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Accuride	**1-800-869-2275**
Arvin Meritor	**1-800-725-9355**
Bendix	**1-800-247-2725**
Carlisle Friction	**1-800-867-7992**
Chicago Rawhide	**1-800-882-0008**
Dayton Parts	**1-800-822-2042**
Delco Remy	**1-800-372-0222**
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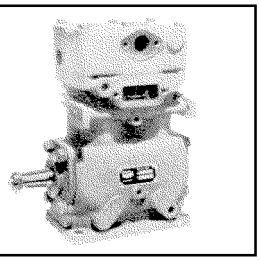
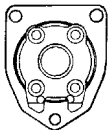
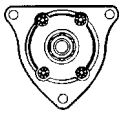
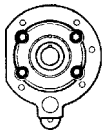
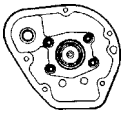
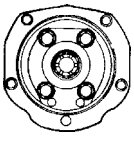
Goodyear	**1-800-343-2174**
Grote	**1-800-457-9540**
Haldex	**1-800-643-2374**
Holland Hitch	**1-888-396-6501**
Horton	**1-800-621-1320**
Hutchens	**1-800-654-8824**
Kaiser	**1-800-801-3263**
Luberfiner	**1-800-882-0890**
Monroe	**1-800-651-4946**
Mystic Oil	**1-800-248-4864**
Performance Friction	**1-803-222-2141**
Trucklite	**1-800-562-5012**
Walker Exhaust	**1-800-432-3889**

COMPRESSORS AND PARTS

Bendix

REMANUFACTURED EXCHANGE
COMPRESSORS



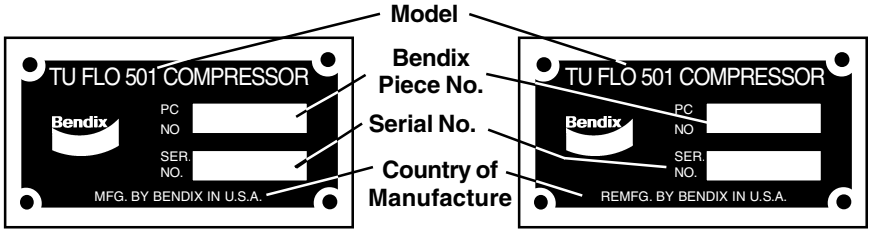
FLANGES	ENGINES	TU-FLO 500	TU-FLO 501	TU-FLO 700	TU-FLO 1400	TU-FLO 550	TU-FLO 750
	Caterpillar 3406	285131	286546	289349	-	-	-
	Caterpillar 3406B	-	103274	103278	104583	107509	107508
	Caterpillar 3408	284310	286552	289744	-	-	-
	Mack 6 Cylinder	284662	286544	289340	-	107511	107510
	See Bulletin PRO-01-7 for Mack c/o		102697*		104584		
	Caterpillar 3116	-	-	-	-	107981	-
	Mack 8 Cylinder	-286574	289348 286621			107869	
	Cummins NH,NTC,KT,KTA Series engines See Bulletin PRO-01-2	284718* 286554	286618* 286554	289339		107506	107507
	Cummins VTB-903	-	-	-			
	Cummins VT-903		286570	101590			
	Cummins VT-350	-	286570	101590			
	See Bulletin PRO-01-2						
	Series 60 Detroit Diesel 0° Tilt		286619(1)	106780(1)		107622(1)	107623(1)
	Detroit Diesel 0° Tilt	276962	286539	289941	108779	107513	107512
	Detroit Diesel 0° Tilt	285252	-	101158		-	-

(1) Series 60 compressors must be replaced with series 60 compressors only. Failure to do so will result in compressor damage.

* Top discharge cylinder head

** TU FLO-700 cylinder head incorporates both side and top discharge.

Note: Part numbers for all remanufactured parts in the New Life inventory have an "X" suffix to indicate a remanufactured part. The "X" has been left off all above numbers for clarity.



Compressor Nameplates

A nameplate is attached to all compressors. It displays the model, piece number and serial number. A nameplate with a black background denotes a new/original equipment compressor, whereas a nameplate with a red background designates that the compressor is a Bendix remanufactured/replacement unit. When making reference to a particular compressor, use the pc. no. stamped on the nameplate

COMPRESSORS AND PARTS

REMANUFACTURED HALDEX COMPRESSORS

HALDEX BASE MOUNT, PULLEY DRIVE

Item	Part No.	Core Group	Type	Category	Cooling	Port Loc	Discharge	Notes
1	KN7010X	700	EL740	4 Hole Base	AC	Right/Right	Flange	Base Oil Option
1	KN7020X	700	EL740	4 Hole Base	AC	Left/Left	Flange	Base Oil Option
2	KN85020X	850	EL850	4 Hole Base	AC	Right/Top	Threaded	
2	KN86020X	850	EL850	4 Hole Base	WC/AC	Right/Top	Threaded	
3	EL13020X	1301	EL1300	4 Hole Base	WC	Right/Right	Flange	
3	EL13021X	1301	EL1300	4 Hole Base	WC	Left/Left	Flange	
3	EL13060X	1301	EL1300	4 Hole Base	WC	Right/Right	Flange	Base Oil Feed

HALDEX FLANGE MOUNT - ENGINE DRIVE

Cummins Applications, Water Cooled

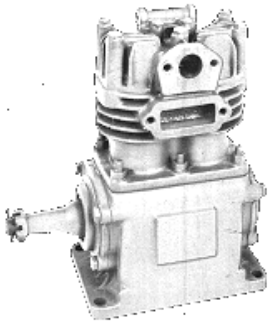
	Part No.	Core Group	Type	Category	Cooling	Port Loc	Discharge	Notes
4	EL13040X	1300	EL1300	CUM in line	WC		Right/Right	Top/Flange
4	EL16040X	1600	EL1300	CUM in line	WC		Right/Right	Top/Flange

Detroit Diesel Applications, Water Cooled

	Part No.	Core Group	Type	Category	Cooling	Port Loc	Discharge	Notes
5	EL13050X	1300	EL1300	DDC 0° Tilt	WC	Right/Right	Flange	
5	EL13051X	1300	EL1300	DDC 0° Tilt	WC	Right/Left	Flange	60 Series Non-Thru Drive
5	EL13070X	1300	EL1300	DDC 1° Tilt	WC	Right/Left	Flange	
6	EL13053X	1353	EL1300	DDC 0° Tilt	WC	Right/Left	Flange	60 Series Thru Drive

1

KN7010X
KN7020X

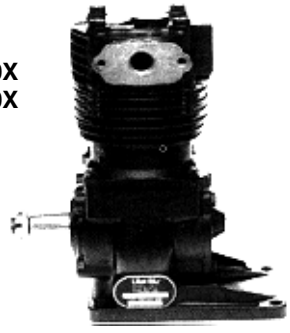


Haldex Repair Kits

RN33C	EL740 Unloader Kit
RN26GV	Gasket Kit
SN144AB	Installation Kit

2

KN85020X
KN86020X

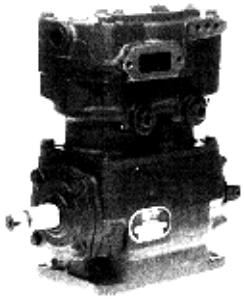


Haldex Repair Kits

RNT26JB	EL850 Unloader Kit
RN26JH	EL 850 Gasket Kit
SN144R	Installation Kit

3

EL13020X
EL13021X
EL13060X

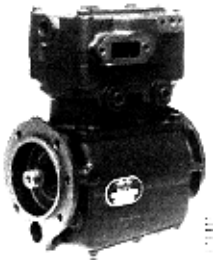


Haldex Repair Kits

RN26A	EL1300 Unloader Kit
RN26GW	EL1300 Gasket Kit
SN144	Installation Kit for EL13020X & EL13021X
SN144D	Installation Kit for EL13060

4

EL13040X
EL16040X

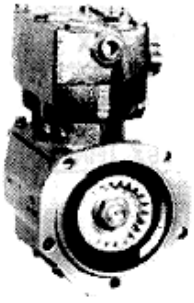


Haldex Service Repair Kits

RNT26A	EL1300, EL1600 Unloader Kit
RN26GX	EL1300, EL1600 Gasket Kit
SN144B	Installation Kit

5

EL13050X
EL13051X
EL13070X

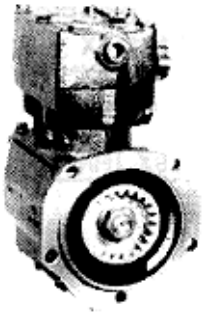


Haldex Repair Kits

RNT26A	EL1300 Unloader Kit
RN26GY	EL1300 Gasket Kit
SN144C	Installation Kit for EL13050X
SN144AP	Installation Kit for EL13051X
SN144E	Installation Kit for EL13070X

6

EL13053X



Haldex Repair Kits

RNT26A	EL1300 Unloader Kit
RN26GY	EL 1300 Gasket Kit
SN144BD	Installation Kit

COMPRESSORS AND PARTS

REMANUFACTURED HALDEX COMPRESSORS

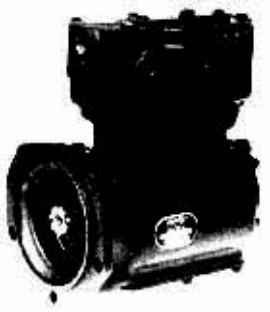
HALDEX FLANGE MOUNT - ENGINE DRIVE								
DETROIT DIESEL APPLICATIONS - WATER COOLED								
ITEM	PART NO.	CORE GROUP	TYPE	CATEGORY	COOLING	PORT LOC	DISCHARGE	NOTES
7	EL13090X	1300	EL1300	DDC 41° TILT	WC	RIGHT/RIGHT	FLANGE	
7	EL13100X	1300	EL1300	DDC 50° TILT	WC	RIGHT/RIGHT	FLANGE	
7	EL13160X	1300	EL1300	DDC 45° TILT	WC	LEFT/RIGHT	FLANGE	
8	EL16050X	1600	EL1600	DDC 0° TILT	WC	RIGHT/RIGHT	FLANGE	
8	EL16051X	1600	EL1600	DDC 0° TILT	WC	RIGHT/LEFT	FLANGE	60 SERIES NON-THRU DRIVE
8	EL16070X	1600	EL1600	DDC 1° TILT	WC	RIGHT/LEFT	FLANGE	
8	EL16072X	1600	EL1600	DDC 4° TILT	WC	RIGHT/LEFT	FLANGE	
MACK APPLICATIONS								
9	EL16111X	1600	EL1600	MACK EXT. FLG.	WC	LEFT/LEFT	FLANGE	POWER STEERING
9	EL16112X	1600	EL1600	MACK EXT. FLG	WC	LEFT/LEFT	FLANGE	GEAR INCLUDED

7
EL13090X
EL13100X
EL13160X

Haldex Repair Kits

RNT26A	EL1300 Unloader Kit
RN26GY	EL 1300 Gasket Kit
SN144G	Installation Kit For EL13090X
SN144H	Installation Kit For EL13100X
SN144M	Installation Kit For EL13160X

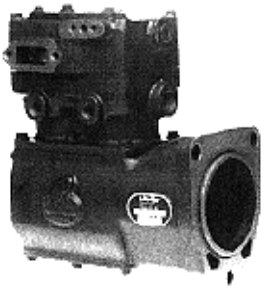
8
EL16050X
EL16051X
EL16070X
EL16072X



Haldex Repair Kits

RNT26A	EL1600 Unloader Kit
RN26GY	EL 1600 Gasket Kit
SN144AP	Installation Kit For EL16051X
SN144C	Installation Kit For EL16050X
SN144E & SN3711G	Installation Kit For EL13170X (Need one of each)
SN144E	Installation Kit For EL16072X

9
EL16111X
EL16112X



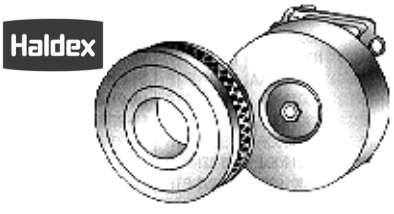
HaldexHaldex Repair Kits

RNT26A	EL1600 Unloader Kit
RN26GZ	EL 1600 Gasket Kit
SN144J	Installation Kit

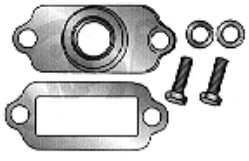
AIR CLEANER

For use with all compressor types. Provides greater atmospheric air intake capacity. Suitable for mounting on **Haldex** and competitive model compressors. May also be remote mounted by using accessory intake manifold connector kits SN3711AC and SN3711AD plus cut to length 3/4" ID hose with fittings and clamps. Includes 100696E element.

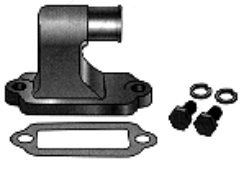
Mounting Centers: 2.75"
Overall Height: 4.44"
Diameter: 4.30"
Part No. KN19040



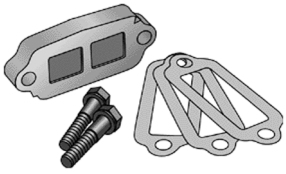
COMPRESSOR MANIFOLD KIT (INTAKE)
For 1/2" Pipe
Mounting Centers: 2.75"
Part No. SN3711AA



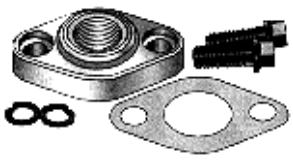
COMPRESSOR MANIFOLD KIT (INTAKE)
For 3/4" Hose
Mounting Centers: 2.75"
Part No. SN3711AD



INLET CHECK VALVE
Part No. SN3711AJ

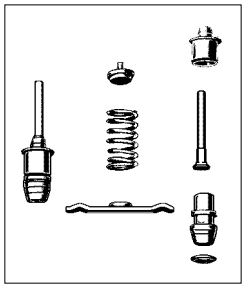


COMPRESSOR MANIFOLD KIT (DISCHARGE)
For 1/2" Pipe
For all EL1300 & EL1600 Compressors
Part No. SN3711J



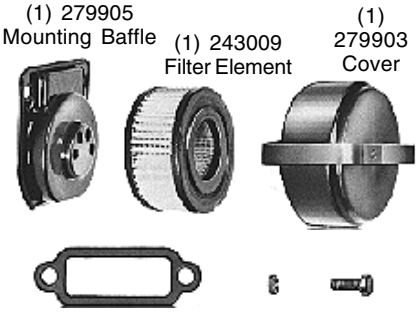
COMPRESSORS AND PARTS

UNLOADER KIT
Kit contains parts to install 3 piece unloader plungers in Tu-Flo compressors
Part No. 279615

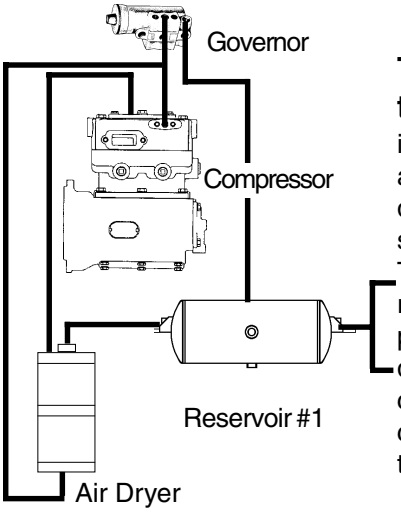


AIR STRAINER
For TF-400, 500, 501, 600, and 700 Bendix compressors
Air Strainer Part No. 278500

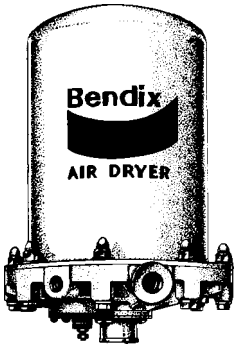
Contents:

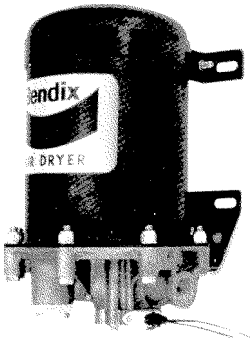


AIR DRYERS

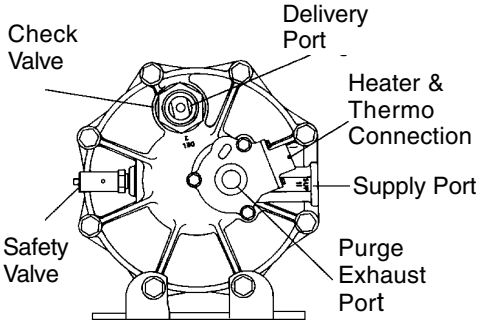


The primary duty of the air dryer
is to eliminate the moisture and dirt that would cause damage to valves and other system components. The air dryer removes these pollutants, providing dry air, free of contaminants that can cause premature failure of the air and brake system.



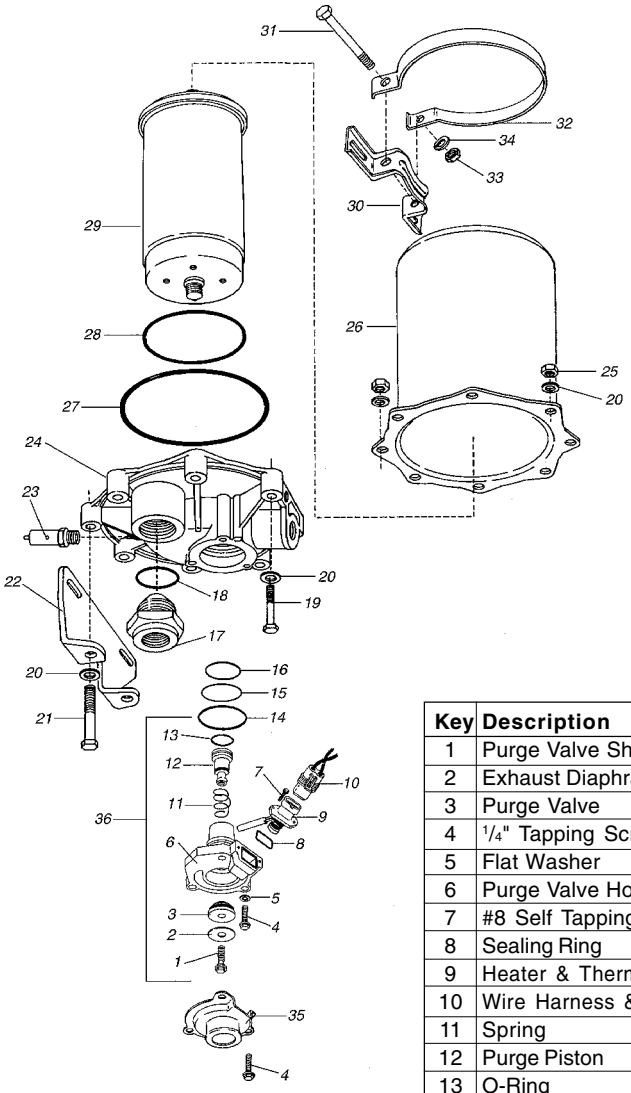


Bendix AD-9 Air Dryer 12 Volt	
Description	**Part No.**
Complete New Unit	**065225**
Complete REMANUF. Unit	**109685X**
END COVER INFORMATION	
New Unit: (Special Order)	065231
Supply Port:	1/2" P. T.
Delivery Port:	1/2" P. T.
Control Port:	1/4" P. T.
Check Valve Ass'y	107800
Purge Valve & Heater Ass'y (REMANUF.)	5004341X
Remanuf. Desiccant Cartridge	107794X
Purge Valve Ass'y - Maint. Kit	5005037
Bracket Kit	107695



End Cover Bottom View AD-9 Air Dryer

AIR DRYERS



Note:
Old and new purge valve assemblies are interchangeable in all AD-9 air dryers.

ARE YOU READY FOR COLD WEATHER?
Check your stock of air dryer parts BEFORE the season demands are here!

AD-9 Air Dryer Parts List
Kits and Service Replacement Assemblies

List #	Description	Part Number	
2	Remanuf. Purge Valve Ass'y Comp w/Heater. See List #2	12V 5004341X	24V 5004342X
3	New Replacement Purge Valve Ass'y Complete w/Heater	12V 800405	24V 5004342
4	(DLU) See List #3 Below Desiccant Cartridge Kit See List #4 Below	 New 107796	 Remanuf. 107794X
5	Purge Valve Maintenance Kit See List #5 Below	5005037 hard seat	5005893 soft seat
6	Heater & Thermostat Kit See List #6 Below	12V 109578	24V 109579
7	Check Valve Maintenance Kit See List #7 Below	3/4" 107799	1/2" 107800
8	Mounting Bracket Kit See List #8 Below	107695	

Key	Description	List 1	List 2	List 3	List 4	List 5	List 6	List 7	List 8
1	Purge Valve Shoulder Bolt					X			
2	Exhaust Diaphragm					X			
3	Purge Valve					X			
4	1/4" Tapping Screw	X-3	X-3	X-3					
5	Flat Washer	X-3	X-3	X-3					
6	Purge Valve Housing								
7	#8 Self Tapping Screw						X-2		
8	Sealing Ring						X		
9	Heater & Thermostat Ass'y						X		
10	Wire Harness & Connector				109869				
11	Spring					X			
12	Purge Piston								
13	O-Ring					X			
14	O-Ring	X	X	X		X	X		
15	O-Ring	X	X			X	X		
16	O-Ring	X	X	X		X	X		
17	Check Valve Ass'y							X	
18	Check Valve O-Ring							X	
19	3/8" X 2 1/8" End Cover Screw								
20	3/8" Special Washer								X-4
21	3/8" X 2 1/8" Bracket Screw								X-2
22	Lower Mounting Bracket								X
23	Safety Valve				285849				
24	End Cover								
25	Lock Nut								X-2
26	Housing								
27	O-Ring 298922				X				
28	O-Ring 298927				X				
29	Desiccant Cartridge Ass'y				X				
30	Upper Mounting Brkt.								X
31	5/16" x 4 1/2" Upper Brkt. Bolt								X
32	Upper Brkt. Strap								X
33	5/16" Nut								X
34	5/16" Lock Washer								X
35	Exhaust Cover				112399				
36	Complete Purge Valve Ass'y	X	X	X					

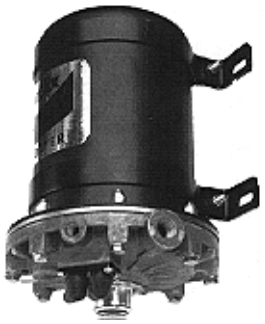
AIR DRYERS

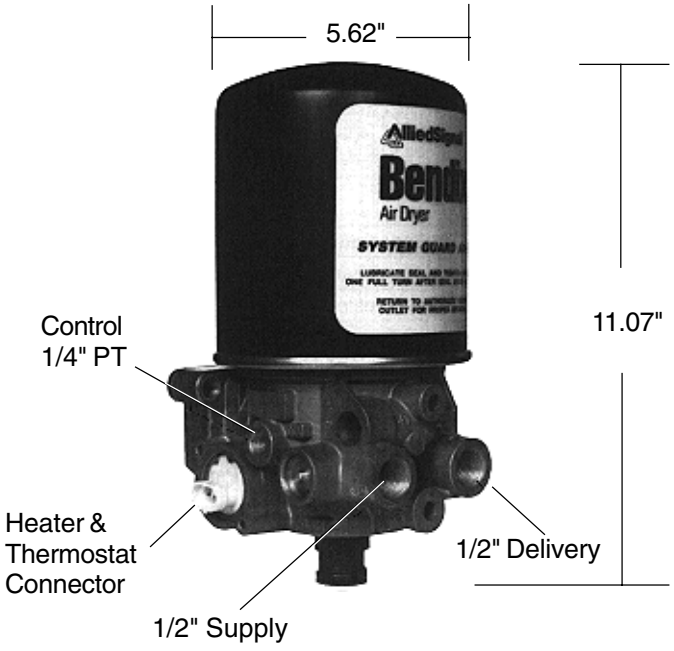
BENDIX REPAIR KITS AD-2 AIR DRYER	
102657	**Thermostat Kit** Includes Thermostat, gasket and "O" ring.
287053	**Purge Valve Replacement Kit** Includes purge valve, diaphragm, boot and "O" rings
287298	**Check Valve Kit**

AD-2

BENDIX REPAIR KITS AD-4 AIR DRYER	
103817	**Major Maintenance Kit** Includes desiccant cartridge, end cover kit 103980, and sealing ring.
103818	**Purge Valve Replacement Kit** Purge valve and exhaust diaphragm
103879	**Seal kit** Includes check valve ass'y, boot, and sealing rings
103980	**End Cover Kit** "O" ring and piston spring

AD-4

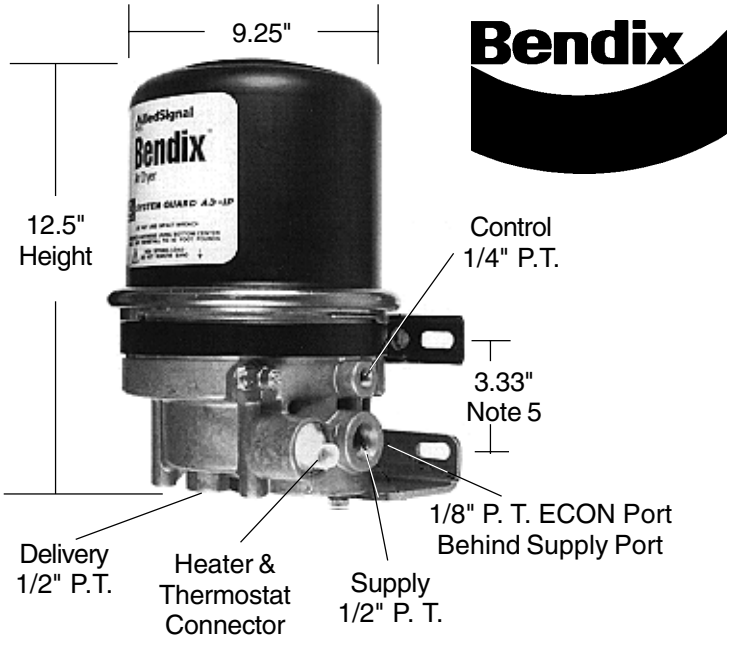




AD-SP Air Dryer System Purge		
Service Part No.	**Remanf. Part No.**	**Heater & Thermostat Volts-Watts (See Note 2)**
800887	109991X	12V - 980W
065594	109992X	24V - 90W

Note: 12 & 24 volt AD-SP air dryers are identified by connector color:
White - 12V, Gray = 24V.

AD-SP Air Dryer Kits	
Part No. 5008414	Cartridge Kit
Part No. 5005624	Del Check Valve Kit



AD-IP Air Dryer Integral Purge		
Service Part No.	**Remanuf. Part No.**	**Heater & Thermostat Volts-Watts (See Note 2)**
065612	**109477X**	12V - 90W
065613	**109478X**	24V - 90W

Note - All replacement air dryers include 109871 (wire harness and splice kit) and 5001247 (mounting bracket kit).
Note - 12 & 24 volt air dryers are identified by connector color .
White = 12V, Gray = 24V.
Note - Center to center of slots in both brackets is 5.64 inches.

AD-IP Air Dryer Kits	
Part No. 109496	**Heater & Thermo Kit** 24 Volt
Part No. 5003547	**Purge Valve Kit** 12 volt

AIR DRYERS

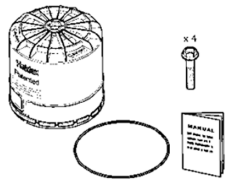
Haldex

PURest™ Air Dryer Part No. DA34100

- Multi-Treatment Cartridge employs 5 stages of cleaning to ensure dry system air.
- Universal munting bracket eases retro-fit installations. Fits Pure Air Plus, Dryest, AD type and SS type air dryer bolt patterns.
- Integrated turbo protection.
- Built-In heater prevents freezing and damage to the dryer.

Heater: 12 Volt
Desc: With Bracket, Left - Inlet Port
OEM Part No: N4253AA

MTC Desiccant Cartridge
Part No. DQ6050



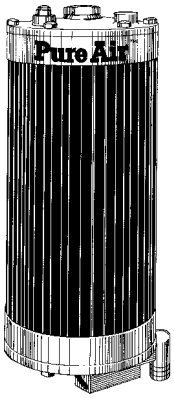
Heater Kit 12 volt
Part No. DQ6013

Haldex

PURE AIR PLUS™
AIR DRYER Repair Kits

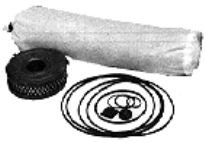
Major Repair Kit Includes purge, Turbo Saver™, & check valve. **Part No. DQ6020**	**Desiccant Kit** Includes desiccant cartridge & coalescing filter **Part No. DQ6026**	**12V Heater kit Part No. DQ6011**
		Coalescing filter kit Part No. DQ6032

Desiccant Cannister: Part No. DA33120



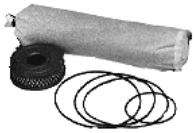
AIR DRYER
PURE AIR™ Repair Kits
Triple action cools, filters and dries the air.
May be mounted horizontally or vertically.
Serviceable from either end.

Haldex



Major Kit
Part No. RN60A

Outlet
Check Valve Kit
Part No. RN60G



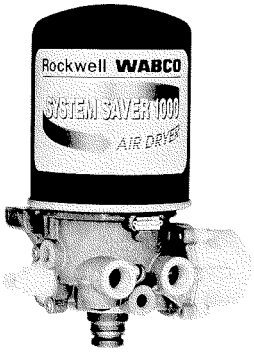
Minor Kit
Part No. RN60

12V Lower
Cover Ass'y
Part No. RN60D

Purge Valve Kit
Part No. RN60F

12V Heater Kit (Not Shown)
Part No. RN60N

MERITOR WABCO

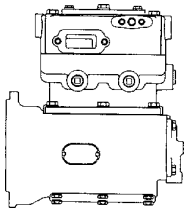


Dessicant Type Air Dryer
Part No. R955205

This air dryer from Meritor Wabco is just 11 inches tall! It has a spin-on cartridge that is replaceable in under 5 minutes. It has a 12V-100 Watt heater with an integral turbo cut-off valve and mounting bracket. The integral regeneration valve eliminates the need for a purge tank.

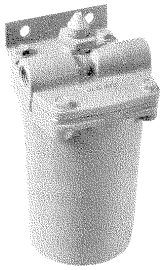
SERVICE KITS		
Cartridge Kit Part No.R950011	**Purge Valve Kit Part No. R950014**	**Outlet Check Valve Kit Part No. R950017**
Turbo Cut-Off Valve Kit Part No. R950013	**Heater Service Kit Part No. R950015**	

ALCOHOL EVAPORATOR - ISOLATION VALVE - GOVERNOR



ISOLATION VALVE
(Turbo Cut-Off Valve)
Used with air driers not equipped with this feature. Allows use of air dryer on turbo charged engines without affecting engine performance. Installs directly (1/2"-14 NPTF) to air line inlet port of air dryer.
Part No. KN23500

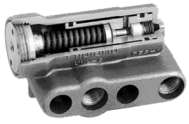
Haldex

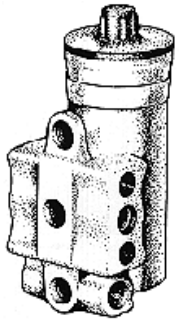


ALCOHOL EVAPORATOR
An automatic vaporizing device for keeping air lines and air reservoir free of ice.
•Easy to install
•Pressure protected
•Holds 40 oz. of methyl alcohol.
•1/2" NPTF Ports
Part No. A72420

FLEETCRAFT GOVERNOR
Features ball check design with filtered ports. Can be mounted at a remote location or directly to compressor. Preset to open at 120 PSI, close at 100 PSI. Can be Adjusted. Includes 4 pipe plugs, mounting gasket and instructions.
New, outright.
Part No. FC18530

Haldex Micromax™ GOVERNOR
New, outright.
Part No. KN18537
1/3 the size of a standard governor. Fully nterchangeable, complete installation kit, mistake proof exhaust port eliminates failures.





Bendix D-2 Governor
Remanufactured. No Core.
For mounting to the compressor or mounted remotely. Pressure range 100 - 120 PSI.
5" overall height.
1/8" NPT ports.
Sold outright.
Part No. OR275491X
Part No. 275491 (NEW)

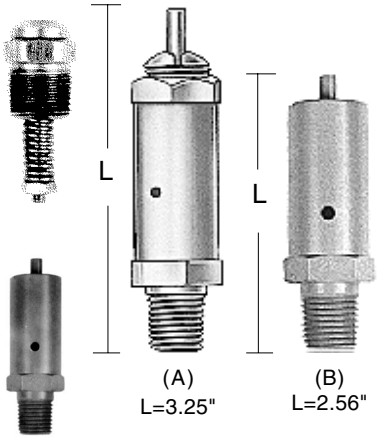
PRESSURE RELIEF (SAFETY) VALVES

PRESSURE RELIEF VALVE
For air reservoir installations.
Made of brass and stainless steel.
Will not corrode.
Factory set at 150 PSI. 3/8" NPTF.
Part No. KN31250

Haldex

PRESSURE RELIEF VALVE
Brass body and stainless steel spring.
Factory set at 150 PSI. 1/4"NPTF
Part No. 1031200

ST-3 SAFETY VALVE
75PSI Pressure setting, 1/4" port
Part No. 285850



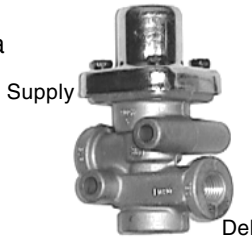
SAFETY VALVE
Protects against excessive pressure in air system. Installs in the supply reservoir. Factory set at 150 PSI. Can be adjusted. Automatically closes after excess pressure is released to atmosphere.
1/4" NPT.
(A) Part No. 205105
(B) Part No. 284142

Bendix

PRESSURE PROTECTION VALVE (SAFETY) VALVES

PRESSURE PROTECTION VALVE TYPE PR-4
Closes at a preset pressure. Factory set at 85 PSI. Many different applications. Can be used to protect one reservoir system from another if a reservoir system failure occurs. Nonadjustable.
1/4" PT supply and delivery ports.
Part No. 286500

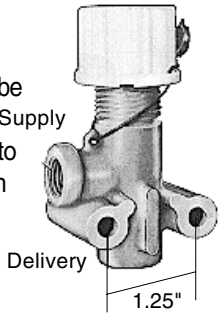
Bendix



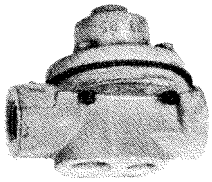
Safety Valve Kit ST-4
The ST-4 Safety Valve is installed in the extra compressor discharge port, if available, or the discharge line to prevent compressor damage in the event of discharge line blockage. Becaus of this a standard safety valve may not be used.

Part No. 131081

PRESSURE PROTECTION VALVE TYPE PR-2
Closes at a preset pressure. Factory set at 65 PSI. Can be adjusted. Many different applications. Can be used to protect one reservoir system from another if a reservoir system failure occurs.
1/4" PT supply and delivery ports.
Part No. 277147

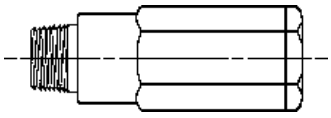


PRESSURE PROTECTION VALVES



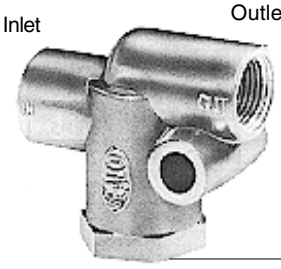
PRESSURE PROTECTION VALVE
Used to protect air brake system from accessory failure. Nonadjustable.
1/8" NPTF inlet port,
1/4" NPTF outlet port.

	Operating PSI	
Part No.	**Open**	**Closed**
KN31000	65	45
KN31010	95	75



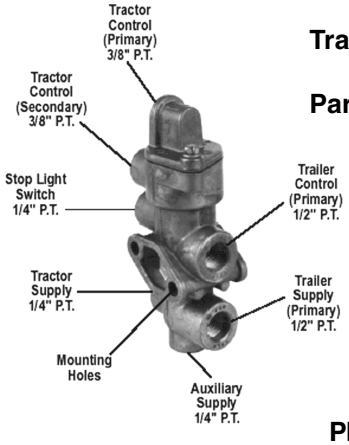
PRESSURE PROTECTION VALVE with one way check valve
Used to protect air brake system from accessory failure. Nonadjustable. 3/8" NPTF inlet port, 1/2" NPTF outlet port.

Part No.	Opening Pressure
KN31170	50PSI
KN31171	75 PSI



PRESSURE PROTECTION VALVE
3/8" NPTF Inlet,
3/8" NPTF Outlet

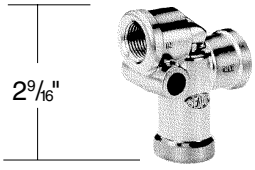
	Operating PSI	
Part No.	**Open**	**Closed**
110257	75	70
110258	95	90



Tractor Protection Valve

Part No. 065706

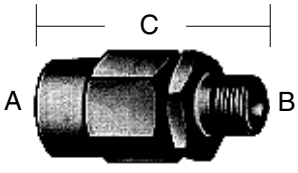
PRESSURE CONTROL VALVE
Pressure setting from 0 PSI to reservoir pressure.
1/4" NPTF inlet and outlet,
1/4" NPTF exhaust
Part No. 5400



PRESSURE PROTECTION VALVE
3/8" NPTF Inlet and Outlet

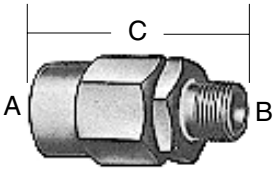
	Operating PSI	
Part No.	**Open**	**Closed**
140270	70	60

CHECK VALVES



SINGLE CHECK VALVE
SC-2 Steel Seat

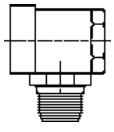
Part No.	A	B	C
800372	1/2" PT	1/2" PT	2.92"
800373	3/8" PT	3/8" PT	2 5/32"



SINGLE CHECK VALVE
SC-1 Steel Seat

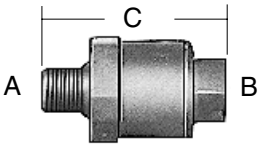
Part No.	A	B	C
800375	1/4" PT	1/4" PT	2 3/32"

Type A


Type B
(90 Degree)

SINGLE CHECK VALVE
SC-2 Steel Seat

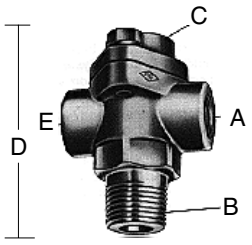
Part No.	TYPE	A	B	C
KN23000	A	1/2" PT	1/2" PT	2.46"
KN23010	A	3/8" PT	3/8" PT	2.47"
KN23060	B	1/2" PT	1/2" PT	1.85"



SINGLE CHECK VALVE
SC-1 Rubber Seat

Part No.	A	B	C
10200-3/8	3/8" PT	3/8" PT	2 13/16"
10200-1/2	1/2" PT	1/2" PT	2 13/16"

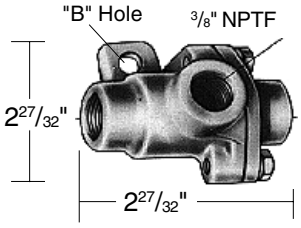
CHECK VALVES



The double check valve is used when a single function or component must be controlled by either of two valves. The double check valve permits either, but not both control valves to operate the device connected to its outlet port.

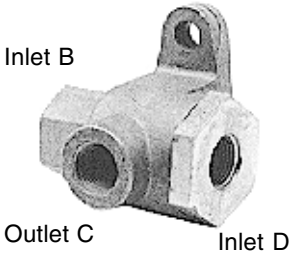
DC-4 DOUBLE CHECK VALVE

Part No.	A	B	C	D	E
278595	1/4" PT	1/2" PT	1/4"	2.75"	1/4"
278598	3/8" PT	3/8" PT	1/4"	2.75"	3/8"



Bendix

DC-4
DOUBLE CHECK VALVE
All Ports: 3/8" NPTF
"B" Hole: 11/32" Dia.
Part No. 278614

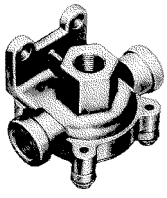


Haldex

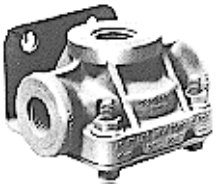
TWO WAY CHECK VALVE
(Diaphragm Type)
Mount in any position
Use in place of ball or shuttle types
Used when two inputs must become one input.
Inlet B: 3/8"
Inlet D: 3/8"
Outlet C: 3/8"
Part No. KN25060

QUICK RELEASE VALVES

QUICK RELEASE VALVE
Aluminum Die Cast Body
Supply/Delivery Differential 0 PSI



	Ports	
Part No.	**Supp**	**Del**
1032005	3/8"	3/8"
1032011	1/2"	3/8"

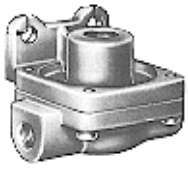


QRN
QUICK RELEASE VALVE
Lightweight, nonmetallic.
Mounting holes 11/32" diameter on 1 1/2" centers.

Bendix

Part No.	A	B Supply	Supp/Delivery Differential Del. (PSI)
065066	1/2" PT	3/8" PT	1 Max.
065067	3/8" PT	3/8" PT	1 Max.
065068	3/8" PT	3/8" PT	5-8

Bendix



QUICK RELEASE VALVE QR-1
Supply Ports: 1/2"
Delivery Ports: 3/8"
Mounting holes on 1 1/2" centers
Part No. 229860

Supply Ports: 3/8"
Delivery Ports: 3/8"
Mounting holes on 1 1/2" centers
Part No. 229859

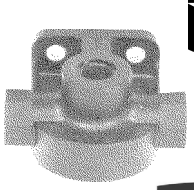
QR-1C
QUICK RELEASE VALVE
With Double Check Valve
A dual function valve. The QR serves the spring brake chambers as a QR valve; the double check valve prevents a service and emergency brake application from occurring at the same time.

Part No.	Supply	Delivery
289182	1/4	1/4
289714	1/4	3/8

QUICK RELEASE VALVES

QUICK RELEASE VALVES

Used wherever a quick release function is required in the air brake system. Made of Engineering Grade Plastic. Aids in meeting FMVSS 121 timing requirements.

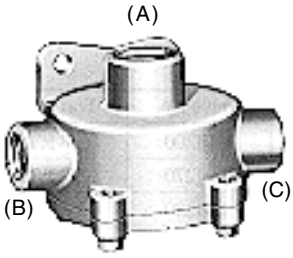


Bendix

QRN-2 Part No.	Inlet Port	Delivery Ports	Differential PSI
800064	3/8"	3/8"	0
800063	1/2"	3/8"	0

Haldex

Part No.	Inlet Port	Delivery Ports	Differential PSI
KN32050	1/2"	3/8"	6
KN32060	3/8"	3/8"	6

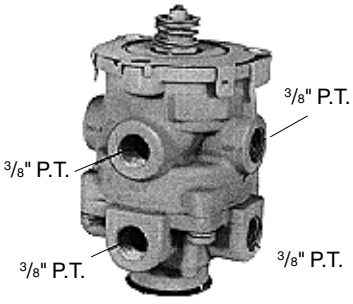


AIR SEALCO CONTROLS

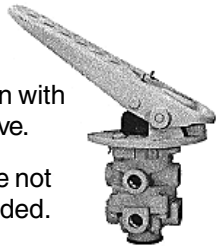
QUICK RELEASE VALVES

Part No.	Cracking Pressure	Port Size (NPTF) (A)	(B)	(C)
2000D1/2	0-1PSI	1/2"	3/8"	3/8"
2000D3/8	0-1PSI	3/8"	1/4"	1/4"

BRAKE (FOOT) VALVES



DUAL BRAKE VALVE
The E-6 dual brake valve is a floor mounted treadle or lever operated valve with two separate supply and delivery circuits for service and secondary braking, providing graduated control for applying and releasing vehicle brakes.
Part No. 286171



Shown with valve.

Valve not included.

Part No. 238888
Folcrum Pin

Part No. 236979
Mounting Plate

RUBBER COVERED TREADLE ASSEMBLY
Includes:
229939 Treadle
236288 Roller
240069 Treadle Cover
Part No. 229938

Bendix

TREADLE ASSEMBLY
Aluminum assembly with no-slip design.
Replaces most steel pedals
Part No. SN4017A

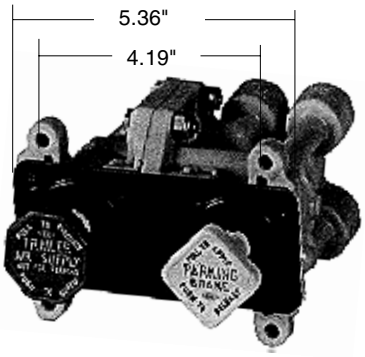
Haldex

E8P BRAKE VALVE
Lower Body
Rotated90°
Replaces E-12
065313 AND 800583

Part No. 800629

FOOT OPERATED VALVE DUAL CIRCUIT
Provides smooth and consistent pedal feel over competitive application valves.
Requires minimal modification for change over.
3/8" ports.
Bottom portion of valve made of EGP plastic.
Part No. KN22150

CONTROL VALVES



MV-2 CONTROL MODULE
An integrated control assembly for control panel mounting in tractor. It provides all the federal legal requirements for trailer air supply and parking brake control and permits the tractor parking brakes to be applied while air is supplied to the trailer.
Six 1/4" ports.
Nonmetallic.
Part No. 101437

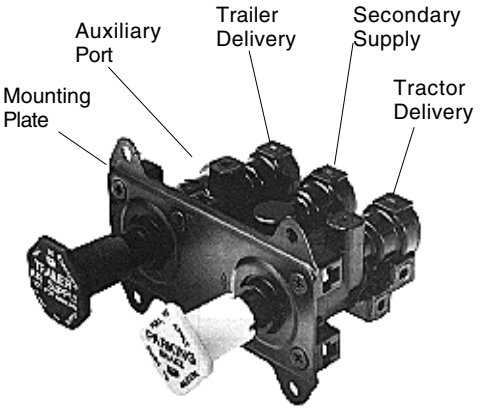
Bendix

MV-2 SPOOL INSERTS
The MV-2 control module is serviced by replacement of the complete spool inserts.

Spool Ass'y
Part No. 101569

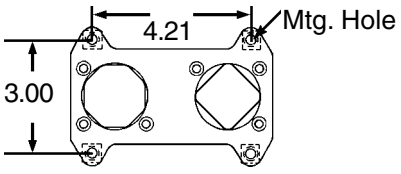
Spool Ass'y
Part No. 101570

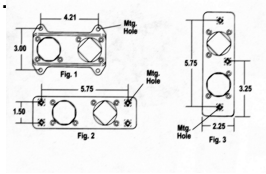
CONTROL VALVES

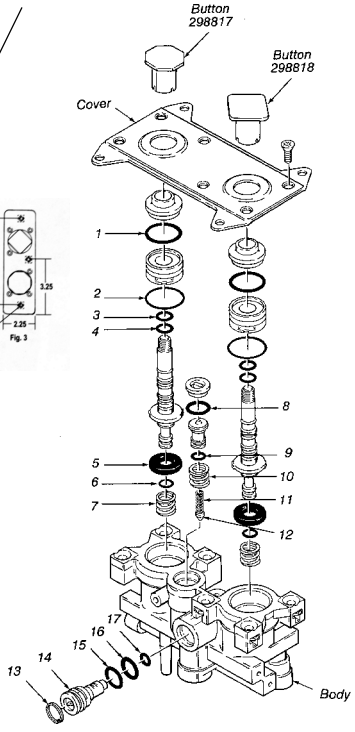


Bendix

MV3 CONTROL MODULE
An integrated control assembly for control panel mounting in tractor. It provides all the federal legal requirements for trailer air supply and parking brake control and permits the tractor parking brakes to be applied while air is supplied to the trailer. Six 1/4" ports. Nonmetallic. Designed to supersede the MV-2 valve. Different mounting seperates styles.
Part No. 800519
Part No. 800573







MV-3 MODULE MAINTENANCE KITS

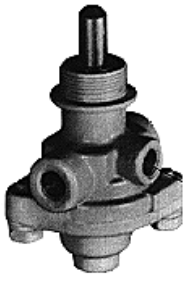
Maintenance Kit Part No. 107216 Consisting of:

Key No.	Qty	Description	Key No.	Qty.	Description
1	2	O-Ring	7	2	Plunger Spring
2	2	O-Ring	8	1	O-Ring
3	2	O-Ring	9	1	O-Ring
4	2	O-Ring	10	1	Override Spring
5	2	Exhaust Seal	11	1	Spring
6	2	O-Ring	12	1	Check Valve

Shuttle Kit Part No. 107217

Key No.	Qty.	Description
13	1	Retaining Ring
14	1	Shuttle Valve
15	1	O-Ring
16	1	O-Ring
17	1	O-Ring

PUSH PULL CONTROL VALVE PP-5
A pressure sensitive on-off control commonly used with vehicle torque converter system, engine speed control, and some parking brake systems. Automatic release pressure 40 PSI. 1/8" supply, 1/8" delivery and exhaust, all NPTF.
Part No. 281946



Bendix

PUSH PULL CONTROL VALVE PP-1
A pressure sensitive on-off control usually used to control parking and emergency brakes. 1/8" supply, 1/4" delivery and exhaust, all NPTF.

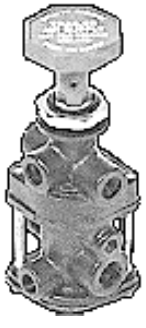
Part No.	Automatic Release Pressure
276566	20 PSI
276567	40 PSI

PUSH-PULL STYLE VALVE
Controls parking/emergency brakes. Pop pressure: 35±10 PSI. 7/8" mounting hole required. Knob included. Made of Engineering Grade Composite. All ports 1/8" NPTF.
Part No. KN20021

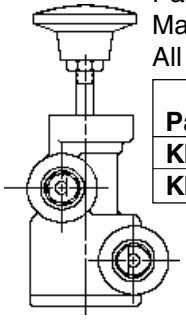
Haldex

FLIPPER STYLE VALVE
Panel mount. On-off nonautomatic two position valve. Made of Engineering Grade Composite.
All Ports 1/8". Mounting holes on 1.5" centers.
Part No. KN20001

Haldex



PUSH-PULL STYLE VALVE
Controls tractor protection. Made of Engineering Grade Composite.
Exhaust and delivery ports: 1/4-18 NPTF.
Supply and control ports: 1/8-27 NPTF.
Pop Pressure: 35 PSI.
7/8" mounting hole required.
Part No. KN20025



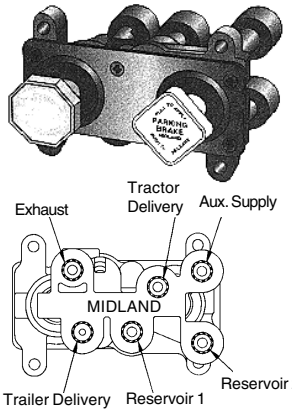
PUSH-PULL STYLE VALVE
Panel mount.
Made of EGC plastic.
All ports 7/8" NPTF.

Part No.	Pop Pressure
KN20031	25-35 PSI
KN20033	7-17 PSI

Haldex

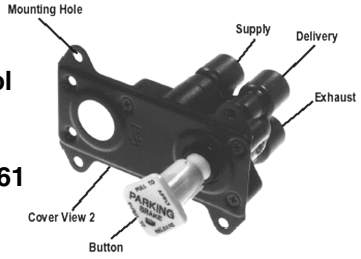
CONTROL VALVES

MANIFOLD DASH MODULE
One piece body construction - no center body leakage. Smaller valve size offers more room behind the dash for hoses and accessibility. Made of Engineering Grade Composite - all ports have molded identification. All ports 1/4" NPTF.
Red and Yellow knobs included.
Part No. KN20615



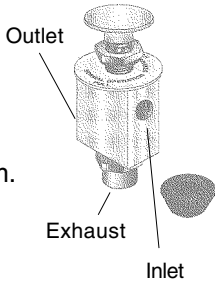
PP-DC Control Valve

Part No. 065661
Mounting Hole
1/4-20 THD.
Port Type
Push to connect
w/ 3/8" O.D. tubing

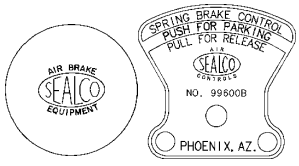


PUSH-PULL STYLE VALVE
Control tractor only parking. Bulkhead mount; 7/8" hole required. Will not stay in half-on, half-off position. All ports 1/8-27 NPTF. Pop pressure 17.7
Part No. KN20035

PUSH-PULL VALVE
3-way
Bulkhead mount, fits 5/8" dashboard hole. All ports 1/4". Made of aluminum. Complete with boot and knob.
Part No. A83580



HAND CONTROL VALVE
Pull-push with Automatic Shut-Off. Shut-off 30±5 PSI. 1/4" outlet and inlet, 1/8" exh. Includes knob and nameplate shown below.
Part No. 99600B



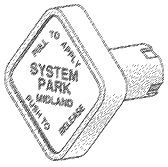
Part No. 13 **Part No. 819**

KNOBS FOR PUSH-PULL VALVES

Pin type.
RCCC red.
Pin included.
Part No. KN20900

Pin type.
RCCC yellow.
Pin included.
Part No. KN20901

Pin type.
RCCC blue.
Pin included.
Part No. KN20902



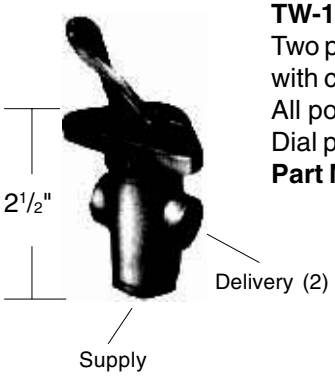
Pin type.
RCCC yellow.
Pin included.
Part No. KN20903

Threaded type.
RCCC yellow.
Pin included.
Part No. 12509

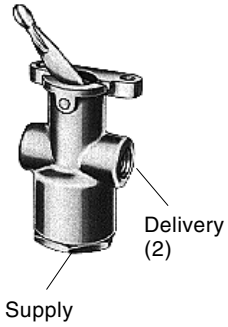
Threaded type.
RCCC red.
Pin included.
Part No. 12501

NOTES: All knobs made of Engineering Grade Composite.
Threaded knobs have 1/4-20 threads.

LEVER STYLE VALVES



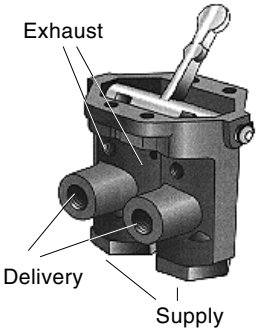
TW-1 CONTROL VALVE
Two position steel valve with chrome handle.
All ports 1/8" NPTF.
Dial plate not included.
Part No. 229635



TW-3 LEVER TYPE CONTROL VALVE
Used in parking and emergency brake systems. 1/4" supply and delivery ports.
Part No. 283040X

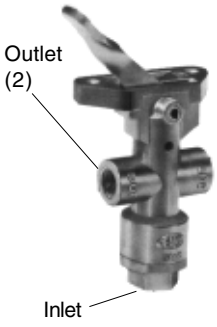
LEVER STYLE VALVES / TRAILER BRAKE CONTROL VALVES

Haldex



DOUBLE FLIPPER STYLE VALVES
Panel mount, directional air control valve. May be used for control of push-pull air cylinders or various other air operated devices.
Supply ports 1/4" NPTF
Delivery Ports (2) 1/8" NPTF

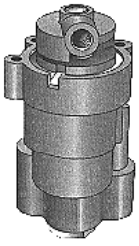
Part No.	Apply/Release Positions
KN20080	3 position with manual release only.
KN20090	3 position with automatic release when supply "A" is applied



LEVER CONTROL VALVE
All ports 1/8" NPTF
Complete with face plate.
Part No. 21600

AIR SEALCO CONTROLS

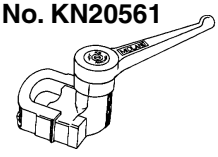
TRAILER BRAKE CONTROL VALVES



TRAILER BRAKE CONTROL VALVE
In column mount.
Made of Engineering Grade Composite.
Handle applies 50° maximum.
Handle and knob not supplied.
All 1/4" ports.
Holding Type:
Part No. KN20541

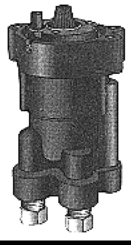
Haldex

TRAILER BRAKE CONTROL VALVE
External steering column mount. Handle applies 70° maximum. Chrome handle. All ports 1/4" NPTF.
Holding Type:
Part No. KN20561



Haldex

TRAILER BRAKE CONTROL VALVE
GM in-column mount. Made of Engineering Grade Composite.
Handle rotates 72° maximum.
3/8" NPTF deliver and supply ports, 1/8" exhaust.
Special tube nuts in ports.
Holding Type:
Part No. KN20551



Haldex

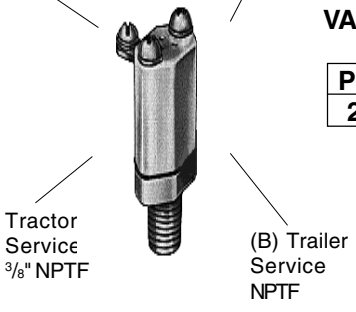
TRAILER BRAKE CONTROL VALVE

TW-4 CONTROL VALVE
1/8" Ports

Part No. 276635

Bendix

TRACTOR PROTECTION VALVES



TP-3
TRACTOR PROTECTION VALVE

Part No.	A	B
279000	1/2"	1/2"

Bendix

TRAILER EMERGENCY VALVE

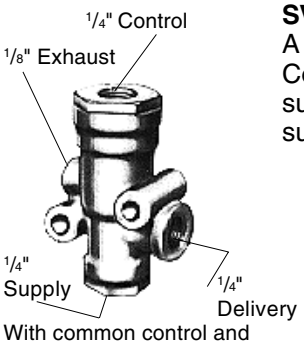
TEV Valve
Provides Spring Brake Priority
-Retains the ability of the driver to repeatedly apply and release the Parking/ Emergency Brakes even with a damaged tank.
Part No. 51301

TRAMEC

STEV Valve
Provides Spring Brake Priority
-Assures that the trailer parking brakes will not release before there is sufficient air pressure in the reservoir to apply service brakes.
Part No. 51321

TRAMEC

SYNCHRONIZING VALVES



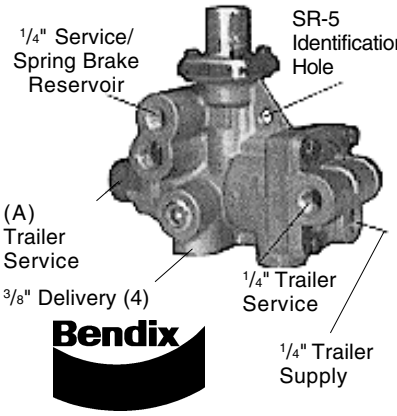
With common control and supply pressure, inlet opens at "A", and exhaust opens at "B".

SV-1 SYNCHRONIZING VALVE
A pneumatic control valve. Controls air from remote air supply other than control air supply. All threads NPTF.

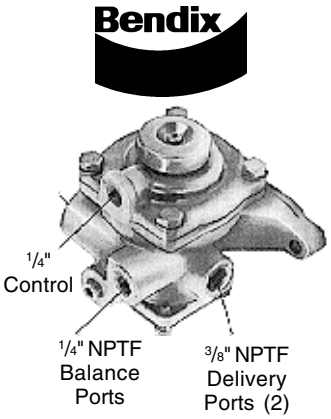
Bendix

Part No.	A PSI	B PSI
278825	42	28
282472	21	11
283700	62	50

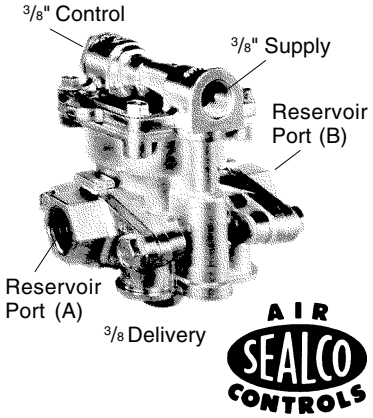
SPRING BRAKE CONTROL VALVES



SR-5 TRAILER SPRING BRAKE VALVE
Die-cast aluminum, reservoir mounted valve that controls up to four spring brake actuators during parking or emergency applications. All threads NPTF.
Anti-Compounding:
Part No. 065437



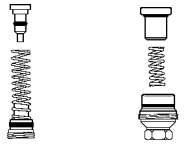
R-7 MODULATING VALVE
Usually found on vehicles with dual air brake systems, the R-7 modulates the spring brakes thru the application of the foot brake valve in the event of loss of rear axle service brake pressure.
Spring brake pressure is limited to 90-95 PSI by the R-7.
Part No. 103081



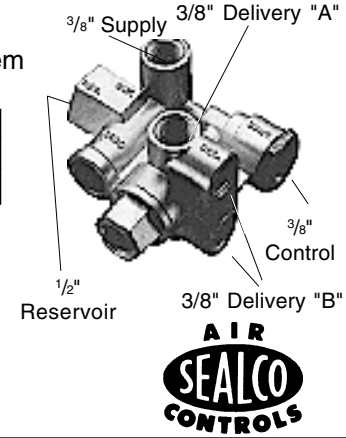
SPRING BRAKE CONTROL VALVES
Protected Reservoir System
Four delivery ports

Part No.	Port (A)	Port (B)
110170	1/2"NPTF	1/2" NPTF
110191	3/8" NPTF	1/2" NPTF

FOR QUICK FIX SERVICE

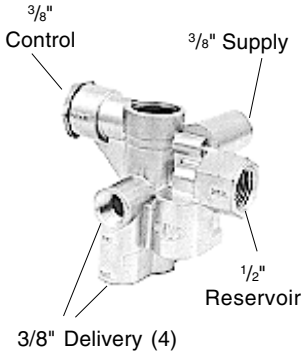


Part No. 110175 **Part No. 110165**



SPRING BRAKE CONTROL VALVE
Spring Brake Priority System
Complies with all changes to FMVSS121, Docket 90-3
Designed for use with a single reservoir on a typical single or tandem axle trailer application.
Part No. 110500 single
Part No. 110315 *
Part No. 110800 *

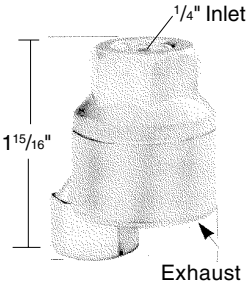
*Note: can be used with (2) 1400 cu. in. reservoirs on tandem axle trailers.



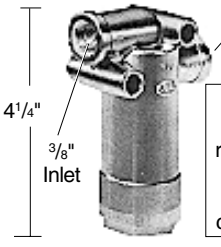
SPRING BRAKE CONTROL VALVE
Service Reservoir Priority System
AIR SEALCO CONTROLS
Complies with all changes to FMVSS121, Docket 90-3
Designed for use with a single reservoir on a typical single or tandem axle trailer application.
Part No. 110700

Note: can be used with (2) 1400 cu. in. reservoirs on tandem axle trailers.

SPRING BRAKE EXHAUST VALVE
Part No. 3800

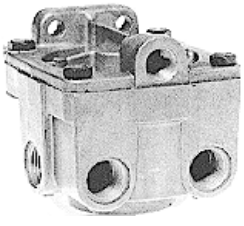


LINE FILTER
Used in trailer supply line ahead of spring brake control valve or relay emergency valve.
Part No. 2550



Sealco does not recommend use in trailer control line.

RELAY VALVES



Haldex

RELAY VALVES
2 & 4 Horizontal Delivery Ports.
A multipurpose, low differential, high capacity, straight relay. Meets FMVSS-121 timing requirements.
Cover can be rotated without affecting performance or warranty.
3/8" delivery ports.
1/2" reservoir ports
3/8" control port

2 Delivery Ports
4 PSI crack pressure
Part No. KN28060

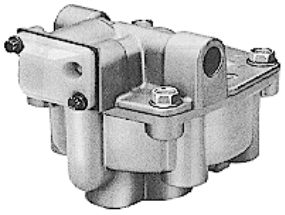
4 Delivery Ports
7 PSI Crack Pressure
Part No. KN28080

RELAY VALVES
Four delivery ports facing down. Cracking pressure 3 ± 1 PSI. Meets or exceeds MFMVSS-121 requirements. Cover may be rotated without affecting warranty.

Part No.	Control	Delivery	Supply	Aux Supply
A103600	1/4	3/8	3/4	(1)

(1)=Plugged

RELAY VALVES



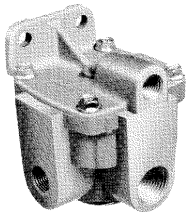
EMERGENCY RELAY VALVE

4 port. Suitable for pre-121 trailers, converter dollies, or exempt trailers. Cracking pressure 4.5 ±1 PSI

Haldex

Part No.	Service Inlet	Emerg. Inlet	Delivery	Aux Res.	Res.
KN30300	1/4	1/4	1/4	(1)	3/4
KN30400	1/4	1/4	3/8	(1)	3/4

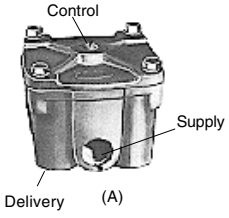
(1)=Plugged

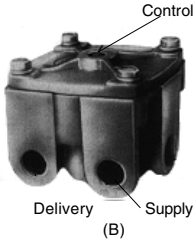


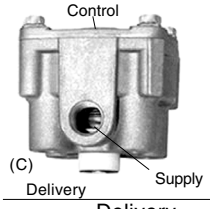
RELAY VALVES(RG2)

2 Delivery Ports. Compact size.
A fast, low cracking pressure straight relay for tractor-trailer-truck applications.Cracking pressures 6 PSI.
Cover may be rotated without affecting warranty.

Part No.	Reservoir A	Reservoir B	Delivery C	Delivery D	Included With Valve:
KN28500	3/8	3/8	3/8	3/8	(1) 3/8" PLUG.
KN28510	3/8	1/2	3/8	3/8	(1) 1/2", (1) 3/8" PLUG.
KN28520	1/2	1/2	1/2	1/2	(1) 1/2" PLUG.



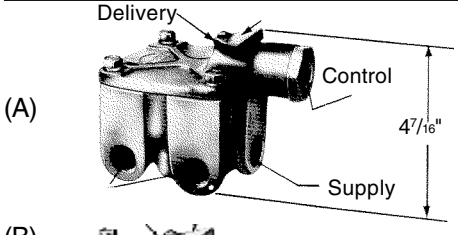


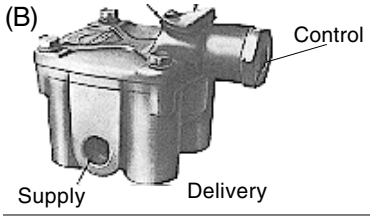


R12 DURA DRAIN™ RELAY VALVE
Supply Port: 1/2" NPTF
Crack pressure: 5.5 PSI
Delivery Ports: 1/2" NPTF
(C) **3/4" Horizontal Delivery Ports**
Part No. 065125

R12 RELAY VALVE

Piston operated, with 4 delivery ports for service or parking brakes.
Delivery Ports: See below
Supply Port: 1/2" NPTF
Control Port: 1/4" NPTF
Crack pressure: 4 PSI
Delivery Ports: 3/8" NPTF
(A) **3/8" Vertical Delivery Ports**
Part No. 065104
1/2" Vertical Delivery Parts
Part No. 102626
(B) **3/4" Horizontal Delivery Ports**
Part No. 103009





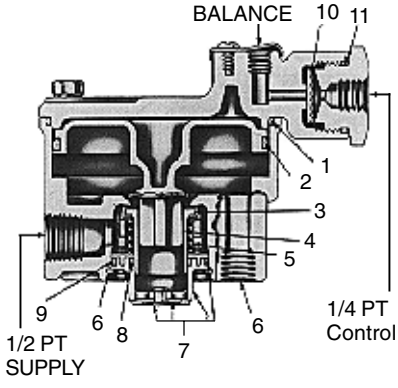
R14 RELAY VALVE

Anti-compounding feature permits control of spring brakes as well as service brakes. Has 4 delivery ports.
Delivery Ports: 1/2" NPTF
Supply Port: 1/2" NPTF
Control Port: 1/4" NPTF
Crack Pressure: 4 PSI
(A) Horizontal Delivery Ports
Part No. 103010
(B) Vertical Delivery Ports
Part No. 103028

Bendix

MAINTENANCE KIT For R12 & R14 Valves.		
Key	**Qty.**	**Description**
1	1	O-Ring
2	1	O-Ring
3	1	Valve Retainer
4	1	Inlet & Exhaust Valve
5	1	Valve Spring
6	1	Retaining Ring
7	1	Exhaust Cover Complete
8	1	O-Ring
9	1	O-Ring
10	1	Diaphragm
11	1	O-Ring

Kit Part No. 102802



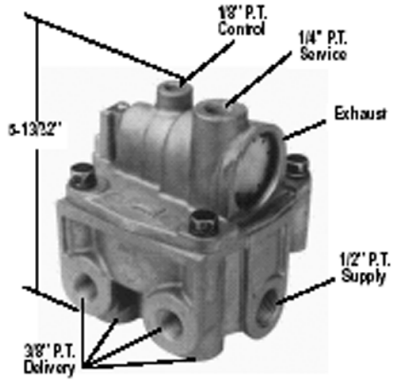
Bendix

BP-R1 Bobtail Brake Proportioning Relay Valve

- Maintenance Kit 106392
- Universal Mounting Bracket 296010 furnished with valve exchange.
- Remanufactured - Core Charge

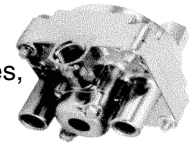
Part No.	Service	Supply	Delivery	Aux Res.	Control
065145X	1/4	1/2	3/8	(1)	1/8
065146X	1/4	1/2	3/8	(1)	1/8

Crack Pressure for 065145X is 4.
Crack Pressure for 065146X is 5.5.

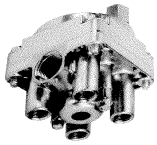


RELAY VALVES

2 PORT DELIVERY

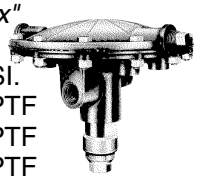


Used primarily for single axle trailer service brakes, or axle by axle trailer brake designs.
Nipple mounted.
Crack Pressure 4 PSI.
Control Port: 3/8" NPTF
Reservoir Port: 1/2" NPTF
Delivery Ports: 3/8" NPTF
Part No. 110410



4 PORT DELIVERY
Used primarily for tandem axle trailer service brakes with four brake chambers.
Nipple mounted.
Crack Pressure 4 PSI.
Control Port: 3/8" NPTF
Reservoir Port: 3/4" NPTF
Delivery Ports: 3/8" NPTF
Part No. 110415

RELAY EMERGENCY VALVE
4 Delivery Ports
The Original "Quick Fix"
Nipple mounted.

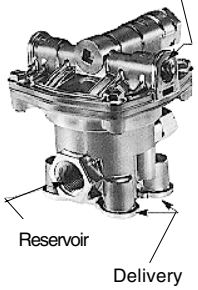


Crack Pressure 1.5 PSI.
Control Port: 1/4" NPTF
Reservoir Port: 1/2" NPTF
Emerg.-Supply: 1/4" NPTF
Delivery Ports: 1/4" NPTF
Part No. A1000S

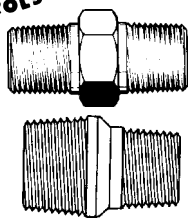
AIR SEALCO CONTROLS

NON-CHARGING RELAY EMERGENCY VALVE
Commonly used on converter dollies, turntable axles, and air lift axles with service brake chambers.
Serv-Control Port (2): 3/8" NPTF
Emerg.-Supply Port: 3/8" NPTF
Reservoir Port: 3/4" NPTF
Supply-Out Port: 3/8" NPTF
Delivery Ports (4): 3/8" NPTF
Cracking Pressure 4.5 PSI
Part NO. 110338X

CHARGING RELAY EMERGENCY VALVE
Serv-Control Port (2): 3/8" NPTF
Emerg.-Supply Port: 3/8" NPTF
Reservoir Port: 3/4" NPTF
Delivery Ports (4): 3/8" NPTF
Cracking Pressure 4.5 PSI
Part No. 110470



AIR SEALCO CONTROLS



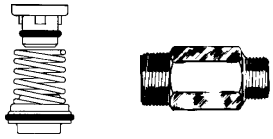
HEAVY DUTY MOUNTING NIPPLES
Straight nipple
1/2" NPT, 1 5/8" long
Part No. 6002S

3/4" NPT, 1 5/8" long
Part No. 6006

Reducing Nipple
3/4" to 1/2" NPT, 1 5/8" long.
Part No. 6003

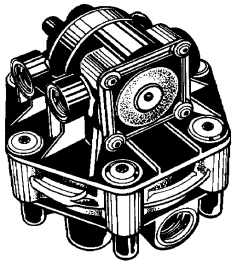
Mounting Nipple for A1000S
Part No. 616

QUICK FIX SERVICE: PLUG UNIT ASS'Y
Part No. 110143



Note: Some valves available remanufactured

TRAILER VALVES

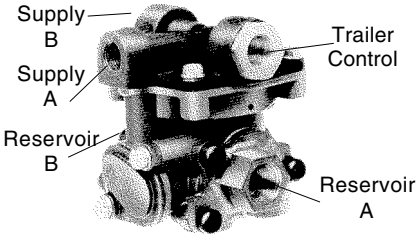


FF2 FULL FUNCTION TRAILER VALVE
Replaces 2 and 3 valve multifunction trailer air brake systems by providing:
•Trailer spring brake control. •Pressure protection with one-way check.
•Trailer service relay. •Fully complies with FMVSS-121 trailer regulations, for spring brake control and other requirements
Single valve for tandem axle:
•1 or 2 reservoir systems •Protects supply to 70 PSI; no dragging spring brakes with 70 PSI or higher supply line. •3 second spring brake apply
•Service brake functions •Anti-compounding

Heavy steel walled pipe nipple included with each valve, conforming to NFPA/T3.8.3 R2-1977 standard.

	Part No.	Crack Pressure	Reservoir	Control	Supply	Spring Brake	Service Brake
	KN28600	3 PSI	3/4"	1/4"	3/8"	3/8"	3/8"
	KN28601	3 PSI	1/2"	1/4"	3/8"	3/8"	3/8"
SPECIAL	**KN28602***	5 PSI	3/4"	1/4"	3/8"	3/8"	3/8"
ORDER	**KN28603***	5 PSI	1/2"	1/4"	3/8"	3/8"	3/8"

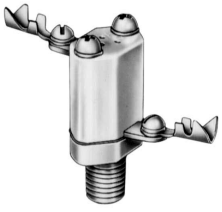
Haldex



MULTIFUNCTION RT-4 TRAILER VALVES
Meets all FMVSS-121 trailer requirements for spring brake control and other regulations.

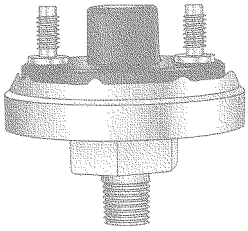
	Trailer Supply		Trailer	Reservoir			PPV Closing
Part No.	A	B	Control	A	B	Del'y	Pressure
KN26010	3/8"	X	3/8"	1/2"	3/8"	(4)3/8"	70 PSI
KN26020	X	3/8"	3/8"	1/2"	3/8"	(4)3/8"	70 PSI

LOW PRESSURE SWITCHES



LP-3
LOW PRESSURE INDICATOR
Single Terminal

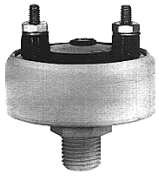
Part No.	Cut-out Pressure PSI	"A" Pipe Thread
104246	66±6	1/4"
279416	60±6	1/4"
279472	75±6	1/4"
280530	70±6	1/4"
289397	75±6	1/8"



LOW AIR SWITCH
Single Pole,
2 terminal Design
Circuit normally closed at 0 PSI
1/8-27 Thread
Part No. BE13241

STOP LIGHT SWITCHES

SL-5
STOP LIGHT SWITCH

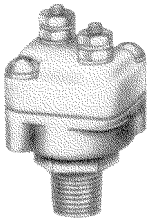


Part No.	Terminal Thd. Size
286392	#8-32
286404	#10-32

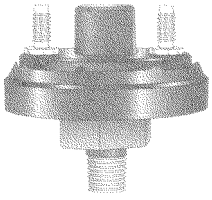
DS-2
DOUBLE CHECK VALVE & STOP LIGHT SWITCH

Part No.	A	B	C	E
286452	3/8"	3/8"	3/8"	#8-32
286453	3/8"	3/8"	3/8"	#10-32

SL-4
STOP LIGHT SWITCH
Part No. 274746

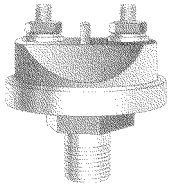


TRACTOR
SPRING BRAKE CIRCUIT
LIGHT SWITCH



Actuates at 55 PSI.
Single pole, 2 terminal design.
Circuit normally closed at 0 PSI.
Part No. BE13240

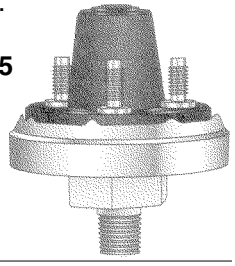
SERVICE CIRCUIT
STOP LIGHT SWITCH



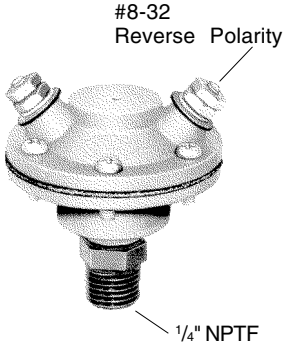
Actuates at 3 - 5 PSI.
Single pole, 2 terminal design.
Circuit normally open at 0 PSI.
Solid state contacts.
Part No. BE13250

TRAILER EMERGENCY STOP LIGHT SWITCH
Actuates at 55 PSI. Single pole, double throw, 3 terminal design. Circuits are normally one open, one closed.

Part No. BE13255



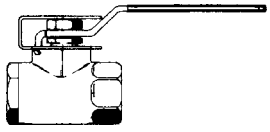
STOP LIGHT SWITCH
Part No. 8100



STOP LIGHT SWITCH
Meets the requirements of DOT121. Brass body with silver and cadmium contacts for long life and low voltage drop. Rated at full 24 amp load.
1/4 - 18 NPTF.
Part No. 1013250

SHUT OFF VALVES / DRAIN VALVES

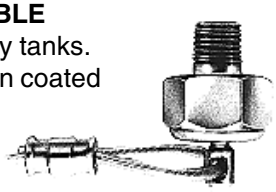
SHUT OFF VALVE
Ball type valve with
1/2" NPTF both ends.
Working pressure 150 PSI.
Part No. 12116



DRAIN VALVES
WITH CABLE
Use on wet or dry tanks. 1/4" NPTF.
Brass body with stainless spring.
Nylon coated stainless cable.

4' Cable
Part No. FC12104
5' Cable
Part No. FC12105

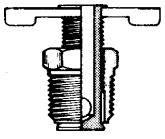
DRAIN VALVES
WITH CABLE
Use on wet or dry tanks.
1/4" NPTF. Nylon coated
stainless cable.
4' Cable:
Part No. 12104
5' Cable:
Part No. 12105



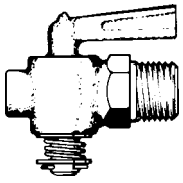
Haldex

EXTERNAL SEAT DRAIN COCK

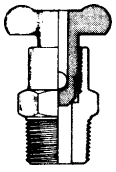
NPTF	Part No.
1/8"	DC604-2
1/4"	DC604-4
3/8"	DC604-6
1/2"	DC604-8



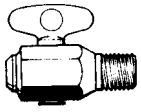
DRAIN COCK	
NPTF	Part No.
1/4"	DC601-4
3/8"	DC601-6
1/2"	DC601-8



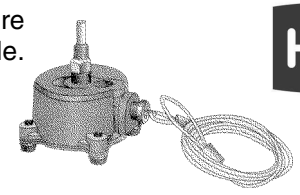
DRAIN COCK	
NPTF	Part No.
1/8"	DC603-2
1/4"	DC603-4
3/8"	DC603-6



DRAIN COCK
NPTF Part No.
1/4" **DCR601-4**



DRAIN VALVES, AUTOMATIC
Mounted to side or bottom of wet
tank. Functions when pressure
varies in air tank. 5 Foot cable.
1/4" NPTF Threads
Non-Heated.
Part No. KN24000

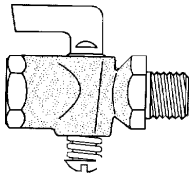


Haldex

TRUCK VALVES

GROUND PLUG
SHUT OFF COCK
Female Pipe
To
Male Pipe

Part No.	Female Pipe Thread	Male Pipe Thread
V402P-2-2	1/8"	1/8"
V402P-4-4	1/4"	1/4"
V402P-6-6	3/8"	3/8"



Part No.	Hose I.D.	Pipe Thread
SV404P-6-6	3/8	3/8
SV404P-10-6	5/8	3/8
SV404P-10-8	5/8	1/2
SV404P-12-6	3/4	3/8
SV404P-12-8	3/4	1/2

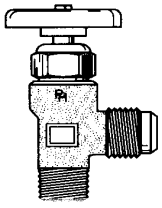
TRUCK VALVE
Hose
To
Male Pipe

TRUCK VALVE
Female Pipe
to
Male Pipe

Part No.	Hose I.D.	Pipe Thread
V405P-6-6	3/8	3/8
V405P-6-8	3/8	1/2
V405P-8-8	1/2	1/2

Part No.	Hose I.D.	Pipe Thread
V409F-8-6	1/2	3/8
V409F-8-8	1/2	1/2
V409F-10-8	5/8	1/2
V409F-12-8	3/4	3/8

TRUCK VALVE
Flare
To
Male Pipe



VALVE INTERCHANGE LISTS

COMPETITIVE TO SEALCO

THESE COMPETITIVE VALVES					Can Be Replaced By This SEALCO Valve
Bendix	**Berg**	**Haldex**	**Sealco**	**Wagner**	
RE4	11675	KN3000		AF-71890	A1000S
229434	12350	KN30010		A-99036	110200
277446		N-3714J			110205
RE6		KN30100			110460
281865		KN30300	110268		110470
281860		KN30400			110475
RE-6NC		KN30200			110338
102168					110338
R-12P					110580
109001		KN28300	3100		110580
109002					110580
R-8P					110570
287114			KN28300		110570
SR-2					110170
287375	12360		110147		110170
287376	12361				110170
SR-4*					110170
101112*					110170
101121*					110170
101622*					110170
		RT-4			110171
		KN26010		AF-88802	110171
				AF-88812	110171
		RT-4		RT-2	110191
		KN26000		A-98730	110191
				A-99370	110191
				AE-83336	110191
				AE-83335	110191
SR-5					110500
065437					110500
065438					110500
065439					110500
065440					110500
R-12					110410
103009	12346	KN28510	110197	AE-78889	110410
	12341			A-80070	110410
R-12					110415
102626	12345	A-103600	110139	A-85490*	110415
065104	12343	A-86477	110450	A-97600*	110415
R-6			110600		110415
279952					110415
R-5	12344	KN28060	9125	AE-78880	110416
229467				AE-78887	4 Delivery
R-6		KN28500		AE-78889	|
279180		KN28510			or
R-8		KN28520			|
286370					|
R-12					110412
102626					2 Delivery

VALVE INTERCHANGE LISTS

COMPETITIVE TO BENDIX

Bendix	To	Bendix
R-1		103009
R-1C		103009
R-5		102626, 103009
R-6		102626, 103009
R-8		103010
R-12		102626
R-12H		103009
R-14		103028
R-14H		103010
RE-1C		229434
RE-4		229434
RE-6		281865
SR-1		286364
SR-2		287376
SR-4		101112

Berg	To	Bendix
12340		103009
12341		103009
12342		102626, 103009
12343		102626, 103009
12344		102626, 103009
12345		102626, 103009
12346		103009
12352		101112 & 102626
12360		101112, 101622
A86473		102626
A86477		102626

Haldex	To	Bendix
A104001		101112, 101622
A104002		101112, 101622
A104003		101112, 101622
A104010		101112, 101622
KN20541		101112, 101622

Haldex	To	Bendix
KN28060		103009
KN28061		103009
KN28071		103010
KN28132		103009
KN28140		103010

Sealco	To	Bendix
9125		102626, 103009
A1100		102626

Wagner	To	Bendix
A78882		102626, 103009
A78887		102626, 103009
A88802		101112, 101622
A88812		101112, 101622
A98730		101112, 101622
A98731		101112, 101622
A98732		101112, 101622

COMPETITIVE TO HALDEX

Bendix Part No.	Can be Replaced by	Haldex Part No.
SR2		KN26000/KN26010/KN26020
SR4		KN26000/KN26010/KN26020
R6		A103600 or A86477
R10		A103600 or A86477
R12		A103600 or A86477
R12H		KN28550
R14		A103600 or A86477

Midland	Midland-Grau
12360	KN26000/KN26010/KN26020
KN28160	KN28550
KN28500	KN28550
KN28520	KN28550

Berg	Midland-Grau
12343	A103600 or A86477
12345	A103600 or A86477
11661	A103600 or A86477
12343	A103600 or A86477
12346	KN28550

Sealco	Haldex
A1100	A103600 or A86477
110139	A103600 or A86477
110147	KN26000/KN26010/KN26020
110171	KN26000/KN26010/KN26020
110180	KN26000/KN26010/KN26020
110190	KN26000/KN26010/KN26020
110197	KN28550
110230	KN26000/KN26010/KN26020
3100	KN28550
9125	KN28550

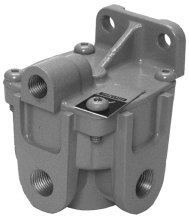
Wagner	Haldex
A80070	KN28550
A88802	KN26000/KN26010/KN26020
A88812	KN26000/KN26010/KN26020
A83335	KN26000/KN26010/KN26020
A83336	KN26000/KN26010/KN26020

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

VALVES

FC28600

FC28601


FC28500

FC28510

FC28520

FC26000

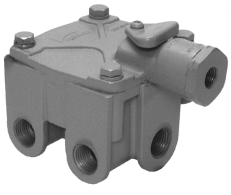
FC2103028

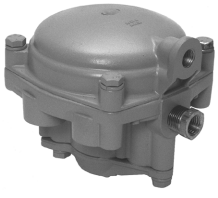
FC065104

FC065437

FC102626

FC103009


FC103010


FC281865

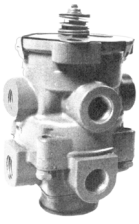
FC103081

FC229635

FC18530

FC276566

FC276567


FC286171

FC288239

FC289714

FC950011

FC800372 & FC800373

FC54007

FC12104 & FC12105

****ONE YEAR WARRANTY****
****ALL VALVES NEW OUTRIGHT****

FLEETCRAFT VALVES

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

VALVES

***ONE YEAR WARRANTY**
** ALL VALVES NEW OUTRIGHT****

Fleetcraft Part Number	*Description*
FC18530	D2 Governor
FC28500	RG2 Valve
FC28510	RG2 Valve
FC28520	RG2 Valve
FC28600	FF Valve, 3/4 port
FC28601	FF Valve, 1/2 port
FC26000	RT4 Valve
FC065104	R-12 Valve
FC065437	SR-5 Valve
FC102626	R-12 Valve
FC103009	R-12 Valve
FC103010	R-14 Valve (Horizontal)
FC103028	R-14 Valve (Vertical)
FC103081	R-7 Valve
FC229635	TW1 Valve
FC276566	PP1 Valve (20 psi)
FC276567	PP1 Valve (40 psi)
FC281865	RE-6 Valve
FC286171	E-6
FC288239	PP7
FC289714	QR DBL Check
FC950011	Meritor Cartridge 1200
FC800372	Check Valve
FC800373	Check Valve
FC54007	Leveling Valve
FC229859	QR Valve (3/8 - 3/8)
FC229860	QR Valve (1/2 - 1/2)
FC12104	1/4” Drain valve - 4’ cable
FC12105	1/4” Drain Valve - 5’ cable

VELVAC AIR VALVES

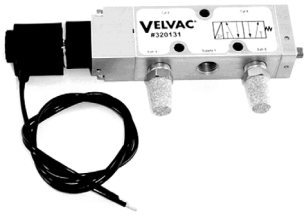
Four-Way Push/Pull Valves
Part No. 320121 - Two Position Valve
Part No. 320122 - Three Position, Holding Type Valve

The "Viper"
Part No. 320124

- Compact, high flow valve provides flow performance comparable to larger valves
- One piece stainless steel shaft
- Can be mounted using (2) 3/16" dia. body mounting holes or through a 1/2" dia. through hole.
- (3) 1/8" NPT ports and (2) 10-32 exhaust ports
- Includes pull to open/push to close faceplate

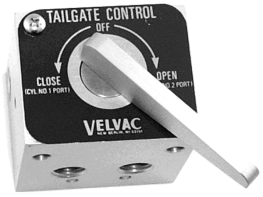
Four-Way Electronic Solenoid Valve
Part No. 320131

- Features newly designed orifice area increasing airflow
- Manual override switch for manual operation
- (3) 9/32" dia. valve body mounting holes, (5) 1/4"-18 FPT ports
- Exhaust cone filters included

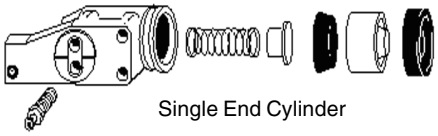


Four-Way Rotary Handle Valve
Part No. 320123

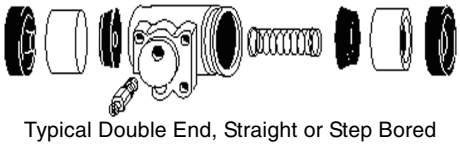
- Includes solid one-piece knob and TWO faceplates (Raise/Lower & Open/Close)
- (3) 1/4"-18 FPT ports



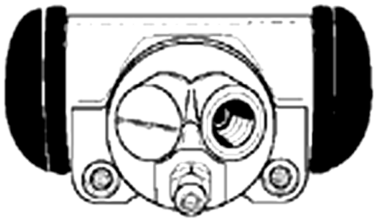
HYDRAULIC BRAKE WHEEL CYLINDERS



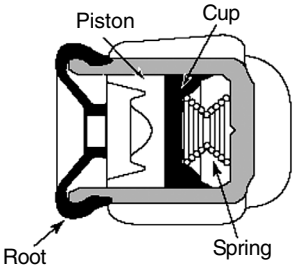
Single End Cylinder



Typical Double End, Straight or Step Bored

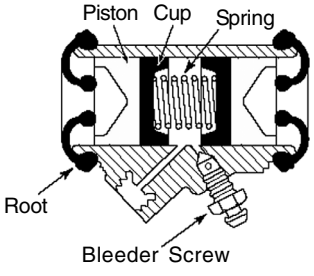


Part No.	Description
E-5170	Single RH Wheel Cylinder, Upper & Lower
E-5178	Single LH Wheel Cylinder, Upper
E-5179	Single LH Wheel Cylinder, Upper & Lower
E-5407	Single LH Wheel Cylinder
E-5407	Single LH Reman Wheel Cylinder
E-5408	Single RH Wheel Cylinder
E-5413	LH Expander Wheel Cylinder
E-5414	RH Expander Wheel Cylinder



Single-Ended
Wheel Cylinder uses one cup, piston, and dust boot.

Double-Ended
Wheel Cylinder uses two cups, pistons, and dust boots with the same size bore.



Part No.	Description
033314	LH Wheel Cylinder Assy
033321	RH Wheel Cylinder Assy
033338	Wheel Cylinder
033400	Wheel Cylinder
033581	Wheel Cylinder
033582	Wheel Cylinder
033708	Wheel Cylinder Assy
033709	Wheel Cylinder Assy

VELVAC AIR CYLINDERS

- **Stainless steel cylinder shaft provides excellent corrosion resistance and extended cycle life.**
- **Lightweight, corrosion resistent, aluminum cylinder tube with die cast aluminum end caps.**
- **Rear Clevis cast as integral part of the cover for improved durability and mounting integrity.**
- **Double acting, Emralon-coated piston cup assures smooth, long lasting operation even in cold weather conditions.**
- **Front end cap assembly includes pressure seal, dirt seal and oil impregnated bronze bushng.**
- **Cylinder tube is imprinted with part number and date code for quick identification.**
- **ALL cylinders are factory pressure and leak tested prior to shipping.**

Part No. 100122
Air Cylinder - 2-1/2" I.D. x 4" Stroke. Cylinder Type: Push / Pull; Retracted Length: 9.37"
Part No. 100123
Air Cylinder - 2-1/2" I.D. x 6" Stroke. Cylinder Type: Push / Pull; Retracted Length: 11.37"
Part No. 100124
Air Cylinder - 2-1/2" I.D. x 8" Stroke. Cylinder Type: Push / Pull; Retracted Length: 13.37"
Part No. 100125
Air Cylinder - 2-1/2" I.D. x 4" Stroke. Cylinder Type: Spring Return (Norm. Ext.);
Part No. 100126
Air Cylinder - 2-1/2" I.D. x 6" Stroke. Cylinder Type: Spring Return (Norm. Ret.);
Part No. 100131
Air Cylinder - 3-1/2" I.D. x 6" Stroke. Cylinder Type: Push / Pull; Retracted Length: 13.60"
Part No. 100132
Air Cylinder - 3-1/2" I.D. x 8" Stroke. Cylinder Type: Push / Pull; Retracted Length: 15.60"
Part No. 100133
Air Cylinder - 2-1/2" I.D. x 6" Stroke. Cylinder Type: Spring Return (Norm. Ext.);
Part No. 100136
Air Cylinder - 3-1/2" I.D. x 8" Stroke. Cylinder Type: Push / Pull; Retracted Length: 18.35"
Part No. 100137
Air Cylinder - 3-1/2" I.D. x 8" Stroke. Cylinder Type: Push / Pull; Retracted Length: 15.60"
Part No. 100143
Air Cylinder - 3-1/2" I.D. x 8" Stroke. Features: Perpendicular Ports; Cylinder Type: Push / Pull

ABS GENERAL INFORMATION

General Air Brake Requirements
Basic design requirements for trailer air brake systems are set forth in FMVSS-121. FMVSS-121 covers requirements for new construction. Once put into operation, the trailer's brake systems must be maintained in accord with the following FHWA/OMC standards:

FMCSR 393 - Covers required equipment

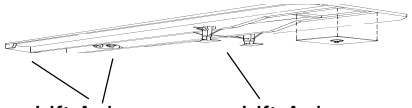
FMCSR 396 - Covers inspection and repair

Air Timing Requirements
FMVSS-121 specifies the maximum times that are permitted for application and release of brake chamber pressure. ABS equipped trailers must meet the same air timing requirements as prior, non-ABS equipped trailers.

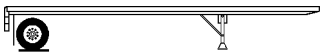
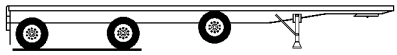
Reservoirs
Trailers must be equipped with air reservoirs that provide a volume of air eight times that of the service brake chambers.
A type 30 air chamber has an effective surface area of 30 square inches. For short stroke type 30 air chambers, the volume is typically 89 CID. For a typical two axle trailer, the minimum required volume is therefore 2848 CID. Reservoir size requirements for non-ABS and ABS equipped systems are the same.

Trailer ABS Configurations

Application Recommendations
Refer to the chart on this page to determine a recommended ABS installation for your application.



SYSTEM APPLICATION CHART

Trailer Type	2S/1M	2S/2M	SIDE CONTROL 4S/2M	AXLE CONTROL 4S/2M
	1 or 1			
	1 or 1 or 1			
			1 or 1	
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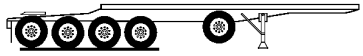
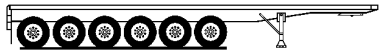
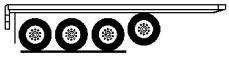
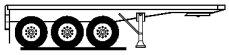
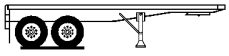
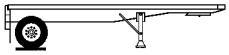
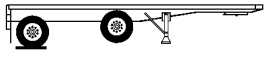
			1	
		1		
		2 or 2		
		2 or 2		
		2 or 2		
	2 and 1	or 2	or 2	
	2 and 1			
		1 or 1		
		1 or 1		
	1 or 1	or 1		
	1 or 1			
			1 or 1	
		2 or 2		
	1			
	1			
		1		

Sensor Placement
When more than one wheel is controlled by a single valve, sensors should be mounted at the axle which tends to lock first. For spring suspensions this is usually the forward axle. For air suspensions this is usually the rear most axle.

ABS ELECTRIC CONFIGURATION - 2S/1M - HALDEX COMPONENTS

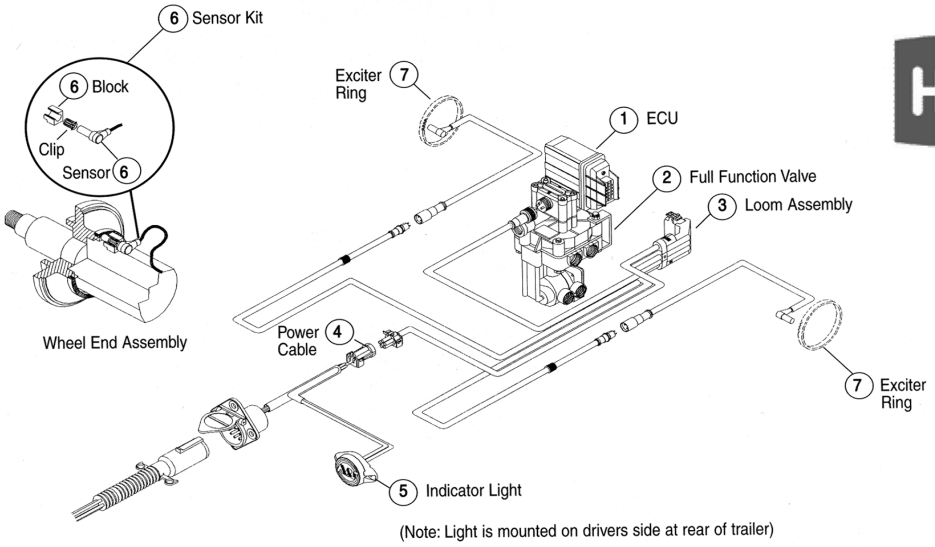
Kit Part No. AQ960804

PARTS LIST Consisting of:		
Qty	**Part No.**	**Description**
1	AL919310	ECU
1	AL430624	Full Function ABS Valve
2	AL919804	7.5' Sensor Cable Ext
1	AL918600	60' Power Cord
1 box	-	Tie Down Clips

Kit Part No. AQ961404

PARTS LIST Consisting of:		
Qty	**Part No.**	**Description**
1	AL919310	ECU
1	AL430624	Full Function ABS Valve
2	AL919804	7.5' Sensor Cable Ext
1	AL919901	12' Power Cord Ext
1 box	-	Tie Down Clips

ABS AIR CONFIGURATION - 2S/1M FFABS

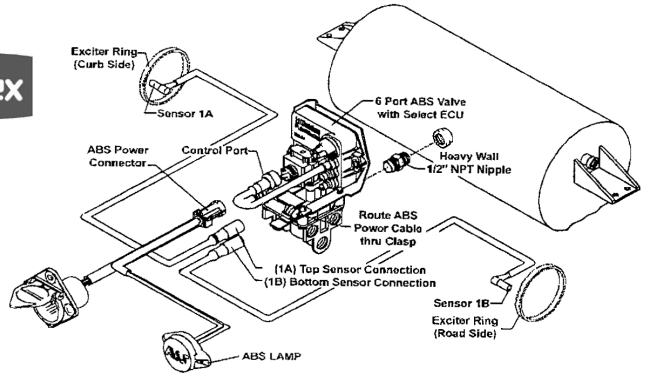


ABS AIR CONFIGURATION - UNIVERSAL 2S/1M REPLACEMENT KIT

The AQ960503 Universal PLC Select ABS Kit will replace all competitive brands and generations of trailer 2S/1M (2 Sensor - One Modulator Valve) ABS systems. These are any systems that utilize a single ABS valve, two sensors, and a separate spring brake control valve. Some additional components unique to the vehicle being upgraded should be expected. Do not use this kit to replace the Haldex FFABS ABS System as this is a single valve per vehicle and spring brake control is integral to the FFABS valve.

Kit Part No. AQ960503

PARTS LIST Consisting of:	
Qty	**Description**
1	PLC Select Valve ECU Assy. 6 Port
1	6 Foot Power Cord Ext.
2	18 Inch Sensor Extensions
1	Installation Instructions L31203
1	PLC Service Manual L30030



ABS ELECTRICAL CONFIGURATION - 4S/2M - COMPONENTS

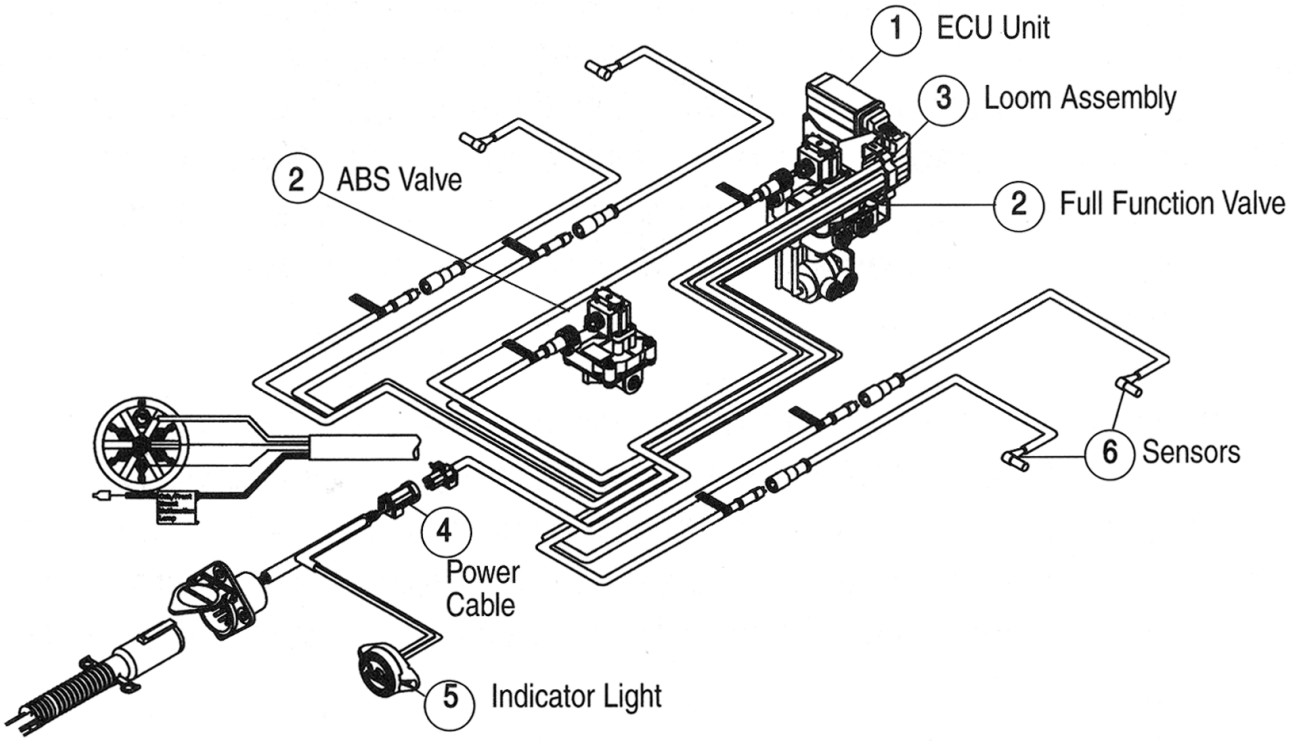
Kit Part No. AQ961002

PARTS LIST Consisting of		
Qty	**Part No.**	**Description**
1	AL919311	ECU
1	AL430624	Full Function ABS Valve
2	AL919802	4.5' Sensor Cable Ext.
2	AL919804	7.5' Sensor Cable Ext.
1	AL918600	60' Power Cord
1	AL364040	Modulator Valve
1	AL40900	Loom Assembly
1 box	-	Tie Down Clips

Kit Part No. AQ961605

PARTS LIST Consisting of:		
Qty	**Part No.**	**Description**
1	AL919311	ECU
1	AL430624	Full Function ABS Valve
2	AL919802	4.5' Sensor Cable Ext.
2	AL919804	7.5' Sensor Cable Ext.
1	AL919901	12' Power Cord Ext.
1	AL364040	Modulator Valve
1	AL40900	Loom Assembly
1 box	-	Tie Down Clips

ABS AIR CONFIGURATION - 4S/2M FFABS

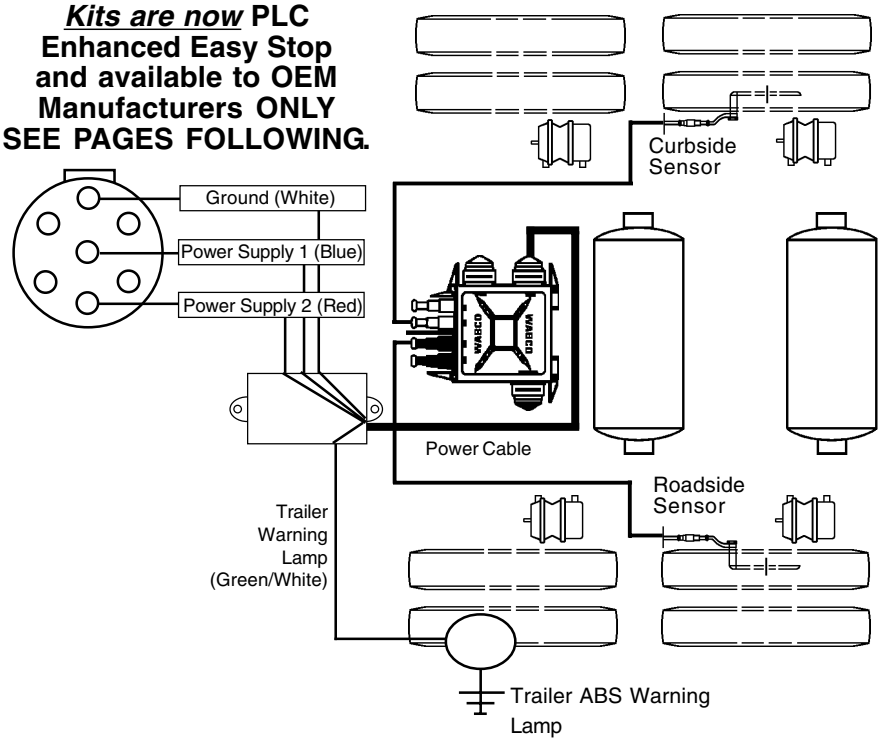


(Note: Light is mounted on drivers side at rear of trailer)

ABS ELECTRIC CONFIGURATION - 2S/1M - MERITOR/WABCO COMPONENTS

2 Sensor/1 Modulator Valve (2S/1M) Configuration Shown Suggested Electrical Diagram Tandem Suspension, Two Wheels Sensed

Kits are now **PLC Enhanced Easy Stop and available to OEM Manufacturers ONLY SEE PAGES FOLLOWING.**



KIT PART NO. 1542014

REPLACEMENT PARTS LIST		
Qty	**Part No.**	**Description**
1	4005001010	ECU
1	4493260300	10 ' Power cable
2	4497130180	6' Sensor Ext cable
1	---	Installation Guide
1	---	End of Line Test

MERITOR WABCO

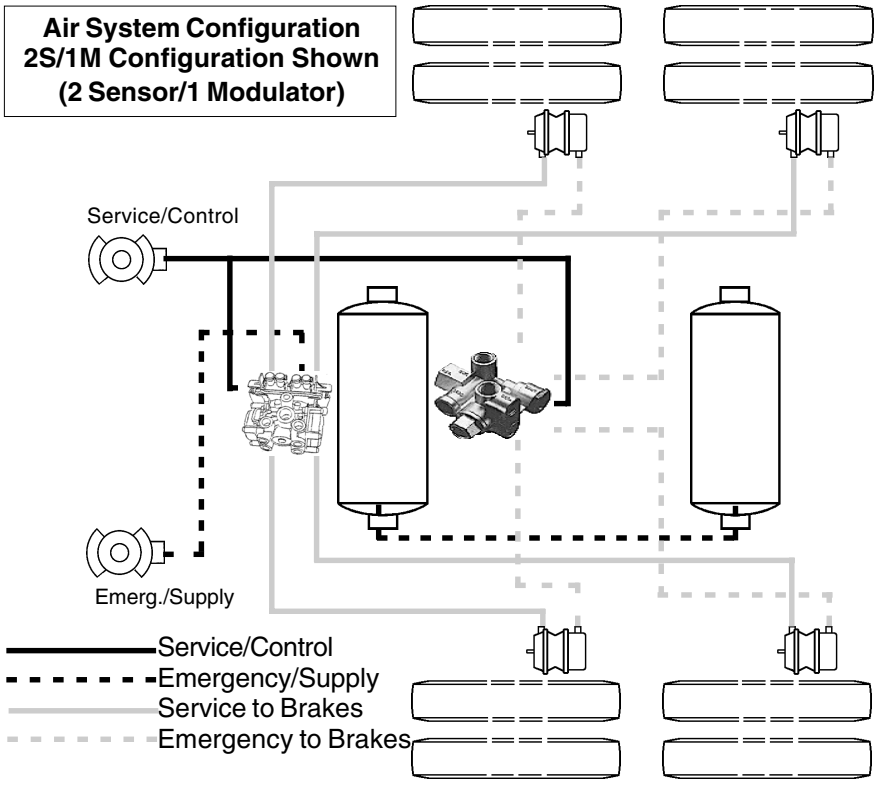
Enhanced Easy-Stop™

SUGGESTED ABS AIR CONFIGURATION - 2S/1M

TO FINISH THE AIR BRAKE AFTER ABS.

Valves & Tanks		
Qty	**Part No.**	**Description**
1	110500	Sprg brake c'trol valve
1	6003	Valve mount'g nipple
2	1010330	Air Tank
Air Hoses, 3/8" Diameter, 3/8" Fittings		
4	16628	Hose ass'y, 28" long
4	16648	Hose ass'y, 48" long
Gladhands & Misc. Fittings		
1	1011451	Emerg. gladhand
1	1011452	Service gladhand
6	1010403	Hose separator
2	11304	Frame coupling
2	68NTA-6-6	Female connector
4	269NTA-6-6	Fitting
3	218P-12	3/4" hex head plug
2	218P-6	3/8" hex head plug
2	269-NTA-6-4	Fitting
2	264NTA-6	Fitting
8	3/8"-24x1 1/4"	Cap screw
8	3/8"-24	Lock nut
8	3/8"	Lock washer
4	HT-1068	Tank cushion pads
2	DC604-4	Tank drain valve
8	1011123	1/2" tube clamp
8	#10	Metal screw1
2	6006	3/4" X 3/4" Hex Nipple
1	TL30257Y	Marker light
1	TL52200	Light pigtail
1	TP95172	ABS Label For Lamp

Air System Configuration 2S/1M Configuration Shown (2 Sensor/1 Modulator)



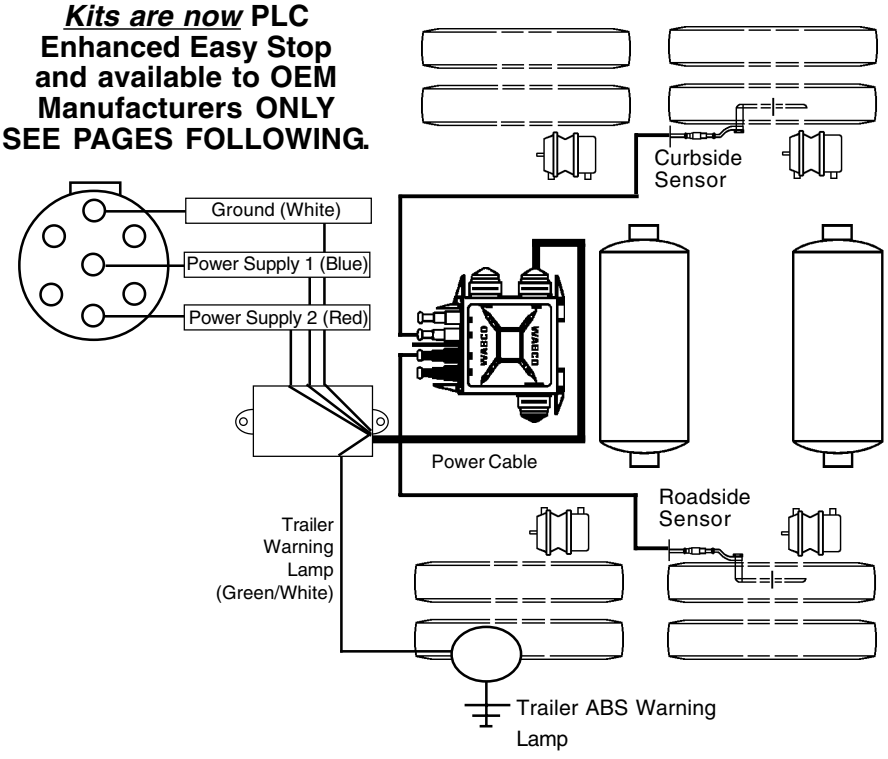
Optional:

1	15-961	Junction Box

ABS ELECTRIC CONFIGURATION - 2S/1M - MERITOR/WABCO COMPONENTS

2 Sensor/1 Modulator Valve (2S/1M) Configuration Shown Suggested Electrical Diagram Tandem Suspension, Two Wheels Sensed

Kits are now **PLC Enhanced Easy Stop and available to OEM Manufacturers ONLY SEE PAGES FOLLOWING.**



KIT PART NO. 1542015

REPLACEMENT PARTS LIST FOR		
Qty	**Part No.**	**Description**
1	4005001010	ECU
1	PEC4-48	48' Power Ext cable
1	4493260050	1.6' Power Cable
2	4497130180	6' Sensor Ext.cable
1	---	ABS Label For Lamp
1	---	Installation Guide
1	---	End of Line Test

MERITOR WABCO

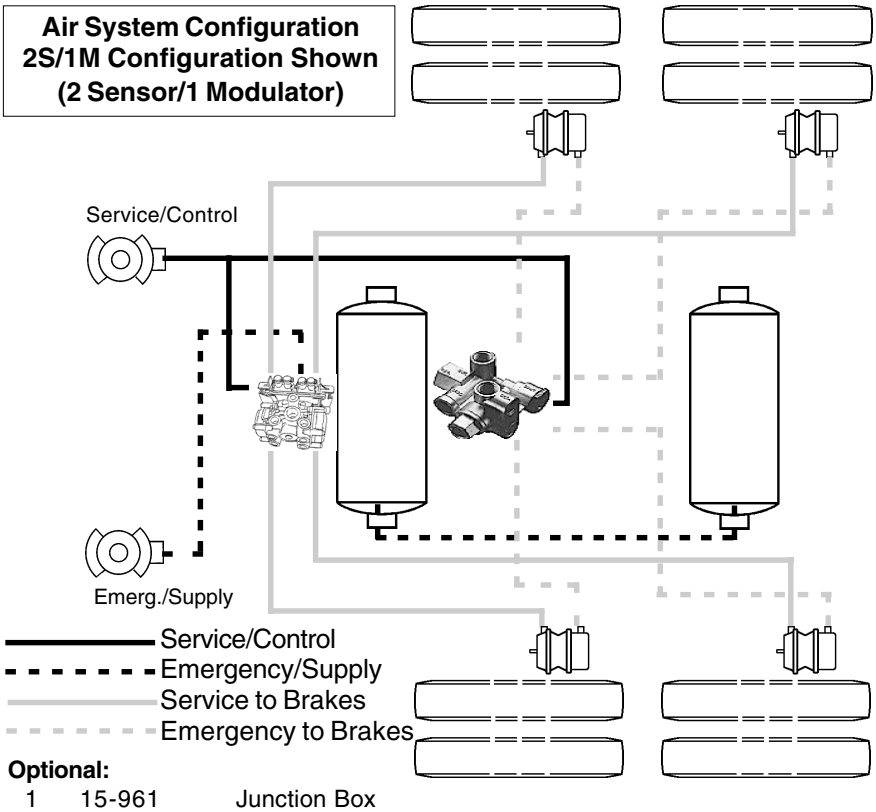
Enhanced Easy-Stop™

SUGGESTED ABS AIR CONFIGURATION - 2S/1M

TO FINISH THE AIR BRAKE AFTER ABS.

Valves & Tanks		
Qty	**Part No.**	**Description**
1	110500	Sprg brake c'trol valve
1	6003	Valve mount'g nipple
2	1010330	Air Tank
Air Hoses, 3/8" Diameter, 3/8" Fittings		
4	16628	Hose ass'y, 28" long
4	16648	Hose ass'y, 48" long
Gladhands & Misc. Fittings		
1	1011451	Emerg. gladhand
1	1011452	Service gladhand
6	1010403	Hose separator
2	11304	Frame coupling
2	68NTA-6-6	Female connector
4	269NTA-6-6	Fitting
3	218P-12	3/4" hex head plug
2	218P-6	3/8" hex head plug
2	269-NTA-6-4	Fitting
2	264NTA-6	Fitting
8	3/8"-24x1 1/4"	Cap screw
8	3/8"-24	Lock nut
8	3/8"	Lock washer
4	HT-1068	Tank cushion pads
2	DC604-4	Tank drain valve
8	1011123	1/2" tube clamp
8	#10	Metal screw1
2	6006	3/4" X 3/4" Hex Nipple
1	TL30257Y	Marker light
1	TL52200	Light pigtail

Air System Configuration 2S/1M Configuration Shown (2 Sensor/1 Modulator)



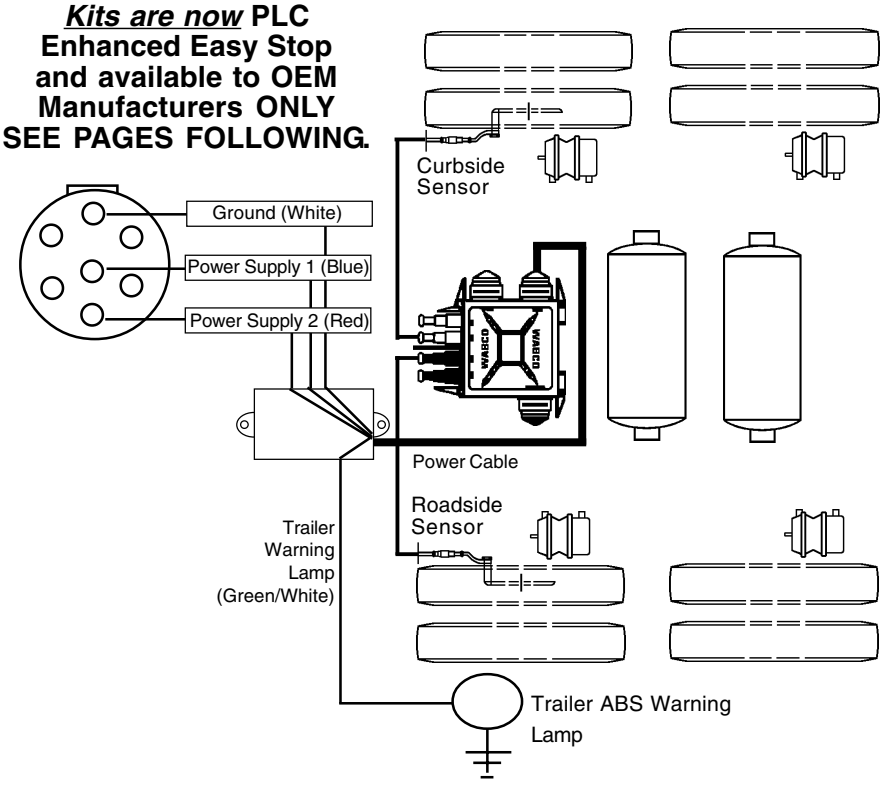
Optional:

1	15-961	Junction Box

ABS ELECTRIC CONFIGURATION - 2S/2M - MERITOR/WABCO COMPONENTS

2 Sensor/2 Modulator Valve (2S/2M) Configuration Shown Suggested Electrical Diagram Tandem Suspension, Two Wheels Sensed

Kits are now **PLC Enhanced Easy Stop and available to OEM Manufacturers ONLY SEE PAGES FOLLOWING.**



KIT PART NO. 1542023

REPLACEMENT PARTS LIST FOR		
Qty	**Part No.**	**Description**
1	4005001020	ECU
1	PEC4-48	48' Power Ext Cable
1	4493260050	1.6' Power Cable
2	4497130300	10' Sensor Ext Cable
1	---	ABS Label For Lamp
1	---	Installation Guide
1	---	End of Line Test

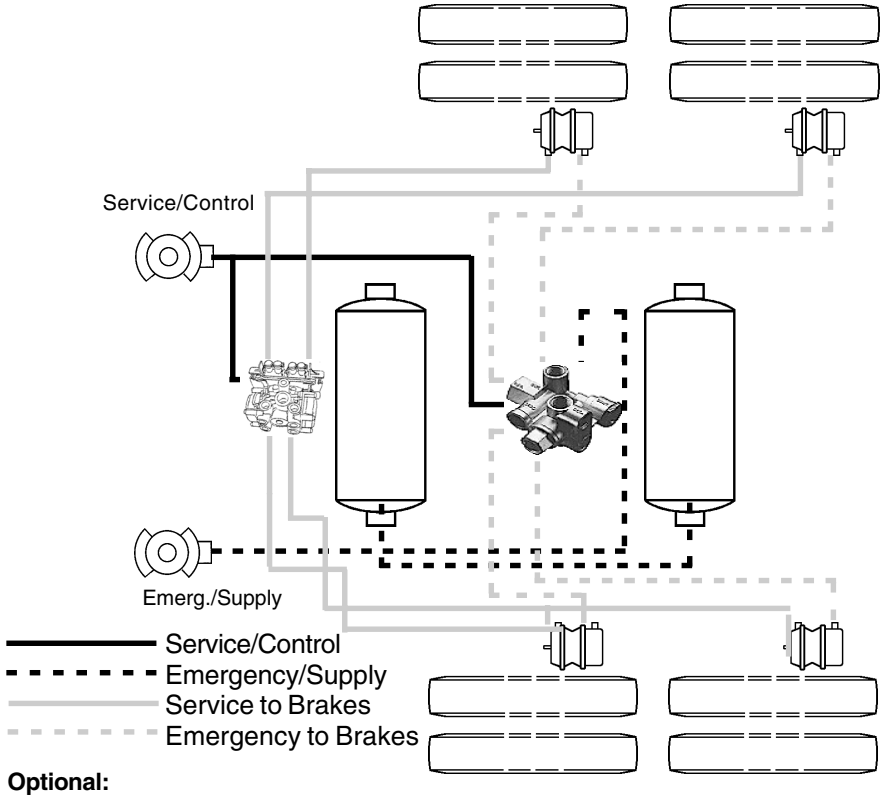
MERITOR WABCO

Enhanced Easy-Stop™

SUGGESTED ABS AIR CONFIGURATION - 2S/2M

TO FINISH THE AIR BRAKE AFTER ABS.

Valves & Tanks		
Qty	**Part No.**	**Description**
1	110500	Sprg brake c'trol valve
1	6003	Valve mount'g nipple
2	1010330	Air Tank
Air Hoses, 3/8" Diameter, 3/8" Fittings		
4	16628	Hose ass'y, 28" long
4	16648	Hose ass'y, 48" long
Gladhands & Misc. Fittings		
1	1011451	Emerg. gladhand
1	1011452	Service gladhand
6	1010403	Hose separator
2	11304	Frame coupling
2	68NTA-6-6	Female connector
4	269NTA-6-6	Fitting
3	218P-12	3/4" hex head plug
2	218P-6	3/8" hex head plug
2	269-NTA-6-4	Fitting
2	264NTA-6	Fitting
8	3/8"-24x1 1/4"	Cap screw
8	3/8"-24	Lock nut
8	3/8"	Lock washer
4	HT-1068	Tank cushion pads
2	DC604-4	Tank drain valve
8	1011123	1/2" tube clamp
8	#10	Metal screw
2	6006	3/4" X 3/4" Hex Nipple
1	TL30257Y	Marker light
1	TL52200	Light pigtail



Optional:

1	15-961	Junction Box

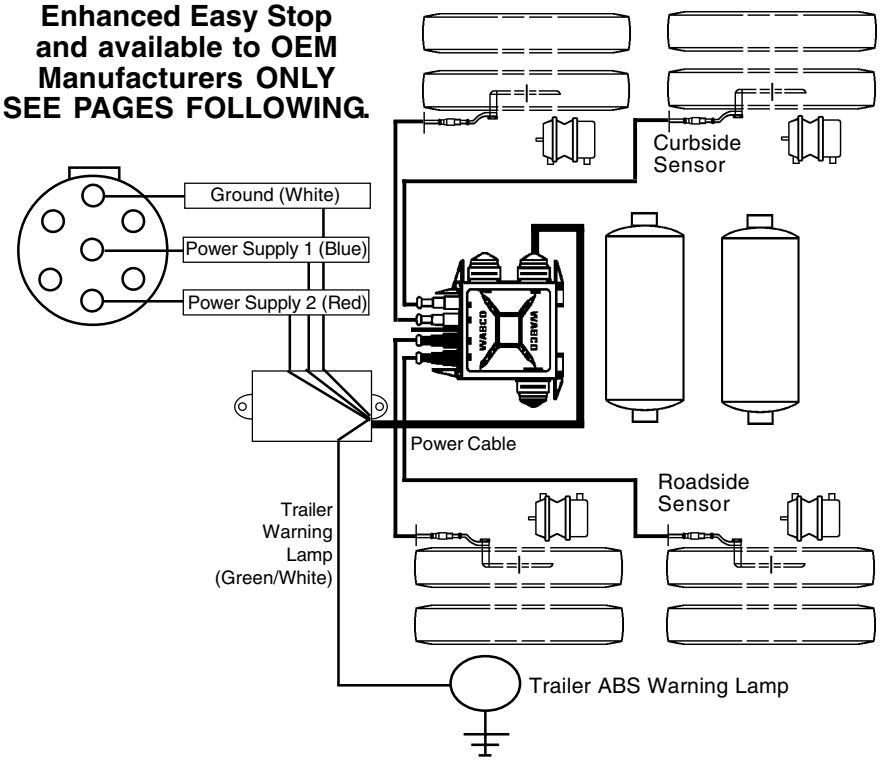
ABS ELECTRIC CONFIGURATION - 4S/2M - MERITOR/WABCO COMPONENTS

4 Sensor/2 Modulator Valve (4S/2M) Configuration Shown Suggested Electrical Diagram Tandem Suspension, Four Wheels Sensed

Kits are now **PLC Enhanced Easy Stop and available to OEM Manufacturers ONLY SEE PAGES FOLLOWING.**

KIT PART NO. 1544023

REPLACEMENT PARTS LIST		
Qty	**Part No.**	**Description**
1	4005001030	ECU
1	PEC4-48	48' Power Ext Cable
1	4493260050	1.6' Power Cable
4	4497130180	6' Sensor Ext cable
1	---	ABS Label For Lamp
1	---	Installation Guide
1	---	End of Line Test



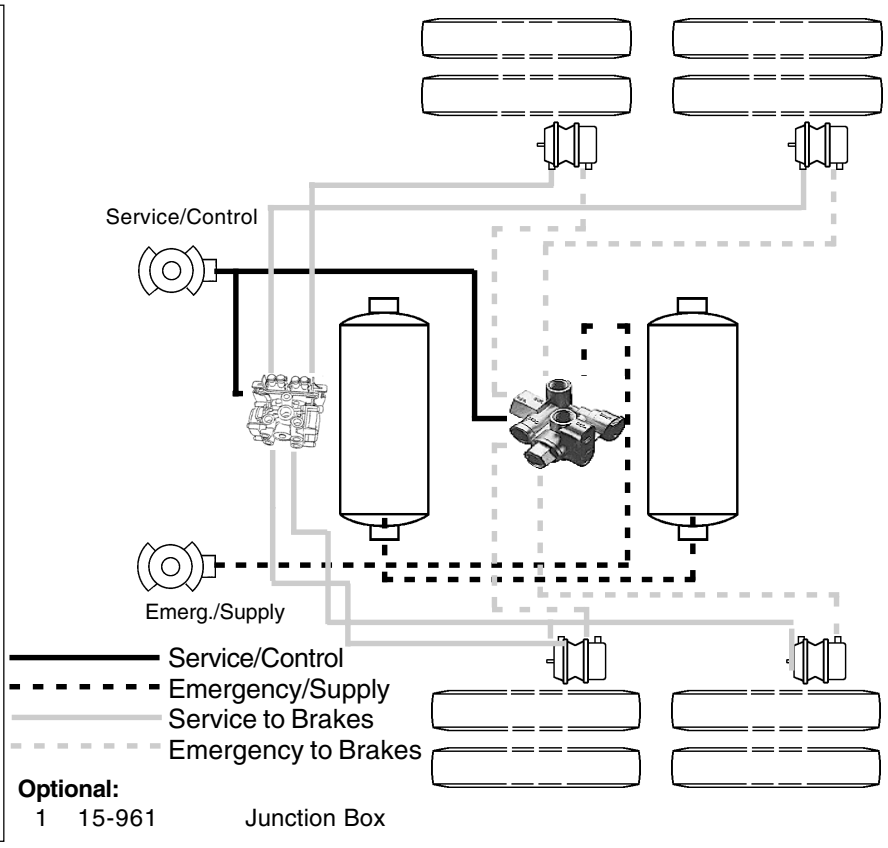
MERITOR WABCO

Enhanced Easy-Stop™

SUGGESTED ABS AIR CONFIGURATION - 4S/2M

TO FINISH THE AIR BRAKE AFTER ABS.

Valves & Tanks		
Qty	**Part No.**	**Description**
1	110500	Sprg. brake c'trol valve
1	6003	Valve mount'g nipple
2	1010330	Air Tank
Air Hoses, 3/8" Diameter, 3/8" Fittings		
4	16628	Hose ass'y, 28" long
4	16648	Hose ass'y, 48" long
Gladhands & Misc. Fittings		
1	1011451	Emerg. gladhand
1	1011452	Service gladhand
6	1010403	Hose separator
2	11304	Frame coupling
2	68NTA-6-6	Female connector
4	269NTA-6-6	Fitting
3	218P-12	3/4" hex head plug
2	218P-6	3/8" hex head plug
2	269-NTA-6-4	Fitting
2	264NTA-6	Fitting
8	3/8"-24x1 1/4"	Cap screw
8	3/8"-24	Lock nut
8	3/8"	Lock washer
4	HT-1068	Tank cushion pads
2	DC604-4	Tank drain valve
8	1011123	1/2" tube clamp
8	#10	Metal screw
2	6006	3/4" X 3/4" Hex Nipple
1	TL30257Y	Marker light
1	TL52200	Light pigtail



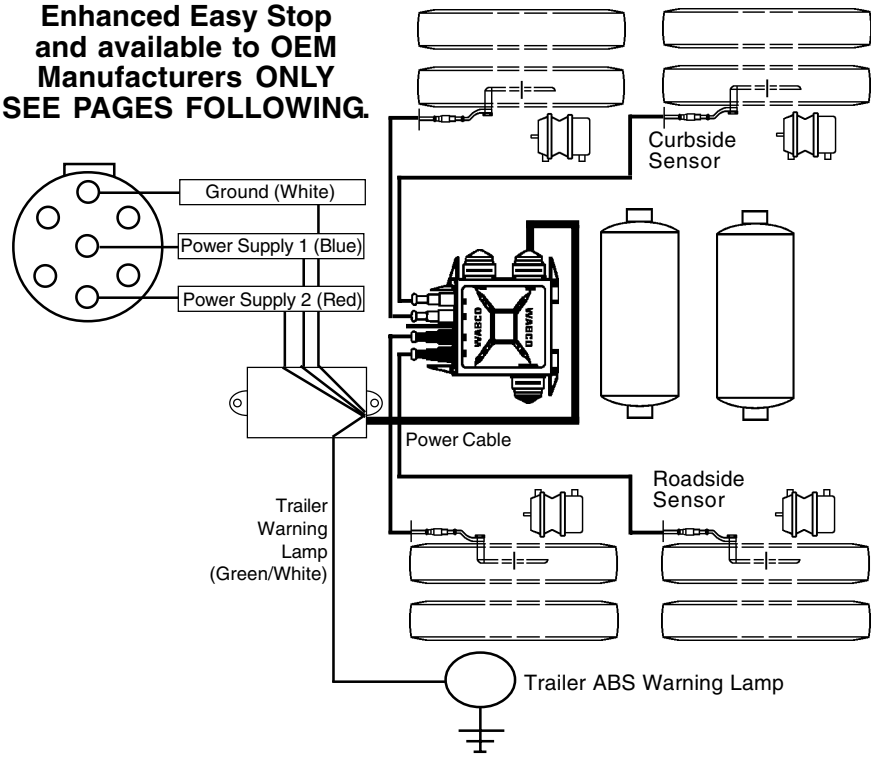
Optional:

1 15-961 Junction Box

ABS ELECTRIC CONFIGURATION - 4S/2M - MERITOR/WABCO COMPONENTS

4 Sensor/2 Modulator Valve (4S/2M) Configuration Shown Suggested Electrical Diagram Tandem Suspension, Four Wheels Sensed

Kits are now **PLC Enhanced Easy Stop and available to OEM Manufacturers ONLY SEE PAGES FOLLOWING.**



KIT PART NO. 1544222

REPLACEMENT PARTS LIST		
Qty	**Part No.**	**Description**
1	4005001030	ECU
1	4493260300	Power Cable 10 ft
4	4497130300	10' Sensor Ext Cable
1	---	ABS Label For Lamp
1	---	Installation Guide
1	---	End of Line Test

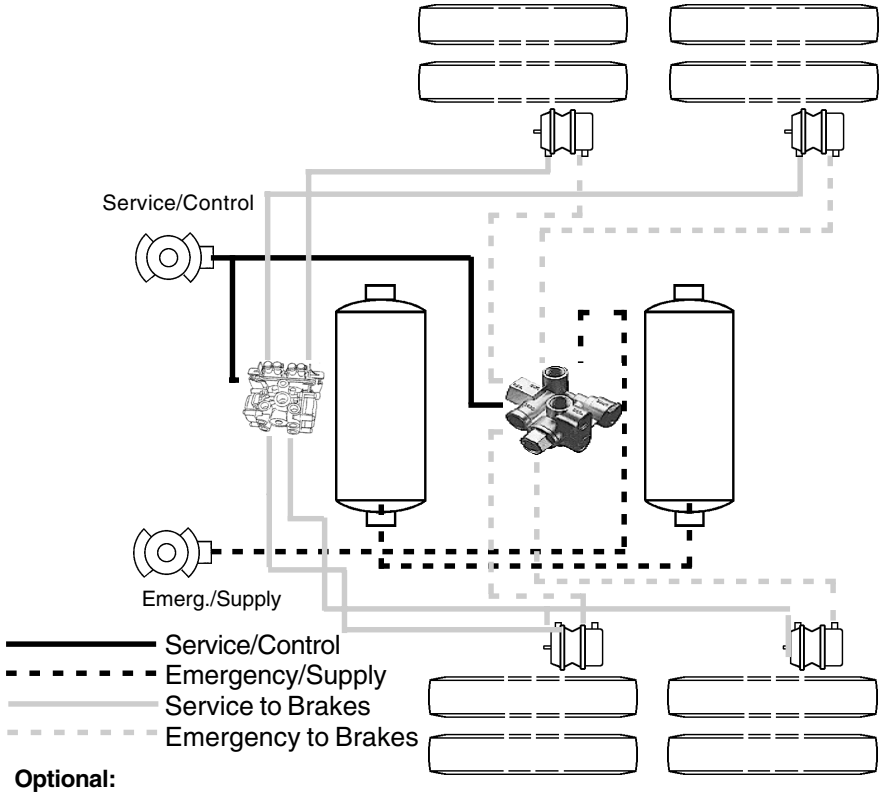
MERITOR WABCO

Enhanced Easy-Stop™

SUGGESTED ABS AIR CONFIGURATION - 4S/2M

TO FINISH THE AIR BRAKE AFTER ABS.

Valves & Tanks		
Qty	**Part No.**	**Description**
1	110500	Sprg. brake c'trol valve
1	6003	Valve mount'g nipple
2	1010330	Air Tank
Air Hoses, 3/8" Diameter, 3/8" Fittings		
4	16628	Hose ass'y, 28" long
4	16648	Hose ass'y, 48" long
Gladhands & Misc. Fittings		
1	1011451	Emerg. gladhand
1	1011452	Service gladhand
6	1010403	Hose separator
2	11304	Frame coupling
2	68NTA-6-6	Female connector
4	269NTA-6-6	Fitting
3	218P-12	3/4" hex head plug
2	218P-6	3/8" hex head plug
2	269-NTA-6-4	Fitting
2	264NTA-6	Fitting
8	3/8"-24x1 1/4"	Cap screw
8	3/8"-24	Lock nut
8	3/8"	Lock washer
4	HT-1068	Tank cushion pads
2	DC604-4	Tank drain valve
8	1011123	1/2" tube clamp
8	#10	Metal screw
2	6006	3/4" X 3/4" Hex Nipple
1	TL30257Y	Marker light
1	TL52200	Light pigtail



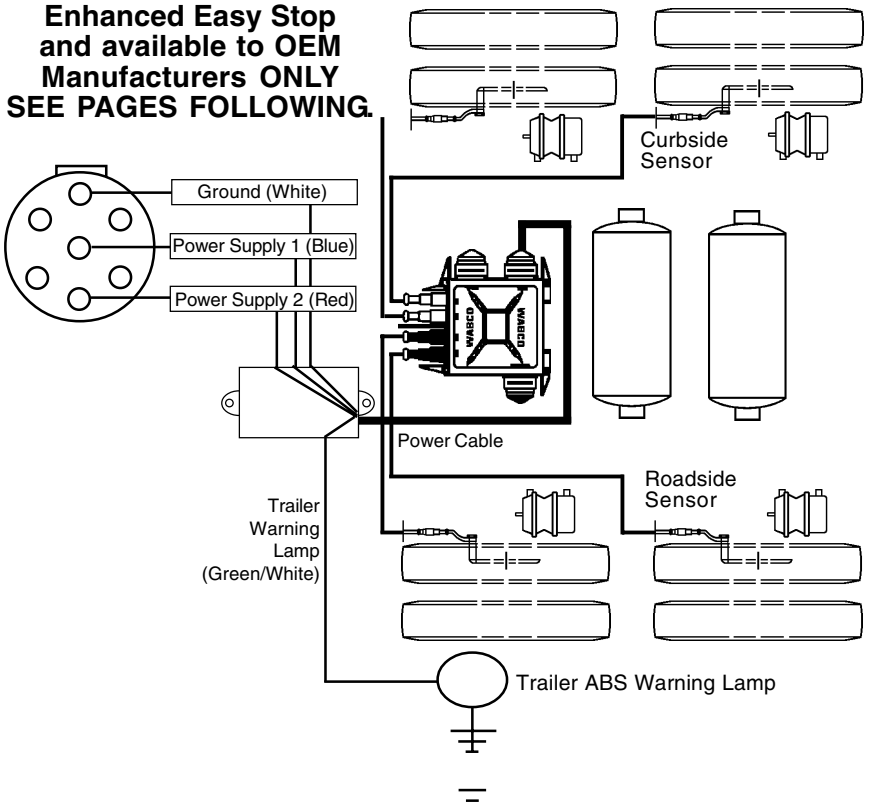
Optional:

1	15-961	Junction Box

ABS ELECTRIC CONFIGURATION - 4S/2M - MERITOR/WABCO COMPONENTS

4 Sensor/2 Modulator Valve (4S/2M) Configuration Shown Suggested Electrical Diagram Tandem Suspension, Four Wheels Sensed

Kits are now **PLC Enhanced Easy Stop and available to OEM Manufacturers ONLY SEE PAGES FOLLOWING.**



KIT PART NO. 1544223

REPLACEMENT PARTS LIST		
Qty	**Part No.**	**Description**
1	4005001030	ECU
1	4493260300	10' Power Cable
2	4497130300	6' Sensor Ext cable
2	4497130180	10' Sensor Ext cable
1	---	ABS Label For Lamp
1	---	Installation Guide
1	---	End of Line Test

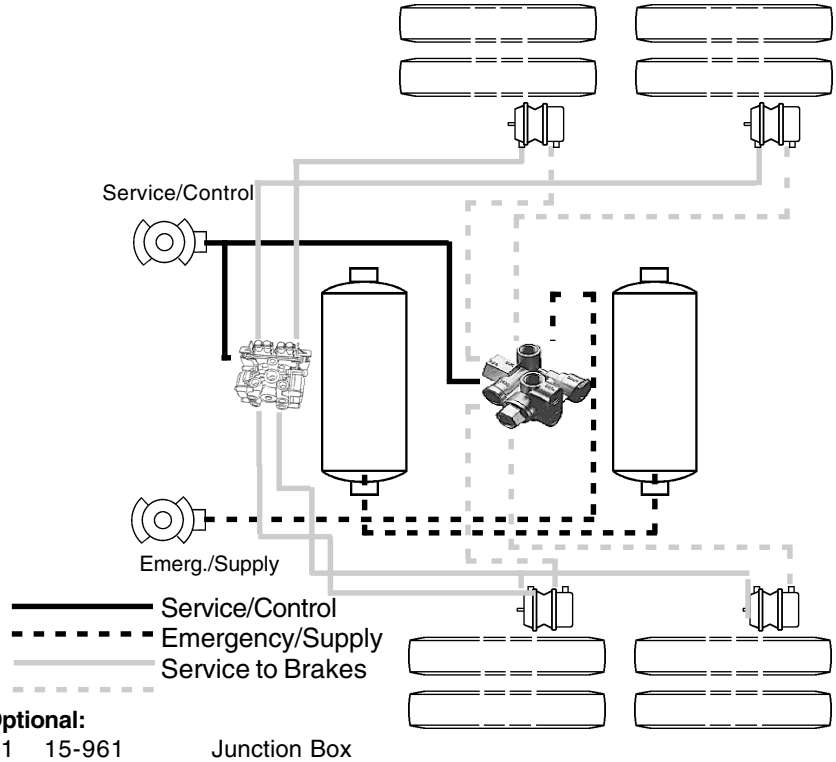
MERITOR WABCO

Enhanced Easy-Stop™

SUGGESTED ABS AIR CONFIGURATION - 4S/2M

TO FINISH THE AIR BRAKE AFTER ABS.

Valves & Tanks		
Qty	**Part No.**	**Description**
1	110500	Sprg. brake c'trol valve
1	6003	Valve mount'g nipple
2	1010330	Air Tank
Air Hoses, 3/8" Diameter, 3/8" Fittings		
4	16628	Hose ass'y, 28" long
4	16648	Hose ass'y, 48" long
Gladhands & Misc. Fittings		
1	1011451	Emerg. gladhand
1	1011452	Service gladhand
6	1010403	Hose separator
2	11304	Frame coupling
2	68NTA-6-6	Female connector
4	269NTA-6-6	Fitting
3	218P-12	3/4" hex head plug
2	218P-6	3/8" hex head plug
2	269-NTA-6-4	Fitting
2	264NTA-6	Fitting
8	3/8"-24x1 1/4"	Cap screw
8	3/8"-24	Lock nut
8	3/8"	Lock washer
4	HT-1068	Tank cushion pads
2	DC604-4	Tank drain valve
8	1011123	1/2" tube clamp
8	#10	Metal screw
2	6006	3/4" X 3/4" Hex Nipple
1	TL30257Y	Marker light
1	TL52200	Light pigtail



Optional:

1	15-961	Junction Box

EASYSTOP™ TO ENHANCED EASYSTOP™ CONVERSION KITS

Differences Between Easy-Stop and Enhanced Easy-Stop 2S/2M, 4S/2M and 4S/3M

There are some changes to Enhanced Easy-Stop that you need to be aware of before you begin the installation:

- Enhanced Easy-Stop includes Power Line Communication (PLC) function.
- The ECU/dual modulator valve assembly must be mounted as one unit.
- The LED on top of the ECU has been eliminated.
- Blink Code Diagnostics through external or ABS indicator lamp.

R955320
4S/2M ECU plus
old style/new style power cord adapter--no diagnostic cable.

R955321
4S/2M ECU plus
old style/new style power cord adapter--with diagnostic "Y" cable.

Differences Between Easy-Stop and Enhanced Easy-Stop 2S/1M Basic

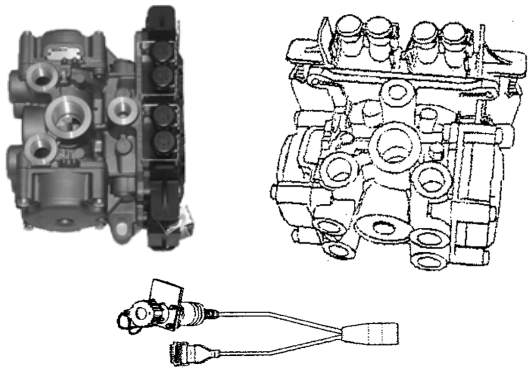
There are some changes to Enhanced Easy-Stop that you need to be aware of before you begin the installation:

- Enhanced Easy-Stop includes Power Line Communication (PLC) function.
- The ECU/single modulator valve assembly may be mounted as one unit or the ECU and the valve may be mounted or serviced separately.
- The assembly is shipped with valve cable between the ECU and valve disconnected from the ECU.
- The LED on top of the ECU has been eliminated.
- Blink Code Diagnostics through external or ABS indicator lamp.
- The control port on the Enhanced Easy-Stop single modulator valve is 3/8-inch — on previous versions it was 1/4-inch.

R955322
ECU/Modulator Valve Assembly, 2S/1M. ***DOLLY USE ONLY***

R955344
2S/1M ECU plus
old style/new style power cord adapter with power line adapter for trailer applications.

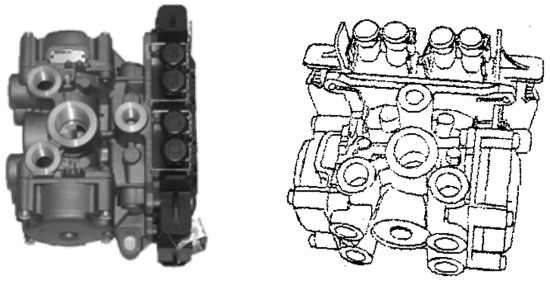
MERITOR WABCO ABS ENHANCED EASYSTOP™ CONVERSION KITS



MERITOR WABCO

Meritor WABCO 2S/2M and 4S/2M Enhanced Easy-Stop™ Replacement Kit for ECU/Modulator Valve Assembly *with* external diagnostics "Y" cable

Part No. R955321



MERITOR WABCO

Meritor/WABCO ECU/Valves
Application: Use on 2S/1M,2S/2M & 4S/2M systems *without* external diagnostic cable.

Part No. R955320

MERITOR WABCO

Meritor WABCO Enhanced Easy-Stop™ Trailer ABS Replacement Kits for Easy-Stop™ ECU/Modulator Valve Assembly, 2S/1M, with power line adapter.
For Trailer Applications Only (NO Dolly)
Replaces Meritor Part No. 4725000110,4725000210.

Part No. R955344

MERITOR WABCO

Meritor WABCO Enhanced Easy-Stop™ Trailer ABS Replacement Kits for Easy-Stop™ ECU/Modulator Valve Assembly, 2S/1M.
DOLLY USE ONLY
Replaces Meritor Part No. 4725000110

Part No. R955322

ENHANCED EASYSTOP™ PARTS STOCKED

(Add "S" to OE number for the aftermarket number)

PART NUMBER	DESCRIPTION
S4005001010	ECU Only (figure 1)
S4005001030	ECU Only (figure 2)
S4493260100	3.3 ' Power Cable (figure 3)
S4493260300	10' Power Cable (figure 3)
S4493260470	15.4' Power Cable (figure 3)
S4493641500	13.1' / 9.8' Power "Y" Cable (figure 4)
S4493641530	20' / 10' Power "Y" Cable (figure 4)

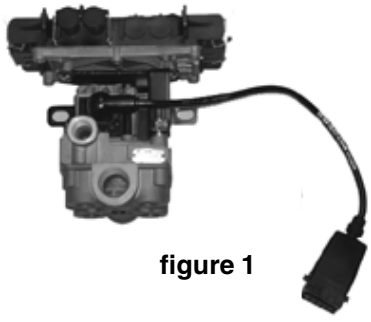


figure 1

figure 2

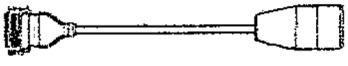


figure 3

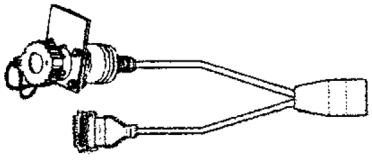


figure 4

Sensors and Sensor Extensions are Universal to Both Systems

MISCELLANEOUS EASYSTOP™ COMPONENTS

MERITOR WABCO

Meritor/WABCO	
Part No.	**Description**
S4493151500	ABS Power Cable, 4 Cond.,15m (49 ft.)

MERITOR WABCO

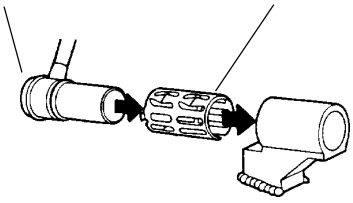
Meritor/WABCO	
Part No.	**Description**
SA13237L1130 (Pre-PLC)	ABS Diagnostic Cable with Tool

Bendix

1810000
1810002
1810003

MERITOR WABCO

1810001



Sensor Holder
(welded to axle spindle)

Common ABS Components	
Part No.	**Description**
1810000	Bendix (Eaton/Bosch) 1' Sensor
1810001	Friction Bushing
1810002	Meritor/Wabco 1' Sensor
1810003	Meritor/Wabco 3' Sensor

MERITOR WABCO

Part No.	Description
S8946049440	ABS Power Cable, 1m (39.37") With industry standard plug

Your Source For Complete ABS Systems and Parts

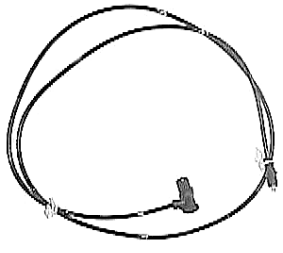
Meritor/WABCO

Haldex

Bendix

MERITOR WABCO

Meritor Wabco ABS	
Part No.	**Description**
R955212	ABS Relay Valve
Second modulator valve for use on 2S/2M and 4S/2M Systems	



MERITOR WABCO

Meritor/WABCO	
Part No.	**Description**
S4497130180	Sensor Extension Cable, 1.78m (6 ft.)
S4497130300	Sensor Extension Cable, 3.00m (10 ft.)

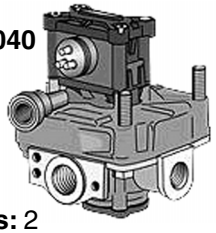
MERITOR WABCO

Right Angle (90°) Sensors		
Part Number	**Feet**	**Meters**
R955342	6.6	2.0

MISCELLANEOUS HALDEX & BENDIX ABS COMPONENTS

Modular Valve

Part No. AL364040



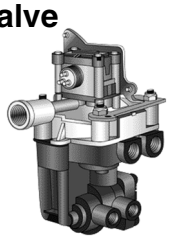
Number of Ports: 2
Mounting Port Size: 1/2 inch
Delivery Port Size: 3/8 inch
Mount: Reservoir
Application: 24mm 12 volt Solenoid

Trailer ABS Modular Valve - Less ECU

- ECU and bracket may need to be transferred from existing valve.
- 27mm, 12 volt valves require A41111000 adapter ring and 24mm replacement valve.

FFABS Valve

Part No. AL430611



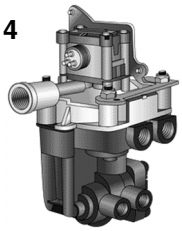
Number of Delivery Ports: 4
Delivery Ports Size: 3/8 inch
Pipe Thread: 1/2 inch NPT
ID Exhaust Cover: Black - Service Brake Priority

Trailer Service Brake Priority FFABS Valve

- ECU & bracket may need to be transferred from existing valve.
- Use inlet filter A906960 in off-highway applications.

FFABS Valve

Part No. AL430614



Number of Delivery Ports: 4
Delivery Ports Size: 3/8 inch
Pipe Thread: 3/4 inch NPT
ID Exhaust Cover: Black - Service Brake Priority

Trailer Service Brake Priority FFABS Valve

- ECU & bracket may need to be transferred from existing valve.
- Use inlet filter A906960 in off-highway applications.

Electronic Control Unit

Trailer ABS Modal ECU & Box Assembly

- Power Cord Adapter AL914627.
- Pre-March 1998 Modal Systems do not include interchange with Post-March 1998 Systems.

Part No. AQ154113

Pin Measurements:
- **Application/Notes:** Service As Assembly

Your Source For Complete ABS Systems and Parts

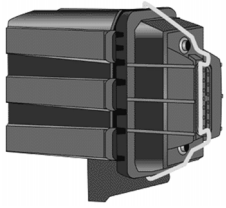
Meritor/WABCO

Haldex

Bendix

Electronic Control Unit

Part No. AL919302



Trailer ABS, MOD 1 ECU - SLH-A5-19 Pin

- OEM part no. is located on top of ECU.
- Post mandate ECU's include bail latch.

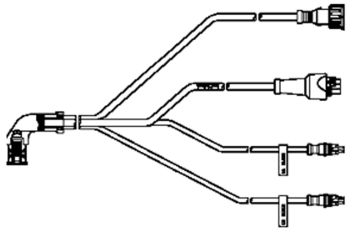
Pin Housing Dimensions:
3-1/2 inch Height x 5-3/8 inch Width
Application/Notes: 2 Keys -Diagonal

Bendix Pressure Modulator Valve	
Part No.	**System**
300073	Modular 12V ABS Valve

Loom Assembly

Trailer ABS 2S/1M - Mod 1 - SLH-A5 or SLH-A8 - 19 Pin Loom Assembly

- 1.5 foot (0.5m) power cord adapter.
- OEM part number is locted on loom decal



Part No. AL902104

Relay Valve Cable Extension

Trailer ABS Extension for Relay Valve Cable Extension

- Cable includes 100317N junction connector.

Length: 6 Feet (2M)

Part No. AL919813

DEXTER BRAKE ACCTUATION SYSTEMS

DEXTER PREDATOR SERIES BRAKE ACTUATION SYSTEMS

Dexter Axle is pleased to announce the introduction of the new Predator Series line of brake actuation systems. First in the series will be the **Predator DX2**. This model utilizes a patented deceleration sensor for smooth, proportional braking and can power up to four electric brakes. Features include a digital LED that displays voltage output to the brakes and assists with leveling set-up, numeric gain settings, independent manual override for full braking power, short circuit protection, and a seven year product warranty.

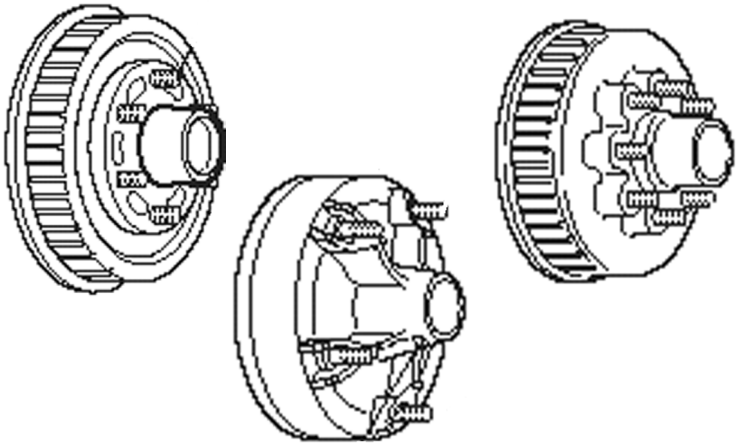
Part No. 058-008-00

DEXTER HUB & DRUMS

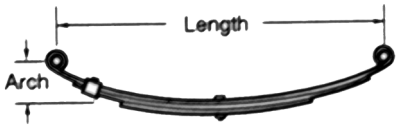
Part No. 008-174-05
5 spoke Hub & Drum-stud only.
Grease application, 6000 lb. rating.

Part No. 008-201-09
6 hole Hub & Drum Assembly
5200 lb. rating.

Part No. 008-219-04
8 on 6.5 Hub & Drum Assembly
Grease Application, 6000# rating



DOUBLE EYE TRAILER SPRINGS & PARTIAL AXLES



Part No. SP25325 (Dexter # 072-022-00)

3 leave, 26" length, 1,250# capacity

Part No. SP35425 (Dexter # 072-042-00)

4 leave, 26" length, 1,750# capacity

DEXTER DOUBLE EYE TRAILER SPRINGS & PARTIAL AXLES

Dexter Seals

Part No. 010-060-00
1.5 x 1.98 D-Lip Grease Seal
2000# axle

Part No. 010-036-00
2.25 x 3.37 D-Lip Grease Seal
6000# axle

Part No. 010-063-00
2.25 x 3.38 Oil Seal
6000# axle

DEXTER BRAKE ASSEMBLIES

YOUR SOURCE FOR DEXTER BRAKE ASSEMBLIES

Part No. 023-026-00 (LH)
Part No. 023-027-00 (RH)
10 X 2 1/4, 4 hole, Electric Brake, 3500#

Part No. 023-105-00 (LH)
Part No. 023-106-00 (RH)
12 x 2, 5 hole, Electric Brake, 5200#

Dexter Brake Parts

Brake Pads, Brake Hardware, Magnet Kits, Return Springs, Brake Adjusters, **...and more** are available from US!

DEXTER WHEELS

DEXTER WHEELS

Part No. 17-189-12
13 x 4.5, white spoke
5 hole-4.5"

Part No. 17-142-12
14 x 5., white spoke
5 hole-4.5"

Part No. 17-144-12
15 x 6
white spoke
6 hole-5.5"

Part No. 17-149-12
15 x 6, white spoke
5 hole-4.5"

TORFLEX AXLE ORDER FORM FOR AXLES 600 TO 10K HD.

Axle Capacity:_____

Hub Face:_____

Outside Bracket:_____

DEXTER AXLE

Brakes: Size: Electric
Hydraulic: Uni-Servo Free Backing Duo-Servo

No: Flange No Flange

Spindle Type: Grease EZ Lube Nev-r-lube Oil

Bolt Pattern: 4 on 4 | 5 on 4.50 (5.5 dia idler) | 4 on 4.50 (6.5 dia idler) | 5 on 4.75

5 on 5.00 | 6 on 5.50 | 8 on 6.50
Stud size 8 on6.5 only
1/2" 5/8" 9/16"

Start Angle Degree:
45 down | Zero
32 down | 10 up
22.5 down | 22.5 up
10 down

Bracket Orientation: LP STD (I) HP STD (I) 3" HP STD (I)
LP REV (O) HP REV (O) 3" HP STD (O)

Attaching Parts Kit: Side Mount Top Mount

-From Dexter-
If due to a customer error....
Dexter generally does not accept return of axles and/or beam assemblies unless a special re-stocking charge has been agreed upon. The standard restocking charge for these items is 50%. Axles and beams are items that have been custom made to a specific order. This potentially, results in many components being scrapped. The customer will be responsible for freight incurred for the return.

SPRING AXLE ORDER FORM FOR AXLES 2K THROUGH 8K

Axle Capacity:_____

Hub Face:_____

Spring Center:_____

Brakes: Yes: Electric
Hydraulic: Uni-Servo Free Backing Duo-Servo

No: Flange No Flange

Spindle Type: Straight 4” Drop 6” Drop
Grease EZ Lube Nev-r-lube (straight only)
Cartridge size of Nev-R-Lube

Bolt Pattern:

Hub Size (Idler 2k)

Spring: Yes: Double Eye: Length: Capacity:
Slipper: Length: Capacity:
No:

Spring Mount: Over Under Seats Loose 1.75” wide
2” wide

Hanger Kit:

Attaching Parts Kit:

-From Dexter-
If due to a customer error....
Dexter generally does not accept return of axles and/or beam assemblies unless a special restocking charge has been agreed upon. The standard restocking charge for these items is 50%. Axles and beams are items that have been custom made to a specific order. This potentially, results in many components being scrapped. The customer will be responsible for freight incurred for the return.

SPRING AXLE ORDER FORM FOR AXLES 9K THROUGH 15K

Axle Capacity:_____

Hub Face:_____

Track Width:_____

Spring Center:_____

Brakes: Yes: Electric
Hydraulic: Uni-Servo Free Backing Duo-Servo
n/a on 9k & 10k general duty axles
No: Flange No Flange

Spindle Type: Grease Oil

Air Chamber: Type 20 20/24 spring brake
Type 30 30/30 spring brake

Cam Length: Standard Special Length
Slack Adjuster Manual Automatic

Bolt Pattern:

Hub Size (Idler 2k)

Spring: Yes: Slipper: Length: Capacity:

No:

Spring Mount: Over Under Seats Loose

Hanger and A/P Kits:

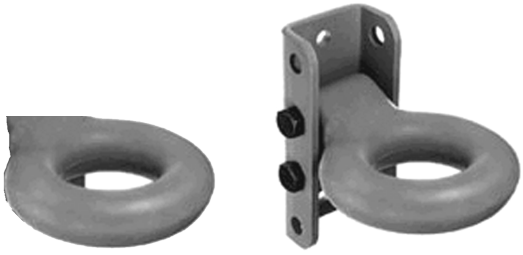
SIngle Axle:9k	HAP-105-00		
10k Gen	2-1/2" Spring HAP-156-00	3" spring HAP-103-00	
10k H-D thru 15k	HAP-103-00		
Multiple Axles	**38"spacing**	**42.25 spacing**	**48"spacing**
9k	HAP-205-01	HAP 205-02	HAP-205-03
10k 2.5"spring	HAP-256-01	HAP 256-02	HAP-256-03
10k H-D thru 15K 3"spring	HAP-203-01	HAP 203-02	HAP-203-03

Please Note:
Single Axle applications require (1) Single Axle Hanger and AP Kit
Tandem Axle applications require (1) Single Axle Hanger & AP kit & (1) Multi Axle Conversion Kit Triple Axle applications require (1) Single Axle Hanger & AP kit & (2) Multi Axle Conversion Kits
THE SAME RETURN POLICY HOLDS TRUE FOR THESE AS THE OTHER 2 NOTED.

BUYERS PRODUCTS

Part No. BH82000
Combo Hitch & Hook
w/ 2" Hard Chrome Ball
16,000# max weight.

Part No. B16137
Adjustable Eye Only
3" I.D., 2" mounting.



Part No. B03835SC
Safety Chain w/ hook
10,000 #, 3/8" X 35"

Part No. BDL253
Lunette Eye Hook

Part No. B38W
D-RIng 4,000# rating

Part No. BSC3835
Safety Chain w/ hook
15,000 # max, 3/8" X 35"

TEKONSHA PRODUCTS

Part No. 90185
Prodigy Electronic Controller
Inertia-Activated Brake for 1 to 4 Axle Brake.
"Self-Leveling" ; Tekonsha's "Smart Control."
Limited Lifetime Warranty.

Part No. 9030
Voyager Electronic Brake Control
1 to 4 axle systems.
"The best valve you will find for smooth
and secure trailer braking.
5 year Limited Warranty.

Part No. 2028
Break Away Kit
for Single and Tandem Trailers.
Includes: Battery Case w/ mounting bracket,
2023X sealed 12V-5 Amp battery,
2024 DC-DC maintenance battery charger,
2130 Nylon beakaway switch.

Part No. 9055
Sentinel Electronic Brake
Control 1 to 4 Axle Systems.
"Ergonomic design allows for contour
installation on the dash.
5 year limited warranty.

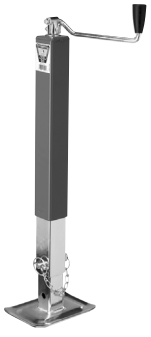
Part No. 2024
Maintenance Charger DC to DC 12 volt
"Provides maintenance-free assurance
that breakaway batteries are always fully
charged." Auto shut off to prevent overcharging.

HAMMERBLOW PRODUCTS

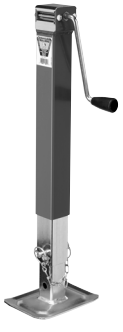
Part No.182400
Drop Leg Jack
12,000# rating
Direct Weld Mount
Standard Disc Foot
12.5" of Travel.

Part No.182800
Drop Leg Jack
with Spring Return
12,000# rating
Direct Weld Mount
Standard Disc Foot
12.5" of Travel.

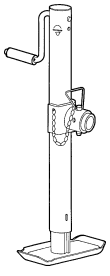
Part No.190500
Top Wind Jack
7000# rating
Direct Weld Mount
15" of Travel.



Part No.190510
Sidewind Jack
7000# rating
Direct Weld Mount
Drop Leg
15" of Travel.



Part No.158151
Side Wind
Swivel Jack
2000# rating
Weld on Tubular mount included
15" Travel



FULL LINE OF HAMMERBLOW/BULLDOG JACKS AND COUPLERS ARE AVAILABLE!

Part No. 3473007
Tire&Wheel
ST205/75R-15
5 HOLE, 2,150# rating LRC
White Spoke Wheel

CARLISLE
Tire & Wheel Company

Part No. 3496001
Tire & Wheel
ST225/75R-15
6 hole, 2,450# rating

CARLISLE
Tire & Wheel Company

Part No. 3470007
Tire & Wheel
ST205/75R-14
5 hole, 1,760# rating LRC
White Spoke Wheel

CARLISLE
Tire & Wheel Company

Part No.S035007
Tire & Wheel
5.30x12, spoke
1,045# rating LRC
White Spoke Wheel

CARLISLE
Tire & Wheel Company

Part No.S726204
Tire & Wheel
4.80x8, spoke
745# rating LRC
White Conventional

CARLISLE
Tire & Wheel Company

Part No.U746204
Tire & Wheel
18.5x8.5-8
5 hole, 940# rating LRC
White Conventional

CARLISLE
Tire & Wheel Company

SPRING BRAKES

Long Stroke Brake Chambers

Watch your brake chambers! Most new vehicles are now being equipped with long-stroke brake chambers.This allows more stroke than older models. You will find clamp type 20 and clamp type 16 long stroke chambers on the steering axles and clamp type 24 and clamp type 30 long stroke chambers on other axles. Some of the type 30 chambers allow a three-inch stroke.

A long stroke brake chamber can be identified by the raised inlets, embossed etching on the side of the chamber and/or a trapezoidal shaped I.D. tag indicating long stroke, and the maximum stroke allowed.

The key advantage of the extra stroke available from the actuator's unapplied position to full extension, is that it keeps brakes in adjustment longer, reduces out of adjustment citations and improves brake efficiency.

All VENDORS advise to never install long stroke and standard stroke chambers on the same vehicle. This can cause poor brake balance and timing.

When servicing these brake actuators, it is imperitive that strict attention is paid to the components. These chambers have push rod stroke capabilites in excess of the standard 2.25" to 2.5" design. The components are unique, and include the following: (They are identified as " Long Stroke"-"LS"-or"3"stroke")

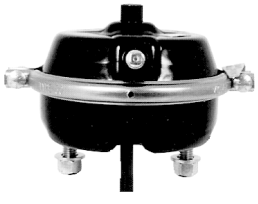
•service diaphram •service housing •service pushrod •complete piggyback

All Navistar 2000 & Newer Buses Now Have Long Stroke Brake Chambers With Square Ports. Long Stroke Chambers Provide 17% More Stopping Ability On A Hot Stop!!

Short Stroke w/
Round Ports

Long Stroke w/
Square Ports

According to MGM, single chambers-service chambers also have the square ports, and show pictures of the models to indicate this in the literature they provide. These pictures were scanned from that catalog.



SPRING BRAKES

ANCHORLOK®

GOLD SEAL SPRING BRAKE CHAMBERS	
PART NO.	**DESCRIPTION**
GC2430	Type 24/30, Less Clevis
GC3030	Type 30/30, Less Clevis
GC2424	Type 24/24, Complete With Clevis
GC3036	Complete Chamber Type 30/36, Less Clevis
GC3636	Complete Chamber Type 36/36, Less Clevis

SEALED PIGGYBACK CHAMBERS	
PART NO.	**DESCRIPTION**
GP3036	TYPE 30/36 GP Gold Seal Piggyback
GP3636	TYPE 36/36 GP Gold Seal Piggyback
GP3030	Type 30/30 GP Gold Seal Piggyback
GP2430	Type 24/30 GP Gold Seal Piggyback
GP2424	Type 24/24 GP Gold Seal Piggyback

ANCHORLOK LONG STROKE SPRING BRAKES

LONG STROKE SPRING BRAKE CHAMBERS	
PART NO.	**DESCRIPTION**
GC3030L	Long Stroke Chamber Type 30/30
GC2424L	Long Stroke Chamber Type 24/24
PIGGYBACK LONG STROKE CHAMBERS	
PART NO.	**DESCRIPTION**
GP3030L	Long Stroke Piggyback, TYPE 30/30
GP2424L	Long Stroke Piggyback, Type 24/24

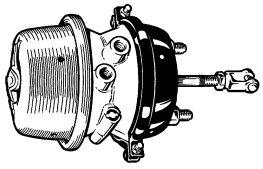
PIGGYBACK KITS

	PIGGYBACK KITS- ALL BRANDS
PART NO.	**DESCRIPTION**
1010453	Carlisle Type 30/30 Piggyback Kit w/ Diaphram Kit
3429008	MGM Piggyback Kit, TR2403L
3230008	MGM 3" Long Stroke Piggyback, Includes Diaphram & Clamp
5007610	Bendix Type 30/30 Piggyback, w/ Dia. & Clamp
MP3030K	Haldex Piggyback Kit includes diaphragm and clamp

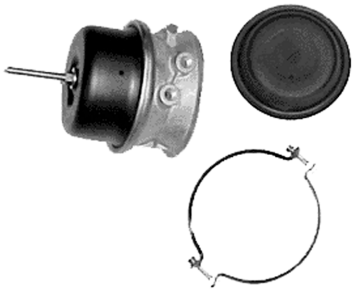
LIFESEAL™

LIFESEAL™ COMPLETE SPRING BRAKE CHAMBERS	
PART NO.	**DESCRIPTION**
LC3030	Type 30/30, Less Clevis
LC3030L	3" Long Stroke Chamber Type 30/30, Less Clevis

LIFESEAL™ SEALED PIGGYBACK CHAMBERS	
PART NO.	**DESCRIPTION**
LP3030	TYPE 30/30
LP3030L	Long Stroke Piggyback, TYPE 30/30



Haldex



MGM®

CARLISLE

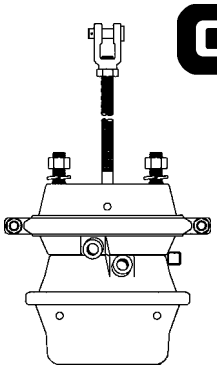
Bendix

SPRING BRAKES

BLACK MAX II
"Advanced Design & Function"

Permanently Sealed Spring Chamber, With Powder Coated Components Including The Power Spring. The push rod has a stroke indicator, and is powder coated for long life.

COMPLETE SPRING BRAKE CHAMBERS	
PART NO.	**DESCRIPTION**
1010450	Type 24/24, Complete with Clevis
1010447	Type 30/30, **Less Clevis**
1010449	Type 30/30, **Complete With Clevis**
SEALED PIGGYBACK CHAMBER	
1010448	Type 3030, w/sealed spring chamber



CARLISLE

WARNING!
Do not attempt to remove or service the spring chamber clamp ring on any spring brake. The large spring in the spring chamber has extreme force which could cause serious bodily injury if it were suddenly released due to inadvertent removal of this clamp.

MGM

All units are furnished with a universal fully threaded rod which must be cut to the correct length.

"Tamper Resistant" design prevents accidental disassembly of the power spring housing.

MGM BRAKES
TR MODEL
Double Diaphragm Type

Size	Stroke	Combination Part No.	Piggyback Plus Kit
2424L	2.50	**3427051**	**3427008**
2430L	2.50	**3429051**	**3429008**
3030	2.50	**3430051**	**3430008**
3036	2.50	**3433051**	**N/A**
3636	3.00	**3437051**	**3437001***

*** Piggyback Only**

All models available with optional MGM heavy duty weld reinforced mounting pads. This would be a special order.

MGM

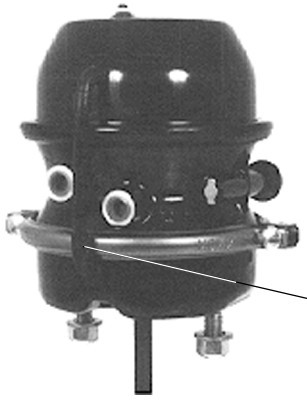
Note: These model sized offered only in combination assemblies with MGM heavy duty weld-reinforced mounting base.

Use these models to replace like (long stroke) brake chambers only.

MGM BRAKES
S-CAM
TR LONG STROKE MODEL
Double Diaphragm Type

Size	Stroke	Combination Part No.	Piggyback Plus Kit
3030LP3	3.00	**3230051**	**3230008**

SPRING BRAKES



MGM BRAKES
S-CAM
TRTS MODEL
Double Diaphragm Type

Size	Stroke	Combination Part No.
3030	2.50	**3531051**

With the MGM Model TR-TS Series Full Epoxy Coated External Tube Breather System, the power spring chamber is "sealed" against any contaminated and corrosive outside air because 100% of the air drawn in originates from the inside protected area of the service brake chamber. The result is an MGM spring brake that is CORROSION-FREE...proven in over 25 years of use on heavy vehicles of European origin equipped with MGM-Europa spring brakes.

MGM BRAKES
S-CAM
LTR-T MODEL
Double Diaphragm Type

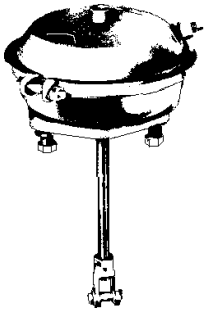
Size	Stroke	Combination Part No.
3030-T	2.50	**3831051**

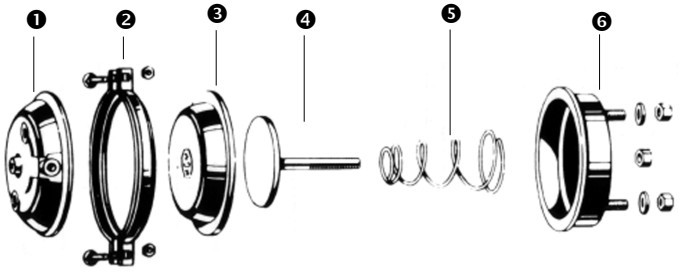
With the MGM Model LTR-T Series Full Epoxy Coated External Tube Breather System, the power spring chamber is "sealed" against any contaminated and corrosive outside air because 100% of the air drawn in originates from the inside protected area of the service brake chamber. The result is an MGM spring brake that is CORROSION-FREE...proven in over 25 years of use on heavy vehicles of European origin equipped with MGM-Europa spring brakes.

SERVICE CHAMBERS & COMPONENTS

SERVICE CHAMBERS
Fully Threaded Push Rod, Complete With Yoke Assembly

DESCRIPTION	TYPE 9	TYPE 12	TYPE 16	TYPE 20	TYPE 24	TYPE 30
Complete Air Chamber	MA36090M	1036120	1036160	1036200	1036240	1011900





Item	PART DESCRIPTION	CHAMBER SIZE					
		TYPE 9	TYPE 12	TYPE 16	TYPE 20	TYPE 24	TYPE 30
		COMPONENT PART NUMBERS					
1	Cover Assembly	1036092*	1036122*	1036162*	1036202*	1036242	1036302
2	Clamp Band Kit	0964003	1264003	1664005	2064004	1019248	1019308
3	Diaphragm	1018090	1018120	1018160	1018200	1018240	1018300
4	Push Rod Assembly	1036091*	1036121*	1036161*	1036201*	1036241	1036301
5	Return Spring	1036094*	1036124*	1036164*	1036204*	1036204*	1036304
6	Non-Pressure Body	1036093*	1036123*	1036163*	1036203*	1036243	1036303

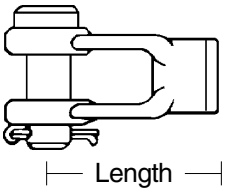
*** At the time of Printing these were Non-Stock.**

SPRING BRAKE & SERVICE CHAMBER ACCESSORIES

LONG STROKE BRAKE DIAPHRAGMS

Part No.	Description
2462001	Type 24 Long Stroke
3062007	Type 30 Long Stroke

FORGED YOKE ASSEMBLIES



Complete with clevis pin and cotter pin.
Zinc and Dichromate plating.

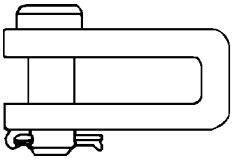
Part No.	Pin Size	Length	Thread	Chamber Size
1036470	1/2"	1.88"	5/8"-18	20,24,30
KN36480	5/8"	1.88"	5/8"-18	20,24,30

Haldex

Part No.	Pin Size	Length	Thread	Chamber Size
KN36490	1/2"	1.81"	1/2"-20	9,12,16
KN36460	5/8"	2.50"	5/8"-18	20,24,30

STAMPED YOKE ASSEMBLIES

Complete with clevis pin and cotter pin.
Zinc and Dichromate plating.



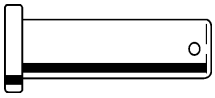
Haldex

Part No.	Pin Size	Length	Thread	Chamber Size
19105	1/2"	1.50"	5/8"-18	20,24,30

CLEVIS PINS

1/2" Pin
Part No. 19100

5/8" Pin
Part No. 19102



CLEVIS FOR MIDLAND AND GUNITE AUTOMATIC SLACKS

Includes 2 clevis pins and 2 cotter pins.

For 5/8" Threaded Pushrod
Part No. AS3000

For 1/2" Threaded Pushrod
Part No. AS3001

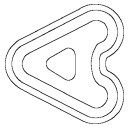
DUST BOOT

Plate and rubber boot for chambers with 4 3/4" mounting centers (Type 20, 24,30 & 36). Protects inside of service chamber.
Part No. 11M034

CAGING BOLT PLUG

For Anchorlok spring brakes
For aluminum (Blue)
Part No. 9999039
For Steel (Gold)
Tethered, with retainer
Part No. 9999116

ANCHORLOK



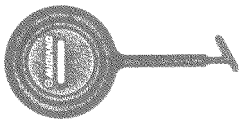
SPRING BRAKE RELEASE STUD ASSEMBLY

For spring brakes 0916, 1216, 1624. 2024, 2424, 2430, 3030.
Part No. 9999036
For spring brakes 0912, 1212
Part No. 44M011
For spring brakes 3036, 3636:
Part No. 1128M011

DUST PLUG

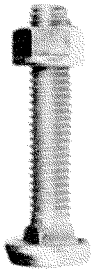
New Style for Midland spring brakes.
Replaces 10050 old style
Part No. M143982

Haldex



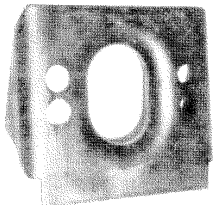
AIR CHAMBER CLAMP BOLTS

Bolt and Nut Assembly
3/8"-16 X 2 3/16".
Replaces
Anchorlok 11M052 Bolt
11M051 Nut
MGM Kit 9003001
Part No. NL1133



AIR CHAMBER BRACKETS

Universal Bracket
for 5 Inch Round Axles
Including Spicer, Std. Forge.
5/16" Thick. Can be used with spring brakes.
Part No. NL1120

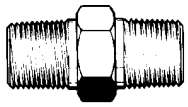


Bracket for 5" round axles
including Eaton, Rockwell, Std. Forge. 5/15" thick.
Can be used with spring brakes.
Part No. NL1103

FACTORY ASSEMBLED AIR HOSE ASSEMBLIES

- **TYPE B**
- **Single Swivel**
- **Permanent Fittings**
- **Meets All SAE J1402 and DOT 106 Specifications**

Hose Rack Part No. 691020



HOSE END ADAPTORS
Changes NPTF end fitting sizes on hose assemblies.

Hose I.D.	NPTF Size	Part No.
3/8"	1/4"	**N12306**
3/8"	3/8"	**N12306G**
1/2"	3/8"	**N12306AG**

3/8" Hose, 1/4-18 NPTF Fittings					
16012	12"	**16028**	28"	**16042**	42"
16014	14"	**16030**	30"	**16044**	44"
16018	18"	**16032**	32"	**16046**	46"
16020	20"	**16034**	34"	**16048**	48"
16022	22"	**16036**	36"	**16054**	54"
16024	24"	**16038**	38"	**16060**	60"
16026	26"	**16040**	40"	**16066**	66"
				16072	72"

3/8" Hose, 3/8-18 NPTF Fittings					
16614	14"	**16630**	30"	**16644**	44"
16618	18"	**16632**	32"	**16646**	46"
16620	20"	**16634**	34"	**16648**	48"
16622	22"	**16636**	36"	**16654**	54"
16624	24"	**16638**	38"	**16660**	60"
16626	26"	**16640**	40"	**16672**	72"
16628	28"	**16642**	42"		

1/2" Hose, 3/8-18 NPTF Fittings					
16314	14"	**16330**	30"	**16344**	44"
16318	18"	**16332**	33"	**16346**	46"
16320	20"	**16334**	34"	**16348**	48"
16322	22"	**16336**	36"	**16354**	54"
16324	24"	**16338**	38"	**16360**	60"
16326	26"	**16340**	40"	**16372**	72"
16328	28"	**16342**	42"	**16384**	84"

RUBBER AIR BRAKE HOSE DOUBLE SWIVEL

- Both ends swivel.
- Minimum burst pressure of 900 PSI.
- Conforms to SAE J1402 specifications.
- Maximum operating pressure of 225 PSI.
- Operating temperature of -40°F to +200°F.

Part No.	Hose Size	Fitting Size
16420	3/8"	3/8"
16424	3/8"	3/8"
16426	3/8"	3/8"
16428	3/8"	3/8"
16432	3/8"	3/8"
16436	3/8"	3/8"

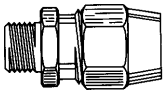
Part No.	Hose Size	Fitting Size
16444	3/8"	3/8"
16448	3/8"	3/8"
16452	3/8"	3/8"
16456	3/8"	3/8"
16466	3/8"	3/8"
16672	3/8"	3/8"

BULK AIR BRAKE HOSE

- **TYPE B**
- **Meets All SAE J1402 Specifications**
- **200 P.S.I.**

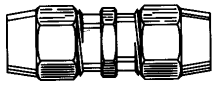
	3/8" I. D. HOSE	1/2" I.D. HOSE
250 Foot Coil	**Part No. 1014307-250**	**Part No. 1014310-250**
50 Foot Coil	**Part No. 1014307-50**	**Part No. 1014310-50**

REUSABLE AIR BRAKE HOSE FITTINGS

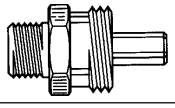


FITTING ASSEMBLY NPTF Male Less Guard Spring
For 3/8" Hose
1/4" NPTF **Part No. 11903**
3/8" NPTF **Part No. 11904**
1/2" NPTF **Part No. 11905**
For 1/2" Hose
3/8" NPTF **Part No. 11804**
1/2" NPTF **Part No. 11805**

FITTING ASSEMBLY With Spring Guard
For 3/8" Hose
1/4" NPTF **Part No. 11900**
3/8" NPTF **Part No. 11901**
1/2" NPTF **Part No. 11902**
For 1/2" Hose
3/8" NPTF **Part No. 11801**
1/2" NPTF **Part No. 11802**



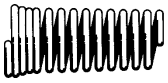
UNION ASSEMBLY
For 3/8" Hose
Part No. 11913



BODY
For 3/8" Hose
1/4" NPTF - **11907**
3/8" NPTF - **11908**
1/2" NPTF - **11909**

NUT
For Fitting Without Spring 3/8" Hose
Part No. 11906

NUT
For Fitting With Spring
Part No. 11910

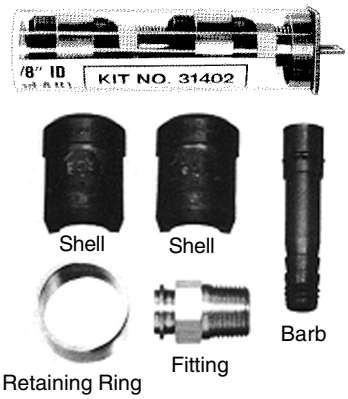


SPRING
3/8" Hose
Part No.11911

FERRULE
3/8" Hose: **Part No. 11912**
1/2" Hose: **Part No. 11812**

AIR BRAKE HOSE END FITTING KITS WITH SWIVEL

Contains 2 fittings to equip one hose. Meets the requirements of DOT 106 and SAE J1402. Each kit contains two corrosion resistant brass and nylon fittings with swivel ends. Kits for both 3/8" and 1/2" hose available.



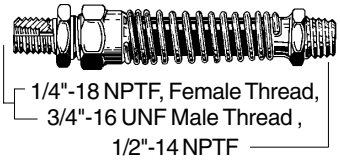
Hose Size	NPTF Fitting Size	Kit Part No.
3/8"	3/8"	**31402**
3/8"	1/2"	**31403**

Press Fit Required

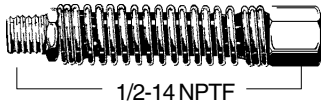
Hose Size	NPTF Fitting Size	Kit Part No.
1/2"	3/8"	**31305**

3/8" I.D. X 6" LONG NOSE BOX HOSE ASSEMBLIES

Interline Style
Both ends swaged.
Part No. 26005

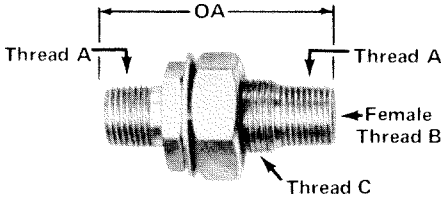


Recessed Style
Reusable fitting one end, swaged fitting opposite end.
Part No. 26006

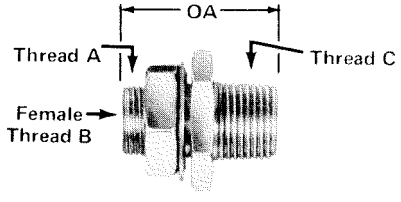


Fleetline Style
Both Ends swaged
Part No. 26007

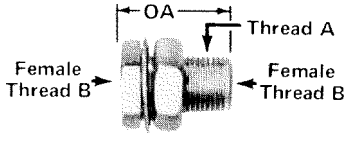
FRAME NIPPLES



Part No.	A	B	C	OAL
11300	1/2" NPTF	1/4" NPTF	1-14 UNS	2-7/8"



Part No.	A	B	C	OAL
N11171B	3/4-16 NF	1/4" NPTF	1/2" NPTF	1-11/16"
11315	1-14 UNS	1/4" NPTF	1/2" NPTF	2-1/8"
11304	1-14 UNS	3/8" NPTF	1/2" NPTF	1-5/8"



Part No.	A	B	OAL
11306	3/4-16 NF	1/4" NPTF	1-3/8"
11307	1-14 UNC	3/8" NPTF	1-3/8"

POGO STICKS AND GLADHAND ACCESSORIES

GLADHAND BRACKETS

For direct cab mount
Part No. D381201

For use on pogo
Part No. 1011403

Part No. 1011402
"Dummy" Holder w/chain

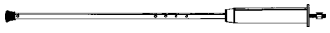
40" POGO STICK Accessories

(A) **34241** Nylon straps, one red, one blue, with eyebolt.
(B) **1011403** Gladhand bracket Kit

Ⓐ

Ⓑ

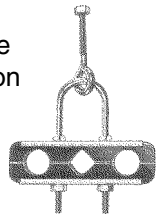
Stick Part No. 1013543



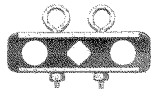
Chromed Version of Pogo Stick
Part No. 1013544

SUPPORT CLAMPS
For 3/8" I. D. Hose

Rubberized. Can be used for coiled nylon or rubber hose. Complete with U-bolt
Part No.1011544



Three hole, Double eyebolt
Part No. 1011543



HOSE CLAMPS
3 hole hose clamp For 3/8" and 1/2" I.D. hoses.
Part No. 11546

2 hole, single eyebolt clamp, for 3/8" hose
Part No. 1011541

3 hole, double eyebolt clamp, for 3/8" hose
Part No. 1011543
Part No. 1011544

GLADHAND SEALS
Neoprene, black, full face.
Part No. 1010028

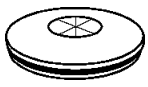
Neoprene, black, Compression type.
Part No. 1010029

Polyurethane
For extended service

Color	Part No.
Red (Emerg.)	**1010031**
Blue (Service)	**1010030**
Black	**1010032**

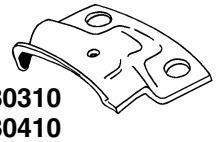
40" POGO STICK
Zinc plated with yellow dichromate. Swivels at base. 7/16"-20 stud.
Part No. 1013418

PROTECT-O SEAL
Helps prevent contamination of air system
Part No. 10024



GLADHAND FILTER
Air system protection
Part No. 1010035

GLADHAND CLAMP
Midland old style
Service: Part No. D380310
Emerg: Part No. D380410



HOSE SEPARATOR
Prevents hoses from rubbing together. White plastic composite

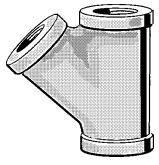
Hose Size	Part No.
3/8" I. D.	**1010403**
1/2" I. D.	**1010404**

HOSE SUPPORT SPRINGS
High tensile spring steel

Length	Part No.
12.62"	**1013425**
25.09"	**1013423**
12.38"	**11601**
15.42"	**11603**

HOSE HOLDER
For three hoses
Part No. 17-157

GLADHAND ELBOW-Aluminum
Mounting holes 2.16" on centers
3/8" ports
Part No. 11312



PIPE FITTING
Galvanized.
All ports 1/2" NPTF
Part No. 1011460

GLADHANDS

STANDARD GLADHANDS
Aluminum with steel face.
1/2"-14 NPTF port.

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Configuration		Part No.
Universal	(No Color)	**1011450**
Service	(Blue)	**1011452**
Emergency	(Red)	**1011451**

1/2"-14 NPTF

3/8"-18 NPTF

37° BRACKET MOUNT FILTERED ALUMINUM GLADHAND
Pipe plug installed in 3/8" port.
Service:
Part No. 1011440
Emergency:
Part No. 1011441

GLADHANDS

Haldex

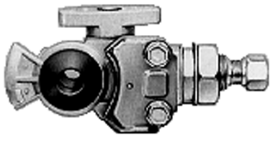
40° ANGLE BRACKET MOUNT GLADHANDS
Available in both 3/8" and 1/2" port sizes Polarized and color coded in emergency and service configurations. Includes full face style gladhand seal.

3/8" Ports		1/2" Ports	
CONFIGURATION	PART NO.	CONFIGURATION	PART NO.
Service	**11440**	Service	**11444**
Emergency	**11441**	Emergency	**11445**

DUMMY GLADHAND
Universal gladhand with reinforced cable attached to aluminum handle. Used on rear of pups. Seals air system from foreign matter.
Part No. 11400

Haldex

SHUT-OFF GLADHANDS
Impregnated aluminum body. Includes 1"-14 mounting stud with 1/2" nylon tubing compression fitting. Emergency gladhand has 1/4" NPTF port for pintle hook.
Service: Part No. 1010120
Emergency: Part No. 1010121

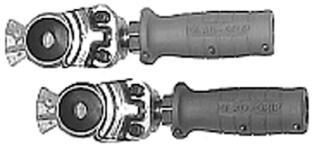


GLADHAND LOCK
Hardened Plastic Body available with various key numbers:
141, 147, 150, 156, 157
10 per Box
Part No. 1011455-key number

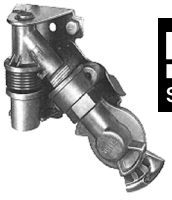
IRON GLADHAND
Lifetime iron body will not crack or break.
One piece construction.
Meets all applicable requirements of SAE J318.
1/2" NPTF port.
Part No.035031 Universal
Part No.035032 Emergency
Part No.035031 Service

VELVAC

Glad Hand Grips
"Glad-Grip"
Machined steel core saves broken air lines at the gladhand. Part number represents one color-coded pair. **Gladhands not included. Part No. 1010033**

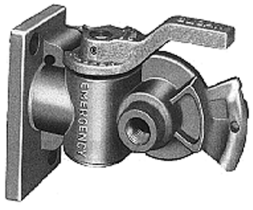


SWING-AWAY GLADHANDS
Low projection profile from trailer skin. Stainless steel torsion spring. 45° swivel designed elbow permits optional air line entry from either bottom or back port. Gladhand cover prevents air system contamination.
3/8" bottom and back ports
Includes polyurethane seal.
Service: Part No. 441102
Emerg: Part No. 441103

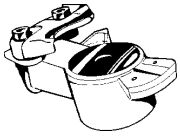


SLOAN

SHUT-OFF GLADHANDS
Aluminum gladhands, 1/2" NPTF port. Emergency gladhand has 1/4" NPTF port for pintle hook. Brass shut-off valve.
Service: Part No. 441004
Emerg: Part No. 441014



Qwik-E®
Pressure-Relieving Gladhand
The first quick release valve and gladhand in one. Replaces the service gladhand at the nose of the trailer. 1/2" NPTF.
Part No. 1012206



Angle Surface-Mount Qwik-E®
Interchangeable with any angle gladhand. 3/8" ports.
Part No. 12-236

Latch-It™ Gladhand
Part No. 12-1169D
Service gladhand, powder coat blue, w/ chrome platd Latch-It™.

Part No. 12-1189D
Emergency gladhand, powder coat red, w/ chrome plated Latch-It™.

PHILLIPS

COILED AIR LINES

TRACTOR TO TRAILER COILED NYLON AIR BRAKE CONNECTIONS

Kit Number	Individual Coil Number	Tube O.D.	Valve Tail Length	Coil Ends		Working Length
				Valve	Gladhand	
7100100 (1 Red, 1 Blue)	**7100101 RED** **7100102 BLUE**	1/2"	12"	1/2	1/2	15'
7100110 (1 Red, 1 Blue)	**7100111 RED** **7100112 BLUE**	1/2"	40"	1/2	1/2	15'
7100120 (1 Red, 1 Blue)	**7100121 RED** **7100122 BLUE**	1/2"	6"	1/2	1/2	12'

■ Working Pressure to 150 PSI ■ Conforms to SAE J844
■ No pogo sticks or spring hangers required. ■ Temperature range: -40° F to +200° F.

PHILLIPS POWER GRIP™

Kit Number	DESCRIPTION	Tube O.D.	Valve Tail Length	Coil Ends		Working Length
				Valve	Gladhand	
11-3380 (1 Red)	15' Red Coil w/ one 40" coil guard	1/2"	40"	1/2	1/2	15'
11-3390 (1 Blue)	15' Blue Coil w/ one 40" coil guard	1/2"	40"	1/2	1/2	15'
11-3400 (1 Red, 1 Blue)	15' PAIR red and blue w/ coil guard	1/2"	40"	1/2	1/2	15'

- Extra-long brass nut adds cold weather connecting leverage
- Extra-long spring is designed to function as a Nylon tubing protector
- Vertical at the tractor end, and angle-slanted at the trailer end
- 3 1/2" inch coil diameter offers greater flexibility

PHILATRON STALLION®

Kit Number	Tube DESCRIPTION	Valve Tail O.D.	Coil Ends			Working Length
			Length	Valve	Gladhand	
S1-400-15CBR	15' Red & Blue Coils	1/2"	10"	1/2	1/2	15'
S3-600-15CBR	15' Red & Blue Coils	1/2"	10"	1/2	1/2	15'

■ Extra Heavy Duty Service ■ Meets DOT FMVSS 106 Regulations
■ Three Year Warranty ■ Temperature range: -70° F to +200° F.

NYLON TUBING

Type A Nylon Tubing

Heat and light stabilized single wall extruded type 11 nylon tubing available in sizes 1/8", 1/4" and 5/16". This tubing conforms to SAE specification J844 Type A. The A refers to non-reinforced tubing.

Tube O. D.	Part No.	Min. Bend Radius
1/8"	**1610002**	3/8"
1/4"	**1610004**	1"
5/16"	**1610005**	1 1/4"

Vinyl Coated Tubing Clamps

I. D.	Part No.	I. D.	Part No.
1/4"	**1011120**	5/8"	**1011124**
5/16"	**1011121**	3/4"	**1011125**
3/8"	**1011122**	11/4"	**1011127**
1/2"	**1011123**	15/16"	**1011126**

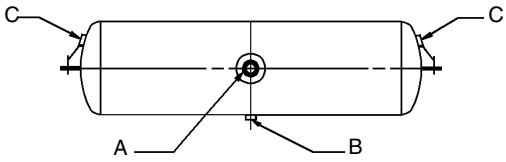
PFT Type B Nylon Tubing

Heat and light stabilized seamless extruded nylon 11 core reinforced with one open ply of fiberous reinforcement and a protective nylon 11 cover sheath. The outer cover and core are fused to minimize leakage and maximize impact resistance and are always of contrasting colors.This tubing conforms to SAE J844 Type B. The B refers to reinforced tubing.
Maximum working pressure 150 PSI.

Tube I. D.	Part No.	Minimum Bend Radius
3/8"	**1610006**	1 1/2"
3/8"	**1610006-BLUE**	1 1/2"
3/8"	**1610006-RED**	1 1/2"
1/2"	**1610008**	2"
1/2"	**1610008-BLUE**	2"
1/2"	**1610008-RED**	2"
5/8"	**1610010**	2 1/2"
3/4"	**1610012**	3"

AIR TANKS

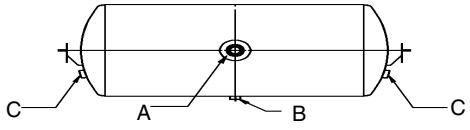
***Note**: On tanks with more than one main port, port locations are 180 degrees from each other unless noted otherwise.
Tanks listed by Diameter Size.



1 Main Port*

8 Inch Diameter, 1425 Cubic Inch Capacity
Mounting Holes 32 Inches Center to Center

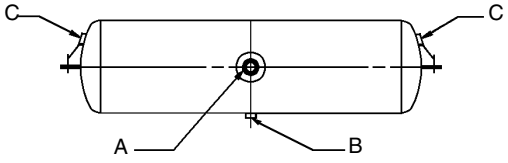
Part No.	(A) Main Port*	(B) Drain Port (1)	(C) End Ports (2)
1010328	3/4"NPTF (*1)	1/4" NPTF	3/8" NPTF



2 Main Ports*

8 Inch Diameter, 1425 Cubic Inch Capacity
Mounting Holes 32 Inches Center to Center

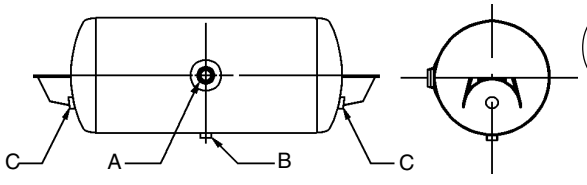
Part No.	(A) Main Port*	(B) Drain Port (1)	(C) End Ports (2)
1010334	3/4"NPTF(*2)	1/4" NPTF	3/8" NPTF



2 Main Ports*

8 Inch Diameter, 1425 Cubic Inch Capacity
Mounting Holes 32 Inches Center to Center

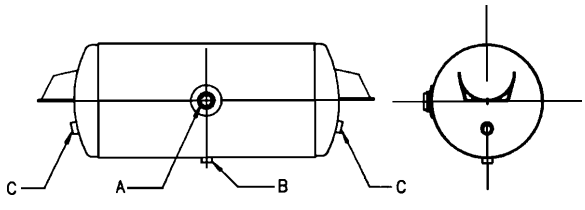
Part No.	(A) Main Port (2)	(B) Drain Port (1)	(C) End Ports (2)
1010340	3/4"NPTF	1/4" NPTF	3/8" NPTF



2 Main Ports*

9.5 Inch Diameter, 1488 Cubic Inch Capacity
Mounting Holes 27.5 Inches Center to Center.

Part No.	(A) Main Port (2)	(B) Drain Port (1)	(C) End Ports (2)
N9508-AA	3/4" NPTF	1/4" NPTF	3/8" NPTF

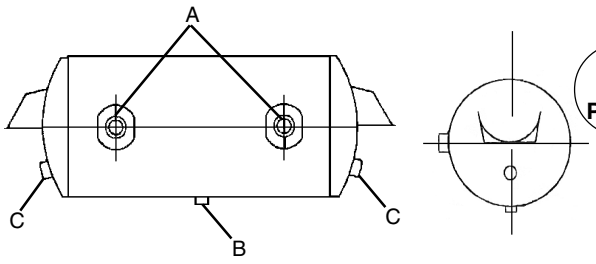


2 Main Ports*

9.5 Inch Diameter, 1488 Cubic Inch Capacity
Mounting Holes 27.5 Inches Center to Center.

Part No.	(A) Main Port (2)	(B) Drain Port (1)	(C) End Ports (2)
1010336	3/4" NPTF	1/4" NPTF	3/8" NPTF

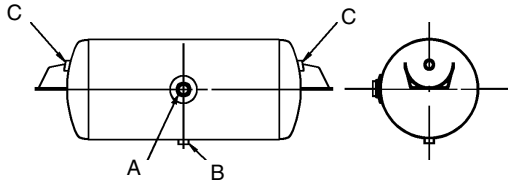
AIR TANKS



2 Main Ports*

9.5 Inch Diameter, 1488 Cubic Inch Capacity
Mounting Holes 27.5 Inches Center to Center.

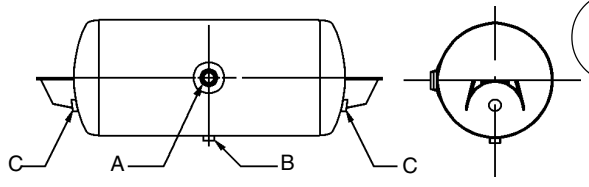
Part No.	(A) Main Port (2)	(B) Drain Port (1)	(C) End Ports (2)
1010337	3/4" NPTF	1/4" NPTF	1/2" NPTF



2 Main Ports*

9.5 Inch Diameter, 1488 Cubic Inch Capacity
Mounting Holes 27.5 Inches Center to Center.

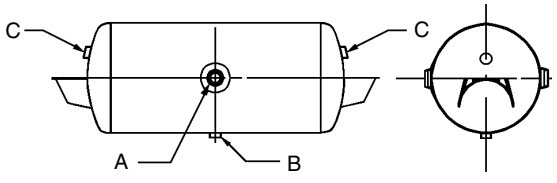
Part No.	(A) Main Port (2)	(B) Drain Port (1)	(C) End Ports (2)
1010341	1/2" NPTF	1/4" NPTF	1/2" NPTF



1 Main Port*

9.5 Inch Diameter, 1488 Cubic Inch Capacity
Mounting Holes 27.5 Inches Center to Center.

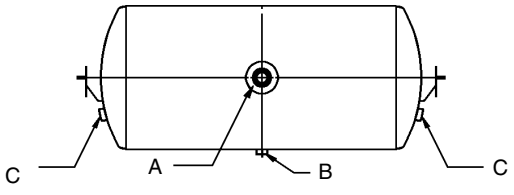
Part No.	(A) Main Port (2)	(B) Drain Port (1)	(C) End Ports (2)
1010343	**HYDRAULIC RESERVIOR**		
1010344	3/4" NPTF	1/4" NPTF	3/8" NPTF



2 Main Ports*

9.5 Inch Diameter, 1488 Cubic Inch Capacity
Mounting Holes 27.5 Inches Center to Center.

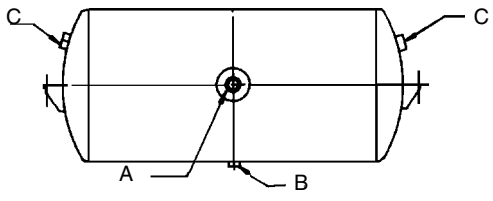
Part No.	(A) Main Port (2)	(B) Drain Port (1)	(C) End Ports (2)
1010330	1/2" NPTF	1/4" NPTF	3/8" NPTF
1010342	1/2" NPTF	1/4" NPTF	1/2" NPTF



2 Main Ports*

12 Inch Diameter, 2850 Cubic Inch Capacity
Mounting Holes 29.5 Inches Center to Center.

Part No.	(A) Main Port (2)	(B) Drain Port (1)	(C) End Ports (2)
1010329	3/4" NPTF	1/4" NPTF	3/8" NPTF

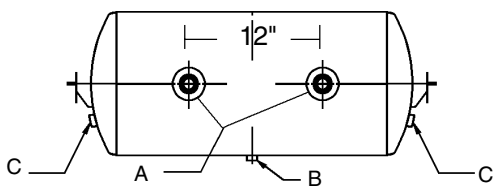


2 Main Ports*

12 Inch Diameter, 2850 Cubic Inch Capacity
Mounting Holes 29.5 Inches Center to Center.

Part No.	(A) Main Port (2)	(B) Drain Port (1)	(C) End Ports (2)
1010331	1/2" NPTF	1/4" NPTF	3/8" NPTF

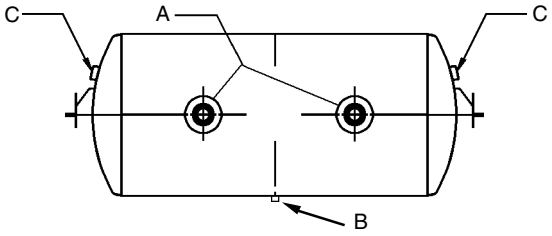
AIR TANKS



3 Main Ports*

12 Inch Diameter, 2850 Cubic Inch Capacity
Mounting Holes 29.5 Inches Center to Center.

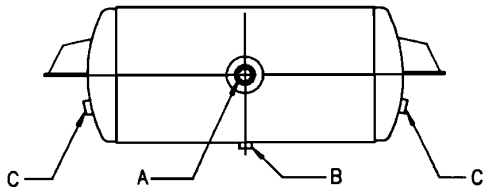
Part No.	(A) Main Port (3)	(B) Drain Port (1)	(C) End Ports (2)
1010332	3/4" NPTF	1/4" NPTF	3/8" NPTF



2 Main Ports*

12 Inch Diameter, 2850 Cubic Inch Capacity
Mounting Holes 29.5 Inches Center to Center.

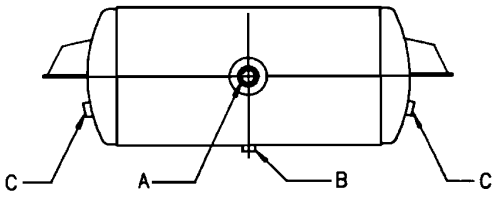
Part No.	(A) Main Port (2)	(B) Drain Port (1)	(C) End Ports (2)
1010335	3/4" NPTF	1/4" NPTF	3/8" NPTF



1 Main Ports*

12 Inch Diameter, 2850 Cubic Inch Capacity
Mounting Holes 29.5 Inches Center to Center.

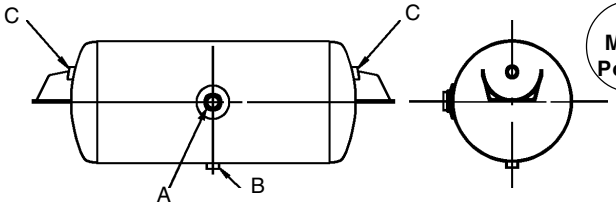
Part No.	(A) Main Port (1)	(B) Drain Port (1)	(C) End Ports (2)
1010338	3/4" NPTF	1/4" NPTF	3/8" NPTF



2 Main Ports*

12 Inch Diameter, 2850 Cubic Inch Capacity
Mounting Holes 29.5 Inches Center to Center.

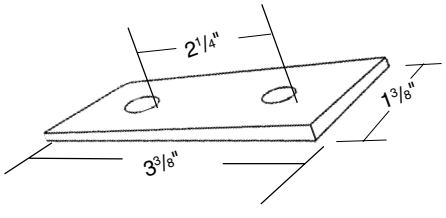
Part No.	(A) Main Port (2)	(B) Drain Port (1)	(C) End Ports (2)
1010339	3/4" Front, 1/2" Back	1/4" NPTF	3/8" NPTF



2 Main Ports*

13 Inch Diameter, 3000 Cubic Inch Capacity
Mounting Holes 27.5 Inches Center to Center.

Part No.	(A) Main Port (2)	(B) Drain Port (1)	(C) End Ports (2)
1010333	3/4" NPTF	1/4" NPTF	1/2" NPTF



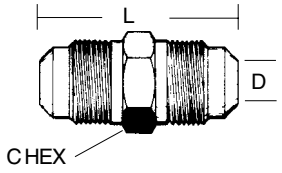
AIR TANK MOUNTING PAD
3/16" THICK RUBBER
$1\frac{1}{8}$" wide, $3\frac{3}{8}$" long, 3/8" holes on $2\frac{1}{4}$" centers.
Two required per tank.

Part No. HT-1068

BRASS FITTINGS FOR AIR BRAKE SYSTEMS

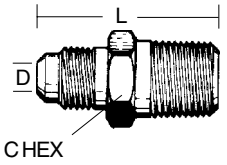
SAE 45° FLARED FITTINGS To Be Used With Copper, Brass, Aluminum and welded steel hydraulic tubing that can be flared

SAE 45° FLARED FITTINGS UNION



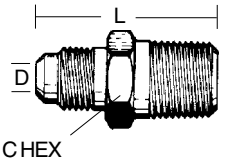
Part No.	Tube Size	Straight Thread	C Hex	L	Flow Dia. D
42F-3	3/16	3/8-24	3/8	1.04	.125
42F-4	1/4	7/16-20	7/16	1.17	.188
42F-5	5/16	1/2-20	1/2	1.32	.219
42F-6	3/8	5/8-18	5/8	1.48	.281
42F-8	1/2	3/4-16	3/4	1.79	.408
42F-10	5/8	7/8-14	7/8	2.10	.502
42F-12	3/4	1-1/16-14	1-1/16	2.42	.626

SAE 45° FLARED FITTINGS MALE CONNECTOR



Part No.	Tube Size	Pipe Thread	Straight Thread	C Hex	L	Flow Dia. D
48F-4-2	1/4	1/8	7/16-20	7/16	1.04	.189
48F-4-4	1/4	1/4	7/16-20	9/16	1.23	.189
48F-4-6	1/4	3/8	7/16-20	11/16	1.29	.189
48F-4-8	1/4	1/2	7/16-20	7/8	1.54	.189
48F-5-2	5/16	1/8	1/2-20	1/2	1.14	.220
48F-5-4	5/16	1/4	1/2-20	9/16	1.32	.220
48F-5-6	5/16	3/8	1/2-20	11/16	1.36	.220
48F-6-2	3/8	1/8	5/8-18	5/8	1.23	.220
48F-6-4	3/8	1/4	5/8-18	5/8	1.42	.282
48F-6-6	3/8	3/8	5/8-18	11/16	1.42	.282

SAE 45° FLARED FITTINGS MALE CONNECTOR

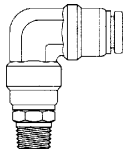


Part No.	Tube Size	Pipe Thread	Straight Thread	C Hex	L	Flow Dia. D
48F-6-8	3/8	1/2	5/8-1/	7/8	1.67	.282
48F-6-12	3/8	3/4	5/8-18	1-16	1.79	.282
48F-8-4	1/2	1/4	3/4-16	3/4	1.60	.408
48F-8-6	1/2	3/8	3/4-16	3/4	1.60	.408
48F-8-8	1/2	1/2	3/4-16	7/8	1.79	.408
48F-8-12	1/2	3/4	3/4-16	1-1/16	1.92	.408
48F-10-4	5/8	1/4	7/8-14	7/8	1.79	.313
48F-10-6	5/8	3/8	7/8-14	7/8	1.79	.408
48F-10-8	5/8	1/2	7/8-14	7/8	1.98	.501
48F-10-12	5/8	3/4	7/8-14	1-1/16	2.04	.501
48F-12-8*	3/4	1/2	1-1/16-14	1-1/16	2.17	.562
48F-12-12	3/4	3/4	1-1/16-14	1-1/16	2.17	.626

D.O.T. APPROVED "PUSH LOK" FITTINGS

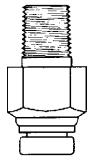
SWIVEL 90° MALE ELBOW

Part No.	Tube Size	Pipe Size Thread	Std. Pk.
PL169PMT-4-2	1/4"	1/8"	1
PL169PMT-4-4	1/4"	1/4"	1
PL169PMT-6-4	3/8"	1/4"	1
PL169PMT-6-6	3/8"	3/8"	1
PL169PMT-6-8	3/8"	1/2"	1
PL169PMT-8-6	1/2"	3/8"	1
PL169PMT-8-8	1/2"	1/2"	1



MALE CONNECTOR

Part No.	Tube Size	Pipe Size Thread	Std. Pk.
PL68PMT-4-2	1/4"	1/8"	1
PL68PMT-4-4	1/4"	1/4"	1
PL68PMT-6-4	3/8"	1/4"	1
PL68PMT-6-6	3/8"	3/8"	1
PL68PMT-8-6	1/2"	3/8"	1
PL68PMT-8-8	1/2"	1/2"	1

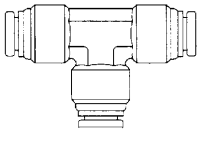


UNION

Part No.	Tube Size	Straight Thread	B HEX	C HEX	L	M	FLOW DIA. D
PL62PMT-4	1/4	7/16-24	9/16	7/16	1.49	.83	.137
PL62PMT-6	3/8	17/32-24	5/8	9/16	2.00	1.08	.217
PL62PMT-8	1/2	11/16-20	13/16	11/16	2.33	1.29	.338
PL62PMT-10	5/8	13/16-18	15/16	13/16	2.39	1.41	.398
PL62PMT-12	3/4	1-18	1-1/8	1	2.60	1.58	.523

UNION TEE

Part No.	Tube Size	Std. Pk.
PL164PMT-6	3/8"	1
PL164PMT-8	1/2"	1



UNION

Part No.	Tube Size	Std. Pk.
PL164PMT-6	3/8"	1
PL164PMT-8	1/2"	1

BRASS FITTINGS FOR AIR BRAKE SYSTEMS

BOXED AIR BRASS KIT

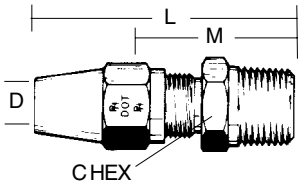
Part Number: 1584000

Consisting Of:

1 pc 209P-12-8	2 pc 2202P-6-6
1 pc 216P-4	2 pc 2203P-4
1 pc 218P-12	3 pc 2225P-6
5 pc 218P-6	2 pc 264NTA-6
6 pc 269NTA-6-4	1 pc 269NTA-8-6
1 pc 269NTA-8-8	2 pc 271NTA-6-4
1 pc 271NTA-6-6	4 pc 279NTA-6-6
1 pc 6003	2 pc 68NTA-6-2
5 pc 68NTA-6-4	3 pc 68NTA-6-6
3 pc DC604-4	*boxed and bagged!*

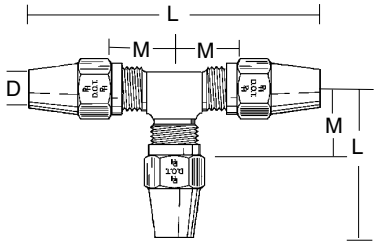
AIR BRAKE FITTINGS To Be Used With Copper Tubing

MALE CONNECTOR



Part No.	Tube Size	Pipe Thr'd	Straight Thread	C Hex	L	M	Flow Dia. D
68AB-4-2	1/4	1/8	7/16-24	7/16	1.47	.89	.189
68AB-4-4	1/4	1/4	7/16-24	9/16	1.68	1.10	.189
68AB-4-6	1/4	3/8	7/16-24	11/16	1.72	1.14	.189
68AB-6-2	3/8	1/8	17/32-24	9/16	1.92	1.03	.189
68AB-6-4	3/8	1/4	17/32-24	9/16	2.10	1.21	.314
68AB-6-6	3/8	3/8	17/32-24	11/16	2.13	1.24	.314
68AB-6-8	3/8	1/2	17/32-24	7/8	2.32	1.43	.314
68AB-8-4	1/2	1/4	17/32-24	11/16	2.29	1.33	.314
68AB-8-6	1/2	3/8	17/32-24	11/16	2.29	1.33	.408
68AB-10-6	5/8	3/8	13/16-18	13/16	2.48	1.39	.408
68AB-10-8	5/8	1/2	13/16-18	7/8	2.67	1.58	.533
68AB-12-8	3/4	1/2	1-18	1	2.92	1.68	.533
68AB-12-12	3/4	3/4	1-18	1-1/16	2.95	1.71	.658
68AB-16-12	1	3/4	1-1/4-16	1-1/4	3.20	1.81	.750

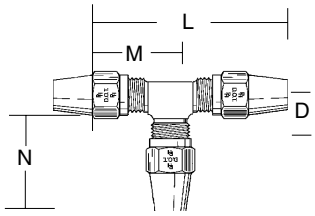
UNION TEE



Part No.	Tube Size	Straight Thread	L	M	Flow Dia. D
264AB-4	1/4	7/16-24	1.20	.62	.189
264AB-6	3/8	17/32-24	1.67	.78	.314
264AB-8	1/2	11/16-20	1.89	.93	.408
264AB-10	5/8	13/16-18	2.18	1.09	.533

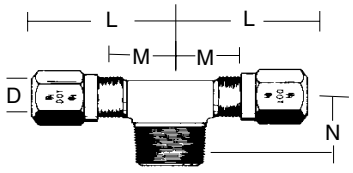
AIR BRAKE FITTINGS To Be Used With Copper Tubing

MALE ELBOW



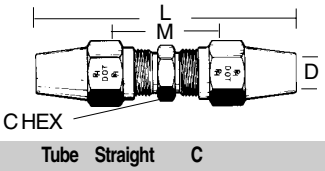
Part No.	Tube Size	Pipe Thr'd	Straight Thread	L	M	N	Flow Dia. D
269AB-4-2	1/4	1/8	7/16-24	1.20	.62	.66	.189
269AB-4-4	1/4	1/4	7/16-24	1.26	.68	.87	.189
269AB-4-6	1/4	3/8	7/16-24	1.31	.73	.86	.189
269AB-6-2	3/8	1/8	17/32-24	1.62	.73	.75	.189
269AB-6-4	3/8	1/4	17/32-24	1.68	.79	.92	.314
269AB-6-6	3/8	3/8	17/32-24	1.73	.84	.91	.314
269AB-6-8	3/8	1/2	17/32-24	1.83	.94	1.10	.314
269AB-8-4	1/2	1/4	11/16-20	1.82	.86	.99	.314
269AB-8-6	1/2	3/8	11/16-20	1.88	.93	.99	.408
269AB-8-8	1/2	1/2	11/16-20	1.99	1.03	1.18	.408
269AB-10-6	5/8	3/8	13/16-18	2.09	1.00	1.05	.408
269AB-10-8	5/8	1/2	13/16-18	2.18	1.09	1.24	.533
269AB-12-8	3/4	1/2	1-18	2.33	1.19	1.33	.533

MALE BRANCH TEE



Part No.	Tube Size	Pipe Thr'd	Straight Thread	L	M	N	Flow Dia. D
272AB-4-2	1/4	1/8	7/16-24	1.20	.62	.66	.189
272AB-4-4	1/4	1/4	7/16-24	1.26	.68	.87	.189
272AB-6-2	3/8	1/8	17/32-24	1.61	.72	.75	.189
272AB-6-4	3/8	1/4	17/32-24	1.68	.79	.92	.314
272AB-6-6	3/8	3/8	17/32-24	1.73	.84	.91	.314
272AB-8-6	1/2	3/8	11/16-20	1.89	.93	.99	.408
272AB-8-8	1/2	1/2	11/16-20	1.99	1.03	1.18	.408
272AB-10-8	5/8	1/2	13/16-18	2.18	1.09	1.24	.533

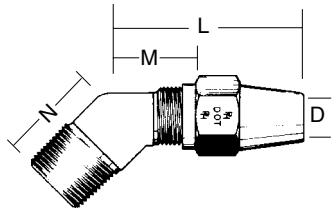
UNION



Part No.	Tube Size	Straight Thread	C Hex	L	M	Flow Dia. D
62AB-4	1/4	7/16-24	7/16	1.98	.83	.189
62AB-6	3/8	17/32-24	9/16	2.87	1.08	.314
62AB-8	1/2	11/16-20	11/16	3.21	1.29	.405
62AB-10	5/8	13/16-18	13/16	3.59	1.41	.531
62AB-12	3/4	1-18	1	4.08	1.59	.656

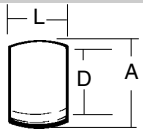
AIR BRAKE FITTINGS To Be Used With Copper Tubing

45° ELBOW



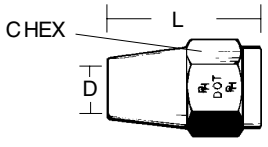
Part No.	Tube Size	Pipe Thr'd	Straight Thread	L	M	N	Flow Dia. D
279AB-4-2	1/4	1/8	7/16-24	1.07	.49	.63	.189
279AB-4-4	1/4	1/4	7/16-24	1.18	.60	.85	.189
279AB-6-2	3/8	1/8	17/32-24	1.60	.71	.68	.189
279AB-6-4	3/8	1/4	17/32-24	1.64	.71	.85	.314
279AB-6-6	3/8	3/8	17/32-24	1.64	.75	.94	.314
279AB-6-8	3/8	1/2	17/32-24	1.867	.78	1.16	.314
279AB-8-6	1/2	3/8	11/16-20	1.80	.84	.94	.408
279AB-8-8	1/2	1/2	11/16-20	1.83	.87	1.16	.408
279AB-10-6	5/8	3/8	13/16-18	2.03	.94	.98	.408
279AB-10-8	5/8	1/2	13/16-18	2.13	1.05	1.16	.533
279AB-12-8	3/4	1/2	1-18	2.34	1.10	1.18	.533

SLEEVE



Part No.	Tube Size	A	D	L
60AB-4	1/4	.322	.55	.25
60AB-6	3/8	.461	.382	.31
60AB-8	1/2	.594	.507	.38
60AB-10	5/8	.734	.632	.44
60AB-12	3/4	.874	.758	.50
60AB-16	1	1.152	1.008	.626

NUT

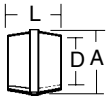


Part No.	Tube Size	Straight Thread	C Hex	D	L
61AB-4	1/4	7/16-24	9/16	.256	.75
61AB-6	3/8	17/32-24	5/8	.384	1.13
61AB-8	1/2	11/16-20	13/16	.509	1.25
61AB-10	5/8	13/16-18	15/16	.634	1.38
61AB-12	3/4	1-18	1-1/8	.760	1.56
61AB-16	1	1-1/4-16	1-3/8	1.010	1.69

BRASS FITTINGS FOR AIR BRAKE SYSTEMS

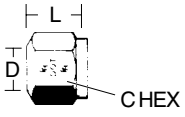
AIR BRAKE FITTINGS For use with Nylon Tubing Conforming to SAE J844 Type 3A and 3B

SLEEVE



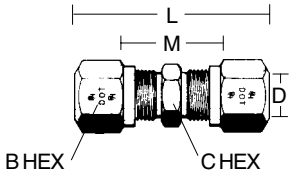
Part No.	Tube Size	D	A	L
60AB-4	1/4	.256	.359	.295
60AB-6	3/8	.384	.479	.390
60AB-8	1/2	.509	.624	.430
60AB-10	5/8	.634	.746	.490
60AB-12	3/4	.760	.922	.540

NUT



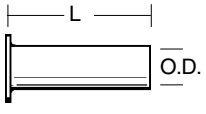
Part No.	Tube Size	Straight Thread	C Hex	D	L
61NTA-4	1/4	7/16-24	9/16	.256	.45
61NTA-6	3/8	17/32-24	5/8	.384	.63
61NTA-8	1/2	11/16-20	13/16	.509	.72
61NTA-10	5/8	13/16-18	15/16	.634	.77
61NTA-12	3/4	1-18	1-1/8	.762	.81

UNION



Part No.	Tube Size	Straight Thread	B HEX	C HEX	L	M	FLOW DIA. D
62NTA-4	1/4	7/16-24	9/16	7/16	1.49	.83	.137
62NTA-6	3/8	17/32-24	5/8	9/16	2.00	1.08	.217
62NTA-8	1/2	11/16-20	13/16	11/16	2.33	1.29	.338
62NTA-10	5/8	13/16-18	15/16	13/16	2.39	1.41	.398
62NTA-12	3/4	1-18	1-1/8	1	2.60	1.58	.523

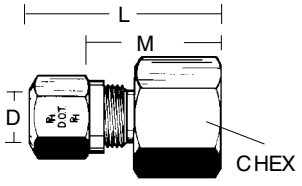
STAINLESS STEEL INSERT



Part No.	Tube Size	L	O.D.
63NTA-4	1/4	.53	.163
63NTA-6	3/8	.64	.245
63NTA-8	1/2	.81	.370
63NTA-10	5/8	.86	.434
63NTA-12	3/4	.104	.559

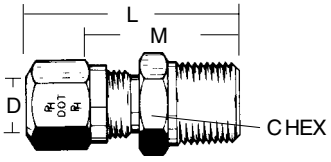
AIR BRAKE FITTINGS For use with Nylon Tubing Conforming to SAE J844 Type 3A and 3B

FEMALE CONNECTOR



Part No.	Tube Size	Straight Thread	Pipe Thread	L	M	N	FLOW DIA. D
66NTA-4-2	1/4	1/8	7/16-24	9/16	1.17	.84	.137
66NTA-4-4	1/4	1/4	7/16-24	11/16	1.40	1.07	.137
66NTA-6-2	3/8	1/8	17/32-24	9/16	1.46	1.00	.217
66NTA-6-4	3/8	1/4	17/32-24	11/16	1.64	1.18	.217
66NTA-6-6	3/8	3/8	17/32-24	7/8	1.64	1.18	.217
66NTA-8-6	1/2	3/8	11/16-20	7/8	1.79	1.27	.338
66NTA-8-8	1/2	1/2	11/16-20	1-1/16	1.96	1.44	.338
66NTA-10-6	5/8	3/8	13/16-18	7/8	1.80	1.31	.398
66NTA-10-8	5/8	1/2	13/16-18	1-1/16	1.99	1.50	.398

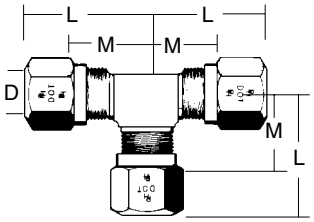
MALE CONNECTOR



Part No.	Tube Size	Straight Thr'd	Pipe Thr'd	C HEX	L	M	FLOW DIA. D
68NTA-3-1	3/16	5/16-24	1/16	3/8	1.16	.87	.089
68NTA-3-2	3/16	5/16-24	1/8	7/16	1.15	.86	.089
68NTA-3-4	3/16	5/16-24	1/4	9/16	1.35	1.06	.089
68NTA-4-2	1/4	7/16-24	1/8	7/16	1.22	.89	1.37
68NTA-4-4	1/4	7/16-24	1/4	9/16	1.43	1.10	1.37
68NTA-4-6	1/4	7/16-24	3/8	11/16	1.47	1.14	1.37
68NTA-6-2	3/8	17/32-24	1/8	9/16	1.49	1.03	.217
68NTA-6-4	3/8	17/32-24	1/4	9/16	1.67	1.21	.217
68NTA-6-6	3/8	17/32-24	3/8	11/16	1.70	1.24	.217
68NTA-6-8	3/8	17/32-24	1/2	7/8	1.89	1.43	.217
68NTA-8-4	1/2	11/16-20	1/4	11/16	1.85	1.33	.338
68NTA-8-6	1/2	11/16-20	3/8	11/16	1.85	1.33	.338
68NTA-8-8	1/2	11/16-20	1/2	7/8	2.04	1.52	.338
68NTA-10-6	5/8	13/16-18	3/8	13/16	1.88	1.39	.398
68NTA-10-8	5/8	13/16-18	1/2	7/8	2.10	1.58	.398
68NTA-12-8	3/4	1-18	1/2	1	2.19	1.68	.523
68NTA-12-12	3/4	1-18	3/4	1-1/16	2.22	1.71	.523

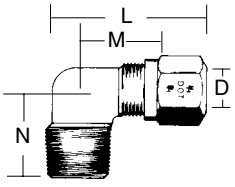
AIR BRAKE FITTINGS For use with Nylon Tubing Conforming to SAE J844 Type 3A and 3B

UNION TEE



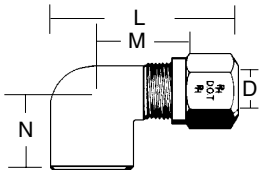
Part No.	Tube Size	Straight Thread	L	M	FLOW DIA. D
264NTA-4	1/4	7/16-24	.95	.62	.137
264NTA-6	3/8	17/32-24	1.24	.78	.217
264NTA-8	1/2	11/16-20	1.45	.93	.338
264NTA-10	5/8	13/16-18	1.58	1.09	.398

MALE ELBOW



Part No.	Tube Size	Pipe Thread	Straight Thread	L	M	N	FLOW DIA. D
269NTA-4-2	1/4	1/8	7/16-24	.95	.62	.66	.137
269NTA-4-4	1/4	1/4	7/16-24	1.00	.68	.87	.137
269NTA-4-6	1/4	3/8	7/16-24	1.16	.73	.86	.137
269NTA-6-2	3/8	1/8	17/32-24	1.19	.73	.75	.217
269NTA-6-4	3/8	1/4	17/32-24	1.25	.79	.92	.217
269NTA-6-6	3/8	3/8	17/32-24	1.30	.84	.91	.217
269NTA-6-8	3/8	1/2	17/32-24	1.40	.94	1.10	.217
269NTA-8-4	1/2	1/4	11/16-20	1.38	.86	.99	.338
269NTA-8-6	1/2	3/8	11/16-20	1.44	.92	.99	.338
269NTA-8-8	1/2	1/2	11/16-20	1.55	1.03	1.18	.338
269NTA-10-6	5/8	3/8	13/16-18	1.49	1.00	1.05	.398
269NTA-10-8	5/8	1/2	13/16-18	1.58	1.09	1.24	.398
269NTA-12-8	3/4	1/2	1-18	1.70	1.19	1.33	.523

FEMALE ELBOW

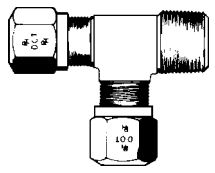


Part No.	Tube Size	Pipe Thr'd	Straight Thr'd	L	M	N	FLOW DIA. D
270NTA-4-2	1/4	1/8	7/16-24	1.02	.69	.52	.137
270NTA-4-4	1/4	1/4	7/16-24	1.11	.78	.71	.137
270NTA-6-2	3/8	1/8	17/32-24	1.29	.83	.59	.217
270NTA-6-4	3/8	1/4	17/32-24	1.35	.89	.77	.217
270NTA-6-6	3/8	3/8	17/32-24	1.39	.93	.77	.217
270NTA-8-6	1/2	3/8	11/16-20	1.55	1.03	.82	.338
270NTA-8-8	1/2	1/2	11/16-20	1.65	1.13	1.01	.338
270NTA-10-8	5/8	1/2	13/16-18	1.70	1.19	1.07	.398

BRASS FITTINGS FOR AIR BRAKE SYSTEMS

AIR BRAKE FITTINGS For use with Nylon Tubing Conforming to SAE J844 Type 3A and 3B

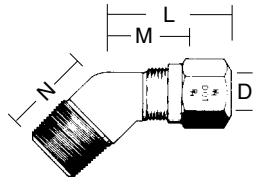
MALE RUN TEE



Part No.	Tube Size	Pipe Thr'd	Straight Thread	L	M	N	Flow Dia. D
271NTA-4-2	1/4	1/8	7/16-24	.95	.62	.66	.137
271NTA-4-4	1/4	1/4	7/16-24	1.00	.68	.87	.137
271NTA-6-4	3/8	1/4	17/32-24	1.25	.79	.92	.217
271NTA-6-6	3/8	3/8	17/32-24	1.30	.84	.91	.217
271NTA-8-6	1/2	3/8	11/16-20	1.45	.93	.99	.338
271NTA-8-8	1/2	1/2	11/16-20	1.55	1.03	1.18	.338
271NTA-10-8	5/8	1/2	13/16-18	1.60	1.09	1.24	.398

AIR BRAKE FITTINGS For use with Nylon Tubing Conforming to SAE J844 Type 3A and 3B

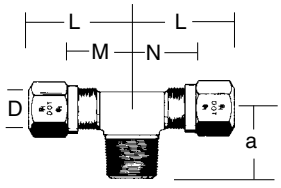
45° ELBOW



Part No.	Tube Size	Pipe Thr'd	Straight Thread	L	M	N	Flow Dia. D
279NTA-4-2	1/4	1/8	7/16-24	.81	.49	.63	.137
279NTA-4-4	1/4	1/4	7/16-24	.93	.60	.85	.137
279NTA-6-2	3/8	1/8	17/32-24	1.17	.71	.68	.217
279NTA-6-4	3/8	1/4	17/32-24	1.17	.71	.85	.217
279NTA-6-6	3/8	3/8	17/32-24	1.21	.75	.94	.217
279NTA-6-8	3/8	1/2	17/32-24	1.24	.78	1.16	.217
279NTA-8-6	1/2	3/8	11/16-20	1.36	.84	.94	.338
279NTA-8-8	1/2	1/2	11/16-20	1.39	.87	1.16	.338
279NTA-10-6	5/8	3/8	13/16-18	1.43	94	.98	.398
279NTA-10-8	5/8	1/2	13/16-18	1.42	.93	1.16	.398
279NTA-12-8	3/4	1/2	1-18	1.61	1.10	1.18	.523

AIR BRAKE FITTINGS For use with Nylon Tubing Conforming to SAE J844 Type 3A and 3B

MALE BRANCH TEE

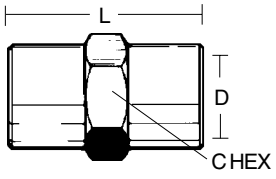


Part No.	Tube Size	Pipe Thr'd	Straight Thread	L	M	N	Flow Dia. D
272NTA-4-2	1/4	1/8	7/16-24	.95	.62	.66	.137
272NTA-4-4	1/4	1/4	7/16-24	1.00	.68	.87	.137
272NTA-6-2	3/8	1/8	17/32-24	1.18	.72	.75	.217
272NTA-6-4	3/8	1/4	17/32-24	1.25	.91	.92	.217
272NTA-6-6	3/8	3/8	17/32-24	1.30	.84	.91	.217
272NTA-8-4	1/2	1/4	11/16-20	1.41	.89	.99	.338
272NTA-8-6	1/2	3/8	11/16-20	1.45	.93	.99	.338
272NTA-8-8	1/2	1/2	11/16-20	1.55	1.03	1.18	.338
272NTA-10-8	5/8	1/2	13/16-18	1.60	1.09	1.24	.398

PIPE FITTINGS

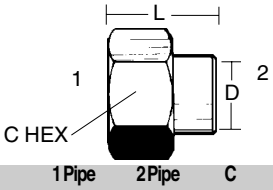
PIPE FITTINGS Meet Functional Requirements of the SAE, ASME, and ASA.

COUPLING



Part No.	Pipe Thread	C Hex	L	FLOW DIA. D
207P-2	1/8	9/16	.75	.328
207P-4	1/4	3/4	1.12	.422
207P-6	3/8	7/8	1.12	.562
207P-8	1/2	1-1/16	1.50	.687

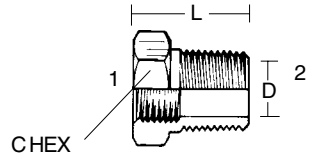
REDUCER COUPLING



Part No.	1 Pipe Thread	2 Pipe Thread	C Hex	L	FLOW DIA. D
208P-4-2	1/4	1/8	3/4	.97	.328
208P-6-4	3/8	1/4	7/8	1.16	.422
208P-8-4	1/2	1/4	1-1/16	1.28	.422
208P-8-6	1/2	3/8	1-1/16	1.38	.562

PIPE FITTINGS Meet Functional Requirements of the SAE, ASME, and ASA.

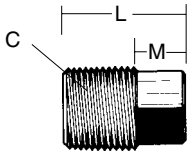
COUPLING



Part No.	1 Pipe Thread	2 Pipe Thread	C Hex	L	FLOW DIA. D
209P-4-2	1/8	1/4	9/16	.75	.328
209P-6-2	1/8	3/8	11/16	.75	.328
209P-6-4	1/4	3/8	11/16	.75	.422
209P-8-2	1/8	1/2	7/8	1.00	.328
209P-8-4	1/4	1/2	7/8	1.00	.422
209P-8-6	3/8	1/2	7/8	1.00	.562
209P-12-2	1/8	3/4	1-1/8	1.00	.328
209P-12-4	1/4	3/4	1/1/8	1.00	.422
209P-12-6	3/8	3/4	1-1/8	1.00	.562
209P-12-8	1/2	3/4	1-1/8	1.00	.688

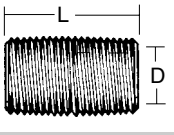
PIPE FITTINGS Meet Functional Requirements of the SAE, ASME, and ASA.

SQUARE-HEAD PLUG



Part No.	Pipe Thread	C Hex	L	FLOW DIA. D
211P-2	1/8	9/32	.59	.25
211P-4	1/4	3/8	.80	.30
211P-6	3/8	15/32	.80	.30
211P-8	1/2	9/16	1.07	.39
211P-12	3/4	5/8	1.14	.45

CLOSE NIPPLE

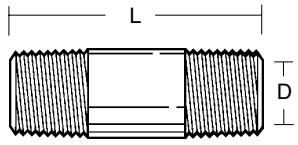


Part No.	Pipe Thread	L Hex	FLOW DIA. D
215PN-2	1/8	.75	.281
215PN-4	1/4	.88	.375
215PN-6	3/8	1.00	.500
215PN-8	1/2	1.28	.625
215PN-12	3/4	1.31	.750

BRASS FITTINGS FOR AIR BRAKE SYSTEMS

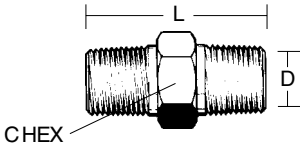
PIPE FITTINGS
Meet Functional Requirements of the SAE, ASME, and ASA.

LONG NIPPLE



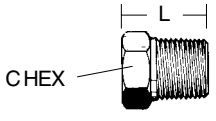
Part No.	Pipe Thread	L Hex	FLOW DIA. D
215PNL-2-15	1/8	1-1/2	.250
215PNL-4-15	1/4	1-1/2	.375
215PNL-6-15	3/8	1-1/2	.500
215PNL-8-15	1/2	1-1/2	.625
215PNL-2-20	1/8	2	.250
215PNL-4-20	1/4	2	.375
215PNL-6-20	3/8	2	.500
215PNL-8-20	1/2	2	.625
215PNL-2-25	1/8	2-1/2	.250
215PNL-4-25	1/4	2-1/2	.375
215PNL-6-25	3/8	2-1/2	.500
215PNL-8-25	1/2	2-1/2	.625
215PNL-2-30	1/8	3	.250
215PNL-4-30	1/4	3	.375
215PNL-6-30	3/8	3	.500
215PNL-8-30	1/2	3	.680
215PNL-2-35	1/8	3-1/2	250
215PNL-4-35	1/4	3-1/2	.375
215PNL-6-35	3/8	3-1/2	.500
215PNL-8-35	1/2	3-1/2	.680

HEX NIPPLE



Part No.	Pipe Thread	C Hex	L	FLOW DIA. D
216P-2	1/8	7/16	.97	.220
216P-4	1/4	9/16	1.38	.314
216P-6	3/8	11/16	1.41	.440
216P-8	1/2	7/8	1.81	.564

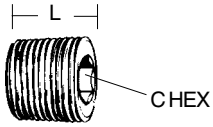
HEX-HEAD PLUG



Part No.	Pipe Thread	C Hex	L
218P-2	1/8	7/16	.56
218P-4	1/4	9/16	.75
218P-6	3/8	11/16	.78
218P-8	1/2	7/8	.97

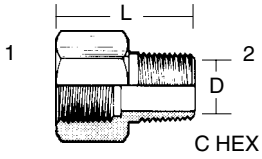
PIPE FITTINGS
Meet Functional Requirements of the SAE, ASME, and ASA.

COUNTERSUNK HEX PLUG



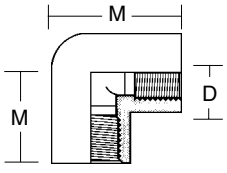
Part No.	Pipe Thread	C Hex	L
219P-2	1/8	3/16	.30
219P-4	1/4	1/4	.46
219P-6	3/8	5/16	.47
219P-8	1/2	3/8	.61

ADAPTER



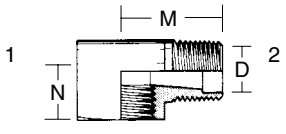
Part No.	1 Pipe Thread	2 Pipe Thread	C HEX	L	FLOW DIA. D
222P-2-2	1/8	1/8	9/16	.88	.220
222P-4-2	1/4	1/8	3/4	1.06	.220
222P-4-4	1/4	1/4	3/4	1.25	.314
222P-6-4	3/8	1/4	7/8	1.25	.314
222P-6-6	3/8	3/8	7/8	1.25	.440
222P-8-4	1/2	1/4	1	1.47	.312
222P-8-6	1/2	3/8	1-1/16	1.47	.440
222P-8-8	1/2	1/2	1-1/16	1.66	.563

90° UNION ELBOW



Part No.	Pipe Thread	M	FLOW DIA. D
2200P-2-2	1/8	.55	.328
2200P-4-4	1/4	.78	.422
2200P-6-6	3/8	.84	.563
2200P-8-8	1/2	1.09	.687

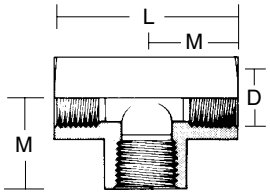
90° STREET ELBOW



Part No.	1 Pipe Thread	2 Pipe Thread	M	N	FLOW DIA. D
2202P-2-2	1/8	1/8	.62	.48	.220
2202P-4-4	1/4	1/8	.72	.51	.209
2202P-4-4	1/4	1/4	.91	.45	.312
2202P-6-6	3/8	3/8	.98	.54	.428
2202P-8-8	1/2	1/2	1.25	1.03	.552

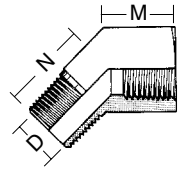
PIPE FITTINGS
Meet Functional Requirements of the SAE, ASME, and ASA.

UNION TEE



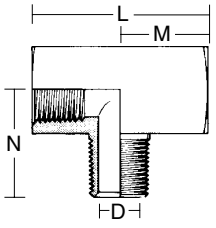
Part No.	Pipe Thread	L	M	FLOW DIA. D
2203P-2	1/8	1.10	.55	.328
2203P-4	1/4	1.56	.78	.422
2203P-6	3/8	1.68	.84	.562
2203P-8	1/2	2.14	1.07	.687

45° STREET ELBOW



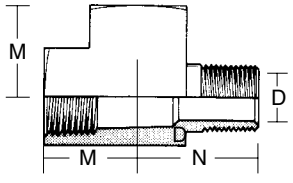
Part No.	Pipe Thread	M	N	FLOW DIA. D
2214P-2-2	1/8	.38	.50	.220
2214P-4-4	1/4	.54	.70	.314
2214P-6-6	3/8	.54	.78	.440
2214P-8-8	1/2	.73	1.00	.562

MALE BRANCH TEE



Part No.	Pipe Thread	L	M	N	FLOW DIA. D
2224P-2	1/8	1.06	.53	.66	.220
2224P-4	1/4	1.52	.76	.91	.314
2224P-6	3/8	1.68	.84	.97	.438

STREET TEE



Part No.	Pipe Thread	M	N	FLOW DIA. D
2225P-2	1/8	.55	.66	.220
2225P-4	1/4	.76	.91	.312
2225P-6	3/8	.82	.99	.440
2225P-8	1/2	1.07	1.27	.564

RADIATOR & HEATER HOSE

GOODYEAR

Standard Straight Radiator Hose - Black Cover

Heavy construction for strength to resist vibration and collapse. Cover and tube resistant to heat, ozone and all antifreeze solutions. Meets or exceeds SAE J20R1, D1 specifications.

Standard Hose - 3 Foot Lengths			
Size	**Part No.**	**Size**	**Part No.**
3/4"	**GY56012**	2"	**GY56032**
1"	**GY56016**	2 1/4"	**GY56036**
1 1/8"	**GY56018**	2 3/8"	**GY56038**
1 1/4"	**GY56020**	2 1/2"	**GY56040**
1 3/8"	**GY56022**	2 5/8"	**GY56042**
1 1/2"	**GY56024**	2 3/4"	**GY56044**
1 5/8"	**GY56026**	3"	**GY56048**
1 3/4"	**GY56028**	3 1/2"	**GY56056**
1 7/8"	**GY56030**	3 1/4"	**GY56052**

Hi-Miler® Straight Radiator Hose - Blue Cover

A long lasting high quality fleet service hose. Designed for heavy-duty service on trucks, buses and off-road equipment. Tube and cover are made with heat resistant Versigard® synthetic rubber. Reinforced with FlextenTM cord for excellent burst strength. Readily recognizable blue cover for fast identification of Hi-Miler quality. Insta-Find Number 57 designates Heavy-Duty Radiator hose in 3 foot lengths. The third digit (2) indicates that it is the Hi-Miler blue hose. The fourth and fifth digits give ID in 16th of an inch.

Hi-Miler® Hose - 3 Foot Lengths			
Size	**Part No.**	**Size**	**Part No.**
1"	**GY57216**	2"	**GY57232**
1 1/8"	**GY57218**	2 1/4"	**GY57236**
1 1/4"	**GY57220**	2 1/2"	**GY57240**
1 3/8"	**GY57222**	2 3/4"	**GY57244**
1 1/2"	**GY57224**	3"	**GY57248**
1 5/8"	**GY57226**	3 1/2"	**GY57256**
1 3/4"	**GY57228**	2 1/8"	**GY57238**
		2 5/8"	**GY57242**

GOODYEAR

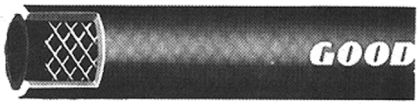
HEATER HOSE

Hi-Miler® Heater Hose

Outstanding for strength and heat resistance. Made with high temperature Versigard® synthetic rubber. Reinforced with heat-resistant Flexten® cord that is pound for pound, stronger than steel. Built to out-last standard heater hose without the cost of more expensive silicone hose. Recognizable blue cover. Meets SAE J20R3, D3 specifications.

Hi-Miler® Heater Hose - 50 Foot Lengths

I.D.	Part No.
3/8"	**GY65028**
1/2"	**GY65029**
5/8"	**GY65031**
3/4"	**GY65033**
1"	**GY65035**



Premium HY-T Red

HY-T heater hose is made with a tough Versigard® rubber cover and tube to resist heat, ozone, and antifreeze solutions. Built to withstand the pressure and high heat buildup present under the hood of today's auto's, trucks and buses. Minimum burst pressure 140 PSI. Expands easily over heater connections, resists end tearing and splitting. Available in red cover through 3/4" I. D. Premium HY-T red heater hose meets SAE J20R3, D2 specifications.

Premium HY-T Red Heater Hose - 50 Foot Lengths

I.D.	Part No.
1/2"	**GY65020**
5/8"	**GY65023**
3/4"	**GY65026**

Standard Black Heater Hose - 50 Foot Lengths

I.D.	Part No.
1/2"	**GY65000**
5/8"	**GY65004**
3/4"	**GY65009**
1"	**GY65012**

SERVICE & HEATER HOSE

GOODYEAR

Service Hose
Service Station Air Hose

For tower, reel, and curb connections. The synthetic rubber tube and blue cover assures long life against ozone, weathering and heat. Maximum working pressure of 250 PSI. Swivel fittings on each length.

Size	Ends	Part No.
3/8" x 25' w/c	1/4 NPT	**GY65133**
3/8" x 50' w/c	1/4 NPT	**GY65137**
1/2" x 50' w/c	1/2 NPT	**GY65138**

GOODYEAR

Truck Component Hose
Hysunite® Fuel Line/Emission Control Hose

Especially for gasohol and later carbureted vehicle applications with high under the hood temperatures. Cover is oil and gasoline resistant and withstands exposure to fuel, vapor, moisture and high heat up to 250 degree F. (Warning - For fuel injected vehicles, use SAE J30R9 fuel injection hose.)

Size	Part No.
3/16" x 25'	**GY65125**
1/4" x 25'	**GY65126**
5/16" x 25'	**GY65127**
3/8" x 25'	**GY65128**

HYDRAULIC HOSE

Push-Lok Low Pressure Hose

One textile braid. For diesel fuel, air, water. Use with 82 Series fittings.
Construction: Synthetic rubber liner, one textile braid reinforcement, synthetic rubber cover.
Applications: Widely used for shop air systems, and general industrial, maintenance and automotive applications for air, water, diesel fuels*, lubricating oils and antifreeze.
Temperature Range: -40 Deg. F to +212 Deg. F except air above +150 Deg. F and water up to +180 Deg. F.

Maximum Working Pressure (PSI)	Minimum Bend Radius	Minimum Burst Pressure (PSI)	Hose O.D.	Hose I.D.	Part No.
250	3	1,000	.63	.375	**801-6-GRA-BX**
250	5	1,000	.78	.500	**801-8-GRA-BX**

Parker

SAE J1402 All Medium Pressure Hose

One wire braid, textile cover. For high temperature engine and brake requirements. Use with 20 Series and 22 Series fittings.
Construction: Synthetic rubber tube, textile inner braid, high tensile steel wire braid reinforcement, textile braid cover.
Application: Medium pressure hydraulic, turbo charger, filtration and oil lines, diesel fuel filter, engine and transmission coolant lines, air brake, power steering and tilt cab. SAE J1402 and D.O.T. FMVSS 106-AII air brake hose requirements.
Temperature Range: -40 Deg. F to +300 Deg. F, 150 Deg. F maximum

Maximum Working Pressure (PSI)	Minimum Bend Radius	Minimum Burst Pressure (PSI)	Hose O.D.	Hose I.D.	Part No.
2500	3.000	10,000	.52	3/16	**261-4-BX**
2500	3.375	9,000	.58	1/4	**261-5-BX**
2000	4.000	9,000	.67	5/16	**261-6-BX**
2000	4.625	8,000	.77	13/32	**261-8-BX**
1400	5.500	7,000	.92	1/2	**261-10-BX**

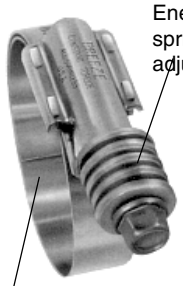
Parker

HOSE CLAMPS

Power - Seal®
General Purpose Industrial Clamps
Stainless steel band and housing with carbon steel slotted hex head screw. General purpose three-piece clamps. Interlocked construction, no welds, no bumps. Exceeds all SAE requirements. Use for all standard clamp applications.

Part No.	Effective Diameter Range			
	Min.		Max.	
	In.	m m	In.	m m
BR62006	7/16	11	25/32	20
BR62008	1/2	13	29/32	23
BR62010	9/16	14	1 1/16	27
BR62012	1 1/16	17	1 1/4	32
BR62016	1 3/16	21	1 1/2	38
BR62020	1 3/16	21	1 3/4	44
BR62024	1 1/16	27	2	51
BR62028	1 5/16	33	2 1/4	57
BR62032	1 9/16	40	2 1/2	64
BR62036	1 13/16	46	2 3/4	70
BR62040	2 1/16	52	3	76
BR62044	2 5/16	59	3 1/4	83
BR62048	2 9/16	65	3 1/2	89
BR62052	2 13/16	71	3 3/4	95
BR62056	3 1/16	78	4	102
BR62064	3 9/16	91	4 1/2	114
BR62072	1 7/8	48	5	127
BR62080	2 1/2	64	5 1/2	140
BR62096	3 5/8	92	6 1/2	165
BR62104	4 1/8	108	7	178

BREEZE Constant-Torque® Clamping System
A revolutionary clamp that reacts to changes in hose systems by actually increasing or decreasing its own diameter as the system expands or contracts. Specifically recommended for coolant lines. 100% stainless steel. OEM approved.



Energy stored in compressed Belleville springs controls automatic clamp adjustment

Liner protects soft or silicone hose from damage, extrusion, or shear.

Part No.	Effective Diameter Range			
	Min.		Max.	
	In.	m m	In.	m m
AERO-SEAL construction for use on small diameter applications - torque rated 30-70 in./lbs.				
CT9410	13/16	21	1 1/16	27
CT9412	15/16	24	1 1/4	32
CT9416	13/16	21	1 1/2	38
Heavy-duty construction for use on large diameter applications - torque rated 50-125 in./lbs.				
CT175L	1	25	1 3/4	44
CT200L	1 1/4	32	2 1/8	54
CT250L	1 3/4	45	2 5/8	67
CT300L	2 3/4	57	3 1/8	79
CT350L	2 3/4	70	3 5/8	92
CT400L	3 1/4	83	4 1/8	105
CT450L	3 3/4	95	4 5/8	118
CT500L	4 1/4	108	5 1/8	130

Miniature Clamps
A lightweight streamline clamp generally used in small diameter applications such as air and fuel lines. The streamline configuration allows for installation in tight fitting or difficult to reach areas. This clamp creates high sealing pressure with only 10 to 15 in./lbs. of installation torque.

Part No.	Effective Diameter Range			
	Min.		Max.	
	In.	m m	In.	m m
BR3504	7/32	5.6	5/8	16
BR3506	7/16	11	25/32	20
BR3508	1/2	13	15/16	24
BR3510	9/16	14	1 1/16	27

AERO-SEAL® Liner Clamps for Soft/Silicone Hose
Stainless steel band, saddle and housing with a carbon steel 5/16" hex screw. Aero-Seal Quadra-lock construction for extra strength.
Integral extension of the band as a liner - no rivets or welds. Protects soft-surface hose (silicone and others) from damage caused by extrusion or shearing through the band slots. Breeze liner clamps give the truest concentric seal of any clamp made.

Part No.	Effective Diameter Range			
	Min.		Max.	
	In.	m m	In.	m m
BR9206	9/16	14	13/16	21
BR9208	11/16	17	15/16	24
BR9210	13/16	21	1 1/16	27
BR9212	15/16	24	1 1/4	32
BR9216	13/16	21	1 1/2	38
BR9220	13/16	21	1 3/4	44
BR9224	1 1/16	27	2	51
BR9228	1 5/16	33	2 1/4	57
BR9232	1 9/16	40	2 1/2	64
BR9236	1 13/16	46	2 3/4	70
BR9240	2 1/16	52	3	76
BR9244	2 5/16	59	3 1/4	83
BR9248	2 9/16	65	3 1/2	89
BR9252	2 13/16	71	3 3/4	95

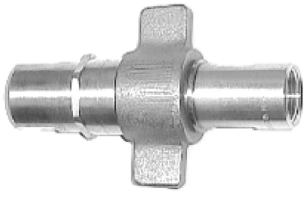
BREEZE®
BREEZE CLAMP PRODUCTS

6100 Series Hydraulic Quick Disconnect Couplings

Parker's 6100 Series thread to connect couplings can be used in a wide variety of industrial applications where heavy-duty couplings are required that can be connected under pressure with little or no spillage.

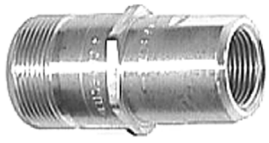
Body Size	3/4	3/4	1	1¼	1½
Dash Number	-08	-12	-16	-20	-24
Rated Pressure* (psi)					
Female Half	3000	3000	3000	2750	2000
Male Half	3000	3000	3000	2500	2500
Complete Coupling Assembly	3000	3000	3000	2750	2500
Temperature Range	-40 Deg. F to +250 deg. F				
Rated Flow (gpm)	12	28	50	76	100

*Minimum burst pressure is equal to three times the rated pressure. Not recommended for continuous hydraulic impulse applications at rated pressures.



Wing Nut Coupler Assembly

Body Size (In.)	Thread Size NPTF	With Flange Part No.	Without Flange Part No.
1	1-11½	**6100-16**	**6120-16**



Brass Nipple

Body Size (In.)	Thread Size NPTF	With Flange Part No.	Without Flange Part No.
1	1-11½	**6115-16**	**6105-16**
1¼	1¼-11½		**6105-20**

Wing Nut Coupler

Body Size (In.)	Thread Size NPTF	Brass Part No.
1	1-11½	**6125-16**
1¼	1¼-11½	**6125-20**
1½	1½-11½	**6125-24**

Dust Plug
6109-16

Dust Cap
6108-16

Dust Plugs and Caps

Body Size (In.)	Dust Plug Part No.	Dust Cap Part No.
1	**6109-16**	**6108-16**

Note: Wing nut couplers in body sizes of 3/4", 1¼", and 1½" available as special order.

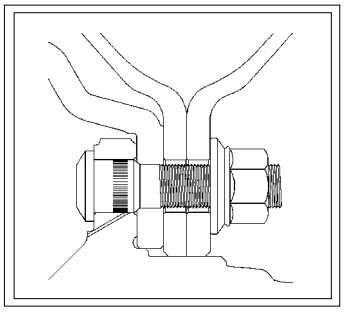
Note: Nipples in body sizes of 3/4", 1¼", and 1½" available as special order.

TRAILER AXLE KITS

Features To Consider When Ordering Axle Kits

HUBS

Hubs for Hub-Piloted Wheels (Outboard Drums) or Hubs for Stud-Piloted Wheels (Inboard Drums)?



Hub Piloted - Cone Lock Nut Mounting (CLN)
One nut per stud tightens and holds both inner and outer duals, or single wheels. Only right hand nuts are required. Wheels for cone lock nut mounting are identified by the lack of deep countersinks around the stud holes. Wheels are centered by the close fit of the wheel center hole to the hub pilot. Hub piloted wheel systems are available in both 8 and 10 hole configurations.
Outboard drums (Fig. 1) eliminate the need to remove hubs when servicing brakes vs. Inboard (Fig. 2).

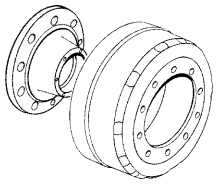
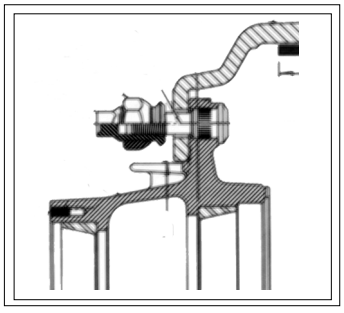


Fig. 1
Outboard Mounted Drum with Hub For Hub-Piloted Wheels



Stud Piloted - Double Cap Nut Mounting (DCN)
Inner and outer nuts on duals, or single cap nut on front wheels locate and hold the wheels. Both right hand and left hand threaded studs are required. A total of 20 nuts required per wheel; 10 inner, 10 outer. Wheels are identified by spherical countersink around bolt holes. Wheels are centered by the fitting of the ball face of nuts into the ball seat of wheel bolt holes. Inboard or outboard drums can be used.

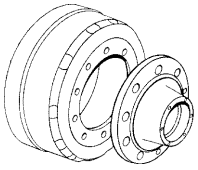


Fig.2
Inboard Mounted Drum with Hub For Stud-Piloted Wheels

Type of Slack Adjusters

Per Docket No. 91-21 Notice of the Federal Register, all air-braked vehicles requiring FMVSS-121 compliance built on or after October 20, 1994 will need to be equipped with automatic slack adjusters and stroke-indicating air chambers. Axles are still available with manual slack adjusters, however these axles should only be used on 121-exempt vehicles. Ultimate responsibility for compliance lies with the vehicle manufacturer or axle installer.

ABS RULES

Because of government mandates, all trailers built after March of 1997 must be equipped with ABS. On replacement axles, care must be taken to equip the replacement axle to match existing systems.

Our Axle kits are covered by part numbers made up of codes . These codes represent various axle components. These components are loose; however axles can be ordered with components assembled by simply adding an "A" to the beginning of the part number. (Example: AS08-1309-2008-09)
Because of the wide selection of axles available from stock, orders for assembled axle kits can be filled on short notice. Look over the listings on the following pages. If you need more information, call us.
We can help!

Using this guide, we will have a part number similar to the example below, that we use to order <u>your</u> axle kit.

Part No. AS01-1209-0808-09

Do you want your axle components assembled? Yes / **No** The example calls for an assembled axle.
Type of bearings? The example calls for Timken bearings.
Axle? In the example, the axle being used is part number 1014057. See the following pages listing axles.
Oil Seals? Choose the seal of your choice, making sure it is compatible with the axle you are using. The example is using Stemco.
Hubcaps? Make sure the hubcap you choose will work with the wheels that will be used. The example is using two six hole aluminum hub caps.
Slack adjusters? These should be compatible with the cams on your axle. The example calls for R801074 Meritor auto slacks.
Air Chambers? The example here calls for an Anchorlok sealed type 3030 spring brake part number.
Cast Wheels or Hubs? Make sure it works with the axle being used. The example calls for a set of ten-stud hub and drum assemblies with RH and LH studs (1013824 & 1013825).

ARVIN MERITOR AXLE SERIES

Arvin Meritor, one of the Premier Manufacturers of Trailer Axles, is well represented here at New Life. The Following Listing explains the types of axles and benefits.

ArvinMeritor™ ArvinMeritor™

TN SERIES

The Meritor TN Series is the industry workhorse - an economical, standard-use axle, highly suitable for a wide range of vocational applications. ArvinMeritor's pioneering and introduction of many unique features and benefits have made the TN Series the standard on more trailers than any other axle.

Features	Benefits
•Lightweight Design	•Maximizes fuel efficiency and ability to carry increased payloads.
•Integral spindles with induction hardening of critical areas, such as both bearing journals, and integral stamped spiders.	•Enhances strength and durabilty.
•Closely controlled spindle alignment.	•Improves Tire Life.
•Available with Meritor Q or Q Plus™ "quick change" brakes.	•Increases service intervals

TQ SERIES

Extra heavy-duty Meritor TQ axles are designed specifically to endure the severe torsional forces exerted on an axle by air ride suspensions. When used as a standard suspension, however, the TQ axle also stands up much better against forces exerting downward pressure on the suspension. What that means is that the Meritor TQ trailer alxes are appropriate when heavier-than-normal cargos will routinely be transported

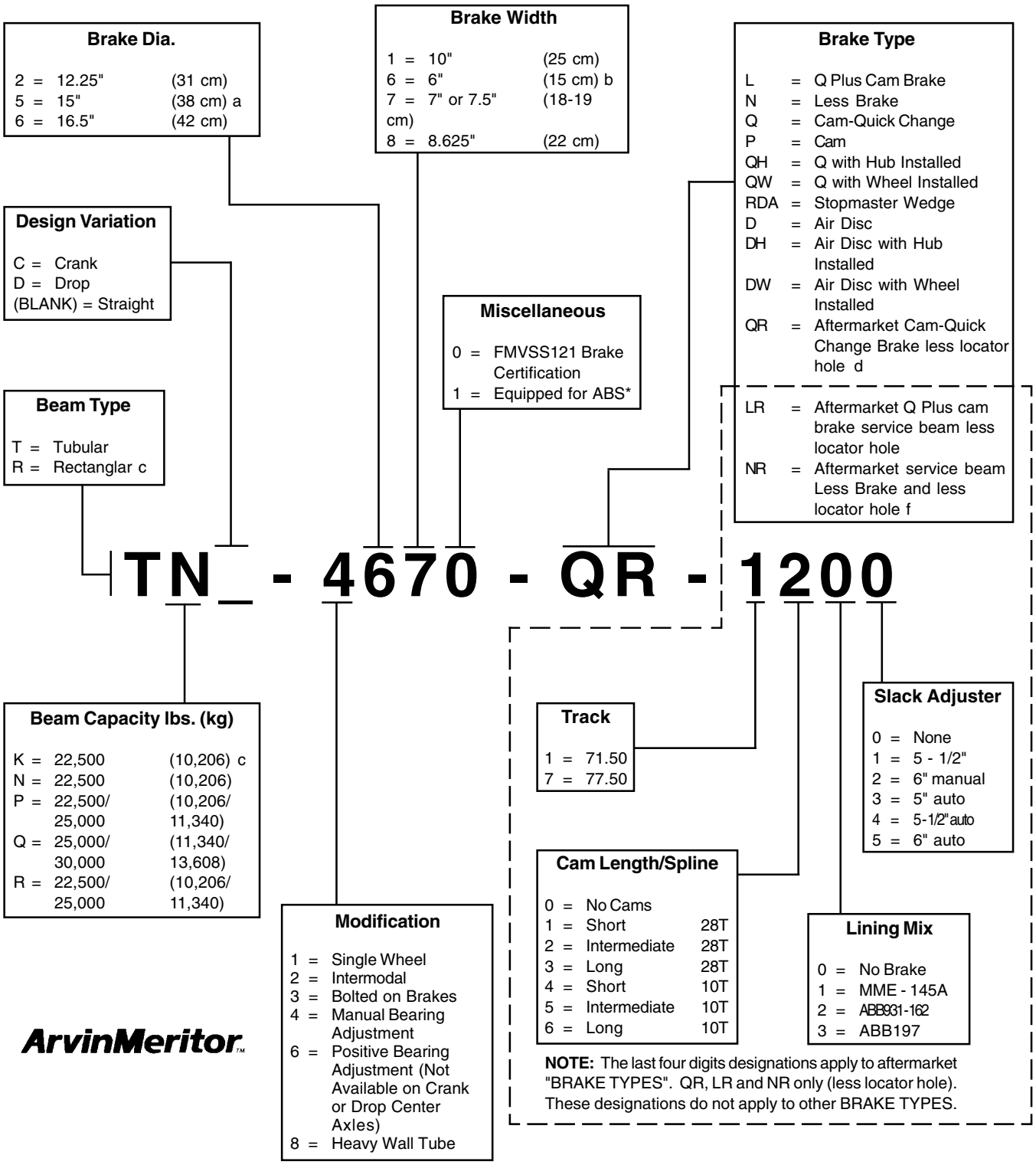
Features	Benefits
•Thicker axle wall than the TN Series axle.	•Provides rugged design that can withstand stress caused by torque rod action.
•Standard bolt-on bushing assembly.	•Provides long-life, easy-to-service assembly that can withstand the demanding forces of heavy-duty applications.
•Lightest weight extra heavy-duty axle in the industry	•Maximizes fuel efficiency and ability to carry.

TP SERIES

The Meritor TP Series axle is the axle to use when you need compatibility to the Fruehauf™/ Pro-Par™ type wheel end. If this type of axle is in the fleet, wheel end components are interchangeable with that design.

Features	Benefits
•Inner and outer axle bearings that are the same size. Most TP axle brake parts are interchangeable with those featured on Meritor Drive axles.	•Reduces inventory requirements.
•Standard Q series brakes.	•Can be changed in two minutes or less, no tools.
•Optional Q Plus™ brakes	•Provides longer service intervals.

MERITOR/ROCKWELL TRAILER AXLE - MODEL NO.'S & DESIGNATIONS

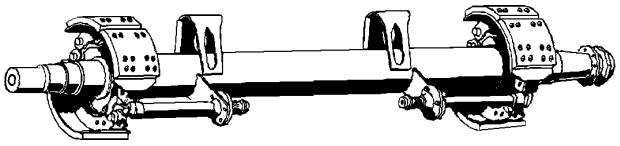


ArvinMeritor™

a = Drum or Rotor
b = Denotes Brake Shoe Width or Pad Size
c = Service beam only

d = Equipped with brake shoes and camshafts
e = LR axles NOT available with 10 spline camshafts
f = Equipped with camshafts
* = ABS equipped axles not available less the locator hole

TRAILER AXLES



ArvinMeritor™

- All numbers listed represent axles in stock.
- All axles complete with cams and shoes installed; less slacks and chambers.
- All axles are without camber, and have welded-on spiders
- Premium bolt-on cam bushing packages

71.5" Track Long Cams	Part Number: 1014054-ABS
Brake Size:	16-1/2 X 7 Q
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	24.14" Q Plus, 28 Spline
Additional Specifications:	Q fabricated shoes, air chamber support brackets and spindle nuts.

77.5" Track Long Cams	Part Number: 1014055-ABS
Brake Size:	16-1/2 X 7 Q
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	77.5
Brake Cams:	24.14" Q Plus, 28 Spline
Additional Specifications:	Q fabricated shoes, air chamber support brackets and spindle nuts.

71.5" Track Intermediate Cams	Part Number: 1014057-ABS
Brake Size:	16-1/2 X 7 Q
Beam Capacity (lbs):	22,500
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	20.47" Q Plus, 28 Spline
Additional Specifications:	Q fabricated shoes, air chamber support brackets and spindle nuts.

77.5" Track Intermediate Cams	Part Number: 1014047-ABS
Brake Size:	16-1/2 X 7 Q
Beam Capacity (lbs):	22,500
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	77.5
Brake Cams:	20.47" Q Plus, 28 Spline
Additional Specifications:	Q fabricated shoes, air chamber support brackets and spindle nuts.

71.5" Track, Long Cams Propar Spindle	Part Number: 1014061-ABS
Brake Size:	16-1/2 X 7 Q
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM518445 Inner, HM518445 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	24.14" Q Plus, 28 Spline
Additional Specifications:	Q fabricated shoes, air chamber support brackets and spindle nuts.

77.5" Track Standard Length Cams	Part Number: 1014050-ABS
Brake Size:	16-1/2 X 7 Q
Beam Capacity (lbs):	22,500
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	77.5
Brake Cams:	17.38" Q Plus, 28 Spline
Additional Specifications:	Q fabricated shoes, air chamber support brackets and spindle nuts.

77.5" Track Long Cams	Part Number: 1014155-ABS
Brake Size:	16-1/2 X 7 Q-Plus
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	77.5
Brake Cams:	24.14" Q-Plus 28 Spline
Additional Specifications:	Q plus fabricated shoes, air chamber support brackets and spindle nuts.

71.5" Track Standard Length Cams	Part Number: 1014048-ABS
Brake Size:	16-1/2 X 7 Q
Beam Capacity (lbs):	22,500
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	17.38" Q Plus, 28 Spline
Additional Specifications:	Q fabricated shoes, air chamber support brackets and spindle nuts.

IMT AXLE APPLICATION GUIDE

Axle	Bearings		Brg. Cap. (Lbs./Kg.)	Recommended Applications	
F19	Outer Cup Outer Cone Inner Cup Inner Cone	**HM212010** **HM212049** **653** **663**	22500 / 10225	Vans Platforms And Intermodal Chassis Auto Haulers Close Coupled Suspensions	
A21	Outer Cup Outer Cone Inner Cup Inner Cone	**632** **643** **742** **749**	22500 / 11350	Tankers Dry Bulk U.S . Ordinance #12275487	
F22	Outer Cup Outer Cone Inner Cup Inner Cone	**HM212010** **HM212049** **HM218210** **HM218248**	22500 / 11350	Vans Platforms Auto Haulers Loggers	Dumpers Tankers And Dry Bulk Intermodal Chassis Wide Spread Suspensions
F22T	Outer Cup Outer Cone Inner Cup Inner Cone	**HM212010** **HM212049** **HM218210** **HM218248**	22500 / 11350	Vans Platforms On/Off Highway Loggers	Dumpers Tankers Dry Bulk Wide Spread Suspensions
F24	Outer Cup Outer Cone Inner Cup Inner Cone	**HM518410** **HM518445** **HM518410** **HM518445**	26000 / 11800	Vans Platforms Tankers Dry Bulk	Loggers Dumpers Wide Spread Suspensions
F24T	Outer Cup Outer Cone Inner Cup Inner Cone	**HM518410** **HM518445** **HM518410** **HM518445**	26000 / 11800	Vans Platforms Tankers Dry Bulk	Loggers Dumpers Wide Spread Suspensions On/Off Highway
A26	Outer Cup Outer Cone Inner Cup Inner Cone	**742** **740** **752** **759**	30000 / 13600	On/Off Highway Heavy Duty Loggers Mining	

RECOMMENDATIONS:

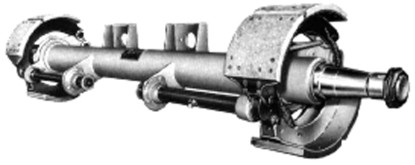
Ingersoll Axles

1. FOLLOW THE "AXLE CAPACITY RATING - NORMAL SERVICE" CHARTS IN THE IMT AXLE CATALOG, TO SELECT FOR APPLICATIONS ON MOSTLY HIGHWAY SERVICE AND SPRING SUSPENSIONS.

2. WHEN HAULING SIGNIFICANT DISTANCES OFF-HIGHWAY-OR-ON EXCEPTIONALLY ROUGH ROADS **- SELECT THE NEXT HEAVIER WALL AXLE TUBING.**

3. WHEN INSTALLING THE AXLE ON HIGH TORSION SUSPENSIONS SUCH AS AIR-RIDES, SINGLE PIVOT POINT, AND WALKING BEAM SUSPENSIONS **- SELECT THE NEXT HEAVIER WALL AXLE TUBING.**

TRAILER AXLES



INGERSOLL AXLES by IMT

- All numbers listed represent axles in stock.
- All axles complete with cams and shoes installed; less slacks and chambers.
- All axles are without camber, and have welded-on spiders.

71.5" Track Long Cams	Part Number: 3314054-ABS
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	23.75" Long, 28 Spline
Additional Specifications:	Fast Change shoes, air chamber support brackets and spindle nuts.

77.5" Track Long Cams	Part Number: 3314055-ABS
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	77.5
Brake Cams:	23.75" Long, 28 Spline
Additional Specifications:	Fast Change shoes, air chamber support brackets and spindle nuts.

77.5" Track Long Cams	Part Number: 3314054-ABS-173
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	77.5
Brake Cams:	17.375" Long, 28 Spline
Additional Specifications:	Fast Change shoes, air chamber support brackets and spindle nuts.

71.5" / 77.5" Track Long Cams	Part Numbers: 3011655-ABS 3011658-ABS
Brake Size:	12-1/4 X 7.5
Beam Capacity (lbs):	22,500 and 25,000
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	71.5 and 77.5
Brake Cams:	23.38" Long, 28 Spline
Additional Specifications:	Fast Change shoes, air chamber support brackets and spindle nuts.

71.5" Track Intermediate Cams	Part Number: 3314057-ABS
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	22,500
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	20.63" Long, 28 Spline
Additional Specifications:	Fast Change shoes, air chamber support brackets and spindle nuts.

96" Track Long Cams	Part Number: 3314058-ABS
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	96.0
Brake Cams:	23.75" Long, 28 Spline
Additional Specifications:	Fast Change shoes, air chamber support brackets and spindle nuts.

71.5" Track, Long Cams Propar Spindles	Part Number: 3314061-ABS
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM518445 Inner, HM518445 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	23.75" Long, 37 Spline
Additional Specifications:	Fast Change shoes, air chamber support brackets and spindle nuts.

77.5" Track, Long Cams Propar Spindles	Part Number: 3314062-ABS
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM518445 Inner, HM518445 Outer
Beam:	5 Inch Round
Track:	77.5
Brake Cams:	23.75" Long, 37 Spline
Additional Specifications:	Fast Change shoes, air chamber support brackets and spindle nuts.

SPICER AXLE MODEL NUMBER IDENTIFICATION

D22 -- FC 167 W - NH A -- 5 -- 715

AXLE MODEL

D	=	Friction Weld Spindle
P	=	Friction Weld w/ProPar style spindle & bearings
K,A	=	Inserted Spindle
*DD	=	Friction Weld Spindle w/ drop center (Pusher)
*KD	=	Inserted Spindle w/drop center (Pusher)
10	=	10,000# cap 3.5" x .5
14	=	15,000 cap 5" x .5
21	=	20-22,500# cap 5" x .5 or 5" x .625 or 5" x .75
25	=	25,000# cap 5" x .75
30	=	30,000# cap 5.75" x .625
45	=	45,000# cap 5.75" Solid
65	=	65,000# cap 6" Solid

BRAKE SHOE

FC	=	Fast Change Fabricated, Tapered Riveted Lining
FT	=	Pivot Type Fabricated, Tapered Riveted Lining
FB	=	Fabricated, Bolted Lining
CS	=	Cast Shoes
EB	=	Electric Brakes
HB	=	Hydraulic Brakes
NB	=	No Brakes

TRACK LENGTH (INCHES)

715	=	71.5"	} lengths
775	=	77.5"	} available up
1200	=	120"	} to 120"

WALL THICKNESS

5	=	1/2"	7 =3/4"
6	=	5/8"	S = Solid

AIR CHAMBER

A	=	Air chambers mounted on axle
X	=	No air chambers

WHEELS

NH	=	No hub or wheel
B6	=	Six hole hub & drum
B10	=	Ten hole hub & drum
SW6	=	Single six hole
SW10	=	Single wheel ten hole
WD	=	Cast spoke wheel & drum
H	=	Heavy duty studs (EX:B10H)

SPIDER

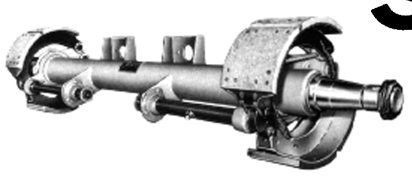
W	=	Welded
B	=	Bolt-on

BRAKE SIZE

123	=	12 1/4 x 3 Hydraulic
1235	=	12 1/4 x 3 1/2 Electric
1250	=	12 1/4 x 5
1255	=	12 1/4 x 5 1/2
1275	=	12 1/4 x 7 1/2
153	=	15 x 3 Electric
154	=	15 x 4 Electric
155	=	15 x 5 Electric
165	=	16 1/2 x 5
167	=	16 1/2 x 7
168	=	16 1/2 x 8 5/8
1610	=	16 1/2 x 10
187	=	18 x 7
208	=	20 x 8

*** NOTE:** All DD or KD drop center axles are built with 5/8" wall tubing.

TRAILER AXLES



SPICER®

DANA

- All numbers listed represent axles in stock.
- All axles complete with cams and shoes installed; less slacks and chambers.
- All axles are without camber, and have welded-on spiders

71.5" Track Long Cams	Part Number: 2214054-ABS
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	23.75" Long, 28 Spline
Additional Specifications:	Fast Change shoes, air chamber support brackets and spindle nuts.

77.5" Track Long Cams	Part Number:2214055-ABS
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	77.5
Brake Cams:	23.75" Long, 28 Spline
Additional Specifications:	Fast Change shoes, air chamber support brackets and spindle nuts.

71.5" Track Intermediate Cams	Part Number: 2214057-ABS
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	22,500
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	20.63" Long, 28 Spline
Additional Specifications:	Fast Change shoes, air chamber support brackets and spindle nuts.

Tech Note:

AXLE TRACK LENGTHS AND SPRING CENTERS

To maintain the specified weight capacity of a new trailer axle, it is important that the proper spring seat spacing is used. The capacities given here are based on 38" spring centers for axles with 71-1/2" track, and 44" centers for axles with 77-1/2 track. Locating the spring centers closer to the center of the axle results in lost carrying capacity for that axle.

71.5" Track, Long Cams Propar Spindles	Part Number: 2214061-ABS
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM518445 Inner, HM518445 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	23.75" Long, 28 Spline
Additional Specifications:	Fast Change shoes, air chamber support brackets and spindle nuts.

77.5" Track, Long Cams Propar Spindles	Part Number: 2214062-ABS
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM518445 Inner, HM518445 Outer
Beam:	5 Inch Round
Track:	77.5
Brake Cams:	23.75" Long, 28 Spline
Additional Specifications:	Fast Change shoes, air chamber support brackets and spindle nuts.

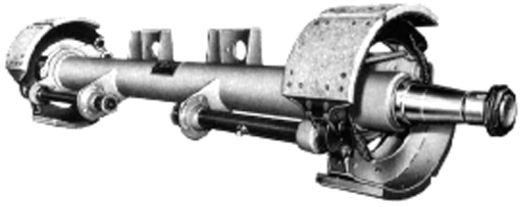
71.5" Track, 16½ Brakes Long Cams, 663 Bearing	Part Number: 1012559 Kit Code Number: 16
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	20,000
Bearing Cones Required:	663 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	23.75" Long, 28 Spline
Additional Specifications:	Fast Change shoes, air chamber support brackets and spindle nuts.

77.5" Track, 16½ Brakes Long Cams, 663 Bearing	Part Number: 1012560 No Kit Code Number
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	22,500
Bearing Cones Required:	663 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	77.5
Brake Cams:	23.75" Long, 28 Spline
Additional Specifications:	Fast Change shoes, air chamber support brackets and spindle nuts.

TRAILER AXLES

SPICER®

DANA



- All numbers listed represent axles in stock.
- All axles complete with cams and shoes installed; less slacks and chambers.
- All axles are without camber, and have welded-on spiders

71.5" Track, 12¼" Brakes Long Cams	Part Number: 1011655-ABS
Brake Size:	12-1/4 X 7-1/2
Beam Capacity (lbs):	22,500
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	23.38" Long, 28 Spline
Additional Specifications:	Fabricated shoes, air chamber support brackets and spindle nuts.

77.5" Track, 12¼" Brakes Long Cams	Part Number: 1011656-ABS
Brake Size:	12-1/4 X 7-1/2
Beam Capacity (lbs):	22,500
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	77.5
Brake Cams:	23.38" Long, 28 Spline
Additional Specifications:	Fabricated shoes, air chamber support brackets and spindle nuts.

71.5" Track, 12¼" Brakes Long Cams	Part Number: 1011657-ABS
Brake Size:	12-1/4 X 7-1/2
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	23.38" Long, 28 Spline
Additional Specifications:	Fabricated shoes, air chamber support brackets and spindle nuts.

77.5" Track, 12¼" Brakes Long Cams	Part Number: 1011658-ABS
Brake Size:	12-1/4 X 7-1/2
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	77.5
Brake Cams:	23.38" Long, 28 Spline
Additional Specifications:	Fabricated shoes, air chamber support brackets and spindle nuts.
*** Part No. 1011658-80-ABS available for 80" Track**	

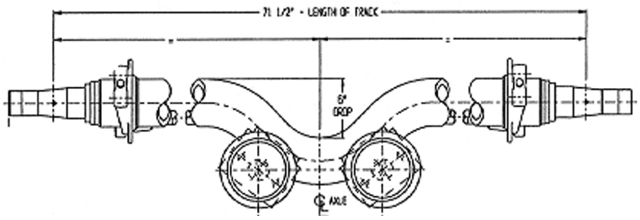
71.5" Track, 12¼" Brakes Long Cams, 663 Bearing	Part Number: 1011654
Brake Size:	12-1/4 X 7-1/2
Beam Capacity (lbs):	20,000
Bearing Cones Required:	663 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	23.38" Long, 28 Spline
Additional Specifications:	Fabricated shoes, air chamber support brackets and spindle nuts.

77.5" Track Long Cams	Part Number: 2214051-ABS
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	22,500
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	77.5
Brake Cams:	23.75" Long, 28 Spline
Additional Specifications:	Fabricated shoes, air chamber support brackets and spindle nuts.

DROP CENTER AXLES

71.5" Track, 16½" Brakes 6 " DROP CENTER	Part Number: 2214073
Brake Size:	16-1/2 X 7
Capacity (lbs):	22,500
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	21.38" Long, 28 Spline
Additional Specifications:	For ART Neway and L225 Granning Susp.

DROP CENTER AXLES



71.5" Track, 16½ Brakes 6 " DROP CENTER	Part Number: 2214053
Brake Size:	16-1/2 X 7
Capacity (lbs):	22,500
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	21.38" Long, 28 Spline
Additional Specifications:	Fabricated shoes, air chamber support brackets and spindle nuts.

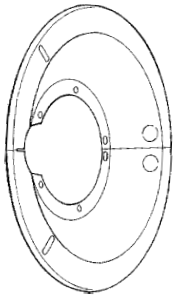
71.5" Track, For Propar 6" DROP CENTER	Part Number: 2214063
Brake Size:	16-1/2 X 7
Capacity (lbs):	22,500
Bearing Cones Required:	HM518445 Inner, HM518445 Outer
Beam:	5 Inch Round
Track:	71.5
Brake Cams:	21.38" Long, 28 Spline
Additional Specifications:	Fabricated shoes, air chamber support brackets and spindle nuts.

SPECIAL TRACK 5" ROUND AXLES

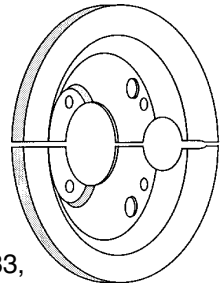
96" Track Long Cams	Part Number: 2214058
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5" Round
Track:	96
Brake Cams:	23.75" Long, 28 Spline
Additional Specifications:	Fast Change fabricated shoes, air chamber support brackets and spindle nuts.

80" Track Long Cams	Part Number: 2214059
Brake Size:	16-1/2 X 7
Beam Capacity (lbs):	25,000
Bearing Cones Required:	HM218248 Inner, HM212049 Outer
Beam:	5" Round
Track:	80
Brake Cams:	23.75" Long, 28 Spline
Additional Specifications:	Quick Change fabricated shoes, air chamber support brackets and spindle nuts.

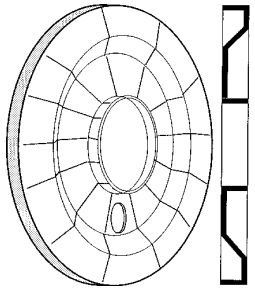
AXLE DUST SHIELDS



STEEL DUSTSHIELD
2 Piece Universal Bolt-On For 16½ X 7 brakes. For applications on Eaton, Fruehauf, Rockwell, Spicer. Replaces E-886, M1583, 02-507
Part No. E-886



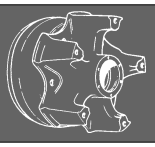
STEEL DUST SHIELD
2 Piece For Rockwell Axles with fabricated steel spiders. Replaces A2-3264-N-1236 As-3264-P-1238 E-9095
Part No. R009095



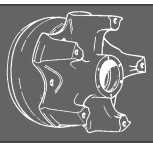
PLASTIC DUST SHIELD
For 5" Round Axles. Installed on axle beam using clamping hardware included.
Part No. 1012019

Note: Dust shields are easily damaged if they are installed before the axle is on the vehicle. For this reason, they are not available as part of an axle kit.

CAST SPOKE WHEELS



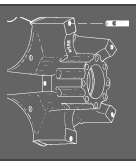
Cast Spoke Trailer Wheels Complete With Brake Drums, Bearing Cups, Spacers, Clamps and Nuts



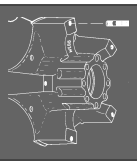
Part No.	Wheel Dimensions	Bearing Cups Inner	Bearing Cups Outer	Brake Size	Webb No.	Comments
15 INCH SPOKE WHEEL With 12-1/4X7-1/2 Drum, "Corr-Chan" Type Spacer, Clamps and Nuts						
1126319	15 Inch 3 Spoke	653	HM212011	12¼X7½	83153CCA	48-09763-057
1133915	15 Inch 3 Spoke	HM218210	HM212011	12¼X7½	70009CKA	48-14054-054
20 INCH SPOKE WHEEL With 16-1/2X7 Drum, "Corr-Chan" Type Spacer, Clamps and Nuts						
1032765	20 inch 5 spoke	653	HM212011	16½X7	85203GCA	48-07791-051
1133849	20 Inch 5 Spoke	HM218210	HM212011	16½X7	75209GCA	48-14018-051
1133922	20 Inch 3 Spoke	HM218210	HM212011	16½X7	73209GCA	
1133851	20 Inch 5 Spoke	HM518410	HM518410	16½X7	5580ZHCA	
76209GCA	20 Inch 6 Spoke	HM218210	HM212011	16½X7	76209GCA	
22 INCH SPOKE WHEELS With 16-1/2X7 Drum, "Corr-Chan" Type Spacer, Clamps and Nuts						
5682ZHDA	22 Inch 5 Spoke	HM518410	HM518410	16½X7	5682ZHDA	
76229GCA	22 Inch 6 Spoke	HM218210	HM212011	16½X7	76209GCA	

Cast Spoke Trailer Wheels <u>Less Brake Drums</u>, With Bearing Cups, Spacers, Clamps and Nuts

Part No.	Wheel Size & Description	Bearing Cups Inner	Bearing Cups Outer	Webb No.	Dayton No.	Comments
15 INCH SPOKE WHEEL With "Corr-Chan" Type Spacer, Clamps and Nuts						
1011778	15 Inch 3 Spoke	653	HM212011	83153--A	01-09719-010	
1011915	15 Inch 3 Spoke	HM218210	HM212011	73159--A	47-14054-002	
20 INCH SPOKE WHEEL With "Corr-Chan" Type Spacer, Clamps and Nuts						
1031445	20 inch 5 spoke	653	HM212011	85203--A	01-07791-002	
1011978	20 Inch 5 Spoke	HM218210	HM212011	75209--A	01-14018-013	
1011987	20 Inch 3 Spoke	HM218210	HM212011	73209--A	01-14245-003	
1011982	20 Inch 5 Spoke	HM518410	HM518410	5580Z--A	01-08990-017	
75109--K	20 Inch 5 Spoke	HM218210	HM212011	16½X7	75109GCK	Single Wheel
22 INCH SPOKE WHEELS With "Corr-Chan" Type Spacer, Clamps and Nuts						
1033908	22 Inch 5 Spoke	653	HM212011	85223--A	01-07841-016	
76229--A	22 Inch 5 Spoke	HM218210	HM212011	75229--A	01-14068-008	
76229--A	22 Inch 3 Spoke	HM218210	HM212011	73229--A	01-14246-005	



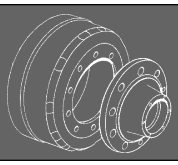
Cast SpokeTruck Drive Wheel <u>Less Brake Drum</u>, With Bearing Cups, Clamps, Spacer.



20 AND 22 INCH SPOKE WHEEL WITH "CORR-CHAN" TYPE SPACER, CLAMPS AND Nuts (also available as assemblies)

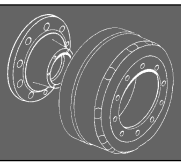
Part No.	Description	Bearing Cups Inner	Bearing Cups Outer	Webb No.	Dayton No.	Comments
35607-A	20 Inch 6 Spoke	592A	572	35607--A	14395	Eaton, Rockwell "R" Series Applications.
35627-A	22 Inch 6 Spoke	592A	572	35627--A	146 95	Eaton, Rockwell "R" Series Applications.

TRAILER HUB AND DRUM ASSEMBLIES



STEEL HUBS WITH INBOARD DRUMS
With Double Cap Nuts For Use With Ball Seat Mount Disc Wheels

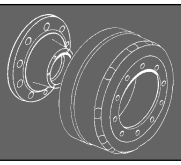
Hub Assembly Description	OEM Hub No.	Bearings Inner Cup Outer Cup	Wheel Type	Stud Type	Stud RH	Stud LH	Inner Nuts	Outer Nuts	Brake Drum	Part Numbers Hub & Drum Assy	Part Numbers Hub* L/Drum
Steel, 10 Stud, 11.25" B.C. Cast Drum	1001	HM218210 HM212011	Dual Steel	Shoulder	NL5206	NL5207	RH NL5500 LH NL5501	RH NL5512 LH NL5513	16.5X7 62200	RH **1013822** LH **1013823**	**1013802** **1013802**
Steel, 10 Stud, 11.25" B.C. Cast Drum	1051	HM218210 HM212011	Dual Steel	Shoulder	NL5206	NL5207	RH NL5500 LH NL5501	RH NL5512 LH NL5513	12.25X7.5 63631	RH **1013812** LH **1013813**	**10519–N** **10519–N**
Steel, 10 Stud, 11.25" B.C. Cast Drum	1221	653 HM212011	Dual Steel	Shoulder	NL5206	NL5207	RH NL5500 LH NL5501	RH NL5512 LH NL5513	16.5X7 62200	RH **1010312** LH **1010313**	**12213–N** **12213–N**
Steel, 10 Stud, 11.25" B.C. Cast Drum	1331	HM518410 HM518410	Dual Steel	Shoulder	183102	183101	RH NL5500 LH NL5501	RH NL5512 LH NL5513	16.5X7 68730	RH **1013830** LH **1013831**	**1013804** **1013804** *Studs Not Included



STEEL HUBS WITH OUTBOARD DRUMS
With Double Cap Nuts For Use With Ball Seat Mount Disc Wheels

Hub Assembly Description	OEM Hub No.	Bearings Inner Cup Outer Cup	Wheel Type	Stud Type	Stud RH	Stud LH	Inner Nuts	Outer Nuts	Brake Drum	Part Numbers Hub & Drum Assy	Part Numbers Hub* L/Drum
Steel, 10 Stud, 11.25" B.C. Cast Drum	1020	HM218210 HM212011	Dual Steel	Shoulder	NL5308	NL5309	RH NL5500 LH NL5501	RH NL5512 LH NL5513	16.5X7 66893	RH **1013824** LH **1013825**	**1013803** **1013803**
Steel, 10 Stud, 11.25" B.C Cast Drum	1320	HM518410 HM518410	Dual Steel	Serrated	159184	159183	RH NL5500 LH NL5501	RH NL5512 LH NL5513	16.5X7 66893	RH **1013834** LH **1013835**	**1320–N** **1320–N**

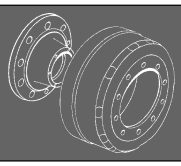
*Studs Not Included



STEEL HUBS WITH OUTBOARD DRUMS
With Single Cap Nuts For Use With Pilot Mount Disc Wheels

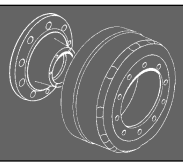
Hub Assembly Description	OEM Hub No.	Bearings Inner Cup Outer Cup	Wheel Type	Stud Type	Stud RH	Nut RH	Brake Drum	Part Numbers Hub & Drum Assembly	Part Numbers Hub* Less Drum
Steel, 10 Stud, 11.25" B.C.(285.75MM) Centrifuse Drum	2023	HM218210 HM212011	Dual Steel	Serrated	NL5106	106333	16.5X7 89999B	**1013837**	**20231--3**
Steel, 10 Stud, 11.25" B.C.(285.75MM) Cast Drum	2023	HM218210 HM212011	Dual Steel	Serrated	NL5106	106333	16.5X7 66884	**1013827**	**20231--3**
Steel, 10 Stud, 11.25" B.C.(285.75MM) Cast Drum	2023	HM218210 HM212011	Dual Alum	Serrated	NL5107	106333	16.5X7 66884	**1013829**	**20231--5** *Studs Installed

TRAILER HUB AND DRUM ASSEMBLIES



STEEL HUBS WITH OUTBOARD DRUMS
With Single Cap Nuts For Use With Pilot Mount Disc Wheels

Hub Assembly Description	OEM Hub No.	Bearings Inner Cup Outer Cup	Wheel Type	Stud Type	Stud RH	Nut RH	Brake Drum	Part Numbers	
								Hub & Drum Assembly	Hub* Less Drum
Steel, 8 Stud, 275MM B.C. Cast Drum	2028	HM218210 HM212011	Dual Steel	Serrated	NL5106	88881	16.5X7 66875	**20281UF-4-10**	**20281–3**
Steel, 8 Stud, 275MM B.C. Centrifuse Drum	2028	HM218210 HM212011	Dual Steel	Serrated	NL5106	88881	16.5X7 88797B	**1013848**	**20281–3**
Steel, 8 Stud, 275MM B.C. Centrifuse Drum	2028	HM218210 HM212011	Dual Alum	Serrated	101161	88881	16.5X7 88797B	**1013849**	**20281–7**
Steel, 10 Stud, 11.25" B.C.(285.75MM) Cast Drum	2323	HM518410 HM518410	Dual Steel	Serrated	NL5106	106333	16.5X7 66884	**1013832**	**23231–5** *Studs Installed

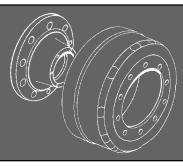


ALUMINUM HUBS WITH OUTBOARD DRUMS
With Single Cap Nuts For Use With Pilot Mount Disc Wheels

Hub Assembly Description	OEM Hub No.	Bearings Inner Cup Outer Cup	Wheel Type	Stud Type	Stud RH	Nut RH	Brake Drum	Part Numbers	
								Hub & Drum Assembly	Hub* Less Drum
Aluminum, 10 Stud, 11.25" B.C. Centrifuse Drum	40231--5	HM218210 HM212011	Dual Alum	Serrated	102188	106333	16.5X7 89996B	**2013829**	**40231--5**

*Studs Installed

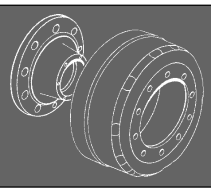
TRAILER HUBS WITH TONE RINGS FOR ABS



STEEL AND ALUMINUM HUBS FOR ANTI-LOCK BRAKE SYSTEMS

Hub Assembly Description	OEM Hub No.	Bearings Inner Cup Outer Cup	Stud Type	Stud Included	Stud Part No.	Drum Mount	Part No. Hub & Cup Assembly (Less Drum)	Comments
Steel, 10 Stud, 11.25" B.C. (285.75MM)	2023	HM218210 HM212011	Serrated	No	–	Outboard	**20281–3T**	Metric 8 Stud For Hub Piloted Wheels -ALUMINUM
Steel, 10 Stud, 11.25" B.C. (285.75MM)	2323	HM518410 HM518410	Serrated	No	–	Outboard	**23231–3T** **23231–5T**	**Dash 3 is Steel Wheel** Metric 10 Stud For Hub Piloted Wheels **Dash 5 is Aluminum Wheel**
Alum, 10 Stud, 11.25" B.C.	102367	HM218210 HM212011	Serrated	Yes	RH 102190	Outboard	**40231–5T**	Metric 10 Stud (Unimount 10) Studs for Dual Alum Wheels
Alum, 10 Stud, 11.25" B.C.	102367	HM518410 HM518410	Serrated	Yes	RH 102190	Outboard	**43431–5T**	Metric 10 Stud (Unimount 10) Studs for Dual Alum Wheels

TRAILER HUB AND DRUM ASSEMBLIES FOR ABS



STEEL HUBS WITH OUTBOARD DRUMS WITH TONE RING FOR ABS....

....*With* Double Cap Nuts For Use With Ball Seat Mount Disc Wheels

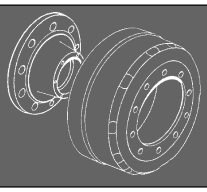
Hub Assembly Description	OEM Hub No.	Bearings Inner Cup Outer Cup	Wheel Type	Stud Type	Stud RH	Stud LH	Inner Nuts	Outer Nuts	Brake Drum	Part Numbers Hub & Drum Assy		Hub* L/Drum
Steel, 10 Stud, 11.25" B.C. Cast Drum	1020	HM218210 HM212011	Dual Steel	Serrated	159184	159183	RH NL5500 LH NL5501	RH NL5512 LH NL5513	16.5X7 66893	RH LH	**1513824** **1513825**	**10209--NT** **10209--NT** *Studs Not Included

WEBB

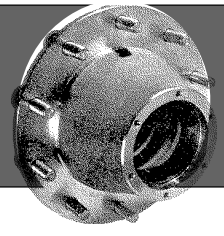
....*With* Single Cap Nuts For Use With Pilot Mount Disc Wheels

Hub Assembly Description	OEM Hub No.	Bearings Inner Cup Outer Cup	Wheel Type	Stud Type	Stud RH	Nut RH	Brake Drum	Part Numbers Hub & Drum Assembly		Hub Less Drum
Steel, 10 Stud, 11.25" B.C.(285.75MM) Cast Drum	2023	HM218210 HM212011	Dual Steel	Serrated	NL5106 101162	179933	16.5X7 66884	RH	**1513827**	**20281–3T**
Steel, 10 Stud, 11.25" B.C.(285.75MM) Cast Drum	2023	HM218210 HM212011	Dual Alum	Serrated	NL5106 101162	179933	16.5X7 66884	RH	**1513829**	**20281–5T**
Steel, 10 Stud, 11.25" B.C.(285.75MM) Cast Drum	2323	HM518410 HM518410	Dual Steel	Serrated	NL5107 101160	179933	16.5X7 66884	RH	**1513832**	**23231–3T**
Steel, 10 Stud, 11.25" B.C.(285.75MM) Cast Drum	2819001	HM218210 HM212011	Dual Steel	Serrated	in hub	3018503	16.5X7	RH	**9013827**	**2819001**

WEBB



ALUMINUM HUBS WITH OUTBOARD DRUMS WITH TONE RING FOR ABS...

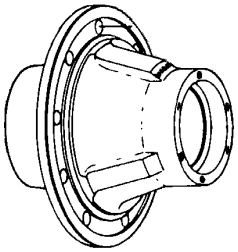


..*With* Single Cap Nuts For Pilot Mount Disc Wheels

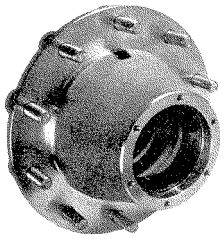
Hub Assembly Description	OEM Hub No.	Bearings Inner Cup Outer Cup	Wheel Type	Stud Type	Stud RH	Nut RH	Brake Drum	Part Numbers Hub & Drum Assembly	Hub* Less Drum
Aluminum, 10 Stud, 11.25" B.C.	102367	HM218210	Dual	Serrated	102190	106333	16.5X7 66864F	**2613829**	**40231-5T**
Centrifuse Drum		HM212011	Alum				89996B	**2513829**	**40231-5T**

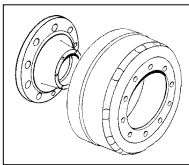
*Studs Installed

TRAILER HUBS

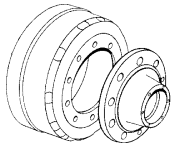


Steel and Aluminum Hubs With and Without Studs For Inboard And Outboard Mount Drums with Cup Included





Outboard Mount Drum



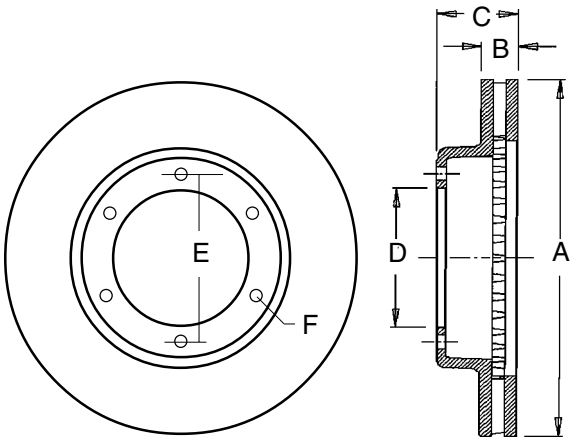
Inboard Mount Drum

Hub Assembly Description	OEM Hub No.	Bearings Inner Cup Outer Cup	Stud Type	Stud Included	Stud Part No.	Drum Mount	Part No. Hub & Cup Assembly (Less Drum)	Comments
Steel, 10 Stud, 11.25" B.C.	1001	HM218210 HM212011	Shoulder	No		Inboard	**1013802**	Double Cap Nuts (DCN) For Stud Piloted Wheels
Steel, 10 Stud, 11.25" B.C.	1331	HM518410 HM518410	Shoulder	No		Inboard	**1013804**	For Propar Screw-on hubcap
Steel, 10 Stud, 11.25" B.C.	1320	HM518410 HM518410	Serrated	No		Outboard	**1013805**	For Propar - Screw-on hubcap
Steel, 10 Stud, 11.25" B.C.	1020	HM218210 HM212011	Serrated Serrated	Yes Yes	RH 198510 LH 198521	Outboard Outboard	**10209--HR** **10209--HL**	Single Wheel OFF ROAD ONLY Single Wheel
Steel, 10 Stud, 11.25" B.C.	1020	HM218210 HM212011	Serrated	No		Outboard	**1013803**	
Steel, 10 Stud, 11.25" B.C. (285.75MM)	2023	HM218210 HM212011	Serrated	Yes	NL5106	Outboard	**20231--3** **20231--3T**	10 Stud Metric (Unimount 10) Studs for Dual Steel Wheels
Steel, 10 Stud, 11.25" B.C. (285.75MM)	2023	HM218210 HM212011	Serrated	Yes	NL5107	Outboard	**20231--5** **20231--5T**	10 Stud Metric (Unimount 10) Studs for Dual Alum Wheels
Steel, 8 Stud, 275MM B.C.	2028	HM218210 HM212011	Serrated	Yes	NL5106	Outboard	**20281--3**	8 Stud Metric, Studs for Dual Steel Wheels
Steel, 8 Stud, 275MM B.C.	2028	HM218210 HM212011	Serrated	Yes	101161	Outboard	**20281--7**	8 Stud Metric, Studs for Dual Alum Wheels.
Steel, 10 Stud, 11.25" B.C.	2323	HM518410 HM518410	Serrated	Yes	NL5107	Outboard	**23231--3** **23231--3T**	For Propar, Hub Piloted 10 Stud Metric Dual Steel Whls
Steel, 10 Stud, 11.25" B.C.	2323	HM518410 HM518410	Serrated	Yes	NL5107	Outboard	**23231--5** **23231--5T**	For Propar, Hub Piloted 10 Stud Metric Dual Alum Wheels
Alum, 10 Stud, 11.25" B.C.	4343	HM518410 HM518410	Serrated	Yes	RH 101150	Outboard	**43431--5**	Propar, Unimount 10 Hub Piloted Wheels
Alum, 10 Stud, 11.25" B.C.	4023	HM218210 HM212011	Serrated	Yes	RH 102190	Outboard	**40231--5**	Metric 10 Stud (Unimount 10) Studs for Dual Alum Wheels
Alum, 10 Stud, 11.25" B.C.	4023	HM218210 HM212011	Serrated	Yes	RH 102190	Outboard	**40231--5T** **With Tone Ring**	Metric 10 Stud (Unimount 10) Studs for Dual Alum Wheels
Alum, 8 Stud, 275MM B.C.	103083	HM218210 HM212011	Serrated Serrated	Yes Yes		Outboard Outboard	**105760**	Metric 8 Stud

Note 1: Part numbers ending in "T" indicate hub equipped with tone ring for ABS.

Note 2: Con Met aluminum hubs are not approved for use in "singled out" applications (the inner dual wheel and tire are not installed), or wide based singles with offsets larger than .56"

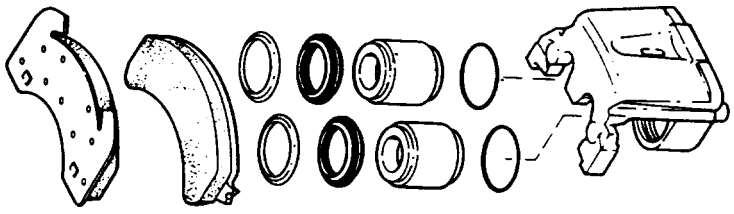
BRAKE ROTORS



		A	B	C	D	E	F	
		Overall		Overall	Pilot	Bolt	Bolt Holes	
Part No.	Weight	Diameter	Thickness	Depth	Diameter	Circle	Number	Size
54102F	36	14.75	1.34	3.81	5.40	6.75	5	.66
54103F	36	14.75	1.34	3.81	5.40	7.25	6	.78
54104F	37	14.75	1.34	3.81	5.40	6.75	6	.66
54106F	35	14.75	1.34	3.81	6.00	7.25	10	.59
54251F	51	15.00	1.43	6.80	7.00	8.75	6	.81
54301F	43	15.39	1.53	3.40	6.00	7.25	10	.59
54351F	49	15.39	1.53	4.75	9.25	11.25	6	.78
D6168	50	15.00	1.43	4.77	9.00	11.25	5	.78
D6176M	39	15.00	1.43	3.21	0.00	7.25	10	.57
D6115A	58	15.00	1.43	5.90	14.0	12.75	5	.76
23-123440-002	44	15.38	1.54	3.40	6.0	7.25	10	.59
23-123458-002	44	15.38	1.54	3.40	6.0	7.25	10	.66
23-123550-004	36	15.00	1.44	3.21	6.0	7.25	10	.59
23-123552-004	36	15.00	1.44	4.44	6.0	7.25	10	.59

APPLICATIONS	
Part No.	**Application**
54102F	GMC/Chevrolet Front Axles
54103F	Ford Front Axles
54104F	GMC/Chevrolet Front Axles
54106F	GMC/Chevrolet Front Axles
54251F	Navistar Front and Rear Axles
54351F	Ford Front Axles - 1983 and Newer
141874	Disc Rotor
D6168	Navistar Rotor
D6115A	IHC 3/4 Mount
D6176M	ABS Magnicoated
23-123550-004	ABS, ITE 3531663C2
23-123552-004	IHC School Bus, ABS, ITE 3531663C2
23-123440-002	GMC
23-123458-002	For ABS Use

BENDIX BRAKE CALIPERS



Calipers are hydraulically activated devices in a disc brake system mounted straddling the brake rotor discs. The caliper contains at least one piston and two brake pads. Hydraulic pressure on the piston(s) forces the pads against the rotor.

NEW BENDIX CALIPERS	
Part No.	**Description**
055250	2.88 Caliper Assembly, Double Piston
055314	2.60 Caliper Assembly, Double Piston
BENDIX CALIPER REPAIR KITS	
Part No.	**Description**
H5635	2.88 Disc Hardware Kit

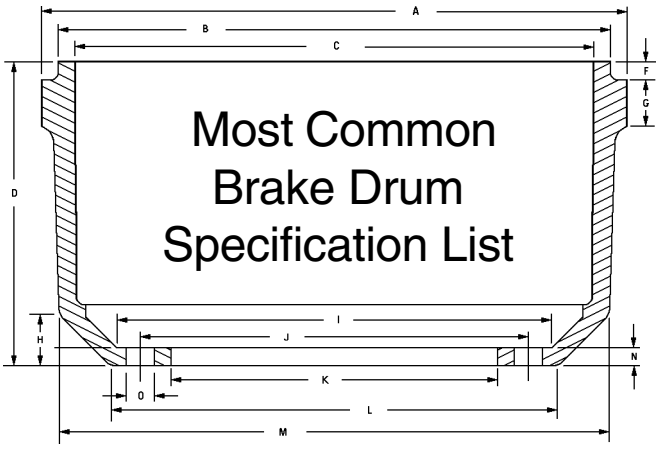
LOADED BENDIX CALIPERS	
Part No.	**Description**
L55250PREM	Prem Loaded Caliper L & R, Double Piston
L55251M	2.5" Reman Caliper, Double Piston
L55251PREM	Reman Day Caliper, Double Piston
L55850PM	Loaded Reman Caliper, Double Piston

REMAN BENDIX CALIPERS	
Part No.	**Description**
R55199	3.38" Reman Caliper, Single Piston
R55200	3.38" Reman Caliper, Single Piston
R55250	Reman Caliper, Double Piston
R55251	Reman Caliper, Double Piston
R55252	Reman Caliper, Double Piston
R55314	Reman Caliper, Double Piston
R55849	Reman Caliper, Double Piston
R55850	Reman Caliper, Double Piston

BRAKE DRUM CROSS REFERENCE

OUR Part No.	Mount I=Inboard O=Outboard	Brake Surface Diameter	Webb	Dayton	Reyco	Gunite	Erie	Durametal	Aweco
67518F	I	16.50	67518	03-122222	52230-10	2353C	2738	16874	97018
62200F	I	16.50	62200	03-012582	52020-01	2705	2760	1629	97060
									16290
68730F	I	16.50	68730	03-122126	52327-10	2546	2740-1	1639	97038
						3018A			
66895B	O	16.50	66895	03-122550	52705-30	2769	2771	16794	97144
						3141		16283	
60876F	O	16.50	60876	03-120877	52877-11	3120		16729	97167
68981B	I	16.50	68981B	03-122683	52120-12	3295	2770	16877	97853
					52889-62				
68765F	I	16.50	68765	03-120586	52327-11	2546C	2740	16877	97853
66893F	O	16.50	66893	03-122607	53026-01	3166	2764	16705	97164
66892F	O	16.50	66892	03-122453	52878-01	3543	2769	16797	97165
62240F	I	16.50	62240	03-120574	52034-01	2730	2750-1	16325	97040
68891F	I	16.50	68891	03-120882	52219-01	3383		16296	97191
								97192	
62997F	I	16.50	62997	03-122009	52890-11	2997	2772	16997	97789
61780F	I	16.50	61780	03-120754	51961-10	2577A	2762	16149	97086
68897F	I	16.50	68897	13-122600	53032-30	2542	2765	97097	
68942F	I	16.50	68942	03-122455	52647-11	3136	2773	16139	97056
						2938			
63617F	I	12.25	63617	03-122963	52743-11	3174	2752	12617	91147
63647F			63647						
68760F	I	16.50	68760	03-122603	52910-01	2672			
66884F	O	16.50	66884B	13-12307	52033-01				
			69996B						
68903F	I	16.50	68903	03-012480	51380-01	1930	2750-1	16408	97053
68946F	I	16.50	68946	03-122284					
64417F	I	15.00	64417	03-122045		3045			
68012F	I	16.50	68012	13-122027	52875-01	3012A		16402	97669
64413F	I	15.00	64413	03-122120	52903-01	3243		14243	94059
68927F	I	16.50	68927	03-120376	51971-01	3168		16421	97138
62199F	I	16.50	62199	03-012737	51811-01	2197		97099	
						2512			
62117F	I	16.50	62117	13-122266		3289		16289	97117
68940F	I	16.50	68940	03-122454	52210-10	2939		1672	97054
64419F	I	15.00	64419	03-122078		3094		14094	96458
66864F	O	16.50	66864F		3600A				
66864B	O	16.5	66864B		3600A				
61577F	O	15X7	61577F						
61855F	O	18X7	61855F						
64115B	O	14.5X10	64115B		52336-908	3219			
65162B	O	16.5X6	65162B						
65710B	O	16.5X5	65710B			3710			
66843B	O	16.5X7	66843B						

WEBB BRAKE DRUM TYPES



A. Overall Diameter of Drum
B. Dust Shield Recess Diameter, if Applicable
C. Brake Face Diameter
D. Overall Dept
E. Brake Surface Flat
F. Depth of Dust Shield Recess
G. Squeeler Band Thickness
H. Distance from Outside of Backface to Start of Taper
I. Inside Finished Diameter
J. Bolt Circle Diameter
K. Pilot Diameter
L. Outside Finished Diameter
M. Diameter at Taper
N. Backplate Thickness
O. Bolt Holes: Number and Size

PLATINUM SERIES BRAKE DRUMS

The Webb Platinum Brand

Webb Platinum means high performance to customers. Webb Platinum products are lightweight or specialty products with differentiated designs offering customers the highest performance advantages. Customers looking to gain a competitive edge from their wheel equipment will find Webb Platinum delivers the goods

WEBB PLATINUM BRAKE DRUMS

60528B
60864B
60893B

BRAKE TURBINE SYSTEM BRAKE DRUMS

The Webb BTS Brand

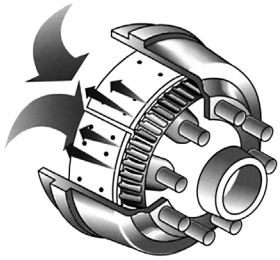
Brakes should stop your trucks on the road – not in the service bay. That's the idea behind the new Webb BrakeTurbine System BTS Brake Drums.

The Maintenance Council's Tomorrow's Truck Program taskforce recommended the creation of self-cleaning brake drums and brake linings. Webb Wheel Products, Inc., and Lynnfin Truck Technologies, Inc., answered with the industry's first self-cleaning brake system. The new Webb BTS Brake Drums optimize the performance of Lynnfin BrakeTurbines for a cleaner system to improve brake life and performance.

Heat and debris ruin brakes. BrakeTurbines remove both from brakes by forcing air between the drum and friction material. But it wasn't until now that a brake drum was designed to optimize the performance of BrakeTurbines. And by effectively reducing heat and debris, the Webb BTS Brake Drum may help reduce the amount of noise coming from your brakes

WEBB BTS BRAKE DRUMS

66807B (=66864F)
66808B (=66800F)
66809B (=66854F)



STOCKED HAYES LEMMERZ BRAKE DRUMS (LISTED BY BRAKE DIAMETER)

Drum Part No.	Weight	Mount (B)	Brake Size	Over All Depth	Brake Surface Flat	Pilot Diameter	Bolt Circle Diameter	Bolt Holes No.	Bolt Holes Size	Drum Back No.	Drum Band No.
87945BK	64	O	15x4	8.83	4.40	8.53	11.25	10	1.25	87946	87949
88870BK	66	O	15x4	8.83	4.40	9.00	275mm	8	.92	88869	87949
89870BK	66	O	15x4	8.83	4.37	8.78	285.75mm	10	1.25	89869	87949
87101B	90	O	16.50x7	10.41	7.64	8.53	11.25	10	.81	87102	87105
87156B	90	O	16.50x7	10.41	7.64	9.00	11.25	10	.81	87157	87105
87295B	89	O	16.50x7	10.04	7.27	8.53	11.25	10	.81	87102	87298
88797B	90	O	16.50x7	10.41	7.64	9.00	275mm	8	.92	88798	87105
89996B	90	O	16.50x7	10.41	7.62	8.78	285.75mm	10	.96	89876	87105
87615B	103	O	16.50x8.625	12.15	9.38	8.53	11.25	10	.81	87102	87618
89467B	104	O	16.50x8.625	11.87	9.08	8.53	11.25	10	.81	87102	87618
89571B	106	O	16.50x8.625	12.15	9.36	9.00	275mm	8	.92	88798	87618
89877B	91	O	16.50x7	10.04	7.27	8.78	285.75mm	10	.96	91538	87298
90660BK	67	O	15x4	8.84	4.52	8.78	285.75mm	10	.96	91029	91028
91265B	88	O	16.5X6	9.62	6.68	8.78	285.75mm	10	1.25	91264	82798

I = Inboard Mounted Drums
O = Outboard Mounted Drums

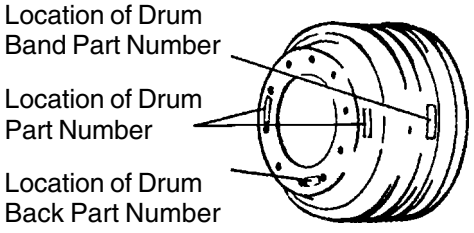
DRUM BACK/BAND NUMBER CROSS REFERENCE

In the process of manufacture, Centrifuse brake drums are assigned three different part numbers - for the drum band, drum back and the drum itself (see illustration).

To avoid confusion and possible misapplication when ordering replacement drums, refer to the CENTRIFUSE DRUM part number.

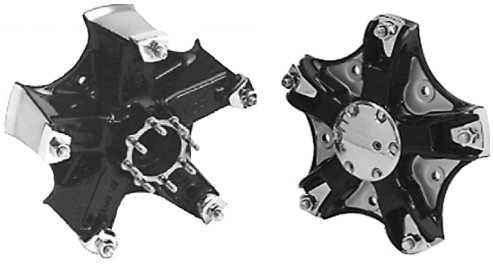
This is for your convenience in matching drum back numbers to CENTRIFUSE DRUM part numbers.

HAYES LEMMERZ™ INTERNATIONAL, INC.



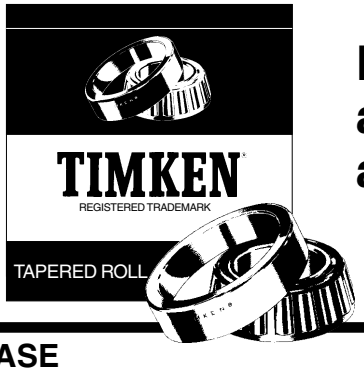
GUNITE SPOKE WHEELS

GUNITE Corporation



Part No.	Wt.	Capacity	No. Spokes	Spoke Wheel Size	Rim Size	Axle Group 1	Outer Cup/Cone	Inner Cup/Cone
RX226K	100 lbs.	11,500 lbs.	6	20	8.0 max	R21	572/580	592A/594A
RX232K	98 lbs.	11,500 lbs.	6	20	8.0 max	R20	572/580	592A/594A
RX780K	97 lbs.	11,500 lbs.	5	20	8.0 max	R24	572/580	592A/598A
TX239K	98 lbs.	15,000 lbs.	6	20	8.0 max	T7	742/740	752/759

WHEEL BEARINGS



Recommendations for lubrication and adjustment for buses, trucks and highway trailers.

LUBRICATION

GREASE

Shading indicates the recommendation for the correct amount of grease in wheel hub.
(Fill hub with grease to inside diameter of outer races and also fill hub grease cap.)

SUGGESTED GREASE PROPERTIES

Soap Type - Lithium Complex or Equivalent
Dropping Point - 446° F (230° C) Minimum
Consistency - NLGI No. 2 or No. 1
Additives - Corrosion & Oxidation Inhibitors, EP Optional
Base Oil - Solvent refined Petroleum Oil

	TRUCKS & BUSES
Base Oil Viscosity at 104° F (40° C)	150cST Minimum
Viscosity Index	80 Minimum
Pour Point	+14°F (-10°C) Maximum

WARNING
Failure to correctly lubricate bearing - and maintain proper lubrication - may result in bearing damage, which could cause wheel to lock or come off during operation.

Note: The above grease properties are suggested for all wheel bearing applications including disc brake equipped vehicles where high temperatures might be experienced. Similar greases with lower maximum temperature capabilities, like lithium 12-hydroxy stearate, are suitable for non-disc brake equipped vehicles or where occasional temperature peaks do not exceed 320° F (160° C) and where frequent temperature peaks do not exceed 248F°(130 C).

OIL

Oils generally recommended are:

A. Gear Oil API GL-5 Performance Level

SAE 90	Normally Preferred
SAE 75W, SAE 80W	Extreme Cold Environment
SAE 140	Extreme Warm Environment

B. Engine Oil

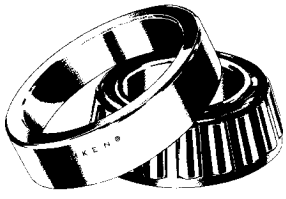
SAE 50	Normally Preferred
SAE 30, SAE 40	Extreme Cold Environment

Note: *Do not mix motor oil with EP gear oil, due to possible problems of incompatibility.*

Grease bearing cone by machine or by hand method.
Force grease between rollers, cone and cage.

TIMKEN BEARING SETS

Part No.	Description
SET401T	Bearing Set Matched Wheel 580/572
SET402T	Boxed Set Cup/Cone 582/572
SET403T	Bearing Set Matched Wheel 594A/592A
SET405T	Bearing Set Matched Wheel 663/653
SET406T	Bearing Set Matched Wheel 3782/3720
SET407T	Milemate Bearing Set 28682/28622
SET408T	Milemate Bearing Set 39590/39520
SET409T	Boxed Set Cup/Cone 45280/45220
SET411T	Boxed Set Cup/Cone 47686/47620
SET412T	Milemate Bearing Set HM212047/HM212011
SET413T	Bearing Set HM212049/HM212011
SET414T	Bearing Set HM218248/HM218210
SET415T	Bearing Set HM518445/HM518410
SET419T	Milemate Set H715343/H715311
SET420T	Milemate Set H715345/H715311
SET423T	Milemate Set 6461A/6420
SET424T	Milemate Set 555S/552A
SET426T	Boxed Set Cone/Cup 47679/47620



TIMKEN

WHEEL BEARINGS

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

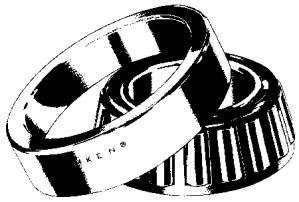
BEARINGS

Part No.	Description
572	Bearing Cup
580	Bearing Cone
592A	Bearing Cup
594A	Bearing Cone
653	Bearing Cup
663	Bearing Cone
HM212011	Bearing Cup
HM212049	Bearing Cone
HM218210	Bearing Cup
HM218248	Bearing Cone
HM518410	Bearing Cup
HM518445	Bearing Cone

National®

PILOT BEARINGS

Part No.	Description
205-FF	Pilot Bearing
206-FF	Pilot Bearing
306-FF	Pilot Bearing
306-SS	Pilot Bearing



TIMKEN®

BEARINGS

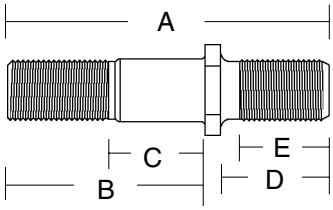
Part No.	Description
39520T	Bearing Cup
39590T	Bearing Cone
47620T	Bearing Cup
572T	Bearing Cup
580T	Bearing Cone
582T	Bearing Cone
592AT	Bearing Cup
594AT	Bearing Cone
598AT	Bearing Cone
653T	Bearing Cup
663T	Bearing Cone
HM212011T	Bearing Cup
HM212047T	Bearing Cone
HM212049T	Bearing Cone
HM218210T	Bearing Cup
HM218248T	Bearing Cone
HM518410T	Bearing Cup
HM518445T	Bearing Cone
HH506348T	Bearing Cone
HM516449CT	Bearing Cone
T127T	Bearing

Part No.	Description
15123T	Bearing Cup
25520T	Bearing Cup
25580T	Bearing Cup
47678T	Bearing Cone
552AT	Bearing Cup
555ST	Bearing Cone
560T	Bearing Cone
575T	Bearing Cone
592T	Bearing Cup
593T	Bearing Cone
594T	Bearing Cone
598T	Bearing Cone
6420T	Bearing Cup
6461AT	Bearing Cone
665AT	Bearing Cone
H715311T	Bearing Cup
H715345T	Bearing Cone
HH506310T	Bearing Cup
HM516410T	Bearing Cup
L44649T	Bearing Cone

WHEEL ATTACHING PARTS - STUDS

CLIPPED COLLAR SHOULDER STUDS .783 - .786 Body Diameter

3/4"-16 Threads Both Ends

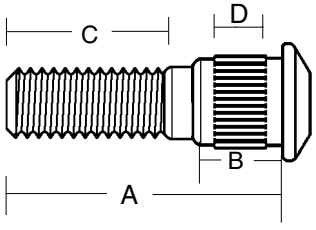


EUCLID

Fleetcraft No.		REPLACES						
RH	LH	RH	LH	A	B	C	D	E
NL5200	NL5201	Budd 12247	Budd 12248	$3\frac{1}{8}$	$1\frac{19}{32}$	$\frac{5}{8}$	$1\frac{11}{32}$	$1\frac{5}{32}$
E-5558R	E-5558L	Budd 13096	Budd 13097	$3\frac{19}{32}$	$2\frac{1}{16}$	$\frac{7}{8}$	$1\frac{11}{32}$	$1\frac{5}{32}$
E-5559R	E-5559L	Budd 13988 Rkwl 20X38	Budd 13989 Rkwl 20X37	$3\frac{23}{32}$	$2\frac{3}{16}$	$1\frac{1}{16}$	$1\frac{11}{32}$	$1\frac{5}{32}$
E-5561R	E-5561L	Budd 13990 Rkwl 20X52 Webb 139902	Budd 13991 Rkwl 20X53 Webb 139913	$3\frac{31}{32}$	$2\frac{7}{16}$	$1\frac{5}{32}$	$1\frac{11}{32}$	$1\frac{5}{32}$
E-5560R	E-5560L	Budd 19004	Budd 19005	$4\frac{1}{32}$	$2\frac{1}{2}$	$1\frac{9}{32}$	$1\frac{11}{32}$	$1\frac{5}{32}$
E-5551R	E-5551L	Budd 17123	Budd 17124	$4\frac{7}{32}$	$2\frac{11}{16}$	$1\frac{7}{16}$	$1\frac{11}{32}$	$1\frac{5}{32}$

SERRATED STUDS .972 - .976 Body Diameter

3/4"-16 Threads

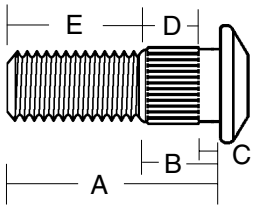


EUCLID

Fleetcraft No.		REPLACES					
RH	LH	RH	LH	A	B	C	D
E-5896R	E-5896L	Kenworth K233-287R Peterbilt 03-02207	Kenworth K233-287L Peterbilt 03-02208	$3\frac{3}{8}$	$1\frac{3}{8}$	$1\frac{1}{4}$	1

SERRATED WHEEL STUDS .783 - .786 Body Diameter

3/4"-16 Threads Both Ends

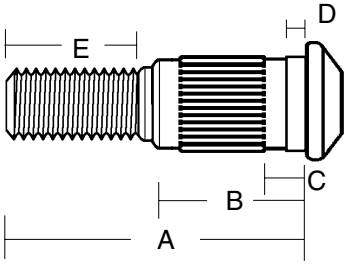


EUCLID

Fleetcraft No.		REPLACES						
RH	LH	RH	LH	A	B	C	D	E
E-4965R	E-4965L	Budd 59191	Budd 59192	$2\frac{3}{8}$	1	$\frac{1}{4}$	$\frac{1}{2}$	$1\frac{1}{16}$
E-4966R	E-4966L	Budd 59363	Budd 59264	$2\frac{5}{8}$	$1\frac{1}{4}$	$\frac{5}{16}$	$\frac{1}{2}$	$1\frac{1}{16}$
E-4967R	E-4967L	Budd 61968 Rkwl 20X1576	Budd 61969 Rkwl 20X1575	$2\frac{7}{8}$	$1\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{2}$	$1\frac{1}{16}$
E-4968R	E-4968L	Budd 49851 Rkwl 20X996 Webb 198510	Budd 49852 Rkwl 20X997 Webb 198521	$2\frac{7}{8}$	$1\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$1\frac{1}{16}$
E-4969R	E-4969L	Budd 59183	Budd 59184	$3\frac{1}{8}$	$1\frac{3}{4}$	$\frac{9}{16}$	$\frac{1}{2}$	$1\frac{1}{16}$

SERRATED STUDS .783 - .786 Body Diameter

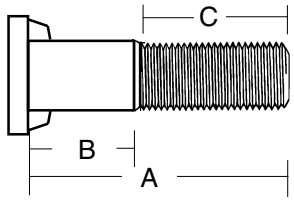
3/4"-16 Threads



Fleetcraft No.		REPLACES						
RH	LH	RH	LH	A	B	C	D	E
E-5765R	E-5765L	Budd 84097	Budd 84098	$3\frac{3}{8}$	2	$\frac{3}{8}$	$\frac{3}{16}$	$1\frac{1}{16}$
E-5766R	E-5766L	Budd 59373	Budd 59374	$3\frac{7}{8}$	$2\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{16}$	$1\frac{1}{16}$

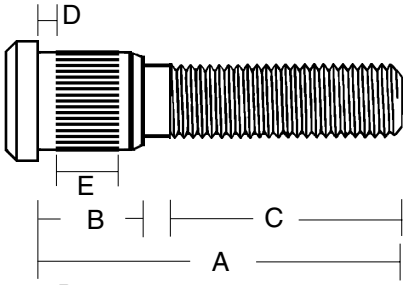
WEDGE HEAD TYPE STUDS .786 - .790 Body Diameter

3/4"-16 Threads - For Aluminum Disc Wheels



Fleetcraft No.		REPLACES				
RH	LH	RH	LH	A	B	C
E-5924R	E-5924L	Rockwell 20X1334	Rockwell 20X1335	$3\frac{13}{32}$	$1\frac{7}{16}$	$1\frac{25}{32}$

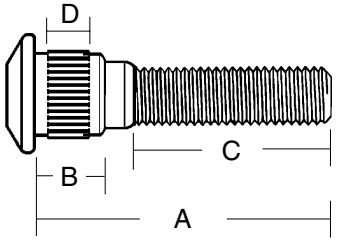
WHEEL ATTACHING PARTS - METRIC STUDS



SERRATED STUDS - DRIVE AXLE .973 - .977 Body Diameter

3/4"-16 Threads - For Aluminum Disc Wheels

Fleetcraft No.		REPLACES						
RH	LH	RH	LH	A	B	C	D	E
E-5983R	E-5983L	Peterbilt 03-02852	Peterbilt 03-02853	3 3/4	1 3/8	2 1/4	1/4	1

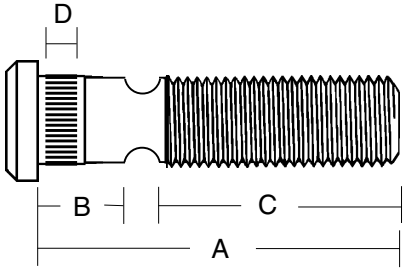


METRIC SERRATED STUDS .973 - .977 Body Diameter

M22 X 1.5 Threads

Fleetcraft No.	REPLACES	A	B	C	D
NL5106	Webb 101162	3 15/16	23/32	2 11/16	3/8
NL5107	Webb 101160	4 25/32	23/32	3 17/32	3/8

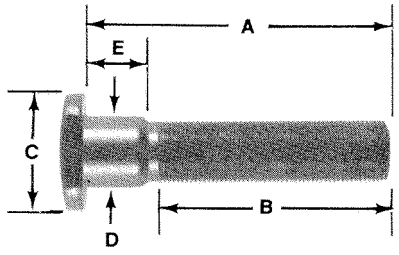
EUCLID



METRIC SERRATED STUDS .973 - .977 Body Diameter

M22 X 1.5 Threads

Fleetcraft No.	REPLACES	A	B	C	D
E-5997	Budd 106216	3 21/32	1 7/32	2 7/64	13/32
E-5999	Budd 106397	4 29/64	1 7/32	2 29/32	13/32

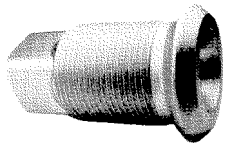


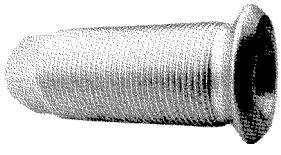
CLIPPED HEAD METRIC WHEEL STUDS NON-SERRATED, M22X1.5 THREAD, Grade 8 For Hub-Piloted Motor Wheel WHD-8 System

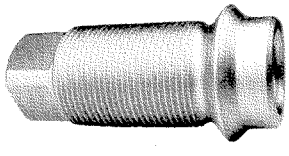
M22 X 1.5 Threads

Fleetcraft No.	REPLACES	A	B	C	D	E	Application
88836	MW 88836	3.58	2.51	1.62	.98	.85	Dual Steel Wheels
88799	MW88879	4.22	3.06	1.62	.98	.85	Dual Alum

FLANGED CAP NUTS







DUAL STEEL WHEELS

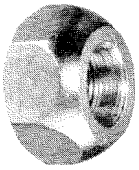
Fleetcraft No.		REPLACES		Outer	Inner	OA	
RH	LH	RH	LH	Thread	Thread	Length	Application
NL5500	NL5501	Budd 10708 Motor Wheel 84525 Webb 107080	Budd 10709 Motor Wheel 84526 Webb 107080	1 1/8-16	3/4-16	2 7/32	Dual steel wheels
Grade 8 Zinc Yellow Dichromate							
NL5502 Grade 8	NL5503	Budd 35336	Budd 35337	1 1/8-16	3/4-16	2 9/16	Steel inner alum outer wheels
E-7897R Grade 8	E-7897L	Budd 22621	Budd 22622	1 1/8-16	3/4-16	3 1/16	Steel inner alum outer wheels

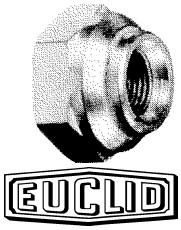
DUAL ALUMINUM WHEELS

Fleetcraft No.		REPLACES		Outer	Inner	OA	
RH	LH	RH	LH	Thread	Thread	Length	Application
NL5532 Grade 8	NL5533	Alcoa 5988R	Alcoa 5988L	1-1/8-16	3/4-16	3-1/16	Dual Alum Wheels

WHEEL ATTACHING PARTS

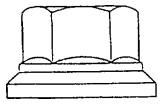
CAP NUTS FOR SINGLE AND DUAL DISC WHEELS

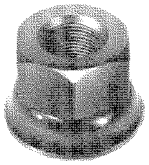




Fleetcraft No. RH	Fleetcraft No. LH	REPLACES RH	REPLACES LH	Thread	Hex	Height	Application
NL5512	**NL5513**	Budd 37891 Webb 178910	Budd 37892 Webb 178921	$1^{1}/_{8}$-16	$1^{1}/_{2}$	$^{7}/_{8}$	Standard Outer Dual
NL5510	**NL5511**	Budd 37888	Budd 37889	$^{3}/_{4}$-16	$1^{1}/_{2}$	$^{7}/_{8}$	Standard
E-5554R	**E-5554L**	Motor Wheel 84523 Webb 178736 Budd 70613	Motor Wheel 84524 Webb 178737 Budd 70614	$^{3}/_{4}$-16	$1^{1}/_{2}$	1	Single Wheel Single Alum Wheel

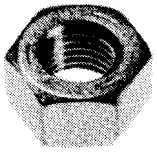
FLANGED NUTS FOR HUB PILOTED WHEELS





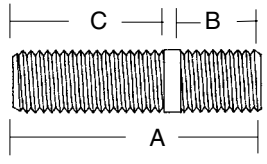
Part No.	REPLACES	Thread	Hex	High	Application
106333	Budd 106333 Budd 3208401 E-6000A	M22X1.5	33mm	31mm	For Budd Uni-Mount 10 Hub-Piloted Wheels
88881	Motor Wheel 88881 Webb 179955	M22X1.5	1.50"	1.33"	For Motor Wheel WHD-8 Hub-Piloted Wheels

RIM NUTS FOR SPOKE WHEELS



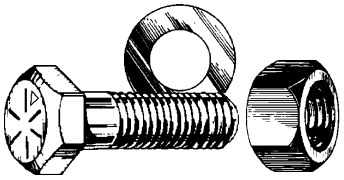
Fleetcraft No.	REPLACES Dayton	Erie	Gunite	Webb	Thread	Hex
NL5400	08-005149	5270	WP-2	74611	$^{5}/_{8}$-11	1-$^{1}/_{16}$
NL5401	08-005716	5260	WP-148	74710	$^{3}/_{4}$-10	1-$^{1}/_{4}$

SPOKE WHEEL STUDS



Fleetcraft No.	REPLACES	Thread	A	B	C
E-4958	Dayton 08-006654 Webb 161127	5/8-11	$2^{3}/_{4}$	$^{7}/_{8}$	$1^{11}/_{16}$
NL5102	Dayton 08-005715 Webb 171027	3/4-10	3	$1^{1}/_{16}$	$1^{3}/_{4}$

DRUM BOLT KITS

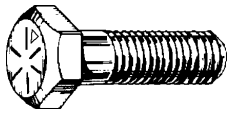


Drum bolt kits contain five grade 8 bolts, nuts and washers.

Kit Part No. / Fleetcraft No.	Thread	Bolt Length Under Head
NL5491	3/4-16 UNF	2"
NL5492	3/4-10 UNC	2"

WHEEL ATTACHING PARTS

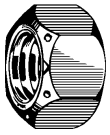
BRAKE DRUM BOLTS



Grade 8

Fleetcraft No.	REPLACES	Thread	Length Under Head
NL5441	Dayton 08-201140	5/8-18	2
NL5442	Dayton 08-201500	3/4-16	2

LOCK NUTS FOR BRAKE DRUMS



Plated, Grade 8

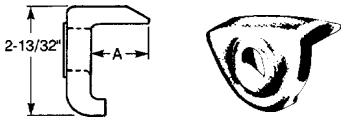
Fleetcraft No.	REPLACES	Thread	Height
NL5412	Dayton 08-201931	5/8-18	9/16
NL5413	Dayton 08-201932	3/4-16	5/8

USS FLAT WASHERS - GRADE 8

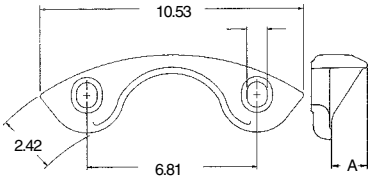
SAE Standard Grade 8, Plated

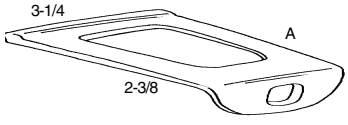
Fleetcraft No.	REPLACES	Size Diameter	O.D.
NL5480	Dayton 08-201941	5/8	1 5/16
NL5481	Dayton 08-201943	3/4	1 1/2

RIM CLAMPS



Fleetcraft Part No.	Manufacturer	"A"	Stud Size	Spacer Width
NL5006	Dayton 09-612317 Webb 16123	1 1/8	3/4	4
NL5008	Dayton 09-870817 Erie E-22	1 1/4	3/4	4
NL5011	Dayton 09-699317 Erie E-21	1 1/2	3/4	3 5/8
NL5015	Dayton 09-623517 Erie E-20	1 3/4	3/4	3 3/8





Fleetcraft Part No.	Manufacturer	"A"	Stud Size	Spacer Width	
NL5045	Webb 3320	1.06	3/4	4"	For 20" 3 Spoke Wheel
E-5976	Dayton 09-007564	5 3/4	3/4		Used to install single demountable rim on dual cast wheel.

WHEEL CLAMP CROSS REFERENCE

Dayton	Fleetcraft	Erie	Fleetcraft	Euclid	Fleetcraft	Euclid	Fleetcraft	Webb	Fleetcraft	Mack	Fleetcraft
09-007564	-	E1	**NL5006**	E5040A	**NL5011**	E5824	**NL5045**	3314	**NL5055**	-	-
09-612317	**NL5006**	E12	**NL5008**	E5571A	**NL5006**	-	-	3320	**NL5045**	-	-
09-623517	**NL5015**	E2	**NL5015**	E5572A	**NL5015**	-	-	3350	**NL5039**	-	-
09-689317	**NL5011**	E3	**NL5011**	-	-	-	-	16123	**NL5006**	-	-
09-870817	**NL5008**	-	-	E5784A	**NL5008**	-	-	-	-	-	-

ALUMINUM WHEELS

ACCURIDE 15° Tubless Aluminum Wheels

Stud-Piloted Dual Mounting
Double Cap Nut
10-Hole, 11-1/4" Bolt Circle, 8.72" Bore

Wheel Size	Part No.	Polish Option (Typical Application)	Wheel Offset	Disc	Installed Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs.) - (psi)
24.5 x 8.25	**27599ANP** **27599AIP** **27599AOP**	Machined Inside (Outer Dual) Outside (Front)	6.59"	.910"	TR545D	62	7200 - 120
22.5 x 8.25	**28615ANP** **28615AIP** **28615AOP**	Machined Inside (Outer Dual) Outside (Front)	6.59"	.935"	TR545D	54	7250 - 120

ACCURIDE 15° Tubless Aluminum Wheels

Hub-Piloted Dual-Mounting
Two Piece Flange Nut
10-Hole, 285.75mm Bolt Circle, 220mm Bore

Wheel Size	Part No.	Polish Option (Typical Application)	Wheel Offset	Disc	Installed Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs.) - (psi)
22.5 x 8.25 2.5" Hand Hole	**29644ANP** **29644AIP** **29644AOP**	Machined Inside (Outer Dual) Outside (Front)	6.59"	.935"	TR545D	47	7250 - 120
24.5 x 8.25	**29362ANP** **29362AIP** **29362AOP**	Machined Inside (Outer Dual) Outside (Front)	6.59"	.935"	TR545D	55	7300 - 120

Duplex® Disc Wheels

Aluminum Hub-Piloted Mounting(1)
Two Piece Flange Nut
10-Hole, 285.75mm Bolt Circle, 220mm Bore

Wheel Size	Part No.	Polish Option (Typical Application)	Wheel Offset	Disc	Installed Valve	Approx. Wt. (lbs)	Maximum Load & Infl. (lbs.) - (psi)
22.5 x 13.00	**29380ANP** **29380AOP**	Machined Outside (Rear)	.56"	1.120"	TR543E	68	12300 - 120

STEEL WHEELS

10 HOLE TUBELESS DISC WHEELS FOR DCN (DOUBLE CAP NUT) STUD PILOTED MOUNTING

11.25 inch diameter bolt circle, 8.25 inch center hole.

Size Dia.(In)	Width (In)	Disc Thick-ness (In)	Offset	Part No.	Color	Hand Holes	Weight (lbs.)	Max Load (lbs.)	Max Inflation (PSI)
17.5	6.75	.420	6.19	**28112PG**	Gray	2	58	5070	125
				28112PW	White				
22.5	8.25	.472	6.62	**28549PG**	Gray	2	86	8000	120
				28549PW	White				
22.5	7.50	.375	6.44	**27403PG**	Gray	2	76	6610	120
				27403PW	White				
22.5	8.25	.437	6.62	**27404PG**	Gray	2	81	7300	120
				27404PW	White				
24.5	8.25	.472	6.62	**28410PG**	Gray	2	91	7700	120
				28410PW	White				
24.5	8.25	.437	6.62	**27406PG**	Gray	2	90	7300	120
				27406PW	White				

ACCURIDE CORPORATION

10 HOLE TUBELESS DISC WHEELS FOR CLN (CONE LOCK NUT) HUB PILOTED MOUNTING

285.75MM diameter bolt circle, 220MM (8.661 inch) center hole

Size Dia.(In)	Width (In)	Disc Thick-ness (In)	Offset	Part No.	Color	Hand Holes	Weight (lbs.)	Max Load (lbs.)	Max Inflation (PSI)
22.5	7.50	.375"	6.44	**29001PG**	Gray	5	75	6200	120
22.5	8.25	.437"	6.62	**28408PG**	Gray	2	82	7300	120
				28408PW	White				
22.5	8.25	.437"	6.62	**28487PW**	White	5	80	7300	120
24.5	8.25	.437"	6.62	**28409PG**	Gray	2	91	7300	120
				28409PW	White				
			HEAVY LOAD APPLICATIONS						
22.5	8.25	.472"	6.62	**28828PG**	Gray	2	86	7500	120
				28828PW	White				
22.5	9.00	.500"	5.25	**29039PG**	Gray	5	103	10000	130
				29039PW	White				
22.5	9.00	.625"	7.00	**29300PG**	Gray	5	111	9000	130
				29300PW	White				

STEEL WHEELS / RIMS

ACCURIDE CORPORATION

8 HOLE TUBELESS STEEL WHEELS FOR TWO PIECE FLANGE NUT HUB-PILOTED DUAL-MOUNTING

285.75MM diameter bolt circle, 220MM (8.661 inch) center hole

Size Dia.(In)	Width (In)	Disc Thick-ness (In)	Offset	Part No.	Color	Hand Holes	Weight (lbs.)	Max Load (lbs.)	Max Inflation (PSI)
17.5	6.75	.437"	5.60"	**28656PW**	White	4	54	5355	125
19.5	6.75	.437"	5.60"	**28680PG**	Gray	4	61	5000	120
				28680PW	White				
22.5	8.25	.472"	6.62"	**28484PW**	White	4	84	7300	120

ACCURIDE CORPORATION

Duplex® Demountable RIms For Installation on Cast Spoke Wheels Designed for 20 x 8.0 or Narrower Tube-Type or 22.5" Diameter Tubless Demountable Rims

Duplex® Demountable Rims For Front Applications

Rim Size	Part No.	Rim Offset	Color	Approx. Weight	Maximum Load & Infl. (lbs.) - (psi)	Valve Hole Location
22.5 x 13.00	**13228PG**	3.94"	Gray	100 lbs.	10000 - 105	LS
22.5 x 12.25	**31679PG**	4.75"	Gray	100 lbs.	9270 - 115	LS

10 HOLE DUPLEX DISC WHEELS
STEEL STUD-PILOTED MOUNTING OUTER CAP NUT

11.25" diameter bolt circle, 8.72" center hole

Size Dia.(In)	Width (In)	Inset	Outset	Part No.	Color	Hand Holes	Weight (lbs.)	Max Load (lbs.)	Max Inflation (PSI)
22.5	12.25	4.75"	5.38"	**29218PG**	Gray	2	129	10000	105

STEEL WHEELS / RIMS

8 HOLE TUBELESS DISC WHEELS FOR CLN (CONE LOCK NUT) HUB PILOTED MOUNTING

275MM diameter bolt circle, 221.1MM (8.701 inch) center hole

Size Dia.(In)	Width (In)	Disc Thick-ness (In)	Offset	Part No.	Color	Hand Holes	Weight (lbs.)	Max Load (lbs.)	Max Inflation (PSI)
22.5	8.25	.437	6.62	**88884G**	Gray	4	84	7300	120
22.5	8.25	.437	6.62	**88884WH**	White	4	84	7300	120
24.5	8.25	.437	6.62	**88790E**	White	4	87	7300	120
17.5	6.75	.387	5.60	**10013TW**	White	4	60	5360	125

10 HOLE TUBE-TYPE DISC WHEELS FOR DCN (DOUBLE CAP NUT) STUD PILOTED MOUNTING

11.25 inch diameter bolt circle, 8.25 inch center hole.

Size Dia.(In)	Width (In)	Disc Thick-ness (In)	Offset	Part No.	Color	Hand Holes	Weight (lbs.)	Max Load (lbs.)	Max Inflation (PSI)
20	7.5	.50	6.62	**1010410WH** **1010410**	White Gray	5	110.8	7000	105
22.5	8.25	.437	6.62	**87905E**	White	2	82	7400	120

10 HOLE TUBE-TYPE DISC WHEELS FOR CLN (CONE LOCK NUT) HUB PILOTED MOUNTING

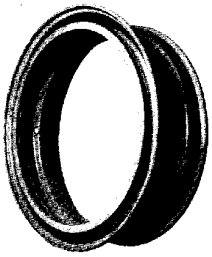
11.25 inch diameter bolt circle, 8.661 inch center hole.

Size Dia.(In)	Width (In)	Disc Thick-ness (In)	Offset	Part No.	Color	Hand Holes	Weight (lbs.)	Max Load (lbs.)	Max Inflation (PSI)
22.5	8.25	.437	6.62	**90541E**	White	2	82	7400	120
24.5	8.25	.437	6.62	**90542E**	White	2	90	7300	120

LIGHT DUTY WHEELS

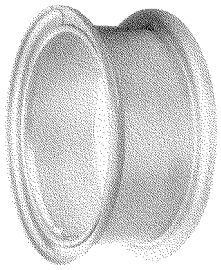
	Description	Accuride No.
X45452	16 x 6, 8 Hole, Single Ford	**29575PG**
X45453	16 x 7, Single Ford	**29576PG**
X45454	16 x 6, 8 Hole, Single Ford	**29582PG**
X45458	16 x 6, 8 Hole, Dual Ford E & F	**29577PG**
X45459	16 x 6, 8 Hole, Dual Ford F350 4W	**29578PG**
X45463	16 x 6, 8 Hole, Dual Ford F2/350	**29583PG**
X45464	19.5 x 6, 8 Hole, Dual Ford F450	**29584PG**
X45467	16 X 6, 8 Hole, Dual Chevy/GMC	**29587PG**
X45282	16 X 6, 8 Hole Dual	
X45307	16 X 6.5, 8 Hole, GM	

STEEL RIMS



TUBELESS DEMOUNTABLE RIMS FOR CAST SPOKE WHEELS

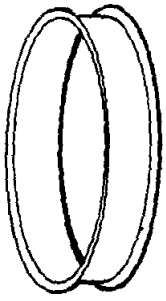
Rim Size Dia.(In)	Width (In)	Offset	Part No.	Color	Max Weight (lbs.)	Max Load (lbs.)	Inflation (PSI)
17.5	6.75	3.90	**31868175PG** **31868175PW**	Gray White	46	4805	120
22.5	7.50	4.26	**30371225PG**	Gray	64	6610	120
22.5	8.25	4.75	**30391225PG** **30391225PW**	Gray	69	7300	120
24.5	8.25	4.75	**30391245PG** **30391245PW**	Gray	75	7300	120



TUBE-TYPE DEMOUNTABLE RIMS FOR CAST SPOKE WHEELS

Rim Size Dia.(In)	Width (In)	Offset	Part No.	Color	Max Weight (lbs.)	Max Cold Load (lbs.)	Inflation (PSI)
15	7.5	4.75	**1010069**	Gray	47.5	5050	105

CHANNEL SPACERS



CHANNEL TYPE, Steel, Gray					
Size (In)	**Part No.**	**Size (In)**	**Part No.**	**Size (In)**	**Part No.**
15X4	**1013329**	20X4 1/4	**1013335**	22X4 1/2	**1013338**
20X3 3/8	**1013331**	20X4 1/2	**1013340**	22X3 5/8	**1013339**
20X3 5/8	**1013333**	22X4	**1013336**	24X4 1/4	**1013342**
20X4	**1013334**	22X4 1/4	**1013337**	24X4 1/2	**1013341**

Crossfire Tire Pressure Equalization

Crossfire is a pressure equalizing and monitoring valve that is mounted between dual tires. Properly mounted, air freely flows from one tire to the other, maintaining equal tire pressure.

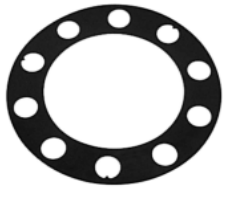
Part No. DG-6G
6 hole grease

Part No. CF-100-ST-H
100 PSI, Uni-mount, Hub Pilot

Part No. DG-PG
threaded grease

WHEEL GUARDS

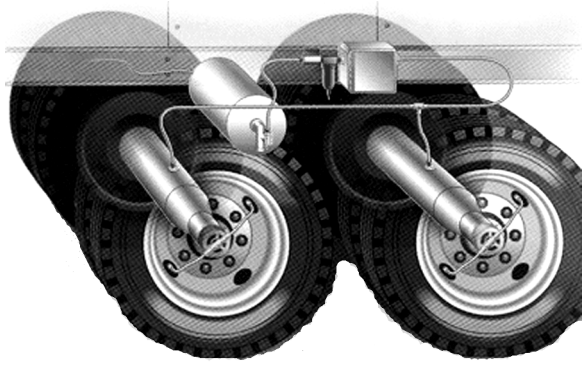
WHEEL GUARDS - BLACK PLASTIC



Part Number	Description
590-1	10 hole, 11.25" bolt circle, stud pilot, 7/8" & 11/8" diameter studs
590-2	11.25" bolt circle, 3/4" diameter studs.
590-3	10 hole, 285.75mm bolt circle, hub pilot, 22mm diameter studs

ACCURIDE CORPORATION

MERITOR TIRE INFLATION SYSTEM BY PSI



ArvinMeritor™

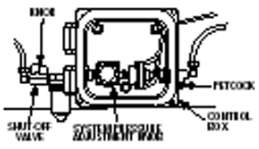
The Meritor Tire Inflation System by PSI keeps tires properly inflated, delivering increased profitability year after year. Unlike equalization systems that merely distribute air from one tire to another, the PSI uses compressed air from the trailer air system to inflate any tire that is below a pre-set pressure when the trailer is moving. This system is an automatic tire inflation system for trailers designed to increase tire life, fuel efficiency, and safety. This innovative system connects all tires on the trailer to a controlled air supply. The Meritor inflation system is self-contained on the trailer so that it can adapt to any tractor. Call us to spec out a kit that is just right for your needs!

Part Number: 31363-00
Short Flex Hose Assembly

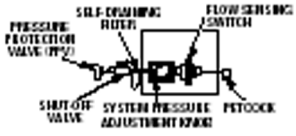
Part Number: 3131603
Brass through Tee Assembly 4.25

Part Number: 31373-00
Long Flex Hose Assembly

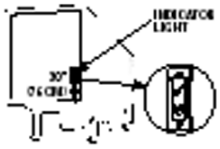
Adjust the MTIS Tire Pressure Setting



Controls

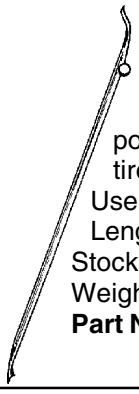


Indicator Light

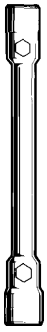


Wheel-End Assembly

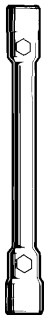
TRUCK TIRE TOOLS



TRUCK TUBELESS TIRE IRON
Our most popular tubeless tire tool.
Use in pairs.
Length: 38"
Stock: 3/4"
Weight: 5 Lbs
Part No. 34644



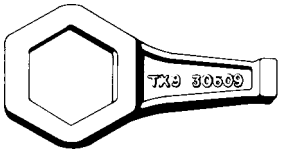
DOUBLE END TRUCK WRENCH
Constructed of 1" high quality steel.
Socket Sizes:
$1^{1}/_{8}$" hex,
$^{13}/_{16}$" square,
$1^{1}/_{2}$" hex
Length: 16"
Weight: 41/2 Lbs
Part No. 32501



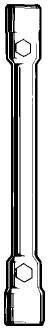
DOUBLE END TRUCK WRENCH
Constructed of 1" high quality steel.
Socket Sizes:
$1^{1}/_{4}$", $^{11}/_{16}$" Hex
Length: 16"
Weight: 41/2 Lbs
Part No. 32509

LEVERAGE BAR
Fits all Ken-Tool double end truck wrenches.
Length: 22"
Hex: 3/4"
Weight: 3 Lbs.
Part No. 32318

BUDD NUT WRENCH FOR OUTER CAPNUTS

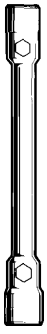


Holds outer capnut while turning inner.
$1^{1}/_{2}$" hex opening.
Weight: 14 oz.
Part No. 30609



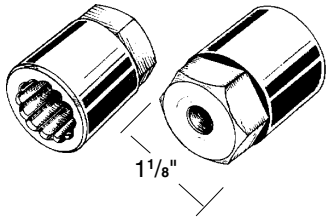
METRIC DOUBLE END TRUCK WRENCHES
Constructed of 1" high quality steel.
Length: 16", Weight: 41/2 Lbs

Socket Sizes:
24mm, 33mm
Part No. 32552



Ken-Tool

INNER NUT REMOVER
Quickly and easily removes inner nuts that have stripped ends. Use with TR1 wrench, or 11/2 inch impact socket.
Part No. 30165 (E-5206)



Ken-Tool

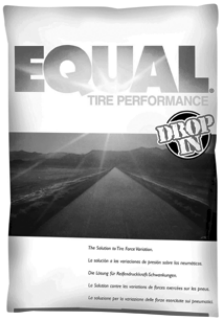
PROFESSIONAL TIRE BEAD BREAKING HAMMER
Fiberglass handle with NU-LOK adapter prevents head from loosening.
Length: 32"
Weight: 9.1 Lbs.
Part No. 35429

30" CURVED SPOON TIRE IRON
Curved for mounting or demounting tires.
Length: 30"
Stock: $^{11}/_{16}$"
Weight 3.1 Lbs
Part No. 33220

24" LOCK RING TOOL
Designed for tire mounting and demounting.
Length: 24"
Stock: $^{11}/_{16}$"
Weight: $2^{1}/_{4}$ Lbs
Part No. 32123

EQUAL® TIRE PERFORMANCE

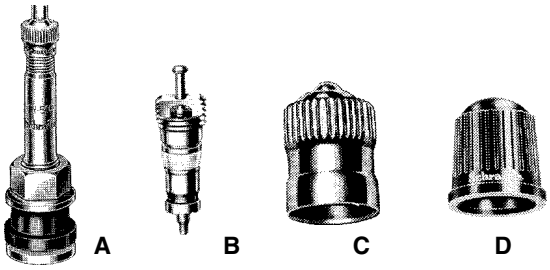
Part No.	Description
EQCS40AD	12 oz. bag
EQCS40BD	10 oz. bag
EQCS40CD	8 oz. bag
EQCS40DD	6 oz. bag
EQCS40ED	4 oz. bag
EQCS40FD	3 oz. bag



EQUAL
TIRE PERFORMANCE
...For the Ride.

EQUAL is installed by placing a self opening bag-containing a specified amount of the product tailored to the tire size-inside the tire at the time of mounting. It can also be installed through the valve stem using a special installation tool *after* tire mounting.

TRUCK & BUS TUBELESS TIRE VALVES & CAPS



A B C D

TIRE VALVES
A
Straight Valves
For 5/8" (.625")
Side Hole
Rim Mountings

Part No.	Length
TR571	3-3/8"
TR572	3-3/4"
TR573	4-3/8"

VALVE CORE
B
For
General Purpose
Valve Use.
Part No. TRC-1
Schrader 8500TV
Operating Pressure
0 - 200 PSI

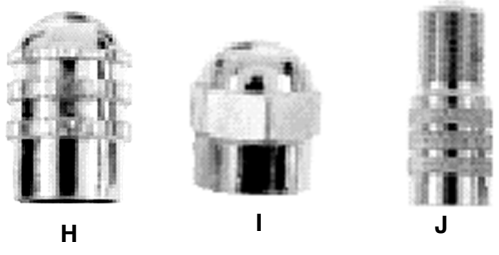
VALVE CAPS
C
Metal
For Standard Valves
Part No. TRVC-3
Schrader 7572V
D
Black Flexible plastic
Part No. TRVC-8
Schrader

E F G

VALVE STEM
E
Part No. RV416
1.5" Valve Stem
for .453 + .625
Rim Hole

TRUCK TIRE VALVE
F
Part No. TR509
90° Valve for 4-3/4"
Aluminum Wheels

VALVE STEM
G
Part No. TV545D
60° Bend
3-3/4" length

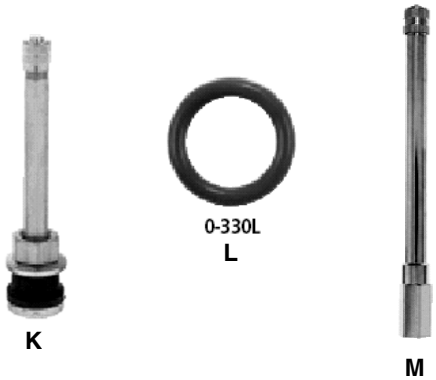


H I J

VALVE CAP
H
Part No. 17-491T
Heavy Duty Dome
Cap for Truck Service
w/Heat-Resistant
Sealing Washer

VALVE CAP
I
Part No. 17-493
Chrome Plated
Hex Cap

VALVE CAP
J
Part No. 17-579
Double Seal
Valve Cap



K L M

VALVE STEM
K
Part No. 17-501T
1-1/2" Valve Length

O-RING
L
Part No. 17-549
TR-540 Series
RG-30
Tire & Rim No.

TRUCK
VALVE EXTENSION
M
Part No. 17-581
1" Long Collar Type
$3^{1/16}$" Effective
Length

N O

TANK VALVES
N
Part No. 17-593
27/32" OAL
1/8" NPT Thread
7/16" Hex Size

HIGH PRESSURE
TUBELESS TIRE
VALVE
O
Part No. 17-600HP
1-1/4" Effective
Length

NATIONAL OIL SEALS

National® Oil Seals

Part No.	Description	CR Cross	Stemco Cross
370008A	37 Series Oil Seal	39378, 39380,	392-9018
370009A	37 Series Oil Seal	39420, 39423, 39425, 39426	309-0957
370011A	37 Series Oil Seal	36356, 36357, 36358, 36365	382-8071
370018A	37 Series Oil Seal	32449, 32470, 32519	382-8017
370037A	37 Series Oil Seal	43752, 43753	307-0744
370047A	37 Series Oil Seal	34384, 34386, 34387	309-0935
370106A	37 Series Oil Seal	42550	392-9045
370150A	37 Series Oil Seal	28758	308-0866, 382-8066
		National Teflon Oil Seals	
Part No.	**Description**	**CR Cross**	**Stemco Cross**
380001A	38 Series Oil Seal	35066, 35059	382-8036, 308-0836
380003A	38 Series Oil Seal	47697	392-9131, 309-0973
380022A	38 Series Oil Seal	45097, 45099	392-9094, 309-0903
380023A	38 Series Oil Seal	38780	392-9099
380025A	38 Series Oil Seal	46305	372-7097, 307-0743
380031A	38 Series Oil Seal	42672	392-9112, 309-0904
380036A	38 Series Oil Seal	40133, 40136, 40146	372-7098, 372-7003, 392-9032
380048A	38 Series Oil Seal	43763, 43764	308-0864
380065A	38 Series Oil Seal	42623	372-7099, 307-0723

OIL SEALS

INTERCHANGE LISTING

STEMCO® National® CR TRISEAL

STEMCO	NATIONAL	CR	TRISEAL	INNER CONE
307-0723	370065A	CR42623	65262U	593, HM518445
307-0713	370036A	CR40136	65261U	663
307-0743	370025A	CR46305	65060U	HM218248
307-0744	370037A	CR43752	65298U	665A
307-0864	370048A	CR43764	69697	6461A
307-0836	370001A	CR35066	69699	HM212047
307-0903	370022A	CR45099	69793	580, 582
309-0915	370024A	CR38750	65152U	47678
309-0960	370005A	CR48000	69798	594A, 598A
309-0973	370003A	CR47697	65156U	598A, 594A, 598

C/R SCOTSEAL FAMILY INTERCHANGES

Scotseal Classic	Scotseal LongLife	Scotseal Plus XL	National	National 5 Star	Stemco Guard G.G. Wheel Sets	Stemco (Seal w/Ring)	Stemco Voyager	Eaton Outrunner
-	-	23590	370199A	-	-	-	-	-
-	-	29480	370211A	-	-	-	-	-
34387	-	34384	370047A	-	309-0935 392-9035	(2057/1062)	-	-
34975	-	34971	370132A	-	308-0863 382-8063	(2036/1036)		
35000	35001	34994	370169A	-	392-9036	(2057/1063)	-	-
35066	35103	35058	370001A	380001A	308-0836 382-8036	(2036/1036)	383-0136	847
36358/ 36365	-	-	370011A	-	382-8071	(2216/1034)	383-0173	-
38750	-	38746	370024A	-	309-0915 392-9099	(2102/1501)	-	848
38780	38783	38776	370023A	380023A	309-0912 392-9099	(2102/1501)	393-0112	849
39988 w/456301	-	39979 w/456301	370033A w/AR-12	-	382-8039 382-8023	(2039/1011)	383-0139	-
40086	40090	40091	370066A	-	382-8001	(2086/1013)	-	-
40136	40147	40129	370349A/ 370036A	380036A	372-7098	307-0713 (2109/1507) (2109/1013)	373-0113	850
42623	42631	42627	376590A/ 370065A	380065A	372-7099	307-0723 (2023/1023)	373-0123	851
42672	-	42673	370031A	380031A	309-0904 392-9112	(2718/1705) (2213/1515)	393-0104	852
43752	-	43754	370338A 370037A	-		307-0744 (2118/1510) 372-7095	-	853
43764	43765	43761	370182A/ 370048A	380048A	308-0864 382-8064	(2137/1037)	383-0164	-
43860	-	-	370019A	-	309-0965 392-9096	(2114/1508)	-	854
44922	-	44916	370124A	-	308-0853 382-8053	(2181/1093)	383-0153	855
44964/ 45010	-	-	370178A	-	392-9033	(2058/1093)	-	-
45099	-	45093	370022A	380022A	309-0903 392-9094	(2129/1511) (2129/1093)	393-0103	856
45103	43675	45095	370131A	380131A	308-0855 308-0856 382-8056	(2199/1093)	383-0156	857
45160	-	45157	370021A	-	309-0964 392-9088	(2712/1712) (2113/1517) (2113/1093)	-	858
46305	46308	46300	370025A	380025A		307-0743 372-7097 (2110/1048)	373-0143	859
47697	47693	47692	370003A	380003A	309-0973 392-9131	(2703/1703) (2106/1555)	393-0173	861
48000	-	48002	370005A/ 370173A	-	309-0960 392-9081	(2717/1761) (2009/1079)	-	860
48690	-	-	370195A	-	392-9034	(2160/1066)	-	-

*Guard - (Guardian / G.G. - (Grit Guard)

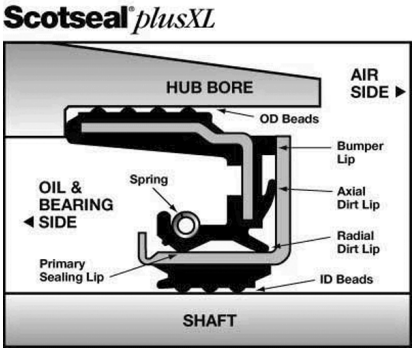
C/R SCOTSEALS

XL SCOTSEALS®

SCOTSEAL® PLUS XL

A whole new level of sealing performance and endurance!

- Reformulated elastomeric material withstands extreme heat and cold.
- Synthetic lubrication-friendly. Compatible with all commonly used fluids.
- Installs easily and correctly without special tools.
- Better dirt exclusion than any other seal on the market.
- Outstanding quality and performance.



Scotseal XL	Description	National Interchange	Stemco Interchange
CR38776	Scotseal Plus 3.875 Shaft x 5.704 O.D.	370023A	309-0912, 392-9099
CR40129	Scotseal Plus 4.00 Shaft x 5.767 O.D.	370349A	307-0713, 372-7098
CR42627	Scotseal Plus 4.250 Shaft x 6.025 O.D.	370065A	307-0723, 372-7099
CR42673	Scotseal Plus 4.250 Shaft x 6.254 Bore	370031A	309-0904, 392-9112
CR44916	Scotseal Plus 4.500 Shaft x 5.389 O.D.	370124A	308-0853, 382-8053
CR45095	Scotseal Plus 4.500 Shaft x 5.890 O.D.	370131A	308-0856, 382-8056
CR48002	Scotseal Plus	370005A	392-9081, 309-0960

SCOTSEALS®

Scotseal	Description	National Interchange	Stemco Interchange
CR21294	Grease Seal 2.12 I.D. x 3.052 O.D.	-	-
CR28426	Grease Seal 2.844 I.D. x 4.003 O.D.	-	-
CR28820	Scot Seal 2.875 I.D. x 4.126 O.D.	370010A	392-9063
CR31281	Scot Seal 3.125 I.D. x 4.50 O.D.	370014A	372-7049, 382-8062
CR39979	Scot Seal 4.000 I.D. x 5.137 O.D.		-
CR40086	Scot Seal 4.000 Shaft x 5.631 O.D.	370066A	382-8001
CR43754	Scot Seal 4.375 I.D. x 5.764 O.D.	370037A	372-7095
CR43861	Scot Seal 4.375 I.D. x 6.254 O.D.	370019A	392-9096
CR47483	Scot Seal Bus Application	-	392-9066
CR47693	Scot Seal 4.767 I.D. x 6.316 O.D.	370003A	392-9131
CR48690	Scot Seal	370195A	392-9034

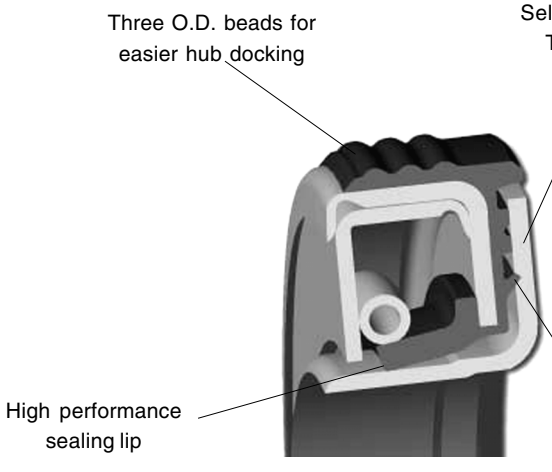
STEMCO GUARDIAN/GUARDIAN HP SEAL CROSS REFERENCE

CR Scotseal/ Scotsael Plus	Stemco Guardian	Mechanex Barrier	Stemco Guardian	National Unitized	Stemco Guardian
28758	**308-0866**	701400	**308-0866**	370001A	**308-0836**
34387 / 34386	**309-0935**	705400	**308-0836**	370003A	**309-0973**
34975 / 34972	**308-0863**	706400	**308-0864**	370005A	**309-0960**
35066 / 35059	***308-0836**	714400	**308-0853**	370006A	**309-0970**
38750	**309-0915**	731400	**308-0863**	370009A	**309-0957**
38780/38779/38783	**309-0912**	736400	**308-0855**	370019A	**309-0965**
39435	**309-0957**	736400	**308-0856**	370020A	**309-0964**
40134 / 40133	***307-0713**	745400	**307-0723**	370021A	**309-0964**
40136 / 40133	***307-0713**	747400	**307-0713**	370022A	**309-0903**
42623 / 42622	***307-0723**	749400	**307-0744**	370023A	**309-0912**
42672 / 42671	***309-0904**	755400	**307-0743**	370024A	**309-0915**
42800	**309-0961**	756400	**307-0743**	370025A	**307-0743**
43752 / 43753	**307-0744**	761400	**309-0973**	370030A	**309-0961**
43764 / 43763	***308-0864**	762400	**309-0961**	370031A	**309-0904**
43860 / 43861	**309-0965**	763400	**309-0960**	370034A	**309-0973**
43865 / 43861	**309-0965**	770400	**309-0912**	370036A	**307-0713**
43875 / 47695	**309-0973** w/364-6402	771400	**309-0912**	370036A	**307-0713**
44922 / 44919	**308-0853**	772400	**309-0964**	370047A	**309-0935**
44924	**308-0853**	774400	**309-0912**	370048A	**308-0864**
45099 / 45097	***309-0903**	781400	**309-0973**	370065A	**307-0723**
45103 / 45102	**308-0855** FA109 w/Cast Wheel '79 Up	782400	**309-0965**	370069A	**309-0948**
45103/45102/45105	**308-0856**	785400	**309-0903**	370124A	**308-0853**
45152 / 47695	***309-0973**	788400	**309-0957**	370131A	**308-0855**
45160 / 45158	**309-0964**	789400	**309-0904**	370131A	**308-0856**
46305 / 46304/46308	**307-0743**	790400	**309-0970**	370132A	**308-0863**
47690	**309-0960**			370150A	**308-0866**
47697/47695/47698	***309-0973**			370338A	**307-0744**
47699	**309-0970**			370349A	**307-0713**
48000/48001/48002	**309-0960**			376590A	**307-0723**
52658	**309-0948**				

*** GUARDIAN® HP**

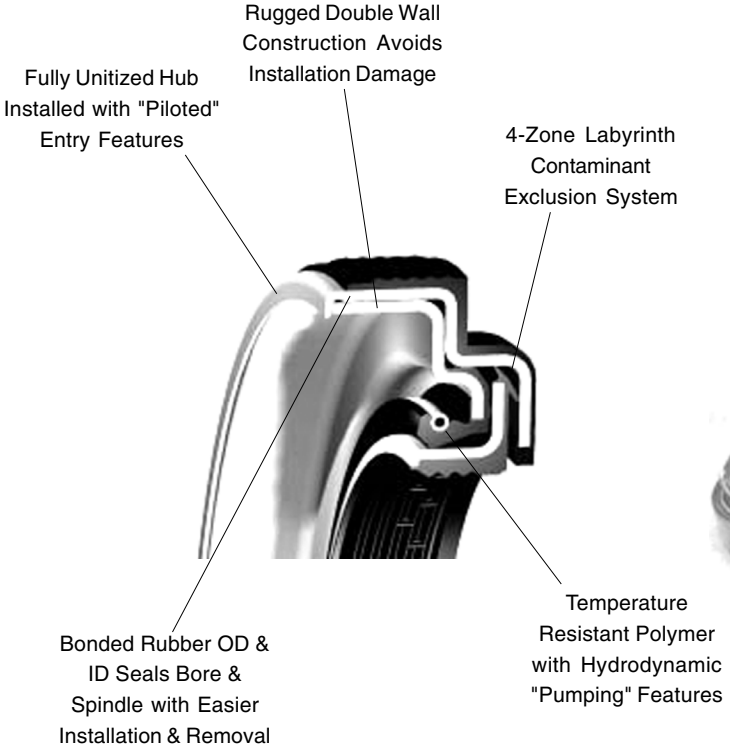
STEMCO®

Guardian HP



STEMCO VOYAGER SEAL CROSS REFERENCE

VOYAGER®	CR	CR PLUS	NATIONAL	5 STAR	OUTRUNNER
373-0113	40136	40133	370036A	380036A	850
373-0123	42623	42622	370065A	380065A	851
373-0143	46305	46304	370025A	380025A	859
373-0144	43752	43754	370037A	N/A	853
373-0191	42624	N/A	370107A	N/A N/A	
383-0101	40086	40088	370066A	N/A N/A	
383-0136	35066	35059	370001A	380001A	847
383-0139	39988	39977	370033A	N/A N/A	
383-0153	44922	44919	370124A	N/A	855
383-0156	45103	45102	370131A	380131A	857
383-0164	43764	43763	370048A	380048A	863
383-0166	28758	N/A	370150A	N/A N/A	
383-0171	36358	36357	370011A	N/A N/A	
383-0175	N/A	N/A	370199A	N/A N/A	
383-0176	N/A	N/A	370211A	N/A N/A	
393-0103	45099	45097	370022A	380022A	856
393-0104	42672	42671	370031A	380031A	852
393-0112	38780	38779	370023A	380023A	849
393-0134	48690	N/A	370195A	N/A N/A	
393-0148	52658	N/A	370069A	380069A	N/A
393-0173	47697	47695	370003A	380003A	861



STEMCO®

Voyager®

TRISEAL UNITIZED INTERCHANGES

TRISEAL	Saf-T-Wipe	Scotseal Plus	Scotseal	National	Stemco Seal Sets
65000U	69692K	44919	44922	370124A	380-8053 387-8753
65027U	69743K	---	42550	370106A	390-9045
65030U	69781K	---	52658	370069A	392-9089
65056U	69799K	47695	47697	370003A	309-0973 392-9131
65060U	69598K	46304	46305	370025A	307-0743 372-7097 373-0143
65071U	69788K	42671	42672	370031A	309-0904 392-9112
65078U	69696K	45102	45103	370131A	*308-0856 382-8056 383-0156
65092U	69697K	43763	43764	370048A/ 370182A	308-0864 383-0164
65111U	69785K	34386	34387	370047A	309-0935 392-9035
65152U	69794U	38779	38780	370023A	309-0912 392-9012 393-0112
65165U	69798K	48001 or 48000	47690	370005A	397-9760 309-0960 392-9132
65172U	69791K	45158	45160	370021A	309-0964 392-9088 390-9064
65184U	69797K	43861	43860	370019A	309-0965 392-9092
65261U	69597K	40133	40136	370349A 370036A	377-7713 370-7098 370-7013
65262U	69596K	42622	42623	376590A 370065A	307-0713 372-7098 373-0123
65263U	69699K	35059	35066	370001A	308-0836 383-0136
65270U	69793K	45097	45099	370022A	309-0903 392-9094 393-0103
65294U **W/67038J**	69628K W/455031	39977 W/455031	39988 W/AR12	370033A/ W/401253	383-0139
65298U	69599K	43753	43752	370338A 370037A	307-0704 372-7095

*** NAVISTAR APPLICATION**

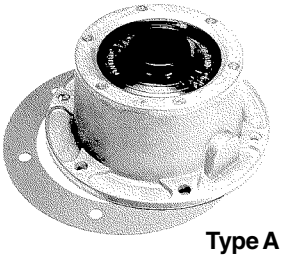
TRISEAL

STEMCO HUBCAP PREFIXES

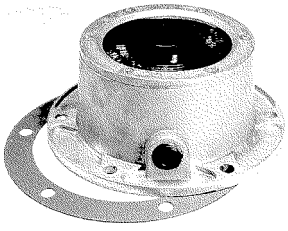
PreFix	Description
340-	Standard hub cap without oil port.
342-	Dirt exclusion grease hub cap.
343-	Standard hub cap with oil port.
347-	Hubodometer hub cap with oil port.
348-	Sentinel® oil hub cap.
349-	Sentinel® grease hub cap.
352-	Solid grease hub cap.

STEMCO™
A Higher Standard of Performance.℠

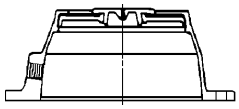
STANDARD HUBCAPS



Type A



Type B



340-5096
Stemco Vented Steel Cap

Bolt Circle	Bolt Holes	Bolt Size	(A)	I.D. (B)	O.D. (C)	Height (D)	Type	Gasket	Oil Port Plug	Vent Plug	Hubcap Part No.
5.500	6	.313	2.531	4.438	6.250	2.531	A	**330-3009**	**no**	**401199**	**340-4009**
5.500	6	.313	2.531	4.438	6.250	2.531	B	**330-3009**	**yes**	**401199**	**343-4009**
5.500	6	.313	2.313	4.375	6.250	2.500		**330-3009**	**no**	**no**	**340-5096**

SENTINEL® HUBCAPS

Sentinel ESP with its patented Sentinel Technology extends seal and bearing life. It reduces contaminant build-up on windows. Clean and dry hub caps make it easier to view oil levels - no more sticking your finger into the cap to determine the lube levels. Plus, cleaner looking wheel ends look well maintained. Sentinel Technology also means longer life from your wheel end oil. No more breakdown of the oil from power washers or submerged wheels.

Stemco Sentinel ESP™ Extended Service Hubcap Plug
Fits all other Stemco caps using 359-5990 plug.
Part No. 359-6125

Stemco Sentinel Drive Axle Plug

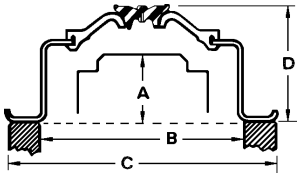
Part No. 359-6137

C/R HUBCAPS

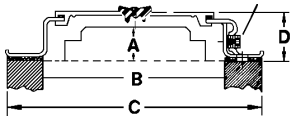
CHICAGO RAWHIDE
STEEL HUBCAP SPECIFICATIONS

To determine the correct hubcap for mounting, count the number of mounting holes, measure diameter of bolts, measure bolt circle (select 2 holes opposite each other and measure from the center of one bolt hole to the center of the one opposite).

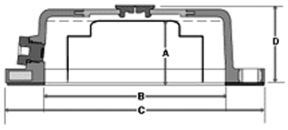
Type H3



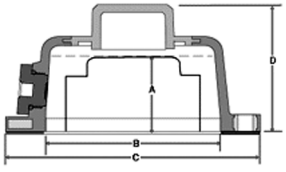
Type H6



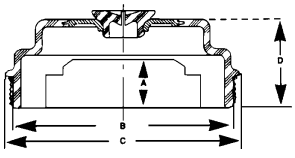
Type TF1



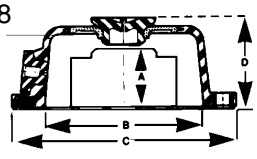
Type TF3



Type TF4



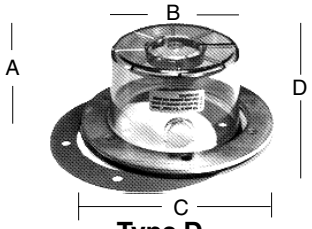
TypeTF8



Bolt Circle	Bolt Holes	Bolt Size	Max Axle Ext (A)	I.D. (B)	O.D. (C)	Height (D)	Type	Gasket	Plug	Hubcap Kit
5.500	5	.313	1.742	4.525	6.313	2.683	H3	**CR450775**	**CR450434**	**CR1742**
5.500	6	.313	1.485	4.540	6.625	1.702	H6	**CR450788**	**CR453813**	**CR1788**
5.500	6	.313	1.742	4.525	6.313	2.683	H3	**CR453795**	**CR450434**	**CR1743**
5.562	6	.313	1.625	4.540	6.625	1.837	H6	**CR450781**	**CR453813**	**CR1703**
5.500	6	.349	1.120	4.257	6.250	1.397	TF1	**CR453795**	**CR453879**	**CR1790**
6.750	6	.349	2.887	5.645	7.500	3.688	TF8	**CR453799**	**CR450434**	**CR1796**

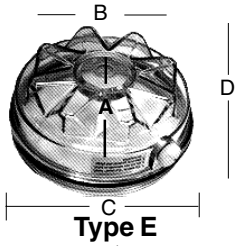
Bolt Circle	Bolt Holes	Hole Size	Max Axle Ext (A)	I.D. (B)	O.D. (C)	Height (D)	Type	Gasket	Plug	Hubcap Kit
5.500	6	.349	1.990	4.432	6.250	3.082	TF3	**CR453795**	**-**	**CR1600**
4.500	6	.349	1.586	3.500	6.250	2.609	TF8	**CR453869**	**CR453807**	**CR1612**
5.500	6	.349	5.500	1.586	6.250	1.643	TF1	**CR453795**	**CR453979**	**CR1613**
5.500	6	.349	1.730	4.440	6.250	2.469	TF8	**CR453795**	**CR450434**	**CR1643**
5.500	6	.349	1.730	4.440	6.250	2.469	TF8	**CR453795**	**CR453807**	**CR1644**
6.250 x 8 O. D.		Threaded	2.156	4.540	6.500	2.500	TF4	**CR719021**	**CR450434**	**CR1282**

HUBCAPS FOR HUBODOMETERS



Type D

Clear Lexan, with gasket. Includes steel reinforcing ring. Pipe plug included.



Type E

Screw-on cap. 6 1/4" X 8 external thread, with oil port plug. Complete with O-ring.

Bolt Circle	Bolt Holes	Bolt Size	(A)	I.D. (B)	O.D. (C)	Height (D)	Type	Gasket	Oil Port Plug	Hubcap Part No.
5.50	6	.313	2.438	4.313	6.719	3.000	D	**1011028**	**401471**	**NL1555**
Threaded	6.25"X8	OD Threads	2.156	5.813	6.500	3.125	E	**401265**	**401471**	**NL1554**

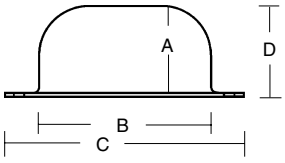
Bolt Circle	Bolt Holes	Bolt Size	(A)	I.D. (B)	O.D. (C)	Height (D)	Gasket (Furnished)	Oil Port Plug	Hubcap Part No.
5 1/2	6	5/16	2 11/16	1 15/16	4 3/8	6 1/4	1011028[1]	**401273**	**347-4009**
5 1/2	5	5/16	2 11/16	1 15/16	4 3/8	6 1/4	5Hole[1]	**401273**	**347-4013**
Pro-Par screw-on cap								**330-3077**[2]	**347-4075**

[1] Universal gasket part no. 401526 can be substituted.

[2] Gasket no. 401265 can be substituted.

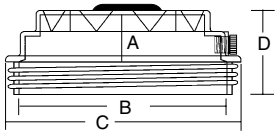
HUBCAPS

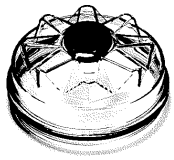
NL1013
Steel Cap
(Unvented)



64009S

NL1568

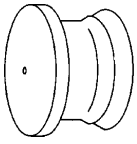




National® TRISEAL FLEETCRAFT® QUALITY PARTS FOR THE TRUCKING INDUSTRY

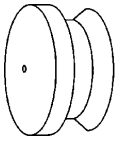
Bolt Circle	Bolt Holes	Bolt Size	(A)	I.D. (B)	O.D. (C)	Height (D)	Gasket	Oil Port Plug	Vent Plug	Hubcap Part No.
5.500	6	.313	2.531	4.375	6.250	2.531	**1011028**	**No**	**B-300**	**HU009A**
Threaded	6.25"X8	OD Threads	2.156	5.813	6.500	3.125	**401265**	**401471**	**401237V**	**NL1568**
5.500	6	.312	2.50	4.54	2.99	2.50	**1011028**	**No**	**YES**	**64009S**
5.500	6	.313	2.25	4.563	6.18	2.313	**1011028**	**No**	**No**	**NL10.3**

HUBCAP VENT & OIL PORT PLUGS

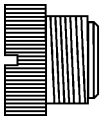


Vent Plug
For NL1568 and other plastic caps.
Black.
Part No. 401237V

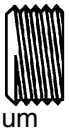
Vent Plug
Standard Size (.030/.040)
Red.
Part No. 401199



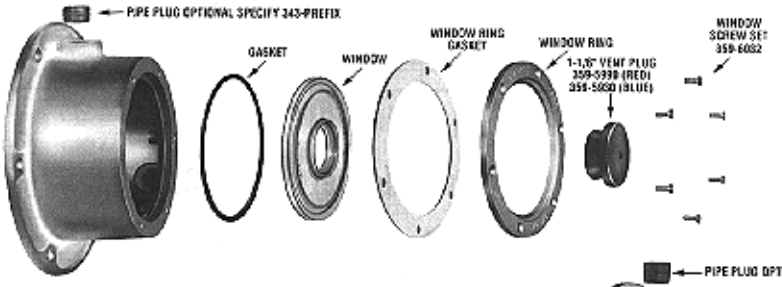
Oil Port Plug, Plastic
For Lexan Hubcaps NL1554, NL1555 NL1568, 347-4075
Part No. 401471
Includes O-ring



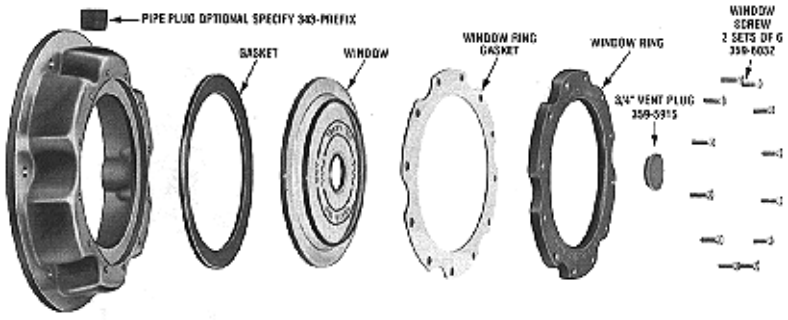
Oil Port Plug, Steel
For Aluminum Hubcaps
Part No. 401273



STEMCO HUBCAP COMPONENT PARTS



TYPICAL 2-3/4" AND 3-1/2" WINDOW COMPONENT PARTS



TYPICAL 4-3/8" WINDOW COMPONENT PARTS

Window Diameter	Window	Gasket	Window Ring	Window Ring Gasket	Vent Plug	Screw Set Set of 6	Window Kit[1]
2-3/4	359-5983	359-5996	359-5997[3]	359-3136	359-5990[4]	359-6032	359-5999
3-1/2	359-5994	359-5991	359-5992	359-3127	359-5990[4]	359-6032	359-5995
3-1/2	359-5981[5]	359-5991	3589-5992	359-3127	None	359-6032	359-6117
4-3/8	359-5918	359-5968	359-5970	359-3137	359-5915	359-6032[7]	359-5912
3-1/2	359-6049[6]	359-5991	359-5992	359-3137	359-5915	359-6032	359-6100[6]

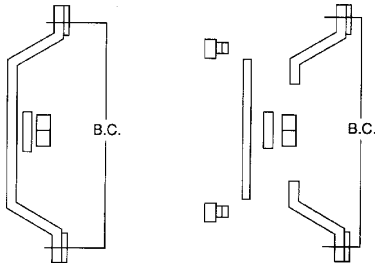
[1]Window kit consists of window, gasket, window ring, gasket and vent plug.
[2]Magnetic pipe plug part number 359-5984
[3]5 hole window ring.
[4]Blue vent plug part number 359-5930
[5]Window for mounting Argo, Stemco and Veeder-Root hub-odometers. Be sure hub cap has pipe plug filler before mounting.
[6]Window with recessed vent plug.
[7]Two sets required.

STEMCO HUBODOMETERS

STEMCO™
A Higher Standard of Performance.℠

Guaranteed Over-Life-of-Tire Accuracy Backed by 500,000-Mile Warranty

Part Number	RPM	Part Number	RPM
650-0598	500	**650-0583**	468
650-0610	522	**650-0588**	480
650-0587	480	**650-0593**	486
650-0605	513	**650-0600**	500
650-0608	520	**650-0626**	570
650-0601	504	**650-0640**	567



Popular Hubodometer Brackets

Part Number	Bolt Circle Diameter	Stud Size	Height
610-0065	5 1/2	5/16	3 1/2
610-0006	7	5/8	1 11/16
610-0007	7	3/4	1 11/16
610-0011	5 1/4-7 3/4	1/2	1 3/4
610-0024	5 1/2	5/19-18 Thrd	4 1/2

HUBODOMETERS

STEMCO™ DataTrac™

A Higher Standard of Performance.℠

POPULAR DATATRAC™ APPLICATIONS (Our Part No. is under MILE)

TIRE MAKE	TIRE MODEL	TIRE SIZE	MILE	KILOMETER
BRIDGESTONE	M726	11R22.5	600-5499	600-4310
	M726	11R24.5	600-5476	600-4296
	M726	255/70R22.5	600-5564	600-4351
	M726	285/75R24.5	600-5499	600-4310
	M726	295/75R22.5	600-5514	600-4320
	R194	11R22.5	600-5513	600-4319
	R194	11R24.5	600-5489	600-4304
	R194	255/70R22.5	600-5580	600-4361
	R194	285/75R24.5	600-5513	600-4319
	R194	295/75R22.5	600-5529	600-4328
GOODYEAR	G104	255/70R22.5	600-5579	600-4360
	G124	11R22.5	600-5505	600-4314
	G124	255/70R22.5	600-5572	600-4356
	G167	11R22.5	600-5501	600-4311
	G167	295/75R22.5	600-5515	600-4320
	G314	11R22.5	600-5512	600-4318
	G314	11R24.5	600-5488	600-4303
	G314	285/75R24.5	600-5514	600-4320
	G314	295/75R22.5	600-5529	600-4328
	G362	11R24.5	600-5478	600-4297
	G362	285/75R24.5	600-5501	600-4311
	G362	295/75R22.5	600-5515	600-4320
	G372	11R24.5	600-5476	600-4296
	G372	285/75R24.5	600-5497	600-4309
	G372	295/75R22.5	600-5512	600-4318
MICHELIN	XDA2	11R22.5	600-5502	600-4312
	XDA2	11R24.5	600-5480	600-4298
	XDA2	255/70R22.5	600-5566	600-4352
	XDA2	275/80R22.5	600-5519	600-4323
	XDA2	275/80R24.5	600-5502	600-4312
	XZA2	11R22.5	600-5510	600-4317
	XZA2	11R24.5	600-5485	600-4302
	XZA2	275/80R22.5	600-5526	600-4327
	XZA2	275/80R24.5	600-5509	600-4316
	XZE	255/70R22.5	600-5574	600-4357

VEEDER-ROOT
Vehicle Products
DIVISION OF DANAHER CONTROLS

Ratio (Face Plate Markings)	Miles Part Number	Kilometers Part Number	Ratio (Face Plate Markings)	Miles Part Number	Kilometers Part Number
294:1		777727-294	475:1	777717-475	777727-475
300:1		777727-300	4841/2:1	777717-484	
310 1/3:1		777727-310	490:1	777717-490	777727-490
312:1	777717-312		494:1	777717-494	
316 2/3:1		777727-316	500:1	777717-500	777727-500
326 2/3:1		777727-326	510:1	777717-510	
329:1	777717-329		5141/2:1	777717-514	777727-514
333 1/3:1		777727-333	520:1	777717-520	
343:1		777727-343	525:1	777717-525	777727-525
346:1	777717-346		539:1	777717-539	777727-539
350:1		777727-350	546:1	777717-546	
359 1/3:1		777727-359	550:1	777717-550	777727-550
364:1	777717-364		572:1	777717-572	
366 2/3:1	777717-366	777727-366	588:1	777717-588	777727-588
381:1	777717-381		600:1	777717-600	
392:1	777717-392	777727-392	612:1	777717-612	
400:1	777717-400	777727-400	624:1	777717-624	
416:1	777717-416		637:1	777717-637	
424 2/3:1	777717-424	777727-424	650:1	777717-650	
433 1/3:1	777717-433	777727-433	676:1	777717-676	
441:1	777717-441	777727-441	7591/2:1	777717-759	
450:1	777717-450	777727-450	775:1	777717-775	
465 1/2:1	777717-465	777727-465	806:1	777717-806	
468:1	777717-468				

Don't know what kind of tire, or can't find a listing?

Follow these simple steps for determining the hub-odometer you need:

1. Measure from ground to center of hub. Try to be as accurate as possible.
2. Double this measurement (to get diameter).
3. Multiply by 3.1428. (Pi.) This will give you the circumference of the tire in inches.
4. Divide by 12. (to get feet)
5. Divide result into 5,280.
   This will give you the number of Revolutions Per Mile.

AFTERMARKET BRAKE LINING COMPARISON CHART

ASBESTOS-FREE BLOCKS

MANUFACTURER	GRADE COMPARISON			
	Premium Heavy duty	Premium	Standard	Transit
FLEETCRAFT	FC23FF	FC20FF		
ABEX	685	6008	6014	see next page!
BENDIX	ULTRAVAR I BX GA FE BX BE EF	ULTRAVAR II BX GB FF	ULTRAVAR III BX GD EE	
CARLISLE MOTION CONTROL, INC.	ENDURAMID MM HD1 FF MB23	MB21, HD2A, HD2	ENDURACON MMEC2 FF, MB17, MB19 MM NA100 EF	MM TG2 EF
CM BRAKE CANADIAN METALLIC	CM22A FF	CM20FF	CM18FF, CM16	CM T20 FF
ECHLIN GREY ROCK	GR 2020-1 FF	GR 2015-1 EE	GR 2011-1 EE GR2014-1 EE	
ECHLIN BRAKE TECHNOLOGY	BT MM FF/HM FF	BT HM FF BR9223 BT9223-1 BT9223-2	BT LM FF	BT MC FF/NC FF
EUCLID	E88 FF E85A	E78	E50 FF E55 FF	E83 FF
FRAS-LE	A/F 557 FF	A/F 555 FF	A/F 550 FF	
FRICTION MATERIALS CO. INC. (PORTER)		RSPC D1004 FF		
FERODO AMERICA	SAFTIGRIP 1000: NGRZ E2 FF NGRZ SGT FF BIG BLUE: NWB BB FF NWB HB FF	SUPER SILVERTIP: NGRZ SST EF BIG BLUE II NWB BR FF NWB HP FF 867	NU-GARD: NGRZ NU FF NGRZ NBK EF FLEET VALUE NWB NFS EF NWB FV FF	SAFTIGRIP 1000 NGRZ SG FF BIG BLUE NWB BB FF
SCAN PAC	RF 28-30 FF RF 28-3M GG	RF 28-3E FF	RF 28-3D FF	
H.D.A. HEAVY DUTY AMERICA	NAB B6 FF NAB B8 FF NAB B6 FF/B8 FF HDA 7 FF	HDA 20 FF	NAB B7 FF	
MARATHON	HS HEAT STAR	DL DURALINER	UB UNI-BLOCK	
BBA FRICTION	3002T	4001M	5001	
ARMADA	AR457P F F		AR440S FF	

GENERAL INFORMATION:

Premium Heavy Duty: Higher axle ratings and load applications for on and off highway. High temperature.
Premium: Medium to high friction. Wide range of highway use.
Standard: General application highway use.

NOTE:

Although this reference guide considers general performance characteristics, product performance varies not only by material grade but also by brake components used, load, terrain, and driver habits. When selecting a friction material, review performance data and consult manufacturer representatives for service recommendations. Never purchase friction material based solely on price.

ABEX BRAKE LINING IDENTIFICATION AND APPLICATION

ABEX LIST OF LINING OPTIONS

'EX" Abex 685FF Supreme Brake Block

Abex 685 FF is an OEM approved asbestos free premium brake lining. The torque output is at a level which will meet the inertia dynamometer requirements of FMVSS 121 at a GAWR of 23,000 lbs. with an AL factor of 165.

'EW" Abex 6028 GG Wedge Brake Block

"EW" prefix lining is specifically designed and OEM approved for wedge brake applications.

'EN" Abex 6008-1 FF Premium Brake Block

Abex 6008-1 FF is an OEM approved asbestos free premium bake lining. The torque output is at a level which will meet the inertia dynamometer requirements of FMVSS 121 at a GWAR 20,000 lbs. with an AL factor of 165-180.

'EL" Abex 6011 FF Supreme II Brake Block

Abex 6011 FF is an OEM approved asbestos free premium bake lining. The torque output is at a level which will meet the inertia dynamometer requirements of FMVSS 121 at a GWAR 20,000 lbs. with an AL factor of 165.

'XL" Abex 6014 Special Brake Block

Abex 6014 FF is an asbestos free premium bake lining. The torque output is at a level which will meet the inertia dynamometer requirements of FMVSS 121 at a GWAR 19,000 lbs. with an AL factor of 180.

'ED" Abex 6028 GG Supreme III Extreme Duty Brake Block

Abex 6028 GG is an OEM approved asbestos free premium bake lining. The torque output is at a level which will meet the inertia dynamometer requirements of FMVSS 121 at a GWAR 25,000 lbs. with an AL factor of 180.

'EC" Abex 685 FF/Abex 6069 GG Semimetallic Combination Brake Block

"EC" is an asbestos free semimetallic combination brake lining. The torque output is at a level which will meet the inertia dynamometer requirements of FMVSS 121 at a GWAR of 23,000 lbs with an AL factor of 165-180. It is recommended for refuse trucks and other severe duty applications.

'EM" Abex 6069 GG Semimetallic Brake Block

Abex 6069 GG is an asbestos free semimetallic brake lining. This material has been custom engineered for use by commercial fleets.

'SDA" Abex 6098 GG Severe Duty Brake Block

Abex 6098 GG is an asbestos free premium brake lining. The torque output is at a level which will meet the inertia dynamometer requirements of FMVSS 121 at a GWAR of 23,000 lbs. with an AL factor of 165-180. It is recommended for refuse trucks and other severe duty applications.

'EH" Extra Heavy Duty Off-Highway Brake Block

Lining in this category is OEM approved and application engineered by part number. Each formulation will provide the optimum balance between performance, safety, and long life.

'MC" Abex 685 FF/Abex 697 EE Combination Transit Brake Block

"MC" is an OEM approved asbestos free combination transit brake lining. This combination has been custom designed for use on busses. It is the preferred lining of most major transit authorities.

'MQ" Abex 6111 FF Transit Brake Block

Abex 6111 FF is a single friction extra quiet asbestos free transit lining.

'MX" Abex 697 EE Transit Brake Block

Abex 697 EE is a single friction asbestos free transit lining.

FLEETCRAFT BRAKE LINING

NOT ALL AFTERMARKET LININGS ARE CREATED EQUAL.
NOT ALL AFTERMARKET LININGS ARE MADE IN THE USA.

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

PREMIUM CERTIFIED
Remanufactured
LINED BRAKE SHOE
Made in U.S.A.

A QUALITY BRAKE LINING ON A NEW OR REMANUFACTURED BRAKE SHOE WITH NO SACRIFICE IN QUALITY. AND IT'S MADE IN THE USA!

FLEETCRAFT BRAKE LINING APPLICATION GUIDE

LINING DESCRIPTION & APPLICATION

FC20 Brake Lining

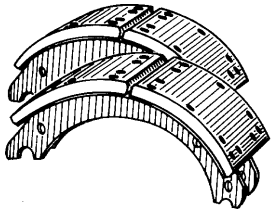
Premium, OE quality non-asbestos friction material with a glass fiber base. It provides excellent performance and wear and is excellent for use with automatic slack adjusters.

APPLICATION

General Freight "over-the-road" use on trucks, truck-tractors, and trailers. Meets FMVSS 121 requirements.
GAWR 20,000 lbs.

NEW LINED SHOES
Lined with Fleetcraft
Premium Quality FC20 Lining

Application	Part No.
Rockwell "Q"	**1011941-FC20**
Fruehauf XEM	**1011944-FC20**



PREMIUM QUALITY LINED SHOES

FC23 Brake Lining

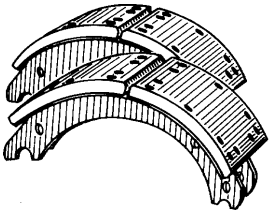
Premium heavy duty non-asbestos friction material. Recommended for multi-duty service where excessive loads and tough terrain are prevalent. Compatible with automatic slack adjusters.

APPLICATION

Heavy highway use, gravel trains, steel haulers, concrete trucks, liquid haulers.
Meets FMVSS 121 requirements
GAWR 23,000 lbs.

NEW LINED SHOES
Lined with Fleetcraft
Premium FC23 Lining

Application	Part No.
Rockwell "Q"	**1011941-FC23**
Fruehauf XEM	**1011944-FC23**



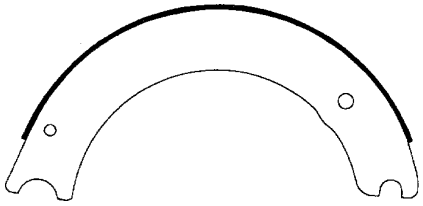
LINED BRAKE SHOES FOR CAM TYPE BRAKES

New Lined Brake Shoes

Application	Lining Description	Axle Rating/ AL Factor	Lined Shoe Part No.	Use Hardware Kit No.:
FMSI 1308 15 x 4 Front Axle Eaton Single Anchor Pin Brake	ABEX 6008-1 FF EXL Supreme	20,000/180	**1011880-6008**	NL1683
FMSI 1308 15 x 4 Front Axle Rockwell Q Brake	ABEX 6008-1 FF EXL Supreme	20,000/180	**1011883-6008**	NL1604 NL1685
FMSI 4311J 16½X7 Eaton Single Anchor Pin Brake	Fleetcraft FC20 FF ABEX 6014FF ABEX 6008-1FF EXL ABEX 685FF EXL Supreme ABEX 6085FF	20,000/180 20,000/165 20,000/180 23,000/180 20,000/165	**1011943-FC20** **1011943-FC23** **1011943** **1011943-6008** **1011943-685** **1011943-6085**	NL1616
FMSI 4709 16½X7 Eaton "ES II" Single Anchor Pin Extended Service Brake	ABEX 685FF EXL Supreme	23,000/180	**1011953-685**	NL1688
FMSI 4515ED 16½X7 Fruehauf ProPar	Fleetcraft FC23 FF Fleetcraft FC20 FF ABEX 6014FF ABEX 685FF EXL Supreme ABEX 6008-1FF EXL ABEX 6085FF	23,000/180 20,000/180 20,000/165 23,000/180 20,000/180 20,000/165	**1011944-FC23** **1011944-FC20** **1011944** **1011944-685** **1011944-6008** **1011944-6085**	NL1624 NL1624BX NL1624HD
FMSI4515ED 16½X7 Rockwell	Fleetcraft FC23 FF Fleetcraft FC20 FF ABEX 6014FF ABEX 685FF EXL Supreme ABEX 6008-1FF EXL ABEX 6085FF	23,000/180 20,000/180 20,000/165 23,000/180 20,000/180 20,000/165	**1011941-FC23** **1011941-FC20** **1011941** **1011941-685** **1011941-6008** **1011941-6085**	NL1621 NL1621BX NL1621HD NL1621HDS
FMSI4707D 16½X7 Rockwell	ABEX 685FF EXL Supreme	23,000/180	**1011951-685** **1011951-FC23** **1011951-FC20**	NL1621HD NL1621HDS

UNLINED BRAKE SHOES FOR CAM TYPE BRAKES

15" DIAMETER BRAKES

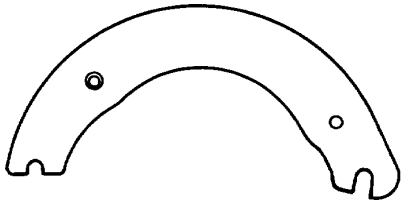


Eaton Front Axle, Single Anchor Pin

Eaton Front Axle, Single Anchor Pin

Part No.	Size	FMSI No.	Replaces	Hardware Kit:
1011880	15X4	1308	Eaton 1005840	NL1683

Single webb shoe
Eaton webb stamping no. 1005836, table no. 1005840



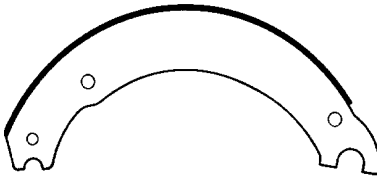
Rockwell Front Axle, "Q" Brake

Rockwell Front Axle, "Q" Brake

Part No.	Size	FMSI No.	Replaces	Hardware Kit:
1011883	15X4	1308	A3222-F-1982	NL1604 NL1685

Single webb shoe
Rockwell webb stamping no. 3222-D-1980

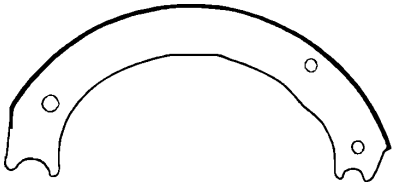
16-1/2" DIAMETER BRAKES



Eaton Single Anchor Pin

Eaton Single Anchor Pin

Part No.	Size	FMSI No.	Replaces	Brake Hardware Kit:
1011923	161/2X7	4311J	Eaton 805442	NL1616

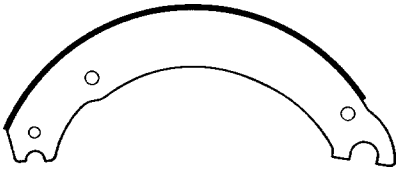


Eaton "ES" Single Anchor Pin

Eaton "ES" Single Anchor Pin, Extended Service Brake

Part No.	Size	FMSI No.	Replaces	
1011933	161/2X7	4709	Eaton 819707	NL1688

Eaton Webb stamping no. 819700

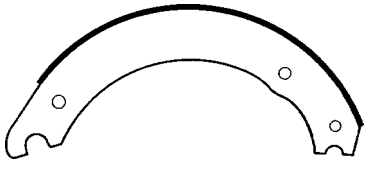


Fruehauf Current "XEM" Design

Fruehauf Current "XEM" Design

Part No.	Size	FMSI No.	Replaces	
1011924	161/2X7	4515E	Fruehauf ACF003379-001	NL1624 NL1624BX NL1624HD

Fruehauf webb stamping no. ACF3381-1

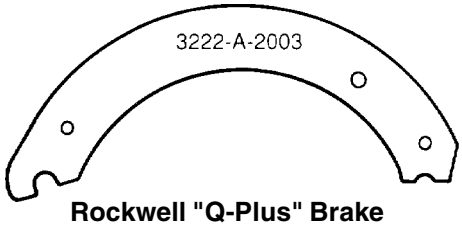


Rockwell "Q" Brake

Rockwell "Q" Brake

Part No.	Size	FMSI No.	Replaces	
1011921	161/2X7	4515E	Rockwell A-3222-S-1293	NL1621 NL1621BX NL1621HD NL1621HDS

Rockwell webb stamping no. 3222-O-1291



Rockwell "Q-Plus" Brake

Rockwell "Q-Plus" Brake

Part No.	Size	FMSI No.	Replaces	
1011931	161/2X7	4707	Rockwell A-3222-D-2006	NL1621HD NL1621HDS

Rockwell webb stamping no. 3222-A-2003

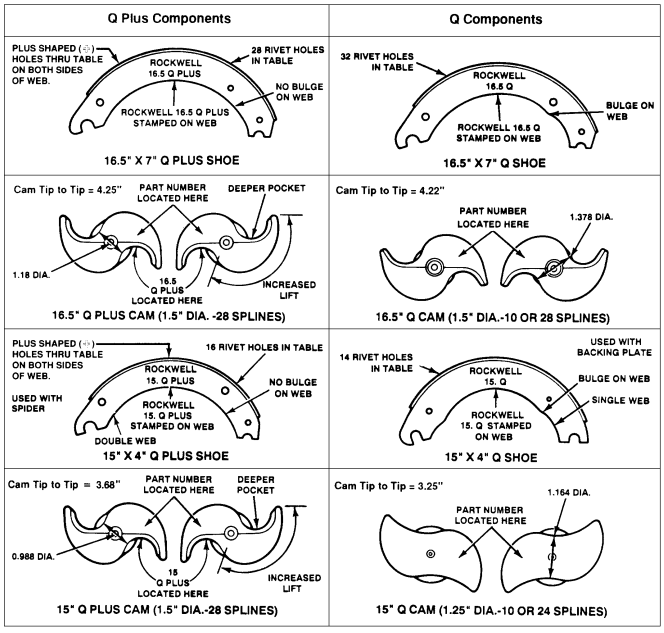
Extended Service Brakes - A Review

We are offering this review of extended service component identification for safety's sake - and to help you get the brake performance for which your equipment was designed.

Extended service brakes first began appearing on tractors and trailers in 1993, and has been increasing in use ever since. As these brakes become more common, it is important to remember the following information:

Never use a standard Q brake camshaft with Q Plus brake shoes. Always use Q Plus camshafts with Q Plus brake shoes. All Q Plus shoes and camshafts are marked with "Q Plus" for easy identification. If Q Plus shoes are used with standard Q camshafts, there is a possibility that the camshaft will "roll over" during brake application under certain operating conditions. This results in a nonworking brake which will increase stopping distances. Also, a new brake drum may not fit over the Q Plus brake shoes if the shoes are used with a standard brake camshaft.

Identifying Q-Plus Brake Shoes And Cams



Things To Remember When Working With Q-Plus Extended Service Brakes

Extended service brakes first began appearing on tractors and trailers in 1993, and has been increasing in use ever since. **Never use a standard Q brake camshaft with Q Plus brake shoes.** Always use Q Plus camshafts with Q Plus brake shoes. All Q Plus shoes and camshafts are marked with "Q Plus" for easy identification. If Q Plus shoes are used with standard Q camshafts, there is a possibility that the camshaft will "roll over" during brake application under certain operating conditions. This results in a nonworking brake which will increase stopping distances. Also, a new brake drum may not fit over the Q Plus brake shoes if the shoes are used with a standard brake camshaft.

Commonly Asked Questions About Meritor (Rockwell) "Q-Plus" Brakes

Q: Will I have a balance problem with mixing "Q Plus" brakes on my tractor or trailer?

A: No, the "Q Plus" brake was specifically designed for complete compatibility with the current Q brake. The brake performance and balance is essentially maintained through offering the same variety of linings for both brake designs.

Q: Can I use "Q" shoes on "Q Plus" camshafts?

A: Yes, both "Q" and "Q Plus" shoes can be used with "Q Plus" camshafts. In fact you may find it advantageous to standardize on "Q Plus" cams.

Q: Can I use "Q Plus" shoes on standard "Q" camshafts?

A: No, the current "Q" cam may not allow the "Q Plus" shoes (with .12" thicker lining) to collapse far enough to assemble the brake drum. A turned or worn drum could be assembled over the shoes, however this may not allow for adequate initial lining clearance which would increase the risk of a dragged brake.

Q: Do I need a special drum to accommodate the increased thickness of the "Q Plus" shoe?

A: No drum changes are required for 16.5" "Q Plus" brakes. 15 x 4 "Q Plus" front brakes may require slightly different drums and hubs on certain applications.

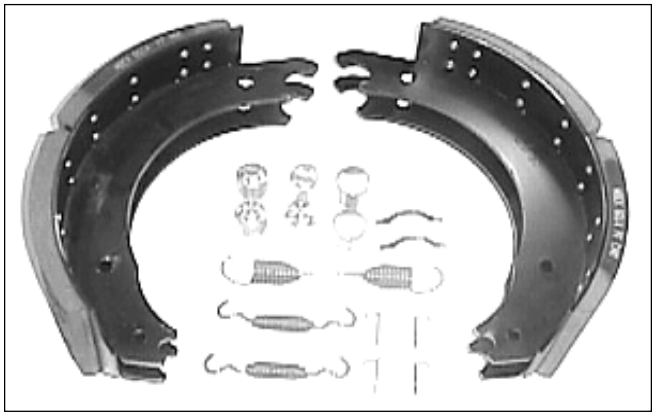
Q: What parts are common to "Q Plus" and "Q"?

A: All standard components are common between the "Q" and "Q Plus" brakes except for the brake shoes and camshafts. The "Q Plus" cam can be used with the "Q" or "Q Plus" brake shoes.

Q: What makes the "Q Plus" better than the "Q"?

A: The "Q Plus" reduces the overall maintenance costs by increasing the intervals between relines.

LINED BRAKE SHOE KITS



COMPLETE BRAKE SHOE KITS

Each kit contains two new lined brake shoes with foundation hardware to rebuild one brake assembly. 16-1/2 X 7.

Kit Number	Lining	Hardware Kit	Application
1011944K	ABEX 6014FF		
1011944-FC20K	Fleetcraft FC20	NL1624	Fruehauf ProPar
1011944-FC23K	Fleetcraft FC23		
1011941K	ABEX 6014FF	NL1621	Rockwell Q
1011941-FC20K	Fleetcraft FC20		
1011941-FC23K	Fleetcraft FC23		
1011951-685K	ABEX 685FF	NL1621HD	Rockwell Q-Plus
1011951-FC20K	Fleetcraft FC20		
1011951-FC23K	Fleetcraft FC23		

DISC BRAKE PADS

SEVERE DUTY PADS FOR HYDRAULIC DISC BRAKES

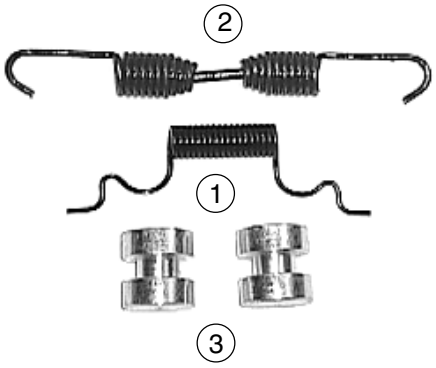
Engineered for superior stopping, high fade resistance, and long life.
Formulated for school bus and other severe use vehicles.

Typical Frictional Properties SAE J661a		Typical Physical Properties	
Normal Friction	0.330	Gogan Hardness	27
Hot Friction	0.316	Specific Gravity	3.10
400° F Wear Friction	0.330	Flexural Strength (Average)	

Application	Part No.
Bendix 3.38" Single Piston	**TPD184**
Bendix 2.60" Twin Piston (1st & 2nd designs)	**TPD184**
Bendix 2.88" Twin Piston (1st & 2nd designs)	**TPD225**
Dayton 2.50" Twin Piston	**TPD224**
Dayton 2.88" Twin Piston	**TPD236**

Part No.	Description	Part No.	Description
0149.10	149 Z Rated	**0225.20**	225 Carbon Metallic
0149.20	149 Carbon Metallic	**0225.30**	225 Semi Metallic
0184.10	184 Z Rated	**0375.20**	375 Carbon Metallic
0184.20	184 Carbon Metallic	**0411.20**	411 Carbon Metallic
0224.10	224 Z Rated	**0459.20**	459 Carbon Metallic
0224.20	224 Carbon Metallic	**0655.20**	655 Carbon Metallic
0225.10	225 Z Rated	**0748.20**	748 Carbon Metallic

BRAKE SHOE REPAIR KITS



EATON 15" SINGLE ANCHOR PIN FRONT (STEERING) BRAKE

FLEETCRAFT® QUALITY PARTS FOR THE TRUCKING INDUSTRY

Part No. NL1683

Kit services one brake and consists of:

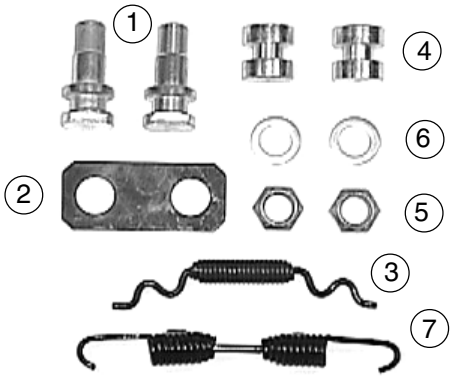
Item	Qty.	Part No.	Description
1	1	NL1713	Retainer Spring
2	1	NL1714	Return Spring
3	2	NL1712	Roller

Replaces

Eaton 1008306

E-5139

Use with 1011880 shoe



ROCKWELL 15" FRONT (STEERING) "Q" BRAKE

FLEETCRAFT® QUALITY PARTS FOR THE TRUCKING INDUSTRY

Part No. NL1684

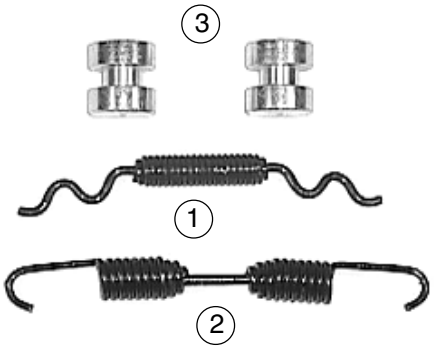
Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	2	NL1715	Anchor Pin
2	1	NL1716	Wear Plate
3	1	NL1718	Retainer Spring
4	2	NL1712	Roller
5	2	NL5413	Lock Nut
6	2	NL1719	Washer
7	1	NL1717	Return Spring

Replaces

Rockwell KIT 8029

K282
E-3869
8-1111



ROCKWELL 15" FRONT (STEERING) "Q" BRAKE
Springs and rollers only.

FLEETCRAFT® QUALITY PARTS FOR THE TRUCKING INDUSTRY

Part No. NL1685

Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	1	NL1718	Retainer Spring
2	1	NL1717	Return Spring
3	2	NL1712	Roller

Replaces

E-7899

Use with 1011883 shoe

MERITOR 15" FRONT (STEERING) "Q" BRAKE

ArvinMeritor™

Part No. KIT8029

Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	2	1259-X-1012	Anchor Pin
2	1	2258-K-1181	Return Spring
3	1	2258-E-1123	Retainer Spring
4	2	1199-G-3725	Roller
5	2	NL-112-1	Anchor Pin Lock Nut
6	2	1229-V-1504	Anchor Pin Washer
7	1	2205-P-1004	Anchor Pin Plate

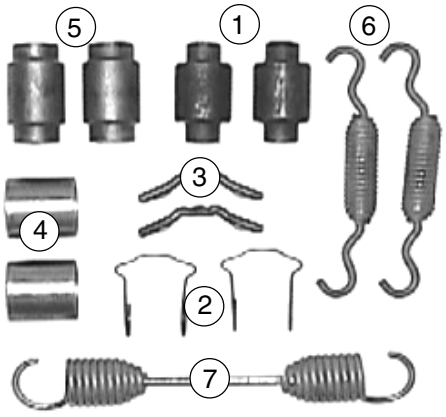
Replaces

Rockwell KIT 8029

K282
E-3869
8-1111

Use with 1011883 shoe

BRAKE SHOE REPAIR KITS



MERITOR 15" FRONT (STEERING)
"Q PLUS" BRAKE

ArvinMeritor™

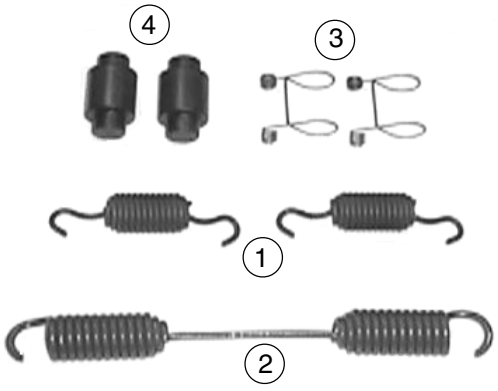
Part No. R508824

Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	2	1779-R-18	Brake Shoe Roller
2	2	3015-B-210	Roller Retainer
3	2	1218-G-85	Return Spring Pin
4	2	1225-B-496	Bushing, Anchor Pin
5	2	1259-N-274	Anchor Pin
6	2	2258-Q-615	Retaining Spring
7	1	2258-L-1234	Return Spring

Replaces

E-9064



EATON 16-1/2" ES
"EXTENDED SERVICE" BRAKE

ArvinMeritor™

Part No. R507057

Kit services one brake and consists of:

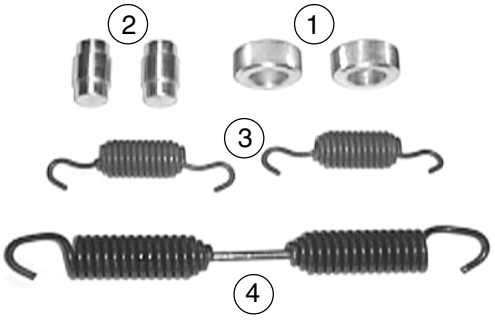
Item	Qty.	Part No.	Description
1	2	NL1085	Retainer Spring
2	1	NL1720	Return Spring
3	2	NL1722	Roller Retainer
4	2	NL1721	Roller

Replaces

Eaton 5-808330

E-5481-A

Use with
1011953 shoes



EATON 16-1/2"
SINGLE ANCHOR PIN BRAKE

FLEETCRAFT® QUALITY PARTS FOR THE TRUCKING INDUSTRY

Part No. NL1616

Kit services one brake and consists of:

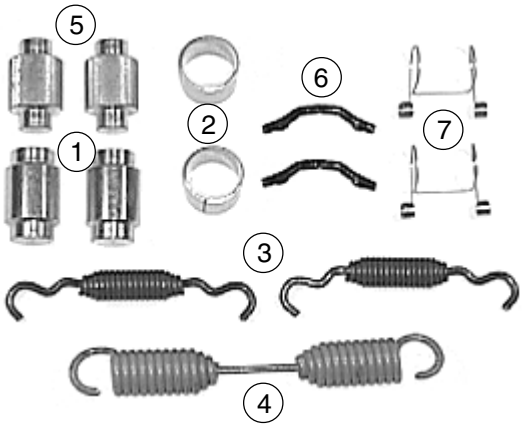
Item	Qty.	Part No.	Description
1	2	NL1027	Knurled Roller
2	2	NL1041	Roller Pin
3	2	NL1085	Retainer Spring
4	1	NL1089	Heavy Duty Return Spring

Replaces

Eaton 1001238

MK10
E-1887ASHD
08-1042

Use with
these shoes:
1011923
1011943



EATON "Top Spec" 16-1/2" ES
"EXTENDED SERVICE" BRAKE
RETROFIT FOR ROCKWELL

FLEETCRAFT® QUALITY PARTS FOR THE TRUCKING INDUSTRY

Part No. NL1687

Kit services one brake and consists of:

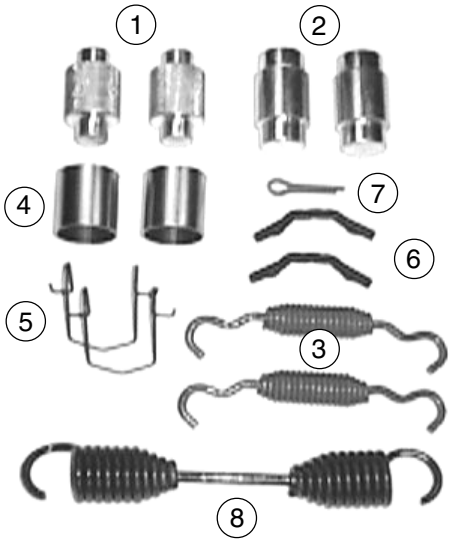
Item	Qty.	Part No.	Description
1	2	NL1005	Anchor Pin
2	2	NL1724	Stainless Bushing
3	2	NL1086	Retainer Spring
4	1	NL1723	Return Spring
5	2	NL1052	Knurled Roller
6	2	NL1212	Spring retainer
7	2	NL1722	Roller Retainer

Replaces

5-3319

E8925

BRAKE SHOE REPAIR KITS



FRUEHAUF PROPAR 16-1/2"
LATE "XEM" BRAKE

FLEETCRAFT® QUALITY PARTS FOR THE TRUCKING INDUSTRY

Part No. NL1624
Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	2	NL1030	Anchor Pin
2	2	NL1052	Knurled Roller
3	2	NL1086	Retainer Spring
4	2	NL1110	Bushing, Anchor Pin
5	2	NL1200	Roller Retainer
6	2	NL1212	Spring Retainer
7	1	NL1576	1/4" X 1" Cotter Pin
8	1	NL1578	Return Spring

Replaces

Fruehauf
ACC-001996-923
MK-42
E-3710S

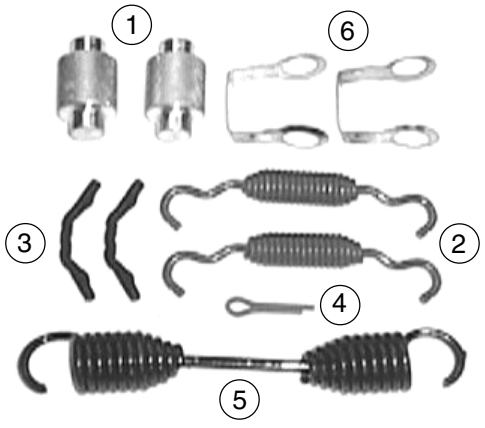
Use with
these shoes:
1011924
1011944

Part No. NL1624HD
Kit contains the same as NL1624 except:
1 NL1578 return spring is replaced with:

1	NL1084	Heavy Duty Return Spring

Replaces

MK-42
E-3710SHD



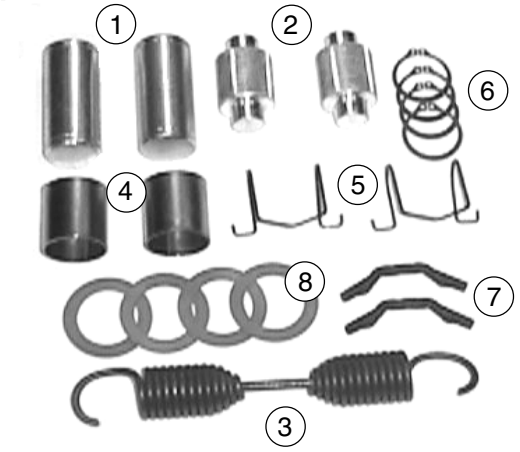
FRUEHAUF PROPAR 16-1/2"
LATE "XEM" BRAKE
Anchor pins and bushings not included in this kit.

FLEETCRAFT® QUALITY PARTS FOR THE TRUCKING INDUSTRY

Part No. NL1681
Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	2	NL1052	Knurled Roller
2	2	NL1086	Retainer Spring
3	2	NL1212	Spring Retainer
4	1	NL1576	1/4" X 1" Cotter Pin
5	1	NL1084	Return Spring
6	2	NL1202	Roller Retainer

Use with
these shoes:
1011924
1011944



UNIVERSAL KIT FOR EATON, FRUEHAUF, ROCKWELL, AND SPICER BRAKES

EUCLID

Part No. E-1816SHD
Kit services one brake and consists of:

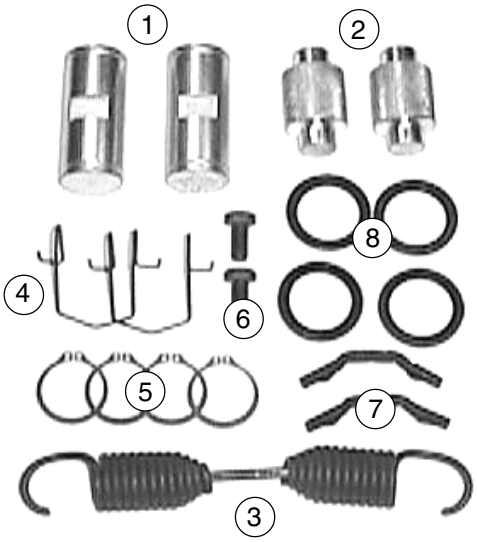
Item	Qty.	Part No.	Description
1	2	NL1002	Anchor Pin
2	2	NL1052	Knurled Roller
3	1	NL1078	Spring
4	2	NL1110	Bushing, Anchor Pin
5	2	NL1200	Roller Retainer
6	4	NL1205	Lock Ring
7	2	NL1212	Spring Retainer
8	4	NL1250	Washer

Replaces

MK-7
E-1816S

For fabricated
shoes

BRAKE SHOE REPAIR KITS



ROCKWELL 16-1/2" "P" SERIES BRAKE (CLOSED END SHOE)

Part No. KIT-4S

Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	2	NL1001	Anchor Pin
2	2	NL1052	Knurled Roller
3	1	NL1078	Return Spring
4	2	NL1200	Roller Retainer
5	4	NL1205	Lock Ring
6	2	NL1208	Screw, Anchor Pin
7	2	NL1212	Spring Retainer
8	4	NL1232	Seal

EUCLID

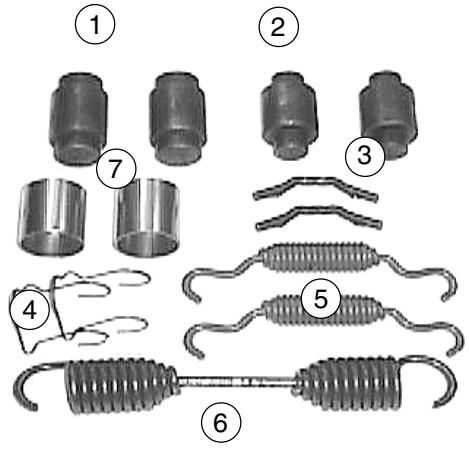
Replaces

MK-4

08-1038

KIT-4SHD

For closed end "P" Series Shoes



MERITOR 16-1/2" "Q", "Q PLUS" BRAKES

Part No. KIT8000HD ArvinMeritor

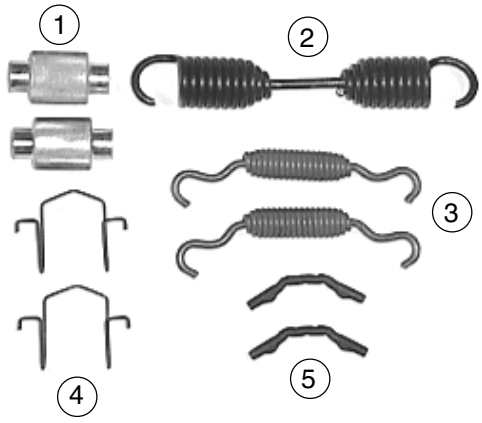
Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	2	1259-N-274	Anchor Pin
2	2	1779-R-18	Roller
3	2	1225-B-496	Anchor Pin Bushing
4	2	1218-G-85	Return Spring Pin
5	2	3105-B-210	Roller Retainer
6	1	2258-W-803	Return Spring
7	2	2258-Q-615	Retainer Spring

Replaces

E-2769HD

Use with these shoes:
1011921
1011941
1011951 series



ROCKWELL 16-1/2" "Q", "Q PLUS", SPICER "FAST CHANGE" BRAKES

Anchor pins and bushings not included in this kit.

FLEETCRAFT® QUALITY PARTS FOR THE TRUCKING INDUSTRY

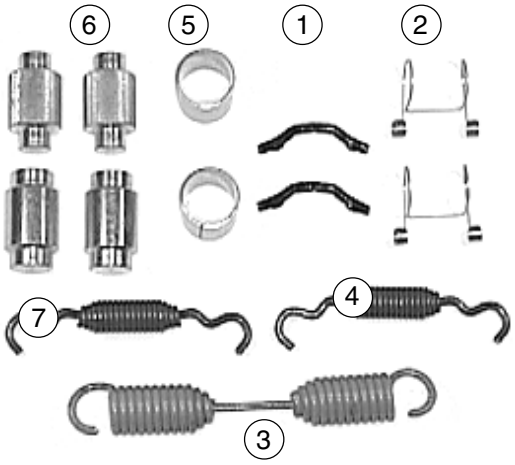
Part No. NL1680

Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	2	NL1052	Knurled Roller
2	1	NL1084	Heavy Duty Return Spring
3	2	NL1086	Retainer Spring
4	2	NL1200	Roller Retainer
5	2	NL1212	Spring Retainer

Use with these shoes:
1011921
1011941
1011951 series

BRAKE SHOE REPAIR KITS



ROCKWELL 16-1/2" "Q", "Q PLUS" and SPICER "FAST CHANGE" BRAKES

Part No. NL1621

FLEETCRAFT® QUALITY PARTS FOR THE TRUCKING INDUSTRY

Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	2	NL1005	Anchor Pin
2	2	NL1052	Knurled Roller
3	1	NL1578	Return Spring
4	2	NL1086	Retainer Spring
5	2	NL1110	Anchor Pin Bushing
6	2	NL1200	Roller Retainer
7	2	NL1212	Spring Retainer

Replaces
MK39
E2769S
08-1088

E2769S

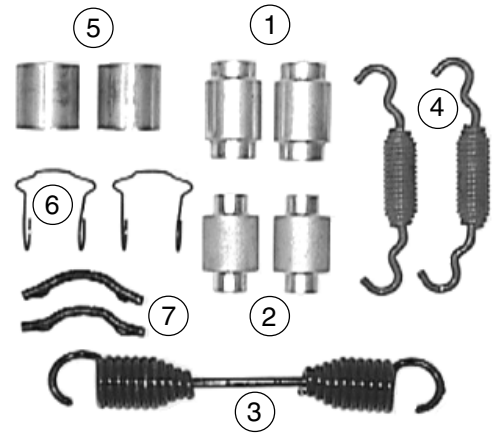
Part No. NL1621HD
Kit contains the same as NL1621 except 1 NL1578 return spring is replaced with:

1	NL1084	Heavy Duty Return Spring

Replaces
E2769SHD

Use with these shoes:
1011921
1011941
1011951 series

FLEETCRAFT® QUALITY PARTS FOR THE TRUCKING INDUSTRY



ROCKWELL 16-1/2" "Q", "Q PLUS" and SPICER "FAST CHANGE" BRAKES

FLEETCRAFT® QUALITY PARTS FOR THE TRUCKING INDUSTRY

Part No. NL1621HDS
Kit contains the same as NL1621HD except:
2 NL1145 stainless steel anchor pin bushings replace 2 NL1110 carbon steel anchor pin bushings.

2 NL1199 roller retainers replace 2 NL1200 roller retainers.

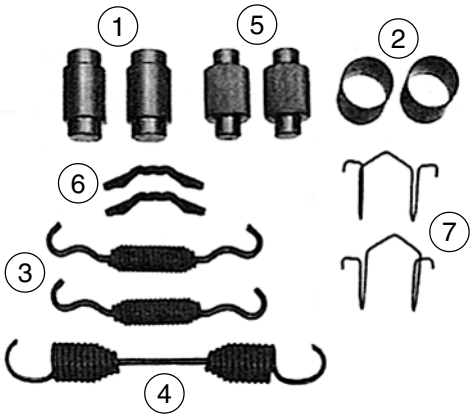
Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	2	NL1005	Anchor Pin
2	2	NL1052	Knurled Roller
3	1	NL1084	HD Return Spring
4	2	NL1086	Retainer Spring
5	2	NL1145	Stainless Anchor Pin Bushing
6	2	NL1199	Roller Retainer
7	2	NL1212	Spring Retainer

Replaces
E2769HD

Use with these shoes:
1011921
1011941
1011951 series

BRAKE SHOE REPAIR KITS



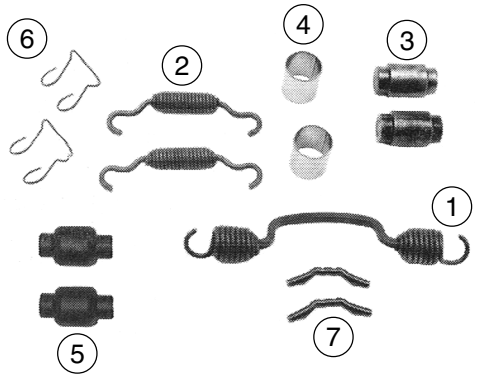
Rockwell 16-1/2" "Q", "Q Plus", Spicer (Dana) "Fast Change", "XLII" & Hendrickson Intraxx Brake

Part No. E-2769SHD

Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	2	E-2766	Anchor Pin
2	2	E-1893S	Anchor Pin Bushing
3	2	E-2767	Retainer Spring
4	1	E-3490S	HD Return Spring
5	2	E-2177	Knurled Roller
6	2	E-747	Spring Retainer
7	2	E539	Roller Retainer

Replaces Rockwell 8000, 8000HD, 8000A, 8000HDA

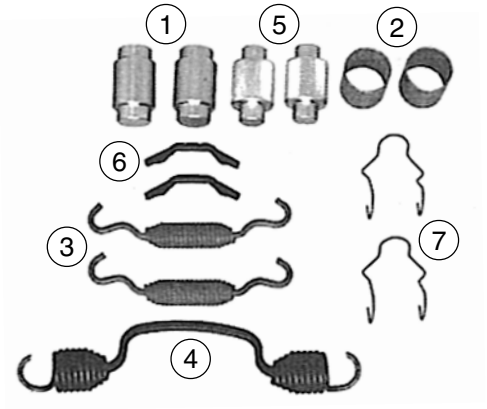


Meritor 16-1/2" Q Brake Repair Kit

Part No. KIT8081

Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	1	2258-Y-1273	Return Spring
2	2	2258-Q-615	Retainer Spring
3	2	1259-N-274	Anchor Pin
4	2	1225-B-496	Anchor Pin Bushing
5	2	2297-T-7222	Brake Shoe Roller
6	2	3105-B-210	Roller Retainer
7	2	1218-G-85	Return Spring Pin



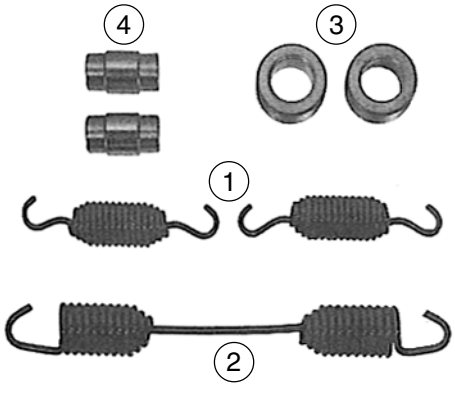
Rockwell 16-1/2" Steer Axle Brake

Part No. NL1690

Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	2	E-2766	Anchor Pin
2	2	E-1893	Stainless Steel Anchor Pin Bushing
3	2	E-2767	Retainer Spring
4	1	E-9069	Return Spring
5	2	E-2177	Knurled Roller
6	2	E-747	Spring Retainer Pin
7	2	E-3007A	Roller Retainer

Replaces KIT8081



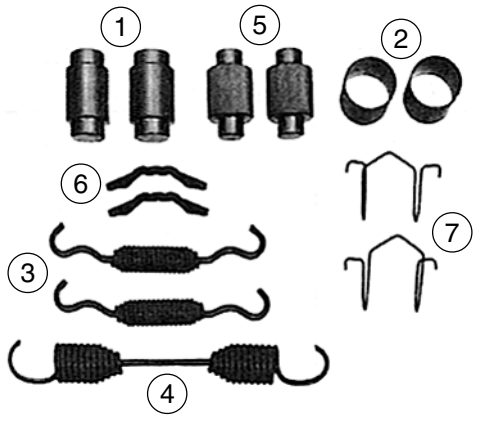
Eaton 16-1/2" Single Anchor Pin Brake Ford Special Application

Part No. NL1695

Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	2	E-1418	Retainer Spring
2	1	E-2475	Return Spring
3	2	E-2217A	Knurled Roller
4	2	E-596A	Roller Pin

BRAKE SHOE REPAIR KITS



Rockwell 16-1/2" "Q", "Q Plus", Spicer (Dana) "Fast Change", "XLII" & Hendrickson Intraxx Brake

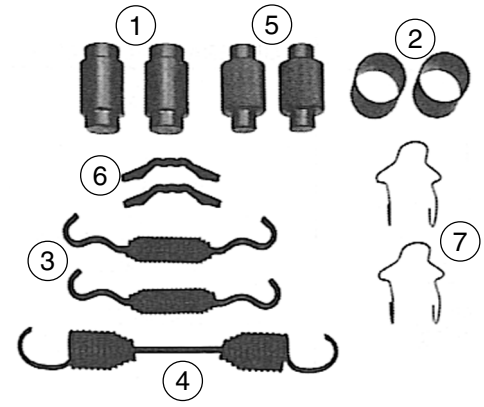
ArvinMeritor™

Part No. R508001

Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	2	E-2766	Anchor Pin
2	2	E-1893S	Anchor Pin Bushing
3	2	E-2767	Retainer Spring
4	1	E-3490S	HD Return Spring
5	2	E-2177	Knurled Roller
6	2	E-747	Spring Retainer
7	2	E539	Roller Retainer

Replaces Rockwell 8000, 8000HD, 8000A, 8000HDA



Rockwell 15" "Q", "Q Plus", Front Brake

ArvinMeritor™

Part No. R508824

Kit services one brake and consists of:

Item	Qty.	Part No.	Description
1	2	E-2766	Anchor Pin
2	2	E-1893	Anchor Pin Bushing
3	2	E-2767	Retainer Spring
4	1	E-9063	HD Return Spring
5	2	E-2177	Knurled Roller
6	2	E-747	Spring Retainer
7	2	E-3007A	Roller Retainer

Replaces Rockwell KIT8824HD

Other Kits Available

Part No.	Description
HK95XLS	Brake Hardware Kit with 15 x 4 & 16-1/2 x 5, 6, 7 w/ 14° wedge.
HK97XLS	Brake Hardware Kit with 15 x 4 w/ 4729 shoe.

SPICER®

DANA

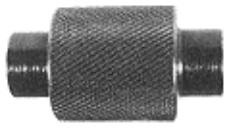
WE STOCK THE VERY BEST BRAKE HARDWARE KITS!

FLEETCRAFT® QUALITY PARTS FOR THE TRUCKING INDUSTRY

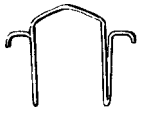
ArvinMeritor™

EUCLID

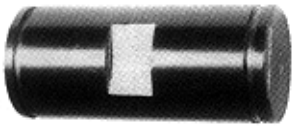
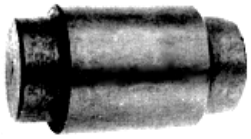
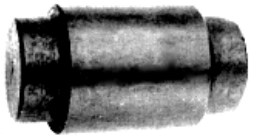
BRAKE SHOE ROLLERS

	Part No.	OD	ID	Center OD	OA Length	Application	Replaces
	**NL1052** Knurled Roller	1-1/4"			2-1/4"	General purpose roller	RS 1779R18 P & Q brakes M2204 01-234 E-2177
	E-781 Roller	1-3/8"			2-1/4"	1/8 oversize version of NL1050	Fruehauf 330733X RS 1779C81 T/M 46-1-031 M596A, 1-201 E-781, L294
	NL1027 Roller	1-5/8"	15/16"		25/32"	Eaton single anchor pin truck brakes, 501 series trailer brakes. Use with NL1041 roller pin.	Eaton 2-2108, 39074 Ford B5QH2395A GM 2326940 Navistar 142918R1 M592, 1-217, E-595, L250
	NL1041 Roller Pin	13/16"		59/64"	2-5/32"	Eaton Single anchor pin truck brake, 501 series trailer brake. Use with NL1027 roller.	Eaton 2-2260, 39075 Ford B5QH2045A, GM 2326941, Navistar 142918R1 M612, 1-162, E-596A, L251

ROLLER RETAINERS

	Part No.	Length	Width	Application	Replaces
	NL1199 Roller Retainer	1-41/64"	1-7/8"	16-1/2" Q & Q Plus Brake shoes	Rockwell 3105-B-210 M1433, 1-313, E-3007A, L1537
	**NL1200** Roller Retainer	2-5/32"	2-9/32"	All sizes of "P" type Brake shoes	Rockwell 1718-Y-103 M644,1-300, E-539, L151
	NL1202 Roller Retainer			"P" type Brake shoes	Fruehauf ACF-1328-001 M1428, 1-311, E-3227, L894

ANCHOR PINS

	Part No.	Length	Diameter	Application	Replaces (FLEETCRAFT®)
	**NL1001** Anchor Pin	2-7/8"	1-1/4"	Rockwell & Fruehauf brake shoes.	Rockwell 1259-Q-251, Fruehauf 330673 Mack 3015M-86 Navistar 126403R1 GMC 2295423 M620, E-512, 1-4402, L152
	**NL1005** Anchor Pin	2-7/32"	Center 1-1/4" Ends 1"	Rockwell Q & Dana/Spicer "Fast Change"	Rockwell 1259-N-274, Spicer M16WJ105 M1422, E2766, 01-434, L1416
	**NL1030**	2-3/8"	Center 1-1/4" Ends 1-1/16"	Fruehauf "XEM" brake	Fruehauf ACF-3378-001 M2748, E3711, L2364

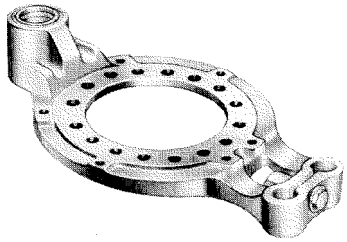
ANCHOR PIN LOCKING RINGS AND RETAINERS

	Part No.	I.D.	Thick	Application	Replaces
	NL1205 Snap Ring	1-1/8"	1/16"	For 1-1/4" anchor pins	M1523, E801, 01-482, L397
	NL1250 Washer	1-7/8" OD	1-17/64" ID	For 1-1/4" anchor pins	Rockwell 1229-B-1848 M748, E1113, 04-309, L889

BRAKE SHOE SPRING RETAINER

	Part No.	Length	Application	Replaces (FLEETCRAFT®)
	NL1212	2-3/4"	For most fab shoes.	Rockwell 1218-G-85 Spicer M16WJ102 Eaton 809512 M1500, E-747, 1-320, L324

CAST BOLT-ON BRAKE SPIDER



Part No.
E-957

EUCLID

Description
For 16-1/2" diameter brakes; with adjustable anchor pin holes for easy anchor pin removal. 5-5/8" diameter pilot hole, 16 holes for 1/2" diameter bolts. Complete with nylon bushing installed.

Replaces
Replaces spiders on models of Rockwell, Eaton, and Standard Forge axles.
M737, E-957, 2-132, L517

BRAKE SHOE RETURN SPRINGS

FLEETCRAFT® QUALITY PARTS FOR THE TRUCKING INDUSTRY

	Part No.	Length I.D.	Coil O.D.	Application	Replaces
	NL1078	8"	1-1/8"	Rockwell "P" brake, most closed end shoes. Standard duty.	Rockwell 2258-P-354 Fruehauf 219310 Spicer M10WJ135 Navistar 62322R1 M548, E545A, 1-354, L179
	NL1578	8-3/8"	1-1/8"	Rockwell "Q" brakes standard duty	Rockwell 2258-U-619 Fruehauf XEM M1424, E2768, 01-369, L1418
	NL1084	8-3/8"	1-1/4"	Rockwell "Q" & "Q Plus" brakes, Fruehauf XEM, heavy duty.	Rockwell 2258-W-803 Fruehauf XEM M2732, E-3490B, 1-369, L2098
	NL1083	10-3/4"	1-5/32"	Eaton 501 double anchor pin brake, standard duty.	Eaton 2-2122 1003817 M2752, E-2785, 1-356, L1630
	NL1089	10-13/16"	1-1/8"	Eaton single anchor pin brake, heavy duty.	Eaton 810292 78580 M1014, E1428A, 1-349, L835

BRAKE SHOE RETAINER SPRINGS

	NL1085	4-17/32"	1"	Eaton 16-1/2" single anchor pin brakes.	Eaton 70326 2-2123 M844, E-1418, 1-348, L967
	NL1086	5-1/2"	3/4"	Rockwell 12-1/4" & 16-1/2" diameter "Q" & "Q Plus", Fruehauf and Spicer brakes.	Rockwell 2258-Q-615 Fruehauf ACF-003079-001 M1423, E-2767, 1-370, L1417

TYPICAL CAMSHAFT INDENTIFICATION

LH Cam RH Cam

Typical Cam Identification

Identify cams by viewing from head end. LH cams rotate left, or counter clockwise, RH cams rotate right, or clockwise.

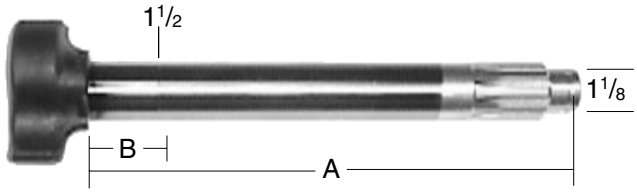
Cams are identified for reference as shown at left; however some applications require special chamber and cam positions, which may change cam rotation. When replacing, check carefully!

THE CAMSHAFT LISTING STARTS ON THE FOLLOWING PAGES!

DRIVE AXLE BRAKE CAMSHAFTS

1-1/2" DIAMETER 10 SPLINE CAMS FOR DRIVE AXLES

FOR EATON 16 1/2" BRAKES

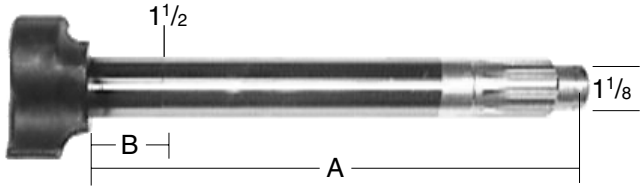


Cam Kit No: NL1227

Part No.		A	B	Application Information
R607016	LH	11 1/2"	1 21/32"	Eaton 70306, Navistar 385957C1, M1571L, E-1776, 04-264, L1203
R607015	RH			Eaton 70307, Navistar 385958C1, M1571R, E-1775, 04-265, L1202

1-1/2" DIAMETER 10 SPLINE CAMS FOR DRIVE AXLES

FOR EATON 16 1/2" DRIVE AXLES WITH "EXTENDED SERVICE" (ES) BRAKES
Caution: Use only with "ES" brakes

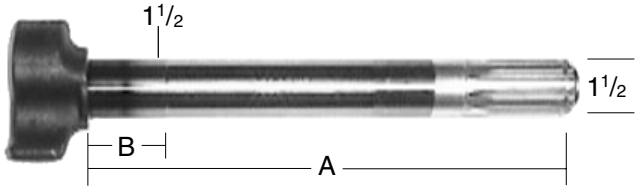


Cam Kit No: E-5501

Part No.		A	B	Application Information
E-5492	LH	11 1/2"	1 3/4"	Eaton 806526
E-5493	RH			Eaton 806527

1-1/2" DIAMETER 10 SPLINE CAMS FOR DRIVE AXLES

FOR ROCKWELL DRIVE AXLES WITH 16 1/2" STANDARD BRAKES



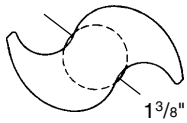
Cam Kit No: NL1225

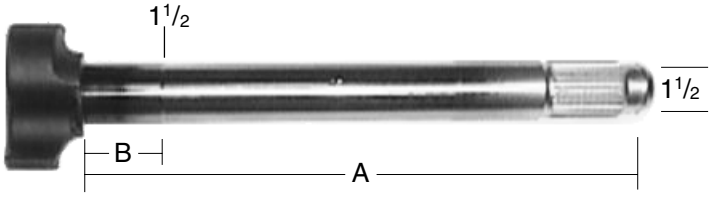
Part No.		A	B	Application Information
R607076	LH	11 1/2"	1 3/4"	Rockwell 2210-D-5360, 2210-P-2980, M743L, E-1148, 4-147
R607075	RH			Rockwell 2210-C-5359, 2210-Q-2981, M743R, E-1147, 4-146

1-1/2" DIA. 28 SPLINE CAMS FOR TRUCKS & TRACTORS

WITH ROCKWELL 16 1/2" "Q PLUS" BRAKES

ArvinMeritor™



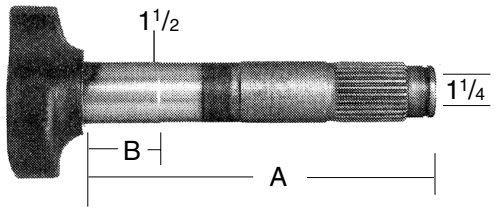


Cam Kit No: E-3993

Part No.		A	B	Application Information
2210C7595	LH	13 7/32"	1 13/16"	Rockwell 2210-A-6995, E9671,
2210B7594	RH			Rockwell 2210-Z-6994, E-9672

DRIVE AXLE BRAKE CAMSHAFTS

1-1/2" DIAMETER, 28 SPLINE CAMS FOR ROCKWELL DRIVE AXLES 16-1/2" "Q-PLUS" BRAKES

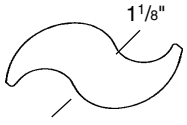


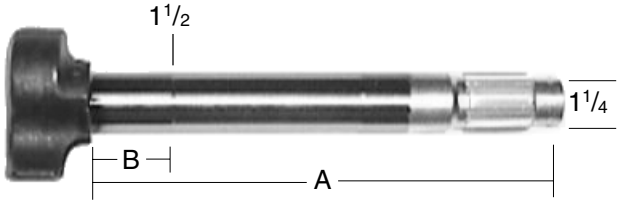
Cam Kit No: E-3993B

Part No.		A	B	C	Application Information
2210W7537	LH	11 9/16"	1 13/16"	-	Rockwell 2210B5332, 2210I5368, 2210A6943, E-9661
2210V7536	RH				Rockwell 2210A5331, 2210K5367, 2210Z6942, E-9662
2210A7645	LH	14 19/32"	1 13/16"	-	Rockwell 2210L5446, E-9677
2210Z7644	RH				Rockwell 2210K5455, E-9678

1-1/2" DIA. 28 SPLINE CAMS FOR DRIVE AXLES

FOR MERITOR 16 1/2" "Q" & "Q-PLUS" BRAKES





*Please Note
These Part No.'s are not for Q+ brakes

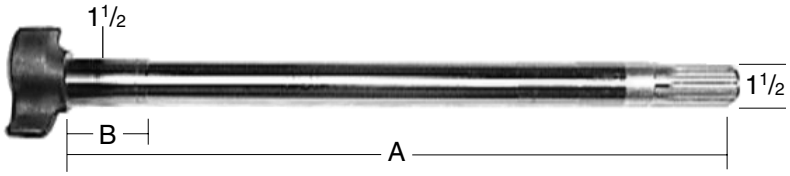
Cam Kit No: E-3993B

Part No.		A	B	Application Information
2210Q7427	LH	8 9/16"	1 13/16"	Rockwell 2210-F-5440, E-4896, 04-460852
2210P7426	RH			Rockwell 2210-E-5439, E-4897, 04-460851
2210J7524	LH	10 7/32"	1 13/16"	Rockwell 2210-V-5326S, E-3349, 04-461122
2210H7522	RH			Rockwell 2210-U-5325, E-3350, 04-461121
NL1304*	LH	11 9/16"	1 13/16"	Rockwell 2210-B-5332, 2210-L-5368, E-3351, 04-461152
NL1305*	RH			Rockwell 2210-A-5331, 2210-K-5367, E3352, 04-461151
NL1946	LH	13 7/32"	1 13/16"	Rockwell 2210-D-5334, E-4731, 04-461332
NL1947	RH			Rockwell 2210-C-5333, E-4730, 04-461331
2210L7838	LH	13 7/16"	1 13/16"	Rockwell 2210-N-5396, E-4733, 04-461352
2210K7837	RH			Rockwell 2210-M-5395, E-4732, 04-461351
E-9675	LH	14 3/32"	1 13/16"	Rockwell 2210-N-5370, 04-461422
E-9676	RH			Rockwell 2210-M-5369, 04-461421
E-9681	LH	15 3/16"	1 13/16"	Rockwell 2210L5784, 2210A7671, 2210Y7071
E-9682	RH			Rockwell 2210K5783, 2210Z7670, 2210X7070

TRAILER BRAKE CAMSHAFTS-VARIOUS APPLICATIONS

1-1/2" DIAMETER, 10 SPLINE CAMS FOR TRAILER AXLES

SINGLE GROOVE
FOR 16 1/2" BRAKES
Various Applications

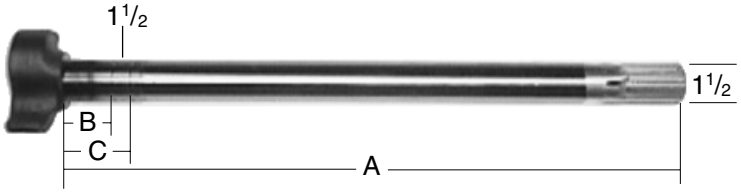


Cam Kit No: NL1238

Part No.		A	B	Application Information
E-685	LH	21 3/32"	2 7/32"	Rockwell 2210-U-2491, Eaton B-1691-17, Fruehauf 305680, Spicer M16WK103-19 M567L, 04-572112
E-684	RH			Rockwell 2210-T-2490, Eaton B-1691-18, Fruehauf 305681, Spicer M16WK102-19 M567R, 04-572111
E-4884	LH	22 7/8"	2 7/32"	Dana 16408, Rockwell 2210-A-6345, 04-572302
E-4885	RH			Dana 16407, Rockwell 2210-Z-6344, 04-572301
R607042	LH	24"	2 7/32"	Dana 16396, Eaton 820084, Rockwell 2210-D-6400S, M746L, E-4717, 04-572412
R607041	RH			Dana 16395, Eaton 820083, Rockwell 2210-C-6399S M746R, E-4716, 04-572411
E-2797	LH	24 3/8"	2 7/32"	Spicer M16WK111-12, Std. Forge 202100-245L M2601L, 04-572442
E-2796	RH			Spicer M16WK110-12, Std. Forge 202100-245R M2601R, 04-571441

1-1/2" DIAMETER, 10 SPLINE CAMS FOR TRAILER AXLES

DOUBLE GROOVE
FOR 16 1/2" BRAKES
Various Applications

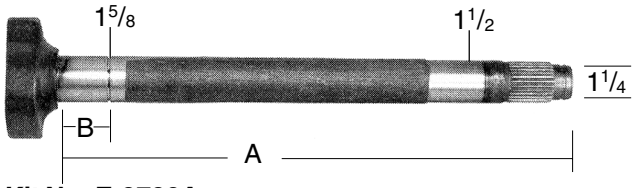


Cam Kit No: NL1238

Part No.		A	B	C	Application Information
NL1318 R607082	LH	20 3/8"	2 7/32"	1 5/8"	Rockwell 2210-N-2484, 2210-G-3595, 2210-F-5414 Fruehauf 219316, 580443 Spicer M16WK103-17 Std. Forge 202100-205L Trailmobile 7-5-64L M562L, E1425, 04-243, L915
NL1319 R607081	RH				Rockwell 2210-M-2483, 2210-F-3594, 2210-E-5413 Fruehauf 219317, 580444 Spicer M16WK102-17 Std. Forge 202100-205R, Trailmobile 7-5-64R M562R, E-1424, 4-242, L914
NL1326	LH	23 7/16"	2 5/16"	2 7/32"	Eaton B-1691-25, Std. Forge 202100-236L Spicer M16WK103-25, M744L, E-1095, 4-104, L580
NL1327	RH				Eaton B-1691-26, Std. Forge 202100-236R Spicer M16WK102-25, M744R, E-1094, 4-105, L581

DANA SPICER XL BRAKE CAMSHAFTS

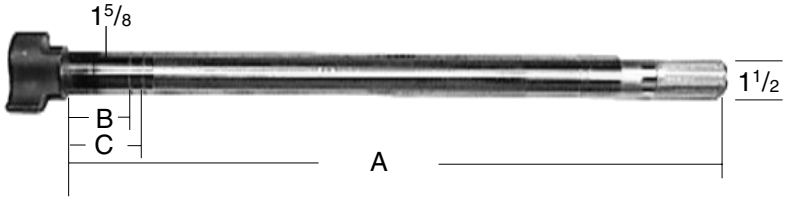
1-5/8" DIAMETER, 28 SPLINE CAMS FOR DANA SPICER XL TRAILER AXLE 16-1/2" BRAKES w/ 1-5/8 BEARING JOURNAL



Cam Kit No: E-9790A

Part No.		A	B	C	Application Information
NL1966	LH	24 1/8"	2 1/4"	-	M16WKL25-241
NL1967	RH				M16WKR25-241
17-923	LH	21 5/8"	2 1/4"	-	-
17-922	RH				-
NL1956	LH	23 9/16"	2 7/32"	-	Spicer M16WKL25-236
NL1957	RH				Spicer M16WKR25-236

1-1/2" DIAMETER, 28 SPLINE CAMS FOR DANA SPICER XL TRAILER AXLE 16-1/2" BRAKES DOUBLE GROOVE 1-5/8 JOURNAL

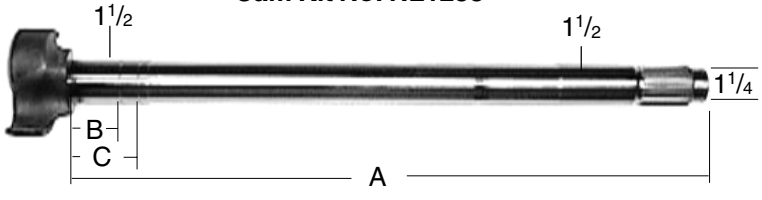


Cam Kit No: E-9790A

Part No.		A	B	C	Application Information
17-931	LH	24 1/8"	1 5/8"	2 7/32"	M16WKL25-242
17-930	RH				M16WKR25-242
E-10909	LH	24 1/8"	1 5/8"	2 7/32"	M16WKL25-242
E-10910	RH				M16WKR25-242

1-1/2" DIAMETER, 28 SPLINE CAMS FOR SPICER TRAILER AXLES 16-1/2" "XTRALIFE" BRAKES w/ DOUBLE GROOVE JOURNAL

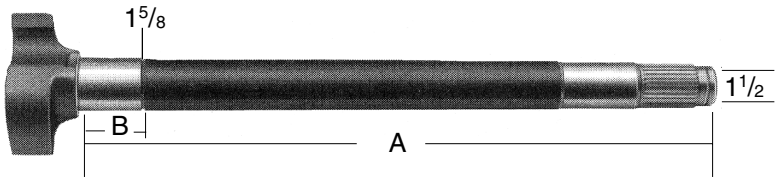
Cam Kit No: NL1238



Part No.		A	B	C	Application Information
NL1378	LH	20 7/16"	1 1/2"	2 7/32"	Spicer M16WKL20-205, E-5524, 04-602042
NL1379	RH				Spicer M16WKR20-205, E-5525, 04-602041
NL1380	LH	23 9/16"	1 1/2"	2 7/32"	Spicer M16WKL20-236, E-5526, 04-602352
NL1381	RH				Spicer M16WKR20-236, E-5527, 04-602351
NL1920	LH	24 1/16"	1 1/2"	2 7/32"	Spicer M16WKL20-242, E-9100, 04-602412
NL1921	RH				Spicer M16WKR20-242, E-9101, 04-602411

EATON, FRUEHAUF, HENDRICKSON, BRAKE CAMSHAFTS

1-1/2" DIAMETER, 28 SPLINE CAMS FOR EATON TRAILER AXLES 16-1/2" ES BRAKES

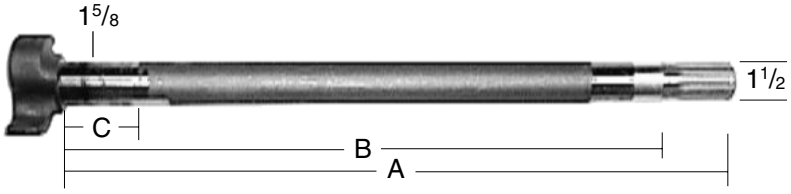


Cam Kit No: NL1277

Part No.		A	B	C	Application Information
R607113	LH	23 3/4"	2 5/32"	-	Eaton 810025, E-9059
R607114	RH				Eaton 810026, E-9060

1-1/2" DIAMETER, 10 SPLINE CAMS FOR EATON TRAILER AXLES

FOR "ES" "EXTENDED SERVICE" 16 1/2" BRAKES

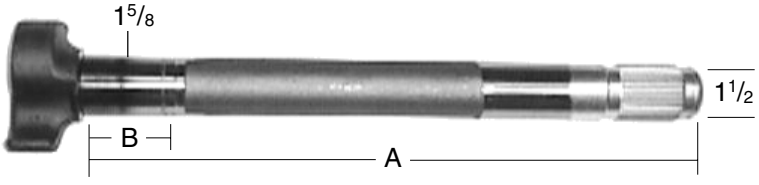


Cam Kit No: NL1277

Part No.		A	B	C	Application Information
NL1944	LH	23 3/4"	21 7/16"	2 5/32"	Eaton 806654, E-5496, 04-732362
NL1945	RH				Eaton 806655, E-5497, 04-732361

1-5/8" DIAMETER, 37 SPLINE CAMS FOR FRUEHAUF TRAILER AXLES

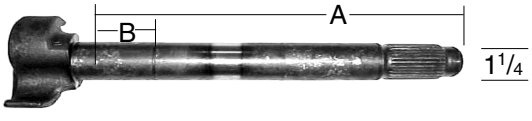
16 1/2" BRAKES



Cam Kit No: NL1228

Part No.		A	B	Application Information
NL1334	LH	16 1/8"	2 5/32"	Fruehauf AXA-0420-1, M563L, E-1563, 04-811622
NL1335	RH			Fruehauf AXA-0420-2, M563R, E-1564, 04-811621
NL1337	LH	21 1/8"	2 5/32"	Fruehauf AXA-0420-3, M566L, E-2099, 04-812122
NL1336	RH			Fruehauf AXA-0420-4, M566R, E-2100, 04-812121
E-3861	LH	23 7/8"	2 7/32"	Fruehauf AXA-0420-6
E-3862	RH			Fruehauf AXA-0420-5

1-1/2" DIAMETER, 28 SPLINE CAMS FOR HENDRICKSON INTRAAX



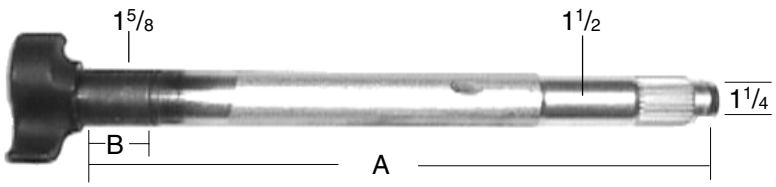
Cam Kit No: S23974

Part No.		A	B	C	Application Information
S24636-1L	LH	11 "	2 7/16"	-	Hendrickson Intraax
S24636-1R	RH				Hendrickson Intraax

ROCKWELL, SPICER AXLE BRAKE CAMSHAFTS

1-1/2" DIAMETER, 28 SPLINE CAMS FOR ROCKWELL TRAILER AXLES WITH "Q+" BRAKES

16 1/2" DIAMETER FABRICATED SPIDER

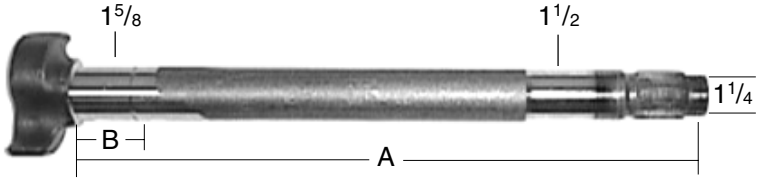


Cam Kit No: NL1417

Part No.		A	B	Application Information
NL1938	LH	17 5/16"	2 5/64"	Rockwell 2210-V-6574, E-9091, 04-911732, E5506
NL1939	RH			Rockwell 2210-U-6573, E-9092, 04-911731, E5507
NL1964	LH	20 13/32"	2 5/64"	Rockwell 2210-P-6594, E-9093, 04-912042, E5508
NL1965	RH			Rockwell 2210-N-6592, E-9094, 04-912041, E5509
NL1940	LH	24 1/16"	1 31/32"	Rockwell 2210-X-6576, E-6081, 04-912422, E5510
NL1941	RH			Rockwell 2210-W-6575, E-6082, 04-912421, E5511
2210E6869	LH	24 1/16"	1 31/32"	Rockwell 2210-X-6576, E-6081, 04-912422, E5510
2210D6868	RH			Rockwell 2210-W-6575, E-6082, 04-912421, E5511

1-1/2" DIAMETER, 28 SPLINE CAMS FOR ROCKWELL TRAILER AXLES 4000-6000 SERIES

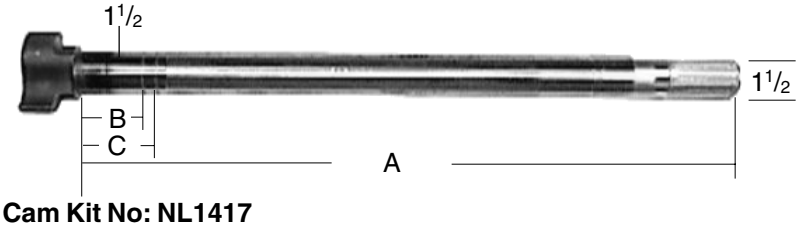
16 1/2" BRAKES



Cam Kit No: NL1280

Part No.		A	B	Application Information
NL1958	LH	17 5/16"	1 25/32"	Rockwell 2210-M-4329, M990L, E-2441A, 04-891732
NL1959	RH			Rockwell 2210-L-4328, M990R, E-2442A, 04-891731
NL1961	LH	20 13/32"	1 25/32"	Rockwell 2210-R-4334, M991L, E-2443A, 04-892042
NL1960	RH			Rockwell 2210-Q-4333, M991R, E-2444A, 04-892041
NL1962	LH	24 1/16"	1 25/32"	Rockwell 2210-P-4332
NL1963	RH			Rockwell 2210-P-4330
E-2445A	LH	24 1/16"	1 25/32"	Rockwell 2210-P-4332
E-2446A	RH			Rockwell 2210-P-4330

1-1/2" DIAMETER, 10 SPLINE CAMS FOR SPICER TRAILER AXLES 12-1/4" BRAKES

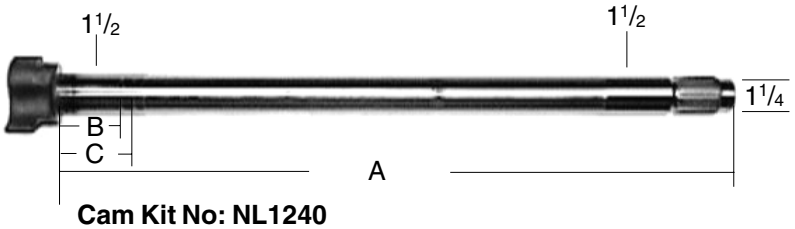


Cam Kit No: NL1417

Part No.		A	B	C	Application Information
R607006	LH	21 1/8"	2 7/32"	2 21/32	Spicer M12WK107-6, Std. Forge 202103-213LH, M477L, E-1411, 04-612122
R607005	RH				Spicer M12WK106-6, Std. Forge 202103-213RH, M477R, E-1410, 04-612121
R607010	LH	23 1/4"	2 7/32"	2 21/32	Spicer M12WK101-17, Std. Forge 202103-233LH, M748L, E-1423, 04-612322
R607009	RH				Spicer M12WK100-17, Std. Forge 202103-233RH, M748R, E-1422, 04-612321

SPICER TRAILER AXLE BRAKE CAMSHAFTS

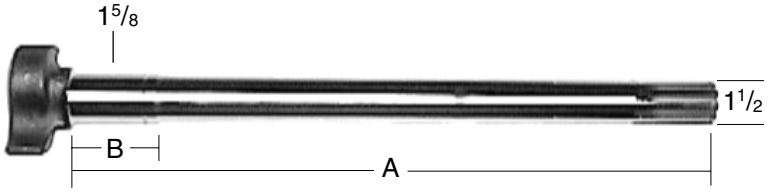
1-1/2" DIAMETER, 28 SPLINE CAMS FOR SPICER TRAILER AXLES 12-1/4" BRAKES DOUBLE GROOVE



Cam Kit No: NL1240

Part No.		A	B	C	Application Information
NL1952	LH	23 3/16"	2 7/32"	2 21/32"	Spicer M12WKL20-233, E-9759
NL1953	RH				Spicer M12WKR20-233, E-9760

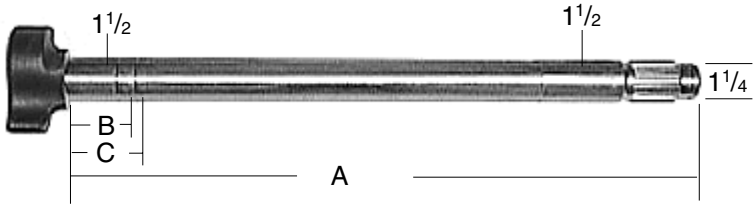
1-1/2" DIAMETER, 28 SPLINE CAMS FOR SPICER TRAILER AXLES 12-1/4" Q BRAKES w/ 1-5/8" Bearing Journal



Cam Kit No: E-10948

Part No.		A	B	Application Information
17-481	LH	23 3/16"	2 1/4"	Dana Spicer M12WKL25-233
17-480	RH			Dana Spicer M12WKR25-233
17-417	LH	23 3/16"	2 1/4"	Dana Spicer M12WKL25-233
17-416	RH			Dana Spicer M12WKR25-233

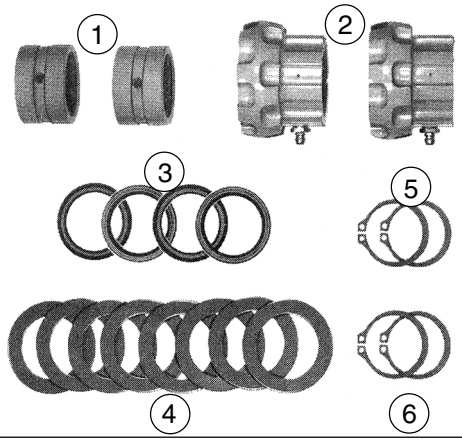
1-1/2" DIAMETER, 28 SPLINE CAMS FOR SPICER TRAILER AXLES 16-1/2" BRAKES



Cam Kit No: NL1238

Part No.		A	B	C	Application Information
R607169	LH	20 3/8"	1 5/8"	2 7/32"	Spicer M16WK105-17, E-3854, 04-582042
R607170	RH				Spicer M16WK104-17, E-3855, 04-582041
NL1916	LH	23 7/16"	1 5/8"	2 7/32"	**R607171**, Spicer M16WK104-25, E-3856, 04-582352
NL1917	RH				**R607172**, Spicer M16WK105-25, E-3857, 04-582351
R607189	LH	22 7/8"	1 5/8"	2 7/32"	Spicer M16WK104-23, E-6884, 04-582272
R607190	RH				Spicer M16WK105-23, E-6885, 04-582271

CAMSHAFT REPAIR KITS



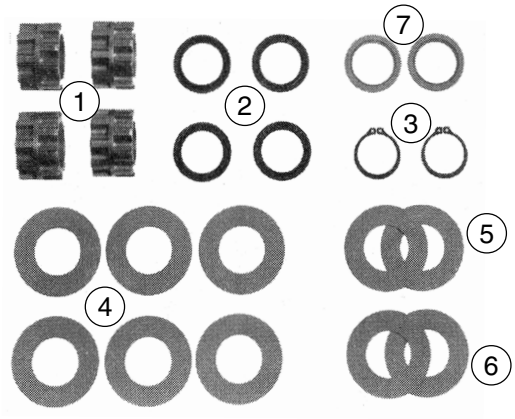
Late Model Eaton Trailer Axle Brake Kit With '501" Series Brakes, & 'ES" Brakes with 'Long Life" Cam Support Bushings

Part No. E-2123

Item	Qty.	Part No.	Description
1	2	E-536	Bushing
2	2	E-1385	Bushing
3	4	E-1416	Seal
4	8	E-580	Washer
5	2	E-1569	Lock Ring
6	2	E-526	Lock Ring

Replaces

Eaton
1008347
FLEETCRAFT
NL1226

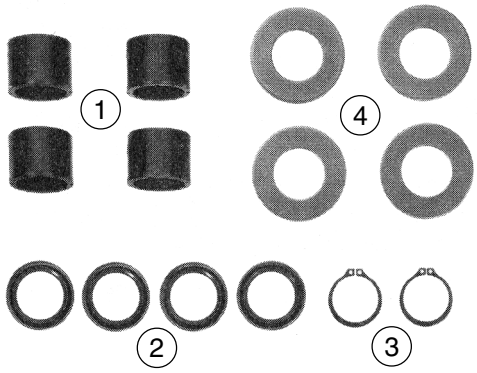


Rockwell 15" Diameter 'T" Series Brakes With 1-1/4" Diameter Camshaft

Part No. E-3446

Item	Qty.	Part No.	Description
1	4	E-3447	Bushing
2	4	E-3469	Seal
3	2	E-5093	Lock Ring
4	6	E-3471	Washer
5	2	E-3476	Washer
6	2	E-3475	Washer
7	2	E-3474	Washer

Replaces
13-002-156



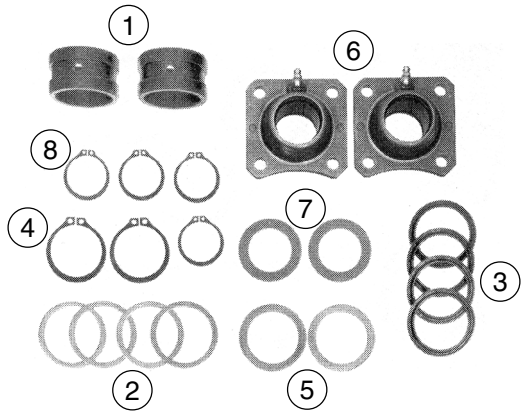
Rockwell Steering Axles With 15" 'Q" Series Brakes

Part No. E-3876

Item	Qty.	Part No.	Description
1	4	E-3877	Bushing
2	4	E-3878	Seal
3	2	E-9076	Lock Ring
4	4	E-3476	Washer

Replaces

(2) Rockwell
KIT 8022



Late Model Rockwell 4000-6000 Series Trailer Axles. With 1-5/8" Dia. Cams

Part No. E-3989AHD

Item	Qty.	Part No.	Description
1	2	E-2690A	Bushing
2	4	E-2411A	Washer
3	4	E-3991	Seal
4	2	E1569	Lock Ring
5	2	E-564	Washer
6	2	E-1318AHD	Support Assem.
7	2	E-1113	Washer
8	2	E-801	Lock Ring
9	2	E-5093	Lock Ring

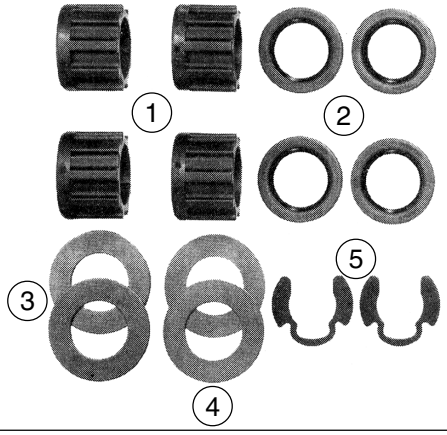
Replaces

FLEETCRAFT
NL1280

Euclid
E-3520AHD

(2) Rockwell
KIT 8058

CAMSHAFT REPAIR KITS



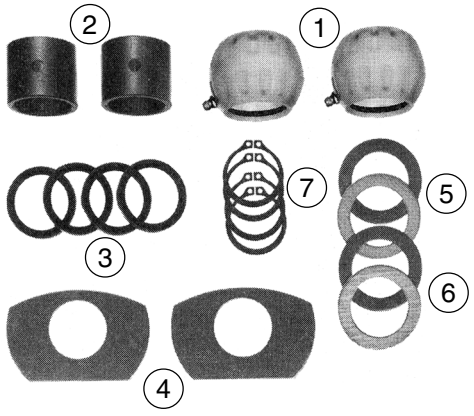
Eaton 15"x 4" Single Anchor Pin Front Axle Brake

Part No. E-5140

Item	Qty.	Part No.	Description
1	4	E-5127	Bushing
2	4	E-5128	Seal
3	2	E-5137	Inner Washer
4	2	E-5138	Outer Washer
5	2	E-3234	Lock Ring

Replaces

Eaton
1008325

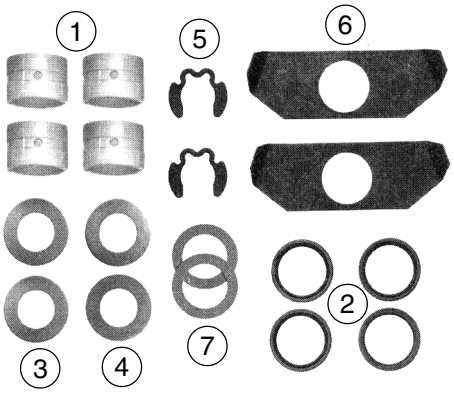


Dana Spicer 12-1/4" "U" Brake

Part No. E-5307

Item	Qty.	Part No.	Description
1	2	E-2102	Bushing
2	2	E-807	Bushing
3	4	E-1416A	Seal
4	2	E-2409	Washer
5	2	E-580	Washer
6	2	E-2404	Washer
7	4	E-526	Lock Ring

Replaces

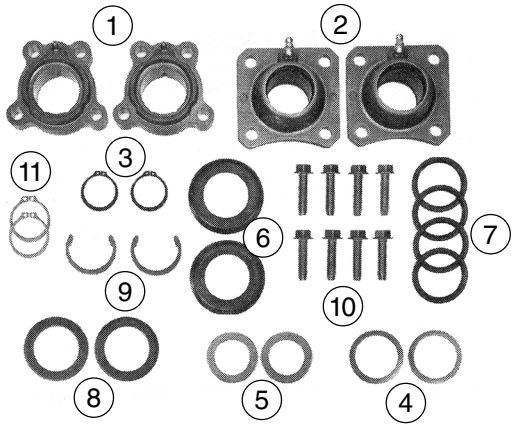


Dana Spicer 12-1/4" "U" Brake

Part No. E-5501

Item	Qty.	Part No.	Description
1	4	E-536	Bushing
2	4	E-1416	Seal
3	2	E-1781	Washer
4	2	E-1782	Washer
5	2	E-3234	Lock Ring
6	2	E-5482	Washer
7	2	E-580	Washer

Replaces
Eaton 127808



Rockwell "Q" & "Q PLUS" Trailer Axle Brakes

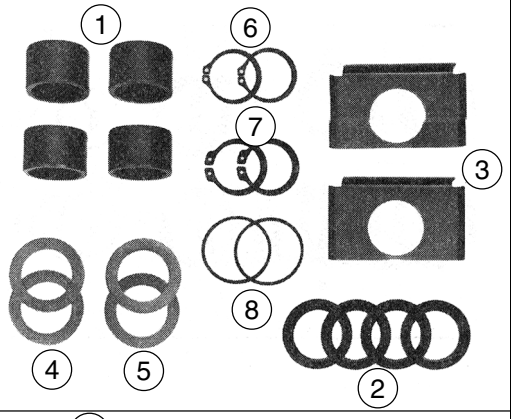
Part No. E-9079HD

Item	Qty.	Part No.	Description
1	2	E-6076	Bushing
2	2	E-1318AHD	Support Assem.
3	2	E-5093	Lock Ring
4	2	E-1113	Washer
5	2	E-564	Washer
6	2	E-6077	Outer Washer
7	4	E-2405	Seal
8	2	E-9072	Inner Washer
9	2	E-9077	Lock Ring
10	8	Attaching Screws	
11	2	E-801	Lock Ring

Replaces

FLEETCRAFT
NL1417

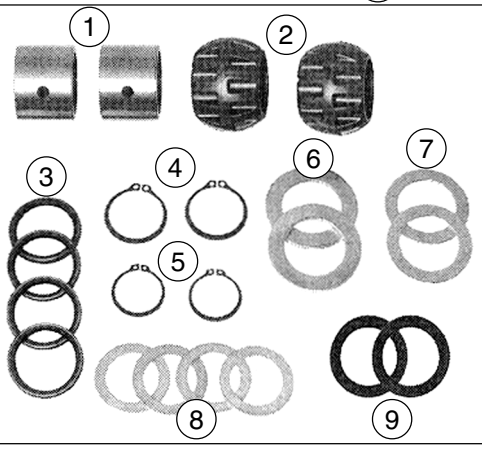
CAMSHAFT REPAIR KITS



ROCKWELL "P" & "Q" Drive Axle Brakes
With 2-1/2" Spider Offset

Part No. E-9080

Item	Qty.	Part No.	Description
1	4	E-5512	Bushing
2	4	E-654	Seal
3	2	E-9071	Washer
4	2	E-580	Washer
5	2	E-581	Washer
6	4	E-526	Lock Ring
7	2	E-4736	Lock Ring
8	2	E-3859	Gasket

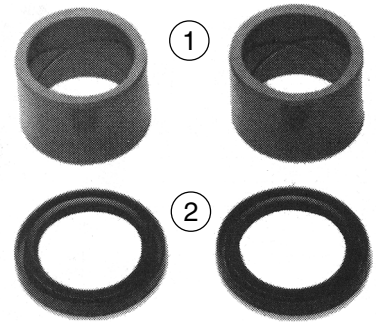


Dana Spicer 16-1/2" Brake
With 1-5/8" Cam Journal

Part No. E-9790A

Item	Qty.	Part No.	Description
1	2	E-9789	Bronze Bushing
2	2	E-9792	Bushing
3	4	E-2405	Seal
4	2	E-526	Lock Ring
5	2	E-801	Lock Ring
6	2	E-719	Washer
7	2	E-580	Washer
8	4	E-1113	Washer
9	2	E-2409	Washer

Replaces
08-132800

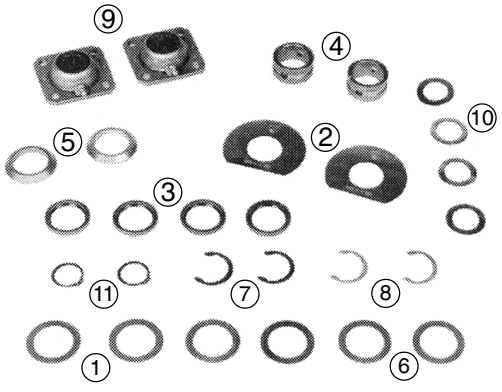


Meritor 16-1/2" "P" & "Q" Brakes

Part No. KIT8032

Item	Qty.	Part No.	Description
1	2	1225-R-512	Cam Bushing
2	2	A-1205-V-1556	Seal

Replaces
1225-R-512
A-1205-V-1556



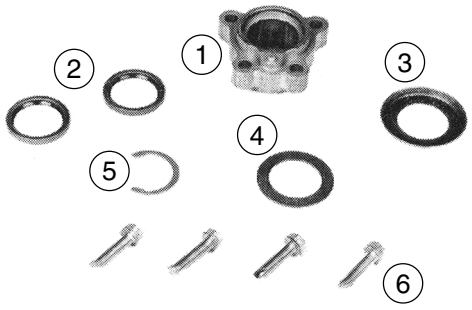
Meritor 16-1/2" "P" & "Q" Brakes

Part No. KIT8058

Item	Qty.	Part No.	Description
1	4	1229-X-3118	Washer
2	2	1229-A-4135	Washer
3	4	1205-Q-2123	Seal
4	2	1225-N-1158	Camshaft Bushing
5	2	1229-C-4137	Spacer Washer
6	2	1229-B-4136	Flat Washer
7	2	1229-D-3124	Snap Ring
8	2	1229-T-4102	Snap Ring
9	2	A-3105-V-282	Retainer Washer
10	4	1229-B-1848	Washer
11	2	1229-X-1116	Snap Ring

Replaces
E3989
E9078HD
K289
K289(2)

CAMSHAFT REPAIR KITS

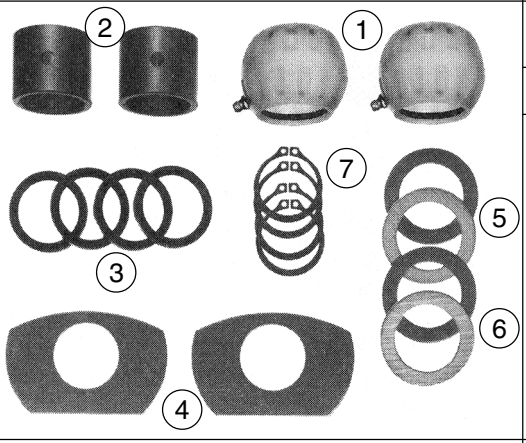


Meritor 16-1/2" "Q" Brake

Part No. KIT8289

Item	Qty.	Part No.	Description
1	1	A-3105-L-1078	Retainer Bushing
2	2	1205-Q-2123	Seal
3	1	1229-R-4100	Outer Washer
4	1	1229-S-4101	Inner Washer
5	1	1229-T-4102	Snap Ring
6	4	10-X-1421	Screw

Replaces
B8788
E6078
K313
MK90

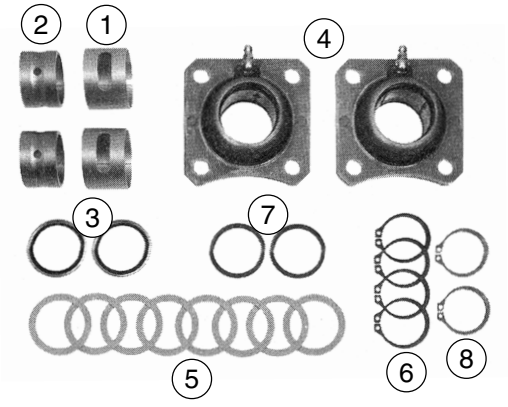


Dana Spicer 12-1/4" "U" Brake

Part No. M12KY202

Item	Qty.	Part No.	Description
1	2	E-2102	Bushing
2	2	E-807	Bushing
3	4	E-1416A	Seal
4	2	E-2409	Washer
5	2	E-580	Washer
6	2	E-2404	Washer
7	4	E-526	Lock Ring

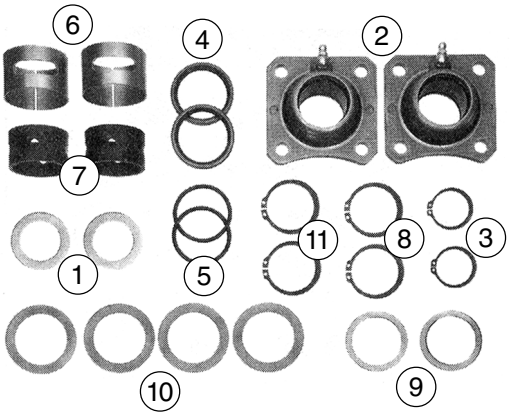
Replaces
E5307



Late Model Rockwell
"P" Series Trailer Brakes

Part No. E-2088AHD

Item	Qty.	Part No.	Description
1	2	E-2380	Outer Bushing
2	2	E-1271	Inner Bushing
3	2	E-1272	Seal
4	2	E-1318AHD	Support Assem.
5	8	E-564	Washer
6	4	E-526	Lock Ring
7	2	E-1416	Seal
8	2	E-4736	Lock Ring



Late Model Rockwell
4000-6000 Series Trailer Axles

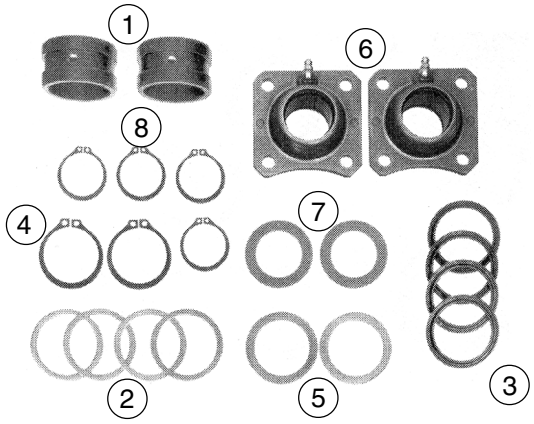
Part No. E-3520AHD

Item	Qty.	Part No.	Description
1	2	E-564	Washer
2	2	E-1318AHD	Support Assem.
3	2	E-801	Lock Ring
4	2	E-2405	Seal
5	2	E-2406	Seal
6	2	E-2407	Outer Bushing
7	2	E-2408	Inner Bushing
8	2	E-1569	Lock Ring
9	2	E-1113	Washer
10	4	E-2411A	Washer
11	2	E-5093	Lock Ring

Replaces
Rockwell
KIT8048

FLEETCRAFT
NL1280

CAMSHAFT REPAIR KITS

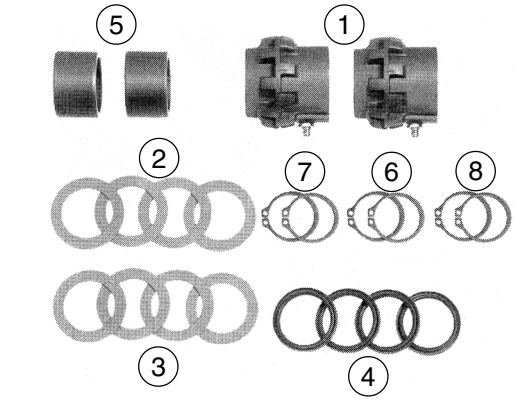


Late Model Rockwell 4000-6000 Series Trailer Axles

Part No. E-3989AHD

Item	Qty.	Part No.	Description
1	2	E-2690A	Bushing
2	4	E-2411A	Washer
3	4	E-3991	Seal
4	2	E-1569	Lock Ring
5	2	E-564	Washer
6	2	E-1318AHD	Support Assem
7	2	E-1113	Washer
8	2	E-801	Lock Ring
9	2	E-5093	Lock Ring

Replaces
Meritor
KIT8058



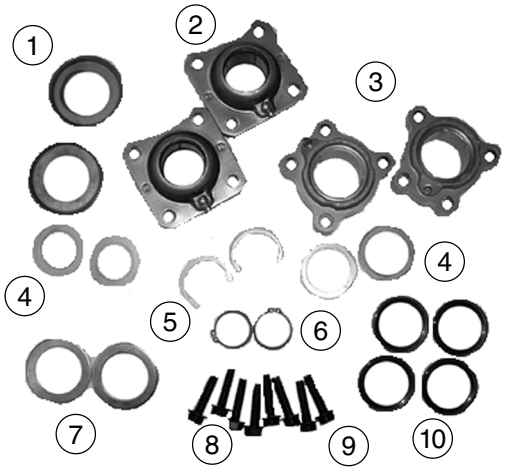
Late Model Eaton Trailer Axles

Part No. E-2696A

Item	Qty.	Part No.	Description
1	2	E-2695	Bushing
2	4	E-1565	Washer
3	4	E-580	Washer
4	4	E-2405	Seal
5	2	E-2690A	Bushing
6	2	E-1569	Lock Ring
7	2	E-526	Lock Ring
8	2	E-801	Lock Ring

Replaces
Eaton
1008347

FLEETCRAFT
NL1277



Rockwell Late Trailer with Fabricated Spider

Part No. NL1417

Item	Qty.	Part No.	Description
1	2	1229-R-4100	Outer Washer
2	2	A-3105-V-282	Retainer Bushing
3	2	A-3105-L-1078	Retainer Bushing
4	4	1229-B-1848	Washer
5	2	1229-T-4102	Snap Ring
6	2	1229-X-1116	Snap Ring
7	2	1229-S-4101	Inner Bushing
8	4	10-X-1348	SelfTappingScrew
9	4	10-X-1421	Screw
10	4	1205-Q-2123	Seal

Replaces
Meritor
KIT8078A

SPICER®

DANA

Spicer Bronze Bushing Cam Kit

Part No. 43-7118

Description
Contains Spicer Bronze Bushings
E9790A Slack Brackets

Replaces
E9790A

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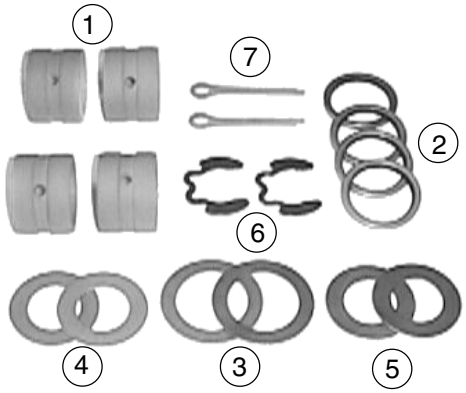


Eaton Self-Contained Drive Axle
16-1/2" Diameter Brakes

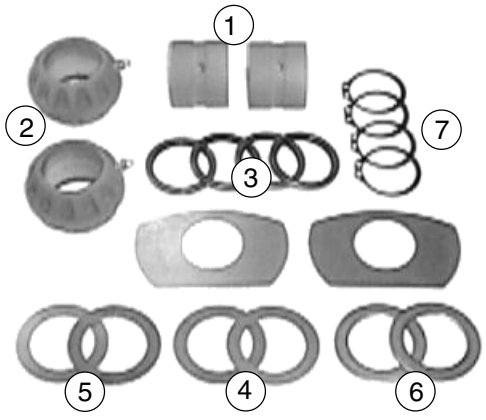
Fleetcraft No. NL1227

Item	Qty.	Part No.	Description
1	4	NL1134	Spider Bushing
2	4	NL1235	Seal
3	2	NL1258	Washer
4	2	NL1262	Washer
5	2	NL1261	Washer
6	2	NL1744	Lock Ring
7	2	NL1464	Cotter Pin

Replaces

Eaton 6-2259

M-K19
E2125
08-1351
(2) K140



Standard Forge, Late Models
12-1/4" Diameter Brakes, Fabricated Shoes

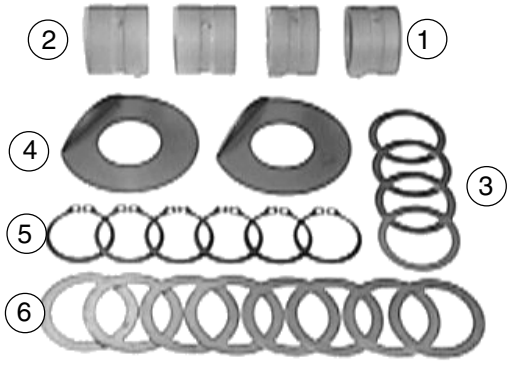
Fleetcraft No. NL1240

Item	Qty	Part No.	Description
1	2	NL1135	Spider Bushing
2	2	NL1138	Support Bushing
3	4	NL1235	Seal
4	4	NL1258	Spacer Washer
5	2	NL1253	Spacer Washer
6	2	NL1259	Spacer Washer
7	4	NL1217	Lock Ring

Replaces

Spicer
M12KY101

M-K26
E2469
08-1323



Spicer, Standard Forge
12-1/4" Diameter Brakes

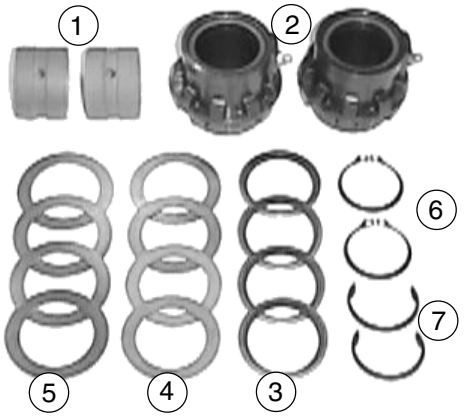
Fleetcraft No. NL1239

Item	Qty	Part No.	Description
1	2	NL1134	Spider Bushing
2	2	NL1135	Support Bushing
3	4	NL1260	Spacer Washer
4	2	NL1264	Bent Washer
5	6	NL1217	Lock Ring
6	8	NL1463	Seal

Replaces

Spicer M12KY100

M-K25
E2526
08-1341
(2) K144



Eaton Axle With "501" Series
16-1/2" Diameter Brakes

Fleetcraft No. NL1277

Item	Qty	Part No.	Description
1	2	NL1125	Spider Bushing
2	2	NL1126	Support Bushing
3	4	NL1169	Seal
4	4	NL1258	Spacer Washer
5	4	NL1256	Spacer Washer
6	2	NL1217	Lock Ring
7	2	NL1213	Lock Ring

Replaces

Eaton 6-2718

M-K63
E2696A
08-1364
(2) K141

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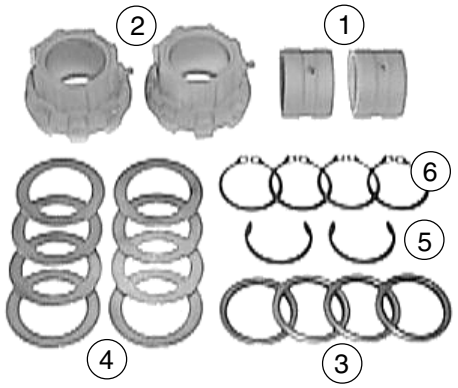


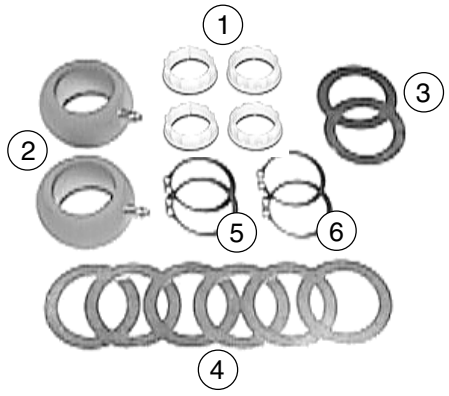
Eaton 22L and 23L Square Axle and Model "C" Axle 16-1/2" Diameter Brakes

Fleetcraft No. NL1226

Item	Qty.	Part No.	Description
1	2	NL1134	Spider Bushing
2	2	NL1147	Support Bushing
3	4	NL1235	Spider Seal
4	8	NL1258	Spacer Washer
5	2	NL1213	Lock Ring
6	2	NL1217	Lock Ring

Replaces

M-K18
E2123
08-1308



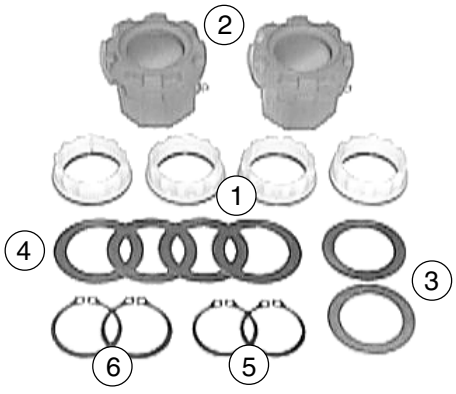
Fruehauf Late Pro-Par Axles
Late Pro-Par Axles - 12-1/4" and 16-1/2" Dia.

Fleetcraft No. NL1228

Item	Qty.	Part No.	Description
1	4	NL1141	Spider Bushing
2	2	NL1137	Support Bushing
3	2	NL1258	Spacer Washer
4	6	NL1256	Spacer Washer
5	2	NL1217	Lock Ring
6	2	NL1210	Lock Ring

Replaces

M-K20
E2090
08-1331



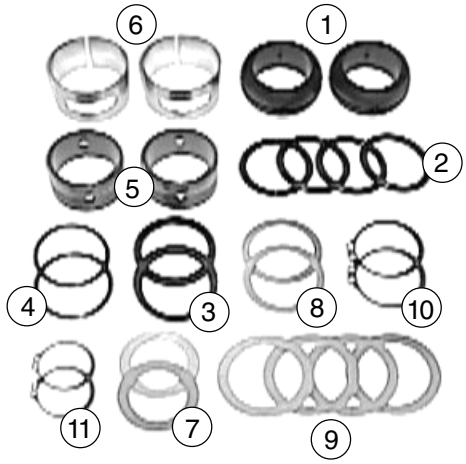
Fruehauf Early Pro-Par Axles
12-1/4" and 16-1/2" Diameter

Fleetcraft No. NL1236

Item	Qty.	Part No.	Description
1	4	NL1141	Spider Bushing
2	2	NL1144	Support Bushing
3	2	NL1258	Spacer Washer
4	4	NL1256	Spacer Washer
5	2	NL1217	Lock Ring
6	2	NL1210	Lock Ring

Replaces

M-K21
E2122
08-1330



Rockwell 4000-6000 Trailer Axles
12-1/4" and 16-1/2" Diameter Brakes

Fleetcraft No. NL1224

Item	Qty.	Part No.	Description
1	2	NL1108	Bushing
2	4	NL1109	"O" Ring
3	2	NL1153	Seal
4	2	NL1256	"O" Ring Seal
5	2	NL1154	Inner Bushing
6	2	NL1155	Outer Bushing
7	2	NL1260	Spacer Washer
8	2	NL1250	Spacer Washer
9	4	NL1263	Spacer Washer
10	2	NL1210	Lock Ring
11	2	NL1205	Lock Ring

Replaces

Rockwell
KIT 970

M-K16
E2382
08-1306
(2) K-97

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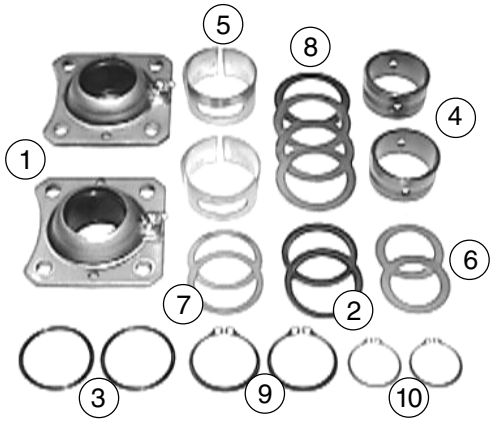


Rockwell 4000-6000 Trailer Axles
12-1/4" and 16-1/2" Diameter Brakes

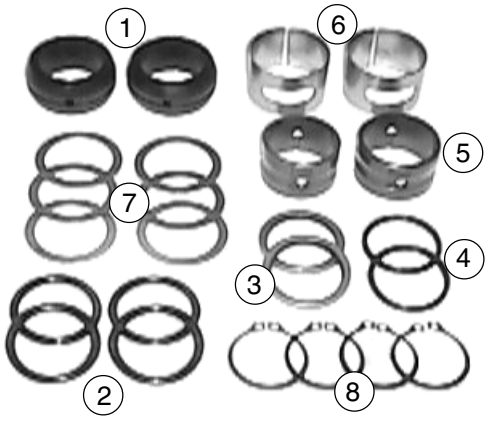
Fleetcraft No. NL1280

Item	Qty.	Part No.	Description
1	2	NL1179	Support Bracket
2	2	NL1153	Seal
3	2	NL1256	"O" Ring Seal
4	2	NL1154	Inner Bushing
5	2	NL1155	Outer Bushing
6	2	NL1260	Spacer Washer
7	2	NL1250	Spacer Washer
8	4	NL1263	Spacer Washer
9	2	NL1210	Lock Ring
10	2	NL1205	Lock Ring

Replaces
Rockwell
KIT 8048

M-K61
E3520A

Same as NL1224 except 2 NL1179 support ass'ys replace 2 NL1108 bushings



Rockwell Late "P" Series Trailer Axles
16-1/2" Diameter Brakes

Fleetcraft No. NL1223

Item	Qty.	Part No.	Description
1	2	NL1108	Bushing
2	4	NL1109	"O" Ring
3	2	NL1235	Spider Seal
4	2	NL1149	Cam Seal
5	2	NL1151	Inner Bushing
6	2	NL1150	Outer Bushing
7	6	NL1260	Spacer Washer
8	4	NL1217	Lock Ring

Replaces

Rockwell
KIT 969

M-K15
E2363
08-1311

Rockwell 16-1/2" Diameter Brakes
Late "P" Series Trailer Axles

Fleetcraft No. NL1222

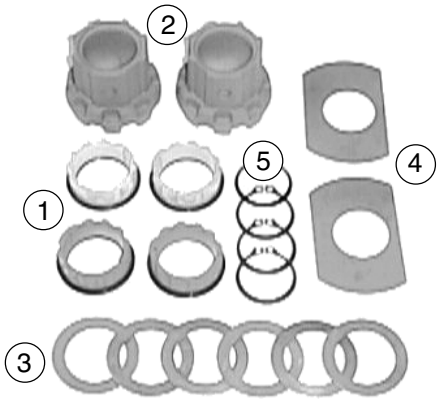
Item	Qty.	Part No.	Description
1	2	NL1179	Support Assembly
2	2	NL1235	Spider Seal
3	2	NL1149	Cam Seal
4	2	NL1151	Inner Bushing
5	2	NL1150	Outer Bushing
6	6	NL1260	Spacer Washer
7	4	NL1217	Lock Ring

Replaces

Rockwell
KIT 8046

M-K14
E2088
08-1301

Support assembly NL1179 replaces NL1108 bushings



Rockwell 16-1/2" Diameter Brakes
"P" Series Trailer Axles

Fleetcraft No. NL1221

Item	Qty.	Part No.	Description
1	2	NL1139	Spider Bushing
2	2	NL1143	Support Bushing
3	6	NL1258	Spacer Washer
4	2	NL1252	"D" Washer
5	4	NL1217	Lock Ring

Replaces

M-K13
E1357
08-1300

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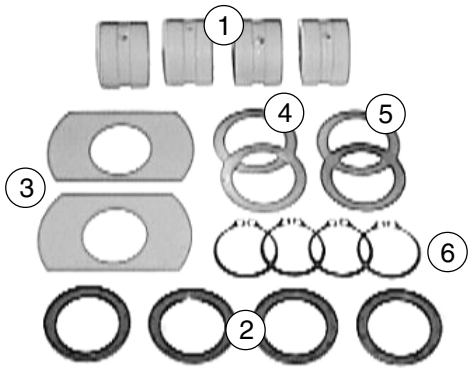


Rockwell Early "P" Series
16-1/2" Diameter Brakes

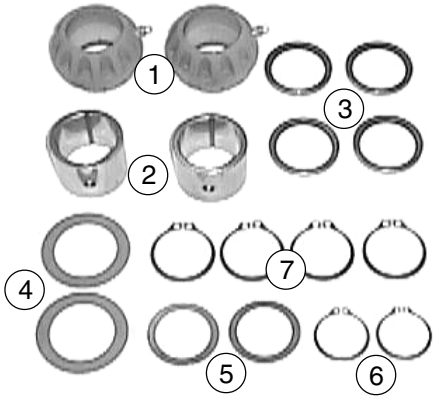
Fleetcraft No. NL1225

Item	Qty	Part No.	Description
1	4	NL1134	Bushing
2	4	NL1234	Seal
3	2	NL1252	"D" Washer
4	2	NL1257	Spacer Washer
5	2	NL1258	Spacer Washer
6	2	NL1217	Lock Ring

Replaces

Rockwell
KIT 9078

M-K17
E2086
08-1302



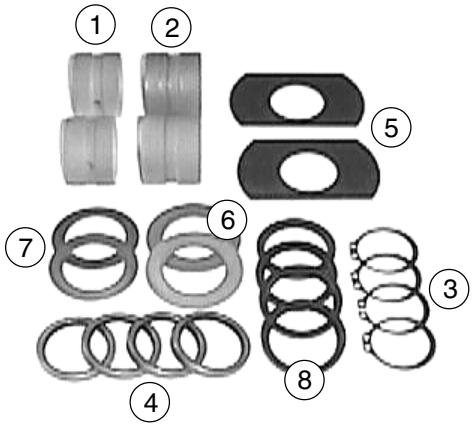
Dana Spicer
"XL" "XTRALIFE" 16-1/2" Diameter Brakes

Part No. M16KY202

Item	Qty.	Part No.	Description
1	4	NL1138	Support Bushing
2	4	NL1127	Bronze Bushing
3	4	NL1235	Seal
4	2	NL1258	Spacer Washer
5	2	NL1768	Washer
6	2	NL1205	Lock Ring
7	4	NL1217	Lock Ring

Replaces
Spicer
M16KY202

If retrofitting to "XL" brakes, all cams should be the same to achieve balanced braking.



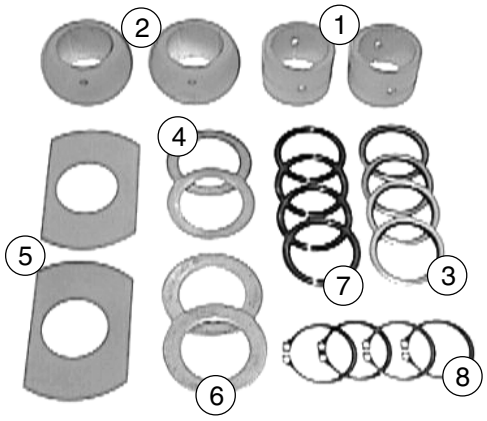
Early Model
Dana (Kershaw), Standard Forge
16-1/2" Diameter Brakes

Fleetcraft No. NL1241

Item	Qty.	Part No.	Description
1	2	NL1134	Bushing
2	2	NL1135	Bushing
3	4	NL1217	Lock Ring
4	4	NL1234	Seal
5	2	NL1252	"D" Washer
6	2	NL1255	Washer
7	2	NL1258	Washer
8	4	NL1463	Seal

Replaces

M-K27
E2087
08-1324



Spicer Model With Spherical Cam Bushing
16-1/2" Diameter Brakes

Fleetcraft No. NL1281

Item	Qty.	Part No.	Description
1	2	NL1135	Spider Bushing
2	2	NL1167	Support Bushing
3	4	NL1235	Seal
4	2	NL1258	Spacer Washer
5	2	NL1252	"D" Washer
6	2	NL1255	Spacer Washer
7	4	NL1109	"O" Ring
8	4	NL1217	Lock Ring

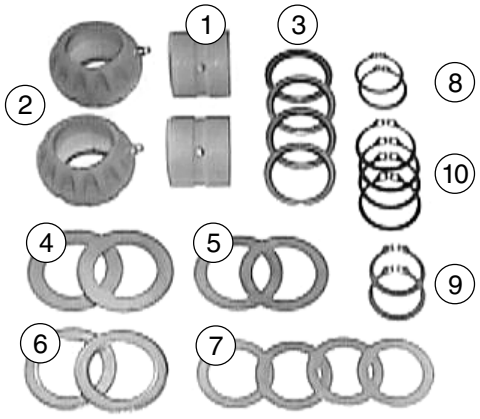
Replaces

Spicer
M10KY100

M-K64
E2680
08-1325
K151(2)

FLEETCRAFT CAM REPAIR KITS

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY



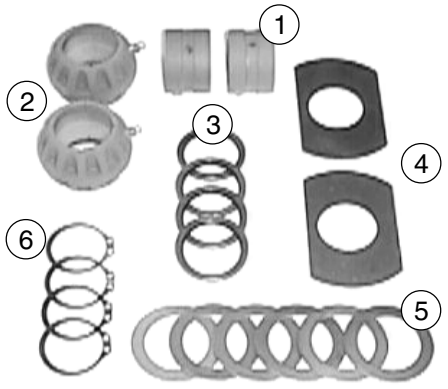
Standard Forge
16-1/2" Diameter Brakes, Weld-On Spider

Fleetcraft No. NL1238

Replaces

M-K24
E2287
08-1321

Item	Qty.	Part No.	Description
1	2	NL1135	Spider Bushing
2	2	NL1138	Support Bushing
3	4	NL1235	Seal
4	2	NL1255	Spacer Washer
5	2	NL1258	Spacer Washer
6	2	NL1259	Spacer Washer
7	4	NL1250	Washer
8	2	NL1205	Lock Ring
9	2	NL1266	Lock Ring
10	4	NL1217	Lock Ring



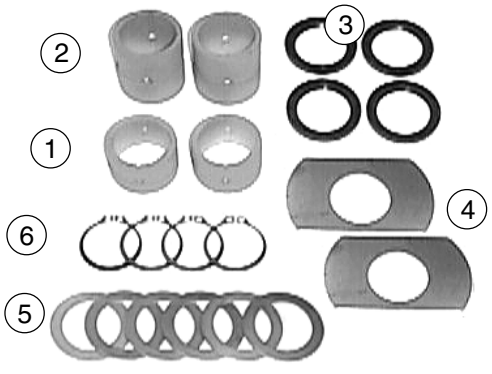
Standard Forge, Bolt-On Spider
16-1/2" Diameter Brakes

Fleetcraft No. NL1237

Replaces

M-K23
08-1321

Item	Qty.	Part No.	Description
1	2	NL1134	Spider Bushing
2	2	NL1138	Support Bushing
3	4	NL1235	Seal
4	2	NL1252	"D" Washer
5	6	NL1258	Spacer Washer
6	4	NL1217	Lock Ring



Early Model Standard Forge, Cast Bracket
16-1/2" Diameter Brakes

Fleetcraft No. NL1229

Replaces

M-K22
08-1320

Item	Qty.	Part No.	Description
1	2	NL1134	Spider Bushing
2	2	NL1136	Support Bushing
3	4	NL1234	Seal
4	2	NL1252	"D" Washer
5	6	NL1258	Spacer Washer
6	4	NL1217	Lock Ring

CAMSHAFT SUPPORT BRACKETS

Part No. NL1179
Assembly

Application:
For Rockwell trailer axles
Includes NL1108 bushing
with NL1109 O rings.

Replaces A-3105-V-282
M-1521, E1318A,
03-209, L2854

Part No. NL1174

Includes
NL1138 bushing.

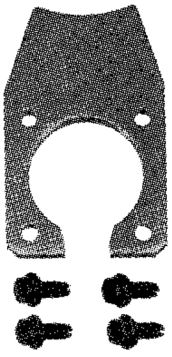
Application:
Spicer, Std. Forge
Replaces
Dana M16WH113X
M1554, E2104,
03-114, L1198

Part No. NL1185
Bracket support for Fruehauf
For 16-12" diameter brakes
Replaces ACF-4024-1
Used in kit No. NL1186

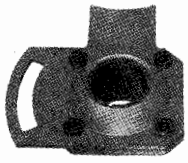
CAMSHAFT SUPPORT BRACKETS

Cam Support Bushing Assembly
For 5" Square Axles
16-1/2" Diameter Brakes
Can be assembled right or left.
Part No. NL1184
Includes 1 NL1137 Bushing with retainer plates
Part No. NL1186
Includes 1 NL1184 Bushing Assembly
1 NL1185 Support Bracket
Replaces
Fruehauf ACF 4024-901, M2594, E4594

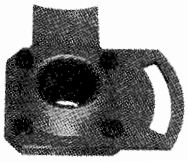
Support Bracket
For 161/2" brakes
Part No. NL1185
Used in NL1186 kit.



Support Bracket
For Meritor 5" Round Axles with 161/2" brakes.
Part No. E-2477B
Used with E-1318A (NL1179) or E-1318AHD.
Includes Mounting Screws.



(LH)

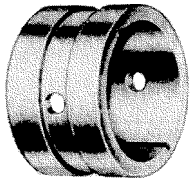


(RH)

Support Bracket
For Spicer (Dana) 5" Round Axle with 161/2" brakes
Part No. E-9787A (LH)
Part No. E-9788A (RH)

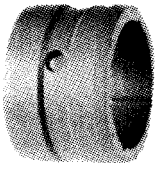
Includes E-9792 Bushing

CAMSHAFT BUSHINGS



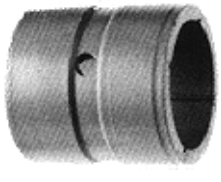
Part No.	O.D.	I.D.	Length
NL1134	1 7/8"	1 1/2"	1 1/4"

Nylon bushing
Replaces
Eaton 1000035, 3-2163
Rockwell 1225-N-378
Std. Forge 405126
M571, E-536, 02-202, L166



Part No.	O.D.	I.D.	Length
NL1135	1 7/8"	1 1/2"	1 1/2"

Nylon bushing
Replaces
Spicer M10WJ118
Std. Forge 405129
M571B, E-759, 02-203, L1536



Part No.	O.D.	I.D.	Length
NL1136	1 7/8"	1 1/2"	2"

Nylon bushing
Replaces
Spicer M10WJ178
Std. Forge 405109
M571A, E-661, 03-201, L266

Part No.	O.D.	I.D.	Length
NL1139	1 7/8"	1 1/2"	1 1/4"

Nylon bushing set,
one yellow for inboard,
one white for outboard
Replaces
Fruehauf ACA-3265, ACA-3266
Rockwell A-1225-D-420
Rockwell A-1225-V-438
M1520, E-943, 02-200, L752

Part No.	O.D.	I.D.	Length
NL1141	2"	1 5/8"	7/8"

Nylon bushing, used as pair
Replaces
Fruehauf AXA-0413-900
M1049, E-2551, 02-220, L896

Part No.	O.D.	I.D.	Length
NL1167	2"	1 5/8"	7/8"

Nylon bushing, used as pair
Replaces
Kershaw 11109
Spicer M10WJ100
M2622, E-2517, 03-210, L1711

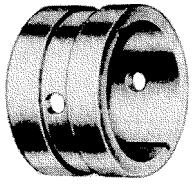
CAMSHAFT BUSHINGS

Part No. NL1143 O.D. $2\frac{3}{4}$" I.D. $1\frac{1}{2}$" Length $2\frac{1}{2}$"
Nylon bushing

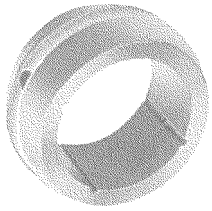
Replaces
Fruehauf 515148
Rockwell A-3299-G-1541
M572, E-535, 03-200, L167

Part No. NL1126 O.D. $2\frac{3}{4}$" I.D. $1\frac{1}{2}$" Length $2\frac{1}{2}$"
Nylon bushing

Replaces
Eaton 1002262
M2623, E-2695, 03-214, L1598



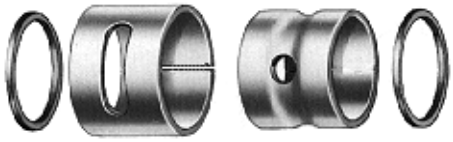
Part No. NL1125 O.D. 2" I.D. $1\frac{5}{8}$" Length $1\frac{3}{16}$"
Nylon bushing
Replaces
Eaton 1002248
M2621, E-2690A, 03-224, L2382



Part No. NL1108 O.D. $2\frac{1}{8}$" I.D. $1\frac{1}{2}$" Length 1"
Nylon bushing
Replaces
Rockwell 1125-P-640
M1550, E-2361, 03-212, L1730

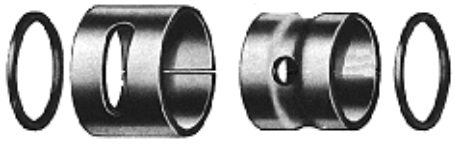
Part No. NL1137 O.D. $2\frac{1}{2}$" I.D. $1\frac{19}{32}$" Length $2\frac{1}{2}$"
Nylon bushing
Used in NL1186 support kit
Replaces
Fruehauf ACD-2285-900
M1058, E-1577A, 03-210, L1191

Part No. NL1138 O.D. $2\frac{15}{32}$" I.D. $1\frac{1}{2}$" Length $2\frac{3}{4}$"
Nylon bushing
Replaces
Spicer M10WJ107
Std. Forge 405128
M582, E-2102, 03-208, L1199



Rockwell 4000-6000 Series Axles With $1\frac{5}{8}$" diameter camshafts.
Part No. NL1152
Spider Bushing Assembly, Consisting of:

Qty.	Description	O.D.	I.D.	L'gth	Replaces
1	NL1153 Grease Seal	2"	$1\frac{5}{8}$"	$\frac{1}{4}$"	1205-U-1451, M1401, E2405
1	NL1155 Outer Bushing	2"	$1\frac{7}{8}$"	$1\frac{5}{16}$"	1225-A-833, M1405, E2407
1	NL1154 Inner Bushing	$1\frac{7}{8}$"	$1\frac{5}{8}$"	$1\frac{1}{8}$"	1225-B-834, M826, E1271
1	NL1156 Seal*	$1\frac{7}{8}$"	$1\frac{5}{8}$"	$\frac{1}{8}$"	1205-V-1452, M1403, E2406
	Replaces M1406, E-2670, 02-240, L1305				



Rockwell 5000 Series Axles With $1\frac{1}{2}$" diameter camshafts.
Part No. NL1148
Spider Bushing Assembly, Consisting of:

Qty	Description	O.D.	I.D.	L'gth	Replaces
1	NL1235 Grease Seal	$1\frac{7}{8}$"	$1\frac{1}{2}$"	$\frac{3}{16}$"	1205-M-1105, M824, E1416
1	NL1150 Outer Bushing	$1\frac{7}{8}$"	$1\frac{3}{4}$"	$1\frac{5}{16}$"	1225-A-781, M827, E2380
1	NL1151 Inner Bushing	$1\frac{3}{4}$"	$1\frac{1}{2}$"	$1\frac{3}{16}$"	1225-J-634, M826, E1271
1	NL1149 Seal*	$1\frac{3}{4}$"	$1\frac{1}{2}$"	$\frac{1}{8}$"	1205-N-924, M825, E1272
	Replaces M1407, E-2291, 02-218, L891				

CAMSHAFT SEALS

Part No.	I.D.	O.D.	Thick	Replaces
NL1149	1 1/2"	1 3/4"	1/8"	Rockwell 1205-N-924, M825, E-1272, 02-306
NL1235	1 1/2"	1 7/8"	3/16"	Rockwell 1205-M-1105, M824, E-1416, 02-312 Rockwell, Std. Forge weld-on spiders
NL1463	1 1/2"	1 7/8"	1/4"	Eaton 40864, 79903, M824A, E-1416A, 02-304
NL1234	1 1/2"	2 1/16"	1/4"	Rockwell 1705-M-143, M587A, E-654, 02-300 Some Bolt-on spiders

For 4000-6000 axles

Part No.	I.D.	O.D.	Thick	Replaces
NL1153	1 5/8"	2"	1/4"	Rockwell 1205-U-1451, M1401, E-2405, 02-310
NL1156	1 5/8"	1 7/8"	1/8"	Rockwell 1205-V-1452, M1403, E2406, 02-309

CAMSHAFT LOCK RINGS

Part No.	I.D.	Thick	Replaces/Application
NL1205	1 1/8"	1/16"	Rockwell 1225-X-1116 For 4000-6000 axles M1523, E-801, 01-482,
NL1266	1 5/32"	3/32"	Rockwell 16-1/2" "Q" brakes
NL1217	1 31/64"	1/16"	For all 1-1/2" diameter camshafts
NL1210	1 1/2"	1/16"	Rockwell 1229-A-1119, Fruehauf AXA-0418-1 Rockwell 4000-6000 axles, ProPar with 1 5/8" camshafts

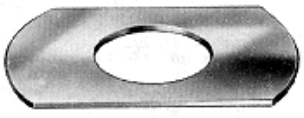
NL1213	1 1/2"	1/16"	For 1-1/2" diameter camshafts Shuler B-1215, St. Forge 21404, M1505, E-910, 04-314

NL1744	1 1/2"	1/16"	For 1-1/2" diameter camshafts

CAMSHAFT WASHERS

Part No.	I.D.	O.D.	Thick	Replaces
NL1261	1 9/64"	2"	1/32"	Eaton 23570, self-contained brakes M1409, E-1781, 04-308
NL1262	1 9/64"	2"	1/16"	Eaton 34528, self-contained brakes M1408, E-1782, 04-307
NL1260	1 17/32"	2"	1/32"	Multiple universal applications Rockwell 1229-J-868, Fruehauf 219179, Rockwell RN & RL applications M588, E-564, 02-350
NL1257	1 17/32"	2 1/4"	1/32"	Universal for 1 1/2" diameter camshafts Rockwell 1229-Q-771, Fruehauf 219292 M580, E-581, 04-301
NL1258	1 17/32"	2 1/4"	1/16"	Universal for 1 1/2" diameter camshafts Rockwell 1229-R-122, Eaton B-1216, Fruehauf 219293 M583, E-580, 04-302

CAMSHAFT WASHERS (CON'T)

	NL1259	1 17/32"	2 1/4"	3/32"	Std. Forge 403149, 12 1/4" brake M1413, E-2409, 04-328
	NL1255	1 17/32"	2 7/16"	1/8"	Spicer M10HS117, Std. Forge 403105 Also Eaton, Rockwell applications M719, E-719, 04-303
	NL1263	1 5/8"	2 1/4"	1/32"	Rockwell 1229-F-2502, 4000-6000 series axle Use on cam end M1402, E-2411A, 04-320
	NL1256	1 5/8"	2 3/8"	1/16"	Fruehauf AXA-0417-1, ProPar M1045, E-1565, 04-304
	NL1264	1 17/32"	3 1/2"	1/16"	Bent washer for Std. Forge 403112 for 12 1/4" brakes M1589, E-1408, 04-306
	**NL1252**	1 1/2"	3 7/8"	1/16"	Rockwell 1229-G-1463, Fruehauf 219158, M10HN152, Std. Forge 403108, Eaton B-1212-1 M584, E-656, 04-300

O-RING

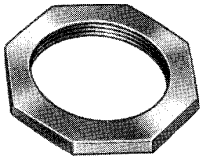
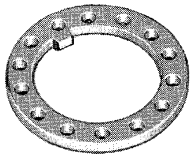
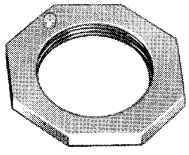
Part No.	I.D.	O.D.	Thick	Replaces
NL1109	1 1/2"	1 7/8"	1/32"	Rockwell 1205-X-726 M1093, E-1314, 03-213

DRIVE AXLE SPINDLE NUTS AND LOCKS

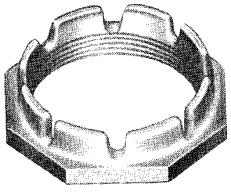
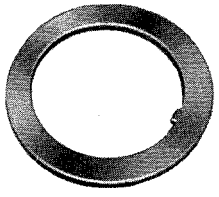
	Part No.	Application	Replaces	Across Flats	Thrd Size	O.D.	I.D.	Thick
	INNER NUT							
	E-2303	ROCKWELL "Q" & "R", "TR" MACK Mack 50,000 Lbs.	1227-W-517 25QJ35 M1980, E-2303, 06-411	4"	3 1/4"-12	--	2 3/8"	3/8"
	LOCKING RING							
	E-2304	ROCKWELL "Q" & "R" MACK Mack 50,000 Lbs.	1229-U-1009 23QJ201 M1979, E-2304, 06-413	--	--	4 3/8"	3 1/4"	3/16"
	OUTER NUT							
	E-2305	ROCKWELL "Q" & "R" MACK Mack 50,000 Lbs.	1227-R-330 25QJ36 M1978, E-2305, 06-412	4"	3 1/4"-12	--	--	3/8"

TRAILER AXLE SPINDLE NUTS AND LOCKS

ROCKWELL, DANA, EATON, STD. FORGE TRADE AXLES

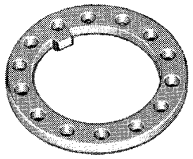
	Part No.	Replaces	Across Flats	Thrd. Size	O.D.	I.D.	Thick
	**R000572 OUTER NUT**	Rockwell 1227-B-756 Outer trailer "Q" brakes M684, E-572, 06-201	3 1/4"	2 5/8"-16	--	--	3/8"
	**E-1252 LOCKING RING**	Rockwell 1227-V1660 Eaton 820396 Spicer M10HN100 Std. Forge 105107 M683, E-573, 06-202	--	--	3 15/16"	2 21/64"	1/4"
	**E-2128** **INNER NUT**	Rockwell 1227-C-549 Eaton 820394 Spicer M10HN101 Std. Forge 103103-002 M682, E-540, 06-203	3 13/16"	2 5/8"-16	--	--	3

FRUEHAUF PRO-PAR AXLE

	Part No.	Replaces	Across Flats	Thrd. Size	O.D.	I.D.	Thick
	**E-2550 SPINDLE NUT**	Fruehauf ACE-008510-001 M1050, E-2550, 06-226	4 13/16"	3 1/2"-12	--	--	1 1/8"
	**E-1561 LOCK WASHER**	Fruehauf AXA-0408-1 M1051, E-1561, 06-228 Std. Forge 105107 M683, E-573, 06-202	--	--	5 1/16"	3 1/2"	7/32"
	NL1576 COTTER PIN	Fruehauf AXA-0409-1 M1069, E-1559, 06-229	1" Long, 1/4" Dia.				

TRAILER AXLE SPINDLE NUTS AND LOCKS

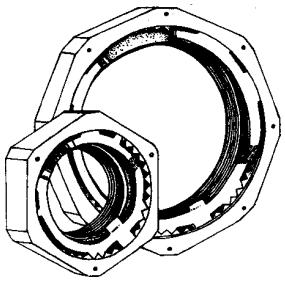
ROCKWELL TN, TKN, TN TRAILER AXLES

	Part No.	Replaces	Across Flats	Thrd. Size	O.D.	I.D.	Thick
	1227Z676 OUTER NUT	Rockwell 1227-Z-676 M840, E-1251, 6-223	$3\frac{1}{4}$"	$2\frac{3}{8}$"-16	--	--	$\frac{11}{32}$"
	**E-1252 LOCK RING**	Rockwell 1229-T-1996 M839, E-1252, 06-222	--	--	$3\frac{13}{16}$"	$2\frac{13}{32}$"	$\frac{3}{8}$"
	E-2128 INNER NUT	Rockwell A-1227-S-877 M846, E-2128, 06-224	$3\frac{13}{16}$"	$2\frac{3}{8}$"-16	--	--	$\frac{31}{64}$"

PRO-TORQ® Advanced Axle Spindle Nuts

Pro-Torq®
is a registered trademark of Stemco, Inc.

STEMCO™
A Higher Standard of Performance.℠



Trailer Axle Nut Part No. 447-4723

Ceromet Part No.: 348012
Replacement Keeper: 450-4723
Tool Socket: $4\frac{13}{16}$" - 8 Point
Thread Size: 3.480" - 12
Outer Bearing: HM518445/HM518410
Applications: **Holland** ProPar Series, **Ingersol** F24H Series, **Meritor** TP Series

Trailer Axle Nut Part No. 449-4973

Ceromet Part No.: 345012
Replacement Keeper: 450-4923
Tool Socket: $4\frac{3}{8}$" - 8 Point
Thread Size: 3.250" - 12
Outer Bearing: 580/572
Applications: **Dana Spicer** EST-230-P, **Eaton** P-22, **Meritor** TR

Trailer Axle Nut Part No. 447-4743

Ceromet Part No.: 262516C
Replacement Keeper: 450-4743
Tool Socket: $3\frac{3}{4}$" - 8 Point
Thread Size: 3.625" - 16
Outer Bearing: HM212049/HM212011

Applications:
Dana Spicer Axles: D-20, D-21, D-22, DD-21, DD-22, K-21, K-22, K-25, K-30

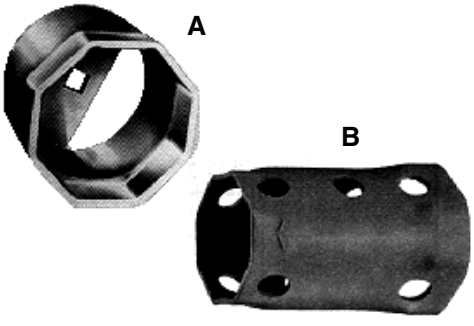
Eaton Axles: C, C2, CD, CD2, CE, ESA-225J, EST, EST-225J, EST-230J, ETA 230C, ETA 225D, ETA 225J, H23L, H25R, HCE, HJ, HJE, J, JE, JH, LA-15, T-18C, 20L-77, 22L, 22R, 23L, 23R, 25R

Ingersol: A22T

Meritor: RL, RQ, TK, TKL, TKLD, TL, TLD, TN, TND, TQ, TQC, TQD

Standard Forge: A25, A26, 17,000 & 18,000 lb. Trade

AXLE NUT WRENCHES



	Part No.	Description	Fits:
A	**1941**	8 point, $4\frac{13}{16}$" across flats. 3/4" square drive opening	Pro-Par hub cap and axle nut
B	**E-844**	8 point $3\frac{3}{8}$" and $3\frac{7}{8}$" across flats.	NL1469, NL1472 and other nuts with similar dimensions

MANUAL SLACK ADJUSTERS

Haldex

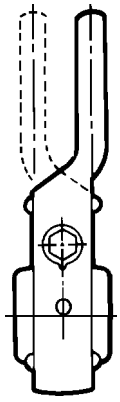
ArvinMeritor

FLEETCRAFT

STRAIGHT ARM - BI-DIRECTIONAL

Forged Steel, Maximum torque 26,000 lbs.
Press-out bushings installed for 1/2" clevis pins.

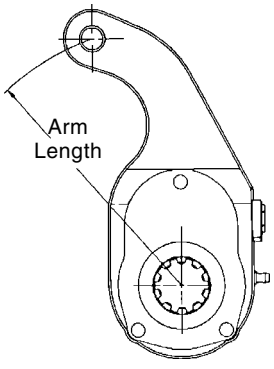
Part No.	Spline Dia.	Spline No. of Teeth	Arm Length	Replaces
KN55001	1.25"	24	5.5"	
1054204	1.25"	10	5.0", 6.0"	KN48001, 278303
1054201	1.25"	10	4.5", 5.5"	KN48031, 278302
1010800	1.50"	10	5.0", 6.0", 7.0"	KN47001, 278323
1010801	1.50"	10	5.5", 6.5"	KN47011, 278326
1010802	1.50"	28	5.5", 6.5"	KN44061, 288753
1010803	1.60"	37	6.0"	KN44041, 283411
1010804	1.50"	28	5.0", 6.0"	KN44051, 286965



OFFSET ARM - BI-DIRECTIONAL

Forged Steel, Maximum torque 26,000 lbs. Arm bushings installed for 1/2" clevis pins.

Part No.	Spline Dia.	No. of Teeth	Arm Length	Offset	Replaces
1054248	1.25"	10	4.5", 5.5"	LH .625"	KN49010, 278295
1054249	1.25"	10	4.5", 5.5"	RH .625"	KN48031, 278302



CURVED ARM - BI-DIRECTIONAL

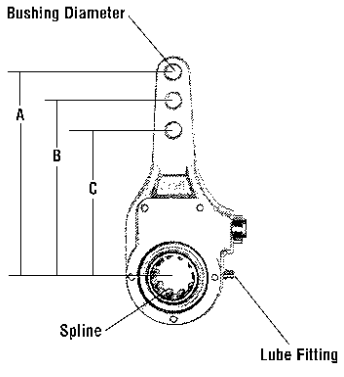
Forged Steel, Maximum torque 20,000 lbs. Arm bushings installed for 1/2" clevis pins.

Part No.	Spline Dia.	No. of Teeth	Arm Length	Replaces
1010705	1.50"	10	6.0"	KN51000
1010706	1.50"	28	6.0"	KN51010

BENDIX MANUAL SLACK ADJUSTERS

Part No.	Spline Dia.	Spline No. of Teeth	Arm Length A, B, C	Replaces
278323	1.50"	10	5.0", 6.0", 7.0"	KN47001
278326	1.50"	10	5.5", 6.5"	KN47011
283411	1.60"	37	6.0"	KN44041
286965	1.50"	28	5.0", 6.0"	KN44051
288753	1.50"	28	5.5", 6.5"	KN44061

Bendix

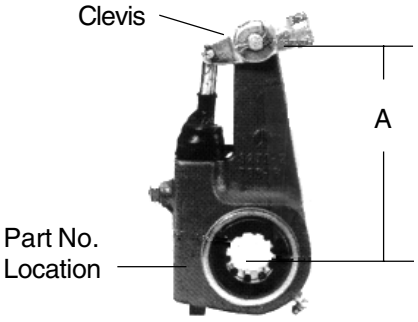


AUTOMATIC SLACK ADJUSTERS

ArvinMeritor™

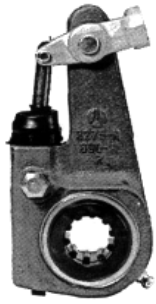
Meritor Aftermarket Part Numbering System
Automatic Slack Adjusters:

R801XXX	Unhanded design automatic slack adjuster assemblies
R8017XX	Automatic slack adjuster components
R802XXX	Handed design automatic slack adjusters



UNHANDED

SHOWN



OPPOSITE

ROCKWELL AUTOMATIC SLACK ADJUSTERS						
Part No.	**Type**	**Spline Dia.-Teeth**	**Lever Length "A"**	**Clevis Type**	**Clevis Thread**	**Use With Chamber**
R801001	Unhanded	1 1/4"-10	5 1/2"	Straight	1/2"-20	Type 16
R801002	Unhanded	1 1/4"-24	5 1/2"	Straight	1/2"-20	Type 16
R801041	Unhanded	1 1/2"-10	5 1/2"	Straight	5/8"-18	Type 24, 30
R801042	Unhanded	1 1/2"-10	6"	Straight	5/8"-18	Type 30
R801070	Unhanded	1 1/2"-28	5 1/2"	Straight	1/2"-20	Type 16
R801071	Unhanded	1 1/2"-28	6"	Straight	5/8"-18	Type 20, 24
R801073	Unhanded	1 1/2"-28	5 1/2"	Straight	5/8"-18	Type 24, 30
R801074	Unhanded	1 1/2"-28	6"	Straight	5/8"-18	Type 24, 30
R801101	Unhanded	1 5/8"-37	5 1/2"	Straight	5/8"-18	Type 24, 30
R801102	Unhanded	1 5/8"-37	6"	Straight	5/8"-18	Type 30
R802070	Shown	1 1/4"-24	5 1/2"	Straight	5/8"-18	Type 20
R802071	Opposite					
R802462	Opposite	1 1/2"-28	5 1/2"	Straight	5/8"-18	Type 30
R802463	Shown					

Yoke and clevis pins included on automatic slacks (19X1084 large & 19X127 small)

Note: "Shown", "Opposite", and "Unhanded" indicate the location of the pawl assembly on the slack adjuster. The slack adjuster must be installed so that the pawl can be removed during maintenance.

INSTALLATION TEMPLATES

There are installation templates in the box with each slack adjuster. Each installation template is designed to line up the clevis, push rod, and arm at a particular angle so that the most efficient adjustment of the brakes is obtained. Should the installation angle be off from the required template angle for that application, over adjustment or under adjustment will result - and therefore pushrod lengths may be off from the acceptable lengths.

AUTOMATIC SLACK ADJUSTERS

ArvinMeritor™

REPAIR KIT FOR MERITOR AUTOMATIC SLACK ADJUSTERS

Part No. KIT963 Minor rebuild kit for all Rockwell automatic slack adjusters. One kit contains enough parts to rebuild one slack adjuster.
Clevis is not included. For clevis, see kit no. KIT1350.

Item	Qty	Part No.	Description
1	1	2260-S-1111	Boot
2	1	1225-C-835	Clevis Pin Bushing
3	1	19X-1084	Clevis Pin
4	1	19X-127	Clevis Pin
5	1	1898-R-720	Grease Fitting
6	1	K-248	Cotter Pin
7	1	K-235	Cotter Pin
8	1	TSA-8710	Instruction Sheet (Not Shown)
9	1	A12297M6461*	Pawl Guide Assembly
10	1	1199-Y-3743	Retaining Ring
11	2	1199-W-3741	Retainer
12	2	5X-1072	Slack Adjuster Gear Seal
13	1	A-1205-G-2269	Worm Grease Seal
14	1	2257-N-40	Tie Strap
15	1	2297-B-4786	Truck/Tractor Template
16	1	2297-C-4787	Trailer Template
17	2	1229-R-4178	Thrust Washer

ArvinMeritor™

REPAIR KIT FOR MERITOR AUTOMATIC SLACK ADJUSTERS

Part No. KIT1350 Minor rebuild kit for all automatic slack adjusters with green or yellow pistons on 16½" P or Q brakes. One kit contains enough parts to rebuild one slack adjuster. Includes clevis.

Item	Qty	Part No.	Description
1	1	1199-U-3739	Piston Retaining Pin
2	1	2297-W-2857	Actuator
3	1	2297-X-2936	Rod (5.00)
4	1	2297-Y-2937	Rod (5.50)
5	1	2297-Z-2938	Rod (6.00)
6	1	2297-A-2939	Rod (6.50)
7	1	1199-V-3740	Retaining Ring
8	1	2297-H-2842	Green Piston
9	1	2230-N-1054	Yellow Piston
10	1	1245-P-1030	Clevis
11	1	TSA 8710	Instruction Sheet (Not Shown)

***Meritor Guide Pawl Kit**
For Automatic Slack Adjuster
"Pull" pawl assembly
with curved face
Kit contains 2 pawls
with compression washers
Part No. R801700

Haldex Bracket kit for Automatic Slack Adjusters.

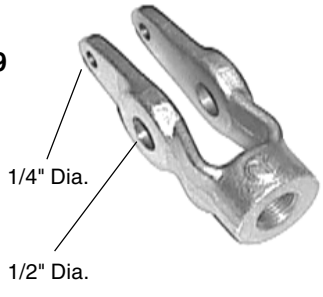
Part No.427-10563

Meritor Straight Clevis
For Meritor Automatic
Slack Adjusters
For 5/8-18 pushrod
<u>Includes Pins!</u>

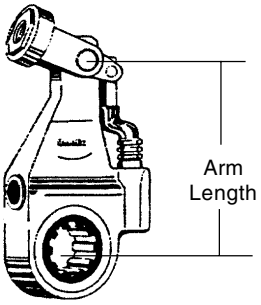
Part No. R810009

Small Pin
Part No. 19X127

Large Pin
Part No.19X1084



AUTOMATIC SLACK ADJUSTERS

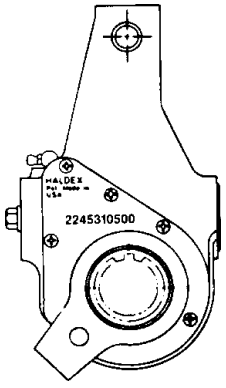


ASA-5 AUTOMATIC SLACK ADJUSTERS

Easy-on yoke assemblies are standard on the ASA-5 service basic slack adjusters. If the quick connect yoke is required it must be purchased separately. All ASA-5 slack adjusters are supplied with a 45 degree lube fitting unless otherwise noted.

Part No.	Arm Length	Spline Size	Adaptor Thrd Size	Yoke Offset	Comments
065170	5-1/2"	1 1/2"-10	5/8"-18	Straight	
065172	6"	1 1/2"-10	5/8"-18	Straight	
065174	5-1/2"	1 1/2"-28	5/8"-18	Straight	
065175	6"	1 1/2"-28	5/8"-18	Straight	Worm gear incorporates a lubrication passage.
065176	6"	1 1/2"-28	5/8"-18	Straight	
065177	5-1/2"	1 1/2"-37	5/8"-18	Straight	

HALDEX AUTOMATIC SLACK ADJUSTERS

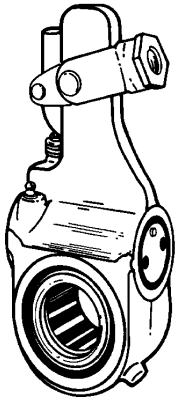


Part No.	Arm	Spline
1010725	5.5"	1 1/2"-28
1010726	6"	1 1/2"-28
1010727	5.5"	1 5/8"-37
1010728	6"	1 5/8"-37
1010730	6"	1 1/2"-10
1010732	5", 6"	1 1/2"-28
1010740	5.5"	1 1/2"-28
1010746	5.5", 6.5"	1 1/2"-28

Part No.	Arm	Spline
1010751	5", 6"	1 1/2"-10
1010756	5.5", 6.5"	1 1/2"-10
1010759	5.5"	1 1/2"-28
1010765	6"	1 1/2"-28
1010771	6"	1 1/2"-28
1010775	5.5"	1 1/4"-10
1010776	5.5"	1 1/4"-24
1010758	Repair Kit------>	

AUTOMATIC SLACK ADJUSTER WITHOUT CLEVIS

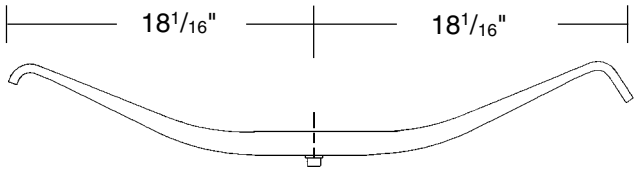
Part No.	Spline Dia.	No. of Teeth	Arm Length	Replaces
AS1132	1.50	10	5.5	C356032
AS1133	1.50	10	6.0	KN52200, AS1000
AS1136	1.25	10	5.5	-
AS1138	1.25	24	5.5	-
AS1140	1.50	28	5.5	AS1020
AS1141	1.50	28	6.0	KN52210, AS1001
AS1144	1.62	37	6.0	KN52200, AS1002



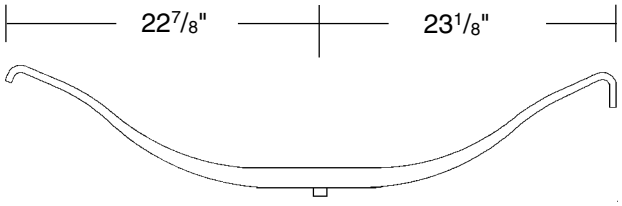
THREADED CLEVIS KIT			
Style	**Size**	**Part No.**	Contains one clevis with 2 clevis pins and cotters. Services one slack adjuster.
Straight	5/8-18	**AS3000**	
Straight	1/2-20	**AS3001**	

STANDENS

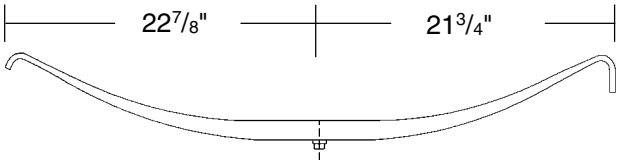
LEAF SPRINGS



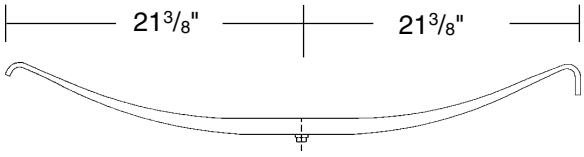
Trailer Spring, Single Leaf - Low 4 3/8" Arch
42.5" Axle Spacing, 22,400 lb. GAWR
Hutchens 7051-42
Part No. TRA026



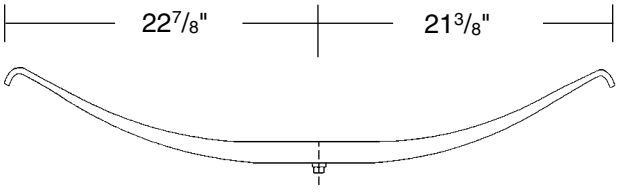
Trailer Spring, Single Leaf - High 7 1/8" Arch
22,400 lb. GAWR
Hutchens 360-00 (TRA-023)
Part No. 360-00



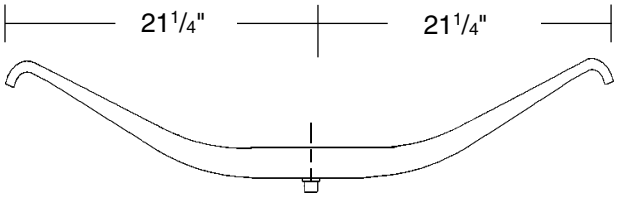
Trailer Spring, Single Leaf - Low Arch
22,400 lb. GAWR
Hutchens 363-00
Part No. 363-00



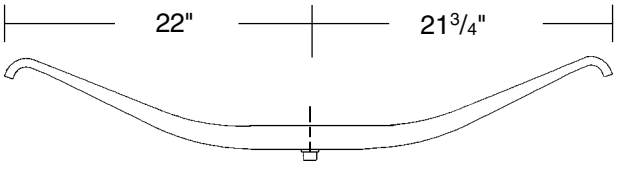
Trailer Spring, Single Leaf, 5 1/4" Arch
Replaces T/M 3-A3-56
Part No. TRA051



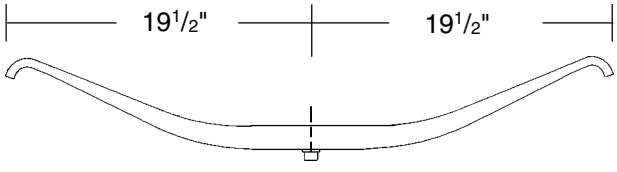
Trailer Spring, Single Leaf, 4 3/4" Arch
10,500 lb. capacity
Replaces Fruehauf UXA0186-1
Part No. TRA011



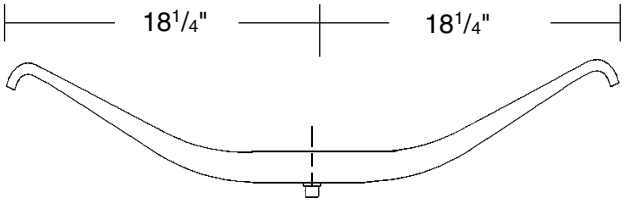
Trailer Spring, Single Leaf
4 3/4" arch, 14,500 lb capacity
Replaces Fruehauf UCC007280-001
Part No. TRA012



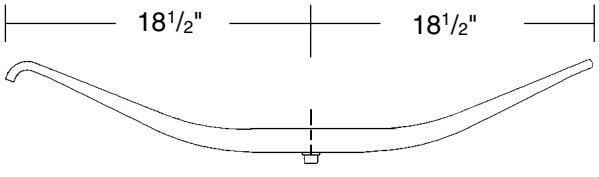
Trailer Spring, Single Leaf
4" Medium Arch, 11,000 lb. capacity
Replaces Reyco T5555, 5555-00
Part No. TRA031



Trailer Spring, Single Leaf
Low 4 5/8" arch, 10,500 lb capacity
Replaces Fruehauf UCD008315-001
Part No. TRA013

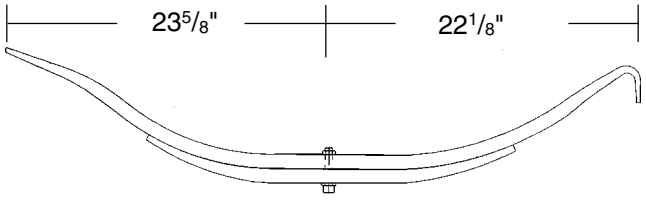


Trailer Spring, Single Leaf
High 4 5/8" arch, 10,500 lb. capacity
Replaces Fruehauf UXA000178
Part No. TRA015

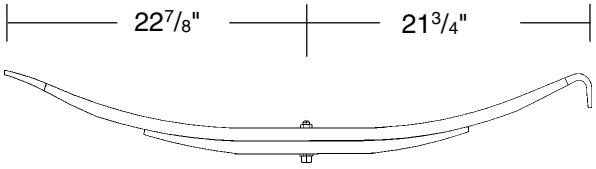


Trailer Spring, Single Leaf
Medium 3" arch, 11,000 lb. capacity
Replaces Reyco T7297
Part No. TRA035

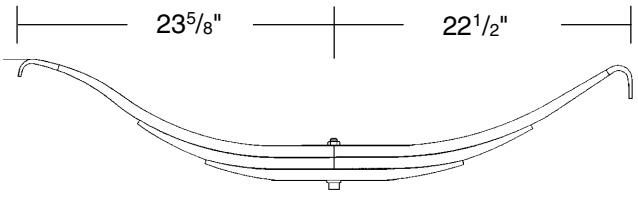
LEAF SPRINGS



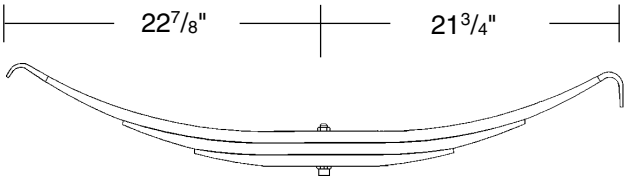
Trailer Spring, Two Leaf - High 6 3/4" Arch
22,400 lb. GAWR
Hutchens 324-00 (TRA-2752)
Part No. 324-00



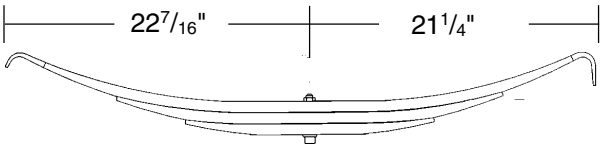
Trailer Spring, Two Leaf - Medium 5 1/4" Arch
22,400 lb. GAWR
Hutchens 326-00 (TRA-2754)
Part No. 326-00



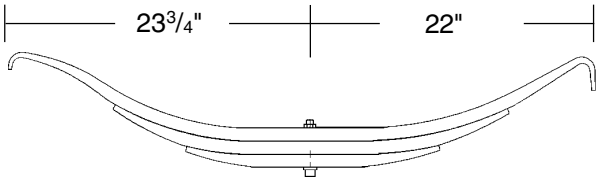
Trailer Spring, Three Leaf - High 6" Arch
22,400 lb. GAWR
Hutchens 354-00 (TRA-2726)
Part No. 354-00



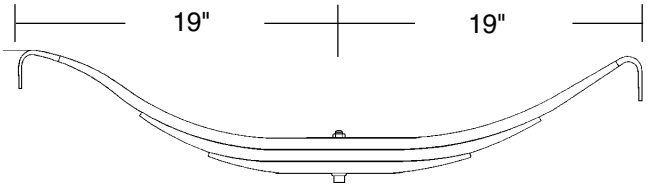
Trailer Spring, Three Leaf - Medium 4 1/2"Arch
22,400 lb. GAWR
Hutchens 355-00 (TRA-2727)
Part No. 355-00



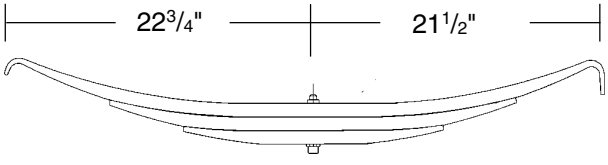
Trailer Spring, Three Leaf - Low 3 5/8" Arch
22,400 lb. GAWR
Hutchens 356-00 (TRA-2728)
Part No. 356-00



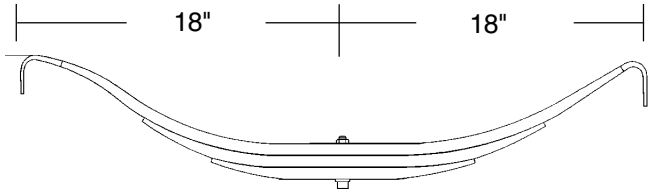
Trailer Spring, Three Leaf - High 5 1/2" Arch
Heavy Duty - 24,000 lb. GAWR
Hutchens 365-00 (TRA-2740)
Part No. 365-00



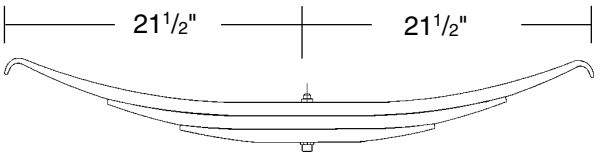
Trailer Spring, Three Leaf, 3 1/2" Arch
10,000 lb. Capacity
Replaces Fruehauf UCE 000100-001
Part No. TRA3603-SP



Trailer Spring, Three Leaf - Low 3 1/4" Arch
Heavy Duty - 24,000 lb. GAWR
Hutchens 365-01 (TRA-2741)
Part No. 365-01



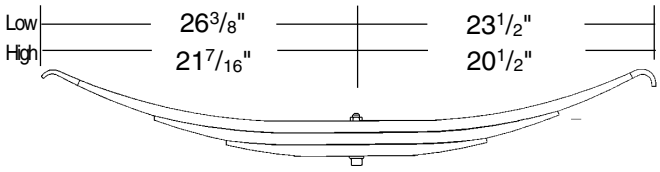
Trailer Spring, Three Leaf, 3 1/2" Arch
10,000 lb. Capacity
Replaces Fruehauf UCE 000101-001
Part No. TRA3604-SP



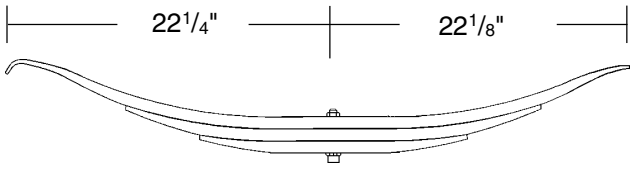
Trailer Spring, Three Leaf, 4 1/8"
10,000 lb. Capacity
Replaces Fruehauf UCD 000511-001 (TRA-693)
Part No. UCD0511-1-693

STANDENS

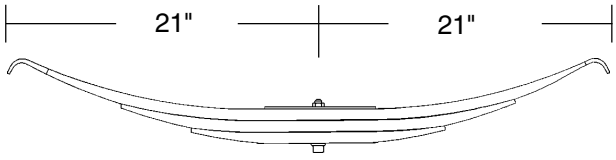
LEAF SPRINGS



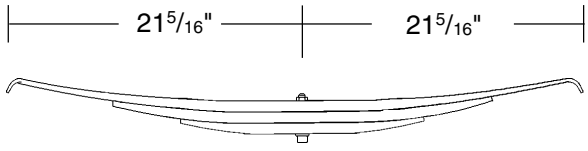
Trailer Spring, Three Leaf
11,000 lb. Capacity
Model 86, 88
Part No. 0079-02 (Low 3 5/8" Arch) (TRA-3340)
Part No. 0079-01 (High 5 3/8"Arch) (TRA-3341)



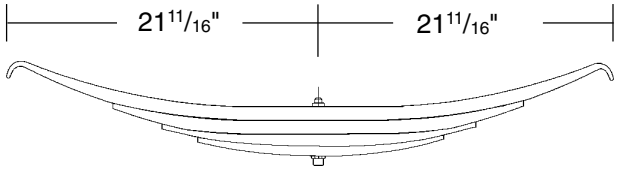
Trailer Spring, Three Leaf, 5 1/8" Arch
Dayton
New Style
Part No. TRA344-SP



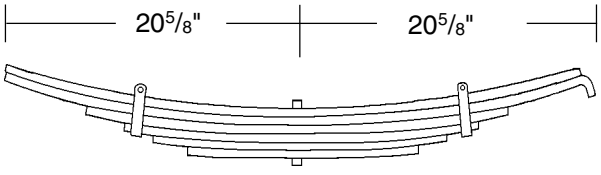
Trailer Spring, Three Leaf, 4 3/16" Arch
3-1/2" Wide
Replaces Trailmobile 3-A3-62, TRA1492
Part No. TRA1492



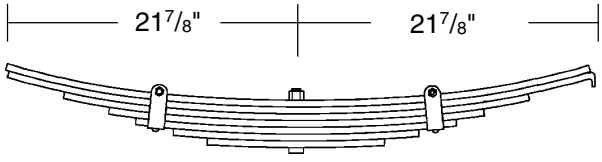
Trailer Spring, Three Leaf - Low 1 1/2" Arch
Replaces Fruehauf UAC007981-001
Part No. TRA697



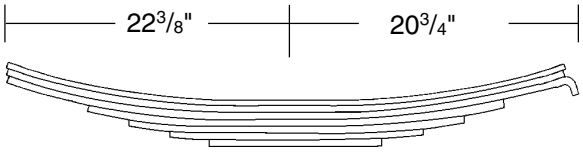
Trailer Spring, Four Leaf, 4 1/8" Arch
Replaces Fruehauf UCB0201
Part No. TRA699



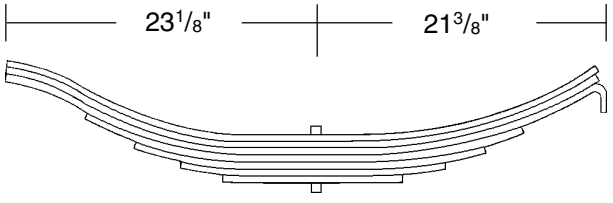
Trailer Spring, Six Leaf, 3 7/8" Arch
Replaces Trailmobile 3-A3-47
Part No. TRA1477-SP



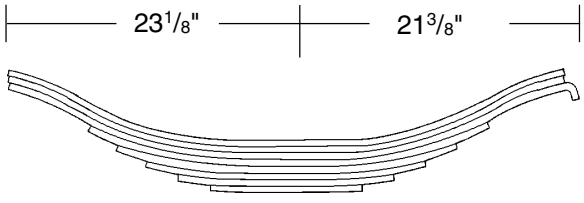
Trailer Spring, Seven Leaf Medium 4 1/4" Arch
Replaces Reyco T3086, 9,000 lb.
21B Suspension
Part No. TRA2256-SP



Trailer Spring, Seven Leaf - Low 2 3/4" Arch
Hutchens 751-01 (TRA-2706)
Part No. 751-01

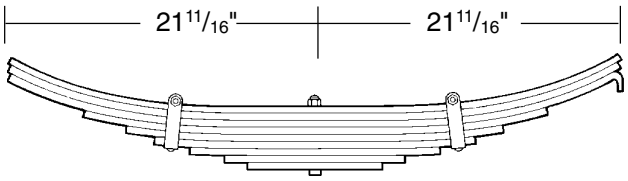


Trailer Spring, Seven Leaf - High 5" Arch
Hutchens 751-05 (TRA-2705)
Part No. 751-05

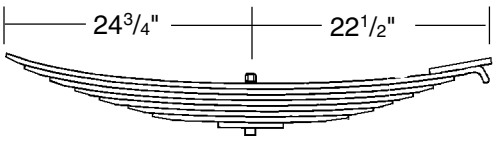


Trailer Spring, Eight Leaf - High 5" Arch
Hutchens 752-05 (TRA-2260)
Part No. 752-05

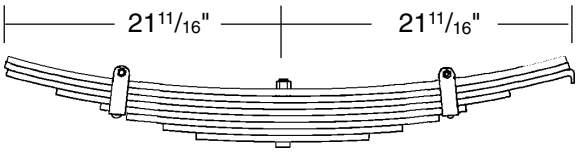
LEAF SPRINGS



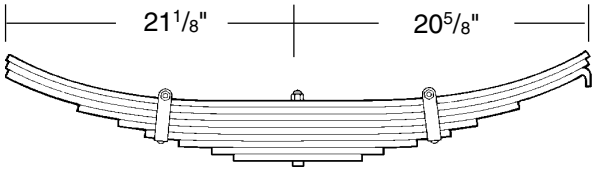
Truck Spring, Eight Leaf 3" Arch, 3 1/2" Wide
Replaces Navistar 493692C91
For Four Spring Tandem
Part No. 55-021



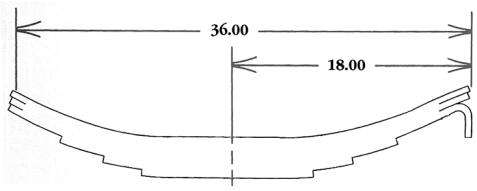
Truck Spring, Eight Leaf 2 3/8" Arch
Replaces Navistar 493692C91
Four Spring Tandem
Part No. 46-897



Trailer Spring, Eight Leaf, 3 5/8" Arch
Replaces Reyco T3564, 11,000 lb.
21B Suspension
Part No. TRA2270

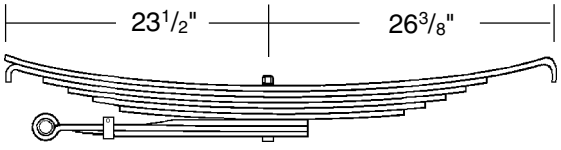


Trailer Spring, Nine Leaf 2 1/2" Arch
Replaces Reyco T7542, 21B
Part No. TRA2297-SP

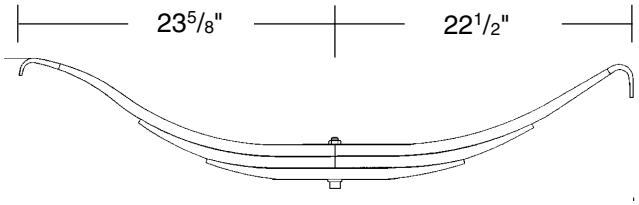


Trailer Spring, Six Leaf, Low Arch
24,000 lb. capacity. Replaces 751-04

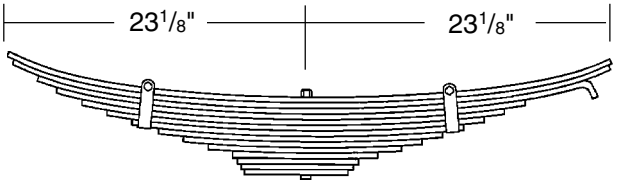
Part No. TRA2717



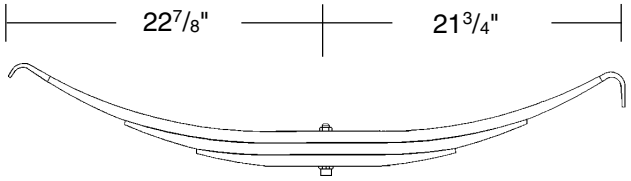
Six Leaf - 3 Leaf Truck Spring, 5 1/4" Arch
Replaces White 8027418 8000 lb.
Part No. 96-999



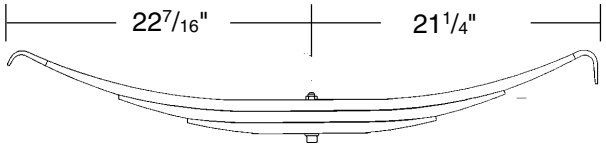
Trailer Spring, Three Leaf, 6" Arch
24,000 lb. capacity. Replaces 354-00
IMPORTED
Part No. TRA-2726-SP



Truck Spring, Fourteen Leaf Medium 4 5/8" Arch
Replaces Reyco 09475-01
8500 lb., for 101A, 102, 102W
Part No. 83-115

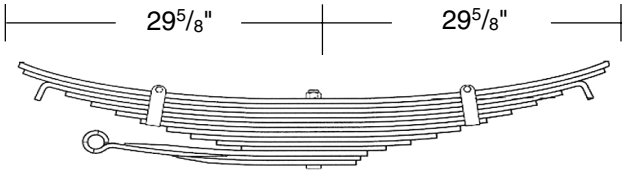


Trailer Spring, Three Leaf, 4-1/2" Arch
24,000 lb. capacity. Replaces 355-00
IMPORTED
Part No. TRA-2727-SP



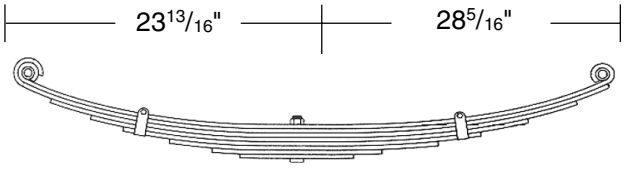
Trailer Spring, Three Leaf, 3-5/8" Arch
24,000 lb. capacity. Replaces 356-00
IMPORTED
Part No. TRA-2728-SP

LEAF SPRINGS



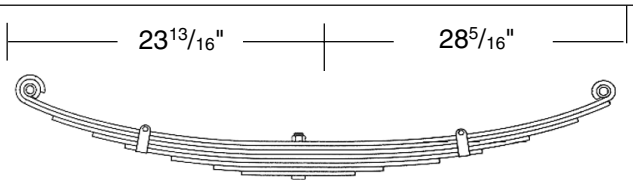
Ford Drive 3, 8/3/3 Leaf, 7 ” Arch
10,400 lb. capacity.

Part No. 43-415



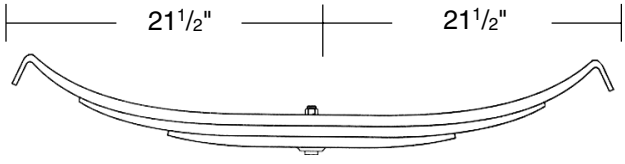
Ford L Series, 10 Leaf, 5 7/8 ” Arch
7,200 lb. capacity.

Part No. 43-432



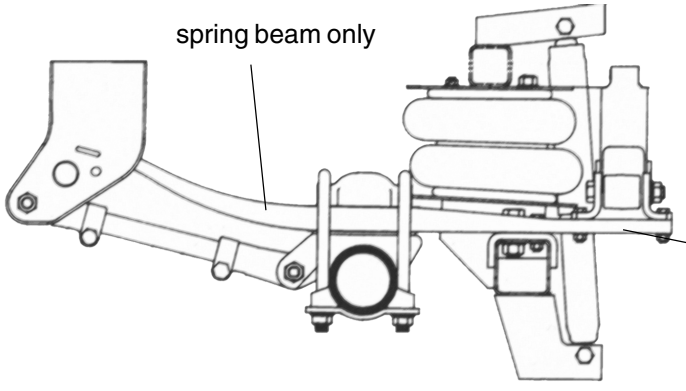
Ford L Series, 11 Leaf, 4 3/4 ” Arch
8,200 lb. capacity.

Part No. 43-434



Fruehauf F Series, 1 Leaf, 3 1/2 ” Arch
10,500 lb. capacity.

Part No. TRA-018



Reyco Granning SUSPENSIONS

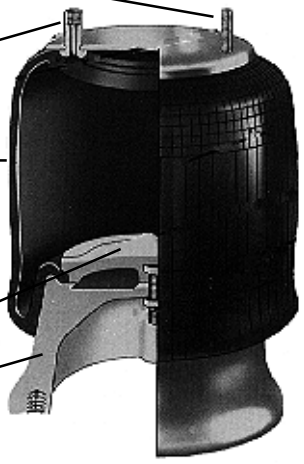
REYCO 86 AR Spring Beam Assembly

Part No. 19913K1 (LH)
Part No. 19913K1 (RH)

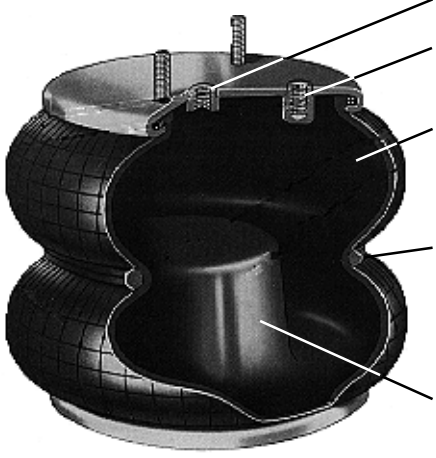
WE CAN GET YOU THE SPRING YOU NEED TO DO THE JOB!!

SUPER-CUSHION®
Air Springs For Trucks and Trailers

ROLLING LOBE AIR SPRING
(1R Design)
(1S Design)



DOUBLE CONVOLUTION AIR SPRING
(2B Design)
***EXTEND-AIR*™ DESIGN**



Unique Product Identification System

The Super-Cushion air spring assembly part number consists of the **Product Description** and the **Assembly Number**. Elements of this system are shown in this example for ordering a 2B12-300 assembly.

Product Description

2 B 12 - 300

Assembly Number

These three numbers identify specific end retainers, air fitting size, flex members and bumpers.

This is the **nominal outside working diameter** of the air spring assembly, in inches. (**It is not the maximum diameter**).

This letter refers to the **type of air spring**:
B - Bellows
R - Rolling lobe (bead type conventional)
S - Sleeve (beadless rolling lobe type)

Number of convolutions in the assembly:
1 - single convolute
2 - double convolute
3 - triple convolute

GOODYEAR AIR SPRING IDENTIFICATION AND APPLICATION

HOW TO CHOOSE THE CORRECT REPLACEMENT AIR SPRINGS

Many air springs appear to be similar is design and size at first glance. However, differences in the manufacturing techniques used for similar looking air springs may create substantial differences in operating characteristics and operating dimensions. Specifically, the inflated (or operating) diameters of seemingly identical air springs will vary depending on the angle of the reinforcing fabric used in the flexible member.

For example, air spring models 1R12-092 and 1R13-039 appear very similar when first examined. However, the 1R12-092 model will inflate (operate) on a vehicle at approximately 12" diameter, while the 1R13-039 model will operate at 13" diameter. In a substitution of the 1R13-039 air spring for the 1R12-092 in a truck trailer suspension, the larger air spring inflated diameter would most likely rub on another suspension component such as a tire, shock absorber, or bracket and cause failure within a few miles.

Air springs with interference type failures will not be considered for warranty claims. Be sure to select the correct replacement!

To select the proper Goodyear Super-Cushion replacement air springs, use the following procedure:

1. If the OE assembly part number is known, use the cross reference guides in this catalog to find the replacement.

CAUTION

Numbers molded on the rubber bag (flexible member) are not the assembly part numbers. Bags with the same numbers are used with different combinations of top and bottom metals. They may or may not have an internal rubber bumper.

2. If the OE assembly number is not known, examine the old air spring for:

A. Rubber flexible member number (molded in). This number begins with either 566 or AS4.

B Piston number (if the air spring is a rolling lobe or piston type.)

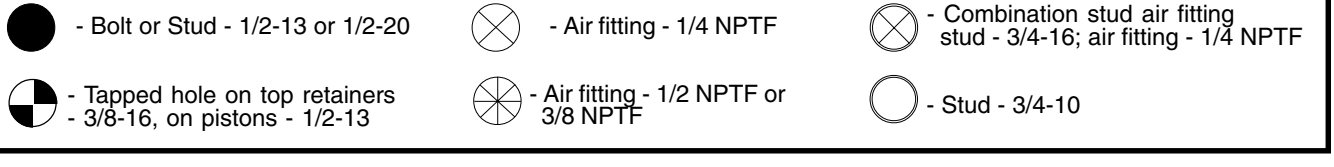
The extended and compressed heights should be measured when the air spring is completely unrestricted and with no inflation pressure. Measure from the bottom of the piston (or bottom bead plate) to the top of the upper bead plate as shown in the examples on the previous page.

NOTES:

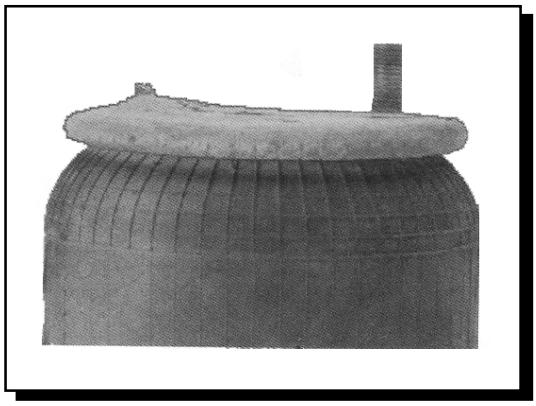
1. When replacing a Firestone 1T type air spring with a Goodyear Super-Cushion 1R type air spring, be sure the truck or trailer upper mounting plate (the plate with two holes) has no sharp corners. If the plate is less than 10 inches across, or has sharp corners, use optional mounting plate 566-20-9-023 on the replacement Super-Cushion air spring. It will be necessary to remove the clamping plate stamped AS3-20-9-002 by cutting the Tinnerman clips with diagonal cutters before installing the larger mounting plate.

2. If the air spring you are replacing has studs (retainers) attached to the top or bottom plate, and the Goodyear Super-Cushion is identical except that it has recessed blind taps, used the optional shoulder studs 578-92-9-056. Screw these into the plate using Locktite #271 or equivalent thread lock to insure that the studs do not loosen in service.

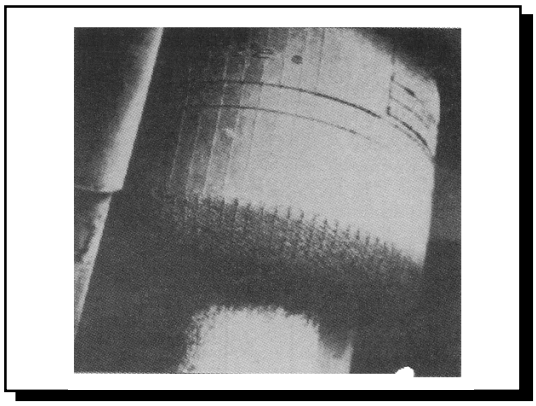
If you wish to use cap screws or your own bolts to attach air springs with recessed blind nuts to the suspension, the screw must have 3/8-16 threads and must extend no more than .562" into the blind taps. Deeper penetration will cause the new air spring to leak and it cannot be repaired satisfactorily. Air springs with damaged blind taps can not be considered for warranty claims.



CAUSES OF FAILURE



Over-extension of the air spring results from unrestrained travel of the axle, which eventually tears the bellow away from the metal top plate or the bottom piston.



Normal cycle fatigue - which when compared to the other causes cited, occurs the least often.

Over-Extension:

Over-extension results form unrestrained downward travel of the axle that forces the air spring to consistently operate beyond its maximum extended height. The first sign of damage on an overextended spring usually is the bellow separating from the metal top plate or at the piston.

Air spring failures resulting from over-extension are most commonly seen on lift axle applications and particularly on trucks or tractors used in severe on/off road service such as construction, logging, or quarrying.

On those types of vehicles, check to see if the shock absorbers need to be repaired, replaced or are missing - not an unusual occurrence. Although shocks were not designed as axle travel limiting devices, they are often the only defense against over-extension.

Solution:

Bring the air spring back into the proper operating zone by: limiting axle travel, checking leveling valve for proper operation, adjusting leveling valve to proper ride height and checking for proper application.

Normal Cycle Fatigue:

Longitudinal fatigue cracks will appear in the outer surface of the rubber as part of the normal aging process. They are created by the constant up and down cycling to which the bellow is subjected.

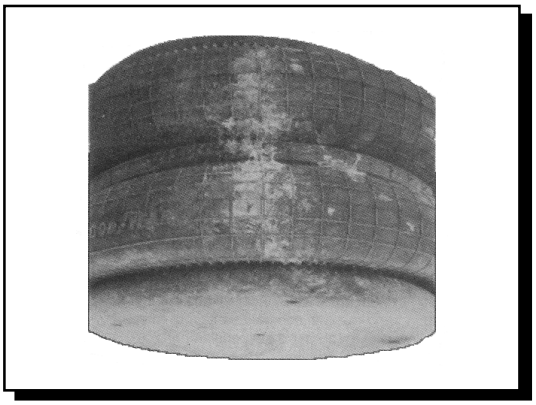
If an air suspension system is well maintained, air springs will deliver long operating performance. Even though air springs are not often allowed to fatigue naturally.

Knowing what to look for and how to correct these problems can prove to be extremely productive for you, both in air spring suspension service/repair, and in gaining your customers' confidence and business.

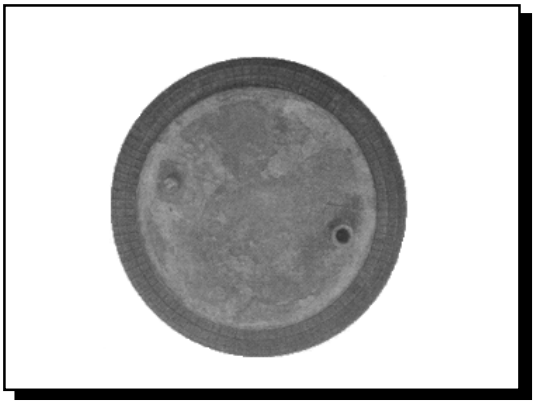
Solution:

Know your limitations. Air springs can't last forever. Check for wear in your Preventative Maintenance schedule and record expected life. Replace before a failed spring strands you.

CAUSES OF FAILURE



Chemicals that, in time, literally eat a hole in the rubber cause deterioration of the bellow.



Deterioration of the top plate or piston - can be caused by chemicals, and/or the result of road debris. Both problems finally cause premature failure.

Damage From Chemicals:

A prime substance that robs air springs of life is the grease that is applied to other vehicle components to sustain their smooth operating life.

Excessive grease applied to a universal joint can be slung off during rotation onto one or both of the air springs of the lead axle/air suspension configuration in a tandem setup. Aggressive application of grease to a fifth wheel will have the same damaging affect on either or both of the rear air springs in a tandem setup.

Solution:

Periodically check condition of the air spring. Check for excessive oil or water in the air supply. Check seals, avoid excessive greasing, watch for content spillage. Check for debris build up at the piston, girdle hoops, bead plate. Keep them clean. Use soap and water - never a petroleum-based cleaner.

Corrosion and Impacts:

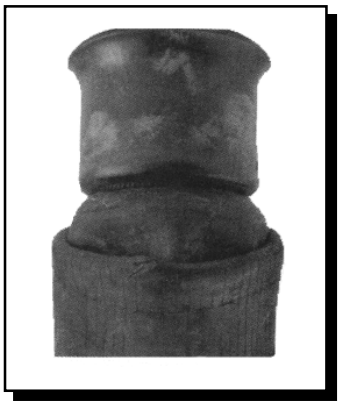
As with any other metal part on a vehicle, the top plate of an air spring is subject to rust which ultimately will eat a hole into it. Although pistons generally are made of corrosive-resistant aluminum or composite plastic material, they are subject to pitting from salt.

The pitting eventually will wear a hole (or holes) into the rubber bellow as it slides over the piston in its normal course of operation. Road debris also can be flung against the piston, causing it to crack.

Solution:

Periodically check condition of the air spring. Check for excessive oil or water in the air supply. Check seals, avoid excessive greasing, watch for content spillage. Check for debris build up at the piston, girdle hoops, bead plate. Keep them clean. Use soap and water - never a petroleum-based cleaner.

AIR SPRINGS



Abrasion:

Abrasion of the rubber bellow can be caused in two ways: Contact with other components on the vehicle, or with foreign objects. In the first instance, more often than not, an air line that feeds the suspension or braking system is the culprit. This usually occurs more often on tractors rather than on trailers because of the need to locate multiple lines in a more compact area.

Simple road dirt and debris in over -the-road, line haul applications, also can cause bellow abrasion. Additionally, the potential for bellow abrasion is higher during the winter months when sand, gravel or salt is spread on roads to melt snow and ice and provide traction. Those substances will accumulate around the piston or bead plates of the air spring and eventually rub a hole in the bellow as it moves over the abrasive material in normal operation.

Abrasion damage to an air spring may be caused by other worn or failed parts in the air suspension system. Worn bushings, for example, will throw an air spring out of its operating envelope.

A leak or pinch in the airline to the suspension system can cause under-inflation of the air spring and result in constant contact of the rubber bellow with an abrasive suspension part. Eventually this can wear a hole in the bellow. This type of abrasive failure is more common in the rolling lobe style air spring. In over-the-road applications, abrasive wear will take place on empty trailers or tractors "bob tailing," since one axle can support the vehicle weight as the other axle "airs out." When one or more, but not all, air springs become under-inflated in the operation of a vehicle, the under-inflated springs have a tendency to deform, instead of falling uniformly over the piston.

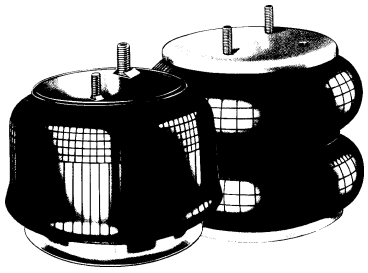
Solution:

Clear air spring of obstructions or contact by: checking for proper air supply, securing all surrounding parts to eliminate contact with bellow, strap air supply lines away from the bellow, check for proper application.

AIR SUSPENSION MAINTENANCE VEHICLE CHECKLIST

- Check air lines and fittings for leaks: rubbing on air spring.
- Check for proper clearance around air spring when inflated. Generally, a minimum of 1-1/2" will allow for the increased diameter which occurs in heavy jounce.
- Periodically, check suspension for proper ride height. This dimension should be maintained +/- 1/4" to protect shocks and springs from over-extension or frequent bottoming out of the suspension.
- When doing routine vehicle maintenance, block up the suspension and check for irregular wear or material build-up on the flexmember. Clean, if necessary, using a non-petroleum based cleaning solution.
- Check rolling lobe piston for material build-up. Hardened debris on the piston will shorten spring life and should be removed as part of your regular maintenance.
- Check shock absorbers for any signs of leaking hydraulic fluid, broken end connections, worn bushings or cylinder over extension.
- Periodically, check nuts and bolts for proper torque. See manufacturer's manual for specific recommendations.
- Check height control valve to see that it is functioning properly. Clean or replace, if necessary. A properly maintained valve will save hundreds of dollars in unneeded maintenance expense.

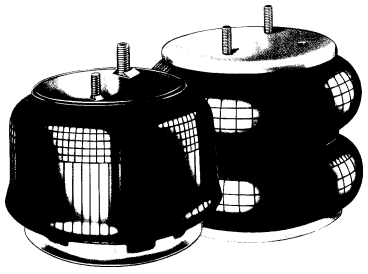
AIR SPRINGS



GOODYEAR

Part No.	Description	Replaces
1R10-120	Air Spring for RL-196-14	Neway 90557120
1R10-122	Air Spring for RL-196	Neway 90557139
1R11-018	Air Spring for Rolling Lobe	Firestone 9073, 9415
1R11-028	Air Spring Rolling Lobe	Firestone 9422
1R11-166	Air Spring for RL-196-15, RL-196-16	Neway 90557121
1R11-171	Air Spring Rolling Lobe	Firestone 9421
1R11-221	Air Spring	
1R11-222	Air Spring Rolling Lobe	Firestone 9625
1R12-066	Air Spring Rolling Lobe	Firestone 9083
1R12-069	Air Spring Rolling Lobe	Firestone 9069
1R12-090	Air Spring Rolling Lobe	Firestone 9213
1R12-092	Air Spring Rolling Lobe	Firestone 9082
1R12-095	Air Spring Rolling Lobe	Firestone 9039
1R12-103	Air Spring Rolling Lobe	Firestone 9101
1R12-113	Reversible	------
1R12-132	Air Spring Rolling Lobe	Firestone 9302
1R12-142	Air Spring Rolling Lobe	Firesone 9241
1R12-167	Air Sping Rolling Lobe	Firestone 9192
1R12-182	Air Spring Rolling Lobe	Firestone 9219
1R12-188	Air Spring Rolling Lobe	Firestone 9223
1R12-195	Air Spring Rolling Lobe	Firestone 9349
1R12-256	Air Spring Rolling Lobe	Firestone 9321
1R12-261	Air Spring	Triangle 8358
1R12-279	Air Spring	Firestone 9394
1R12-281	Air Spring Rolling Lobe	UCE009393-001
1R12-303	Air Spring Rolling Lobe	R/S 1R12-186
1R12-325	Air Spring	Firestone 9567
1R12-352	Air Spring	Firestone 9010
1R12-355	Air Spring Rolling Lobe	Firestone 9078
1R12-358	Air Spring Rolling Lobe	Firestone 9096
1R12-363	Air Spring, ART Suspensions	Firestone 9320
1R12-365	Air Spring Rolling Lobe	Firestone 9466
1R12-370	Air Spring Rolling Lobe	Firestone 9070
1R12-400	Air Spring	Firestone 9296
1R12-401	Air Spring SGL, Lobe	Navistar 1670043C1
1R12-404	Air Spring	Firestone 9375

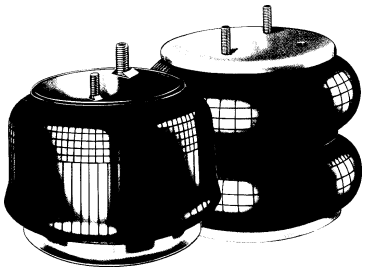
AIR SPRINGS



GOODYEAR

Part No.	Description	Replaces
1R12-424	Air Spring Rolling Lobe	Firestone 9287
1R12-438	Air Spring	Ridewell
1R12-441	Air Spring for AR90-1-14, AR90-1-17	Firestone 9362
1R12-467	Air Spring	
1R12-481	Air Spring AR92/93, RL-228-17	Neway 90557118
1R12-502	Air Spring for RL228, AR92/93	Neway 90557117
1R12-504	Air Spring	Firestone 9471
1R12-508	Air Spring	
1R12-532	Air Spring for RL-228-17	Firestone 9932
1R12-580	Air Spring	Firestone 9370
1R12-552	Air Spring for AD Suspensions	Neway 90557212
1R13-038	Air Spring Rolling Lobe	Firestone 9122
1R13-039	Air Spring Rolling Lobe	Firestone 9121
1R13-070	Air Spring Rolling Lobe	Neway 90557070
1R13-097	Air Spring Rolling Lobe	Firestone 8752
1R13-109	Air Spring	Ridewell 1001R13109G
1R13-115	Air Spring Rolling Lobe	Firestone 9250
1R14-028	Air Spring Rolling Lobe	Firestone 9177
1R14-030	Air Spring Rolling Lobe	Firestone 9158
1R14-037	Air Spring Rolling Lobe	Firestone 9215
1R14-039	Air Spring Rolling Lobe	FS 8050
1R14-042	Air Spring	Firestone 8052
1R14-045	Air Spring	1T Reversible Air Bag
1R14-113	Air Spring	Firestone 5505
1R14-137	Air Spring For AR80--9	Neway 90557125
1R14-174	Air Spring Rolling Lobe	Neway 90557200
2B10-226	Air Spring DBL Convolution	Firestone 7795
2B12-300	Air Spring DBL Convolution	Firestone 7424
2B12-305	Air Spring DBL Convolution	Firestone 7443
2B12-307	Air Spring DBL Convolution	Firestone 7403
2B12-309	Air Spring DBL Convolution	Firestone 7400
2B12-320	Air Spring DBL Convolution	Firestone 7401
2B12-402	Air Spring DBL Convolution	Firestone 7446
2B12-406	Air Spring DBL Convolution	Firestone 7410
2B12-432	Air Spring	Firestone 7432
2B12-440	Air Spring DBL Convolution	Reyco 18813-01

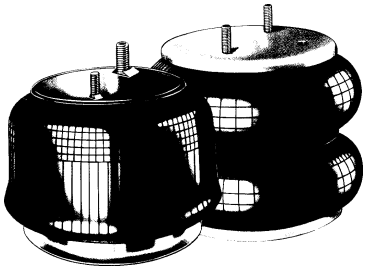
AIR SPRINGS



GOODYEAR

Part No.	Description	Replaces
2B14-356	Air Spring DBL Convolution	Firestone 7136
2B14-359	Air Spring DBL Convolution	Firestone 7140
2B14-360	Air Spring DBL Convolution	Firestone 7135
2B14-365	Air Spring DBL Convolution	Firestone 6801
2B14-366	Air Spring	Firestone 6803
2B8-550	Air Spring DBL Convolution	Firestone 7325
2B9-200	Air Spring DBL Convolution	Firestone 6910
2B9-201	Air Spring DBL Convolution	Firestone 6902
2B9-206	Air Spring DBL Convolution	Firestone 6905
2B9-210	Air Spring Watson/Chalin	Firestone 6908
2B9-218	Air Spring DBL Convolution	Firestone 6927
2B9-229	Air Spring DBL Convolution	Firestone 6897
2B9-250	Air Spring DBL Convolution	Firestone 6943
2B9-251	Air Spring DBL Convolution	Firestone 6948
2B9-252	Air Spring DBL Convolution	Firestone 6944
2B9-253	Air Spring DBL Convolution	Firestone 6946
2B9-255	Air Spring DBL Convolution	Firestone 6947
2B9-266	Air Spring DBL Convolution	
3B12-300	Air Spring Triple Convolution	Firestone 7424
3B12-303	Air Spring Triple Convolution	Firestone 8018
3B12-312	Air Spring Triple Convolution	Firestone 8033
3B12-319	Air Spring	Firestone 7409
3B14-356	Air Spring Triple Convolution	Firestone 7798, 7838
3B14-359	Air Spring Triple Convolution	Firestone 7818, 7839
3B14-360	Air Spring Triple Convolution	Firestone 7800, 7848
3B14-364	Air Spring Triple Convolution	Firestone 7843
3B14-365	Air Spring	
3B14-367	Air Spring	Firestone 7847

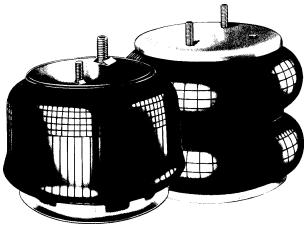
AIR SPRINGS



HENDRICKSON

Part No.	Description	Applications
S20127	Air Spring	HT250US
S20217	Air Spring	HT190U
S20223	Air Spring	HS190T, HT190T
S20716	Air Spring	HT250U, HT250US
S20900	Air Spring	AA230
S21784	Air Spring	AA250,HKA250
S21800	Air Spring	AA230,HKA180
S21966	Air Spring	HKA200, AA230,HKA200
S22045	Air Spring	HK190T
S22046	Air Spring	HK230
S22697	Air Spring	HT200UAM, HK200M
S22948	Air Spring	HKA180 Vantraax
S4771	Air Spring	HT300/HS300

AIR SPRINGS

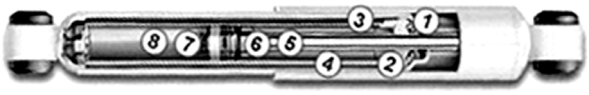


NEWAY®

Part No.	Description	Application
90557112	Air Spring	AR90-14
90557123	Air Spring	ARDAB-120/240-5
90557156	Air Spring	RL228-14/16
90557157	Air Spring	RL228-17
90557167	Air Spring	RL250-14/15
90557168	Air Spring	RL250-12/16/17
90557203	Air Spring	CBL Lift Kits
90557213	Air Spring	AD123/AD246
90557216	Air Spring	AD Series
90557223	Air Spring	Wabash WW190
90557225	Air Spring	NS190
90557257	Air Spring	CBL Lift Kits

SHOCK ABSORBERS

GAS MAGNUM-60



Construction Features

1. *Unique Seal*
2. *Nitrogen Gas Charge*
3. *2-Inch or 2 3/8-Inch Reserve Tube***
4. *1 3/8-Inch Bore**
5. *5/8-Inch Diameter Piston Rod*
6. *Unique Hydraulic Rebound Lockout***
7. *Nylon-Banded Piston**
8. *10-Stage Full Displaced Valving**

* on most applications
** when required

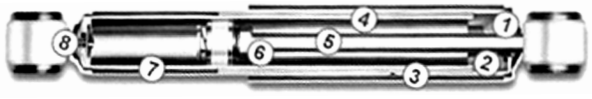
MONROE®

Gas-Magnum 60 Shock Absorbers

Gas-Charged shock for class 3 to 8 vehicles

- Made for medium and heavy trucks and tractors.
- Gas-charged for quicker response and a more comfortable ride.
- Replacing worn-out shocks with Gas-Magnum 60 shocks can help reduce excessive vibration. Resulting in better tire life, less downtime and a lower cost per mile.

GAS MAGNUM-65



Construction Features

1. *Single Lip, Low-Friction Oil Seal*
2. *Sintered Iron Rod Guide with Teflon® Bushing*
3. *Nitrogen Gas Charge*
4. *Large 1 3/4-Inch Piston Bore*
5. *18mm Diameter Super Finished Heavy Chrome Piston Rod*
6. *Unique Hydraulic Rebound Lockout***
7. *Heavy Wall Drawn Over Mandrel Pressure Tube*
8. *Arc Welded Mounts with Solid Loops & Bonded Bushings**

MONROE®

Gas-Magnum 65 Shock Absorbers

Gas-Charged shock for air spring and taper leaf suspensions

- Designed for air spring and taper leaf suspensions.
- Nitrogen Gas-charged for a quicker response in a heavy duty truck suspensions.
- The gas charge and large piston bore provide the consistent control and efficiency that's necessary for demanding truck suspensions.

* on most applications
** when required

MONRO-MAGNUM 70

Construction Features

1. *Multi-Lip Fluid Seal*
2. *Hardened 7/8-Inch Diameter Piston Rod*
3. *Large 1 3/4-Bore for Ride Control*
4. *Unique Hydraulic Rebound Lockout***
5. *Nylon Piston Band Prevents Leakage Past Piston*
6. *Hydraulic Fluid Tested to Perform in all Weather Conditions*
7. *Heavy Wall Pressure Tube*
8. *Resistance & Arc Welded Mounts*

MONROE®

Monro-Magnum 70 Shock Absorbers

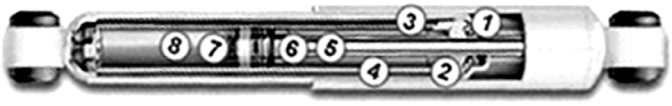
Hard Working Shocks for Most Any Application

- Provide a firm controlled ride for greater stability and comfort.
- Designed to fit most any medium to heavy duty truck, tractor, trailer or bus.
- Monro-Magnum shocks meet or exceed the requirements specified by OEM's

* on most applications
** when required

SHOCK ABSORBERS

GAS MAGNUM-60



MONROE®

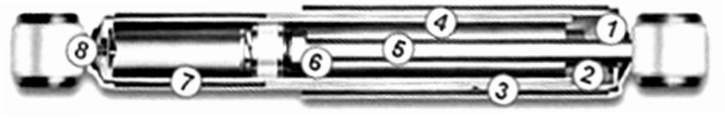
HEAVY DUTY SHOCK ABSORBERS

GAS MAGNUM 60 SHOCK ABSORBERS					
Part No.	**Description**	**Replaces**	**Part No.**	**Description**	**Replaces**
66123M	Gas Magnum 60	Volvo/White/GMC	**66714M**	Gas Magnum 60	Volvo/White
66132M	Gas Magnum 60	Freightliner/Cent	**66715M**	Gas Magnum 60	Autocar
66145M	Gas Magnum 60	29-02455	**66716M**	Gas Magnum 60	
66147M	Gas Magnum 60	18-29846-000	**66811M**	Gas Magnum 60	Ford/Kenworth
66152M	Gas Magnum 60		**66828M**	Gas Magnum 60	Bluebird/Ford
66159M	Gas Magnum 60		**66829M**	Gas Magnum 60	
66181M	Gas Magnum 60		**66833M**	Gas Magnum 60	Fruehauf/Great Dane
66189M	Gas Magnum 60		**66841M**	Gas Magnum 60	
66502M	Gas Magnum 60		**66860M**	Gas Magnum 60	Ford/Navistar
66605M	Gas Magnum 60	Chevy/GMC/IHC	**66861M**	Gas Magnum 60	Ford/Navistar
66607M	Gas Magnum 60	Bluebird/Neway	**66863M**	Gas Magnum 60	Ford/Navistar
66608M	Gas Magnum 60	90044162	**66878M**	Gas Magnum 60	Chevy/GMC/Reyco
66610M	Gas Magnum 60	Neway	**66884M**	Gas Magnum 60	Bluebird/GreatDane
66613M	Gas Magnum 60	Freightliner	**66886M**	Gas Magnum 60	GreatDane/Ridewell
66626M	Gas Magnum 60		**66891M**	Gas Magnum 60	83215, 85001
66627M	Gas Magnum 60	90044868	**66893M**	Gas Magnum 60	Fruehauf/Neway
66628M	Gas Magnum 60	GMC/Chevy	**66894M**	Gas Magnum 60	
66634M	Gas Magnum 60	90044982, Neway	**66898M**	Gas Magnum 60	Volvo/White
66636M	Gas Magnum 60	Hendrickson	**66913M**	Gas Magnum 60	Chevy/GMC
66637M	Gas Magnum 60	Chevy/GMC	**66921M**	Gas Magnum 60	Navistar
66638M	Gas Magnum 60	Chevy/Ford/ICH	**66923M**	Gas Magnum 60	Navistar/IHC
66656M	Gas Magnum 60	Hendrickson	**66924M**	Gas Magnum 60	Navistar/IHC
66660M	Gas Magnum 60		**66956M**	Gas Magnum 60	
65480M	Gas Magnum 60	Hendrickson	**66957M**	Gas Magnum 60	Hendrickson/Reyco
66707M	Gas Magnum 60	Volvo/White	**66969M**	Gas Magnum 60	Hendrickson/Reyco
66710M	Gas Magnum 60	IHC/Neway			

SHOCK ABSORBERS

GAS MAGNUM-65

MONROE®
HEAVY DUTY SHOCK ABSORBERS

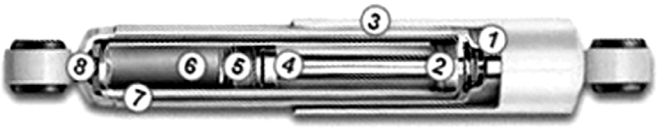


GAS MAGNUM 65 SHOCK ABSORBERS

Part No.	Description	Replaces	Part No.	Description	Replaces
65101M	Gas Magnum 65	Peterbilt	**65405M**	Gas Magnum 65	Peterbilt/Volvo
65102M	Gas Magnum 65	Ford/Kenworth	**65406M**	Gas Magnum 65	Autocar/Volvo
65103M	Gas Magnum 65	Ford/Mack/IHC	**65415M**	Gas Magnum 65	Autocar/Volvo
65105M	Gas Magnum 65	Volvo/White	**65416M**	Gas Magnum 65	East/Hendrickson
65106M	Gas Magnum 65	Navistar/Thomas	**65418M**	Gas Magnum 65	Neway
65107M	Gas Magnum 65	Navistar/IHC	**65419M**	Gas Magnum 65	Hendrickson-20001
65108M	Gas Magnum 65	Hendrickson/IHC	**65420M**	Gas Magnum 65	Bluebird/Ford
65109M	Gas Magnum 65	Navistar/IHC	**65421M**	Gas Magnum 65	Fruehauf/Neway
65110M	Gas Magnum 65	Mack/PAI	**65426M**	Gas Magnum 65	
65111M	Gas Magnum 65	Ford	**65429M**	Gas Magnum 65	Ford/Sterling
65112M	Gas Magnum 65	Ford	**65432M**	Gas Magnum 65	
65113M	Gas Magnum 65	Peterbilt	**65434M**	Gas Magnum 65	Peterbilt
65116M	Gas Magnum 65	Mack Truck	**65435M**	Gas Magnum 65	Freightliner
65123M	Gas Magnum 65	Ford	**65436M**	Gas Magnum 65	Kenworth
65130M	Gas Magnum 65		**65444M**	Gas Magnum 65	GMC/Navistar
65133M	Gas Magnum 65		**65466M**	Gas Magnum 65	Autocar/Volvo
65139M	Gas Magnum 65	Freightliner	**65480M**	Gas Magnum 65	
65400M	Gas Magnum 65	Peterbilt	**65482M**	Gas Magnum 65	66614M
65401M	Gas Magnum 65	Peterbilt	**65484M**	Gas Magnum 65	Volvo/White/GMC
65402M	Gas Magnum 65	Peterbilt	**65486M**	Gas Magnum 65	Volvo/White/GMC
65404M	Gas Magnum 65	Kenworth			

MONRO-MAGNUM 70

MONROE®
HEAVY DUTY SHOCK ABSORBERS



MONRO-MAGNUM 70 SHOCK ABSORBERS

Part No.	Description	Replaces	Part No.	Description	Replaces
74003M	Monro-Magnum 70	Fruehauf/Ridewell	**74408M**	Monro-Magnum 70	Euclid
74025M	Monro-Magnum 70	Hendrickson/Chevy	**74409M**	Monro-Magnum 70	Kenworth
74028M	Monro-Magnum 70	Freightliner/Ford	**74413M**	Monro-Magnum 70	Flxible/Kenworth
74029M	Monro-Magnum 70	Chevy/Navistar	**74417M**	Monro-Magnum 70	Navistar/GMC
74405M	Monro-Magnum 70	Fruehauf/Granning	**74425M**	Monro-Magnum 70	Freightliner

SHOCK ABSORBERS

HENDRICKSON

For The Road Ahead

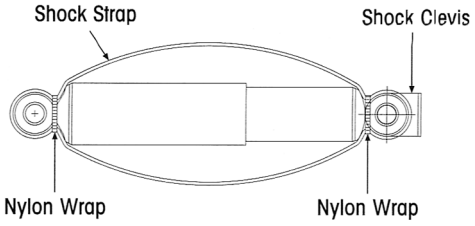
Hendrickson Shock Absorbers

- Hendrickson shock absorbers are designed and tuned for optimum ride with specific strokes, damping characteristics, seal designs, and bore diameters to enhance the performance of your suspension system. This contributes to increased steering control, improved braking, greater sensitivity, and better overall performance.

- A shock replaced with a non-genuine alternative, can have too long or too short of a stroke than the required by the suspension and can lead to expensive repairs. Too long of a stroke may allow over extension of the air springs or increasing fatigue on parabolic springs. Alternatively, too short of a stroke can damage mounting brackets.

- Genuine Hendrickson shock absorbers can easily be identified by the stamped Hendrickson name, logo, and part number on the dust shield or cylinder.

Part No.	Description	Class Suspension
S20001	Shock Absorber	Most 190's,
S20002	Shock Absorber	Most 230's & 250's
S20126	Shock Absorber	Most 300's
S21292	Shock Absorber	HK190T, HK230
S2212	Shock Absorber	HT190U-6.75, Most HT2507
S23566	Shock Absorber	AA230T, AA250T
S23650	Shock Absorber	HT250US-5$^{1/2}$,HT250US-6$^{1/2}$
S24088	Shock Absorber	



Shock Strap Kit

Part No.	Description	Class Suspension
C20069	Shock Clevis	-
C24041-1	Shock Strap	HICA2000, HIS230, HIS250
S24021	Shock Bolt Kit	HIK230
S24024	Shock Bolt Kit	HT250US

SHOCK ABSORBERS

Gabriel®

ArvinMeritor™

83000 Series Gabriel Shock Absorbers
- Gabriel's smallest heavy duty product, for light trucks or heavy truck front suspensions.

85000/85300 Series Gabriel Shock Absorbers
- The standard heavy duty product for today's low friction suspensions.
- 1-5/8" bore provides improved durability.
- 360° arc welded end mounts protect against end mount breakage.
- Hydraulic rebound stop prevents impact damage to the shock and vehicle mounting components.
- Multi-lip piston seal provides backup seal protection.
- Welded closure improves pull-apart strength.

89000 Series Gabriel Shock Absorbers
- Premium three postion adjustable heavy truck gas shock.
- Position adjustable offers personal ride selection.
- 1-5/8" bore, 360° arc welded end mounts provide improved durability.
- Specially formulated H.T. fluid reduces friction and wear in extreme operating condintions
- Many more premium component upgrades combine to provide the ultimate in performance and durability.

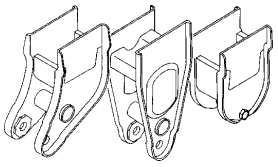
Part No.	Description	Replaces
83125	83000 Series	Hendrickson
83128	83000 Series	Neway
83130	83000 Series	Neway
83203	83000 Series	Volvo, Hutch
83204	83000 Series	Neway, Volvo
83207	83000 Series	Volvo, Neway
83303	83000 Series	Volvo, GMC
83456	83000 Series	Volvo, International
85000	85000 Series	Hendrickson
85001	85000 Series	Kenworth
85003	85000 Series	International, Reyco, Volvo
85005	85000 Series	Hendrickson
85026	85000 Series	Volvo
85046	85000 Series	Volvo
85058	85000 Series	- - - - - -
85061	85000 Series	Volvo
85302	85000 Series	Freightliner, Mack
85305	85000 Series	Volvo, Mack
85310	85000 Series	Kenworth
85311	85000 Series	IH, Peterbilt
85316	85000 Series	IH
85319	85000 Series	Freightliner
85320	85000 Series	Freightliner
85724	85000 Series	Freightliner
85900	85000 Series	Kenworth
85901	85000 Series	Freightliner
89408	89000 Series	Freightliner
89410	89000 Series	Kenworth, Mack
89411	89000 Series	IH, Volvo
89414	89000 Series	Volvo, Hendrickson, Neway
89417	89000 Series	Volvo
89423	89000 Series	Kenworth
89424	89000 Series	Peterbilt, Volvo
89428	89000 Series	Freightliner
89429	89000 Series	Freightliner
89436	89000 Series	Hendrickson

HUTCHENS H9700 and CH9700 SUSPENSIONS

All 9700 series suspensions are available with either fabricated or cast steel hangers and rockers. These hangers come in various styles.

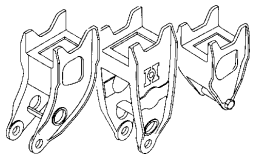
H9700
CH9700

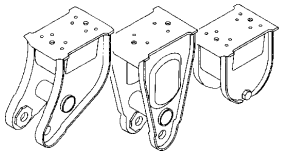
Fabricated (H)



Straddle Mount (Str/Mt)
Straddle mount hangers are for use with box type frames. Each hanger straddles the frame and is welded to both sides of the frame.

Cast (CH)

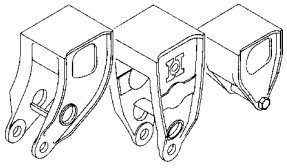


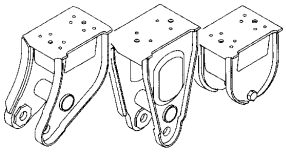


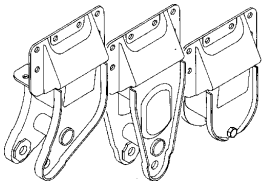
Under Mount Un/mt)
Under Mount hangers are welded flush to the bottom of the frame.

Side Mount (Si/mt)
Side mount hangers are welded to the side of the frame. They are useful on flatbed sliders and "maximum cube" vans.

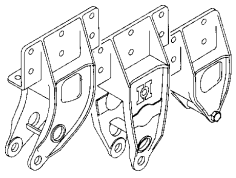
Under Mount Weld-On (Un/mt/wo) or Side Mount Weld-On (Si/mt/wo)
The versatile cast weld-on hangers can be used for either under mount or side mount applications.





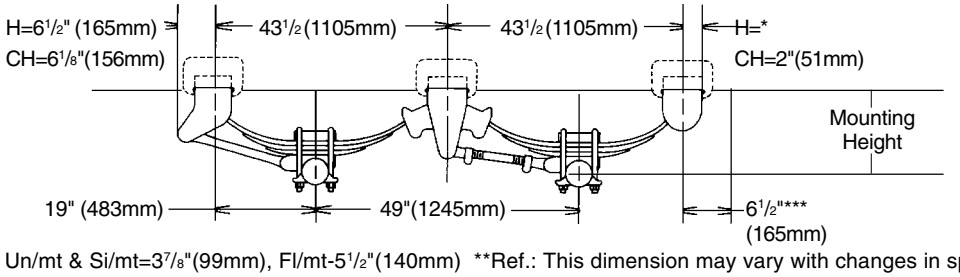


Flange Mount (Fl/mt)
Flange mount hangers may be welded or bolted to the frame, or a combination of bolting and welding may be used.



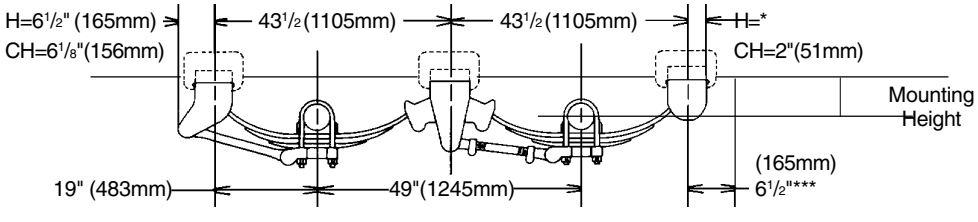
Capacity
The 9700 series suspension has a Gross Axle Weight Rating (G.A.W.R.) of 22,400 lbs when equipped with single leaf, two leaf, standard three leaf and seven leaf springs. Heavy duty three leaf and eight leaf springs raise the G.A.W.R. to 24,000 lbs.

Standard Overslung Suspension with standard 49 inch axle centers



* Str/Mt-3½"(89mm), Un/mt & Si/mt=3⅞"(99mm), Fl/mt-5½"(140mm) **Ref.: This dimension may vary with changes in springs, spring seat heights, etc. ***Recommended spring clearance.

Standard Underslung Suspension with standard 49 inch axle centers



* Str/Mt-3½"(89mm), Un/mt & Si/mt=3⅞"(99mm), Fl/mt-5½"(140mm) **Ref.: This dimension may vary with changes in springs, spring seat heights, etc. ***Recommended spring clearance.

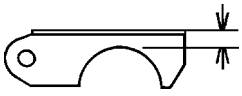
Hutchens suspensions with axle spacings other than 49" are covered in other pages of this catalog.

HUTCHENS H9700 and CH9700 SUSPENSIONS

Ordering a 9700 Series Suspension System

The following options need to be considered when ordering a "Hutch" 9700 Series suspension:

1. **The number of axles** - on a tandem, standard axle spacing is 49" unless otherwise specified.
2. **Choose the type of hanger**. (See hanger types in this catalog.)
   Specify fabricated (H) or cast (CH).
3. **Determine the mounting height you need**. A mounting height chart is shown below.
   Mounting height depends on

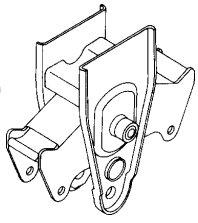


   Suspension configuration - Overslung for standard range of mounting heights; Underslung for when lower mounting heights are required.
   Axle size - 5 inch round is considered standard.
   Spring Seat Height: Available in heights from 3/4" to 4-3/4" in 1/2" increments.
   Spring Type. Consideration is given to number of leaves and arch, standard or heavy duty. The spring seat height and the spring determine the length of u-bolts required.
4. **Choose u-bolt diameter** - 7/8" is standard, 3/4" is optional.

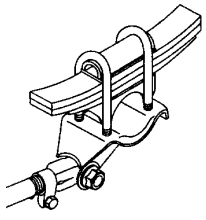
Other Options:

Rocker and Center Hanger Fastener

Standard Huck Fastener (Shown)
Optional 1-1/8" X 7" Capscrew and Nut



Optional No-Hop Attach Fitting
Rear Axle Only
Prevents axle "hop" when braking with empty trailer.



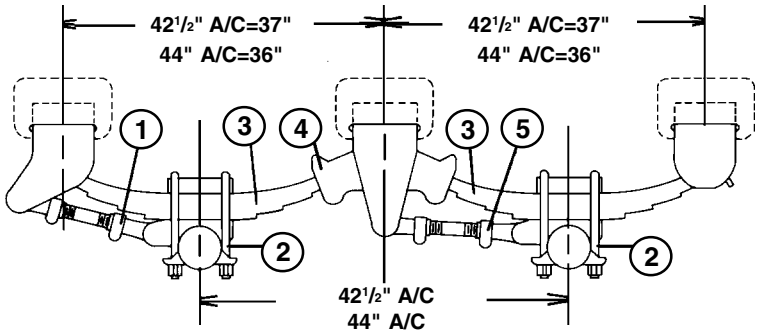
HUTCHENS 9700 SERIES SUSPENSIONS IN STOCK

Unless specified otherwise, all stocked suspensions are for 5" round axles.
Springs are not included. Mounting heights are based on the use of standard 354-00 springs.
On tandem suspensions, axle centers are 49" unless specified otherwise.

Single Axle Suspensions		
Part Number	**Description**	**Mounting Height**
H9700S-ST/B	Straddle mount hangers, for 5" round axle, with 12" u-bolts	15.75"
H9700S-U/B	Under mount hangers, for 5" round axle, with 12" u-bolts	15.75"
Tandem Axle Suspensions, 5" Round Axles		
H9700T-UM/B	Undermount hangers, for 5" round axles, with 12" u-bolts	16.00"
H9700T-FL-3/4	Flange mount hangers, for 5" round axles, with 12" u-bolts	16.00"
H9700T-ST/B	Straddle mount hangers, for 5" round axles, with 12" u-bolts	16.00"
Underslung Suspensions Single Axle		
H9700S-US/UM/B	Undermount hangers, under slung, for 5" round axles,	6.75"
Tandem Axle		
H9700T-US/UM/B	Under mount hangers, underslung for 5" round axles, with 12" u-bolts	7.00"
Tandem Axle Suspensions, 5" Round Axles, 44" Axle Centers		
H9700T-UM-44AC	Undermount hangers, for 5" round axles, with 12" u-bolts	14.125"

HUTCHENS H9700 and CH9700 SUSPENSIONS

H9700 and CH9700 Suspensions With Optional 42-1/2" and 44" Axle Centers



42½" Axle Centers

On the Overslung, Underslung and Inverted U-bolts, H and CH-9700 series suspensions with 42½" axle centers. The parts **not interchangeable** with the standard 49" axle center models are as follows:

Item	Part No.	Quantity	Description
1&5	16398-02*	2	Adj. radius rod with bushing - 16" long.
1&5	16398-01*	2	Adj. radius rod with bushing - 14" long.
2	See Below	8	U-bolts
3	See Below	4	Spring Assembly

44" Axle Centers

On the Overslung, Underslung and Inverted U-bolts, H and CH-9700 series suspensions with 44" axle centers, the parts **not interchangeable** with the standard 49" axle center models are as follows:

Item	Part No.	Quantity	Description
1	16398-01	4	Adj. Radius Rod With Bushing - 14" C/C
2	See Below	8	U-bolts
3	See Below	4	Spring Assembly
4	16159-01	2	Rocker with Rubber Bushing
For use with TRA2717-SP Spring Ass'y.			
	16159-03	2	Rocker with Rubber Bushing
For use with TRA026 Spring Ass'y.			
5	16398-03	2	Adj. Radius Rod With Bushing - 16.62" C/C

*On the 42-1/2"and 44" A/C models all radius rods are adjustable.

Mounting Heights and U-Bolt Lengths For Suspensions With 42½" and 44" Axle Centers

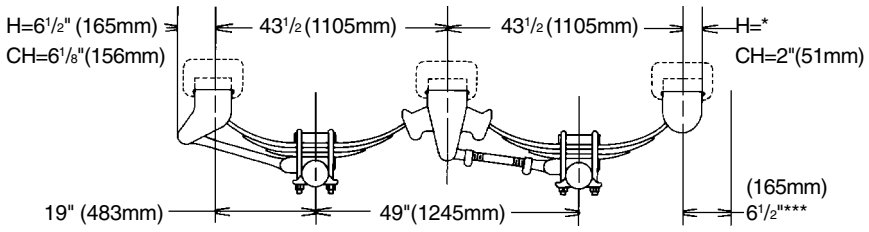
Spring Ass'y	5 Inch Round Axle									
	Spring Seat Height in Inches	**3/4**	**1-1/4**	**1-3/4**	**2-1/4**	**2-3/4**	**3-1/4**	**3-3/4**	**4-1/4**	**4-3/4**
TRA-2717-SP	Mounting Height in Inches	14 1/8	14 5/8	15 1/8	15 5/8	16 1/8	16 5/8	17 1/8	17 5/8	18 1/8
(6 Leaf)	U-Bolt Length in Inches*	11	12	12	13	13	14	14	15	15
	Spring Seat Height in Inches	**3/4**	**1-1/4**	**1-3/4**	**2-1/4**	**2-3/4**	**3-1/4**	**3-3/4**	**4-1/4**	**4-3/4**
TRA-026	Mounting Height in Inches	13 1/4	13 3/4	14 1/4	14 3/4	15 1/4	15 3/4	16 1/4	16 3/4	17 1/4
(Single Leaf)	U-Bolt Length in Inches*	10	10	11	11	12	12	13	13	14

*U-bolt part numbers beginning with "7/8X3X"--

Spring Ass'y	5 Inch Square Axle									
	Spring Seat Height in Inches	**3/4**	**1-1/4**	**1-3/4**	**2-1/4**	**2-3/4**	**3-1/4**	**3-3/4**	**4-1/4**	**4-3/4**
TRA2717-SP	Mounting Height in Inches	14 1/8	14 5/8	15 1/8	15 5/8	16 1/8	16 5/8	17 1/8	17 5/8	18 1/8
(6 Leaf)	U-Bolt Length in Inches*	12	13	13	14	14	15	15	16	17
	Spring Seat Height in Inches	**3/4**	**1-1/4**	**1-3/4**	**2-1/4**	**2-3/4**	**3-1/4**	**3-3/4**	**4-1/4**	**4-3/4**
TRA026	Mounting Height in Inches	13 1/4	13 3/4	14 1/4	14 3/4	15 1/4	15 3/4	16 1/4	16 3/4	17 1/4
(Single Leaf)	U-Bolt Length in Inches*	11	12	12	12	13	14	14	15	15

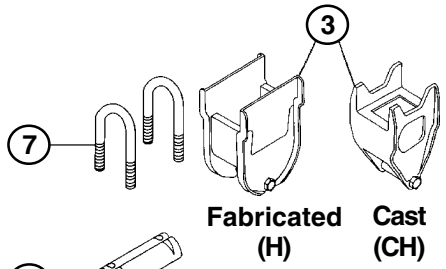
*U-bolt part numbers beginning with "7/8X3X"--

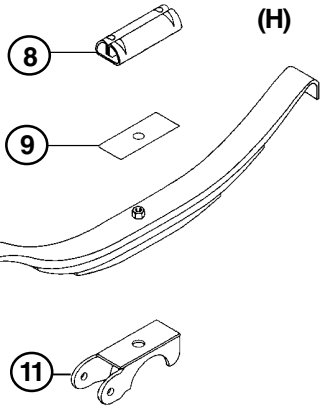
HUTCHENS H9700 and CH9700 SUSPENSIONS

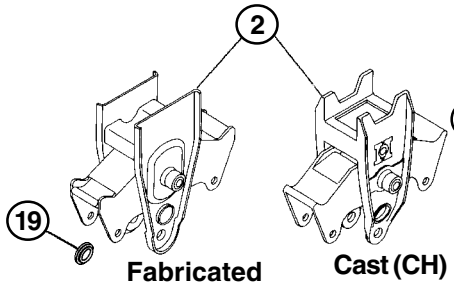


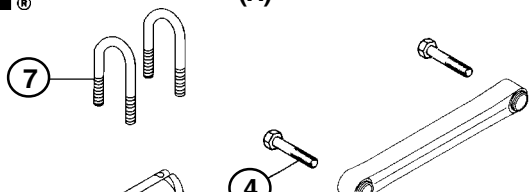
* Str/Mt-3½"(89mm), Un/mt & Si/mt=3⅞"(99mm), Fl/mt-5½"(140mm)
** Ref.: This dimension may vary with changes in springs, spring seat heights, etc.
*** Recommended spring clearance.

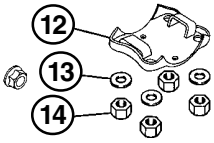
H9700 and CH9700

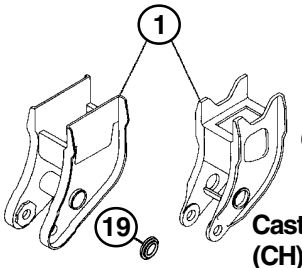


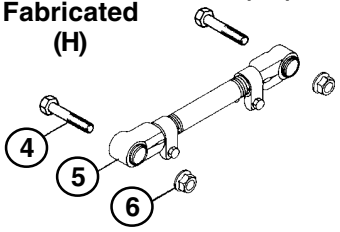


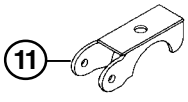


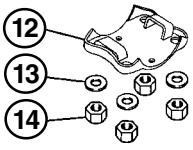


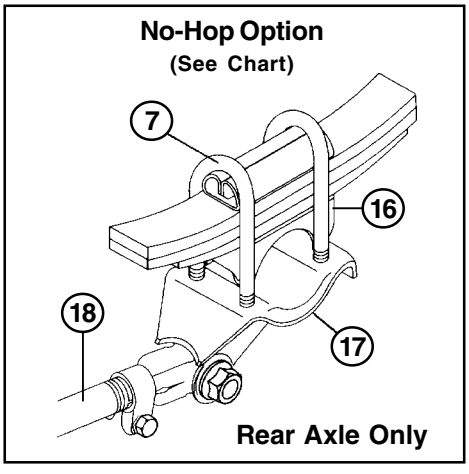


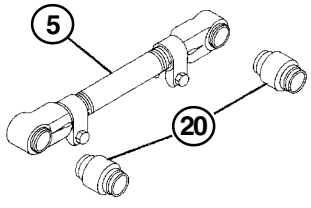


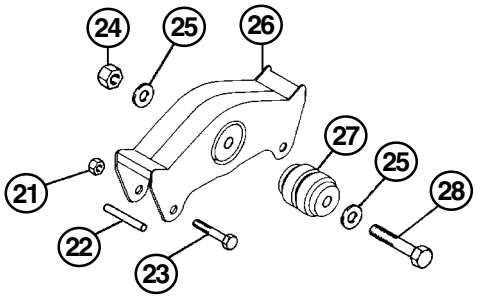


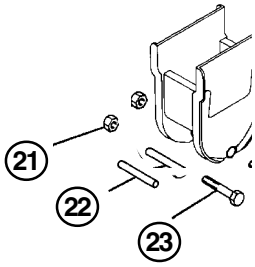












HUTCHENS H-9700 and CH9700 SUSPENSIONS

Item	Part No.	Quantity Single Axle	Quantity Tandem Axle	Description
1	**See Hanger Chart A This Page**	2	2	Front Spring Hanger
2	**See Hanger Chart A This Page**	0	2	Center Rock/Rocker Hanger Assembly
3	**See hanger Chart A This Page**	2	2	Rear Spring Hanger Assembly
4	719-02	4	8	Radius Rod Bolt - 1-14-UNS x 5
5	16398-04	1	2	Radius Rod With Bushing - 19.25 Long
6	10562-00	4	8	Flange Locknut - 1-14UNS, GR,F, Cad Pl.
7	**See U-Bolt Chart B Page 191**	4	8	U-Bolt - Std. 0.875 U-Bolt
8	16868-01	2	4	Top Plate
9	17350-02	2	4	Galvanized Spring Liner, 3.00" x 7.50"
10	**See Spring Pages 160-165**	2	4	Spring Assembly - Std. 3 Leaf (Shown)
11	**See Spring Seat Chart C This Page**	2	4	Spring Seat 5" Round (Shown)
12	**See Bottom Plate Chart D Page 191**	2	4	Bottom Plate, 5" Round, (Shown)
13	35-00	8	16	Washer-Pl, 15/16 ID x 1-3/4 OD (For Std. .875 U-Bolt)
	or 817-00	8	16	Washer - 1/8 x 13/16 ID x 1-1/2 OD (For Opt. .75 U- Bolt)
14	34-04 or	8	16	Hex Nut - 7/8"-14UNF (For .875 U-Bolt Shown)
	16303-01	8	16	Hex Nut - 3/4"-16UNF (For Optional .75 U-Bolt)
15	715-00	1	2	Nonadjustable Radius Rod With Bushing
16	**See No-Hop Chart E Page 191**	0	2	Spring Seat - Replaces rear Spring Seat Only
17	**See No-Hop Chart E Page 191**	0	2	Attach Fitting - Replaces Rear Bottom Plate Only
18	**See No-Hop Chart E Page 191**	0	2	Adjustable Rad. Rod W/Bushing - Replaces 1 adjustable
		and 1 nonadjustable radius rod on rear axle only.		
19	7717-01	2 Per Hanger		Washer Bushing - Replaces side plate washer 10561-00
	on fabricated front and center hangers only.			
20	722-00	2 Per Radius Rod		Radius Rod Bushing Only - 3" Long
21	37-03	2 Per Rocker		Hex Lock Nut, 5/8-18UNF Gr. B (Shipped loose,
		1 Per Rear Hanger		not part of center rock and hanger ass'y. However it is part of rear hanger assembly.)
22	756-00	2 Per Rocker		Sleeve Spacer - 3/4 OD x 18 ga. x 3-1/4 long.
		1 Per Rear Hanger		Shipped loose, not part of center rock and hanger ass'y.
	However it is part of rear hanger assembly.)			
23	759-00	2 Per Rocker		Hex Bolt - 5/8-18UNF x 4-1/2Lg., Gr 2 - (Shipped loose,
	1 Per Rear Hanger not part of center rock and hanger ass'y. However it is part of rear hanger assembly.)			
24	11154-00	1 Per Rocker		Hex Lock Nut - 1-1/8-7UNC, GR5
25	837-00	2 Per Rocker		Washer - 1/8 x 1-1/4 ID x 2-1/4 OD
26	16158-01			Fabricated Rocker Assy w/Rubber Bushing (Shown)
	16290-01			Cast Rocker Assembly w/Rubber Bushing (Not Shown)
27	16146-01	1 Per Rocker		Rocker Bushing Only - Rubber
28	16150-01	1 Per Rocker		Hex Cap Screw - 1-1/8" - 7 x 6.62" Lg., GR 5

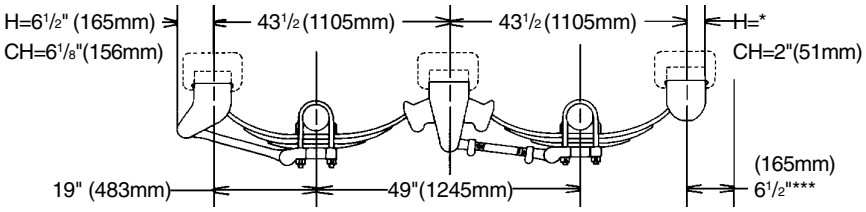
HANGER CHART A (Fabricated (H) and Cast (CH) Hangers)

Description	Part No.	Str/Mt	Un/Mt	Side/Mt	Fl/Mt/Bo
Front Hgr., Fab (H)	7701-	-01	-02	L-03 R-04	L-07 R-08
Front Hgr., Cast (CH)		702-01	L 16291-03 R 16291-04	L 16291-03 R 16291-04	L 702-11 R 702-12
Rocker & Hgr. Assy., Fab. (H)	16319-	-01	-02	-04	-07
Rocker & Hgr. Assy., Cast (CH)	16319-	-51	-52	-52	-57
Rocker Hgr. Only, Fab (H)		16169-01	16171-01	16175-01	16178-01
Rocker Hgr. Only, Cast (CH)		16196-03	16197-03	16197-03	16199-03
Rear Hgr. Assy., Fab. (H)	7703-	-01	20732-01	20733-01 20734-04	L-07 R-08
Rear Hgr. Assy., Cast (CH)		712-01	L 16293-01 R 16293-02	L 16293-01 R 16293-02	L 712-11 R 712-12

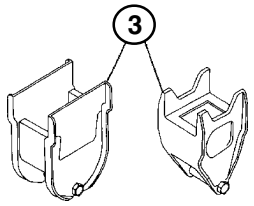
SPRING SEAT CHART C

Seat Height	3/4	1 1/4	1 3/4	2 1/4	2 3/4	3 1/4	3 3/4	4 1/4	4 3/4
5" Round	19360-01	19360-02	19360-03	19360-04	19360-05	19360-06	19360-07	19360-08	19360-09
5" X 5" Square	19365-01	19365-02	19365-03	19365-04	19365-05	19365-06	19365-07	19365-08	19365-09
4" X 6" Rect.	19364-01	19364-02	19364-03	19364-04	19364-05	19364-06	19364-07	19364-08	19364-09

HUTCHENS UNDERSLUNG H9700 and CH9700 SUSPENSIONS

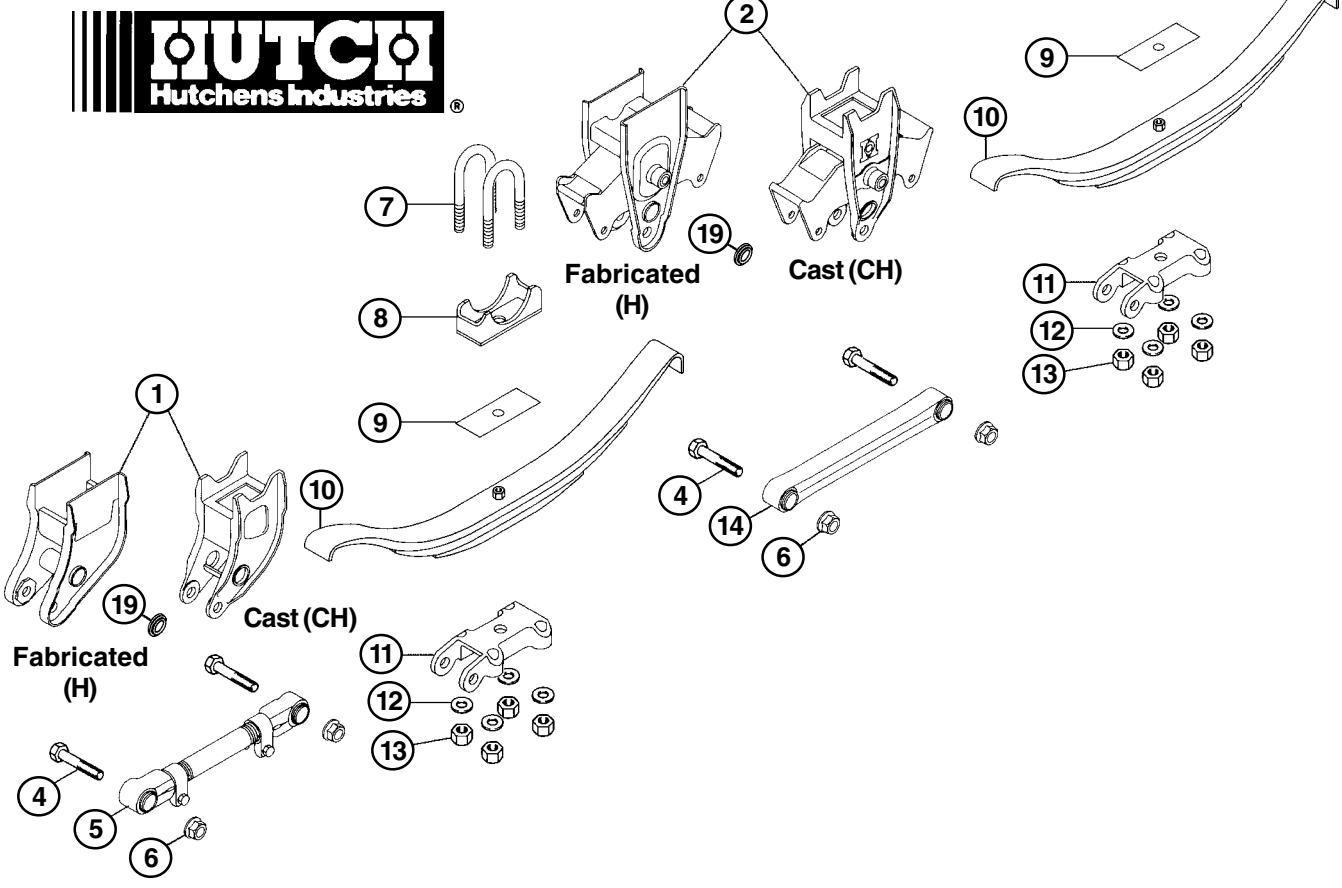


* Str/Mt-3½"(89mm), Un/mt & Si/mt=3⅞"(99mm), Fl/mt-5½"(140mm)
** Ref.: This dimension may vary with changes in springs, spring seat heights, etc.
*** Recommended spring clearance.

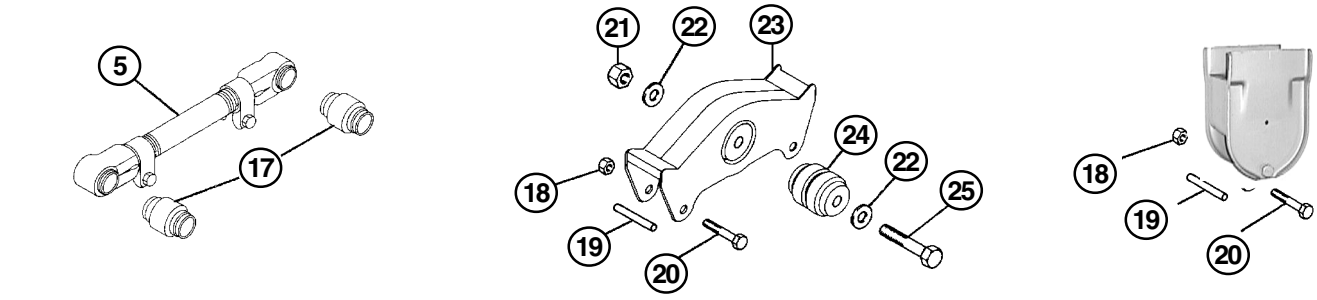


Fabricated (H) **Cast (CH)**

H9700US and CH9700US



Fabricated (H) **Cast (CH)**



HUTCHENS UNDERSLUNG H9700US and CH9700US

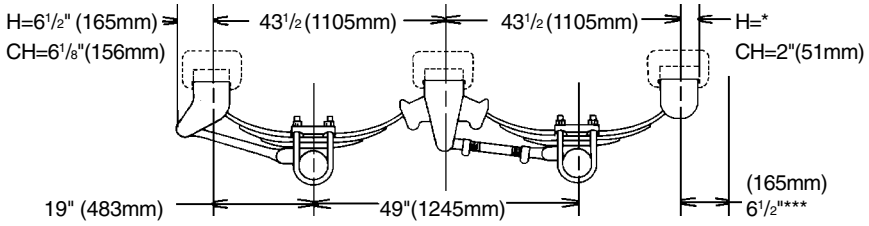
Item	Part No.	Quantity		Description
		Single Axle	Tandem Axle	
1	**See Hanger Chart A This Page**	2	2	Front Spring Hanger
2	**See Hanger Chart A This Page**	0	2	Center Rock/Rocker Hanger Assembly
3	**See hanger Chart A This Page**	2	2	Rear Spring Hanger Assembly
4	719-02	4	8	Radius Rod Bolt - 1-14-UNS x 5
5	16398-04	1	2	Radius Rod With Bushing - 19.25 Long
6	10562-00	4	8	Flange Locknut - 1-14UNS, GR,F, Cad Pl.
7	**See U-Bolt Chart F Page 191**	4	8	U-Bolt - Std. 0.875 U-Bolt
8	**See Spring Seat Chart G This Page**	2	4	Spring Seat 5" Round (Shown)
9	17350-02	2	4	Galvanized Spring Liner, 3.00" x 7.50"
10	**See Spring Pages 160-165**	2	4	Spring Assembly - Std. 3 Leaf (Shown)
11	706-01	2	4	Bottom Plate Att.
12	35-00	8	16	Washer-Pl, 15/16 ID x 1-3/4 OD (For Std. .875 U-Bolt)
	or 817-00	8	16	Washer - 1/8 x 13/16 ID x 1-1/2 OD (For Opt. .75 U- Bolt)
13	34-04 or	8	16	Hex Nut - 7/8"-14UNF (For .875 U-Bolt Shown)
	16303-01	8	16	Hex Nut - 3/4"-16UNF (For Optional .75 U-Bolt)
14	715-00	1	2	Nonadjustable Radius Rod With Bushing
16	7717-01	2 Per Hanger		Washer Bushing - Replaces side plate washer
	10561-00 on fabricated front and center hangers only.			
17	722-00	2 Per Radius Rod		Radius Rod Bushing Only - 3" Long
18	37-03	2 Per Rocker		Hex Lock Nut, 5/8-18UNF Gr. B (Shipped loose,
		1 Per Rear Hanger		not part of center rock and hanger ass'y. However it is part of rear hanger assembly.)
19	756-00	2 Per Rocker		Sleeve Spacer - 3/4 OD x 18 ga. x 3-1/4 long. (Shipped
		1 Per Rear Hanger		loose, not part of center rock and hanger ass'y. However it is part of rear hanger assembly.)
20	759-00	2 Per Rocker		Hex Bolt - 5/8-18UNF x 4-1/2Lg., Gr 2 - (Shipped
		1 Per Rear Hanger		loose, not part of center rock and hanger ass'y. However it is part of rear hanger assembly.)
21	11154-00	1 Per Rocker		Hex Lock Nut - 1-1/8-7UNC, GR5
22	837-00	2 Per Rocker		Washer - 1/8 x 1-1/4 ID x 2-1/4 OD
23	16158-01			Fabricated Rocker Assy w/Rubber Bushing (Shown)
	16290-01			Cast Rocker Assembly w/Rubber Bushing (Not Shown)
24	16146-01	1 Per Rocker		Rocker Bushing Only - Rubber
25	16150-01	1 Per Rocker		Hex Cap Screw - 1-1/8" - 7 x 6.62" Lg., GR 5

HANGER CHART A (Fabricated (H) and Cast (CH) Hangers)

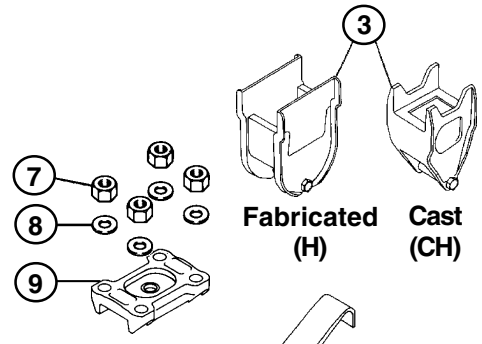
Description	Part No.	Str/Mt	Un/Mt	Side/Mt	Fl/Mt/Bo
Front Hgr., Fab (H)	7701-	-01	-02	L-03 R-04	L-07 R-08
Front Hgr., Cast (CH)		702-01	L 16291-03 R y	L 16291-03 R 16291-04	L 702-11 R 702-12
Rocker & Hgr. Assy., Fab. (H)	16319-	-01	-02	-04	-07
Rocker & Hgr. Assy., Cast (CH)	16319-	-51	-52	-52	-57
Rocker Hgr. Only, Fab (H)		16169-01	16171-01	16175-01	16178-01
Rocker Hgr. Only, Cast (CH)		16196-03	16197-03	16197-03	16199-03
Rear Hgr. Assy., Fab. (H)	7703-	-01	20732-01	20733-01 20734-04	L-07 R-08
Rear Hgr. Assy., Cast (CH)		712-01	L y R 16293-02	L 16293-01 R 16293-02	L 712-11 R 712-12

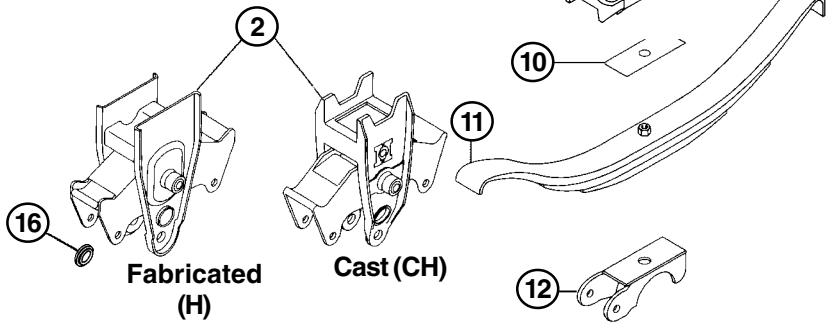
Seat Height	3/4	1 1/4	1 3/4	2 1/4	2 3/4	3 1/4	3 3/4	4 1/4	4 3/4
5" Round	301-01	301-02	301-03	301-04	NR	--	--	--	--
5" X 5" Square	7759-01	7759-02	7759-03	7759-04	NR	--	--	--	--
4" X 6" Rect.	NR	7727-02	7727-03	7727-04	NR	--	--	--	--

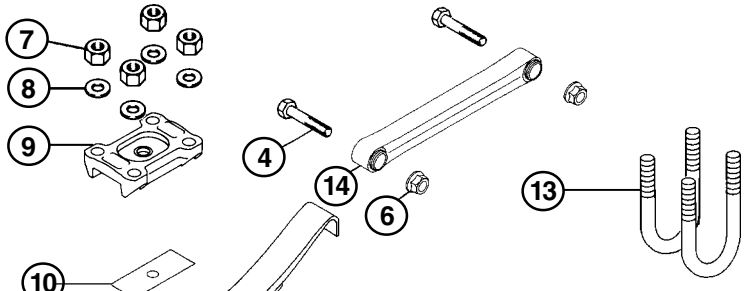
HUTCHENS H9700 and CH9700 SUSPENSIONS w/INVERTED U-BOLTS

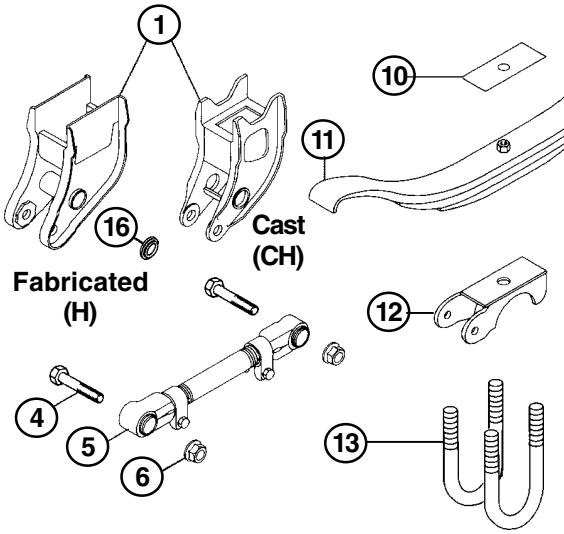


* Str/Mt-3 1/2"(89mm), Un/mt & Si/mt=3 7/8"(99mm), Fl/mt-5 1/2"(140mm)
** Ref.: This dimension may vary with changes in springs, spring seat heights, etc.
*** Recommended spring clearance.



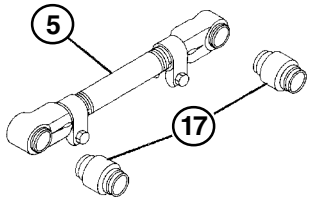


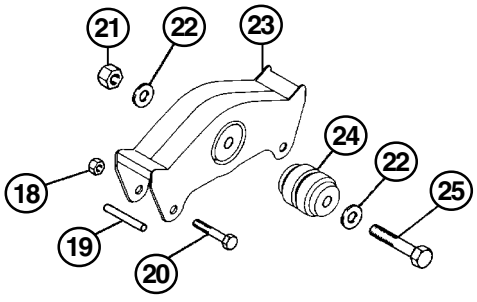


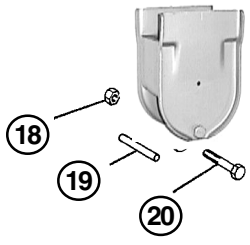


H9700 and CH9700

TOP PLATE CHART G	
Axle Size	Part No.
5" Round	9202-00
5" X 5" Square	9202-00







HUTCHENS H9700 and CH9700 SUSPENSIONS w/INVERTED U-BOLTS

Item	Part No.	Quantity Single Axle	Quantity Tandem Axle	Description
1	**See Hanger Chart A Page 184**	2	2	Front Spring Hanger
2	**See Hanger Chart A Page 184**	0	2	Center Rock/Rocker Hanger Assembly
3	**See hanger Chart A Page 184**	2	2	Rear Spring Hanger Assembly
4	719-02	4	8	Radius Rod Bolt - 1-14-UNS x 5
5	16398-04	1	2	Radius Rod With Bushing - 19.25 Long
6	10562-00	4	8	Flange Locknut - 1-14UNS, GR, F, Cad Pl.
7	34-04 or	8	16	Hex Nut - 7/8"-14UNF (For .875 U-Bolt Shown)
	16303-01	8	16	Hex Nut - 3/4"-16UNF (For Optional .75 U-Bolt)
8	35-00	8	16	Washer-Pl, 15/16 ID x 1-3/4 OD (For Std. .875 U-Bolt)
	or 817-00	8	16	Washer - 1/8 x 13/16 ID x 1-1/2 OD (For Opt. .75 U- Bolt)
9	**See Top Plate Chart G Page 187**	2	4	Top Plate
10	17350-02	2	4	Galvanized Spring Liner, 3.00" x 7.50"
11	**See Spring Pages 160-165**	2	4	Spring Assembly - Standard 3 leaf (Shown)
12	**See Spring Seat Chart C Page 184**	2	4	Spring Seat, 5" Round, (Shown)
13	**See U-Bolt Chart H This Page**	4	8	U-Bolt - Std. 0.875 U-Bolt
14	715-00	1	2	Nonadjustable Radius Rod With Bushing
16	7717-01	2 Per Hanger		Washer Bushing - replaces side plate washer 10561-00
				on fabricated front and center hangers only.
17	722-00	2 Per Radius Rod		Radius Rod Bushing Only - 3" Long
18	37-03	2 Per Rocker		Hex Lock Nut, 5/8-18UNF Gr. B (Shipped loose,
	1 Per Rear Hanger	not part of center rock and hanger ass'y.		However it is part of rear hanger assembly.)
19	756-00	2 Per Rocker		Sleeve Spacer - 3/4 OD x 18 ga. x 3-1/4 long. (Shipped
		1 Per Rear Hanger		loose, not part of center rock and hanger ass'y.
				However it is part of rear hanger assembly.)
20	759-00	2 Per Rocker		Hex Bolt - 5/8-18UNF x 4-1/2Lg., Gr 2 - (Shipped
	1 Per Rear Hanger	loose, not part of center rock and hanger ass'y.		However it is part of rear hanger assembly.)
21	11154-00	1 Per Rocker		Hex Lock Nut - 1-1/8-7UNC, GR5
22	837-00	2 Per Rocker		Washer - 1/8 x 1-1/4 ID x 2-1/4 OD
23	16158-01			Fabricated Rocker Assy w/Rubber Bushing (Shown)
	16290-01			Cast Rocker Assembly w/Rubber Bushing (Not Shown)
24	16146-01	1 Per Rocker		Rocker Bushing Only - Rubber
25	16150-01	1 Per Rocker		Hex Cap Screw - 1-1/8" - 7 x 6.62" Lg., GR 5

U-BOLT CHART H
5" Round Axle

U-bolt lengths necessary for various seat height - spring combinations

7/8" Diameter x 5" Round 7816-(See Length Below)

Seat Height	Single Leaf Spring	Lgth	Two leaf Spring	Lgth	Three Leaf Spring	Lgth	Seven Leaf Spring	Lgth	Eight Leaf Spring	Lgth
3/4	-05	9 1/4	-06	9 3/4	-07	10 1/4	-09	11 1/4	-10	11 3/4
1 1/4	-06	9 3/4	-07	10 1/4	-08	10 3/4	-10	11 3/4	-11	12 1/4
1 3/4	-07	10 1/4	-08	10 3/4	-09	11 1/4	-11	12 1/4	-12	12 3/4
2 1/4	-08	10 3/4	-09	11 1/4	-10	11 3/4	-12	12 3/4	-13	13 1/4
2 3/4	-09	11 1/4	-10	11 3/4	-11	12 1/4	-13	13 1/4	-14	13 3/4
3 1/4	-10	11 3/4	-11	12 1/4	-12	12 3/4	-14	13 3/4	-15	14 1/4
3 3/4	-11	12 1/4	-12	12 3/4	-13	13 1/4	-15	14 1/4	-16	14 3/4
4 1/4	-12	12 3/4	-13	13 1/4	-14	13 3/4	-16	14 3/4	-17	15 1/4
4 3/4	-13	13 1/4	-14	13 3/4	-15	14 1/4	-17	15 1/4	-18	15 3/4

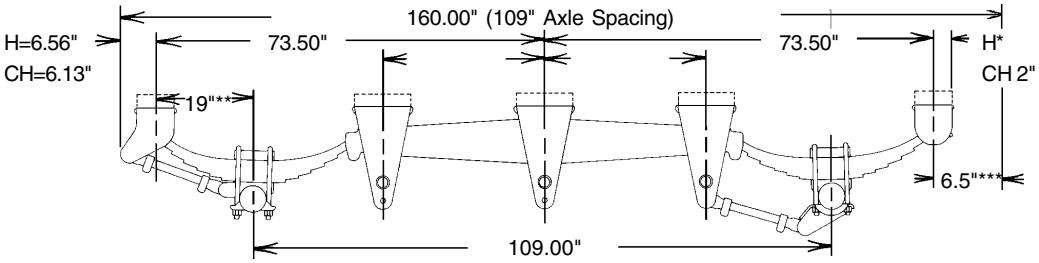
U-BOLT CHART H
5" Square Axle

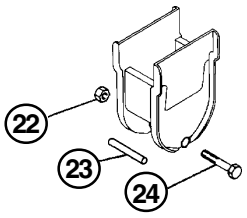
U-bolt lengths necessary for various seat height - spring combinations

7/8" Diameter x 5" Square 7840-(See Length Below)

Seat Height	Single Leaf Spring	Lgth	Two leaf Spring	Lgth	Three Leaf Spring	Lgth	Seven Leaf Spring	Lgth	Eight Leaf Spring	Lgth
3/4	-01	9 1/4	-02	9 3/4	-03	10 1/4	-05	11 1/4	-06	11 3/4
1 1/4	-02	9 3/4	-03	10 1/4	-04	10 3/4	-06	11 3/4	-07	12 1/4
1 3/4	-03	10 1/4	-04	10 3/4	-05	11 1/4	-07	12 1/4	-08	12 3/4
2 1/4	-04	10 3/4	-05	11 1/4	-06	11 3/4	-08	12 3/4	-09	13 1/4
2 3/4	-05	11 1/4	-16	11 3/4	-07	12 1/4	-09	13 1/4	-10	13 3/4
3 1/4	-06	11 3/4	-07	12 1/4	-08	12 3/4	-10	13 3/4	-11	14 1/4
3 3/4	-07	12 1/4	-08	12 3/4	-09	13 1/4	-11	14 1/4	-12	14 3/4
4 1/4	-08	12 3/4	-09	13 1/4	-10	13 3/4	-12	14 3/4	-13	15 1/4
4 3/4	-09	13 1/4	-10	13 3/4	-11	14 1/4	-13	15 1/4	-14	15 3/4

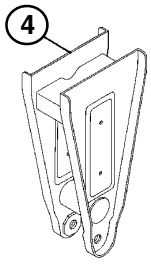
HUTCHENS H9700 and CH9700 109" WIDESPREAD SUSPENSIONS

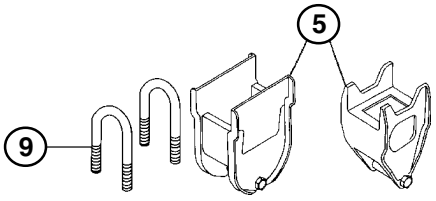


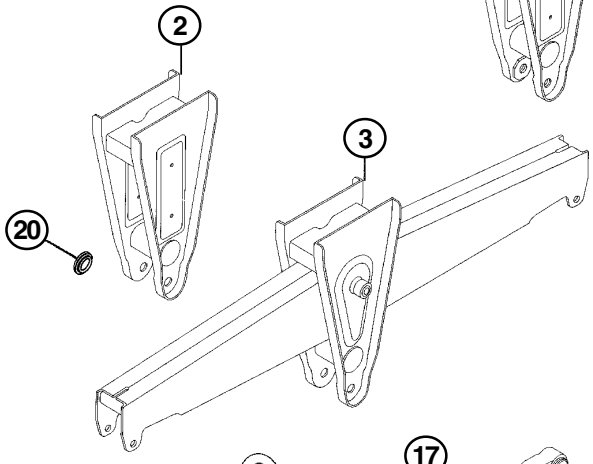


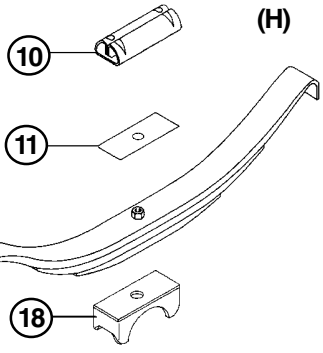
* Str/Mt-3½"(89mm), Un/mt & Si/mt=3⅞"(99mm), Fl/mt-5½"(140mm)
** Ref.: This dimension may vary with changes in springs, spring seat heights, etc.
*** Recommended spring clearance.

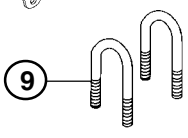
H9700 and CH9700 TWS 109" Axle Spacing

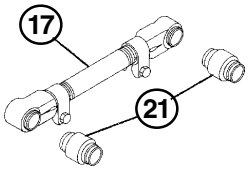


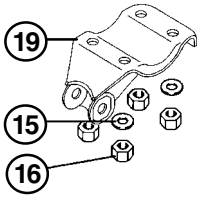


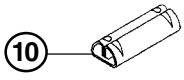


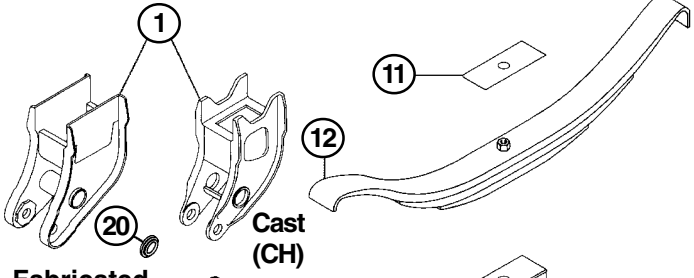


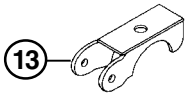


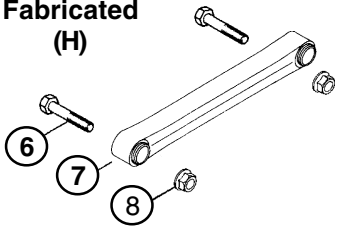


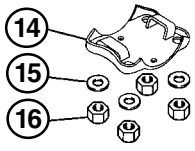


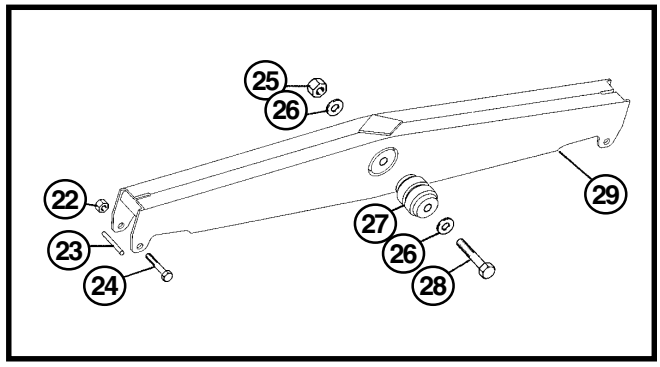












HUTCHENS H9700 and CH9700 109" WIDESPREAD SUSPENSIONS

Item	Part No.	Quantity Tandem Axle	Description
1	**See Hanger Chart H, This Page**	2	Front Spring Hanger
2	**See Hanger Chart H, This Page**	2	Front Beam Guide - (Optional)
3	**See Hanger Chart H, This Page**	2	Center Rocker/Rocker Hanger Ass'y
4	**See Hanger Chart H, This Page**	2	Rear Beam Guide - Att.
5	**See Hanger Chart H, This Page**	2	Rear Spring Hanger Ass'y
6	719-02	8	Radius Rod Bolt - Hex Bolt - 1-14-UNS x 5
7	715-00	1	Non-adj. Rad. Rod w/Bushing, 19.25 lg, Frt Curbside (RH) Only
8	10562-00	8	Flange Locknut - 1-14UNS, GR,F, Cad Pl.
9	**See U-Bolt Chart B, Page 188**	8	U-Bolt - Std. 0.875 U-Bolt (Shown)
10	16868-01	4	Top Plate
11	17350-02	4	Galvanized Spring Liner, 3.00" x 7.50"
12	**See Spring Pages 160-165**	4	Spring Assembly - Standard 3 leaf (Shown)
13	**Spring Seat Chart C Page 184**	2	Spring Seat, 5" Round, (Shown)
14	**Bottom Plate Chart D page 191**	2	Bottom Plate - 5" Round (Shown)
15	35-00 or 817-00	16 16	Washer-Pl, 15/16 ID x 1-3/4 OD (For Std. .875 U-Bolt) Washer - 1/8 X 13/16 ID x 1-1/2 OD (For Opt. .75 U- Bolt)
16	34-04 or 16303-01	16 16	Hex Nut - 7/8"-14UNF (For .875 U-Bolt Shown) Hex Nut - 3/4"-16UNF (For Optional .75 U-Bolt)
17	16398-04 16398-17	1 2 2	Adj. Radius Rod w/Bushing-19.25 Lg.- Front Roadside (LH) Only Rear, Both Sides (LH & RH) When Using 5" Round Axles Adj. Radius Rod w/Bushing-17 Lg. Adj. to 17-1/4, Both Rear Sides (LH & RH) When Using 5"x5" Square or 4"x6" Rect.
18	**No-Hop Option N/A for TWS**	2	Spring Seat, 5" Round, (Shown)
19	**No-Hop Option N/A for TWS**	2	Attach Fitting
20	7717-01	2 Per Hanger	Washer Bushing - Replaces side plate washer 10561-00 on fabricated front and center hangers only.
21	722-00	2 Per Radius Rod	Radius Rod Bushing Only - 3" Lg.
22	37-03	2 Per Rocker 1 Per Rear Hanger	Hex Lock Nut, 5/8-18UNF Gr. B (Shipped loose, not part of center rock and hanger ass'y. However it is part of rear hanger assembly.)
23	756-00	2 Per Rocker 1 Per Rear Hanger	Sleeve Spacer - 3/4 OD x 18 ga. x 3-1/4 long. (Shipped loose, not part of center rock and hanger ass'y. However it is part of rear hanger assembly.)
24	759-00	2 Per Rocker 1 Per Rear Hanger	Hex Bolt - 5/8-18UNF x 4-1/2Lg., Gr 2 - (Shipped loose, not part of center rock and hanger ass'y. However it is part of rear hanger assembly.)
25	11154-00	1 Per Rocker	Hex Lock Nut - 1 1/8-7UNC, GR 5
26	837-00	2 Per Rocker	Washer - 1/8 x 1 1/4 ID x 2 1/4 OD
27	16146-01	1 Per Rocker	Rocker Bushing Only - Rubber
28	16150-01	1 Per Rocker	Hex Cap Screw - 1-1/8" - 7 x 6.62" Lg., GR 5
29	16168-10	2	Fabricated Rocker Assy, w/Rubber Bushing, 109" Axle Spacing

HANGER CHART H (Fabricated (H) and Cast (CH) Hangers)

Description	Part No.	Str/Mt	Un/Mt	Side/Mt	Fl/Mt/Bo
Front Hgr., Fab (H)	7701-	-01	-02	L-03 R-04	L-07 R-08
Rear Beam Guide, Fab. (H)	7707-	-13*	-14	N/A	N/A
Center Rocker & Hanger Ass'y (109)	16457*	-01*	-03*	N/A	N/A
Rocker Hgr. Only, Fab (H)		16184-01*	16185-01	N/A	N/A
Rocker Hgr. Only, Cast (CH)		16639-03*	16640-03*	N/A	16641-03*
Rear Hgr. Assy., Fab. (H)	7703-	-01	20732-01	20733-01 20734-01	L-07 R-08
Rear Hgr. Assy., Cast (CH)		712-01	L 16293-01 R 16293-02	L 16293-01 R 16293-02	L 712-11 R 712-12

*Not a stocked item.

HUTCHENS H9700 and CH9700 SUSPENSIONS

U-BOLT CHART B
5" Round Axle

U-bolt lengths necessary for various seat height - spring combinations

7/8" Dia. Std. x 3" Round 7040-(See Length Below)
3/4" Dia. Opt. x 3" Round 16300-(See Length Below)

Seat Height	Single Leaf Spring	Lgth	Two leaf Spring	Lgth	Three Leaf Spring	Lgth	Seven Leaf Spring	Lgth	Eight Leaf Spring	Lgth
3/4	-06	9 3/4	-07	10 1/4	-08	10 3/4	-10	11 3/4	-11	12 1/4
1 1/4	-07	10 1/4	-08	10 3/4	-09	11 1/4	-11	12 3/4	-12	12 3/4
1 3/4	-08	10 3/4	-09	11 1/4	-10	11 3/4	-12	12 3/4	-13	13 1/4
2 1/4	-09	11 1/4	-10	11 3/4	-11	12 1/4	-13	13 3/4	-14	13 3/4
2 3/4	-10	11 3/4	-11	12 1/4	-12	12 3/4	-14	13 3/4	-15	14 1/4
3 1/4	-11	12 1/4	-12	12 3/4	-13	13 1/4	-15	14 3/4	-16	14 3/4
3 3/4	-12	12 3/4	-13	13 1/4	-14	13 3/4	-16	14 3/4	-17	15 1/4
4 1/4	-13	13 1/4	-14	13 3/4	-15	14 1/4	-17	15 3/4	-18	15 3/4
4 3/4	-14	13 3/4	-15	14 1/4	-16	14 3/4	-18	15 3/4	-19	16 1/4

U-BOLT CHART B
5" Square Axle

U-bolt lengths necessary for various seat height - spring combinations

7/8" Diameter x 3" Round 7040-(See Below)

Seat Height	Single Leaf Spring	Lgth	Two leaf Spring	Lgth	Three Leaf Spring	Lgth	Seven Leaf Spring	Lgth	Eight Leaf Spring	Lgth
3/4	-08	10 3/4	-09	11 1/4	-10	10 3/4	-10	11 3/4	-11	12 1/4
1 1/4	-09	11 1/4	-10	11 3/4	-11	11 1/4	-11	12 3/4	-12	12 3/4
1 3/4	-10	11 3/4	-11	12 1/4	-12	11 3/4	-12	12 3/4	-13	13 1/4
2 1/4	-11	12 1/4	-12	12 3/4	-13	12 1/4	-13	13 3/4	-14	13 3/4
2 3/4	-12	12 3/4	-13	13 1/4	-14	12 3/4	-14	13 3/4	-15	14 1/4
3 1/4	-13	13 1/4	-14	13 3/4	-15	13 1/4	-15	14 3/4	-16	14 3/4
3 3/4	-14	13 3/4	-15	14 1/4	-16	13 3/4	-16	14 3/4	-17	15 1/4
4 1/4	-15	14 1/4	-16	14 3/4	-17	14 1/4	-17	15 3/4	-18	15 3/4
4 3/4	-16	14 3/4	-17	15 1/4	-18	14 3/4	-18	15 3/4	-19	16 1/4

BOTTOM PLATE CHART D

Axle Size	Bottom Plate Part No.
5" Rd. w/7/8" Dia. U-Bolts	710-00
5" Rd. w/3/4" Dia. U-bolts	16297-01
5" x 5" Square	7747-01
4" x 6" Rect.	7746-00

U-BOLT CHART F
5" Round Underslung Axle

U-bolt lengths necessary for various UNDERSLUNG seat height - spring combinations

7/8" Diameter x 5" Round 7816-(See Below)
(See Also U-bolt Pages 310, 311)

Seat Height	Single Leaf Spring	Lgth	Two leaf Spring	Lgth	Three Leaf Spring	Lgth	Seven Leaf Spring	Lgth	Eight Leaf Spring	Lgth
3/4	-08	10 3/4	-09	11 1/4	-10	11 3/4	-12	12 3/4	-13	13 1/4
1 1/4	-09	11 1/4	-10	11 3/4	-11	12 1/4	-13	13 3/4	-14	13 3/4
1 3/4	-10	11 3/4	-11	12 1/4	-12	12 3/4	-14	13 3/4	-15	14 1/4
2 1/4	-11	12 1/4	-12	12 3/4	-13	13 1/4	-15	14 3/4	-16	14 3/4

NO-HOP OPTION CHART E - AXLE GROUP
5" Round Axle

Seat Height	Radius Rod	Attach Fitting		Seat
		w/7/8" U-Bolts	w/3/4" U-Bolts	
3/4"	16398-06	10775-00	16308-01	301-01
1 1/4"	16398-06	10775-00	16308-01	301-02
1 3/4"	16398-06	10775-00	16308-01	301-03
2 1/4"	16398-06	10775-00	16308-01	301-04

5 x 5 Inch Square Axle

Seat Height	Radius Rod	Attach Fitting	Seat
3/4"	16398-04	7738-01	7759-01
1 1/4"	16398-04	7738-01	7759-02
1 3/4"	16398-04	7738-01	7759-03
2 1/4"	16398-04	7738-01	7759-04

U-BOLTS
5" Round Axle

7/8" Dia. Std. x 3" Round 7040-(See Length Below)
3/4" Dia. Opt. x 3" Round 16300-(See Length Below)

Seat Height	Single Leaf Spring	Lgth	Two leaf Spring	Lgth	Three Leaf Spring	Lgth	Seven Leaf Spring	Lgth	Eight Leaf Spring	Lgth
3/4	-06	9 3/4	-07	10 1/4	-08	10 3/4	-10	11 3/4	-11	12 1/4
1 1/4	-07	10 1/4	-08	10 3/4	-09	11 1/4	-11	12 3/4	-12	12 3/4
1 3/4	-08	10 3/4	-09	11 1/4	-10	11 3/4	-12	12 3/4	-13	13 1/4
2 1/4	-09	11 1/4	-10	11 3/4	-11	12 1/4	-13	13 3/4	-14	13 3/4

5" x 5" Square Axle

7/8" Diameter x 3" Round 7040-(See Below)

Seat Height	Single Leaf Spring	Lgth	Two leaf Spring	Lgth	Three Leaf Spring	Lgth	Seven Leaf Spring	Lgth	Eight Leaf Spring	Lgth
3/4	-08	10 3/4	-09	11 1/4	-10	10 3/4	-10	11 3/4	-11	12 1/4
1 1/4	-09	11 1/4	-10	11 3/4	-11	11 1/4	-11	12 3/4	-12	12 3/4
1 3/4	-10	11 3/4	-11	12 1/4	-12	11 3/4	-12	12 3/4	-13	13 1/4
2 1/4	-11	12 1/4	-12	12 3/4	-13	12 1/4	-13	13 3/4	-14	13 3/4

HUTCHENS TRAILER SLIDERS

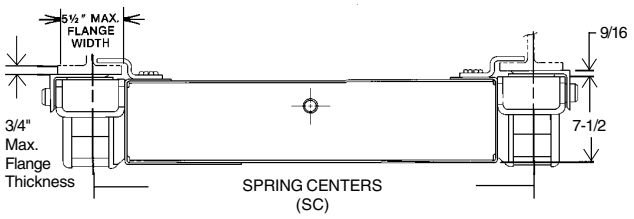
H8500 SLIDER SERIES FOR FLATBED TRAILERS

Application:
The H-8500 sidemount friction slider is specially designed for platform trailers and similar applications where a mounting height approximating that of a standard spring suspension without a slider is desired. This slider is especially well suited for use with I-beam type frames. The H-8500 slider utilizes Hutchens sidemount hangers and is only supplied with hangers and pipe braces attached.

Capacity:
GAWR limited to 24,000 lbs per axle.

Options:
The H-8500 slider may be ordered with various spring center dimensions to accommodate different trailer frame widths. The slider is furnished with 192" body rails. Other lengths up to 240" are available upon request. Wide spreads and tri-axles are also available. Fabricated sidemount hangers are installed by Hutchens as an integral part of the H-8500 slider and are located for 49 inch axle centers only.

How to Order Your H-8500 Slider Assembly
1. Calculate what spring centers you intend to use. This measurement is generally the same as the measurement between the centerlines of the I-beam frame. See fig. 1.



2. Select the range of slide adjustment you need and determine what body rail length will provide that range. Standard rails are 192 inches in length. **See Chart B**.

3. A manual stop bar is a standard component with every Hutchens slider. The stop bar should be used as directed when positioning the slider.

Stocking Part Numbers:

Part No.	Description
H8500-38	Slider Box Only, With Hangers Installed. Hangers Are On 38" Spring Centers.
H8500-38-192	Slider Box With Hangers Installed, Two 192" Slide Rails, and One Manual Stop Bar. Hangers are on 38" Spring Centers.

Special Application?
The H-8500 may be ordered with various spring center dimensions to accommodate different trailer frame widths. Call us for help in determining your requirements.

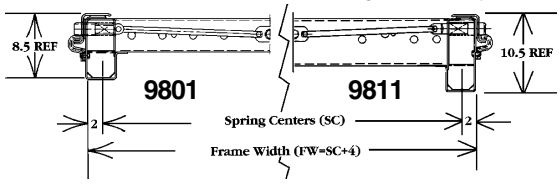
H9801/H9811 SLIDER SERIES FOR VAN TRAILERS

Application:
The 9801/9811 friction sliders are designed for VAN trailers and similar applications. This slider utilizes Hutchens straddlemount hangers and is offered here with hangers and pipe braces attached, along with "EZ Pull" pin release.

Capacity:
With Hutchens 9700 series suspensions, these sliders gross axle weight rating (GAWR) is limited to a maximum of 24,000 lbs/axle.

Features:
Spring loaded positive locking-pin mechanism; forged lock pins with integral spring retention; 4 symmetrical crossmembers for uniform stress distribution; holes punched in 4 inch increments allow precise variations in vehicle weight distribution while providing the wheelbase suited to your needs.

How to Order Your 9801/9811 Slider Assembly:
1. Determine the frame width required by adding 4 inches to the spring center measurement. All stocking H8800 sliders are provided with straddlemount hangers factory installed.



2. Select the range of slide adjustment you need and determine what body rail length will provide that range. See chart B for stocking rail part number and length.

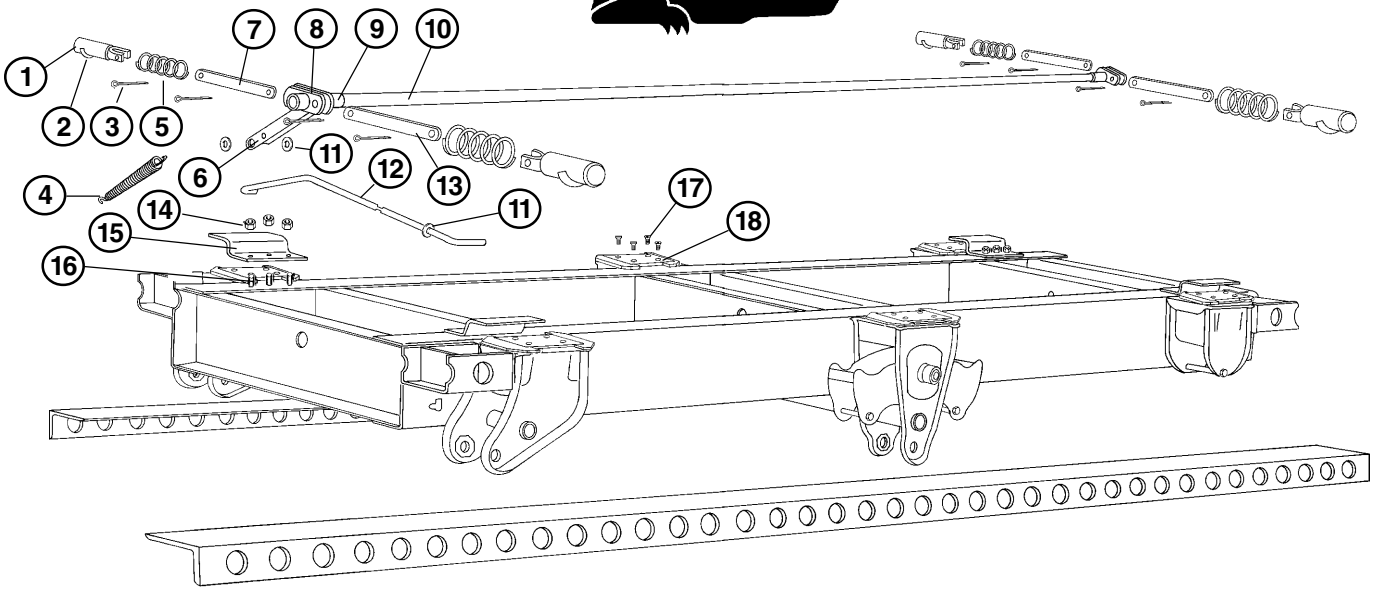
STOCKING PART NUMBERS
For H9800 Series Sliders in Stock

Part No.	Description
Sliders with 38" Spring Centers, 42" Box Width With Straddle Hangers Installed*	
H9811-42	Slider box with hangers
H9811-42-192	Slider box with hangers and 192" rails, and one manual stop bar.
H9811-42-9700WR	Slider box with complete H9700** suspension, 192" rails and one manual stop bar.
Sliders with 44" Spring Centers, 48" Box Width With Straddle Hangers Installed*	
H9811-48	Slider box with hangers
H9811-48-192	Slider box with hangers and 192" rails and one manual stop bar.
H9811-48-9700WR	Slider box with complete H9700** suspension, 192" rails and one and one manual stop bar.

* Factory hanger installation includes rockers.
** Suspension has 3/4" spring seats for 5 inch round axles, with U-bolts lengths for 3 leaf springs. These specifications can be changed to meet your needs. We can tailor a slider/suspension to your specific needs.

HUTCHENS TRAILER SLIDERS

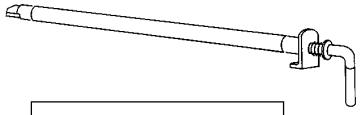
H-8500



The items listed below are for use with an H-8500 model slider having a standard axle spacing of 49 inches.

Item	Part No.	4-Pin	Description
1	11410-02	4	Lock Pin Assembly 9.19 lg.
2	11414-00	4	Special Half Washer
3	8016-00	8	Cotter pin, .38 x 1.25
4	8018-01	1	Spring 1 PD x 8.62
5	8098-01	4	Comp. Spring - Lock Pin
6	8026-00	1	Crank
7	See Chart A	2	Link (varies W/Frame Width)
8	8028-00	4	Cam
9	405-72	2	Pipe 1.25 Std. x 1.38
10	8010-17	1	Pipe 1" x 105"
11	8054-00	3	Plain Washer .625
12	8518-00	1	Handle
13	11412-03	2	Link 12.62 Long
14	33-01	12	Hex Locknut .5-20 UNF
15	8505-00	4	Slider Hold Down - Zee .375 x 6
16	8040-00	12	Hex Bolt- .50-20 UNF x 1.25
17	9627-00	24	Thread Forming Screw .3125 x 18 x .625, CS HD
18	12818-01	6	Slider Pad - .25 x 4 x 5.5

Chart A Item 7 Spring Centers (In Inches)						
Part No.	**36**	**37**	**38**	**42**	**43**	**44**
11412-	-08	-02	-03	-05	-16	-06
Length	10.62	11.62	12.62	16.62	17.62	18.62



Manual Stop Bar	
Part No.	**Sprg Centers**
11641-05	38"

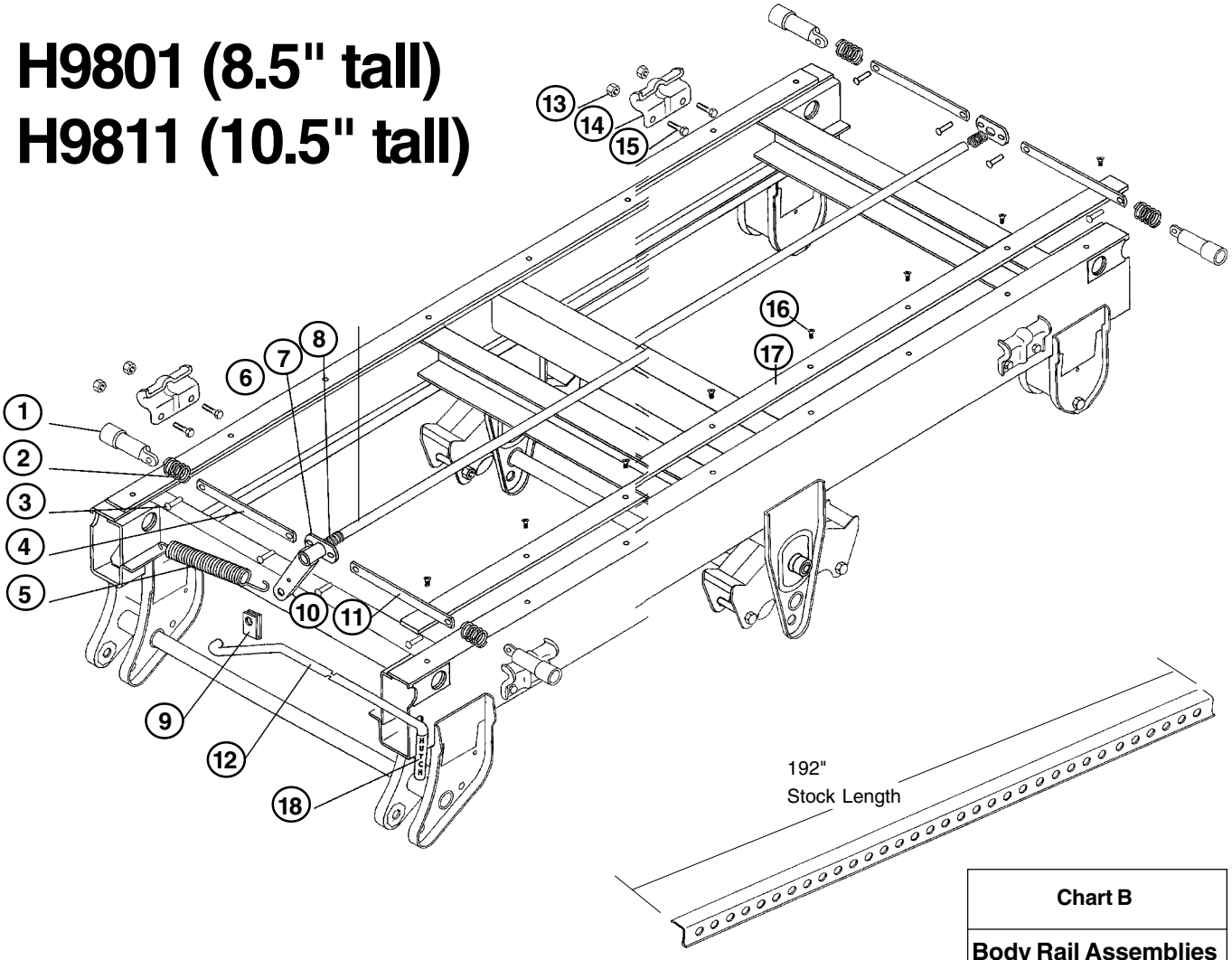
*Other lengths available

Chart B Body Rails (Dimensions in Inches)	
Part No. 8178-02	
Length*:	192 Inches
Nominal Adjustment:	80 Inches

*Other lengths available

HUTCHENS TRAILER SLIDERS

H9801 (8.5" tall)
H9811 (10.5" tall)



Item	Part No.	4-Pin	Description
1	18426-01	4	Lock Pin - Cast
2	12779-01	4	Compression Spring
3	12780-01	4	Rivet - Pan Head
4	See Chart A	2	Link (varies W/Frame Width)
5	8018-02	1	Spring - 12 GAx1 PDx10 1/8 lg
6	8028-00	2	Cam - Puller Kit
7	18064-01	2	Pipe Channel, U Shape
8	8010-14	1	Pipe, 1" X 95"
9	11409-01	1	Handle Clip
10	8026-00	1	Crank - Puller Kit
11	11412-36	2	Link 16.81" Long
12	18010-01 **(For 9801)**	1	Handle - Pin Release
	18797-01 **(For 9811)**	1	Handle - Pin Release
13	33-01	8	Hex Locknut 1/2-20 UNF - 2B
14	20289-01	4	Hold Down Clip
15	8040-00	8	Hex Bolt- 1/2-20 UNF x 1.25"
16	9627-00	16	Thread Form Screw 5/16-18x5/8
17	11421-01	2	Slider Pad
18	11479-00	1	Handle Grip - Plastic

Chart B	
Body Rail Assemblies	
Part No.:	**12713-09**
Length*:	192 Inches
Part No.	**12713-17**
Length*:	240 Inches

*Other lengths available

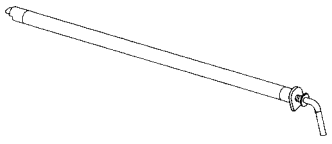
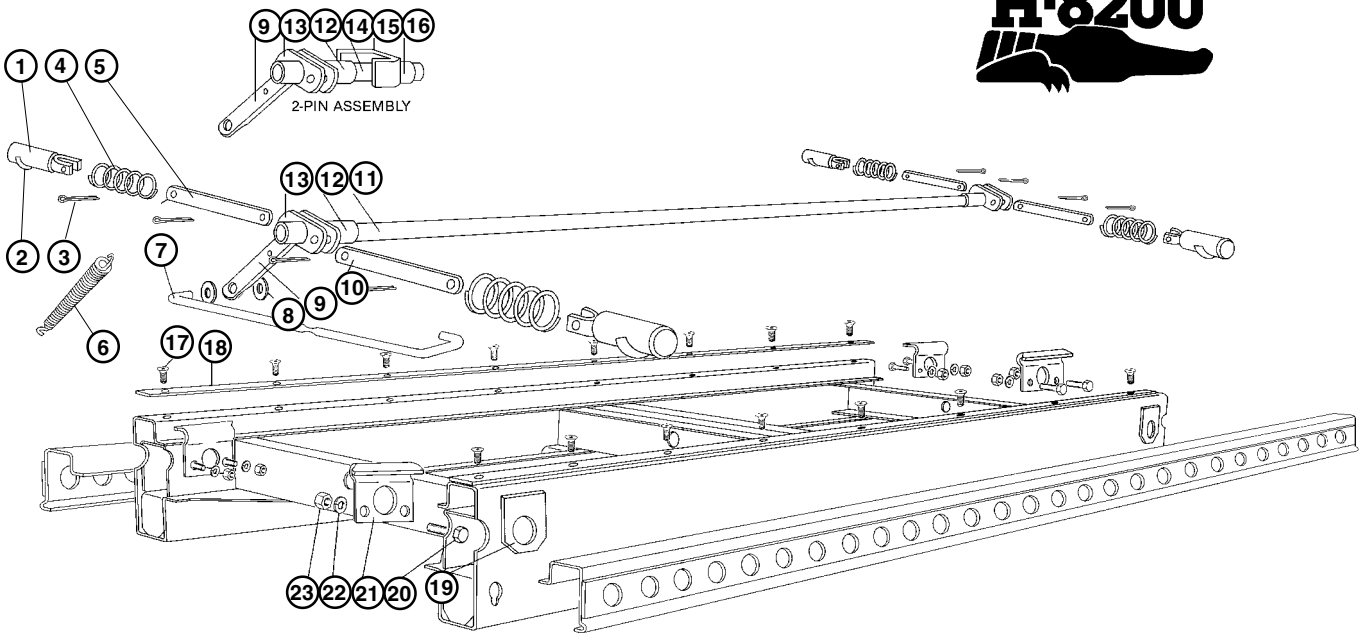


Chart A		
Item 4	**Frame Width**	
Part No.	**42**	**48**
11412-	**04**	**16**
Length	13.62	17.62

Manual Stop Bar	
Part No.	**Frame Width**
11642-09	42"
11642-10	48"

HUTCHENS H8200 SERIES VAN TRAILER SLIDER

Shown for replacement parts only. Some parts may not be available. Box complete with hangers available. See part number below.



Item	Part No.	2-Pin	4-Pin	Description
1	11410-00	2	4	Lock Pin Assembly
2	11414-00	2	4	Special Half Washer
3	8016-00	4	8	Cotter Pin - 3/8 x 1 1/4
4	8098-01	2	4	Comp. Spring, Lock Pin
5	See Chart A	1	2	Link (Varies With Frame Width)
6	8018-02	1	1	Spring, Helex
				12 ga.x1PDx10 1/8
7	11411-00	1	1	Handle - Pin Release
8	8054-00	2	2	Plain Washer - 5/8
9	8026-00	1	1	Crank
10	11412-04	1	2	Link - 13.62 Long
11	8010-14	0	1	Pipe, 1 Std x 95 Long
12	405-36	1	0	Pipe - 1 1/4 Stdx2 1/8 Long
13	8028-00	2	4	Cam
14	8010-52	1	0	Pipe - 1 Std x 8 Long
15	9276-00	1	0	Channel Bracket 2x2 3/8x4
16	405-01	1	0	Pipe-1 1/4 Std x 3/4 Long
17	9627-00	16	16	Th'd Forming Screw, 5/16-18 x 5/8, CSHD
18	11421-01	2	2	Slider Pad, 1/4x2x96 Long
19	11625-01	4	4	Bearing Plate
20	8040-00	8	8	Hex Bolt-1/2-20UNFx1-1/4
21	11420-00	4	4	Hold Down Clip
22	32-00	8	8	Lockwasher- 1/2 Med Spring
23	33-01	8	8	Hex Nut - 1/2-20 UNF

Chart A Item 5 Frame Width In Inches						
Part No.	38	40	41	42	47	48
11412-	-01	-02	-03	-04	06	-07
Length	09.62	11.62	12.62	13.62	18.62	19.62

Manual Stop Bar Assemblies	
Part No.	**Frame Width**
11485-14	**42**
11485-15	**48**

STOCKING PART NUMBERS
For H8200 Series Slider Boxes Only
With Straddle Hangers Factory Installed*

Boxes with 38" Spring Centers, 42" Width

Part No.	Description
H8200-42	Slider box with hangers

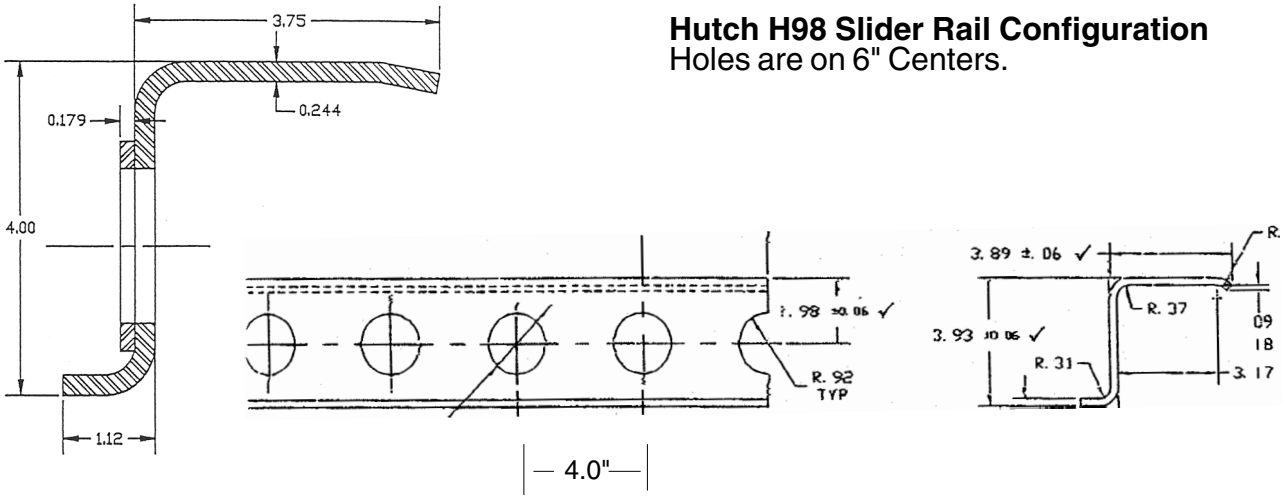
Boxes with 44" Spring Centers, 48" Width

H8200-48	Slider box with hangers

Body Rail Assemblies	
Part No.	Length
18150-07	192"

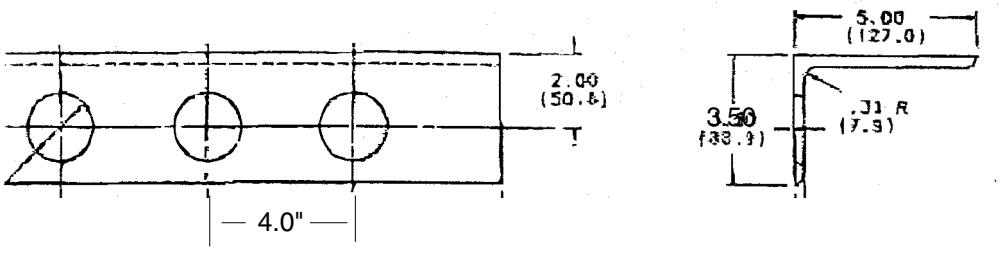
*Hanger installation includes rockers.

SLIDER RAIL CONFIGURATIONS

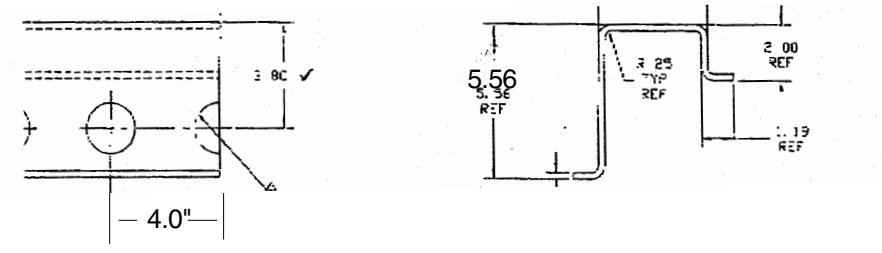


Hutch H98 Slider Rail Configuration
Holes are on 6" Centers.

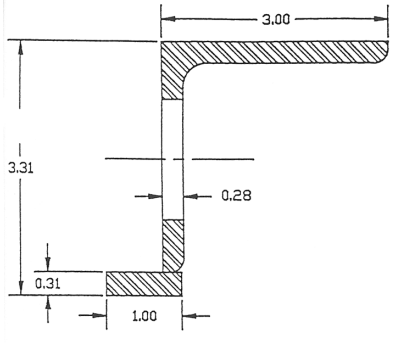
8178-XX Series Slider Rail Configuration
for Hutch H8500



18150-XX Series Slider Rail Configuration
for Hutch H8200



Binkley Slider Rail Configuration
Holes are on 6" Centers.



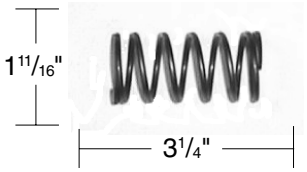
MISCELLANEOUS HUTCHENS SLIDER PARTS

Genuine HUTCH Hutchens Industries®

Slider Parts

H8500 Slider Lock Pin	
Part No.	**Application**
11410-02	H-8500 4 Pin Slider

H8500 Lock Pin Half-Washer	
Part No.	**Application**
11414-00	H-8500 4 Pin Slider



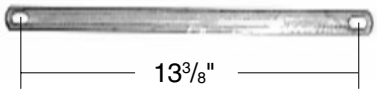
H8800 Lock Pin Comp. Spring	
Part No.	**Application**
12779-01	H8800 Slider

H8800 Lock Pin	
Part No.	**Application**
12716-01	H8800 Slider

H8800 Spring	
Part No.	**Application**
8018-02	H-9700 Suspension
13 Ga. x 1 PD x 10 1/8"	

H8800 Hold Down clip	
Part No.	**Application**
12715-01	H8800 Slider

H8200 Lock Pin	
Part No.	**Application**
11410-00	H8200 Slider

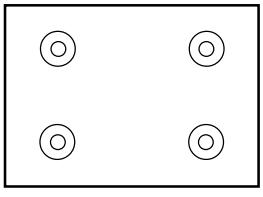


Lock Pin Link		
Part No.	**"A"**	**Application**
11412-04	13 3/8"	H-8200 Slider

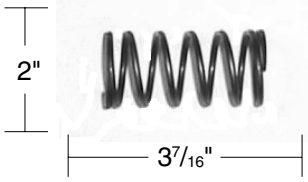
H8500 Lock Pin Comp. Spring	
Part No.	**Application**
8018-01	H8500 Slider
1 PD x 8.62"	

H8800 Slide Pad	
Part No.	**Application**
11421-01	H98 Series Slider

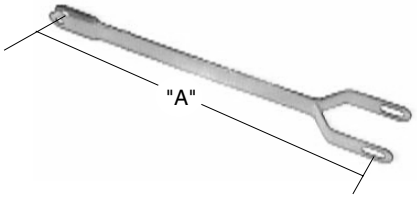
H8800 Slide Pad Screw	
Part No.	**Application**
9627-00	All Hutchens
5/16-18 x 5/8 Self Threading	



H8500 Slide Pad	
Part No.	**Application**
12818-01	H-8500 Slider
.25" x 4" x 5.5"	



H8500 Lock Pin Spring	
Part No.	**Application**
8098-01	H8500, H8000 Sliders



H8000 Lock Pin Links		
Part No.	**"A"**	**Application**
8032-07	13"	H-8000 Slider
8032-09	15"	H-8000 Slider

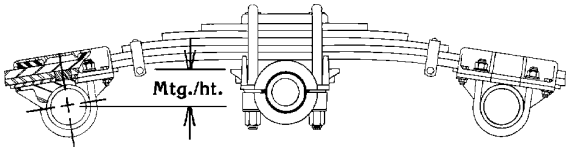
HUTCHENS H-900 SERIES SINGLE POINT SUSPENSIONS

Application
The 900 series suspensions are designed for heavy-duty and/or off-road applications. The 900 is a single point suspension connected to the trailer frame by a trunnion located at the center of the suspension. This makes it ideal for logging, heavy load hauling and dump operations.

Capacity
The 900 series suspensions are available in Gross Tandem Weight Ratings (GTWR) of 36,000, 42,000, 44,000, 50,000 and 60,000 lbs.

Options
Numerous mounting heights (Mtg./Ht. = The vertical distance from the centerline of the axle to the top of the trunnion hanger), axle and trunnion combinations are possible. These include overslung (OS, springs over axles) and underslung (US, springs under axles) axle units as well as overslung (springs over trunnion) and underslung (springs under trunnion) trunnion configurations.

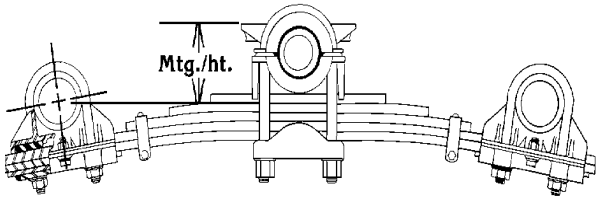
The 900 series suspension also includes options for 5", 5-3/4", and 6" round axles, or 5" X 5" square axles. Several different axle centers are available. Standard spring centers for the 900 series suspensions is 38". Other spring centers can be furnished on request.



Overslung Axles - Overslung Trunnion

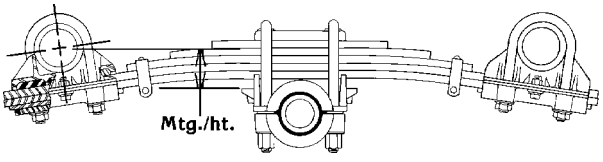
Standard trunnion hanger spacing is 22-1/8" for 38" spring centers. Trunnion centers of 20-1/8" can be specified while maintaining 38" spring centers.

Trunnion bushings of either rubber or UHMW Polyethylene ("free oscillating") are available. Unless otherwise specified, trunnion bushings are assumed to be rubber.



Overslung Axles - Underslung Trunnion

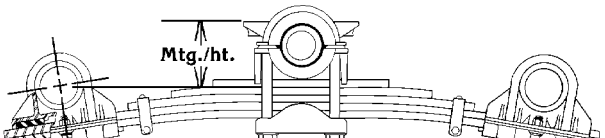
When installing your 900 series suspension, adequate vertical clearance must be provided for tires, springs and U-bolts. This is usually accommodated through the use of a mounting bracket or pedestal.



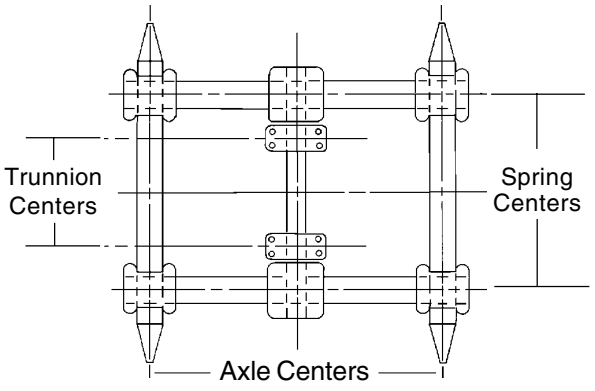
Underslung Axles - Overslung Trunnion

How To Order Your 900 Series Single Point Suspension System

1. Determine which 900 series suspension will meet your weight requirements - 36,000#, 42,000#, 44,000#, 50,000#, or 60,000# GTWR (Gross Tandem Weight Rating).
2. Select a mounting height that corresponds to your particular situation. See the Axle Specifications and Mounting Heights Charts in this catalog.
3. Axle configuration - Overslung or Underslung
4. Axle size - 5", $5^{3}/_{4}$", 6" round or 5" X 5" square.
5. Trunnion configuration - Overslung or Underslung
6. Trunnion hanger height - $2^{1}/_{2}$", $4^{1}/_{2}$", $6^{1}/_{2}$" or $8^{1}/_{2}$". In many instances more than one combination will result in the same mounting height. Therefore, all of the aforementioned factors should be taken into consideration when ordering as well as the following:
7. Axle Centers - See axle Specifications And Mounting Heights Charts.
8. Spring Centers - 36 or 38 inches.
9. Trunnion Centers - $20^{1}/_{8}$ or $22^{1}/_{8}$ inches.
10. To help ease the installation of your 900 series suspension you may wish to order a pair of Hutch mounting brackets, part number 16793-01



Underslung Axles - Underslung Trunnion



HUTCHENS H-900 SERIES SINGLE POINT SUSPENSIONS

OVERSLUNG AXLE SPECIFICATIONS AND MOUNTING HEIGHTS FOR MODELS: H-900-36 Thru H-900-44 with 2.5 Trunnions Height, 5" Round. and 5" x 5" Square Axles H900-50 and H-900-60 with 4.5 Trunnion Height, 5" Round and 5" x 5" Square Axles.

Model Desc.	Gross Tandem Weight Rating (GTWR)	Spring Number	Number of Spring Leaves	Nominal Axle Spacing		Mounting Height			
						Overslung Trunnion		Underslung Trunnion	
				Unloaded	Loaded	Unloaded	Loaded	Unloaded	Loaded
H-900-36	36,000	10054-00	5	48.00	48.75	4.00	3.00	15.00	14.00
H-900-36	36,000	11151-00	5	50.50	51.50	4.00	3.00	15.00	14.00
H-900-42	42,000	9997-00	6	48.00	48.75	4.00	3.00	15.75	14.75
H-900-42	42,000	9998-00	6	50.50	51.50	4.00	2.75	15.75	14.62
H-900-44	44,000	TRA-2750	Tapered 3	50.50	51.50	4.00	2.87	14.50	13.37
H-900-50	50,000	10055-00	7	48.00	48.75	6.00	5.00	18.50	17.12
H-900-50	50,000	9999-00	7	50.50	51.50	6.00	4.62	18.50	17.50
H-900-50	50,000	TRA-2750	Tapered 3	50.50	51.50	6.00	4.62	16.50	15.12
H-900-50	50,000	10000-00	8	54.00	55.25	6.50	5.00	19.75	18.25
H-900-60	60,000	10001-00	9	54.00	55.25	6.50	4.75	20.50	18.75
With 4.5 Trunnion Height Add (H-900-36 thru 44/(H-900-50 and 60)						2.00/0.00	2.00/0.00	2.00/0.00	2.00/0.00
With 6.5 Trunnion Height Add (H-900-36 thru 44/(H-900-50 and 60)						4.00/2.00	4.00/2.00	4.00/2.00	4.00/2.00
With 8.5 Trunnion Height Add (H-900-36 thru 44/(H-900-50 and 60)						6.00/4.00	6.00/4.00	6.00/4.00	6.00/4.00
When 5.75" or 6" Round Axles Are Used Add						.50	.50	.50	.50

Mounting heights shown for models H-900-50 and 60 are based on a 4.50 high trunnion bracket. Do not use the 2.50 high bracket on models with 50,000 lbs. GTWR or greater.

UNDERSLUNG AXLE SPECIFICATIONS AND MOUNTING HEIGHTS FOR MODELS: H-900-36 Thru H-900-44 with 2.5 Trunnions Height, 5" Round. and 5" x 5" Square Axles H900-50 and H-900-60 with 4.5 Trunnion Height, 5" Round and 5" x 5" Square Axles.

Model Desc.	Gross Tandem Weight Rating (GTWR)	Spring Number	Number of Spring Leaves	Nominal Axle Spacing		Mounting Height			
						Overslung Trunnion		Underslung Trunnion	
				Unloaded	Loaded	Unloaded	Loaded	Unloaded	Loaded
H-900-36	36,000	10054-00	5	50.50	50.00	-4.25	-5.25	6.75	5.75
H-900-36	36,000	11151-00	5	53.00	52.25	-4.25	-5.25	6.75	5.75
H-900-42	42,000	9997-00	6	50.62	50.00	-5.00	-6.00	6.75	5.75
H-900-42	42,000	9998-00	6	53.00	52.25	-5.00	-6.25	6.75	5.5
H-900-44	44,000	TRA-2750	Tapered 3	53.00	52.25	-5.00	-6.12	5.50	4.37
H-900-50	50,000	10055-00	7	50.62	50.00	-3.00	-4.00	9.50	8.50
H-900-50	50,000	9999-00	7	53.00	52.25	-3.00	-4.37	9.50	8.12
H-900-50	50,000	TRA-2750	Tapered 3	53.00	52.25	-3.00	-4.37	7.50	6.12
H-900-50	50,000	10000-00	8	57.00	56.00	-2.50	-4.00	10.75	9.25
H-900-60	60,000	10001-00	9	57.00	56.00	-2.50	-4.25	11.50	9.75
With 4.5 Trunnion Height Add (H-900-36 thru 44/(H-900-50 and 60)						2.00/0.00	2.00/0.00	2.00/0.00	2.00/0.00
With 6.5 Trunnion Height Add (H-900-36 thru 44/(H-900-50 and 60)						4.00/2.00	4.00/2.00	4.00/2.00	4.00/2.00
With 8.5 Trunnion Height Add (H-900-36 thru 44/(H-900-50 and 60)						6.00/4.00	6.00/4.00	6.00/4.00	6.00/4.00
When 5.75" or 6" Round Axles Are Used Subtract						-.50	-.50	-.50	-.50

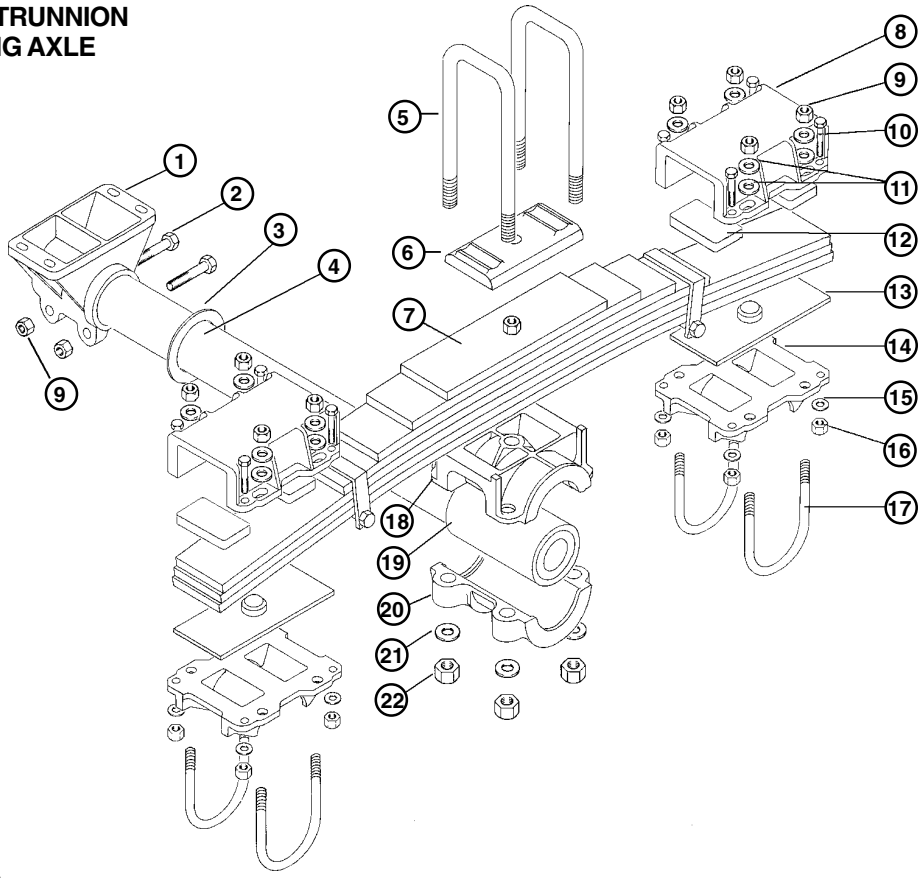
Mounting heights shown for models H-900-50 and 60 are based on a 4.50 high trunnion bracket. Do not use the 2.50 high bracket on models with 50,000 lbs. GTWR or greater.

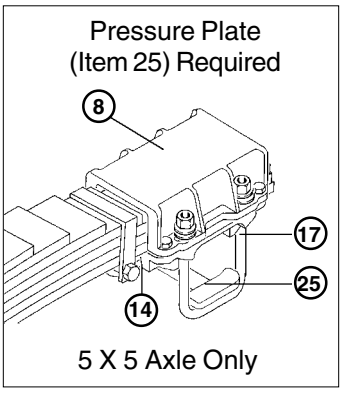
Spring End Cap Chart E (Item 8)

	Overslung Axle Unit Weight Cap. (lbs).		Underslung Axle Unit Weight Cap. (lbs.)	
Axle Size	36,000	42-60,000	36,000	42-60,000
5" Rd., 5x5 Sq.	10049-00	9937-00	10050-02	9941-02
5.75" Rd., 6" Rd.	10049-00	9937-00	---	9942-02

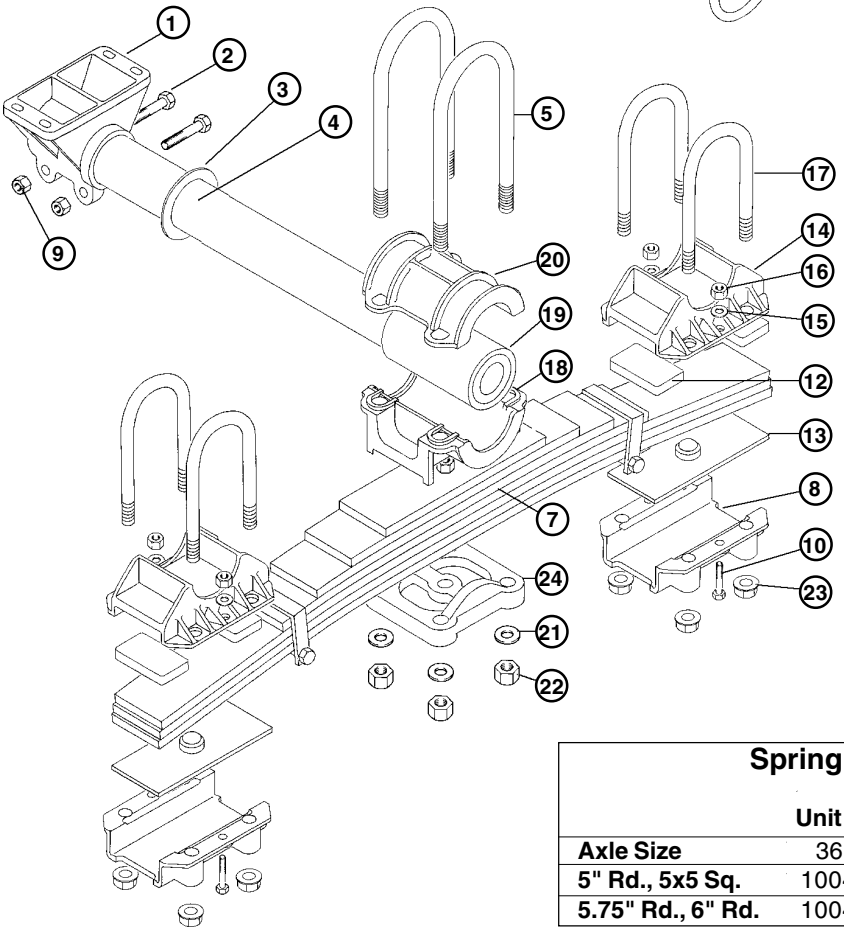
HUTCHENS H-900 SERIES SINGLE POINT SUSPENSIONS

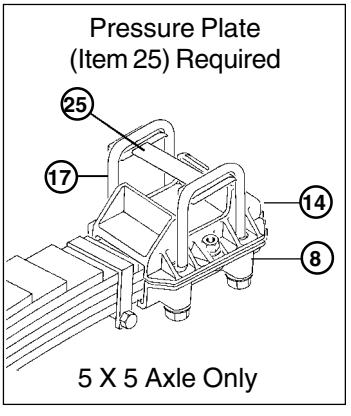
OVERSLUNG TRUNNION
OVERSLUNG AXLE





UNDERSLUNG TRUNNION
UNDERSLUNG AXLE





Spring End Cap Chart E (Item 8)	Overslung Axle Unit Weight Cap. (lbs.)		Underslung Axle Unit Weight Cap. (lbs.)	
Axle Size	36,000	42-60,000	36,000	42-60,000
5" Rd., 5x5 Sq.	10049-00	9937-00	10050-02	9941-02
5.75" Rd., 6" Rd.	10049-00	9937-00	---	9942-02

HUTCHENS H-900 SERIES SINGLE POINT SUSPENSIONS

MULTI-LEAF 42, 50 AND 60,000

Item	Part No.	Quantity: Overslung Trunnion, Overslung Axle	Quantity: Overslung Trunnion, Underslung Axle	Quantity: Underslung Trunnion, Overslung Axle	Quantity: Underslung Trunnion, Underslung Axle	Description
1	See Chart A	2	2	2	2	Trunnion Hanger
2	10376-00	4	4	4	4	Hex Bolt 3/4-16 UNF x 4 1/2 GR5
3	895-00	2	2	2	2	Washer, 7 Ga. x 4 1/32 ID x 5 3/4 OD
4	See Chart B	1	1	1	1	Trunnion Tube
5	See Chart C	4	4	4	4	U-Bolt, Trunnion
6	9640-00	2	2	0	0	Top Plate - Cast, Square U-Bolt
7	See Chart D	2	2	2	2	Spring**
8	See Chart E	4	4	4	4	Spring End Cap
9	39D12	20	4	20	4	Hex Nut, Self Locking, 3/4-16 UNF
10	9293-00	16	8	16	8	Hex Bolt 5/8-18 UNF x 2, Gr 5
11	817-00	32	0	32	0	Washer, 1/8 x 13/16 ID x 1 1/2 OD
12	814-00	8	8	8	8	Rubber Pd - Plain
13	10608-00	4	4	4	4	Adjustment Plate
14	See Chart F	4	4	4	4	Spring Seat
15	10273-00	16	8	16	8	Washer, 1/8 x 21/32 ID x 1 15/16 OD
16	37-03	16	8	16	8	Hex Locknut 5/8-18 UNF
17	See Chart G	8	8	8	8	U-Bolt, Axle
18	891-00	2	2	2	2	Trunnion Hub - Upper Half
19	890-00	2	2	2	2	Rubber Bushing - Trunnion Hub
	20248-01	2	2	2	2	Free Oscillating Turnnion Bushing*
20	898-00	2	2	-	-	Trunnion Hub - Lower Half
	892-00	-	-	2	2	Trunnion Hub - Lower Half
21	837-00	8	8	8	8	Washer, 1/8 x 1 1/4 ID x 2 1/4 OD
22	836-00	8	8	8	8	Hex Nut, 1 1/8-12 UNF x 1 1/2 Hi
23	10562-00	0	16	0	16	Flange Nut - Self Locking 1-14 UNS
24	820-00	0	0	2	2	Spring Clamp Plate
25	10488-00	4	4	4	4	Pressure Plate, 5 x 5 Axle Only

Trunnion Hanger Chart A (Item 1)

Trunnion Hanger Height (Inches)

	2 1/2	4 1/2	6 1/2	8 1/2
Part No.	850-01	10476-03	849-01	897-01

Trunnion Tube Chart B (Item 4)

	Spring Centers (")/Trunnion Hanger Centers(")				
Unit Weight Cap. (lbs.)	38/22.12	36/20.12	44/28.12	42/26.12	41/25.12
36,000 - 44,000	893-01	893-04	893-07	893-09	893-00
50,000 & 60,000	893-02	893-05	893-08	893-10	893-12

Trunnion U-Bolt Chart C (Item 5)

Unit Weight/Spring Cap. (lbs.)/Part No.	Trunnion Configuration: Overslung	Lgth	Underslung	Lgth
44,000/12258-01	9639-01	12 5/16	835-02	13 3/4
50,000/10055-00	9639-03	13 15/16	835-02	15 3/8
50,000/9999-00	9639-03	13 15/16	835-04	15 3/8
50,000/12258-01	9639-01	12 5/16	835-02	13 3/4
50,000/10000-00	9639-04	14 11/16	835-06	16 1/8
60,000/10001-00	9639-05	15 1/2	835-05	17

Axle U-Bolt Chart G (Item 17)

	Unit Weight	Axle Configuration			
Axle Size	**Capacity**	**Overslung**	**Lgth**	**Underslung**	**Lgth**
5" Rd	42-60,000	10060-01	7	10064-02	10 1/2
5"x5" Sq.	42-60,000	10063-02	7 7/8	10067-03	11 1/8

**Spring Identification Chart D (Item 7)

Unit Weight Capacity	42,000	42,000	50,000	50,000	50,000	60,000
Number of Leaves	6	6	7	7	8	9
Spring Part No.	9997-00	9998-00	10055-00	9999-00	10000-00	10001-00

Spring Seat Chart F (Item 14)

	Axle Configuration	
Axle Size	**Overslung**	**Underslung**
5" Rd	9934-02	9938-00
5 x 5 Sq.	9935-02	9939-00

HUTCHENS 9700 SERIES SUSPENSIONS

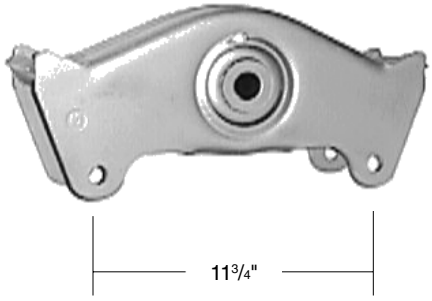
HANGER AND ROCKER ASSEMBLY
Factory assembled using a Huck "lockbolt", standard on H9700 & CH9700 suspensions.

Hanger Style	Assembly Part No.	
	Fabricated	Cast
Straddle	**16319-01**	**16319-51**
Under Mount	**16319-02**	**16319-52**
Side Mount	**16319-04**	**16319-52**
Flange Mount	**16319-07**	**16319-57**

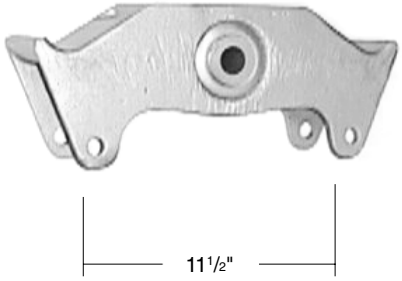
BOLT KIT FOR 9700 SERIES ROCKER INSTALLATION
Replaces the Huck lock bolt on **H-9700** series suspensions.
Kit No. NL97S

Qty.	Part No.	Description
1	**16150-01**	Bolt, 1-1/8-7 x 6088" long.
2	**837-00**	Washer, 1/8x1-1/4x2-1/4OD
1	**11154-00**	Hex lock nut, 1-1/8-7
2	**759-00**	Bolt, spr'g retainer, 5/8-18x4-1/4
2	**756-00**	Sleeve spacer, 3/4 OD x 3-1/4
2	**37-03**	Hex lock nut, 5/8-18

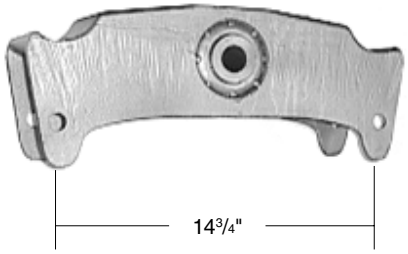
Parts are for one rocker installation. (Rocker not included)
Note: Kit includes decal with special torque requirements for this kit. Decal should be applied to vehicle.



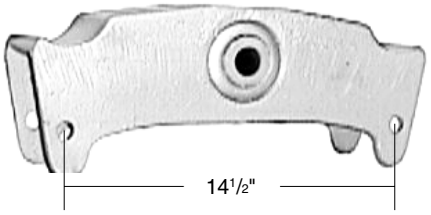
Fab Equalizer With Bushing	
Part No.	**Application**
16158-01	H-9700 Suspensions
Includes 16146-01 rubber bushing	



Cast Equalizer With Bushing	
Part No.	**Application**
17784-01	CH-9700 Suspension
Includes 16146-01 bushing	

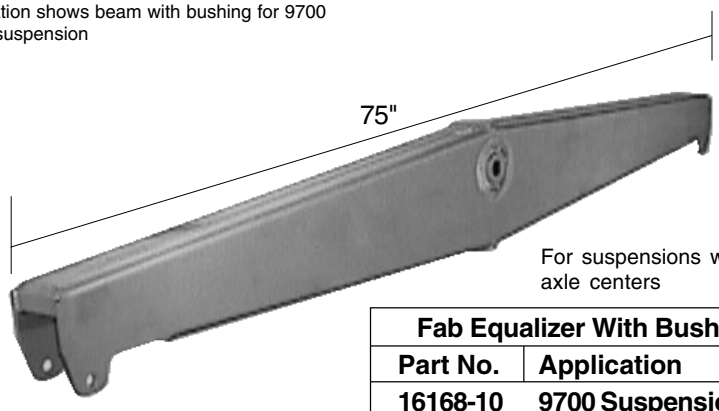


Cast Equalizer With Bushing	
Part No.	**Application**
16159-01*	9700 Suspension
Includes 16146-01 rubber bushing	
*For suspensions with 44" A/C using 751-04 sixleaf springs	



Cast Equalizer With Bushing	
Part No.	**Application**
16159-03	9700 Suspension
Includes 16146-01 rubber bushing	
For suspensions with 44" A/C using single leaf springs.	

*Illustration shows beam with bushing for 9700 series suspension



For suspensions with 109" axle centers

Fab Equalizer With Bushing	
Part No.	**Application**
16168-10	**9700 Suspensions**
(Includes 16146-01 rubber bushing)	
9239-10	**7700 Suspensions**
(Includes 7010-00 rubber bushing)	

HUTCHENS 9700 & 7700 SERIES SUSPENSIONS

Front Hanger Straddle Mount	
Part No.	**Application**
7701-01	H-9700 & H-7700

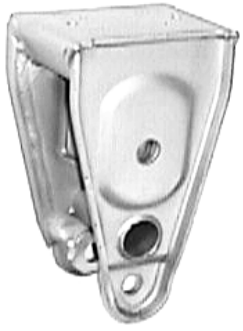
Front Hanger Under Mount	
Part No.	**Application**
20728-01	H-9700 & H-7700

(LH Shown)

Front Hanger Side Mount	
Part No.	**Application**
20730-01 (RH)	H-9700 & H-7700
20729-01 (LH)	H-9700 & H-7700

Equalizer Hanger Straddle Mount	
Part No.	**Application**
16169-01	H-9700 Suspension

Equalizer Hanger Under Mount	
Part No.	**Application**
16171-01	H-9700 Suspension



Equalizer Hanger Side Mount	
Part No.	**Application**
16175-01	H-9700 Suspension

Rear Hanger Straddle Mount	
Part No.	**Application**
7703-01	H-9700 & H-7700

Rear Hanger Under Mount	
Part No.	**Application**
20732-01	H-9700 & H-7700

(LH Shown)

Rear Hanger Side Mount	
Part No.	**Application**
20734-01 (RH)	H-9700 & H-7700
20733-01 (LH)	

HUTCHENS 9700 & 7700 SERIES SUSPENSION PARTS

(LH Shown)

Front Hanger Flange Mount	
Part No.	**Application**
7701-08 (RH)	H-9700/H-7700
7701-07 (LH)	H-9700/H-7700

Cast Front Hanger Straddle Mount	
Part No.	**Application**
702-01	CH-9700/CH-7700

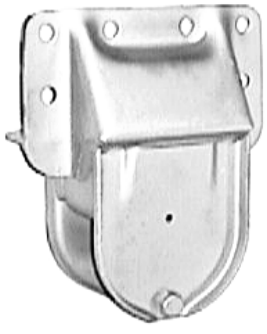
(LH Shown)

Cast Front Hanger Under/Side Mt.	
Part No.	**Application**
16291-04 (RH)	CH-9700
16291-03 (LH)	CH-9700

Equalizer Hanger	
Flange Mount	
Part No.	**Application**
16178-01	H-9700

Cast Equalizer Hanger	
Straddle Mount	
Part No.	**Application**
16196-03	CH-9700

Cast Equalizer Hanger	
Under Mount/Side Mount	
Part No.	**Application**
16197-03	CH-9700



(LH Shown)

Rear Hanger Flange Mount	
Part No.	**Application**
7703-08 (RH)	H-9700 & H-7700
7703-07 (LH)	

(LH Shown)

Cast Rear Hanger Straddle Mount	
Part No.	**Application**
712-01	CH-9700

(LH Shown)

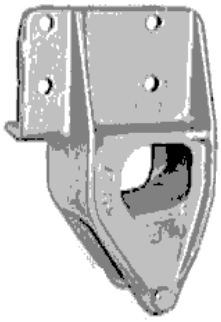
Cast Rear Hanger Under/Side Mt.	
Part No.	**Application**
16293-02 (RH)	H-9700 & H-7700
16293-01 (LH)	

HUTCHENS 9700 & 7700 SERIES SUSPENSION PARTS

(LH Shown)

Cast Front Hanger Flange Mt.	
Part No.	**Application**
702-12 (RH)	CH-9700, CH7700
702-11 (LH)	CH-9700, CH7700

Equalizer Hanger Under Mount	
97", 109", 121" Widespreads	
Part No.	**Application**
16185-01	9700 Suspensions



(LH Shown)

Cast Rear Hanger Flange Mount	
Part No.	**Application**
712-12 (RH)	CH-9700
712-11 (LH)	CH-9700

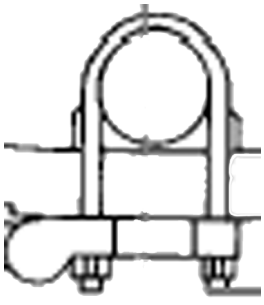
Cast Equalizer Hanger	
Flange Mount	
Part No.	**Application**
16199-03	CH9700

Beam Guide Hanger Under Mount	
97", 109", 121" Widespreads	
Part No.	**Application**
7707-14	9700 Suspensions

Under Mount Beam Guide	
Part No.	**Application**
7707-14	H-7700 Suspensions
For Widespread suspensions	

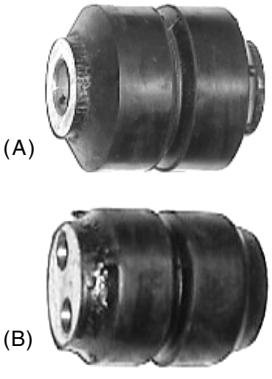
Rebound Parts for Hucked Suspensions

Part No.	Application
NL97H	H9700 Suspensions
Includes 4pcs ea of 37-03, 756-00, 759-00	



Underslung Parts - 9700 -

Part No.	Description
301-01	3/4" Spring Seat 5" Round
706-01	Bottom Plate 5" Round
7759-01	3/4" Spring Seat 5" Square



(A)

(B)

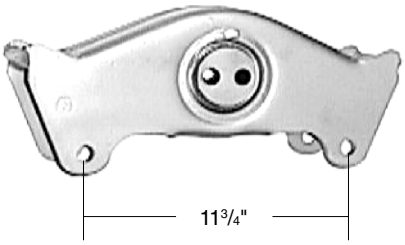
Rubber Equalizer Bushing		
	Part No.	**Application**
(A)	**18723-01**	9700 Suspensions
(B)	**7010-00**	7700 Suspensions

HUTCHENS 9700 & 7700 SERIES SUSPENSION PARTS

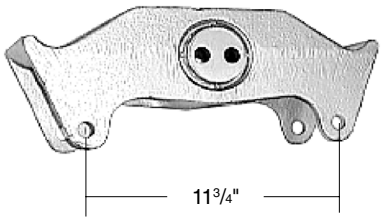
HUTCH Hutchens Industries®

H-7700

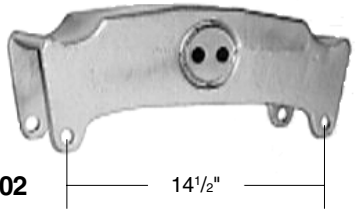
The H-7700 series is no longer available as a complete suspension.



Fabricated Equalizer	
Part No.	**Application**
750-03	H7700 Suspensions
Includes 7010-00 rubber bushing	



Cast Equalizer	
Part No.	**Application**
19137-01	CH7700 Suspensions
Includes 7010-00 rubber bushing	



7750-02 shown

Cast Equalizer

Part No.	Application
7750-02	7700 Suspensions
16159-01	9700 Suspensions
Includes rubber bushing	
For 50 inch axle centers using standard multi-leaf springs.	
For 44 inch axle centers using 751-04 six leaf springs	

Straddle Mount Equalizer Hanger	
Part No.	**Application**
7702-01	H7700 Suspensions

Under Mount Equalizer Hanger	
Part No.	**Application**
7702-02	H7700 Suspensions

Side Mount Equalizer Hanger	
Part No.	**Application**
7702-03	H7700 Suspensions

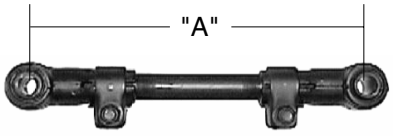
Flange Mount Equalizer Hanger	
Part No.	**Application**
7702-05	H7700 Suspensions

INSTALLATION KIT
For 7700 Series Equalizers
Kit No. NL77

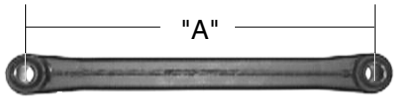
Qty.	Part No.	Description
2	**7016-01**	Step Bolt
2	**759-00**	5/8-18X4 1/2 Hex Bolt
2	**756-00**	Sleeve Spacer
4	**37-03**	5/8-18 Hex Locknut
1	**729-00**	Tab Washer, 5/8

HUTCHENS H9700 & H7700 SERIES SUSPENSION PARTS

Suspension Parts For H-7700 and H-9700 Suspensions



Adjustable Radius Rods	
Part No.	**"A" Dimension**
16398-01	14"
16398-02	16"
16398-03	16.62"
16398-04	19.25"
16398-06	21.50"
16398-17	17"
Includes 722-00 rubber bushings	



Non-Adjustable Radius Rod	
Part No.	**Description**
715-00	19.25" Center to Center
Includes 722-00 rubber bushings	

Radius Rod Bushing		
Part No.	**Description**	
722-00	1" I. D. x 3" Long	
Radius Rod Bushing Kit		
Part No.	**Contains**	
NL1448	2	722-00 Bushings
	2	719-02 1-14 x 5 bolt
	2	10562-00 1-14 Nut

Keep Your Hutchens Suspensions All "Hutch"

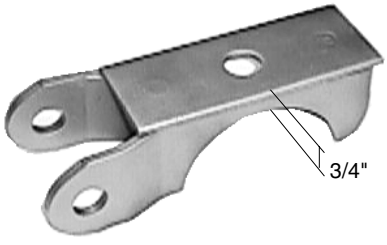
Radius Rod Bolt & Nut	
Part No.	**Description**
719-02	Bolt, 1-14 x 5
10562-00	Flange Locknut, 1-14 Gr F

Kit containing 4 of each item: **Part No. NL97H**

Rebound Bolt, Spacer, Nut	
Part No.	**Description**
759-00	$\frac{5}{8}$-18 x 4$\frac{1}{2}$ GR 2 Bolt
37-03	$\frac{5}{8}$-18 UNF GR B Nut
756-00	Spacer, $\frac{3}{4}$" x 3$\frac{1}{4}$"Lg.

Top Plate	
Part No.	**Description**
16868-01	H-7700 & H-9700

Bottom Plate	
Part No.	**Description**
710-00	H-7700 & H-9700



Spring Seat, 5" Round	
Part No.	**Description**
19360-01	3/4" High, H-7700/H-9700

Bottom Plate For No-Hop	
Part No.	**Description**
10775-00	5" round axles

Spring Spacer, 2$\frac{3}{16}$" High	
Part No.	**Description**
7705-00	2.187" x 3.00" x 7.50"

Spring Spacer, 1.5" High	
Part No.	**Description**
7028-00	1.5" x 2.75" x 7.50"

DURALITE® MECHANICAL SUSPENSION KITS

Duralite® Mechanical Suspension Assemblies Available in Conveniently Boxed Kits

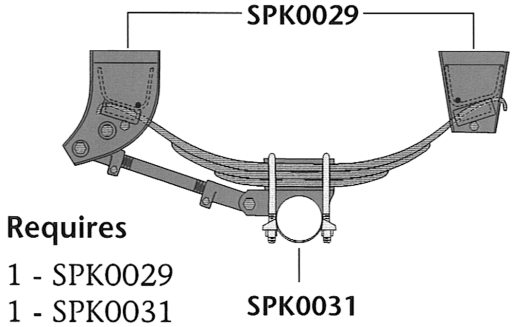
SUSPENSION COMPONENTS PACKAGED IN THREE KITS

Kit Numbers	SPK0029*	SPK0030*	SPK0031**
Contents	Front and rear under mount hanger brackets, adjustable and fixed torque arms and necessary fastener hardware	Center under mount hanger brackets, adjustable and fixed torque arms and necessary fastener hardware	Standard 3/4" axle seats bottom plates, u-bolts & fastener hardware *Other mounting heights are available*

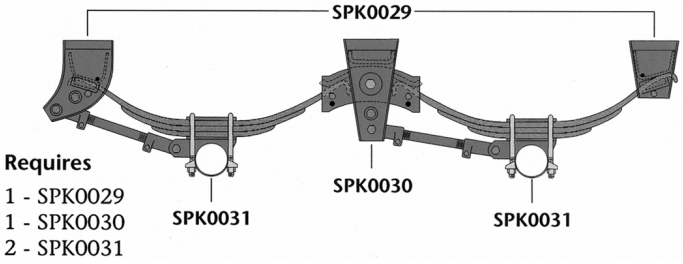
* Note: Kits are also available in straddle mount and frame mount configurations.

** Seat heights are also available to handle mounting height requirements from 4-1/2" up to 19"

DURALITE® SINGLE AXLE SUSPENSION



DURALITE® TANDEM AXLE SUSPENSION



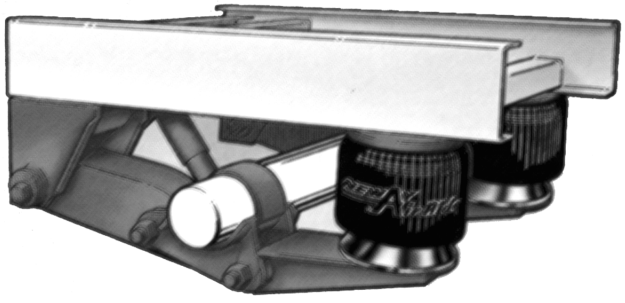
All components for underslung or overslung, under mount, straddle mount or flange mount mechanical suspensions with 3/4" seat height are available in boxed kits for single axle, tandem or tri-axle trailer applications in mounting heights for 4-1/2" to 19"

- **Up to 70lbs. weight savings through the use of high strength 80,000 lb. yield steel.**
- **Easy axle alignment.**
- **Industry leading 5-year parts and labor warranty.**

HOLLAND NEWAY SUSPENSIONS

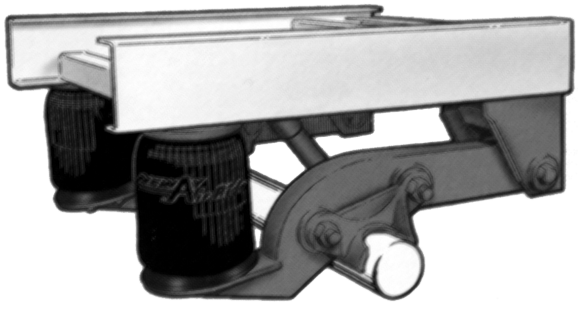
TRAILER AIR SUSPENSION
for Most Low Profile ON/OFF
Highway Applications
RLU-228 SERIES

With capacities up to 22,500 lbs. and ride heights ranging from 6 to 12 inches, the RLU Series will handle most low profile applications like drop frames and low boys. The EZ-ALIGN™ feature is standard.



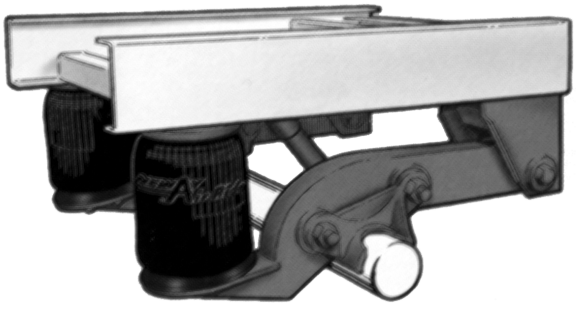
TRAILER AIR SUSPENSION
for Most ON/OFF
Highway Applications
RL-228 & RL-230 SERIES

With capacities up to 22,500 lbs. and ride heights ranging from 12 to 17 inches, these RL Series will handle most applications. Two-pin axle connection protects the axle while providing positive axle alignment. Balanced suspension geometry softens rides, even in more difficult road conditions. The EZ-ALIGN™ feature is standard.



TRAILER AIR SUSPENSION
for Most Heavy Duty Applications
RL-250 RLU-250 SERIES

This Neway suspension combines a big 25,000 lbs. per axle capacity with proven reliability and performance. Long travel and balanced suspension geometry softens rides, even in more difficult road conditions.
The EZ-ALIGN™ feature is standard.



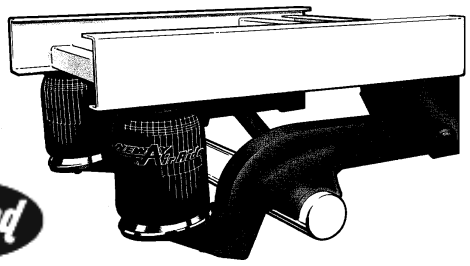
EZ•ALIGN™
The Original and Proven Non-Weld
Axle Alignment Feature

Make axle adjustments in minutes from the outboard side of the trailer. It is a very simple system. No special tools or welding is needed, you just loosen the lock nut, rotate the pivot bolt to adjust the alignment and retorque the Lock Nut to 800 ft lbs. - there is no weld to replace. The EZ-ALIGN™ feature is standard for all RL/RLU Series Air Suspensions.

HOLLAND NEWAY RL-228-14, -15, -16, -17 SUSPENSIONS

TRAILER AIR SUSPENSION
SPECIFICATIONS
TOPMOUNT MODEL FOR HIGHWAY OPERATION
RL-228 SERIES

Models: **RL-228-14, RL-228-15, RL-228-16, RL-228-17**



GENERAL SPECIFICATIONS

Capacity: 22,500 lbs. Single Axle GAWR
Suspension Only - 5" Round Axle

Axle Travel (In Inches)

Model	Total	Up	Down
RL-228-14-4	8	4	4
RL-228-15-4	8	3.75	4.25
RL-228-16-4	8	3.9	4.12
RL-228-17-4	8.25	4.12	4.12

AXLE SPACING

45 1/2" Min. to 122" Max. Tandem Application.

AXLE TYPE

Adapts to 5" round with "S" cam or disc brakes for 20" or 22" wheels.

AIR SPRING DATA

Air cell operative to -65 degrees F.

AIR CONTROLS

AC-6100 Automatic Air Control Kit standard, single height control valve.

SUSPENSION WEIGHT (Suspension Only)

RL-228-14	5" Rd.	292 lbs
RL-228-15	5" Rd.	297 lbs
RL-228-16	5" Rd.	310 lbs
RL-228-17	5" Rd.	314 lbs

INSTALLATION - Refer to separate instructions for installation of suspension and air controls

APPLICATION - For most On/Off highway. For lift or special applications, contact New Life Transport Parts Center or Neway.

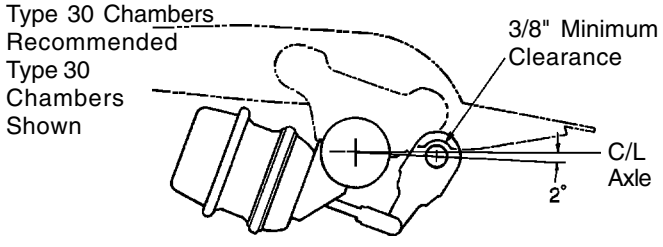
HOW TO ORDER AN RL-228 SERIES SUSPENSION

1. **Model Number** - Specify model number when ordering.
2. **Beam Centers** - Variable from 35" to 41" to adapt to 96" - 102" trailers.
3. **Air Spring Centers** - 30" to 36" standard
4. **Air Controls** - AC-6100 Automatic Air Control Kit, single Height Control Valve System
5. **Axle Size and Shape** - 5" round.
6. **Wheel Size** - 20" or 22" wheels

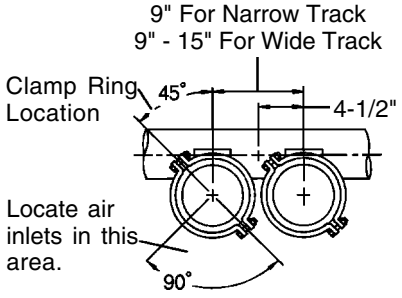
HOW TO ORDER AN AXLE FOR RL-228 SERIES SUSPENSIONS:

1. Advise suspension model number and beam centers when ordering axle. (See axle section in this catalog).
2. **SPECIAL AXLE REQUIREMENTS**
   Special camshaft and brake chamber locations required.
3. TIRE NOTE: 7 1/4" minimum is required between the centerline of the air spring and the tire sidewall. Determine inside tire dimension by adding 14 1/2" to air spring centers. EXAMPLE: Air spring centers of 30" plus 14 1/2" give inside tire dimension of 44 1/2" minimum. Lateral and vertical tire clearance must be provided by trailer manufacturer.

RECOMMENDED BRAKE CAMSHAFT & CHAMBER LOCATION SHOWN. LOCATION MAY VARY SLIGHTLY BASED ON AXLE MFR RECOMMENDATION.

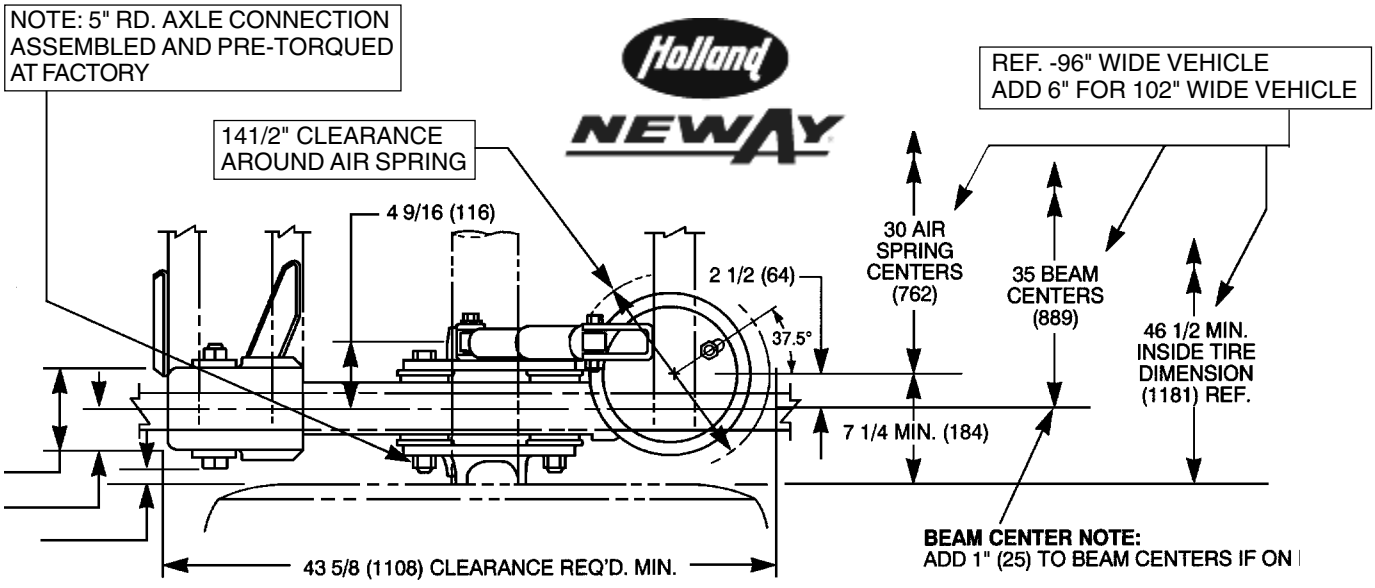


S-Cam Brakes 20" & 22" Wheels, 5" Round Axle

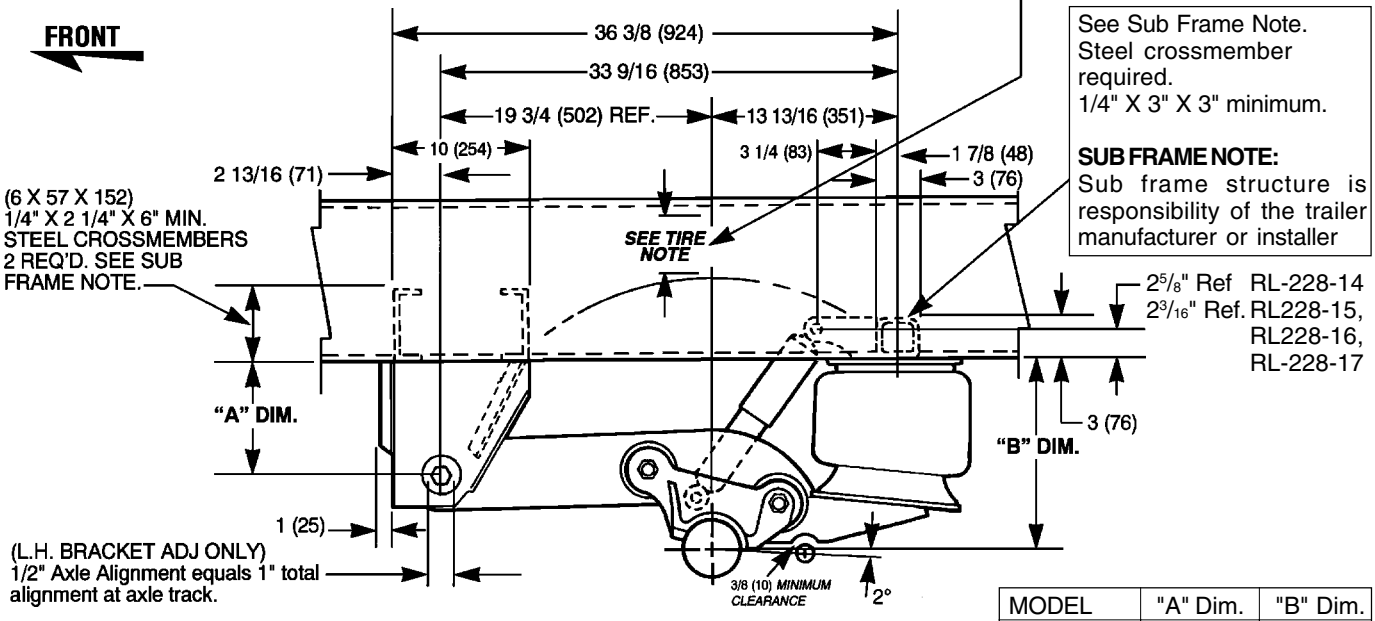


Brake Chamber Centers

HOLLAND NEWAY RL-228-14, -15, -16, -17 AIR SUSPENSIONS



TIRE NOTE:
11/4" minimum distance is required between underside of wheel well and top of tire when air springs are exhausted. Lateral clearance, 2" minimum each side of tire must be provided by trailer manufacturer or installer.



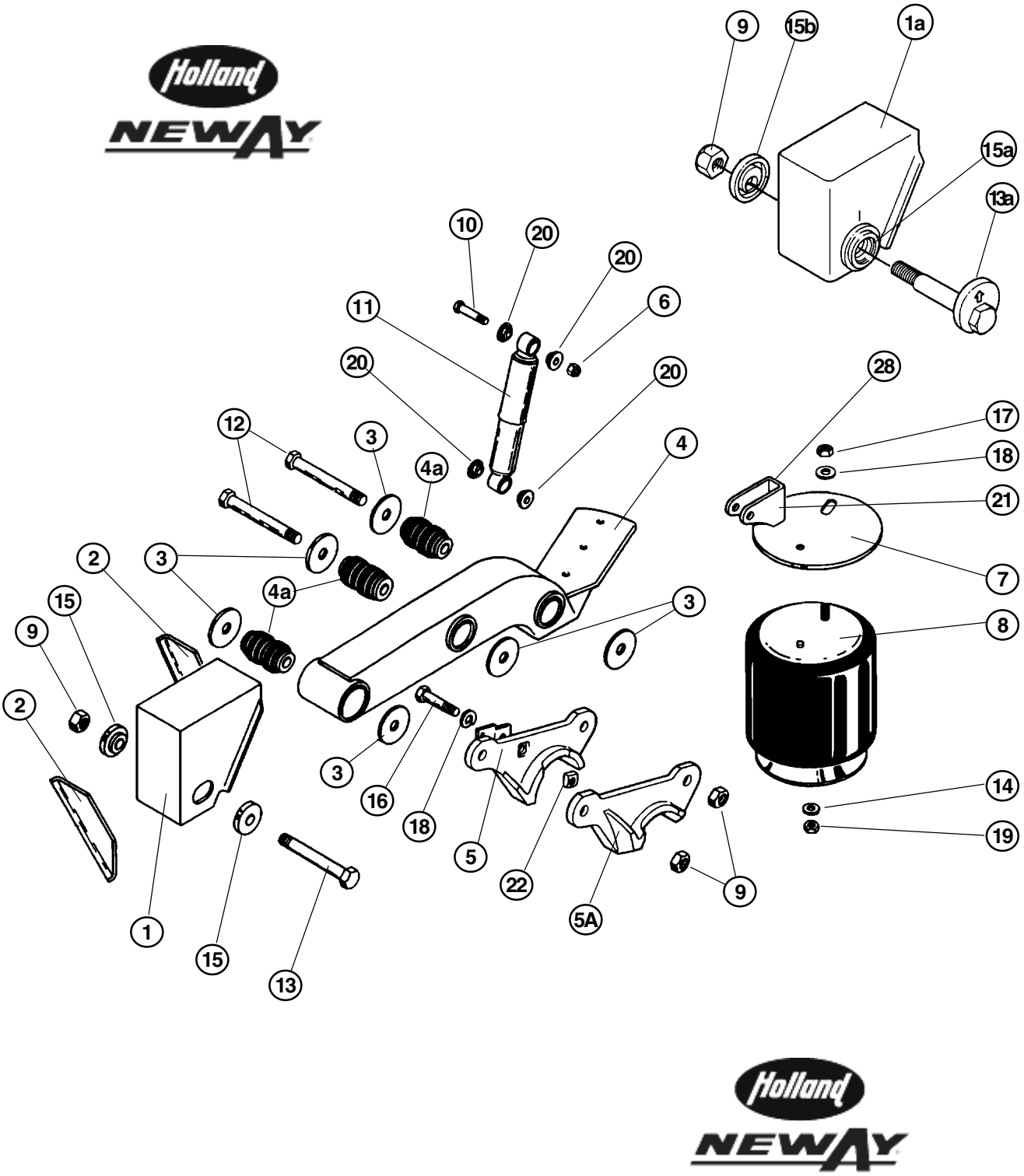
See Sub Frame Note.
Steel crossmember required.
1/4" X 3" X 3" minimum.

SUB FRAME NOTE:
Sub frame structure is responsibility of the trailer manufacturer or installer

MODEL	"A" Dim.	"B" Dim.
RL-228-14	7-1/4"	14"
RL-228-15	8-1/4"	15"
RL-228-16	10-5/8"	16"
RL-228-17	10-5/8"	17"

NOTES:
1. RL-228 Models can use cambered or non-cambered axles.
2. When camshaft is mounted to the rear of the axle, medium or long camshafts can be used.
3. When camshaft is to rear of axle, brake chambers are mounted under the axle as shown (See previous page).
4. Optional camshaft locations are available. Call for more information.

HOLLAND NEWAY RL-228-14, -15, -16, -17 AIR SUSPENSIONS



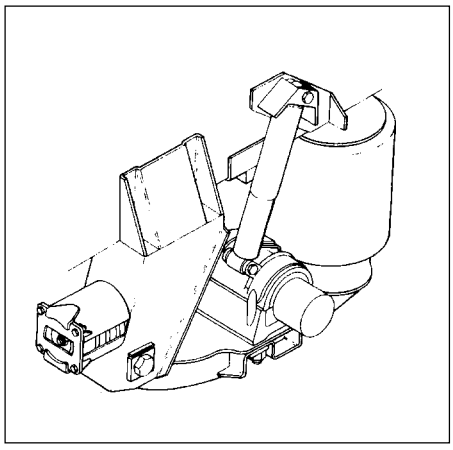
HOLLAND NEWAY RL-228-14, -15, -16, -17 AIR SUSPENSIONS

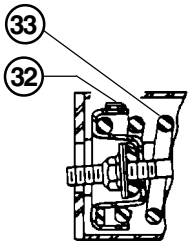
Item No.	Part Number	Description	Qty. Req'd	Model	Ride Height
1	**90520568**	Adjustable Frame Bracket	2*	RL-228	14
	90520561	Adjustable Frame Bracket	2*	RL-228	15
	90520843	Adjustable Frame Bracket	2*	RL-228	16, 17
1a	**90520858**	Non-Weld (EZ-ALIGN™) Frame Bracket LH (Includes 15a)	1	RL-228	14
	90520856	Non-Weld (EZ-ALIGN™) Frame Bracket LH (Includes 15a)	1	RL-228	15
	90520857	Non-Weld (EZ-ALIGN™) Frame Bracket LH (Includes 15a)	1	RL-228	16,17
2	**90025157**	Angle Brace	4	RL-228	14
	90023002	Angle Brace	4	RL-228	15,16,17
3	**90036177**	Spacer Washer	12	RL-228	All
4	**90516566**	Equalizing Beam LH (Includes 4a)	1	RL-228	All
	90516567	Equalizing Beam RH (Includes 4a)	1	RL-228	All
4a	**90008149**	Rubber Bushing	6	RL-228	All
5	**90501261**	Axle Adapter LH (inside)	1	RL-228	All
	90501262	Axle Adapter RH (inside)	1	RL-228	All
5a	**90001215**	Axle Adapter LH (outside)	1	RL-228	All
	90001216	Axle Adapter RH (outside)	1	RL-228	All
6	**93400492**	Lock Nut 3/4-10	2	RL-228	All
7	**90033785**	Air Spring Mounting Plate	2	RL-228	All
8	**90557156**	Air Spring Assembly	2	RL-228	14,15,16
	90557157	Air Spring Assembly	**2**	**RL-228**	**17**
9	**93400506**	Lock Nut 1 1/8-7	6	RL-228	All
10	**93003597**	Cap Screw 3/4-10 x 3 1/2"	2	RL-228	All
11	**90044642**	Shock Absorber	2	RL-228	14,15,16
	90044089	Shock Absorber	2	RL-228	17
12	**93201051**	Cap Screw1 1/8-7 x 8 1/2"	4	RL-228	All
13	**93201055**	Cap Screw 1 1/8-7 x 9 1/4"	2*	RL-228	All
13a	**90508009**	Cap Screw 1 1/8-7 x 9 1/4" (Non-Weld Application)	1	RL-228	All
14	**93600072**	Lock Washer 1/2"	2	RL-228	All
15	**90008147** ••	Alignment Bushing	4*	RL-228	All
15a	**90008185**	Alignment Bushing (Non-Weld Application)	2	RL-228	All
15b	**90008186**	Alignment Bushing (Non-Weld Application)	1	RL-228	All
16	**93003609**	Cap Screw 3/4-10 x 4"	2	RL-228	All
17	**93400149**	Hex Nut 3/4"-16	2	RL-228	All
18	**93600077**	Lock Washer 3/4"	4	RL-228	All
19	**93400136**	Hex Nut 1/2"-13	2	RL-228	All
20	**90508004**	Replacement Shock Bushing	8	RL-228	All
21	**90018515**	Upper Shock Bracket	2	RL-228	All
22	**93400367**	Square Nut 3/4-10	2	RL-228	All
	Service Repair Kits				
	48100206	SRK-149 - Axle Connection (5" round, 20" wheel)	1	RL-228	All
	48100264	SRK-203 - Pivot Connection, Adjustable	1	RL-228	All
	48100295	SRK-233 - Pivot Connection, Non-Weld (EZ-ALIGN™)	1	RL-228	All

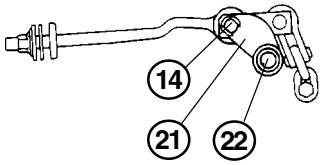
•• Note: If you replace the frame brackets on these suspensions, they have been updated to Part No. 9052 1--- series. These brackets take a different alignment collar. Use the 90008198 in place of the 90008147.

Holland NEWAY

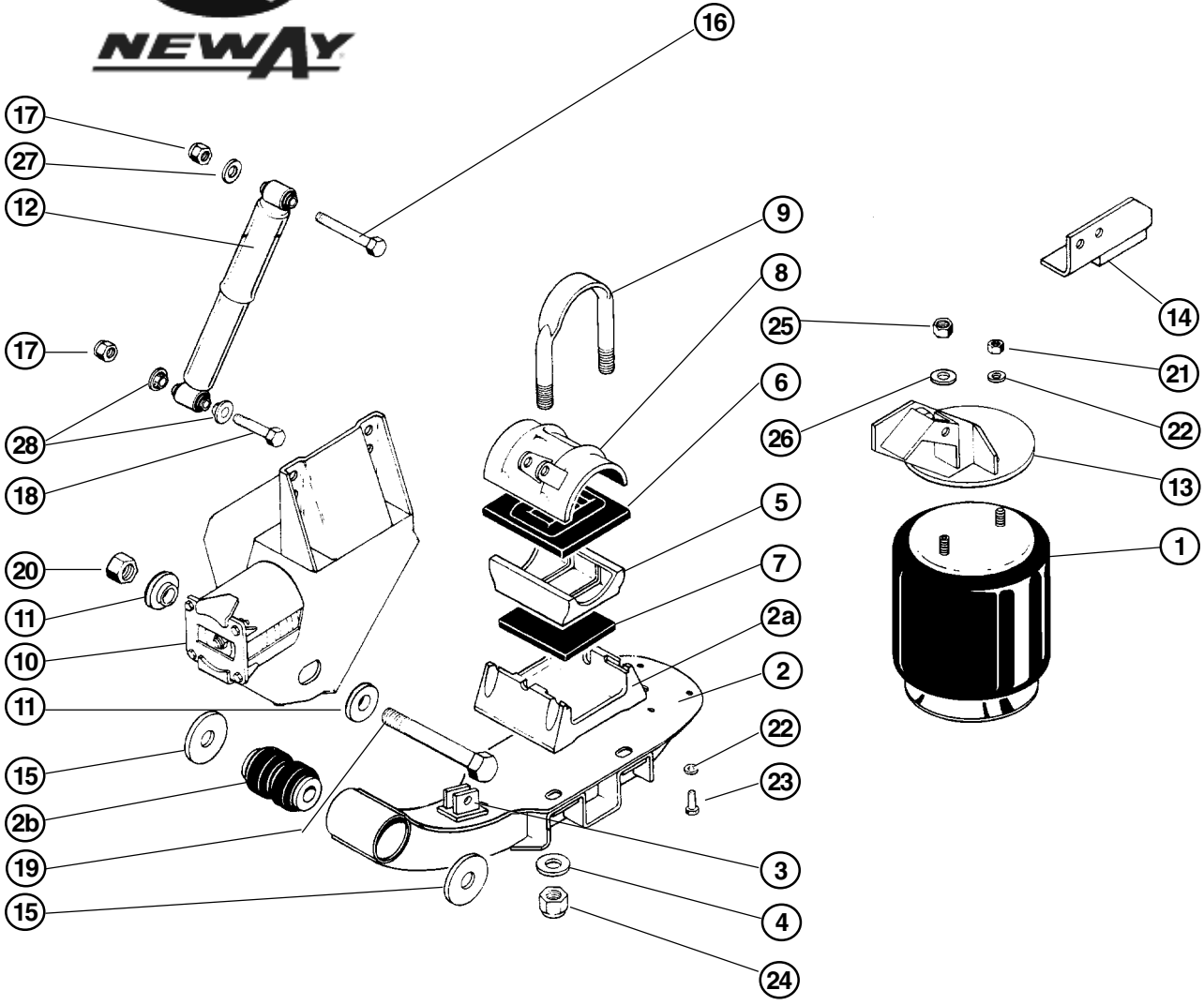
HOLLAND NEWAY ART-505-C, -1, ART-555-C-1,-2,-3 AIR SUSPENSIONS







Holland NEWAY

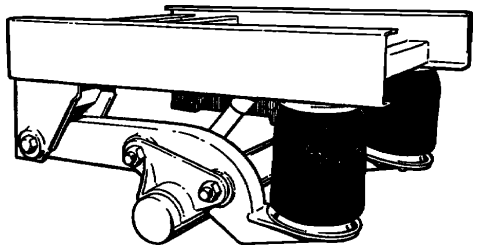


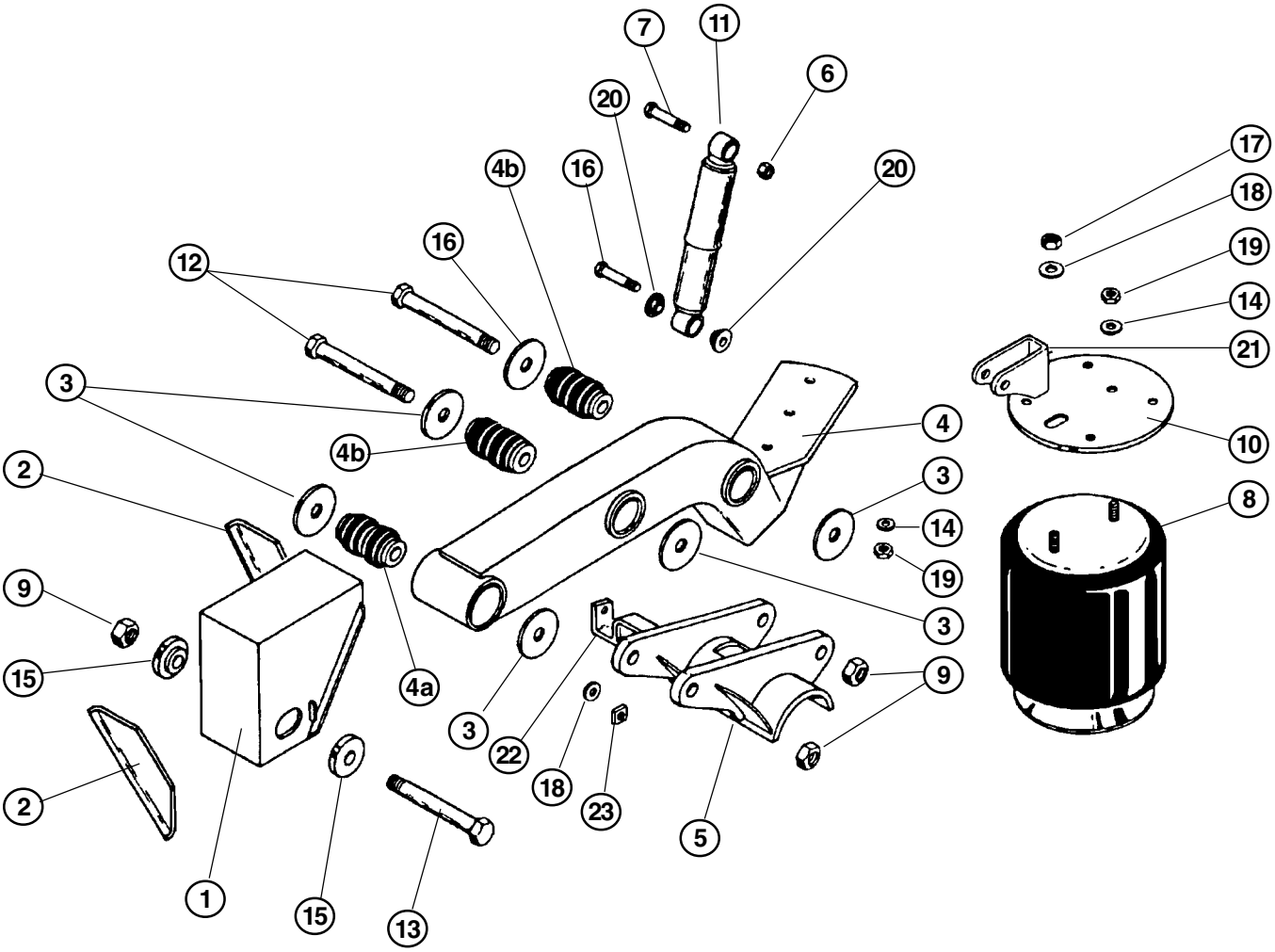
HOLLAND NEWAY ART-505-C, -1, ART-555-C-1,-2,-3 AIR SUSPENSIONS

Item No.	Part Number	Description	Qty. Req'd	Model
1	**90557027**	Air Spring Assembly	2	ART-505-C-1,-1
	90557008	Air Spring Assembly	2	ART-555-C-1,-2,-3
2	**90516335**	Equalizing Beam Assembly LH (Includes items 2a, 2b, 3)	1	ART-505-C, 555-C-3
	90516336	Equalizing Beam Assembly RH (Includes items 2a, 2b, 3)	1	ART-505-C, 555-C-3
	90516337	Equalizing Beam Assembly LH (Includes items 2a, 2b, 3)	1	ART-505-C-1, 555-C-2
	90516338	Equalizing Beam Assembly RH (Includes items 2a, 2b, 3)	1	ART-505-C-1, 555-C-2
	90516341	Equalizing Beam Assembly LH (Includes items 2a, 2b, 3)	1	ART-555-C-1
	90516342	Equalizing Beam Assembly RH (Includes items 2a, 2b, 3)	1	ART-555-C-1
2a	**90001006**	Beam Seat	2	ART-505-C, 555-C-3
	90501037	Beam Seat	2	ART-505-C-1, 555-C-2
	90001008	Beam Seat	2	ART-555-C-1
2b	**90008139**	Rubber Bushing	2	All
3	**90531040**	Beam Lift Bracket	2	All
4	**93900027**	Washer 1	8	All
5	**90001082**	Axle Adapter	2	All
6	**90028047**	Rubber Wrapper	2	All
7	**90028083**	Rubber Pad	2	All
8	**90510061**	Axle Cap Assembly LH - Without Axle Stops	1	All
	90510062	Axle Cap Assembly RH - Without Axle Stops	1	All
	90510063	Axle Cap Assembly LH - With Axle Stops	1	All
	90510064	Axle Cap Assembly RH - With Axle Stops	1	All
9	**90041878**	U-Bolt 1-8 x 9"	4	ART-505-C, 555-C-3
	90042791	U-Bolt 1-8 x 10 1/2"	4	ART-505-C-1, 555-C-2
	90042792	U-Bolt 1-8 x 12 1/2"	4	ART-555-C-1
10	**90519993**	Frame Bracket, LH, Adjustable	1	ART-555-C-1,-2,-3
	90519994	Frame Bracket, RH, Fixed	1	ART-555-C-1,-2,-3
	90519995	Frame Bracket, LH, Adjustable	1	ART-505-C,-1
	90519996	Frame Bracket, RH, Fixed	1	ART-505-C,-1
11	**90008147**	Adjusting Bushing	2	All
12	**90044162**	Shock Absorber	2	ART-505-C,-1, 555-C-1
	90044642	Shock Absorber	2	ART-555-C-2,-3
13	**90518319**	Air Spring & Shock Bracket Assembly LH	1	ART-505-C, 555-C-1,-3
	90518320	Air Spring & Shock Bracket Assembly RH	1	ART-505-C, 555-C-1,-3
	90518321	Air Spring & Shock Bracket Assembly LH	1	ART-505-C-1, 555-C-2
	90518322	Air Spring & Shock Bracket Assembly RH	1	ART-505-C-1, 555-C-2
14	**90544241**	Axle Stop Assembly LH	1	ART-505-C
	90544242	Axle Stop Assembly RH	1	ART-505-C
	90544243	Axle Stop Assembly LH	1	ART-505-C-1, 555-C-1
	90544244	Axle Stop Assembly RH	1	ART-505-C-1, 555-C-1
	90544245	Axle Stop Assembly LH	1	ART-555-C-2
	90544246	Axle Stop Assembly RH	1	ART-555-C-2
	90544247	Axle Stop Assembly LH	1	ART-555-C-3
	90544248	Axle Stop Assembly RH	1	ART-555-C-3
15	**90036177**	Spacer Washer	4	All
16	**93003645**	Hex Head Bolt 3/4-10 x 5 1/2" Gr5	2	All
17	**93400492**	Lock Nut 3/4-10 GrB	4	All
18	**93003579**	Hex Head Bolt 3/4-10 x 3 1/2" Gr5	2	All
19	**32101055**	Hex Head Bolt 1 1/8-7 x 9 1/4" Gr8	2	All
20	**93400506**	Lock Nut 1 1/8-7 GrC	2	All
21	**93400136**	Hex Nut 1/2-13 GrB	2	All
22	**93600072**	Lock Washer 1/2	8	All
23	**93002893**	Hex Head Bolt 1/2-13 x 1" Gr2	6	All
24	**93400502**	Lock Nut 1-8 GrC	8	All
25	**93400149**	Hex Nut 3/4-16 GrB	2	All
26	**93600077**	Lock Washer 3/4	2	All
27	**93600005**	Washer 3/4	2	All
28	**90508004**	Replacement Shock Bushing	8	All
	Service Repair Kits			
29	**48100215**	SRK-158 - Cam Assembly 1"	1	All
30	**48100218**	SRK-161 - Lower Cam Pin	1	All
31	**48100219**	SRK-162 - Upper Cam Pin	1	All
32	**48100220**	SRK-163 - Wear Band	1	All
33	**48100230**	SRK-173 - Coil Spring Replacement (Includes Installation Tool)	2	All
	48100250	SRK-173-1 - Coil Spring Replacement (Without Installation Tool)	2	All
	48100108	SRK-64 - Axle Connection (5" Round)	1	ART-505-C, 555-C-3
	48100110	SRK-66 - Axle Connection (5" Round)	1	ART-505-C-1, 555-C-2
	48100112	SRK-68 - Axle Connection (5" Square)	1	ART-505-C, 555-C-3
	48100181	SRK-128 - Axle Connection (5" Round)	1	ART-555-C-1
	48100202	SRK-145 - Pivot Connection	1	All

HOLLAND NEWAY AR-92-12,-14,-15,-16,-17,-18 AIR SUSPENSIONS

AR-92-12,-14,-15,-16,-17,-18





HOLLAND NEWAY AR-92-12,-14,-15,-16,-17,-18 AIR SUSPENSIONS

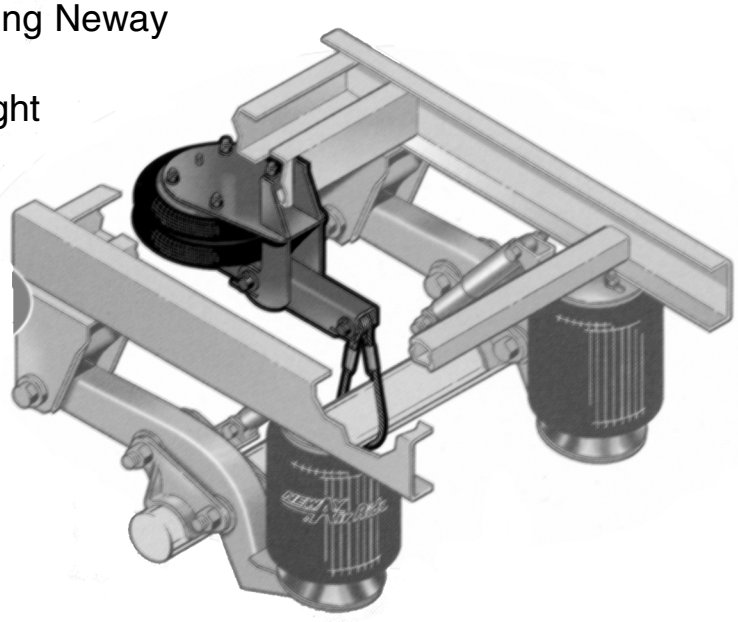
Item No.	Part Number	Description	Qty. Req'd	Model	Ride Height
1	**90520383**	Adjustable Frame Bracket	2	AR-92	12
	90520346	Adjustable Frame Bracket	2	AR-92	14
	90519710	Adjustable Frame Bracket	2	AR-92	15
	90520235	Adjustable Frame Bracket	2	AR-92	16,17
	90520385	Adjustable Frame Bracket	2	AR-92	18
2	**90025157**	Angle Brace	4	AR-92	12
	90023002	Angle Brace	4	AR-92	14,15
	90023001	Angle Brace	4	AR-92	16,17,18
3	**90036177**	Spacer Washer	12	AR-92	All
4	**90516500**	Equalizing Beam LH (Includes Items 4a, 4b)	1	AR-92	All
	90516501	Equalizing Beam RH (Includes Items 4a, 4b)	1	AR-92	All
4a	**90008139**	Rubber Bushing (Front Pivot)	2	AR-92	All
4b	**90008149**	Rubber Bushing (Axle Connection)	4	AR-92	All
5	**90501289**	Axle Adapter LH (Includes Item 22)	1	AR-92	All
	90501290	Axle Adapter RH (Includes Item 22)	1	AR-92	All
6	**93400492**	Lock Nut 3/4-10	2	AR-92	All
7	**93003597**	Cap Screw 3/4-10 x 3 1/2'	2	AR-92	All
8	**90557117**	Air Spring Assembly	2	AR-92	12,14
	90557118	Air Spring Assembly	2	AR-92	15,16
	90557119	Air Spring Assembly	2	AR-92	17,18
9	**93400506**	Lock Nut 1 1/8-7	6	AR-92	All
10	**90033785**	Air Spring Mounting Plate	2	AR-92	All
11	**90044162**	Shock Absorber	2	AR-92	12
	90045040	Shock Absorber	2	AR-92	14
	90045054	Shock Absorber	2	AR-92	15
	90044794	Shock Absorber	2	AR-92	16
	90044642	Shock Absorber	2	AR-92	17
	90044089	Shock Absorber	2	AR-92	18
12	**93201051**	Cap Screw 1 1/8-7 x 8 1/2"	4	AR-92	All
13	**93201055**	Cap Screw 1 1/8-7 x 9 1/4"	2	AR-92	All
14	**93600072**	Lock Washer 1/2	4	AR-92	All
15	**90008147** ••	Alignment Bushing	4	AR-92	All
16	**93003609**	Cap Screw 3/4-10 X 4"	2	AR-92	All
17	**93400149**	Hex Nut 3/4-16	2	AR-92	All
18	**93600077**	Lock Washer 3/4"	4	AR-92	All
19	**93400136**	Hex Nut 1/2-13	4	AR-92	All
20	**90508004**	Replacement Shock Bushing	8	AR-92	All
21	**90018515**	Upper Shock Bracket	2	AR-92	All
22	**90519773**	Lower Shock Bracket	2	AR-92	All
23	**93400367**	Square Nut 3/4-10	2	AR-92	All
	Service Repair Kits				
	48100202	SRK-145 - Pivot Connection	1	AR-92	All
	48100206	SRK-149 - Axle Connection (5" Round, 20" Wheel)	1	AR-92	All

•• Note: If you replace the frame brackets on these suspensions, they have been updated to Part No. 9052 1--- series. These brackets take a different alignment collar. Use the 90008198 in place of the 90008147.

HOLLAND NEWAY TRAILER AIR SUSPENSION LIFT/LOWER KITS

CBL "Center Bag Lift" Kits
Available for most RL Series Suspensions.

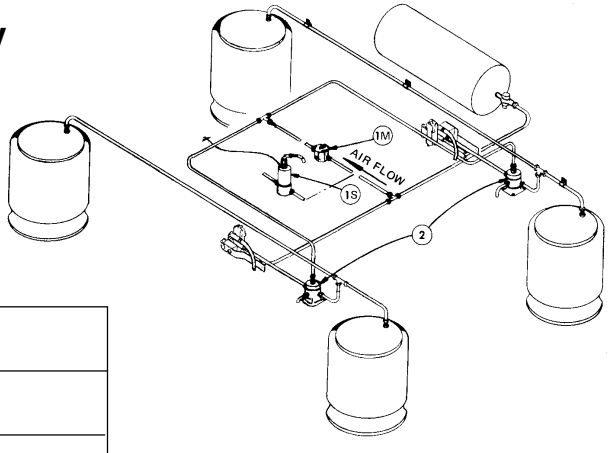
- Easy Installation makes it the right choice for ease in lifting.
- It can also be retrofitted to existing Neway RL series suspensions.
- It mounts below the frame for tight clearance applications.
- Light Weight
- Low Maintenance
- Durable Design
- Also, it comes with a 5 year/500,000 mile warranty.



Order by Ride Height
Part No. CBL 14/15
Part No, CBL 16/17

42100026 (AC-78-M-1)

Manual Air Control Kit for Lowering Only



AIR CONTROL PARTS LIST KIT Part No. 42100026 (AC-78-M-1)			
ITEM NO.	**PART NO.**	**QTY. REQ'D**	**DESCRIPTION**
1	**90054088**	1	Valve, Manually Operated
2	**90554615**	1	Pilot Valve*
3	**90044207**	2	Decal - Operating Instructions

SRK kits not available, use component parts.

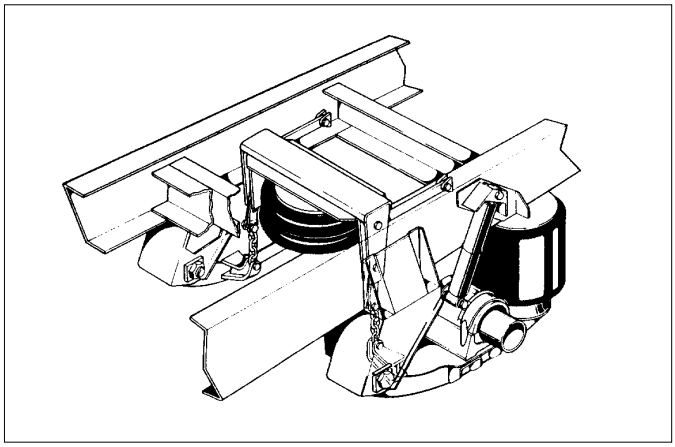
Use Pilot Valve 90554547 for cold weather applications.

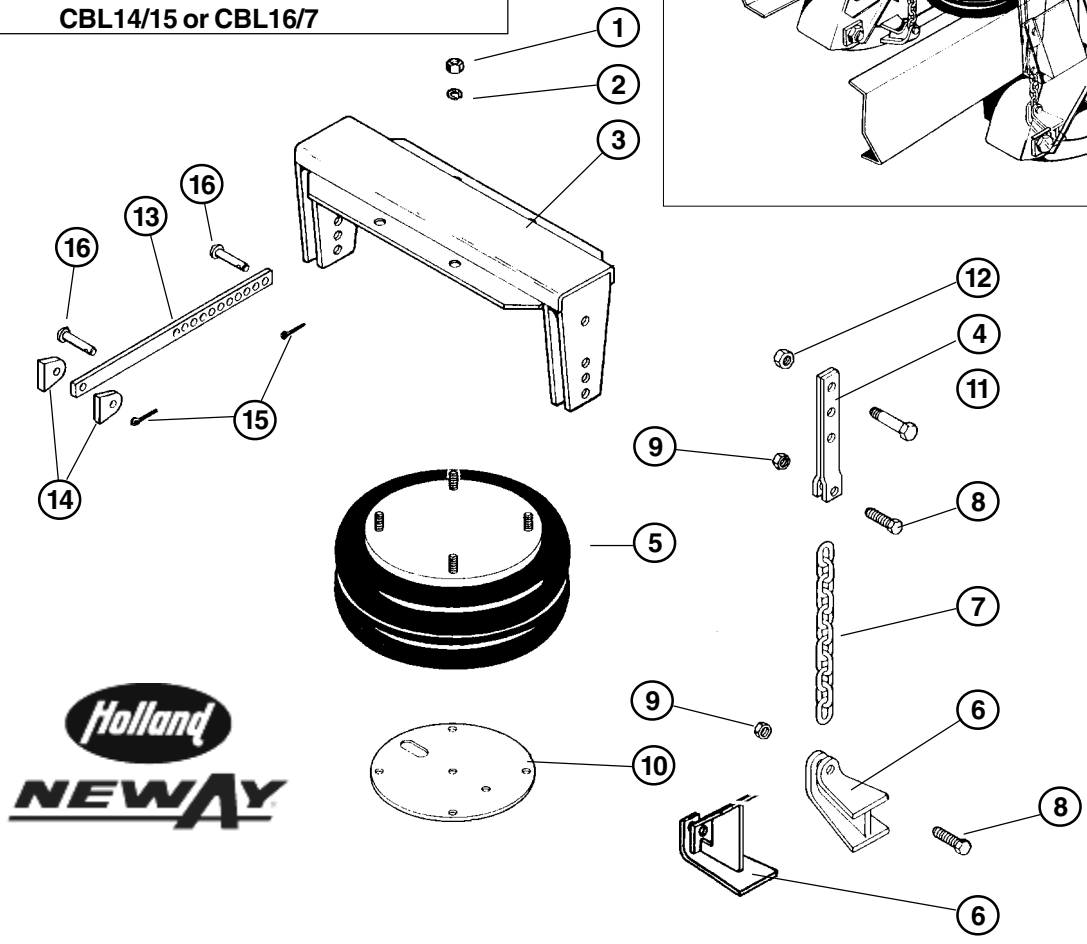
HOLLAND NEWAY AXLE AIR LIFTS

TRAILER, TRUCK-TRACTOR
AXLE AIR LIFT
AL SERIES

Models AL-75-B, AL-76-B, AL-77 AL-78

Parts listed to Reference Replacement.
Order CBL Kits for Lift Kit.
CBL14/15 or CBL16/7





Item No.	AL-75-B Part No.	AL-76-A Part No.	AL-77 Part No.	AL-78 Part No.	Description	Qty
1	**93400136**	**93400136**	**93400136**	**93400136**	Hex Nut 1/2"-13	8
2	**93600072**	**93600072**	**93600072**	**93600072**	Lock Washer 1/2"	8
3	**90501083**	**90501084**	**90501083**	**90501084**	Air Spring Yoke Lift Assembly	1
4	**90018218**	**90018218**	**90018218**	**90018218**	Yoke Half	4
5	**90557001**	**90557001**	**90557001**	**90557001**	Air Spring	1
6	**90518201**	**90518201**	**90519808**	**90519808**	Bracket Assembly	2
7	**90044111**	**90044109**	**90044111**	**90044111**	Chain H. T.	2
8	**93900031**	**93900031**	**93900031**	**93900031**	Cap Screw 1/2"-13 x 1 3/4"	4
9	**93400541**	**93400541**	**93400541**	**93400541**	Lock Nut 1/2"-13	4
10	**90031027**	**90031027**	**90031027**	**90031027**	Air Spring Mounting Plate	1
11	**93900039**	**93900039**	**93900039**	**93900039**	Cap Screw 5/8"-11 x 2"	2
12	**93400549**	**93400549**	**93400549**	**93400549**	Lock Nut 5/8"-11	2
13	**90006283**	**90006283**	**90006283**	**90006283**	Control Link	2
14	**90031007**	**90031007**	**90031007**	**90031007**	Stabilizer End Bracket	4
15	**93800001**	**93800001**	**93800001**	**93800001**	Cotter Pin 1/8" x 1"	4
16	**90044164**	**90044164**	**90044164**	**90044164**	Yoke Pin	

HOLLAND NEWAY TRAILER AIR SUSPENSION AIR CONTROL KIT

42100021 (AC-6100)

For AR-90 Series Air Ride Suspensions With a Single Height Control Valve System

AC-6100 AIR CONTROL PARTS LIST			
ITEM NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	**90054007**	Height Control Valve	1
2	**90554107**	Air Pressure Protection Valve & Filter	1
3	**90024792**	Mounting Bracket	1
4	**48100224**	SRK-67 Kit (Adj. Link Ass'y)	1
5	**93002349**	Cap Screw 1/4"-20 x 3/4	2
6	**93400060**	Lock Nut 1/4"-20	2
7	**90054038**	Axle Bracket	1
8	**94100119**	Decal (Operating)	1
9	**94100466**	Height Control Valve Instructions	1

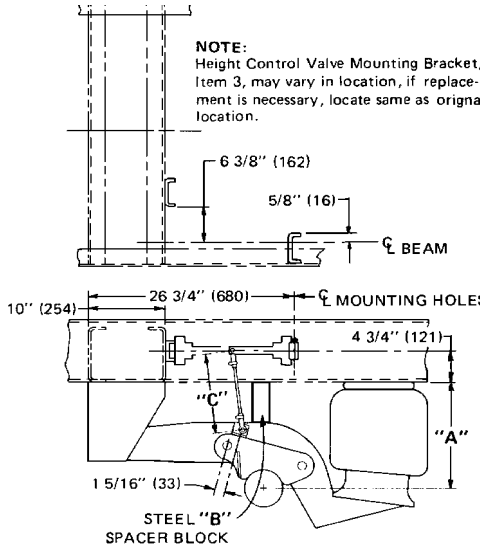
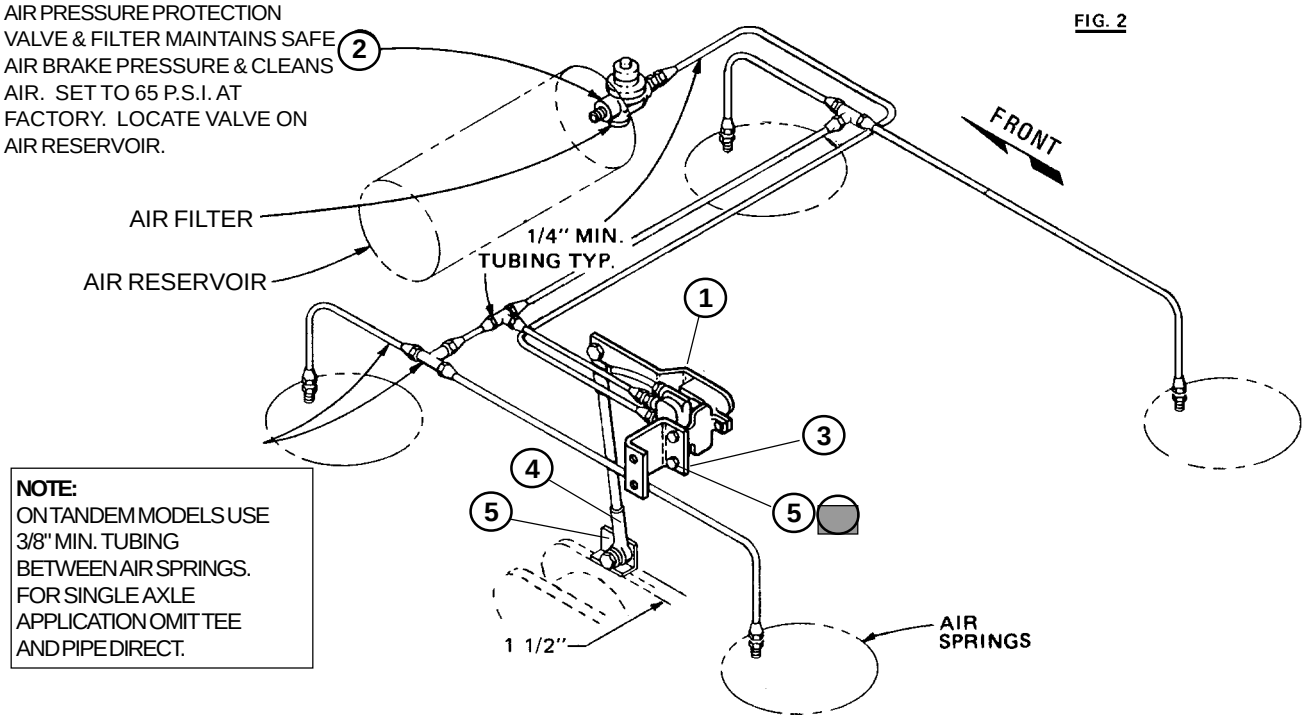


FIG. 2



NOTE:
ON TANDEM MODELS USE 3/8" MIN. TUBING BETWEEN AIR SPRINGS. FOR SINGLE AXLE APPLICATION OMIT TEE AND PIPE DIRECT.

NOTE: ALL AIR LINES MUST BE PROTECTED AND SUPPORTED WHEN PASSING THRU FRAME MEMBER

Locate Height Control Valves on:
Rear axle of tandem, Center axle of multiple axles. Do not locate on lift axles. Call for special applications.

Holland NEWAY

HOLLAND NEWAY TRAILER AIR SUSPENSION AIR CONTROL KIT

(*AC60-17)

***Parts Referenced for Replacement (-Kit not stocked)**

For AR-90 Series Air Ride Suspensions With 2 Height Control Valve System

AC60-17 AIR CONTROL PARTS LIST			
ITEM NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	**90054007**	Height Control Valve	2
2	**90554107**	Air Pressure Protection Valve & Filter	1
3	**90024792**	Mounting Bracket	2
4	**48100224**	SRK-67 Kit (Adj. Link Ass'y)	2
5	**93002349**	Cap Screw 1/4"-20 x 3/4	4
6	**93400060**	Lock Nut 1/4"-20	4
7	**90054038**	Axle Bracket	2
8	**94100119**	Decal (Operating)	1
9	**94100466**	Height Control Valve Instructions	1

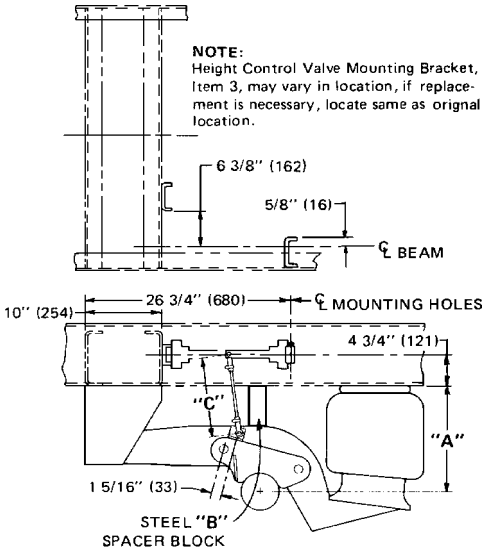
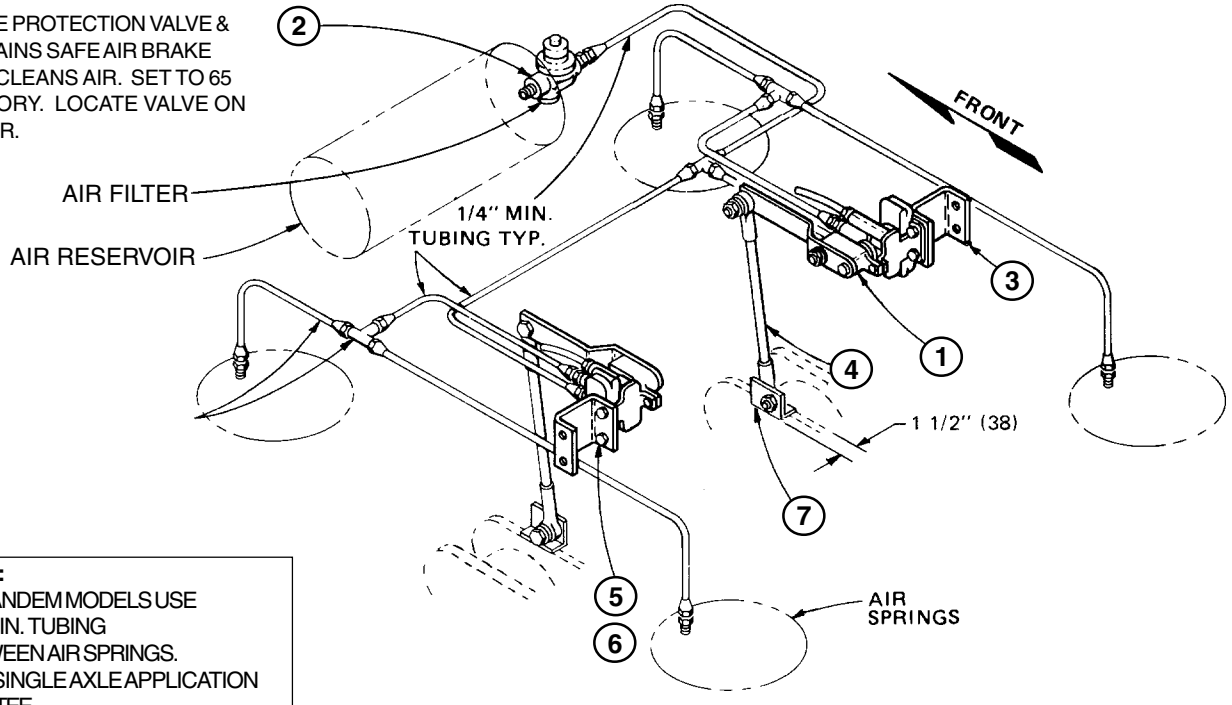


FIG. 2

AIR PRESSURE PROTECTION VALVE & FILTER MAINTAINS SAFE AIR BRAKE PRESSURE & CLEANS AIR. SET TO 65 P.S.I. AT FACTORY. LOCATE VALVE ON AIR RESERVOIR.



NOTE:
ON TANDEM MODELS USE 3/8" MIN. TUBING BETWEEN AIR SPRINGS. FOR SINGLE AXLE APPLICATION OMIT TEE AND PIPE DIRECT.

Locate Height Control Valves on:
Rear axle of tandem, Center axle of multiple axles. Do not locate on lift axles. Call for special applications.

SERVICE REPAIR KITS

Part No. 48100132 SRK-11A

For servicing pivot connections on Neway trailer air suspensions - models: AR-120, AR-120-L, AR-125, AR-125-L, AR-120-US, AR-120-US-L, AR-125-US and AR-125-US-L

Components	Description	Qty.
90508001	Rubber Bushing	2
93003389	Hex Head Bolt	4
93003633	Hex Head Bolt	4
93400490	Lock Nut	4
93400492	Lock Nut	4
93600035	Spacer Washer	4
93600150	Washer	4
93600156	Washer	4

Part No. 48100016 SRK-15

For servicing 5" Dia. axle connections on Neway AR-I series top mount trailer air ride suspensions.

Components	Description	Qty.
90028007	Rubber Wrapper	2
90028016	Rubber Pad	2
93200754	Rod Bolt	4
93400496	Lock Nut	8
93600162	Washer	8
93900178	Rod Bolt	4

Part No. 48100033 SRK-36

For servicing 5" Rd. axle and trunnion connections on Neway RTS series suspensions.

Components	Description	Qty.
91008014	Rubber Trunnion Bushing	2
91028010	Rubber Wrapper	2
91028023	Lower Rubber Pad	4
93003575	Cap Screw	16
93400492	Lock Nut	16
93600156	Washer	32

Part No. 48100050 SRK-39

For servicing radius rod connections on Neway RTS, T and TR series trailer suspensions.

Components	Description	Qty.
91008007	Rubber Bushing	4
93900009	Rod Bolt	4
93400569	Lock Nut	4

Part No. 48100193 SRK-48A

For servicing the pivot connections on Neway AR-50 series air ride suspensions.

Components	Description	Qty.
90008131	Rubber Bushing	2
93201045	Rod Bolt	2
93400506	Lock Nut	2

Part No. 48100108 SRK-64

For servicing 5" Dia. axle connections on Neway AR series underslung trailer and ART series truck/tractor air suspensions.

Components	Description	Qty.
90028047	Rubber Wrapper	2
90028083	Rubber Pad	2
90041878	U-Bolt	4
93400502	Lock Nut	8
93600028	Flat Square Washer	8
93900027	Washer	8

Part No. 48100110 SRK-66

For servicing 5" Dia. axle connections on Neway AR120/125 and ART500/505/555 air suspensions.

Components	Description	Qty.
90028047	Rubber Wrapper	2
90028083	Rubber Pad	2
90042791	U-Bolt	4
93400502	Lock Nut	8
93600028	Flat Square Washer	8
93900027	Washer	8

Part No. 48100112 SRK-68

For servicing 5" Sq., 20" wheel axle connections on Neway AR-I, AR-III, AR-50 and ART series air suspensions.

Components	Description	Qty.
90028005	Rubber Wrapper	2
90028073	Rubber Wrapper	2
90028083	Rubber Pad	2
90041997	U-Bolt	4
93400502	Lock Nut	8
93600028	Flat Square Washer	8
93900027	Washer	8

Part No. 48100161 SRK-77-1

For servicing transverse beam bushing connections on Neway ARD series suspensions.

Components	Description	Qty.
90008113	Rubber Bushing	4
90036007	Spacer Washer	2
93400511	Lock Nut	2
93600180	Plain Washer	2
93600512	Washer	2

Part No. 48100124 SRK-80

For servicing 5-3/4" Dia. axle beam hanger bushing connection on Neway ARD series air suspensions.

Components	Description	Qty.
90001002	Adapter Bushing	4
90008008	Rubber Bushing	2
93003693	Cap Screw	2
93400492	Lock Nut	2
93600156	Washer	4

SERVICE REPAIR KITS

Part No. 48100144 SRK-96

For Neway AR-III series trailer air suspensions and ART series truck/tractor air suspensions.

Components	Description	Qty.
90031785	End Plate	2
90044218	Yoke Grommet	2
90044572	Half Washer	2
90044574	Lower Cam Bearing Spacer Seal	4
90044576	Lower Cam Bearing Inner Seal	2
90544661	Lower Cam Pin	2
90544670	Cam Assembly	2
93400494	Lock Nut	2
93900151	Lock Nut	2

Part No. 48100195 SRK-139

For servicing pivot connection of Neway ARD series suspensions.

Components	Description	Qty.
90008120	Alignment Bushing	4
90008131	Rubber Bushing	2
93201055	Rod Bolt	2
93400506	Lock Nut	2
93600495	Spacer Washer	4

Part No. 481 00 202 SRK-145

For servicing pivot connections on Neway trailer ans truck/tractor air ride suspensions.

Components	Description	Qty.
90008139	Rubber Bushing	2
90036177	Spacer Washer	4
93201055	Rod Bolt	2
93400506	Lock Nut	2

Part No. 48100205 SRK-148

For servicing front pivot connections on Neway ARD series air suspensions.

Components	Description	Qty.
90008145	Rubber Bushing	2
93201055	Rod Bolt	2
93400506	Lock Nut	2

Part No.48100206 SRK-149

For servicing 5" Dia. axle connections on Neway AR-90 series air suspensions.

Components	Description	Qty.
90008149	Rubber Bushing	4
90036175	Wear Washer	8
90036177	Spacer Washer	8
93201051	Hex Bolt	4
93400506	Lock Nut	4

Part No.48100215 SRK-158

Coil spring lift kit.

Components	Description	Qty.
90036161	Spacer Washer	2
90044218	Yoke Grommet	2
90044574	Lower Cam Bearing Spacer Seal	4
90044576	Lower Cam Bearing Inner Seal	2
90044776	Yoke Grommet	2
90544661	Lower Cam Pin	2
90544670	Cam Assembly	2
93400494	Lock Nut	2
93600508	Washer	2
93900195	Lock Nut	2

Part No.48100216 SRK-159

Coil spring lift kit.

Components	Description	Qty.
50506001	Rod Bolt	1
50544002	Fixture Plate	1
90044776	Yoke Grommet	1
90044777	Bracket	4
90057034	Conical Spring	1
90544800	Spring Cup	1
90544802	Tube Assembly	1
93002577	Cap Screw	4
93400128	Nut	4
93400604	Nut	1
93600156	Washer	1
93600508	Washer	1
93900195	Lock Nut	1

Part No. 48100225 SRK-168

For servicing height control valve link assemblies on air ride suspensions with automatic air control kits.

Components	Description	Qty.
90006396	18.25" Rod	1
90054516	Link End	2
93400060	Lock Nut	2
93600522	Washer	4
93900198	Hose Clamp	2
93900224	Shoulder Bolt	2

Part No. 48100230 SRK-173

Coil spring replacement.

Components	Description	Qty.
50506001	Rod Bolt	1
50544002	Fixture Plate	1
90044776	Yoke Grommet	1
90057034	Conical Spring	1
90544800	Spring Cup	1
93002577	Cap Screw	4
93400128	Nut	4
93400604	Nut	1
93600156	Washer	1
93600508	Washer	1
93900195	Lock Nut	1

SERVICE REPAIR KITS

Part No. 48100250 SRK-173-1

Coil spring replacement.

Components	Description	Qty.
90044776	Yoke Grommet	1
90057034	Conical Spring	1
90544800	Spring Cup	1
93002577	Cap Screw	4
93400128	Nut	4
93600508	Washer	1
93900195	Lock Nut	1

Part No.48100260 SRK-200

Pivot Connection Kit

Components	Description	Qty.
90008151	Rubber Bushing	2
93201055	Rod Bolt	2
93400506	Lock Nut	2
93600502	Spacer Wahser	4

Part No. 48100261 SRK-201

For servicing transverse connection.

Components	Description	Qty.
90008135	Rubber Bushing	2
90036118	Spacer Washer	4
93400603	Nut	2
93400498	Washer	2
93800235	Roll Pin	4

Part No. 48100264 SRK-203

For servicing pivot connections on Neway RL 196 and RL228 suspensions.

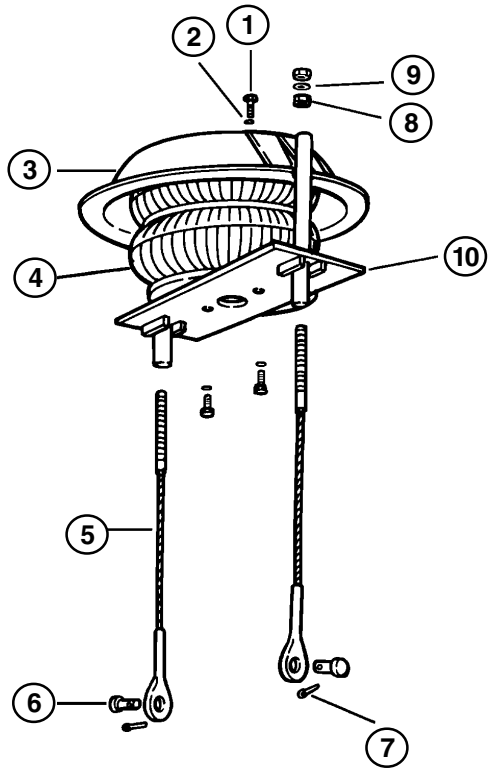
Components	Description	Qty.
90008149	Rubber Bushing	2
90036177	Spacer Washer	4
93201055	Rod Bolt	2
93400506	Lock Nut	2

Part No.48100295 SRK-223

For servicing pivot connections on Neway RL 196 and RL228 non-weld suspensions.

Components	Description	Qty.
90008149	Rubber Bushing	1
90008186	Alignment Block - Non-Weld	1
90036177	Spacer Washer	2
90508009	Alignment Bushing	1
93400506	Lock Nut	1

GRANNING AIR LIFT PARTS

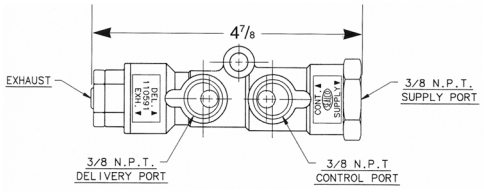


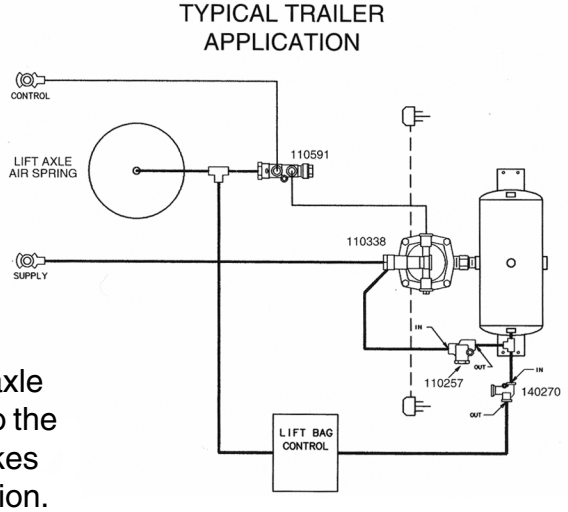
Granning T-502L Air Lifts Parts List				
Item	T-502L-1 T-300A Series Part No.	T-502L-4 T-350A Series Part No.	Description	Qty
1	180121	180121	Bolt, 3/8"-16X7/8"	4
2	1023321	103321	Lock Washer, 3/8"	4
3	1390	1390	Lift Dome Ass'y	1
4	2B12-305	2B12-305	Air Spring Ass'y	1
5	3703	3703	Cable Lift Kit	2
	Item 5 Consists of items 6, 7, 8 and 9:			
6	1235	1235	Pin, Lift Cable	1
7	103408	103408	Cotter Pin, 3/16"X1 1/4"	1
8	451539	451539	Jam Nut, 3/4"-10 Gr5	2
9	1595	1595	Washer "D"	1
10	1387	1387	Plate Assembly	1

LIFT AXLE CONTROL VALVE

Lift Axle Control Valve
Part No. 110591

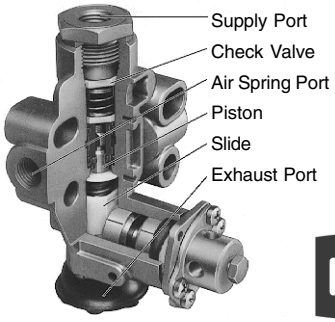
AIR SEALCO CONTROLS





Pressurizing the lift axle air spring to lift the axle causes the 110591 to close the control port to the delivery port. This prevents the service brakes from applying while the axle is in the up position.

HEIGHT CONTROL VALVES



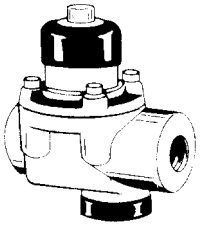
Shown without optional dump valve

IMMEDIATE RESPONSE
Type IR Height Control Valve

- Adjusts air pressure with **no time delay** to maintain desired chassis position.
- Universal application - allows for RH or LH applications, horizontal or vertical installations.
- Can be used for truck, tractor and trailer air suspension applications, air cab, and industrial applications.

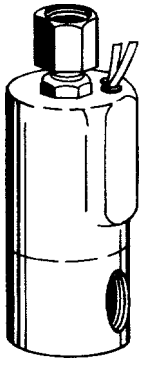
Part No.	Dual Port Delivery	Port Size	Flow Rate	Operating Temp.	Max. Work'g Pressure
90554241	Yes	1/4" NPT	10 SCFM	-40Fto+176	160 PSI

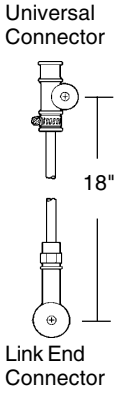
48100267 Linkage Repar Kit for this Valve (SRK205).



PRESSURE PROTECTION VALVE
Filters air and protects air supply from loss of pressure. Installed on air reservoir
Set to 65 PSI at factory.
Part No. 90554107

3 WAY ELECTRIC SOLENOID VALVE
Three 1/4" ports. Included in air control kits for raising and lowering systems.
Valve Normally Open:
Part No. 90054075
Valve Normally Closed:
Part No. 90054074





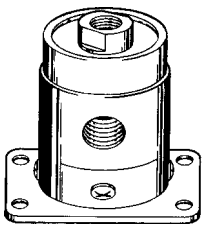
LINKAGE COMPONENTS
Service Repair Kit
Linkage kit for use on Neway IR height control valve.
Can be cut to required length.

Part No. 48100267 (SRK205)

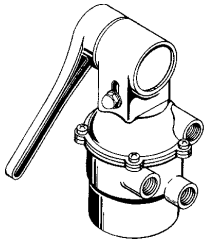
Flexible Link Assembly
Service repair Kit
For servicing height control valve link assemblies on air ride suspensions. Replaces link assemblies from 4.5" to 20" (one kit per height control valve)

Kit No. 48100225 (SRK168)
Kit Contains:
1 90006396 18.25" rod
1 90054516 link end
2 93900198 hose clamp
2 93900224 shoulder bolt
4 93900119 washer, 1/4"
2 93400060 1/4-20 locknut

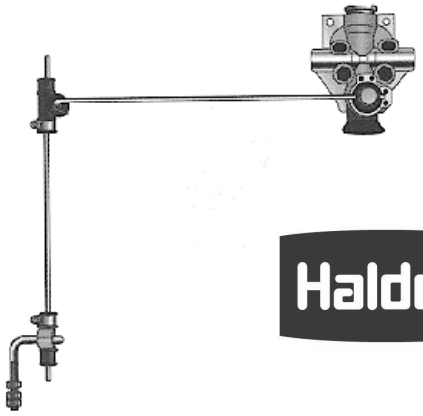
PILOT VALVE
Included in air control kits for raising and lowering systems.
1/8" pilot port
1/4" all other ports
Part No. **90554615**



HAND VALVE
Includes mounting bracket for dash, steering column or floor mounting.
Part No. E-4329 (90054082)



HEIGHT CONTROL / LEVELING VALVES

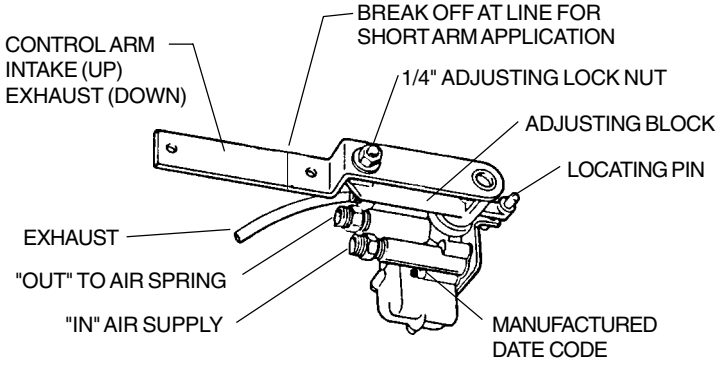


Leveling Valve

Used to maintain vehicle height on an air suspended chassis.

- Made of durable EGC (Engineering Grade Composite).
- One valve can be used for left and right installations
- One valve can control two suspension bellows
- Includes a standard vertical linkage whcih can be cut to desired length, and an adapter plate to allow changeover from comkpetitive models.

Part No. KN27000



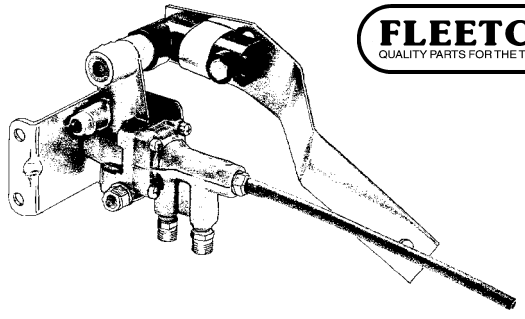
Height Control Valve

Automatically adds air to, or exhausts air from air suspension to maintain a constant static design height. Does not respond to short duration dynamic changes in axle position. Can be used in RH or LH applications

On suspension supply line always use a pressure protection valve and filter attached directly to air reservoir in the supply to the height control valve.

All ports 1/8" NPT.

Part No. 90054007

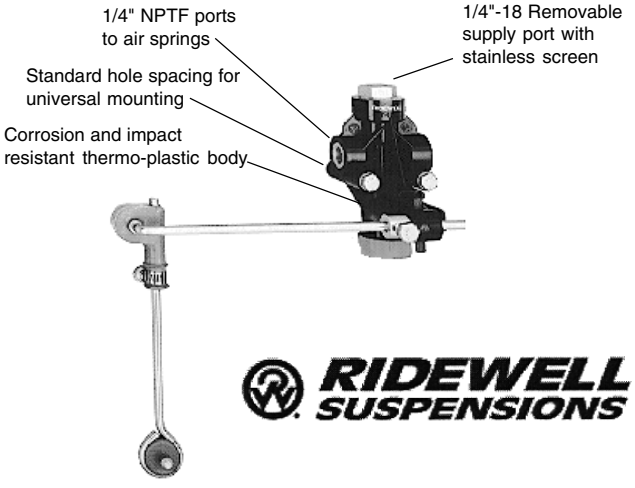


FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Height Control Valve

Automatically adds air to, or exhausts air from air suspension to maintain a constant static design height.

Part No. FC54007



Ridewell Height and Leveling Control Valve
For Air Suspensions, Cabs, Seats

- Responds instantly to correct air pressure, releveling chassis to desired ride height.
- Maintenance-free due to non-corrosive self lubricating, adjustment-free internal parts.
- Universal application - one model fits single or dual port deliveries for LH, RH, or center mount.

Part No. 1054008

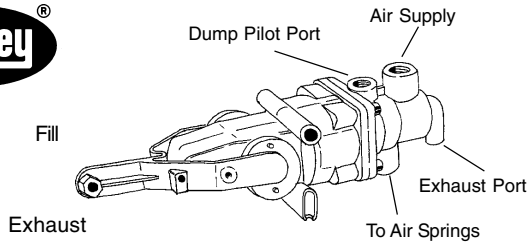
AIR PRESSURE GAUGES

Air Pressure Gauge
0 - 100 Pounds
$2^{1}/_{4}$" Diameter Face
1/4" NPTF
Part No. 90054700

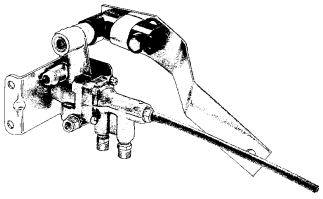
Air Pressure Gauges
0 - 100 Pounds
$2^{1}/_{8}$" Diameter Face
1/4" NPTF
Part No. 4X512

0 - 200 Pounds
$2^{1}/_{8}$" Diameter Face
1/4" NPTF
Part No. 4X513

HEIGHT CONTROL / LEVELING VALVES



Hadley Height Control Valve With Integrated Dump Valve
The 500 series is the fastest air spring fill and exhaust system available. Up to 300% faster fill and exhaust rates. Die cast body. Dump valve eliminates added on valves and associated plumbing and parts.
Tractor - trailer applications. Includes linkage and mounting brackets
Part No. H500C



Hadley Standard Height Control Valve
Many OEM Applications. Interchangeable with other makes. Mount on right or left.
Part No. H450CE

RAPID DUMP AIR SUSPENSION VALVE

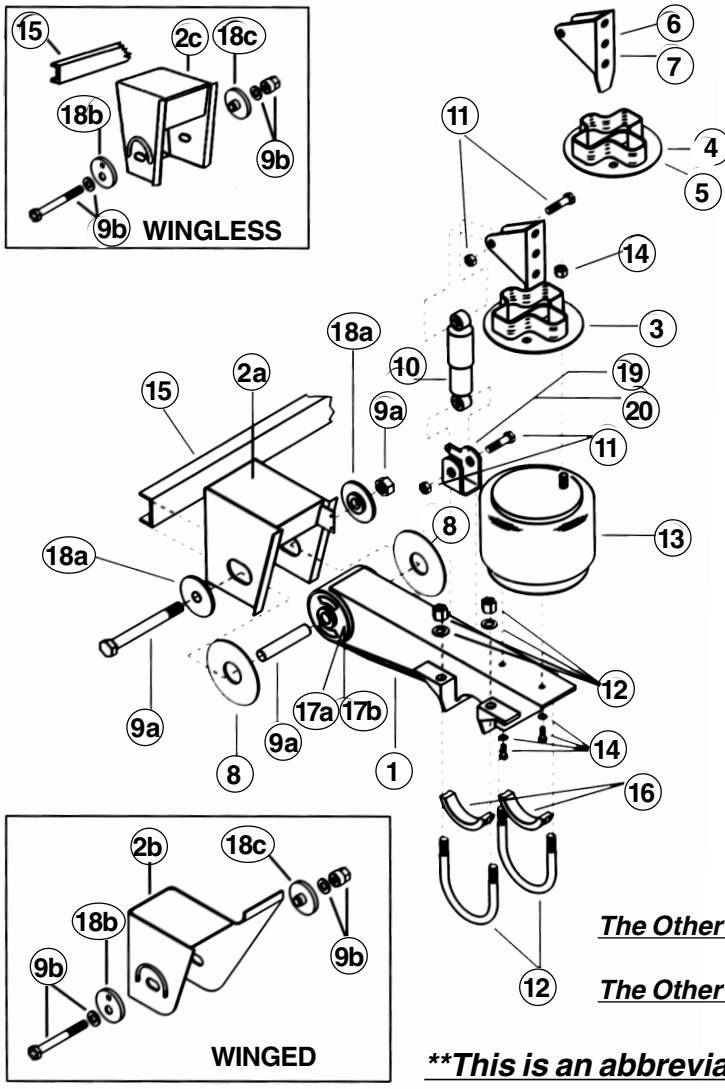
Rapid Dump Air Suspension Valve
Part No. 032195
Replaces Bendix TR-3, SV-1 AND Humphrey 250A N/O valves.
Pilot operated and designed specifically for rapidly lowering truck air suspension systems. Durable zinc die cast body. 4 1/8" FPT ports.
Mounts on either right or left frame rail using 1/4" mounting holes.

SLOAN LIFT AXLE CONTROL MODULE

The Sloan Lift Axle Control Module is supplied ready for installation. It is designed to control the raising and lowering of a lift axle by inflating and deflating the air bags. Control is done electronically, but a manual actuator is also available. The module incorporates a 4-way valve, regulator, DOT cartridge push-in fittings, automatic solenoid, and air gauge.
Part No. 1401138 (Axle normally down, w/gauge)
Part No. 1401140 (Axle normally up, w/gauge)

- Designed to reduce assembly time and errors current lift axle circutries present.
- Reduces use of parts by 50% compared to current lift axle circutries.
- Protected exhaust ports.
- DOT Cartridge push-in-fittings
- Temperature raitng of -40°F to 160°F
- SAE J1128 AND IP65 compliant
- Solenoid rated for 9-16 VDC

HENDRICKSON HT230 SUSPENSION



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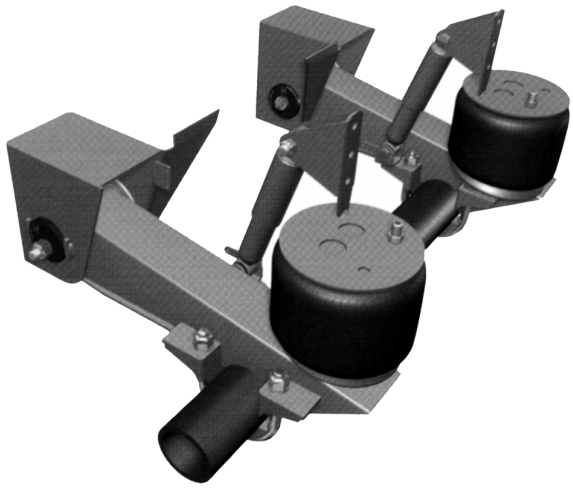

The Other Hendrickson Air Bags are on Page 174

The Other Hendrickson Shock Absorbers are on Page 178

This is an abbreviated chart, other applications may apply*

Item	Part No.	DESCRIPTION	QUANITY
1	S20000-1/S20000-2	Beam Assembly - Roadside -1, Curbside -2	1
2a	S20064-1/S20064-2	Frame Bracket-Wingless, Weld-on Roadside-1, Curbside-2	1
2b	S21179-1/S21179-2	Frame Bracket-Winged Quik Align®Roadside-1, Curbside-2	1
2c	S21590-1/S21590-2	Frame Bracket-Wingless Quik Align®Roadside-1, Curbside-2	1
3	many numbers	Air Spring/Shock Mount, Ride height application critical	1
4	S20016-1	Air Spring Spacer Assembly	2
5	S20037	Air Spring Plate	2
7	S20023 -	Upper Shock Bracket	2
8	S11613	Bushing Wear Pad	4
9	S3646/S24679	Pivot Bolt Kit, Welded / Quick Align	2
10	S20002	Shock Absorber	2
11	S20031/2	Shock Absorber Bolt Kit	2
12	S20032/4	U-Bolt Kit	2
13	S20010	Air Spring	2
14	S20033/2	Air Spring Bolt Kit	2
17	S6914/S24691	Tri-Functional Bushing Kit, Welded / Quick Align	2
18	S2770 or S20925/S20924	Alignment Collars, Welded 4 or Eccentric/Concentric Quik Align 2 each	
19	S20069	Lower Shock Clevis (included in #1 beam assembly)	2
20	S2723	Lower Shock Bracket	2

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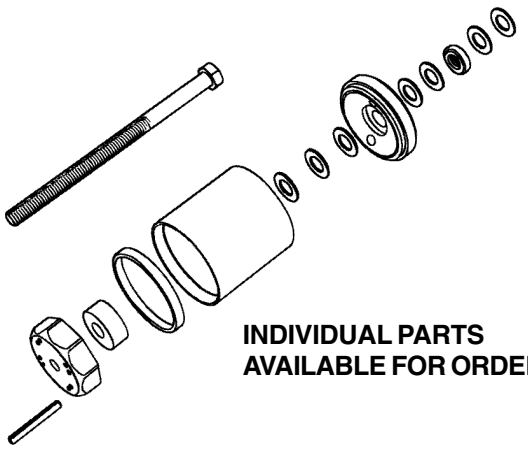


INDIVIDUAL PARTS AVAILABLE FOR ORDER

TRI FUNCTIONAL® BUSHING REPLACEMENT TOOL

HENDRICKSON

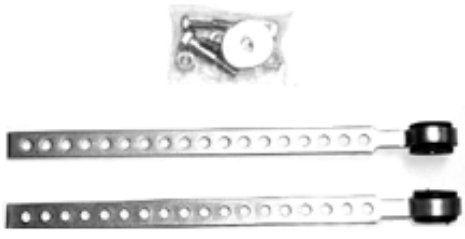
PART NO. S21307
Standard Bushing Is 6.75" Wide. A Seperate tool is available for the Vantrax HKA180 models (S24736)

Part No. VS227
Height Control Valves are adaptable to all tractor, truck and trailer air-ride suspensions regardless of manufacturer, model or year. Standard original equipment on all INTRAAX® and VANTRAAX® trailer air suspension systems and many truck and tractor suspensions. This Height Control Valve provides twice the airflow of comparable sized valves. Quicker “airup” improved response and faster exhaust delivers greater stability during loading and unloading. Fewer moving parts, large bearing surface areas and multiple seals make our valve more resistant to side loading and misalignment issues often experienced in the field.

HENDRICKSON

Part No. AKH43-3
Non-Delay Height Control Kit
For HT & HS Suspensions
Kit Includes:
- S24642 Height Control Valve
- S1128 Pressure Protection Valve
- Bolted Link Assembly
- Clamp Link Assembly
- Brass Elbows & Plugs

HENDRICKSON



Part No. A14187
Bolted Link Assembly

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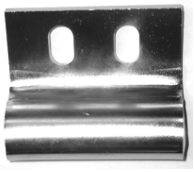
HENDRICKSON

Part No. S11613
Delrin Bushing Wear Pad
Standard on all Suspensions

Part No. S25593
Sure-Lok Air Spring Actuator Assembly

Part No. S14108
Cup Body Rail for Sliders
1-1/2" Hole Centers

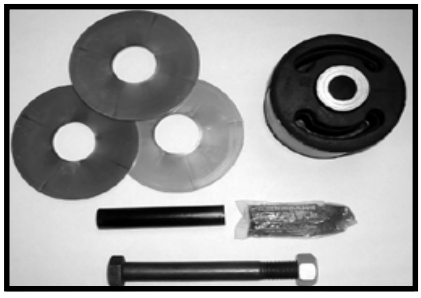


Part No. S2770
Alignment Collar

Part No. VS1968
Mini Filter/Regulator,
1/8" ports.

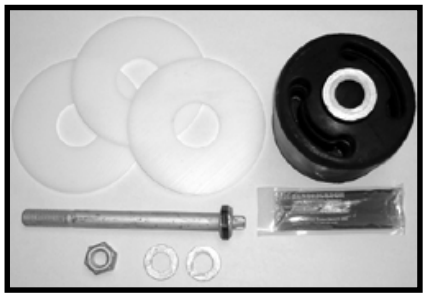
Part No. A2552
Turner Pilot 4-Way Valve
All Ports 1/4" N.P.T.F.; Except
Pilot Port Which is 1/8" N.P.T.F.

Part No. S23579/2
Sealed Dustshield Kit
Kit Contains:
- Dustshield Clamp
- Grommet
- Blind Grommet
- Split Grommet
- Clamp-On Dustshield



Welded Alignment Pivot Bushing Kit (Per Hanger)
PART NO. S6914

DESCRIPTION	QTY
Delrin Liner	1
1-7/8"-7 x 9-3/4" Cap Screw	1
1-1/8"-7 Hex Nut	1
Bushing Wear Pad	3
TRI-FUNCTIONAL® II BUSING	1
Lubricant Packet	1

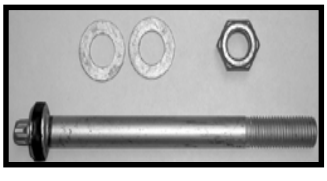


QUICK ALIGN® PIVOT BUSHING KIT(PER HANGER)
PART NO. S24691

DESCRIPTION	QTY
7/8" Hardened Flat Washer	2
7/8"-9 x 10" Shear Type Bolt	1
7/8"-9 UNC Prevailing Torque Heavy Hex Nut	1
Bushing Wear Pad	3
TRI-FUNCTIONAL® II BUSING	1
Lubricant Packet	1

QUICK ALIGN® PIVOT BOLT KIT(PER HANGER)
PART NO. S24679 (1 Kit Only! / 2 are Needed For One Full Suspension)
PART NO. S26231 (Good For One Full Suspension)

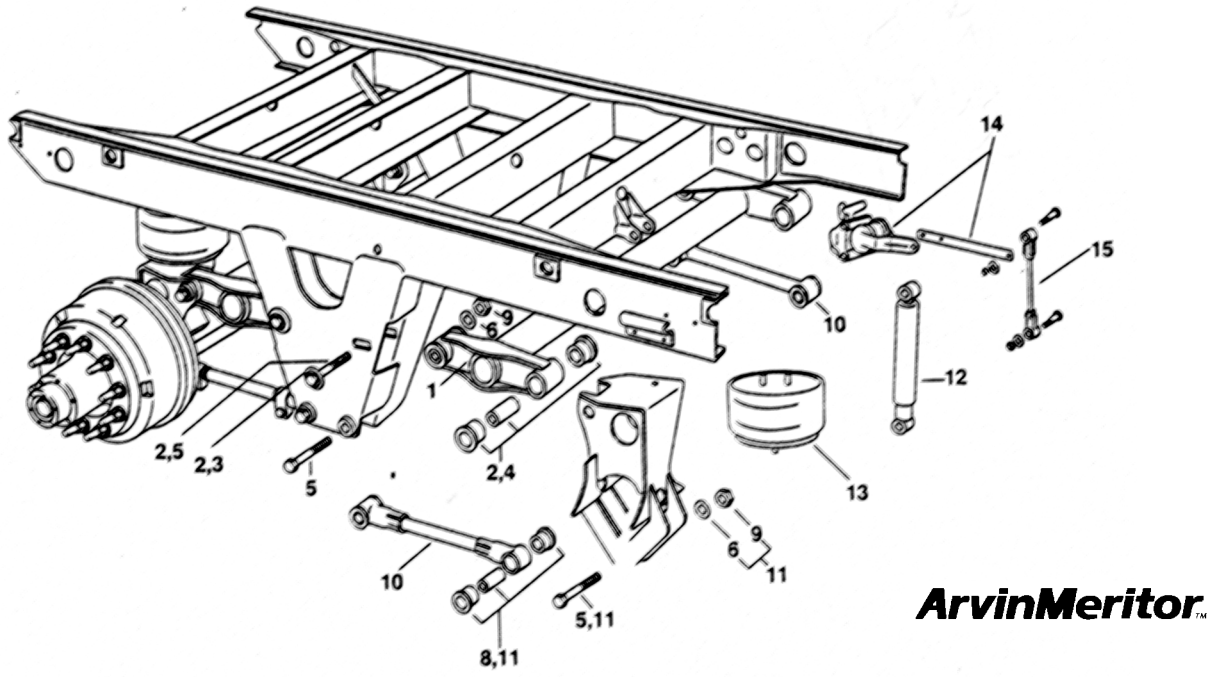
Commonly used with S20924 & S20925 Flange Washer Inner Quick Align & Center Quick Align.



QUICK ALIGN® PIVOT BUSHING KIT (PER HANGER) PART NO. S3646

DESCRIPTION	QTY
Delrin Liner	2
1-7/8"-9-3/4" Shear Type Bolt	1
1-7/8"-7 Hex Nut	1

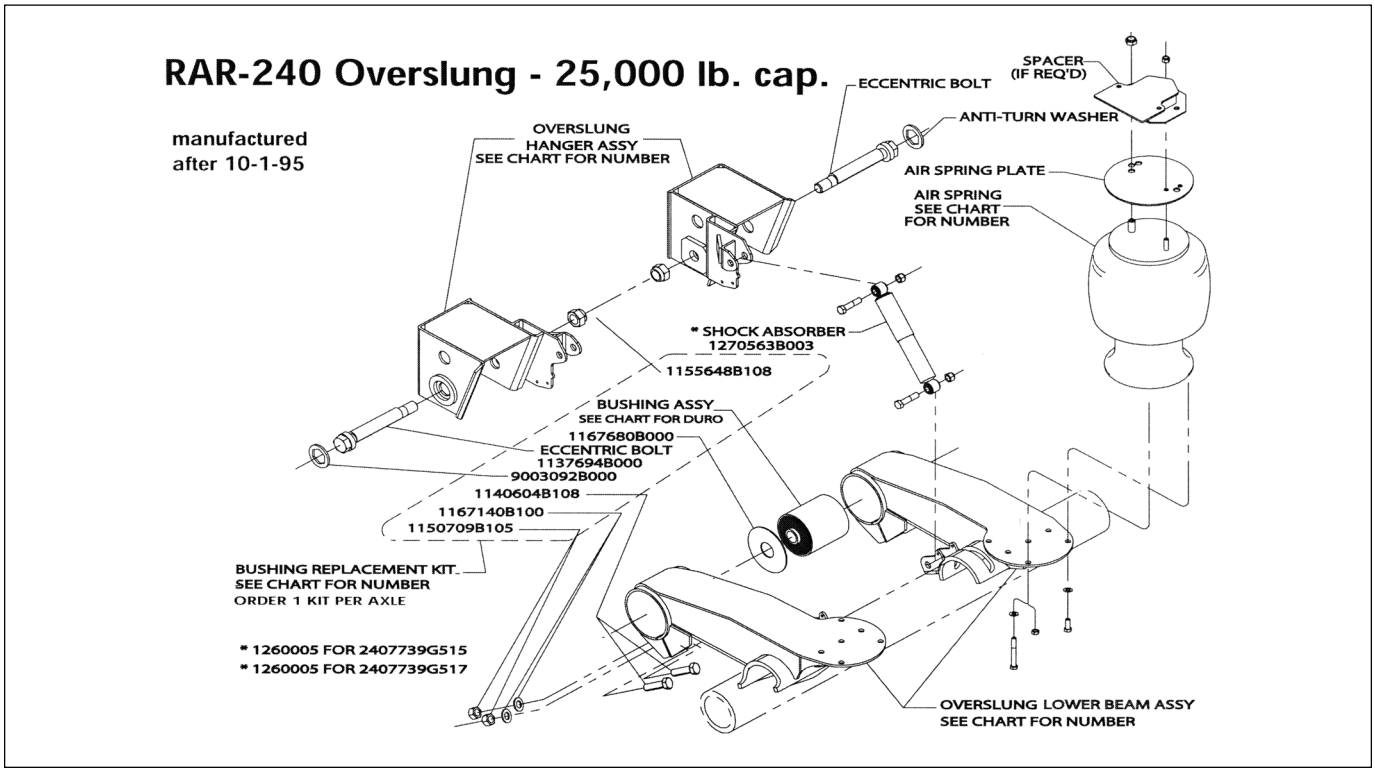
MERITOR RHP11



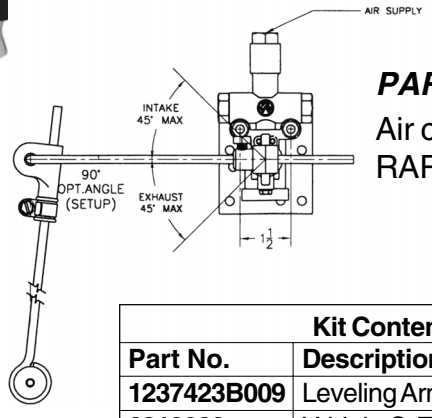
MERITOR RHP11

KEY NO	MERITOR NO.	OEM NO.	DESCRIPTION	QTY/TANDEM
1	R313500	203727	Upper Control Arm Assembly	2
2	KIT11100	204245	Pivot Bushing/Bolt Kit, Adj. INCL. 3-7	2
2	KIT11101	202804	Pivot Bushing/Bolt Kit Non-Adj. INCL. 4-7	2
3	R301532	202443	Alignment Washer	8
4	KIT11126	none	Pivot Bushing Assembly	-
5	R301500	202824-13	7/8"-9 x 6 x 1-1/2" Thd Length bolt	8
6	R301530	200259-6	Hardened Flat Washer	16
7	R301559	-	7/8"-9 Heavy Hex Nut	8
8	R302501	none	Torque Arm Bushing Kit	-
9	R301551	202462	7/8"-9 Shear Nut	8
10	R313501	203728	Torque Arm, Adjustable w/ bushings	2
10	R313502	203729	Torque Arm, Rigid w/ bushings	2
11	KIT11102	202821	Torque Arm Bushing Kit INCL. 5,6,8,9	8
12	MG202447	202447	Shock Absorber	4
13	M1R13130	202796	Air Spring Assembly	4
14	R309624	none	Hadley Height Control Valve-Intregal Dump	1
14	R3011293	none	Hadley Height Control Valve-Automatic Dump	1
15	R309625	none	Leveling Valve Link Assembly	1

RIDEWELL MODEL RAR-240 AIR-RIDE



RIDEWELL SUSPENSIONS



PART NO. 1207423C100

Air control kit for Ridewell RAR-240 Suspensions

NOTICE:

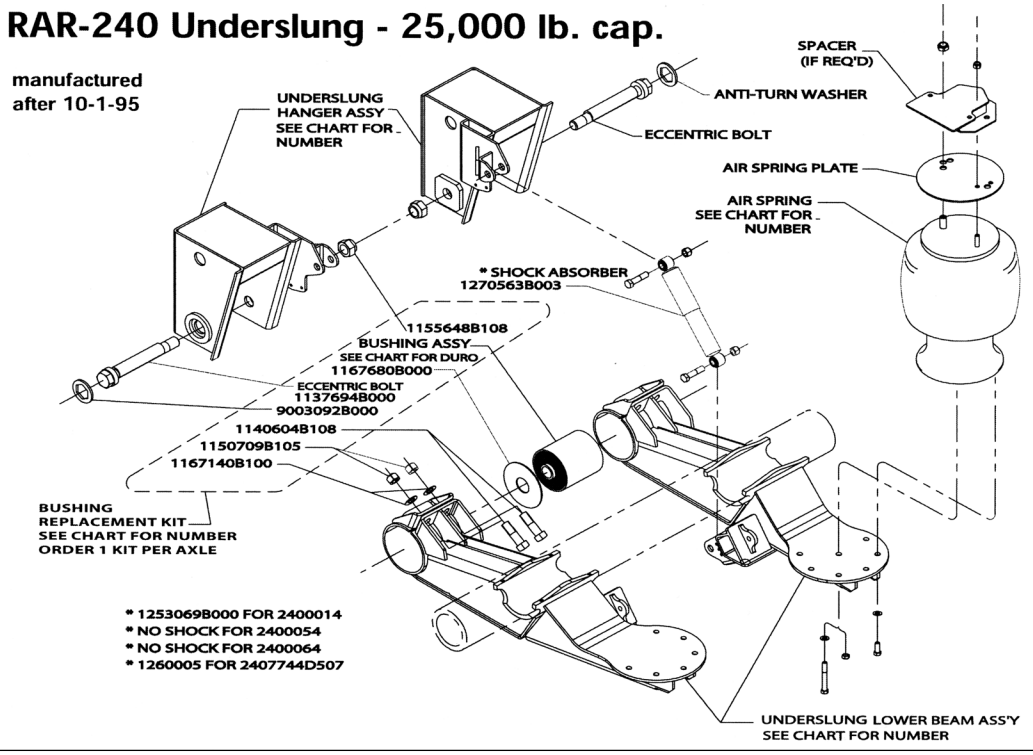
SUSPENSION IDENTIFICATION:
Ridewell Suspensions are identified by a metal tag that indicates part number, capacity and serial number. Consult your trailer manufacturer for your correct mounting height.

Kit Contents	
Part No.	**Description**
1237423B009	Leveling Arm
6210202	V-Link, S-Eye, 14.00
6211000	L-Con-Str, $5^{1/16}$" - 18 x 2.5
1237423B010	Universal Bracket
1240097	$2^{1/4}$" Anchor Pak

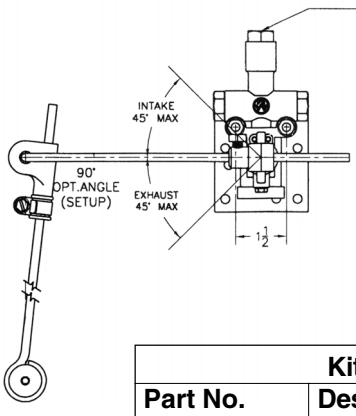
Suspension Part No.	Hanger Assy. LH/RH	Bushing/Beam Assy. LH/RH	Bushing Replacement Kit	Airspring Replacement
2400515	3267739C100/200	5970085/86	6040029 (Duro)	1001R13097G

RIDEWELL MODEL RAR-240 AIR-RIDE

RAR-240 Underslung - 25,000 lb. cap.



RIDEWELL SUSPENSIONS



PART NO. 1207423C100

Air control kit for Ridewell RAR-240 Suspensions

NOTICE:

SUSPENSION IDENTIFICATION: Ridewell Suspensions are identified by a metal tag that indicates part number, capacity and serial number. Consult your trailer manufacturer for your correct mounting height.

Kit Contents	
Part No.	**Description**
1237423B009	Leveling Arm
6210202	V-Link, S-Eye, 14.00
6211000	L-Con-Str, 5 1/16" - 18 x 2.5
1237423B010	Universal Bracket
1240097	2 1/4" Anchor Pak

Suspension Part No. (Ride HT)	Hanger Assy. LH/RH	Bushing/Beam Assy. LH/RH	Bushing Replacement Kit	Airspring Replacement
2400306 (6-7.5)	3267744C106/206	5970027/28	6040029 (60 Duro)	1000003
2400308 (8-9)	3267744C108/208	5970027/28	6040029 (60 Duro)	1000001
2404105 (5.5)	3267744C105/205	5977744B100/200	6040029 (60 Duro)	1003589334C

RIDEWELL MONO-LIFT 225

MONO-LIFT 225

RIDEWELL SUSPENSIONS

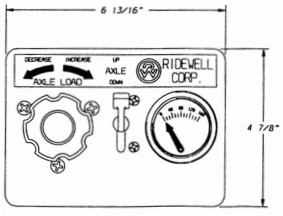
25,000 lb. capacity
Non-Steerable Auxillary Axle
Suspension - Weight - Savings of 100 lbs.

Suspension	Mtg. Height	Axle Travel		
		Up	Down	Total
2250002	9.0	4.50	4.75	9.25
	10.0	5.50	3.75	
	10.5	6.00	3.25	

FEATURES & BENEFITS

Designed for ease of installation & maintenance

New Speed Set™ Alignment Feature • Single Pivot Design • Fully Encapsulated Lift Spring • Full Range of Mounting Heights • High or Low Axle Seats • Drop Center or Straight Axle • Varied Selection of Wheel End Equipment



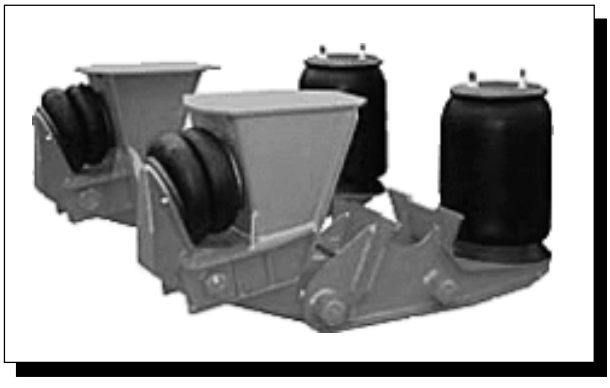
PART NO. 1217511C000

Air control kit with flip switch for Mono-Lift 225 Suspension 2250002.

RIDEWELL SUSPENSIONS

Kit Contents	
Part No.	**Description**
1350007	Valve, Quick Releas Deltrol
1237379B002	Air Pilot Valve
1230060	Valve, Press Prot. W/ Check
1230032	Mounting Bracket
1230047	Preset Press. Reg. Valve

RIDEWELL



RIDEWELL SUSPENSIONS

Heavy Duty Compact Air-Ride / Air Lift

Part No. 2350014 *(Ride Height 12-14.5)*

Part No. 2350015 *(Ride Height 15-17.5)*

Applications: Vans, Platforms, Lowboys, Tankers

Capacity: 22,000 lbs. std.; optional 25,000 and 30,000 lbs.

Advantages:
- Versatile axle seat and air spring combinations accommodate a full range of mounting heights
- Axle travel up to 10.5". Compact, lightweight design works well with low profile tires for maximum axle lift
- Exclusive triple pivot flexing torque beam for ride and roll stability
- Patented eccentric bolt for simple, manual axle alignment
- All pivots rubber-bushed for low maintenance

RIDWELL RIDELITE® SUPENSIONS

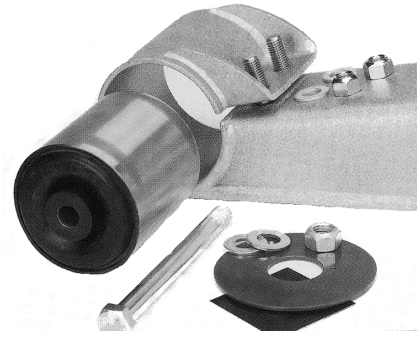
For Platform, Tank, Dump, Grain and Specialized Trailers

'Very Weight Competitive & Easily Serviced"... ***the industry's lightest 25,000 lb. cap. trailer suspension is designed for fleets desiring a non-captured axle***

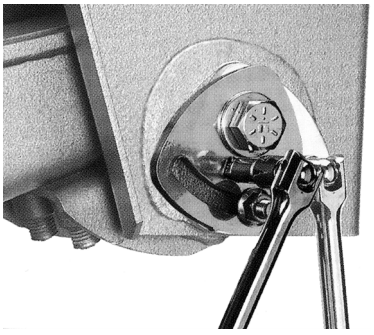
- Allows for axle replacement while the suspension is preserved and reattached to new axle
- Fits virtually all air-ride designed frame configurations without relocation of cross members
- Proven clamped-in monopivot bushing is easily replaced with simple hand tools
- New Speed Set™ alignment feature allows simple, manual 1" adjustment at the hanger
- Pivot bolt torque only 450 ft. lbs.
- Disc-brake compatible
- Weld-on and bolt-on mountings (bolt-on shown)

RIDEWELL SUSPENSIONS

RIDE-LITE®



Part No	Description
2000114	14"-15" Ride Height
2000116	16-17" Ride Height



The Industry's Easiest Bushing Replacement

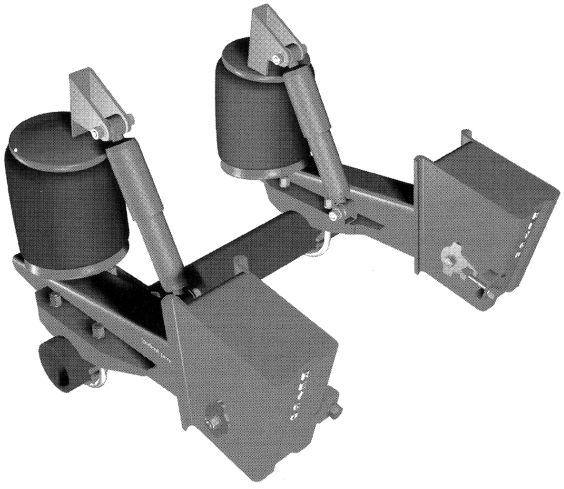
Only simple hand tools are required to replace the Ridelite's® clamp-in monopivot bushing. No hydraulic presses are needed. Original Huckbolts® are replaced with grade 8, 3/4" bolts.

Ridewell's bushing replacement kit includes everything you need for convenient, manual replacement.

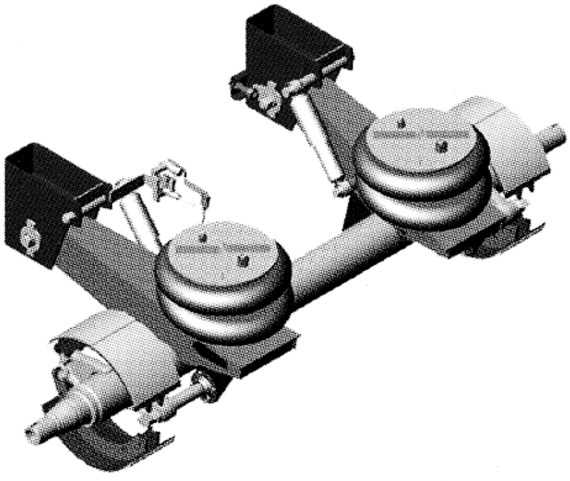
Simple Alignment

Alignment is easier than ever with Ridewell's new Speed Set™ feature which permits 1" manual adjustment at the hanger with a pivot bolt torque requirement of only 450 ft. lbs.

REYCO AIR RIDE SUSPENSIONS



25AR SUSPENSION



22AR SUSPENSION

Reyco Granning Air Ride Suspensions

- Long life and durability represent a significant payback to the user through reduced maintenance.
- Lighter weight means higher payloads which means higher returns on your investments.
- Usage of industry standard components and axles is just common sense to industry professionals who desire quick and easily maintained equipment.
- Optimum stability has been engineered into this system through the use of air springs featuring a wider footprint and superior pivot bushings.
- Enhanced brake performance is achieved through the use of short cam shafts as standard features. Extend life brake linings offer bottom line value.
- Standard features include various hanger styles and multiple alignment capability from Rey-Align™ a true one person alignment system.
- Larger bushings ensure maximum life and top performance at the pivot connection.

Gen-Tech
new generation - innovative technology

Reyco Granning
SUSPENSIONS

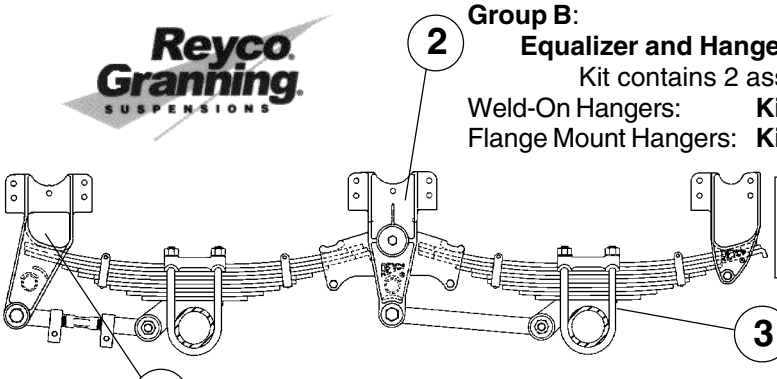
10 YEAR LIMITED WARRANTY!

REYCO 21B TRAILER SUSPENSION

Item No.	Part Number	Description	Qty. Req'd	
1	**21725-01**	Equalizer, 49" Axle Centers	2	
2	**T1705**	Spring Roller Lockwasher	6	
3	**T1704**	Spring Roller Nut	6	
4	**T2106**	Spring Roller	6	
5	**T5544**	Spring Roller Bolt	6	
6	**1424801**	Equalizer Shaft Cap Screw	4	
7	**1425001**	Equalizer Shaft Lock Washer	4	
8	**1424901**	Compression Washer	4	
9	**T5524**	Equalizer Bushing	4	
10	**1424701**	Equalizer Shaft	2	
11	**T5492**	Torque Arm Bolt	8	
12	**T2224**	Torque Arm Compression Washer	8	
13	**NL3018**	Torque Arm Bushing	16	
14	**T5426**	Equalizer Hanger, Flange Mount	2	
15	**T5429**	Rear Hanger, Flange Mount, LH	1	
	T5428	Rear Hanger, Flange Mount, RH	1	
16	**T5565 (20476-01)**	Rear Hanger, Under Mount, LH	1	
	T5566 (20476-01)	Rear Hanger, Under Mount, RH	1	
17	**T5564**	Equalizer Hanger, Under Mount	2	
18	**T5562**	Front Hanger, Under Mount, RH	1	
	T5563	Front Hanger, Under Mount, LH	1	
19	**T5424**	Front Hanger, Flange Mount, RH	1	
	T5425	Front Hanger, Flange Mount, LH	1	
20	**T7175**	Top Plate, Conventional, U-Bolts Up, 5" Round Axle, 7/8" U-Bolts, 3" Wide Spring	4	
21	**0973001**	Axle Seat, 3/4" High	4	
	1133601	Axle Seat, 1 3/4" High	4	
22	**1517801**	Radius Rod, Fixed, 49" A/C Standard, Front	1	
23	**1517901**	Radius Rod, Fixed, Standard, Rear	1	
24	**1517201**	Radius Rod, Adjustable, 49" A/C Standard, Front	1	
25	**1517301**	Radius Rod, Adjustable, Standard, Rear	1	
26	**See U-Bolt Pages**	U-Bolt, Standard 7/8" Diameter	8	
27	**35-00**	Washer, 7/8", U-Bolt	16	
28	**0935201**	Nut, 7/8", U-Bolt	16	

Complete Reyco 21B Suspensions

To order a complete Reyco 21B Model trailer suspension, choose one kit from each of the following Kits:



Group B:
Equalizer and Hanger Assemblies
Kit contains 2 assemblies.
Weld-On Hangers: **Kit No. TK24656**
Flange Mount Hangers: **Kit No. TK15237**

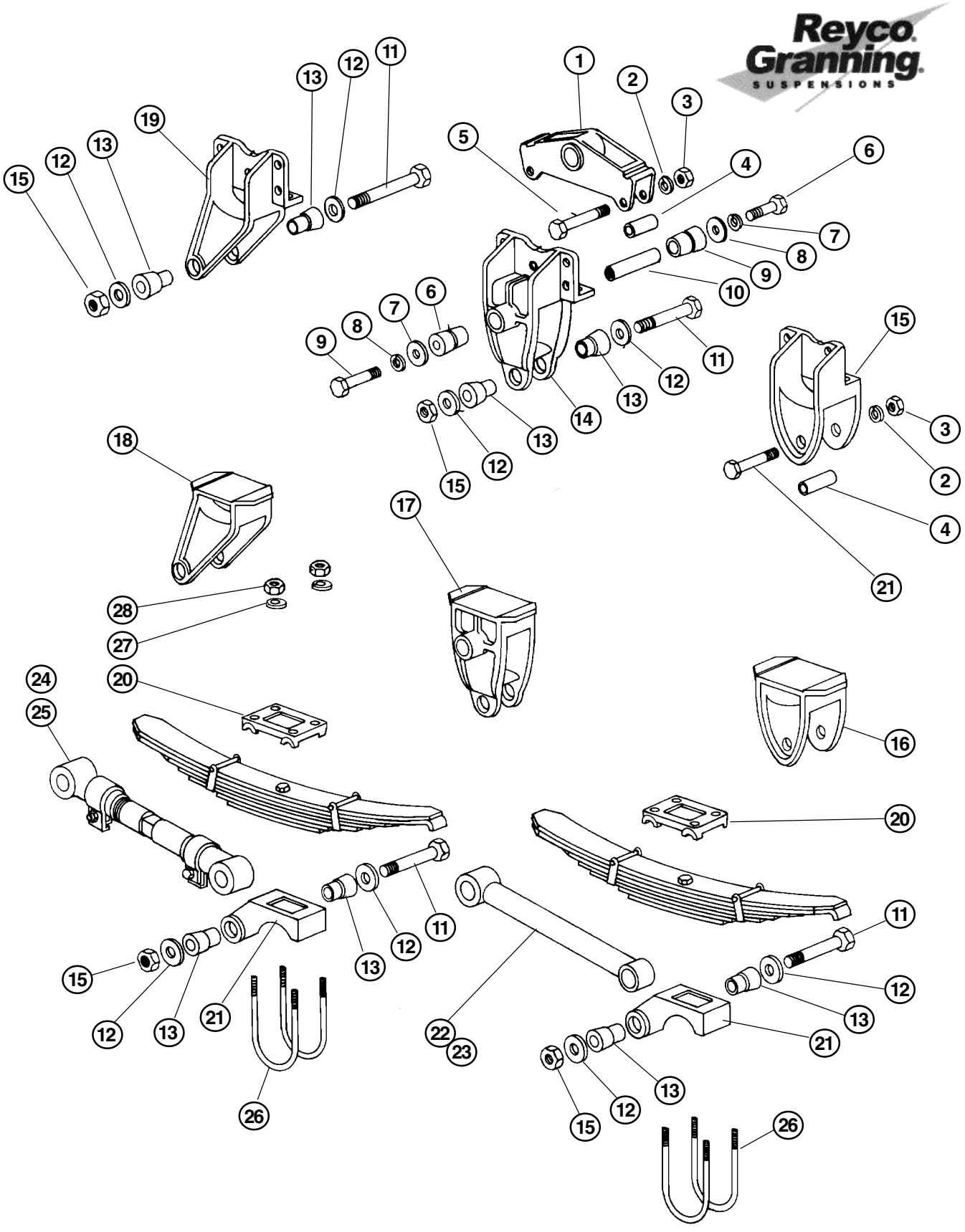
Note:
Conventional U-bolts: Round Down
Inverted U-bolts: Round Up

Group A:
Hanger Kits : Front and Rear Hangers
Weld-On Hangers: **Kit No. TK23711**
Flange Mount Hangers: **Kit No. TK11224**

Group C: **Seat and Axle Attachement Kit.**
For 14" Ride height, with conventional U-bolts for TRA2256 7 leaf springs. **Kit No. TK7146**
For 14.5" Ride Height, inverted U-bolts for 0837601 3 leaf springs. **Kit No. TK8872**
For 15" Ride Height, inverted U-bolts for TRA2256 7 leaf springs. **Kit No. TK9002**

Group D:
Hardware Kit
for 49" tandems
Kit No. TK11096
for 44" AC triaxle
Kit No. TK10173
for 44" AC tandem
Kit No. TK10547

REYCO 21B TRAILER SUSPENSION



REYCO TRANSPRO MODEL 86 & 88 TRAILER SUSPENSION

Item No.	Part Number	Description	Qty. Req'd	Model	Axle Centers
1	**0049-00**	Front Hanger, Under Mount	2	86	
	0084-00	Front Hanger, Under Mount	2	88	
2	**0001-08**	Torque Arm Bolt	8	86, 88	
3	**0065-00**	Center Hanger, Under Mount	2	86	
	0088-00	Center Hanger, Under Mount	2	88	
4	**0001-14**	Equalizer Bolt	2	86, 88	
5	**14345-01**	Torque Arm Nut	8	86, 88	
6	**10562-00**	Equalizer Nut	2	86, 88	
7	**0650-00**	Equalizer	2	86, 88	49"
8	**0649-02**	Equalizer Bushing	2	86, 88	
9	**0001-04**	Spring Roller Bolt	6	86, 88	
10	**0741-01**	Spring Roller	6	86, 88	
11	**0053-00**	Rear Hanger, Under Mount	2	86	
	0086-00	Rear Hanger, Under Mount	2	88	
12	**0001-02**	Spring Roller Bolt, Rear Hanger	2	86, 88	
13	**0002-07**	Spring Roller Nut	6	86, 88	
14	**See U-Bolt Pages**	U-Bolts, 7/8" Diameter	8	86, 88	
15	**16868-01**	Top Plate, Fabricated	4	86, 88	
16	**0375-00**	Delrin Spring Liner	4	86, 88	
17	**0636-01**	Spring Seat, for 5" Round Axle, 1" High	4	86, 88	
	0636-015	Spring Seat, for 5" Round Axle, 1 1/2" High	4	86, 88	
	0636-02	Spring Seat, for 5" Round Axle, 2" High	4	86, 88	
	0636-025	Spring Seat, for 5" Round Axle, 2 1/2" High	4	86, 88	
	0636-0275	Spring Seat, for 5" Round Axle, 2 3/4" High	4	86, 88	
	0636-03	Spring Seat, for 5" Round Axle, 3" High	4	86, 88	
	0636-035	Spring Seat, for 5" Round Axle, 3 1/2" High	4	86, 88	
	0636-04	Spring Seat, for 5" Round Axle, 4" High	4	86, 88	
18	**0880-00**	Bottom Plate, 5" Round Axle	4	86, 88	
	0538-00	Bottom Plate, 5" Round Axle, Heavy Duty	4	86, 88	
19	**14345-01**	Flange Lock Nut, Radius Rod	8	86, 88	
	39D14	Hi-Nut, 7/8"-14, U-Bolt (optional)	16	86, 88	
20	**0022-00**	Torque Arm Bushing	8	86, 88	
21	**0075-20**	Rigid Torque Arm, 19 7/8" C/C, 49" A/C, Front & Rear	2	86	49", 54"
			2	88	49", 54", 60", 72", 109" 121"
22	**1035-20**	Adj. Torque Arm,19 7/8" C/C, 49" A/C, Front & Rear	2	86	49", 54"
			2	88	49", 54" 49", 54", 60" 72", 109" 121
23	**0045-00**	Hanger Wear Pad	4		

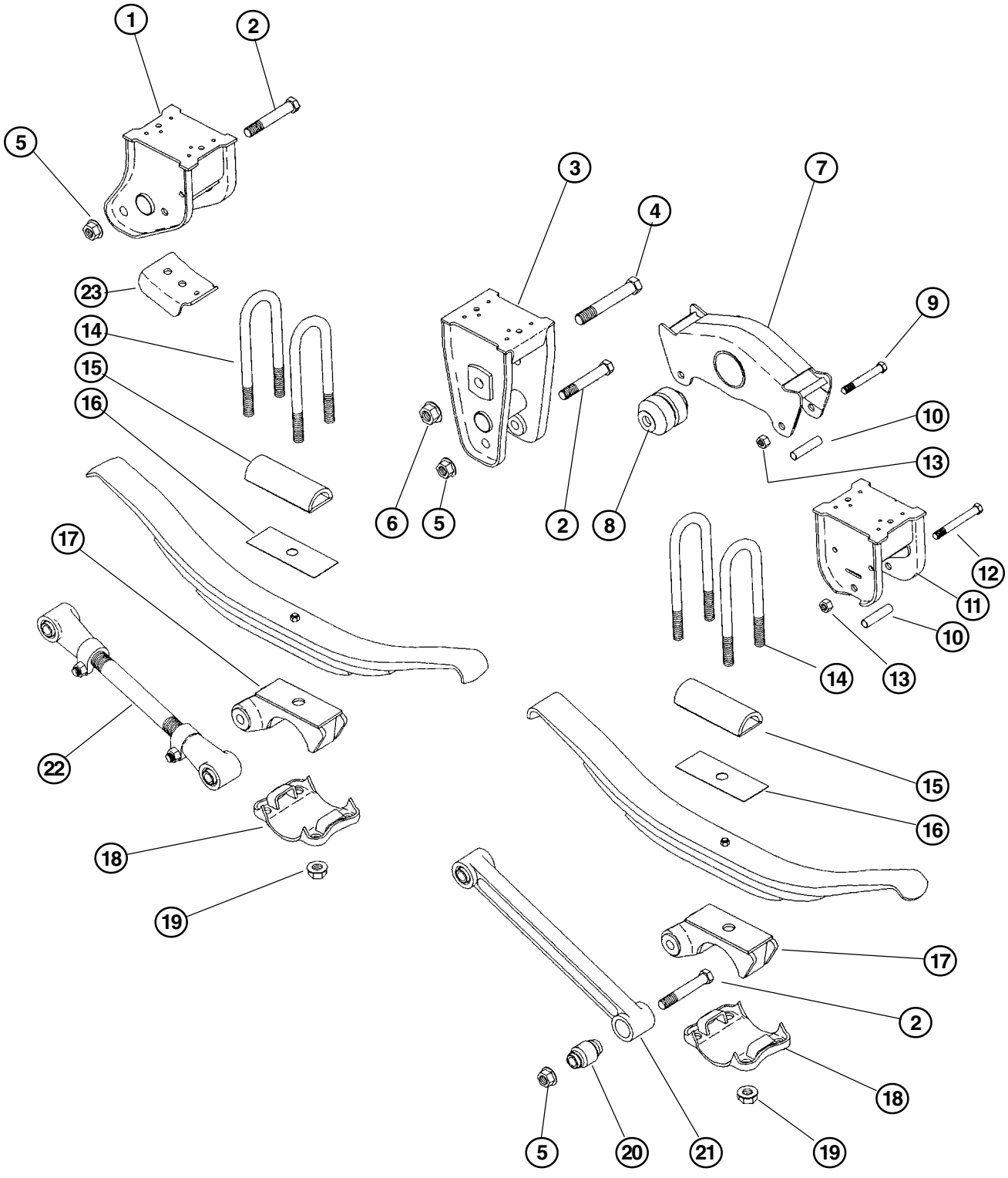
* 86 Series Listed Only as Reference

Reyco 88 Series Hanger and Seat Kits

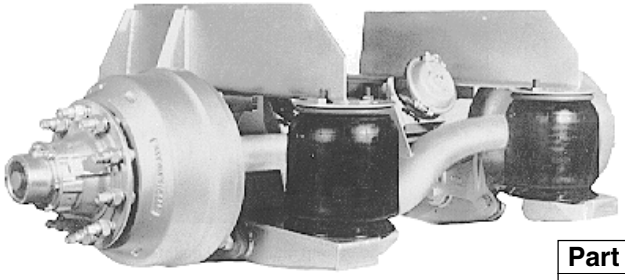
Part Number	Hanger Kit Description
88-FM-N-2	Hanger Kit Flange Mount Tandem for Tankers
88-UM-N-1	Hanger Kit Under Mount Single
88-UM-N-2	Hanger Kit Under Mount Tandem
88-UM-N-M	Hanger Kit Multi Axle Conversion

Part Number	Axle Seat Kit Description
1-5R-1-I-30	Overslung Single
1-5R-1-U-30	Underslung Single
1-5R-25-I-30	2.5" Seat, Single or Multi-Axle Conversion
1-5R-3-I-30	3" Seat Single Axle or Multi-Axle Conversion
2-5R-1-I-30	Overslung Tandem
2-5R-1-U-30	Underslung Tandem
2-5R-25-I-30	2.5" Seat, Tandem
2-5R-3-I-30	3" Seat Tandem Axle
2-5R-35-I-30	3.5" Seat Tandem Axle

REYCO TRANSPRO MODEL 86 & 88 TRAILER SUSPENSION



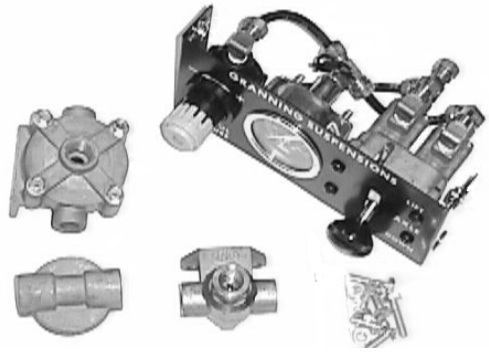
GRANNING SUSPENSIONS AND PARTS



GRANNING
L225 Auxiliary Air Suspension
Air Up - Air Down
22,500 Pound Axle Weight Rating
For Tag or Pusher Axles

For heavy duty trucks, trailers and other on and off-highway vehicles. Can be used on straight trucks, construction vehicles and block haulers.
33 1/2" Minimum frame width
34 3/4 Maximum frame width
(Wider if using 77.5" track axles.)

Part No.	Applicat'n	Description
L225	Truck	Knockdown Kit, Suspension Only, Less Axle.
LT225	Trailer	Knockdown Kit, Suspension Only, Less Axle.



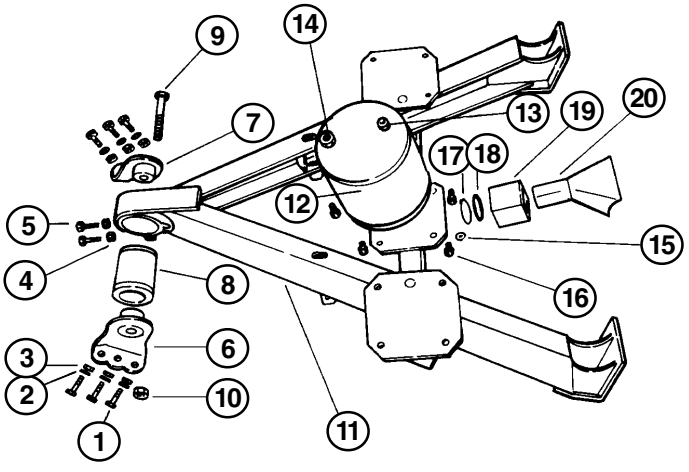
In Cab Air Control Kit Part No. T9209

Qty.	Desc.	Part No.
1	Control Panel, Assembled	**2909**
1	Pressure Feed Valve	**1032**
1	Quick Release Valve	**1079**
1	Exhaust Valve	**2093**
	Mounting hardware	

T-200AX Drawbar Parts List				
Item	T200AX-12	T-200AX-16	Description	Qty
1	**223811**	**223811**	Bolt, 5/8"-18X2 Gr8	6
2	**9422850**	**9422850**	Washer, 5/8", Hardened	6
3	**9422306**	**9422306**	Lock Nut, 5/8"-18, Gr8	6
4	**9422302**	**9422302**	Lock Nut, 1/2"-20, Gr8	2
5	**427569**	**427569**	Bolt, 1/2"-20X1 3/4", Gr8	2
6	**1029**	**703040-01**	Anchor, pulling point, LH	1
7	**1005**	**703040-02**	Anchor, pulling point, RH	1
8	**E-1340**	**1003**	Bushing, Pulling Point	1
9	**9418372**	**9418372**	Bolt, 3/4"-16X7 Gr8	1
10	**9422308**	**9422308**	Lock Nut, 3/4"-16, Gr8	1
11	**2056**	**1388**	Ass'y, drawbar	1
12		**1359**	Ass'y, air spring	1
13		**213514**	Nut, 1/2"-13, Gr5	1
14		**219758**	Jam nut, 3/4"-16, Gr5	1
15		**120384**	Spring Lock washer, 1/2"	4
16		**180175**	Bolt, 1/2"-13X1 1/4" Gr5	4
17	**1426**	**1426**	Snap ring	1
18	**1010**	**1010**	Spacer, Travel Block	1
19	**1219**	**1219**	Travel Block	1
20	**1118T**	**1118T**	Rear Spindle	1

T-200AX Parts List

200AX series suspensions are common on transit mixers and block haulers



Note: Same parts listed may not be stock items.

6

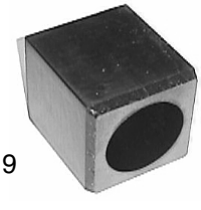
1029

7

1005

8

1003

19

1219

REYCO SUSPENSION PARTS

Front Hanger Under Mount	
Part No.	**Application**
T5562 (RH)	21B Suspension
T5563 (LH)	Cast, LH Shown

Front Hanger Flange Mount	
Part No.	**Application**
T5424 (RH)	21B Suspension
T5425 (LH)	Cast, RH Shown

Equalizer Hanger	
Under Mount	
Part No.	**Application**
T5564	Reyco 21B (Cast)

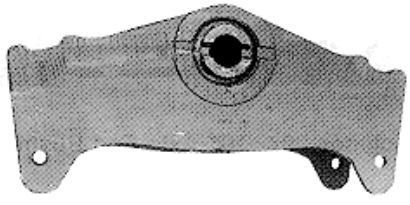
Equalizer Hanger	
Flange Mount	
Part No.	**Application**
T5426	Reyco 21B (Cast)

Rear Hanger Under Mount	
Part No.	**Application**
20476-01 *replaces* **T5565 & T5566**	21B Undermount Cast (LH/RH)

Rear Hanger Under Mount	
Part No.	**Application**
T5428 (RH)	21B Undermount
T5429 (LH)	Cast, LH Shown

Equalizer	
Part No.	**Application**
21725-01	Reyco 21B (Cast)
For 49" Axle Centers	
25222-01	Reyco 21B (Cast)
For 42"- 44" Axle Spacing	

Equalizer	
Part No.	**Application**
0650-00	Transpro 86, 88
For 49" Axle Centers	
Part No.	**Application**
0850-00	Cast Model 88



Equalizer	
Part No.	**Application**
0912001	101, 101A
For 49" Axle Centers (Prior 1984)	

With O83 6301 slotted bushing

REYCO SUSPENSION PARTS

Bushings **Not** Included

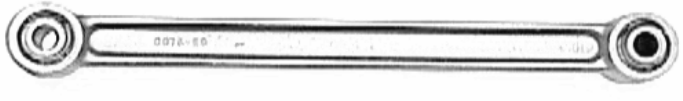
Adjustable Torque Arm Assemblies 1" Bolt, 2 Piece Bushing			
Part No.	**C/C**	**Bushing Kit**	**Applications**
1517201	15 1/2" to 17 1/2"	NL3017	Dana M109101 42-44" Axle Centers
1517301	17 1/2" to 19 1/2"	NL3017	49" Axle Centers
1517401	19 1/2" to 21 3/4"	NL3017	50" Axle Centers

Bushings Included!!

Adjustable Torque Arm Assemblies 7/8" Bolt, 1 Piece Bushing			
Part No.	**C/C**	**Bushing Kit**	**Applications**
1634701	14 3/4" to 18"	NL3013	Susp models 45, 102, Dana M109201 Dayton 39-090029
1035-20	19 7/8"	NL3013	Reyco Transpro 86, 88, Dana M109202

Bushings **Not** Included

Non-Adjustable Torque Arm Assemblies 1" Bolt, 2 Piece Bushing			
Part No.	**C/C**	**Bushing Kit**	**Applications**
1517801	16 1/4"	NL3017	21B Suspension
1517901	18 7/8"	NL3017	21B Suspension



Bushings Included

Non-Adjustable Torque Arm Assemblies 7/8" Bolt, One Piece Bushing			
Part No.	**C/C**	**Bushing Kit**	**Applications**
0075-20	19 15/16"	NL3013	Transpro 86, 88

REYCO SUSPENSION PARTS

Equalizer Rebushing Kit 21B Tandem Suspension		
Part No. TK12506 Kit for 2 Equalizers **(*shown)**		
Part No. TK18998 Kit for 1 Equalizer		
Qty.	**Part No.**	**Description**
*2	1424701	Equalizer Shaft
*4	T5524	Equalizer Bushing
*4	1424901	Compression Washer
*4	1425001	Lock Washer, Equalizer Shaft
*4	1424801	Cap Screw, Equalizer Shaft

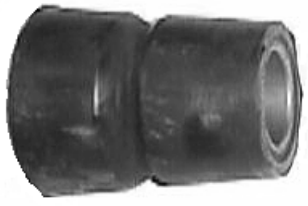
Torque Arm Bushing Kit			
Part No.	**Application**		
TK18997	**Reyco 21B Tandem Suspension**		
Includes:	1	T5492	Torque Arm Bolt
	2	T5493	Torque Arm Bushing
	2	T2224	Compression Washer
	2	T5495	Lock Nut
Services one rod end			

Equalizer Shaft, Reyco 21B Suspension	
O.D.	**Length**
$1\frac{5}{8}$"	$8\frac{11}{16}$"
Part No. 1424701	
1"-8 bolt holes in each end.	

Torque Arm Bolt Reyco 21B Suspension
1"-14 X 7" Long
Part No. T5492

Equalizer Bushing Reyco 21B Suspension		
O.D.	**I.D.**	**Length**
$3\frac{1}{2}$"	$1\frac{5}{8}$"	$4\frac{3}{8}$"
Part No. T5524		
2 required per equalizer		

Compression Washer, Reyco 21B Suspension		
O.D.	**I.D.**	**Thick**
$3\frac{1}{4}$"	1"	$\frac{5}{16}$"
Part No. 1424901		
2 required per equalizer		



Torque Arm Bushing Reyco 21B Suspension		
O.D.	**I.D.**	**Length**
$2\frac{5}{16}$"	$1\frac{13}{16}$"	$2\frac{15}{16}$"
Part No. NL3018 (T5493)		

Cap Screw For Equalizer Shaft
Reyco 21B Suspension
1"-8 X $2\frac{1}{2}$"
Part No. 1424801
2 required per equalizer

Lock Washer For Equalizer Shaft
Reyco 21B Suspension
1" I. D. X $\frac{5}{16}$" Thick
Part No. 1425001
12 required per equalizer

Compression Washer, Reyco 21B Suspension		
O.D.	**I.D.**	**Thick**
$2\frac{3}{4}$"	$1\frac{1}{16}$"	$\frac{3}{16}$"
Part No. T2224		

Torque Arm Lock Nut Reyco 21B Suspension
1"-14
Part No. T5495

REYCO SUSPENSION PARTS

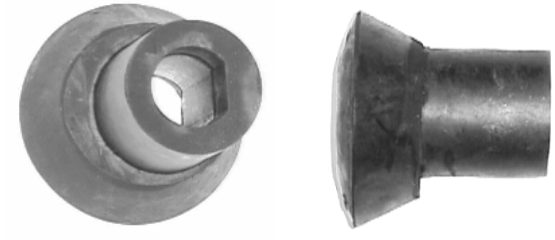
Torque Arm Bushing Kit			
Part No.	**Application**		
NL3007	**Reyco 101, 101A**		
Includes:	1	1721001	Torque Arm Bolt
	2	NL3008	Torque Arm Bushing
	2	NL3093	Compression Washer
	2	T5495	Lock Nut
Services one rod end			

Torque Arm Bushing Kit			
Part No.	**Application**		
NL3051	**Reyco 102 Axle Seat End**		
Includes:	1	NL3063	Torque Arm Bolt
	2	NL3060	Torque Arm Bushing
	2	T2224	Compression Washer
	2	T5495	Lock Nut
Services one rod end			

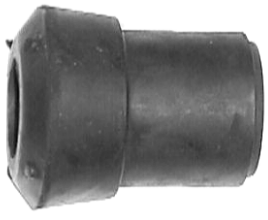
Flat on one side

Torque Arm Bolt Reyco 21B Suspension
1"-14 X $7^{3}/_{16}$"
Part No. E-1965
Reyco 1721001

Torque Arm Bolt
1"-14 X $6^{3}/_{4}$"
Part No. NL3063
Reyco 1716101, T2243



Eccentric Rubber Bushing Reyco Model 101 Torque Leaf, 101A Hanger End		
O.D.	**I.D.**	**Length**
$3^{1}/_{16}$"	1"	$2^{7}/_{8}$"
Part No. NL3008		
Reyco T1723		



Torque Arm Rubber Bushing Reyco Model 102 Axle Seat End		
O.D.	**I.D.**	**Length**
$2^{3}/_{8}$"	1"	$2^{11}/_{16}$"
Part No. NL3060		
Reyco T2242		

Compression Washer, Reyco 21B Suspension		
O.D.	**I.D.**	**Thick**
$3^{11}/_{16}$"	$1^{1}/_{16}$"	$^{3}/_{16}$"
Part No. NL3093		
Reyco T1724		

Torque Arm Lock Nut Reyco 21B Suspension
1"-14
Part No. NL3112
Reyco T5495

Compression Washer, Reyco 21B Suspension		
O.D.	**I.D.**	**Thick**
$2^{3}/_{4}$"	$1^{1}/_{16}$"	$^{3}/_{16}$"
Part No. NL3088		
Reyco T2224		

Torque Arm Lock Nut Reyco 21B Suspension
1"-14
Part No. T5495

REYCO SUSPENSION PARTS

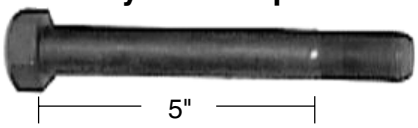
Torque Arm Bushing Kit			
Part No.	**Application**		
NL3013	**Reyco 101A Axle Seat End**		
Includes:	1	NL3014	Torque Arm Bolt
	2	NL3015	Torque Arm Bushing
	2	NL3016	Lock Nut
Services one rod end			

Torque Arm Bolt Reyco 21B Suspension
7/8"-9 X 5 1/2"
Part No. NL3014
Reyco 10033-01

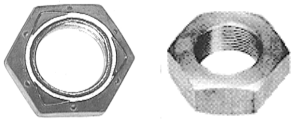
Rubber Bushing Reyco Model 101A Axle Seat End		
O.D.	**I.D.**	**Length**
1 7/8"	7/8"	3"
Part No. NL3015		
Reyco T2242		

Torque Arm Lock Nut Reyco 21B Suspension
7/8"-9
Part No. NL3016

Reyco Transpro

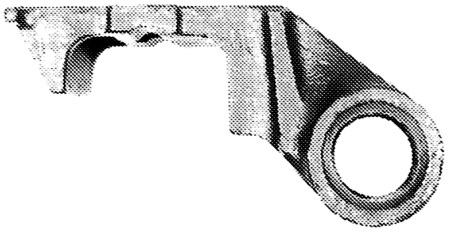


Equalizer Bolt, Reyco Transpro Suspension	
Size	**Length**
1"-14	6 1/4"
Part No. 0001-14	



Equalizer Nut, Reyco Transpro Suspension
Size 1"-14
Part No. 0274-01
Nut, Equalizer Shaft, Reyco Suspension
101, 101A, 102,
Part No. 0868701

Standard Equalizer Shaft, Reyco Suspension
101, 101A, 102
Part No. 0868601

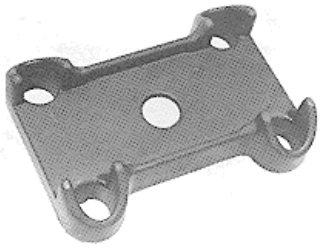


Axle Seat
21B Reyco Granning
4" X 6" Axle, Suspension, 3/4" High
Part No. 0798001

Wear Plate
Reyco
Part No. 15630-01

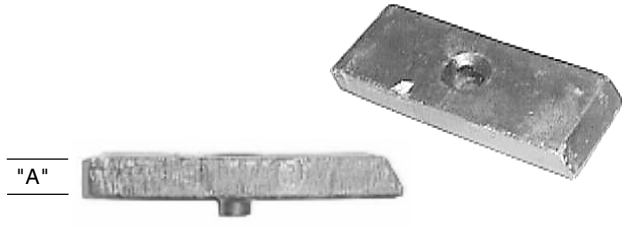
REYCO SUSPENSION PARTS

Spring Seat for 5" Round Axle Reyco 21B Suspension
A = 3/4"
Part No. 0973001



Top Plate, Conventional "U-Bolts Up", Cast Reyco 21B Suspension
For "Conventional" U-bolts
Part No. T7175

Top Plate, Inverted "U-Bolts Down", Cast Reyco 21B Suspension
For "inverted" U-bolts
Part No. 0867701



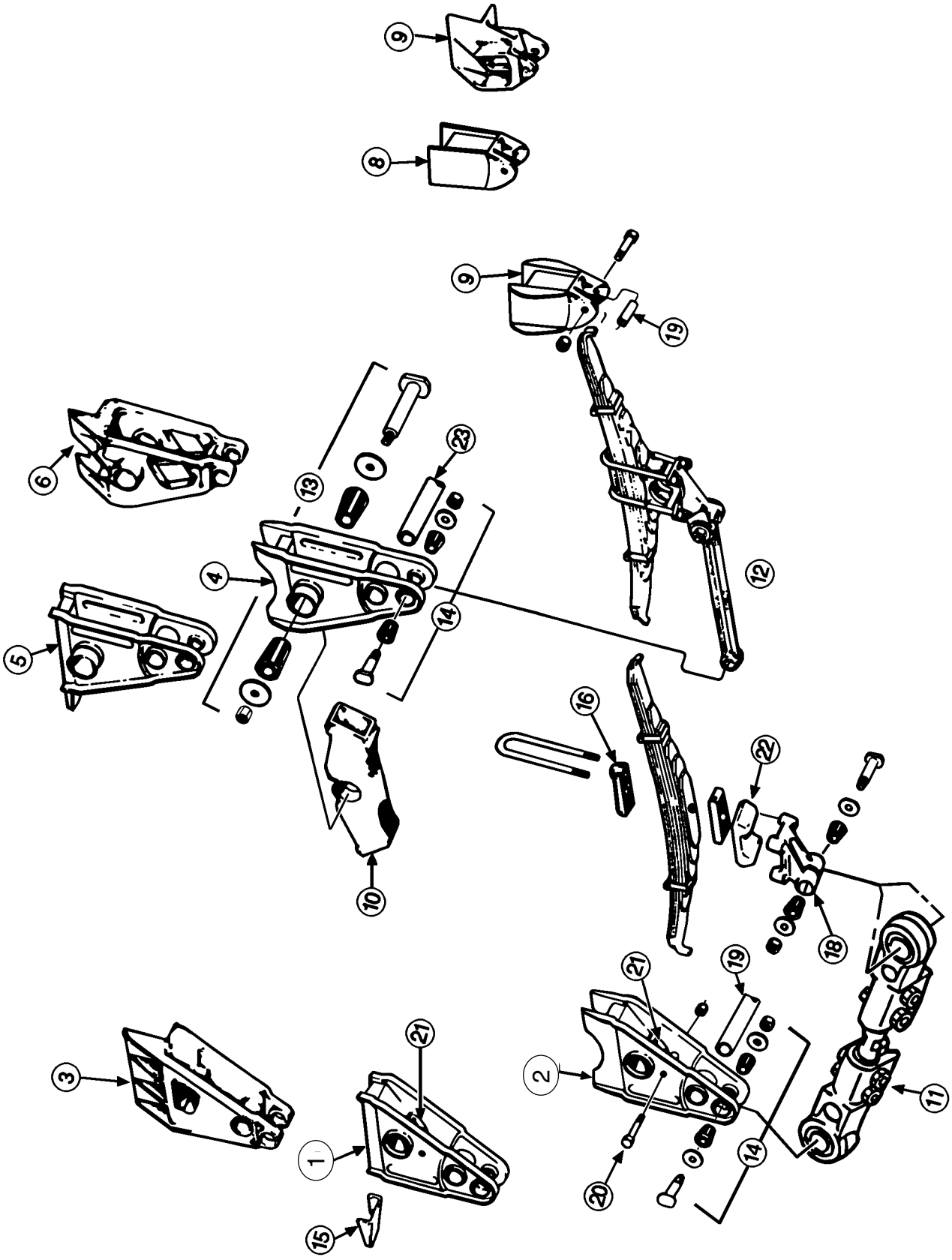
Spacer Block, Cast Reyco 21B Suspension
"A" = 1"
Part No. T7716

This space reserved for future Reyco/Granning Parts

Reyco Granning SUSPENSIONS

PRO-PAR SUSPENSION PARTS

F-2 Under construction



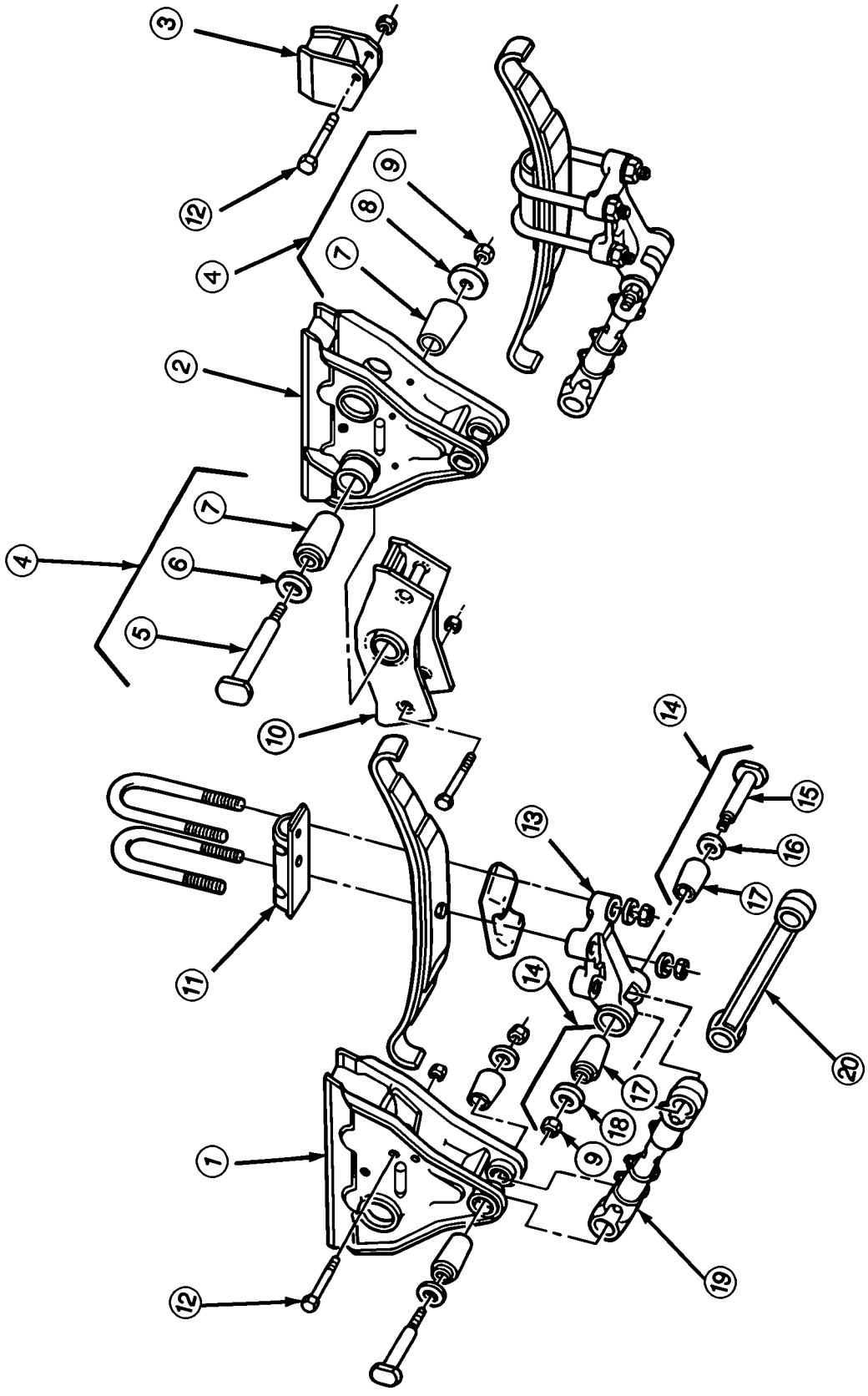
F-2 Underconstruction

F-2 Under construction

Item No.	Fruehauf Part No.	Holland Pro-Par Part No.	Description
1.	UCF 002467 001	**U-CF2467-1**	Front Hanger, Under Mount
2.	UCF 002473 001	**U-CF2473-1**	Front Hanger, Straddle Mount
3.	UXA 000066 UXA 000066 001	**U-XA0066** **U-XA0066-1**	Front Hanger, Cast, LH Front Hanger, Cast, RH
4. 5.	UXA 000021 UXA 000034	**U-XA0021** **U-XA0034**	Equalizer Hanger, Straddle Mount Equalizer Hanger, Under Mount
6.	UXA 000067 UXA 000067 001	**U-XA0067** **U-XA0067-1**	Equalizer Hanger, Cast, LH Equalizer Hanger, Cast, RH
7. 8.	UCF 002470 001 UCF 002471 001	**U-CF2470-1** **U-CF2471-1**	Rear Hanger, Under Mount Rear Hanger, Straddle Mount
9.	UXA 000065 UXA 000065 001	**U-XA0065** **U-XA0065-1**	Rear Hanger, Cast, LH Rear Hanger, Cast, RH
10.	UXA 000017 UCF 001463 001	**U-XA0017** **U-CF1463-1**	Equalizer, Cast Steel Equalizer, (Fab Steel Obsolete)
11. 12.	UCF 002640 001 UXA 000026 001	**U-CF2640-1** **U-XA0026-1**	Adjustable Radius Rod Assembly Fixed Radius Rod
13. 14.	UXA 00004 900 UXA 000011 900	**U-XA0004-900** **U-XA0011-900**	Equalizer Bushing Kit Radius Rod Bushing Kit
15. 16.	UXA 000063 UCC 005998 001	**U-XA0063** **U-CC5998-1**	Hanger Reinforcement Saddle, Cast
17.	UCE 008801 001 UXA 000048	**U-CE8801-1** **U-XA0048**	Saddle Chair Spacer
18. 19.	AXA 000495 001 UCD 009015 001	**A-XA0495-1** **U-CD9015-1**	Axle bracket Spacer
20. 21.	FSP 005-03 012 BCB 008841 900	**FSP 5-3-12** **B-CB8841-900**	Hanger Bolt Wear plate
22. 23.	AXA 000512 001 FCA 000759 001	**A-XA0512-1** **F-CA0759-1**	Spring Chair Cross Brace
	F-2 Under Construction Kit		
	UXA 000029 902	**U-XA0029-902**	Outboard Hanger Suspension Kit Less Spring and Riser Kit
	UXA 000029 903	**U-XA0029-903**	Under Mount Hanger Suspension Kit Less Spring and Riser Kit

PRO-PAR SUSPENSION PARTS

F-2 Under construction Wide Base hangers

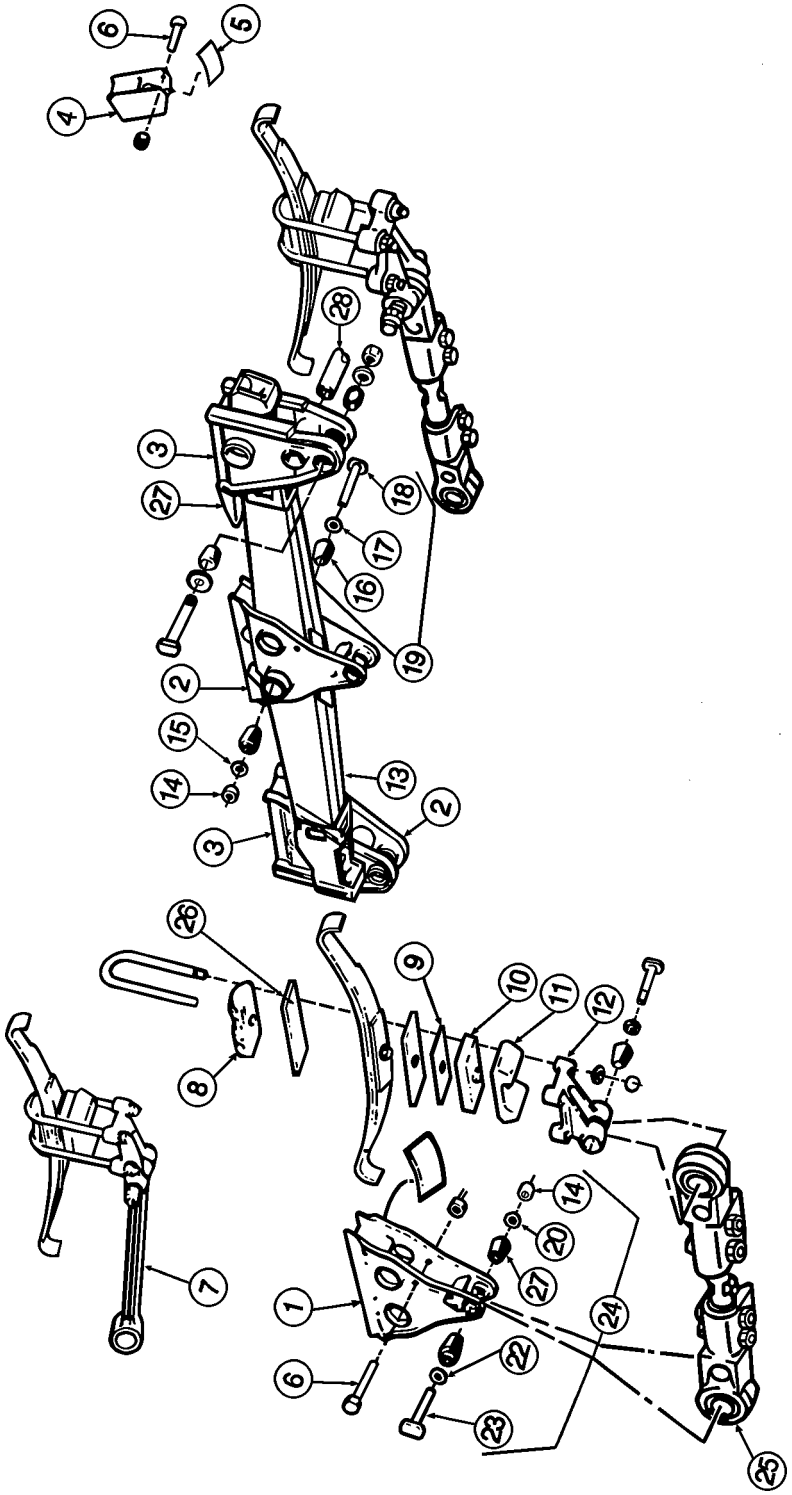


F-2 Underconstruction Wide Base hangers

F-2 Under construction Wide Base hangers

Item No.	Fruehauf Part No.	Pro-Par Part No.	Description
1.	UCF 001466 001	**U-CF1466-1**	Front Hanger
2.	UCE 007746 001	**U-CE7746-1**	Equalizer Hanger
3.	UCF 005858 001	**U-CF5858-1**	Rear Hanger
4.	UXA 000004 900	**U-XA0004-900**	Equalizer Bushing Kit
5.	UXA 000015 001	**U-XA0015-1**	Equalizer Bolt
6.	UXA 000356 001	**U-XA0356-1**	Washer
7.	UXA 000004	**U-XA0004**	Bushing
8.	UXA 000003	**U-XA0003**	Washer
9.	FSP 006-02 009	**FSP6-2-9**	Lock Nut
10.	UXA 000017	**U-XA0017**	Equalizer, Cast
11.	UCF 006963 001 UCE 008801 001	**U-CF6963-1** **U-CE8801-1**	Equalizer, Ductile Saddle
12.	FSP 005-03 012	**FSP5-3-12**	Hanger Bolt
13.	AXA 000495 001	**A-XA0495-1**	Axle Bracket
14.	UXA 000011 900	**U-XA0011-900**	Radius Rod Bushing Kit
15.	UXA 000016	**U-XA0016**	Radius Rod Bolt
16.	UXA 000356 001	**U-XA0356-1**	Washer
17.	UXA 000011	**U-XA0011**	Bushing
18.	UXA 000002	**A-XA0002**	Washer
19.	UCF 002640 001	**U-CF2640-1**	Adjustable Radius Rod Assembly
20.	UXA 000026 001	**U-XA0026-1**	Fixed Radius Rod
21.	AXA 000512 001	**A-XA0512-1**	Chair/Spring
	F-2 Under Construction Kit		
	UCE 004985 900	**U-CE4985-900**	Wide base Outboard Hanger
		Suspension Kit Less Spring and Riser Kit	

F-2 Widespread Underconstruction Wide Base Hangers



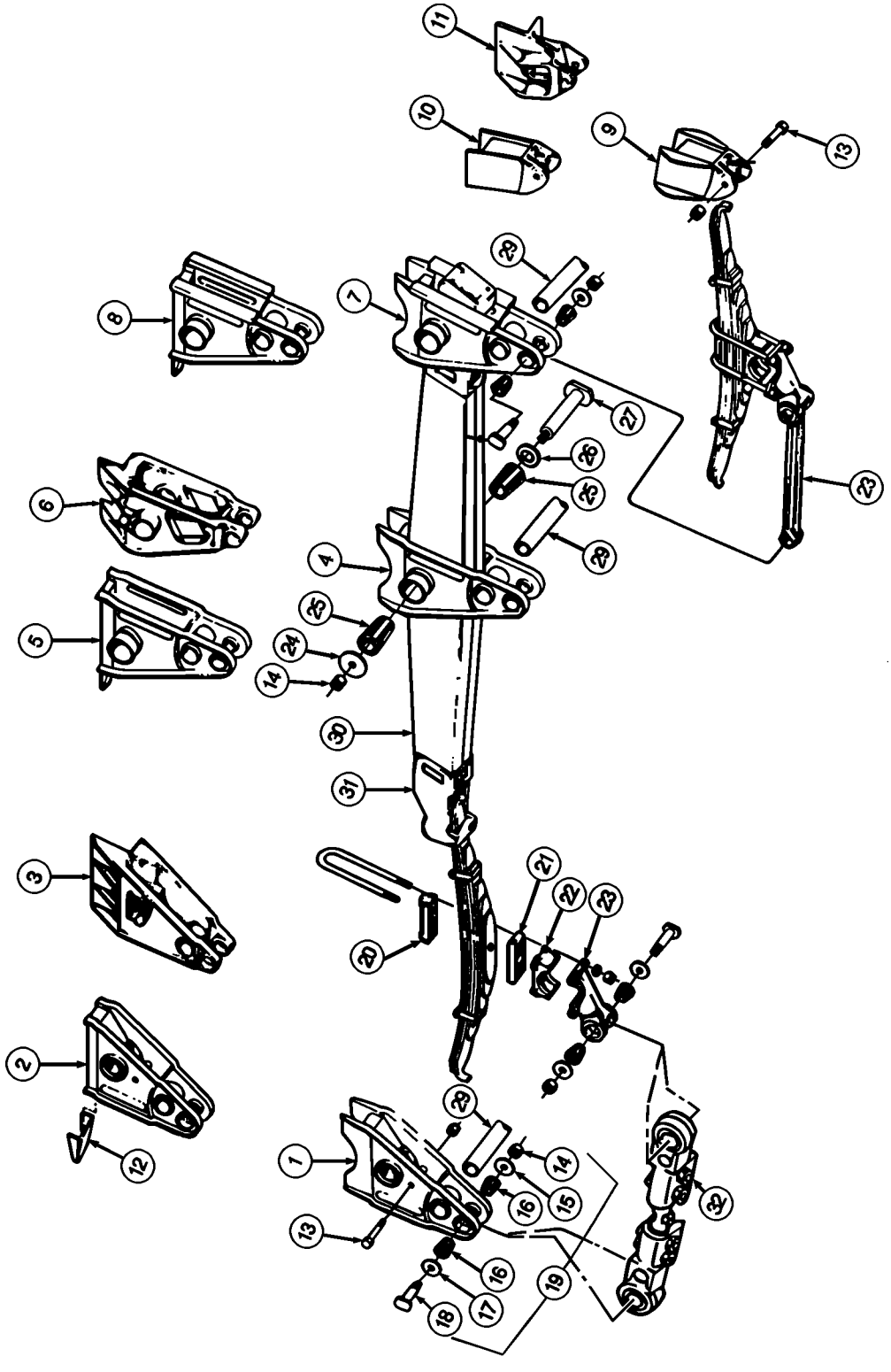
F-2 Widespread Underconstruction Wide Base Hangers

F-2 Widespread Underconstruction Wide Base Hangers

Item No.	Fruehauf Part No.	Pro-Par Part No.	Description
1.	UCF 001466 001	**U-CF1466-1**	Front Hanger
2.	UCE 007746 001	**U-CE7746-1**	Equalizer Hanger
3.	UXA 000054	**U-XA0054**	Guide Hanger Assembly
4.	UCE 007745 001	**U-CE7745-1**	Rear Hanger
5.	UCE 007740 001	**U-CE7740-1**	Wear Plate
6.	FSP 005-03 012	**FSP 5-3-12**	Bolt
7.	UXA 000026 001	**U-XA0026-1**	Fixed Radius Rod Assembly
8.	UCC 005998 001	**U-CC5998-1**	Saddle, Cast
	UCE 008801 001	**U-CE8801-1**	Saddle
9.	UCC 004365 001	**U-CE4365-1**	Plate
10.	UXA 000048	**U-XA0048**	Spring Chair Spacer
11.	AXA 000512 001	**A-XA0512-1**	Spring Chair
12.	AXA 000495 001	**A-XA0495-1**	Axle Bracket
13.	UXA 000049	**U-XA0049**	109" Spread Equalizer
	UXA 000263	**U-XA0263**	121" Spread Equalizer
	UCC 000364 001	**U-CC0364-1**	73" Spread Equalizer
14.	FSP 006-02 009	**FSP 6-2-9**	Nut
15.	UXA 000003	**U-XA0003**	Washer
16.	UXA 000004	**U-XA0004**	Bushing
17.	UXA 000356 002	**U-XA0356-2**	Washer
18.	UXA 000015 001	**U-XA0015-1**	Bolt
19.	UXA 00004 900	**U-XA0004-900**	Radius Rod Bushing Kit
20.	UXA 000002	**U-XA0002**	Washer
21.	UXA 000011	**U-XA0011**	Bushing
22.	UXA 000356 001	**U-XA0356-1**	Washer
23.	UXA 000016	**U-XA0016**	Bolt
24.	UXA000011 900	**U-XA0011-900**	Radius Rod Bushing Kit
25.	UCF 002640 001	**U-CF2640-1**	Adjustable Radius Rod Assembly
26.	MSU LINER 300	**MSU LINER 300**	Delrin
27.	UXA 000063	**U-XA0063**	Hanger Reinforcement
28.	FCA 000759 001	**F-CA0759-1**	Cross Pipe

F-2 Widespread Underconstruction For 5" Round Axles

F-2 Widespread Underconstruction For 5" Round Axle



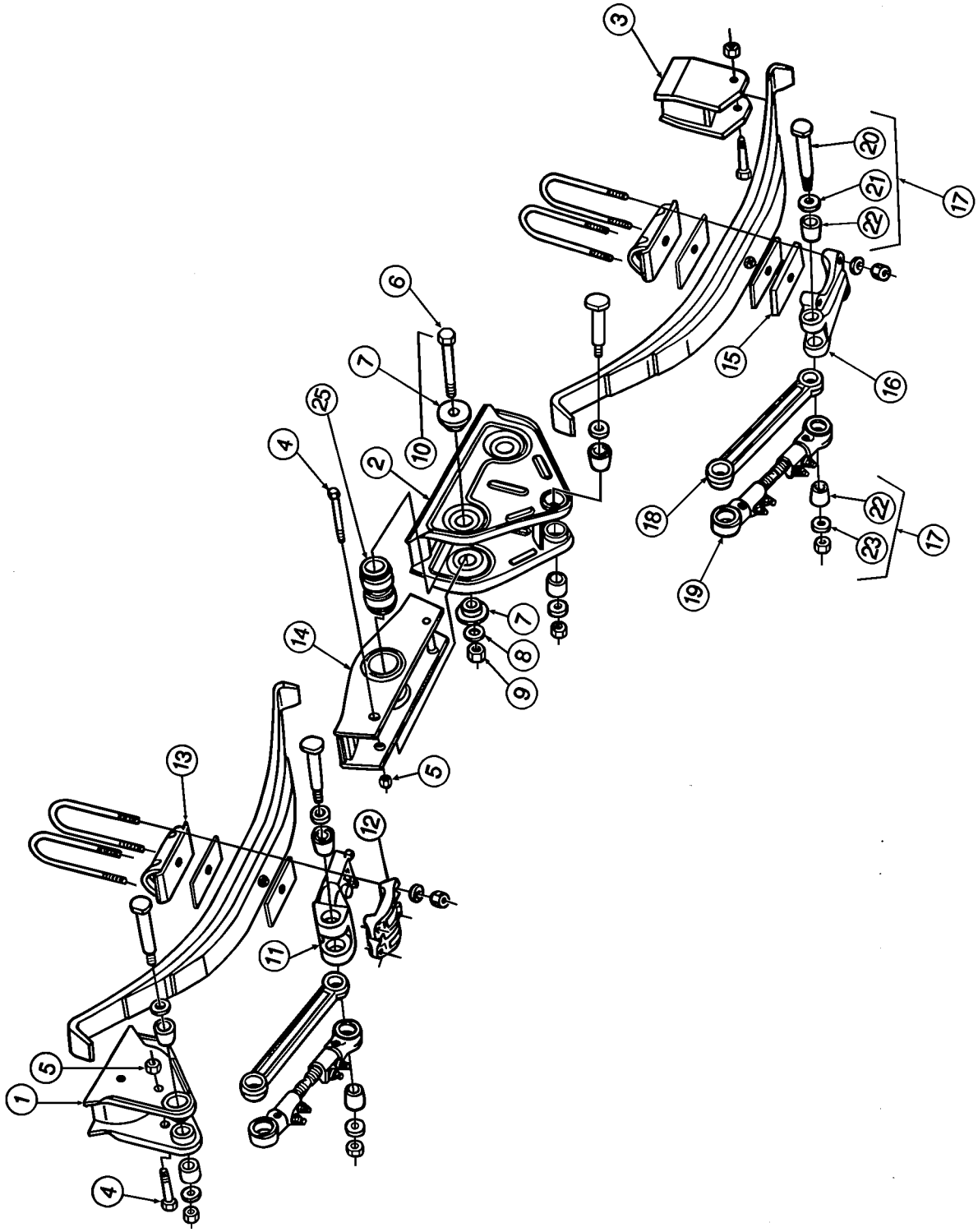
F-2 Widespread Underconstruction For 5" Round Axles

F-2 Widespread Underconstruction For 5" Round Axle

Item No.	Fruehauf Part No.	Pro-Par Part No.	Description
1.	UCF 002473 001	**U-CF2473-1**	Front Hanger, Straddle Mount
2.	UCF 002467 001	**U-CF2467-1**	Front Hanger, Under Mount
3.	UXA 000066	**UXA0066**	Front Hanger, Cast LH
	UXA 000066-001	**U-XA0066-1**	Front Hanger, Cast RH
4.	UXA 000021	**U-XA0021**	Equalizer Hanger, Straddle Mount
5.	UXA 000034	**U-XA0034**	Equalizer Hanger, Under Mount
6.	UXA 000067	**U-XA0067**	Equalizer Hanger, Cast LH
	UXA 000067 001	**U-XA0067-1**	Equalizer Hanger, Cast RH
7.	UXA 000057	**U-XA0057**	Guide Hanger, Straddle Mount
8.	UXA 000054	**U-XA0054**	Guide Hanger, Under Mount
9.	UCF 002471 001	**U-CF2471-1**	Rear Hanger, Straddle Mount
10.	UCF 002470 001	**U-CF2470-1**	Rear Hanger, Under Mount
11.	UXA 000065	**U-XA0065**	Rear Hanger, Cast LH
	UXA 000065 001	**U-XA0065-1**	Rear Hanger, Cast RH
12.	UXA 000063	**U-XA0063**	Hanger Reinforcement
13.	FSP 005-03 012	**FSP 5-3-12**	Bolt
14.	FSP 006-02 009	**FSP 6-2-9**	Nut
15.	UXA 000002	**U-XA0002**	Washer
16.	UXA 000011	**U-XA0011**	Bushing
17.	UXA 000356 001	**U-XA0356-1**	Washer
18.	UXA 000016	**U-XA0016**	Bolt
19.	UXA 000011 900	**U-XA0011-900**	Radius Rod Bushing Kit
	UCC 005998 001	**U-CC 5998-1**	Saddle, Cast
20.	UCE 008801 001	**U-CE8801-1**	Saddle
21.	UXA 000048	**U-XA0048**	Spacer
22.	UXA 000047	**U-XA0047**	Chair
23.	UXA 000028	**U-XA0028**	Axle Bracket, Round Axle
24.	UXA 000003	**U-XA0003**	Washer
25.	UXA 000004	**U-XA0004**	Bushing
26.	UXA 000356 001	**U-XA0356-1**	Washer
27.	UXA 000015 001	**U-XA0015-1**	Bolt
28.	UXA 000004 900	**U-XA0004-900**	Equalizer Bushing Kit
29.	FCA 000759 001	**F-CA0759-1**	Cross Brace
30.	UXA 000049	**U-XA0049**	109" Spread Equalizer
	UXA 000263	**U-XA0263**	121" Spread Equalizer
	UCC 000364 001	**U-CC0364-1**	73" Spread Equalizer
31.	UXA 000051	**U-XA0051**	Equalizer End
32.	UCF 002640 001	**U-CF2640-1**	Adjustable Radius Rod Assembly
33.	UXA 000026 001	**U-XA0026-1**	Fixed Radius Rod

NF-2 Underconstruction

NF-2 Underconstruction



NF-2 Underconstruction

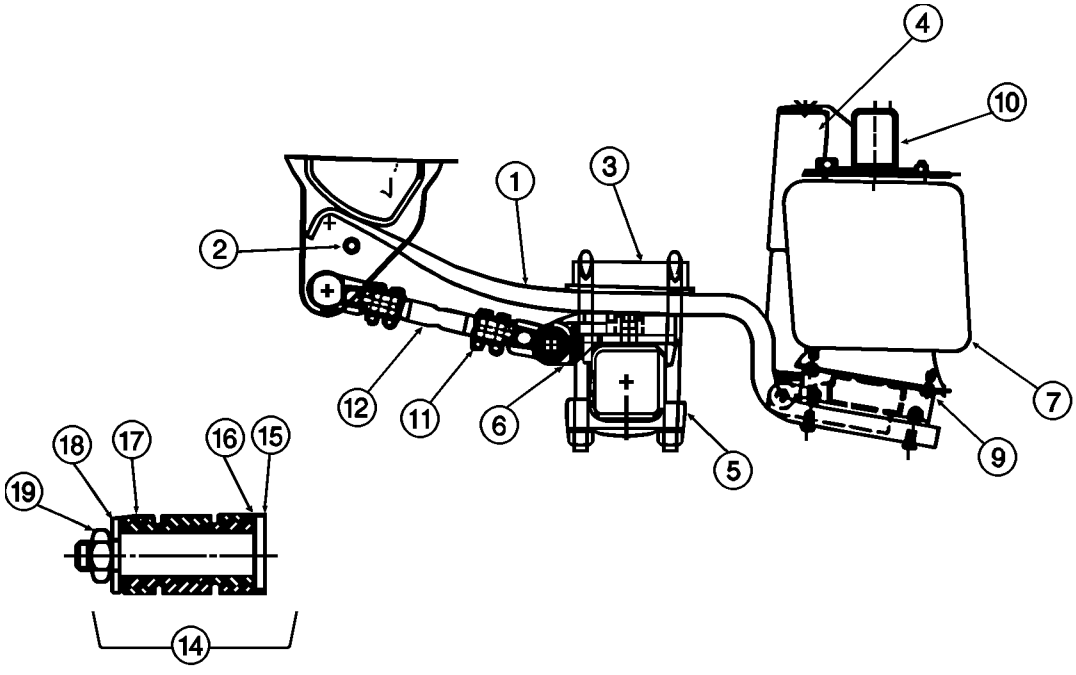
NF-2 Underconstruction

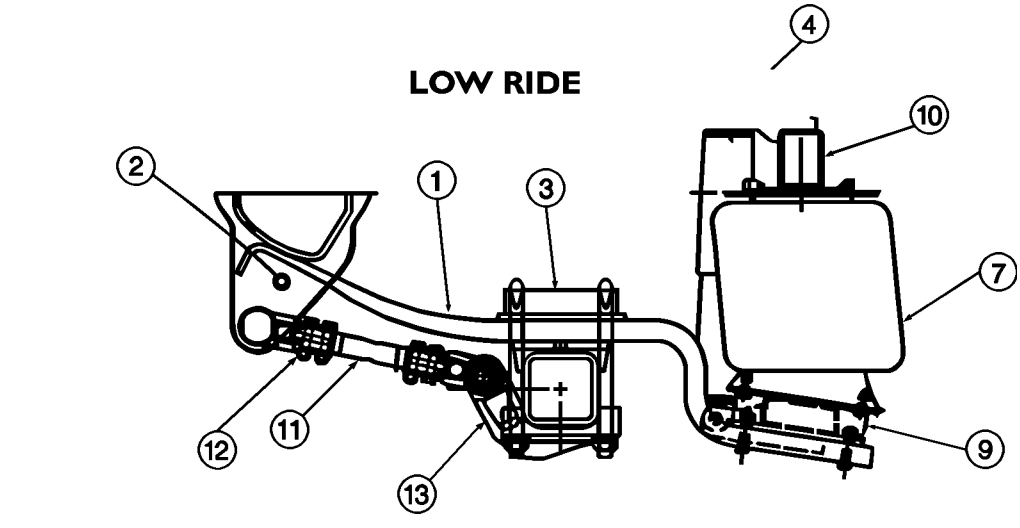
Item No.	Fruehauf Part No.	Pro-Par Part No.	Description
1.	UCF 006668 001	**U-CF6668-1**	Front Hanger
2.	UCF 006672 001	**U-CF6672-1**	Equalizer Hanger
3.	UCF 005858 002	**U-CF5858-2**	Rear Hanger
4.	FSP 005-03 049	**FSP 5-3-54**	Bolt
5.	FSP 006-02 006	**FSP 6-2-15**	Nut
6.	FSP 005-03 028	**FSP 5-3-28**	Bolt
7.	UCF 006703 001	**U-CF6703-1**	Bushing
8.	FSP 007-02 010	**FSP 7-2-10**	Washer
9.	FSP 006-02 009	**FSP 6-2-9**	Nut
10.A.	UCF 006703 900	**U-CF6703-900**	Bolt Bushing Kit (#'s 6,7,8,9,25 incl)
10.B	UCF 006703 901	**U-CF6703-901**	Bolt Kit (#'s 6,7,8,9 incl)
11.	UCF 006696 001	**U-CF6696-1**	Front Chair
12.	UCF 002610 001	**U-CF2610-1**	Axle Bracket
13.	UCE 008801 001	**U-CE8801-1**	Saddle
	UCC 005998 001	**U-CC5998-1**	Saddle, Cast
14.	UCF 008317 002	**U-CF8317-2**	Equalizer, Hardened
	UCF 008317 001	**U-CF8317-1**	Equalizer
15.	UXA 000048	**U-XA0048**	Spacer Block
16.	UCC 004920 001	**U-CC4920-1**	Axle Bracket
17.	UXA 000011 900	**U-XA0011-900**	Radius Rod Bushing Kit
18.	UXA 000026 001	**U-XA0026-1**	Fixed Radius Rod
19.	UCF 002640 001	**U-CF2640-1**	Adjustable Radius Rod Assembly
20.	UXA 000016	**U-XA0016**	Radius Rod Bolt
21.	UXA0000356 001	**U-XA00356-1**	Washer
22.	UXA 000011	**U-XA0011**	Bushing
23.	UXA 000002	**U-XA0002**	Washer
24.	AXA 000512 001	**A-XA0512-1**	Spring Chair (not shown)
25.	UCF 006699 001	**U-CF6699-1**	Equalizer Bushing

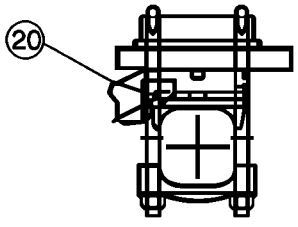
PRO-PAR NT SUSPENSION PARTS

NT Underconstruction

NT Underconstruction





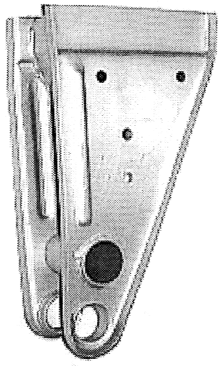


* For ride heights 13¼" x 14".

NT Underconstruction

Item No.	Fruehauf Part No.	Pro-Par Part No.	Description
1.	UCF 008314 001	**U-CF8314-1**	Arm Spring
2.	UCF 006668 001	**U-CF6668-1**	Front Hanger
3.	UCE 008801 001	**U-CE8801-1**	Saddle
	UVA 000056 001	**U-VA0056-1**	Saddle With Stabilizer Bracket
4.	UCF 008339 001	**U-CF8339-1**	Shock Absorber
5.	UCF006696 001	**U-CF6696-1**	Spring Chair
6.	UCF 002610 001	**U-CF2610-1**	Axle Bracket
7.	UCF 009393 002	**U-CF9393-2**	Air Bag
8.	FCF 008248 901	**F-CF8248-902**	Stabilizer Uni-Rod kit 20"-30"
9.	UVA 000008 001	**U-VA0008-1**	Base Plate Assembly
10.	UCF 009172 001	**U-CF9172-1**	Mounting Ass'y Top, 38" Sp. Centers
	UCF 009172 003	**U-CF9172-3**	Mounting Ass'y Top, 44" Sp. Centers
11.	UCF 002640 001	**U-CF2640-1**	Adjustable Radius Rod
12.	UXA 000026 001	**U-XA0026-1**	Fixed Radius Rod
13.	UCF 006702 001	**U-CF6702-1**	Axle Bracket
14.	UXA 000011 900	**U-XA0011-900**	Bushing Kit
15.	UXA 000016	**U-XA0016**	Bolt
16.	UXA 000356 001	**U-XA0356-1**	Washer
17.	UXA 0000011	**U-XA0011**	Bushing
18.	UXA 000002	**U-XA0002**	Washer
19.	FSP 006-02 009	**FSP 6-2-9**	Nut
20.	UCF 006972 003	**U-CF6972-3**	3/4" Spacer Plate
			(For 14" x 15" ride height)
	NT-1 Suspension Kits		
	UVA 000001 911	**U-VA0001-911**	Suspension Kit 38" Spring Centers
	UVA 000001 915	**U-VA0001-915**	Suspension Kit 44" Spring Centers

PRO-PAR SUSPENSION PARTS



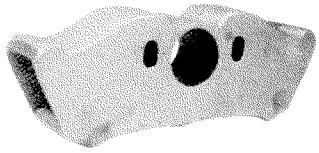
Front Hanger, Undermount	
F Series Suspensions	
Part No.	**Replaces**
U-CF2467-1	UCF002467 001

Front Hanger Undermount	
Wide Base, F Series Suspensions	
Part No.	**Replaces**
U-CF1466-1	UCF001466 001

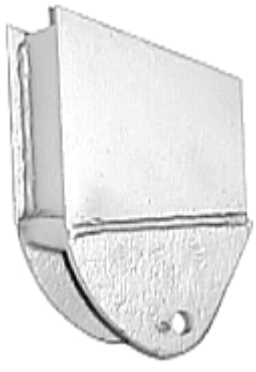
Equalizer Hanger, Undermount	
F Series Suspensions	
Part No.	**Replaces**
U-XA0034	UXA000034

Equalizer Hanger, UnderMount	
Wide Base, F Series Suspensions	
Part No.	**Application**
U-CE7746-1	UCE007746 001

Ductile Cast Equalizer	
F Series Suspensions	
Part No.	**Replaces**
U-CF6963-1	UCF006963 001

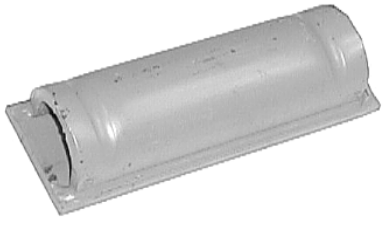


Cast Equalizer	
Series Suspensions	
Part No.	**Replaces**
UXA000017	-



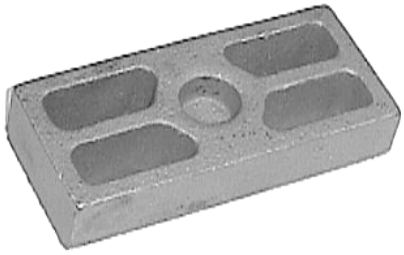
Rear Hanger, Undermount	
F Series Suspensions	
Part No.	**Replaces**
U-CF2470-1	UCF002470 001

Rear Hanger, UnderMount	
Wide Base, F Series Suspensions	
Part No.	**Replaces**
U-CF5858-1	UCE005858 001



Top Plate	
F Series Suspensions, Multi-Leaf	
Part No.	**Replaces**
U-CE8801-1	UCE008801001

PRO-PAR SUSPENSION PARTS



1½"High, 3" Wide, 6½" Long

Spring Spacer	
F Series Suspensions	
Part No.	**Replaces**
U-XA0048	UXA000048

15 7/16" C/C Length

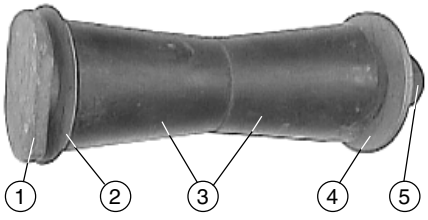
Fixed Radius Rod	
F Series Suspensions	
Part No.	**Replaces**
U-XA0026-1	UXA000026-001

Axle Bracket, For 5" Rd Axle	
F2 Series Suspensions	
Part No.	**Replaces**
U-XA0028	UXA00028

15 7/16" C/C Length

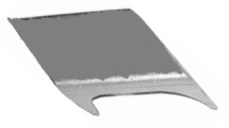
Adjustable Radius Rod	
F Series Suspensions	
Part No.	**Replaces**
U-CF2640-1	UCF002640-001

Axle Bracket, For 5" Sq. Axle	
F Series Suspensions	
Part No.	**Replaces**
A-XA0495-1	AXA000495-001



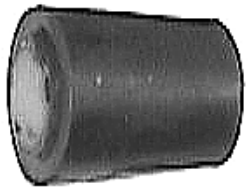
Radius Rod Bushing Kit		
F Series Suspensions		
Part No.		**Replaces**
NL3000		UXA000011-900
Item	**Part No.**	**Description**
1	U-XA0016	Bolt
2	U-XA0356-1	Washer
3	UXA000011	Bushing
4	U-XA0002	Washer
5	FSP 6-2-9	Nut

Spring Seat	
F Series Suspensions	
Part No.	**Replaces**
A-XA0512-1	AXA000512-001



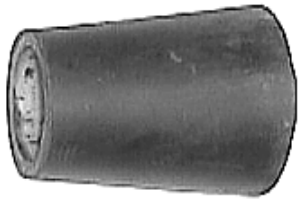
5" Rd Axle Seat for F2 Suspension	
Part No.	**Replaces**
A-CF8391-1	ACF008391-001

Radius Rod Bushing Kit For Fruehauf "F" Series Suspensions
Replaces UXA000011-900
Part No. NL3000

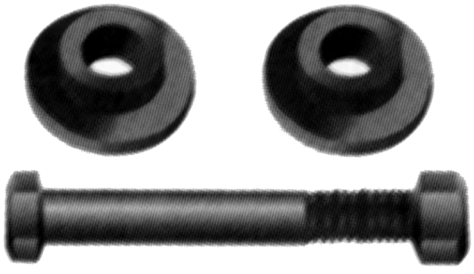


Radius Rod Bushing For Fruehauf "F" Series Suspensions
Replaces UXA000011
Part No. 7620-00

Equalizer Bushing Kit For Fruehauf "F" Series Suspensions
Replaces UXA00004-900
Part No. NL3001



Equalizer Bushing For Fruehauf "F" Series Suspensions
Replaces UXA00004
Part No. E1020



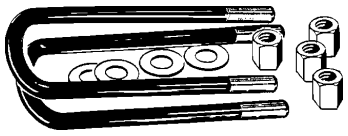
Equalizer Bolt Kit For Fruehauf NF-2 Series Suspensions
Replaces UCF006703901
Part No. U-CF6703-901

U-BOLT KITS

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Each kit contains:

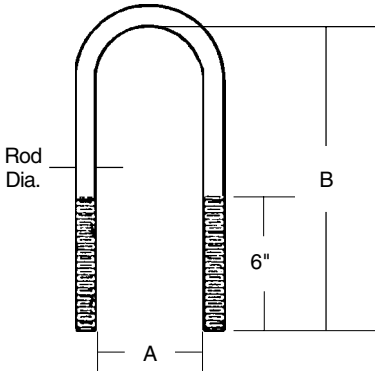
- **2 SAE U-bolts with 6 inches of thread**
- **4 heat treated Grade 8 high nuts**
- **4 A325 heat treated washers.**
- **All packaged in secure box**



3/4" Dia.

Round Top U-Bolt Kits
3" Wide
3/4" Rod Dia., Grade 8
3/4"-16 NF Threads

Fleetcraft Part No.	(A) I.D. Width(")	(B) Length (Inches)
1214264KIT	3	12
1214352KIT	3	13
1214265KIT	3	15
1214353KIT	3	16
1214266KIT	3	18

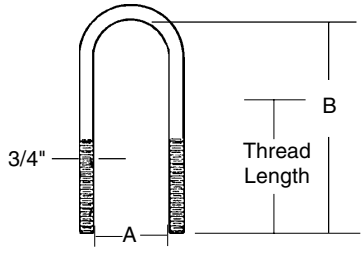


7/8" Dia.

Round Top U-Bolt Kits
3" and 5" Wide
7/8" Rod Dia., Grade 7
7/8"-14 NF Threads

Fleetcraft Part No.	(A) I.D. Width(")	(B) Length (Inches)
1014350KIT	3	11
1014264KIT	3	12
1014352KIT	3	13
1014353KIT	3	14
1014265KIT	3	15
1014355KIT	3	16
1014266KIT	3	18
1014267KIT	5	12
1014268KIT	5	15
1014309KIT	$3\frac{1}{2}$	15

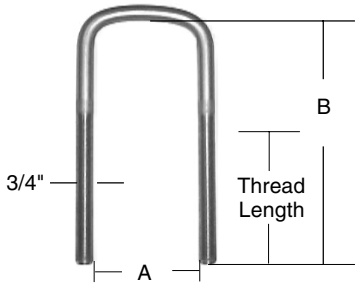
INDIVIDUAL U-BOLTS



3/4" Dia.

5" Wide Round Top U-Bolts, Grade 8
3/4" Rod Diameter, 3/4"-16 NF Threads

Fleetcraft Part No.	(A) I.D. Width(")	(B) Length (Inches)	Thread Length (Inches)
3/4X3-1/16X18	$3\frac{1}{16}$	18	6
3/4X4X18	4	18	6

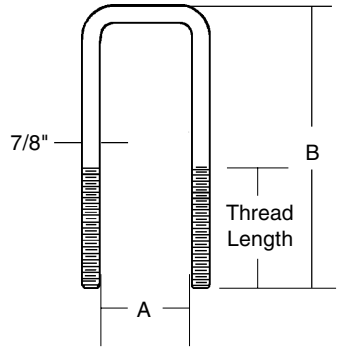


3/4" Dia.

SEMI-ROUND U-BOLTS, Grade 8
5" Wide Round Top U-Bolts
3/4" Rod Diameter, 3/4"-16 NF Threads

Fleetcraft Part No.	(A) I.D. Width(")	(B) Length (Inches)	Thread Length (Inches)
3/4X3-1/2X15-S	$3\frac{1}{16}$	15	6
3/4X4X10-S	4	10	6

1214315KIT IS ALSO AVAILABLE (3/4X3-1/2X15)



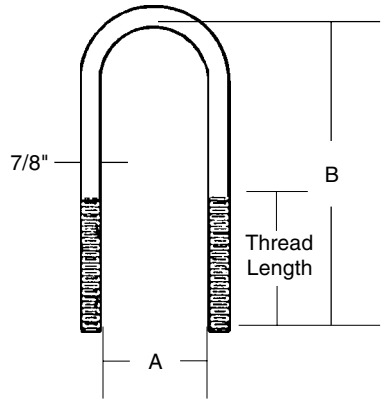
7/8" Dia.

5" Wide Square Top U-Bolts, Grade 7
7/8" Rod Diameter, 7/8"-14 NF Threads

Fleetcraft Part No.	(A) I.D. Width(")	(B) Length (Inches)	Thread Length (Inches)
1014274KIT	5	15	6

(kit only from stock)

INDIVIDUAL U-BOLTS



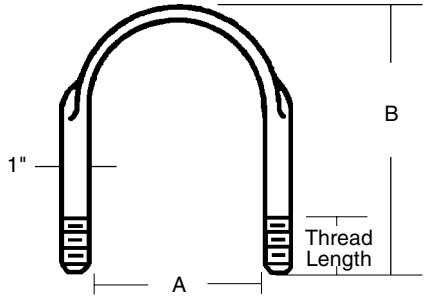
7/8" Dia.

5" Wide Round Top U-Bolts*
7/8" Rod Diameter, 7/8"-14 NF Threads

Fleetcraft Part No.	(A) I.D. Width(")	(B) Length (Inches)	Thread Length (Inches)
7/8X5X12	5	12	3 1/2

3" Wide Round Top U-Bolts*
7/8" Rod Diameter, 7/8"-14 NF Threads

Fleetcraft Part No.	(A) I.D. Width(")	(B) Length (Inches)	Thread Length (Inches)
7/8X3X11	3	11	3 1/2
7/8X3X12	3	12	3 1/2
7/8X3X13	3	13	3 1/2
7/8X3X14	3	14	3 1/2
7/8X3X15	3	15	3 1/2

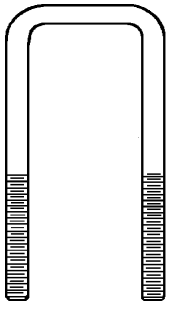


1" Dia.

Caution Here!
Are you buying the right bolt for your application?

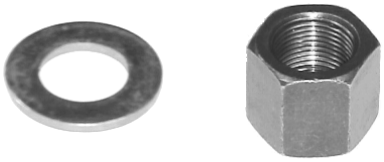
NEWAY FLAT TOP U-BOLTS
5" Wide
1" Rod Diameter, 1"-8 Threads

Neway Part No.	(A) I.D. Width(")	(B) Length (Inches)	Thread Length (Inches)
90041878	6 5/16	9	2 1/4
90042791	6 5/16	10 1/2	3 1/2
90042792	6 5/16	12 1/2	3 1/2



DURALITE GRADE 8 SUSPENSION U-BOLTS

Part No.	Description
XB-SP0074-G	Binkley U-Bolt 3/4" Seat Height
XB-SP0074-H	Binkley U-Bolt 1-1/4" Seat Height
XB-SP0074-J	Binkley U-Bolt 1-3/4" Seat Height
XB-SP0074-K	Binkley U-Bolt 2-1/4" Seat Height



NUTS AND WASHERS FOR U-BOLTS

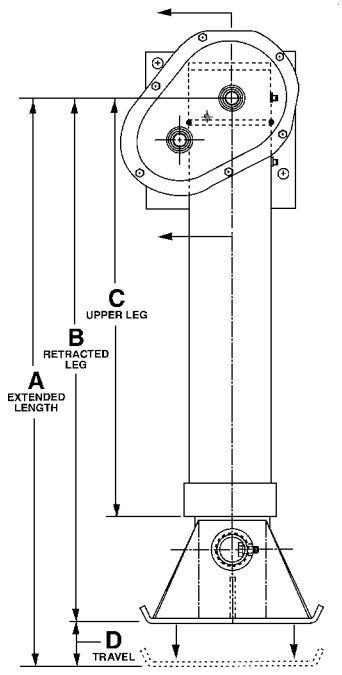
Part No.	Size	Description
NL5481	3/4"	Flat washer, heat treated, 25/32" ID, 1 15/32" OD.
35-00	7/8"	Flat washer, 13/16" ID, 13/16" OD
93900027	1"	Neway Flat washer, 1 1/32" ID, 1 5/8" OD
39D12	3/4"-16	Hi-nut, Gr8, 1 1/32" across hex, 1" high
39D14	7/8"-14	Hi-nut, Gr8, 1 7/32" hex, 1 5/32" high
93400502	1"-8	NewayLock Nut, for Flat Top U-Bolts

FLEETCRAFT LANDING GEAR PART NUMBERS AND SPECIFICATIONS

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Leg Set Complete	Leg Set Less Hardware	2 Speed Leg Part No.	1 Speed Leg Part No.	Leg Travel	Footware
Fleetcraft Round Trailer Supports					
1013902K	**1013902**	**1013902-2**	**1013902-1**	16.87"	10" x 10" x 4 1/2" Sand Shoes
1013903K	**1013903**	**1013903-2**	**1013903-1**	16.87"	10" Dia. Cushion Foot
Fleetcraft Square Trailer Supports					
1013912K	**1013912**	**1013912-2**	**1013912-1**	16.87"	10" x 10" x 4 1/2" Sand Shoes

Load Capacities Per Pair (In lbs.)				
Model	**Screw Size**	**Maximum Static Load Over 2 Legs***	**Ultimate Static Load Over 2 Legs***	**Legs Bend or Break with Side Thrust***
LPR	1 1/2"	140,000	160,000	28,500
LPS	1 1/2"	140,000	160,000	28,500



Specifications

Gearing: 3.2 turns to the inch in high gear
19.2 turns to the inch in low gear.

Weight: 154 pounds (Cushion Foot model)
166 pounds (Sandshoe model)

Certification: Fleetcraft models meet and/or exceed all TTMA/AAR specifications.

Features

Mount: Universal mount - fits inside or outside trailer frame.

Gearbox: Permanently sealed with special formula EP grease for longer maintenance-free operation and *Constant Mesh Gearing*.

Legs: Upper and lower legs formed from HSLA tubing.

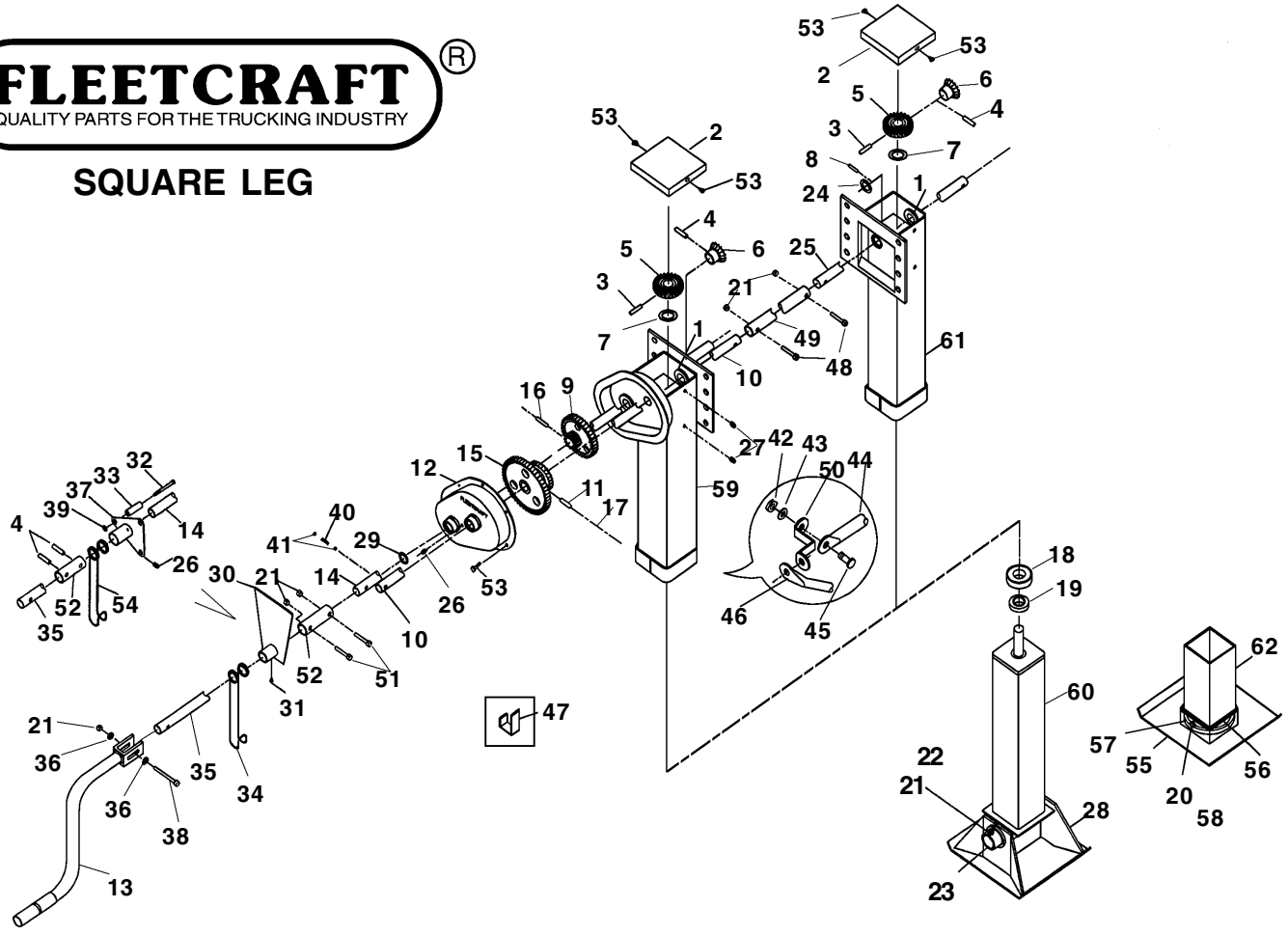
Set No.	Dimensions A	B	C	D
Round Legs With Sand Shoes				
1013902K	42.62"	28.50"	26.19"	14.12"
Round Legs With 10" Dia. Cushion Foot				
1013903K	48.12"	31.25"	28.94"	16.87"
Square Legs With Sand Shoes				
1013912K	48.31"	31.44"	25.44"	16.87"

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

FLEETCRAFT SQUARE LEG TRAILER LANDING GEAR

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

SQUARE LEG



Item No.	Part No.	Description
1	724037	Bushing
2	751612	Cover
3	725046	Groove pin, 5/16 X 1 1/2
4	1453-A40	Roll pin, 3/8 X 1 3/8
5	730606	Bevel gear, 30T
6	J5311-1	Pinion bevel, 14T
7	722017	Bushing - screw
8	1453-A1	Roll pin - 1/4 X 1 1/4
9	J5310-1	Gear set, sliding, 37/12T
10	6948-1	Shaft, pinion
11	1453-A5	Roll pin, 3/8 X 1 1/2
12	9366-3	Cover assembly
13	1014438	Crank
14	6943-2	Shaft, crank
15	J5309	Gear set, rigid, 26/51T
16	1453-A1	Roll pin, 5/16 X 1 1/4
17	1914-A1	Spring clip
18	729108	Bearing ball
19	J4928-1	Collar
20	203878	Nut, lock 5/8-11 (opt)
21	1402-A1	Nut lock, 3/8-16
22	1151-B36	Bolt, 3/8-16 X 3/4
23	1011223	Axle - for sandshoes
24	J1219	Washer
25	6956-1	Shaft, pinion

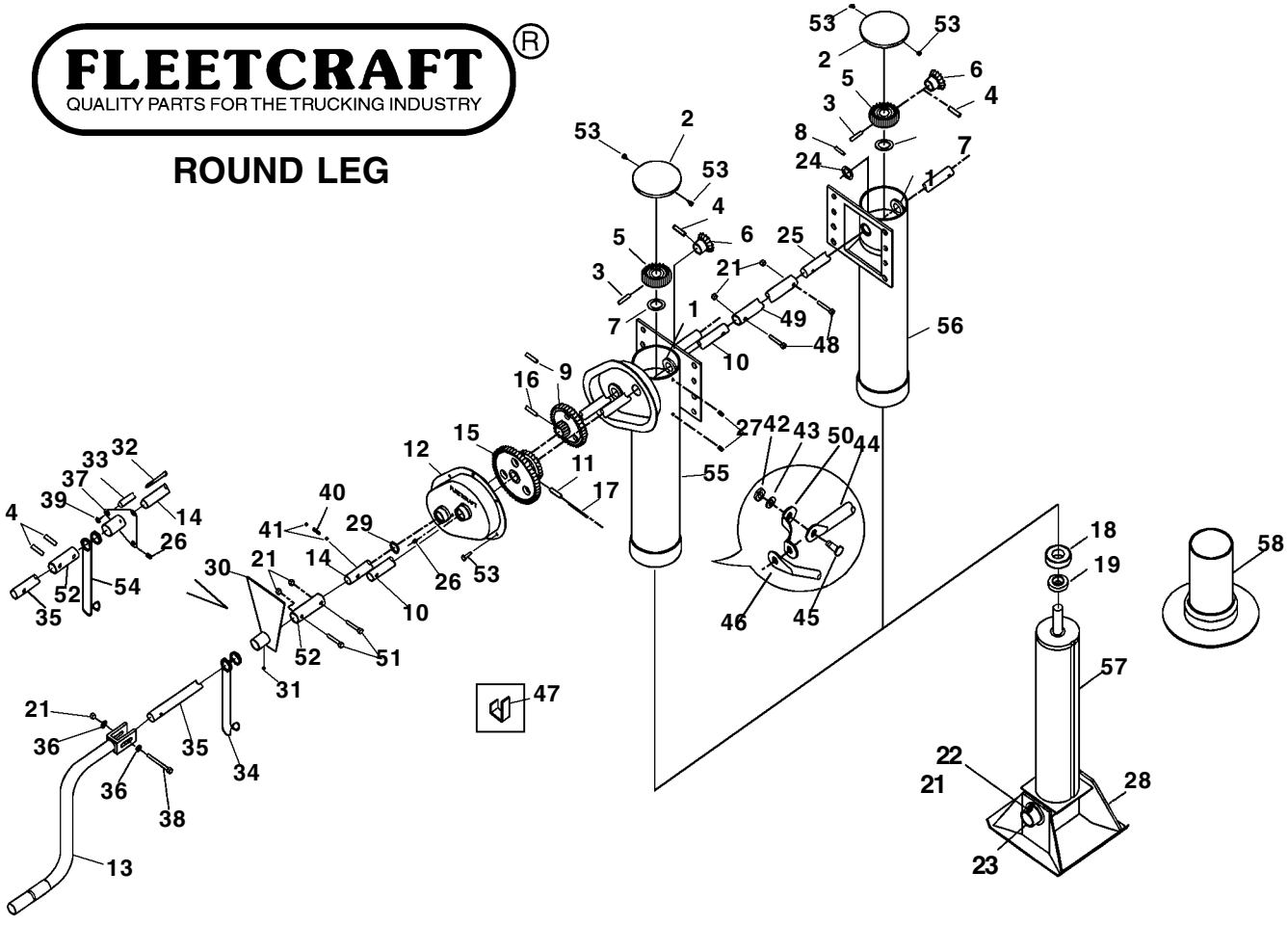
Item No.	Part No.	Description
26	1351-A3	Grease fitting
27	1351-A7	Grease fitting
28	1011225	Sand shoe, replm't
29	1904-A14	Seal
30	J-4702	Crank shaft bracket (F.W. under 54)
31	1351-A1	Grease fitting
32	1151-B99	Bolt, 1/4-20 X 2 1/4
33	9375	Spacer
34	J-122-B	Crank holder
35	8829-17	Crank shaft ext'n
36	1751-A1	Washer, 3/8, plain, heavy
37	9374-1	Crank bracket ass'y
38	9374-2 1151-B81	Crank bracket ass'y Bolt, hex head, 3/8-16 X 2 3/4
39	1402-A9	Lock nut, 1/4-20
40	6365-1	Spring - detent
41	1051-A1	Ball - detent
42	1401-A4	Hex nut, 5/8-11
43	1752-A4	Washer
44	1190656	Brace tube, cross, replacement, adj.
45	1151-B17	Bolt, hex head, 5/8-11 X 2
46	1012589	Brace tube, adj

Item No.	Part No.	Description
47	XA-V-1914	Crank holder
48	1151-B4	Bolt, hex head, 3/8-16 X 2 1/2
49	9260-3	Intermediate shaft (adjustable)
50	J4890	Brace ear
51	1151-B1	Bolt, hex head, 3/8-16 X 1 3/4
52	J3292	Coupling
53	1655-A32	Screw, hex washer head, 1/4-20 X 1/2
54	6866	Crank holder
55	751614	Weldment, cushion foot, optional
56	730612	End plate, optional
57	10058	Shock pad, optional
58	201702	Bolt, 5/8-11 X 6
59	751566	Upper leg, 2 spd sq., 25-7/16" Lg.
60	742111	Lower leg ass'y for axle foot group
61	751564	Upper leg, 1 spd sq., 22-1/16" Lg.
62	742139	Lower leg ass'y for cushion foot

FLEETCRAFT ROUND LEG TRAILER LANDING GEAR

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

ROUND LEG

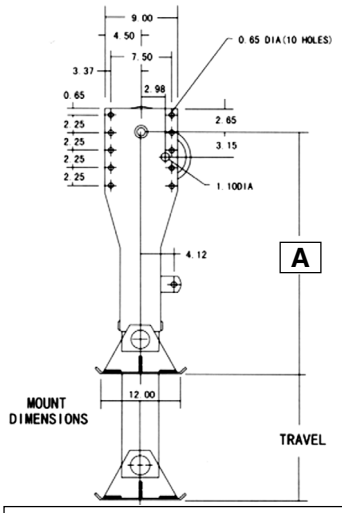


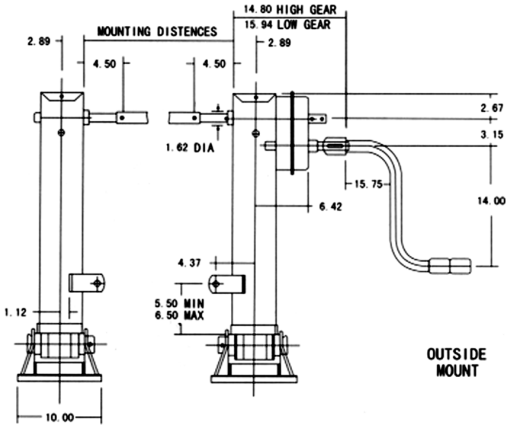
Item No.	Part No.	Description
1	724036	Bushing
2	751601	Cover
3	725046	Groove pin, 5/16 X 1 1/2
4	1453-A40	Roll pin, 3/8 X 1 3/8
5	730606	Bevel gear, 30T
6	J5311-1	Pinion bevel, 14T
7	722017	Bushing - screw
8	1453-A1	Roll pin - 1/4 X 1 1/4
9	J5310-1	Gear set, sliding, 37/12T
10	6948-1	Shaft, pinion
11	1453-A5	Roll pin, 3/8 X 1 1/2
12	9366-3	Cover assembly
13	1014438	Crank
14	6943-2	Shaft, crank
15	J5309	Gear set, rigid, 26/51T
16	1453-A1	Roll pin, 5/16 X 1 1/4
17	1914-A1	Spring clip
18	729108	Bearing ball
	T151T	Brg. for HD appl.
19	J4928-1	Collar
	J5321	Collar for HD appl.
21	1402-A1	Nut lock, 3/8-16
22	1151-B36	Bolt, 3/8-16 X 3/4
23	1011223	Axle - for sandshoes

No.	Item No.	Part Description
24	J1219	Washer
25	6956-1	Shaft, pinion
26	1351-A3	Grease fitting
27	1351-A7	Grease fitting
28	1011225	Sand shoe, replm't
29	1904-A14	Seal
30	J-4702	Crank shaft bracket (F.W. under 54)
31	1351-A1	Grease fitting
32	1151-B99	Bolt, 1/4-20 X 2 1/4
33	9375	Spacer
34	J-122-B	Crank holder
35	8829-17	Crank shaft ext'n
36	1751-A1	Washer, 3/8, plain, heavy
37	9374-1	Crank bracket ass'y
	9374-2	Crank bracket ass'y
38	1151-B81	Bolt, hex head, 3/8-16 X 2 3/4
39	1402-A9	Lock nut, 1/4-20
40	6365-1	Spring - detent
41	1051-A1	Ball - detent
42	1401-A4	Hex nut, 5/8-11
43	1752-A4	Washer
44	1190656	Brace tube, cross, replacement, adj.
45	1151-B17	Bolt, hex head, 5/8-11 X 2

No.	Item No.	Part Description
46	1012589	Brace tube, adj
47	XA-V-1914	Crank holder
48	1151-B4	Bolt, hex head, 3/8-16 X 2 1/2
49	9260-3	Intermediate shaft universal appl.
50	J4154	Brace ear
51	1151-B1	Bolt, hex head, 3/8-16 X 1 3/4
52	J3292	Coupling
53	1655-A32	Screw, hex washer head, 1/4-20 X 1/2
54	6866	Crank holder
55	751562	Upper leg, 2 spd, 25-7/16" Lg. (-3)
56	751560	Upper leg, 1 spd, 25-7/16" Lg. (-3)
57	742110	Lower leg, (-3)
58	742126	Lower leg ass'y w/ cushion foot (-3)

KIC LANDING GEAR





KIC

DIMENSION A CHART		
Part No.	Description	With Sandshoe 10"x10"x4.5" - 10"x12"x4.5"
1013952K *	16.5" Travel	31.10"

LEG RATINGS (PER SET)		FOOTWEAR RATINGS (PER SET)	
Lifting capacity at 100 ft./lbs. input torque	50,000 lbs.	Sandshoe with standard axle 1.5" hydraulic pipe	50,000 lbs.
Maximum static load over two legs	400,000 lbs.	Sandshoe w/optional semisolid axle	75,000 lbs.
Ultimate load capacity over two legs	170,000 lbs.	Shock foot	35,000 lbs.
Maximum side load capacity	28,000 lbs.		

** 1013952K - Consists of Rt. & Lft. legs, brace ears, cross shaft, crank handle. 1013952-1 - Non gear leg. 1013952-2 Gear side leg.*

Superior Features & Benefits of KIC Landing Gear

FEATURES:

- Bevel gears are forged steel SAE 1045 heat treated.
- Reduction gears are made in SAE 1045 steel, heat treated and machine-generated, with wide gear teeth in output gears.
- Gear ratio is 34.5 turns per inch of travel (low speed) and 4.5 turns per inch of travel (high speed).
- Bushings feature extra rigid supports and powdered metal self-lubricated material.
- Legs made of tubular steel. Outer leg is 5" square tubing and inner leg is 4.5" square tubbing.
- Tapered backplate with 10 bolt-hole mounting pattern.
- Mounting Styles - Outside Mount, Inside Mount, & Universal Mount are available.
- Travel lengths of 13.5", 16.5" and 18.5" are available.
- Footwear options include standard sandshoe, low profile sandshoe and shock foot.

BENEFITS:

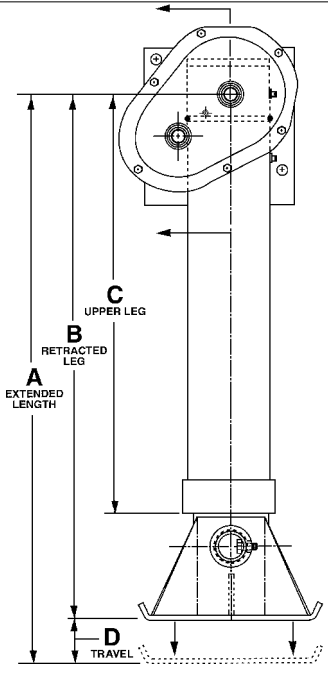
- Forged gears have the advantage of increased load-carrying capacity.
- Close tolerances on the gears provide a smooth, continuous flow of power with minimum loss of energy for longer service life and greater lift efficiency.
- Less cranking effort required (Exceeds TTMA performance specifications for lift efficiency).
- Extended life for shafts and gears.
- Optimum strength per weight ratio.
- Adds mor longitudinal load capacity.
- Meets all design requirements (For all AAR applications).
- Meets all design requirements (Conforms to TTMA recommendations for ground clearance).
- 6 footwear options to meet different needs.

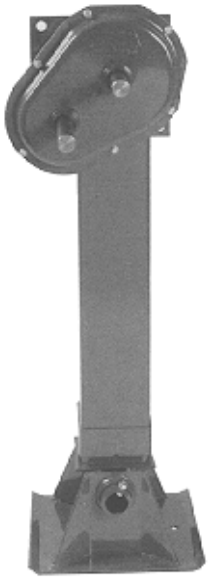
AUSTIN-WESTRAN LANDING GEAR PART NUMBERS AND SPECIFICATIONS

Austin-Westran LLC

Lift-Pak Round (LPR) Austin™ Trailer Supports					
Leg Set Complete	Leg Set Less Hardware	2 Speed Leg Part No.	1 Speed Leg Part No.	Leg Travel	Footware
LPR2-10-305K	**LPR2-10-305S**	**LPR2-10-305-RH**	**LPR2-10-305-LH**	14.12"	10" Dia. Cushion Foot
LPR2-30-305K	**LPR2-30-305S**	**LPR2-30-305-RH**	**LPR2-30-305-LH**	16.87"	10" Dia. Cushion Foot
LPR2-30-309K	**LPR2-30-309S**	**LPR2-30-309-RH**	**LPR2-30-309-LH**	16.87"	13" Dia. Cushion Foot
LPR2-30-400K	**LPR2-30-400S**	**LPR2-30-400-RH**	**LPR2-30-400-LH**	16.87"	10" x 10"x 2" Sand Shoes
LPR2-30-444K	**LPR2-30-444S**	**LPR2-30-444-RH**	**LPR2-30-444-LH**	16.87"	10" x 10" x 4½" Sand Shoes
Lift-Pak Square (LPS) Austin™ Trailer Supports					
LPS2-30-400K	**LPS2-30-400S**	**LPS2-30-400-RH**	**LPS2-30-400-LH**	16.87"	10"x 10" x 2 Sand Shoes
LPS2-30-444K	**LPS2-30-444S**	**LPS2-30-444-RH**	**LPS2-30-444-LH**	16.87"	10" x 10" x 4½" Sand Shoes
FSL-2000K	**FSL-2000S**	**Sets Only**	**Symmetrical Mount**	16.87"	10" x 10" x 4½" Sand Shoes

Load Capacities Per Pair (In lbs.)				
Model	Screw Size	Maximum Static Load Over 2 Legs*	Ultimate Static Load Over 2 Legs*	Legs Bend or Break with Side Thrust*
LPR	1½"	140,000	160,000	28,500
LPS	1½"	140,000	160,000	28,500





Specifications

Gearing: 3.2 turns to the inch in high gear
19.2 turns to the inch in low gear.

Weight: LPR Model:
154 pounds (Cushion Foot model)
166 pounds (Sandshoe model)
LPS Model:
159 pounds (Cushion Foot model)
171 pounds (Sandshoe model)

Certification: Lift-Pak models meet and/or exceed all TTMA/AAR specifications.

Features

Mount: Universal mount - fits inside or outside trailer frame.

Gearbox: Permanently sealed with special formula EP grease for longer maintenance-free operation of *Constant Mesh* Gearing

Legs: Upper and lower legs formed from HSLA tubing.

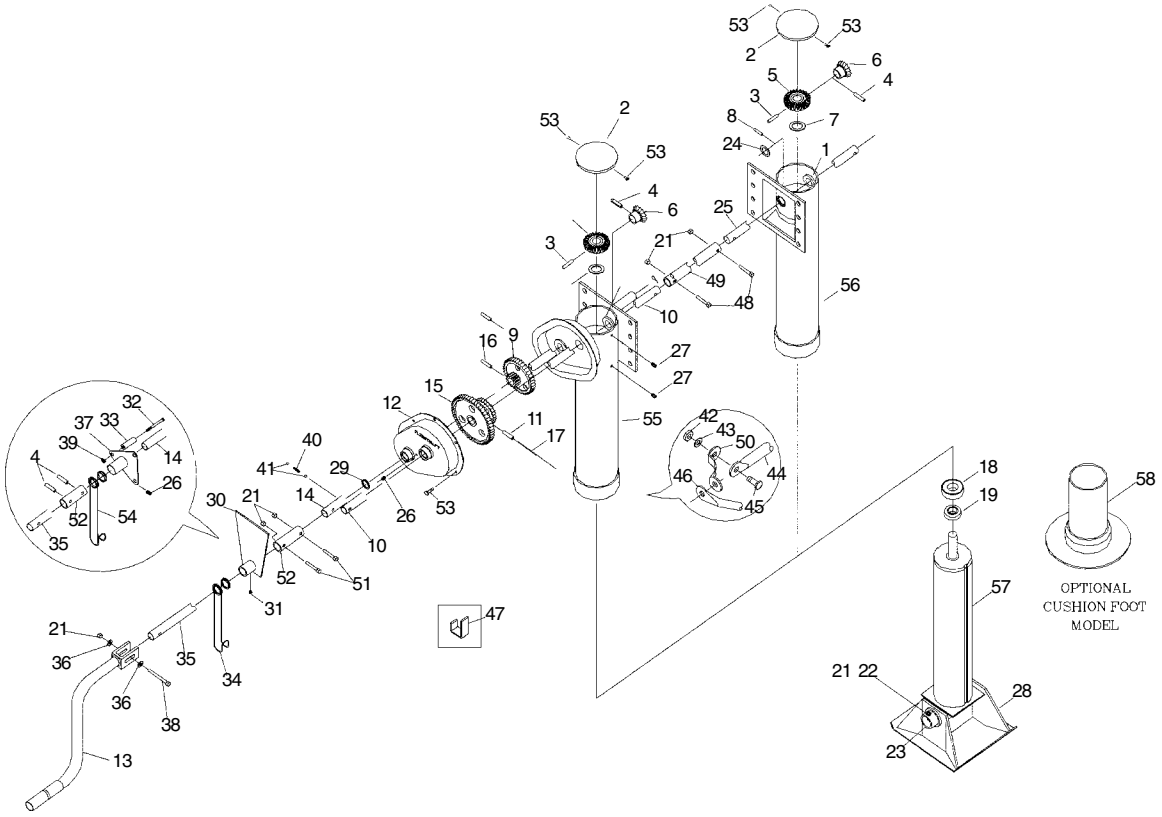
Round Legs (LPR)

Set No.	Dimensions A	B	C	D
LPR2-10-305K	42.62"	28.50"	26.19"	14.12"
LPR2-30-305K	48.12"	31.25"	28.94"	16.87"
LPR2-30-309K	48.12"	31.25"	28.94"	16.87"
LPR2-30-444K	48.31"	31.44"	25.44"	16.87"

Square Legs (LPS)

Set No.	Dimensions A	B	C	D
LPS2-30-444K	48.31"	31.44"	25.44"	16.87"

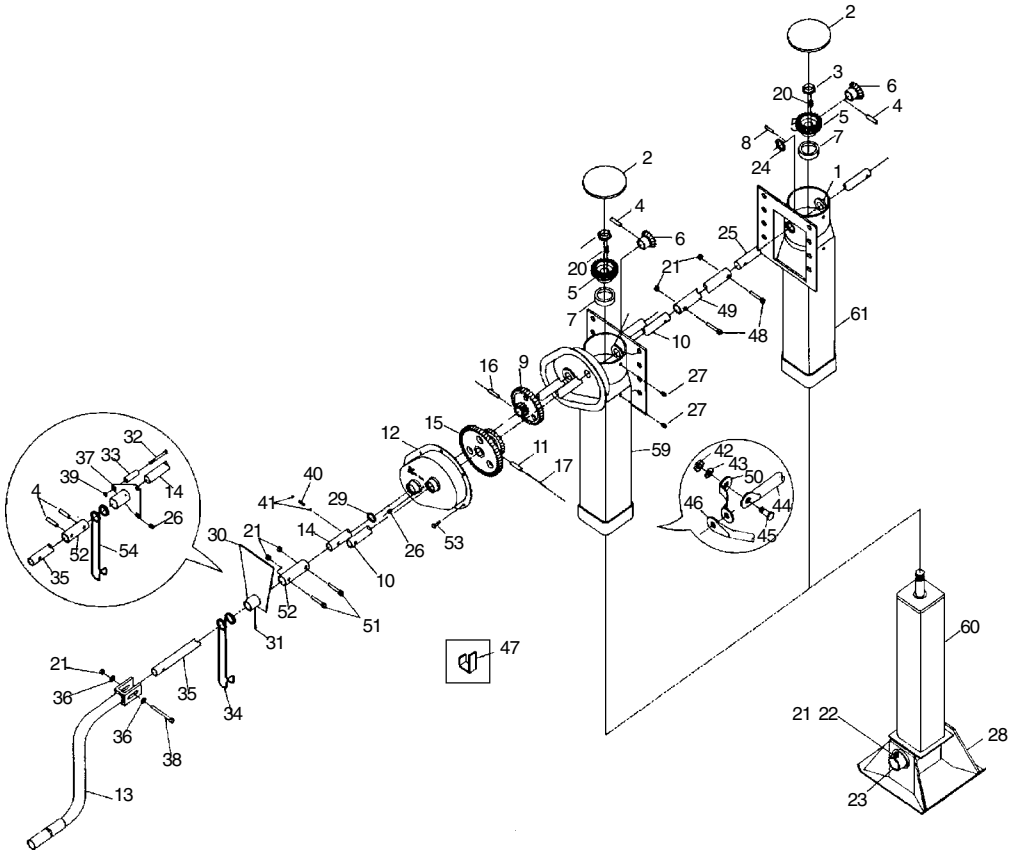
AUSTIN-WESTRAN LIFT-PAK ROUND (LPR) LANDING GEAR



Item	Part No.	Qty.	Description
1	8994	3	Bushing
2	8984	2	Cover
3	1402-A7	2	Locknut, 1"-14 Thin
4	1453-A40	4	Roll Pin 3/8" x 1 3/8"
5	J5312-1	2	Bevel Gear 28T
6	J5311-1	2	Pinion, bevel, 14T
7	J5313	2	Bushing - Screw
8	1453-A1	1	Roll Pin, 1/4" x 1 1/4"
9	J5310-1	1	Gear Set, Sliding, 37/12T
10	6948-1	1	Shaft, Pinion
11	1453-A5	1	Roll Pin, 3/8" x 1 1/2"
12	9366-3	1	Cover Assembly
13	*J-27-BX-3	1	Crank
14	6943-2	1	Shaft, Crank
	6943-3	1	Shaft plated for permanent Lube
15	J5309	1	Gear Set, Rigid, 26/51T
16	1453-A1	1	Roll Pin, 5/16" x 1 1/4"
17	1914-A1	1	Spring Clip
18	T127T	2	Bearing, T127
	1102-A9	2	Bearing T151 For HD Applications
19	J4928-1	2	Collar
	J5321	2	Collar for HD Applications
20	J3237	2	Key, 1/4" x 13/16"
21	1402-A1	7	Lock Nut, 3/8"-16
22	1151-B36	2	Bolt, 3/8"-16 x 3/4"
23	9298-1	2	Axle For Sand Shoes
24	J1219	1	Washer
25	6956-1	1	Shaft, Pinion
26	1351-A3	1	Grease Fitting
27	1351-A7	4	Grease Fitting
28	J4514-3	2	Sand Shoe

Item	Part No.	Qty.	Description
29	1914-A14	1	Seal
30	J4702	1	Crankshaft Brkt Ass'y
31	1351-A1	1	Grease Fitting
32	1151-B99	3	Bolt, 1/4"-20 x 2 1/4"
33	9375	3	Spacer
34	J-122-B	1	Crank Holder
35	8829-17	1	Shaft, Crank Extension
36	1751-A1	2	Washer, 3/8" Plain, Heavy
37	9374-1	1	Crank Bracket Assembly
	9374-2	1	Crank Bracket Assembly
38	1151-B81	1	Bolt, Hex Head, 3/8"-16 x 2 3/4"
39	1402-A9	3	Lock Nut, 1/4"-20
40	6365-1	1	Spring - Detent
41	1051-A1	2	Ball - Detent
42	*1401-A4	8	Hex Nut, 5/8"-11
43	*1752-A4	8	Washer
44	1012589	2	2 Piece Brace, Adjustable
45	*1151-B17	8	Bolt, Hex Head, 5/8"-11 x 2"
46	1012589	2	2 Piece Brace, Adjustable
47	J-7153	1	Crank Holder
48	1151-B4	2	Bolt, Hex Head, 3/8"-16 x 2 1/2"
49	9260-3	1	Intermediate Shaft, 3 Piece Adjustable
	1011235	1	Intermediate Shaft, 1 piece, 68" Long
50	J4154	2	Brace ear, For Round Leg
	J4890	2	Brace Ear, For Square Leg (not shown)
51	1151-B1	2	Bolt, Hex Head, 3/8"-16 x 1 3/4"
52	J3292	1	Coupling
53	1655-A32	6	Screw, Hex Washer Head, 1/4"-20 x 1/2"
54	6866	1	Crank Holder
59	N/A	1	Upper Leg, 2 Speed, Round
60	N/A	1	Lower Leg, Round
61	N/A	2	Upper Leg, 1 Speed, Round

AUSTIN-WESTRAN LIFT-PAK SQUARE (LPS) LANDING GEAR



Item	Part No.	Qty.	Description
1	8994	3	Bushing
2	8984	2	Cover
3	1402-A7	2	Locknut, 1"-14 Thin
4	1453-A40	4	Roll Pin 3/8" x 1 3/8"
5	J5312-1	2	Bevel Gear 28T
6	J5311-1	2	Pinion, bevel, 14T
7	J5313	2	Bushing - Screw
8	1453-A1	1	Roll Pin, 1/4" x 1 1/4"
9	J5310-1	1	Gear Set, Sliding, 37/12T
10	6948-1	1	Shaft, Pinion
11	1453-A5	1	Roll Pin, 3/8" x 1 1/2"
12	9366-3	1	Cover Assembly
13	*J-27-BX-3	1	Crank
14	6943-2	1	Shaft, Crank
	6943-3	1	Shaft plated for permanent Lube
15	J5309	1	Gear Set, Rigid, 26/51T
16	1453-A1	1	Roll Pin, 5/16" x 1 1/4"
17	1914-A1	1	Spring Clip
18	T127-T	2	Bearing, T127
	1102-A9	2	Bearing T151 For HD Applications
19	J4928-1	2	Collar
	J5321	2	Collar for HD Applications
20	J3237	2	Key, 1/4" x 13/16"
21	1402-A1	7	Lock Nut, 3/8"-16
22	1151-B36	2	Bolt, 3/8"-16 x 3/4"
23	9298-1	2	Axle For Sand Shoes
24	J1219	1	Washer
25	6956-1	1	Shaft, Pinion
26	1351-A3	1	Grease Fitting
27	1351-A7	4	Grease Fitting
28	J4514-3	2	Sand Shoe

Item	Part No.	Qty.	Description
29	1914-A14	1	Seal
30	J4702	1	Crankshaft Brkt Ass'y
31	1351-A1	1	Grease Fitting
32	1151-B99	3	Bolt, 1/4"-20 x 2 1/4"
33	9375	3	Spacer
34	J-122-B	1	Crank Holder
35	8829-17	1	Shaft, Crank Extension
36	1751-A1	2	Washer, 3/8" Plain, Heavy
37	9374-1	1	Crank Bracket Assembly
	9374-2	1	Crank Bracket Assembly
38	1151-B81	1	Bolt, Hex Head, 3/8"-16 x 2 3/4"
39	1402-A9	3	Lock Nut, 1/4"-20
40	6365-1	1	Spring - Detent
41	1051-A1	2	Ball - Detent
42	*1401-A4	8	Hex Nut, 5/8"-11
43	*1752-A4	8	Washer
44	1012589	2	2 Piece Brace, Adjustable
45	*1151-B17	8	Bolt, Hex Head, 5/8"-11 x 2"
46	1012589	2	2 Piece Brace, Adjustable
47	J-7153	1	Crank Holder
48	1151-B4	2	Bolt, Hex Head, 3/8"-16 x 2 1/2"
49	9260-3	1	Intermediate Shaft, 3 Piece Adjustable
	1011235	1	Intermediate Shaft, 1 piece, 68" Long
50	J4154	2	Brace ear, For Round Leg
	J4890	2	Brace Ear, For Square Leg (not shown)
51	1151-B1	2	Bolt, Hex Head, 3/8"-16 x 1 3/4"
52	J3292	1	Coupling
53	1655-A32	6	Screw, Hex Washer Head, 1/4"-20 x 1/2"
54	6866	1	Crank Holder
59	N/A	1	Upper Leg, 2 Speed, Square
60	N/A	1	Lower Leg, Square
61	N/A	2	Upper Leg, 1 Speed Square

KYSOR/WESTRAN CONSTANT MESH LANDING GEAR PART NUMBERS

Austin-Westran LLC

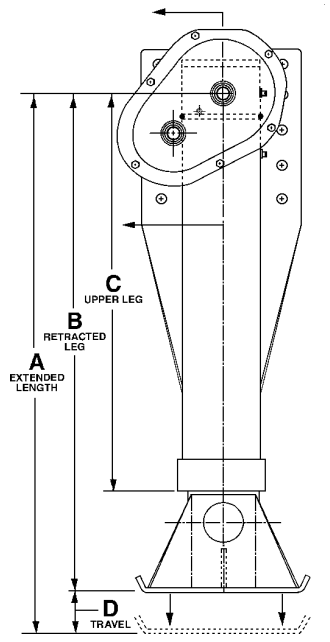
Constant Mesh Round Leg Austin™ Trailer Supports

Leg Set Complete	Leg Set Less Hardware	2 Speed Leg Part No.	1 Speed Leg Part No.	Leg Travel	Footware
CM2-481K	**CM2-481S**	**CM2-481-RH**	**CM2-481-LH**	14.12"	Sandshoe With Solid Axle

"Constant Mesh Gearing"

"Constant Mesh Gearing" eliminates shifting problems found in regular 2 speed gear boxes. The gears require no side to side movement; consequently all gears are constantly in proper alignment. All Austin-Westran product now has constant mesh gearing!

Features:
Patent pending unique design permits changing speeds without shifting gears.
No detent required to position gears.
Eliminates hard shifting due to "grease pumping" in cold weather.



Load Capacities Per Pair (In lbs.)				
Model	Screw Size	Maximum Static Load Over 2 Legs*	Ultimate Static Load Over 2 Legs*	Legs Bend or Break with Side Thrust*
CM2	1 1/2"	140,000	160,000	28,500

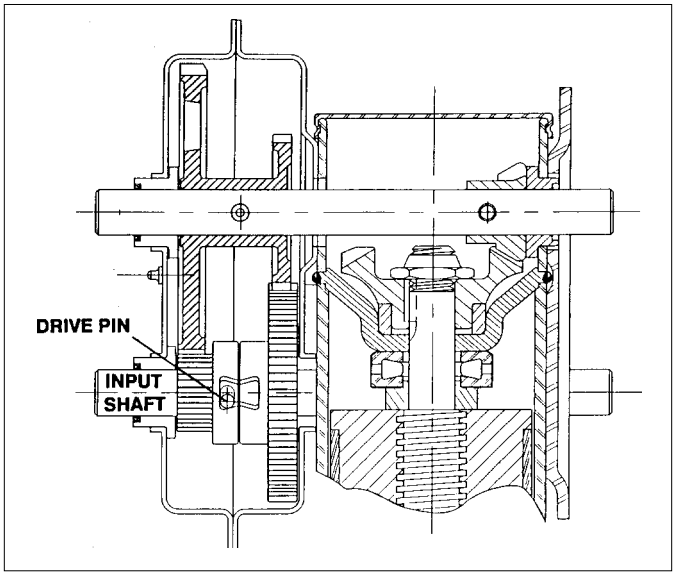
	Dimensions			
Set No.	A	B	C	D
CM2-481K	42.62"	28.50"	26.19"	14.12"

CONSTANT MESH GEARING RETROFIT KIT

The patented "Constant Mesh" gearing can be retrofitted into any existing Kysor/Westran landing gear. These kits can update any Lift Pak, Torque Pak, or FSL 2000 model to "Constant Mesh". The kit listed below supplies you with parts to retrofit a universal mount model LPR round or LPS square model.

Kit Part No. 716037
Kit Includes:

- 1 Low Speed Drive gear
- 1 Crankshaft
- 1 3/8" x 1 3/8" Roll Pin (Torque Pak Only)
- 1 Spacer Tube (Torque Pak Only)
- 1 High Speed Drive Gear
- 1 5/16" x 1 1/2" Groove Pin
- 1 3/8" x 1 1/2" Roll Pin
- 1 Constant Mesh Decal
- 1 Instruction Sheet



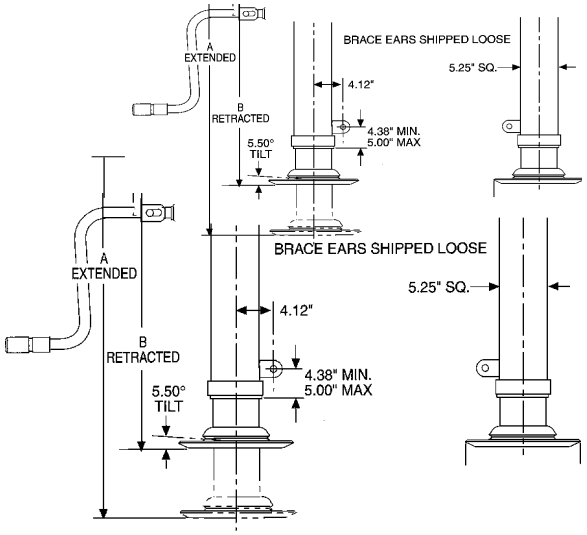
Other kits available on special order:

Kit Number	Application
716039	Outboard Mount (Only) Models
716040	All Torque Pak Models
716038	FSL 2000 Models

HOLLAND MARK V PART NUMBERS AND SPECIFICATIONS

Holland Mark V Landing Gear
All Sets Listed Are Universal Mount

Leg Set Complete	Leg Set Less Hardware	2 Speed Leg Part No.	1 Speed Leg Part No.	Leg Travel	Footware
LGS-1A105K	**LGS-1A105S**	**XA-S8-1A105**	**XA-S9-1A105**	13.5"	Standard Sandshoes
LGS-3A001K	**LGS-3A001S**	**XA-S8-3A001**	**XA-S9-3A001**	16.5"	12" Self Leveling Foot
LGS-3A105K	**LGS-3A105S**	**XA-S8-3A105**	**XA-S9-3A105**	16.5"	Standard Sandshoes
LGS-4A001K	**LGS-4A001S**	**XA-S8-4A001**	**XA-S9-4A001**	17.6"	12" Self Leveling Foot
LGS-4A105K	**LGS-4A105S**	**XA-S8-4A105**	**XA-S9-4A105**	17.6"	Standard Sandshoes
LGS-5A001K	**LGS-5A001S**	**XA-S8-5A001**	**XA-S9-5A001**	18.8"	12" Self Leveling Foot
LGS-5A105K	**LGS-5A105S**	**XA-S8-5A105**	**XA-S9-5A105**	18.8"	Standard Sandshoes
LGH-3A212K	**LGH-3A212S**	**XA-H8-3A212**	**XA-H9-3A212**	16.5"	Solid Axle, Heavy Duty Sandshoes
LGH-4A212K	**LGH-4A212S**	**XA-H8-4A212**	**XA-H9-4A212**	17.6"	Solid Axle, Heavy Duty Sandshoes



Load Capacities Per Pair (In lbs.)	
Mark V	
Maximum Static Load Over 2 Legs*	**Side Load Capacity***
200,000	16,000
Heavy Duty Mark V	
200,000	23,000

Landing Gear Dimensions					
Travel Code	**Travel**	**Self Leveler**		**Std. Sandshoe**	
		A	**B**	**A**	**B**
0	12.5	37.0	24.5	37.8	28.4
1	13.5	41.8	28.3	43.6	29.1
2	15.0	44.8	29.8	45.6	30.6
3	16.5	47.8	31.3	48.6	32.1
4	17.8	50.0	32.4	50.8	33.2
5	18.7	53.3	33.6	53.1	34.4

Specifications

Gearing: 2.5 turns to the inch in high gear
33.8 turns to the inch in low gear.

Weight:
Mark V: 199 pounds (Less hardware)
HD Mark V: 224 lbs. (Less Hardware)

Certification: Meets and/or exceeds all TTMA/AAR specifications.

Lift Capacity: 62,500 lbs at 100 ft. lbs. of input torque

Features

Mount: Universal mount - fits inside or outside trailer frame. Mounting and turn ratios all match previous Mark V models.

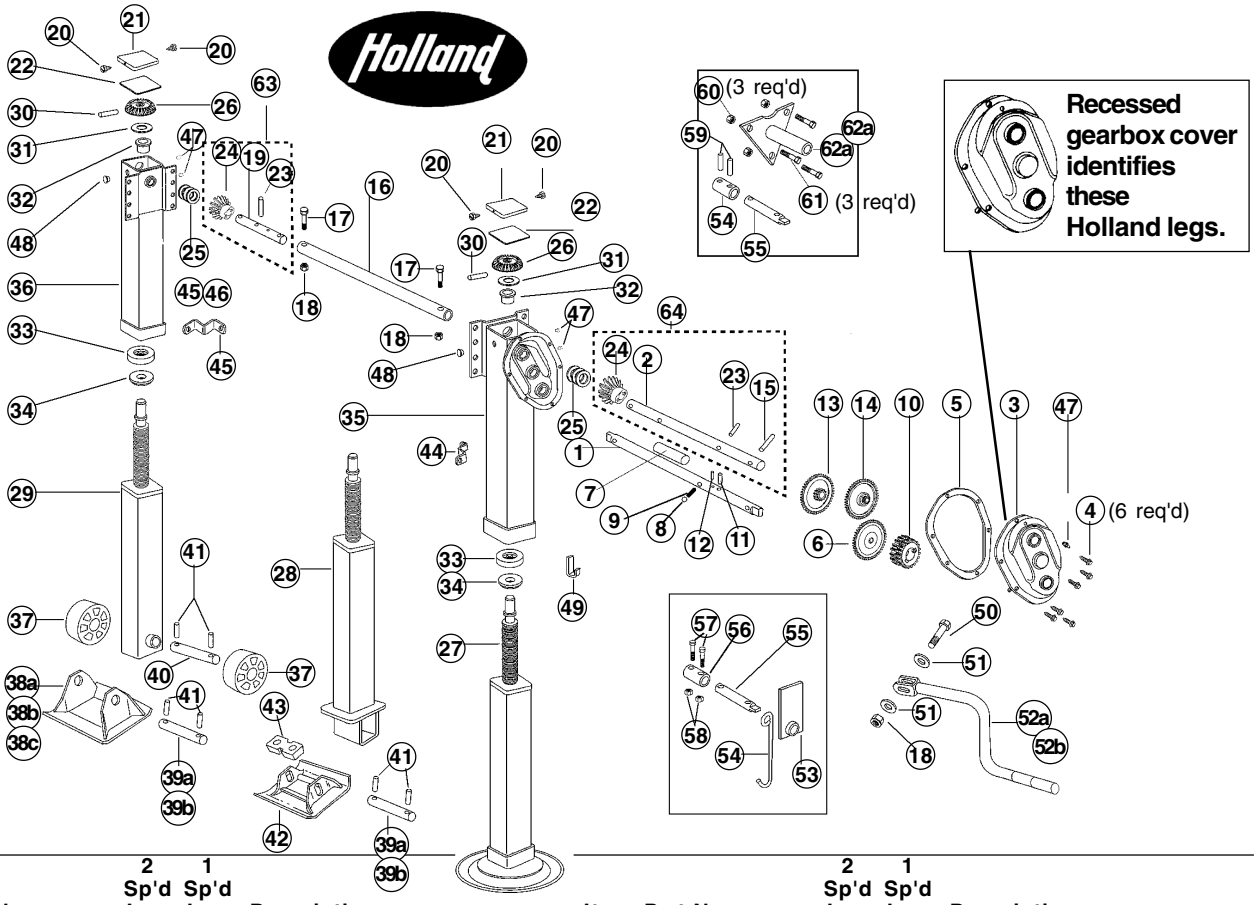
Lubrication: Deep grease reservoir in the riser nut insures constant lubrication of the elevating screw.

Legs: Upper and lower legs formed from HSLA tubing.

LGS - 1 A 1 05 K

Model No. Description LG Set	Model LGS	Travel Code	Mounting Code	Axle Type Code	Footware Code		Kit Code
1 Speed Leg 2 Speed Leg	XA-S9 XA-S8	See Above	A: Univ. B: Inside C: Outside	0: No Axle 1: Std Axle 2: Heavy Pipe 3: Solid	01: 12" Dia. Self Leveler 03: 9" Dia. Wheels 05: 4.9" x 12" x 11.5" S/shoe 08: Large 5" x 14" x 19" S/shoe	10: No Footware 13: 2.5" x 12" x 11.5" Low Profile Sandshoe 14 2.4" x 10" x 11.5" Cush. Ft.	K: L/G Kit Complete S: Legs Only

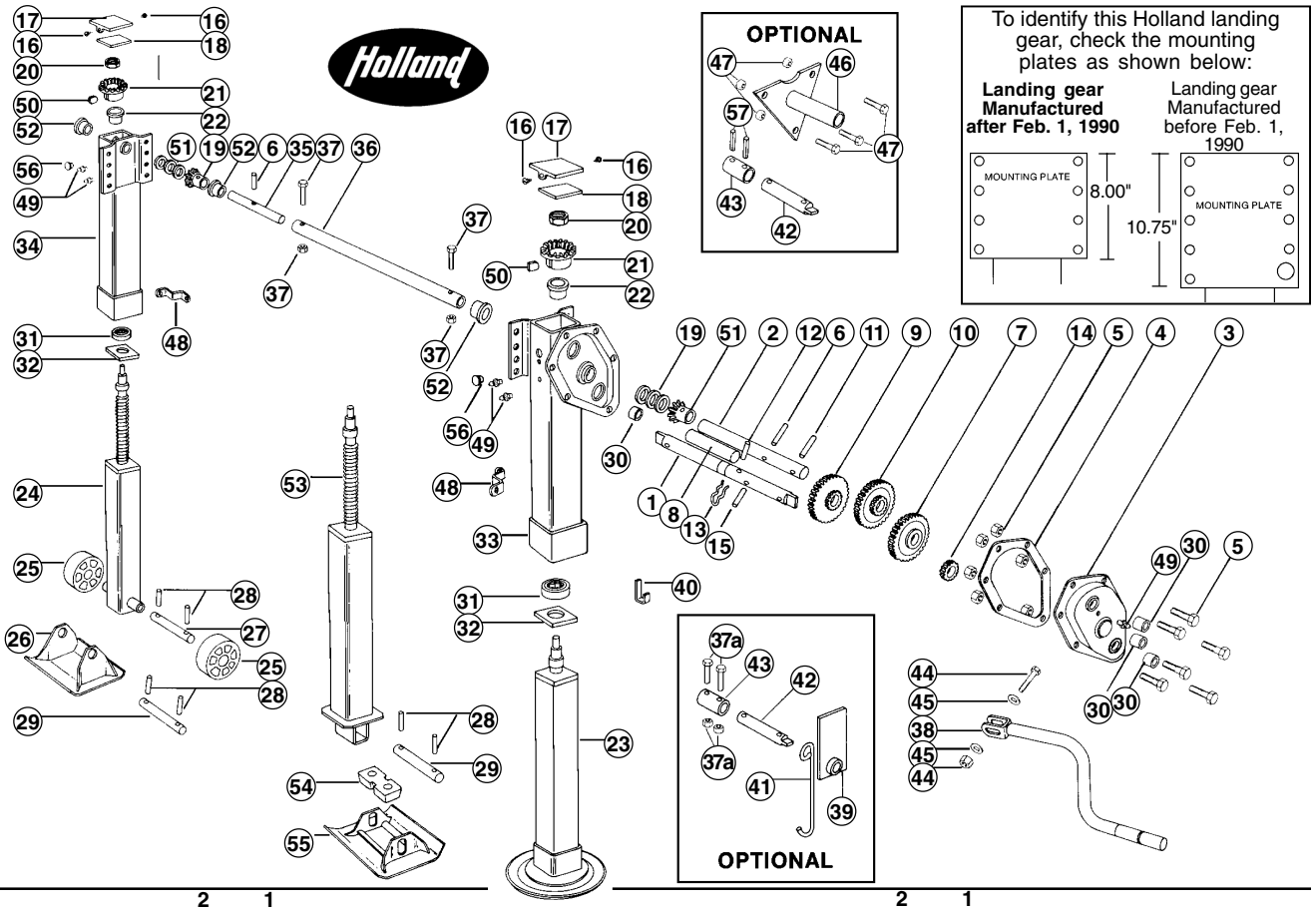
REDESIGNED MARK V LANDING GEAR MFR'D AFTER MAY 1, 1994



Item	Part No.	2 Sp'd Leg	1 Sp'd Leg	Description
1	XA-V-06625-A	1		Crankshaft
2	XA-V-06624-A	1		Drive Gear Shaft
3	XA-V-06618	1		Gearbox cover
4	XB-06372	1		Thread rolling screw
5	XB-V-06621	6		Gearbox gasket
6	XA-V-06602	1		Idler gear
7	XA-V-07085	1		Idler gear shaft
8	XB-BAL-023-07	1		Ball
9	XB-SPG-020-36	1		Spring
10	XA-V-06604-1	1		Shifter gear
11	XA-CRP-V-06633	1		Pin,.25" x 1.44"
12	XB-21-S-218-1500	1		Spring pin .22" x 1.25"
13	XB-V-06606	1		Spur gear
14	XA-V-06603	1		Step gear
15	XA-CRP-V-06634	1		Pin, .38" x 1.5"
16	XA-V-1910	1		Cross Shaft (Specify Frame Width)
17	XA-V-444-1	1	1	HHCS, 3/8"-16 x 1.75"
18	XB-338	2	1	Locknut, 3/8"-16
19	XA-V-06623-A		1	Bevel gear shaft (single speed)
20	XB-06372	2	2	Thread rolling screw
21	XA-V-06611	1	1	Upper leg cover
22	XB-V-07054	1	1	Bushing
23	XB-GP-38-1-12-E	1	1	Groove pin
24	XA-V-06600	1	1	Bevel pinion gear
25	XB-01977	2	2	Shim (as required)
26	XA-V-06601	1	1	Bevel gear
27	XA-V-06628-010-1 thru -515-1	1	1	Inner leg & screw ass'y (01 Series)
28	XA-V-06628-020-2 thru -514-2	1	1	Inner leg & screw ass'y (14 series)
29	XA-V-06628-000-0 thru -0505-0	1	1	Inner leg & screw ass'y (05, 13, or 15 series)
30	XA-CRP-V-06635	1	1	Pin, .38 X 2"
31	XB-V-06632	1	1	Washer
32	XB-V-06630	1	1	Bushing
33	XB-V-647	1	1	Thrust bearing
34	XA-V-06629	1	1	Collar

Item	Part No.	2 Sp'd Leg	1 Sp'd Leg	Description
35	XA-V-07133-0 thru -5	1		2-Speed upper leg
36	XA-V-07132-0 thru -5			1 Single speed upper leg
37	XB-V-747	2	2	Wheel
38A	XA-V-796-B-1	1	1	Skid foot, 4.9" x 12"x 11.5" (05 series)
38B	XA-V-796-L	1	1	Low profile skid foot 2.5" x 12" x 11.5" (13 series)
38C	XA-V-796-WS	1	1	Weight Saver Skid Foot, 3" x 10" x 11.5" (15 series)
39A	XA-V-1901-1	1	1	Standard axle
39B	XA-V-1903-1	1	1	Solid axle
40	XA-V-1901-2	1	1	Axle (03 series)
41	XB-21S-375-3000	2	2	Roll pin .38" x 3"
42	XA-04681	1	1	Cushion skid foot (14 series)
43	XB-04676	1	1	Rubber cushion
44	XA-V-1938	1	1	Brace lug
45	XA-LG0559	1	2	Bearing
46	XB-LG1570	1	2	Retainer
47	XB-767	3	2	Lube fitting
48	XB-01789	1	1	Plastic plug
49	XA-V-1914	1		Crank hanger
50	XB-C-38-C-214	1		HHCS, 3/8"-16 x 2.25"
51	XB-1108	2		3/8" SAE washer
52A	XA-V-90-0	1		Crank
52B	XA-V-90-2	1		Extra long crank (optional)
53	XA-V-971	1		Crankshaft Bracket (optional)
54	XB-V-1915	1		Crank hanger (optional)
55	XA-V-1916-1	1		Extension shaft, long (optional)
56	XA-V-630-2	1		Crankshaft coupling (optional)
57	XB-V-444-1	2		HHCS, 3/8"-16 x 1.75" (optional)
58	XB-338	2		Locknut, 3/8"-16 (optional)
59	XB-GP-38-138-5	2		Groove pin, 3/8" x 1.38" (optional)
60	XB-3103	3		Locknut, 1/4"-28 (optional)
61	SB-07618	3		HHCS, 1/4"-28 x 2.5" (optional)
62A	XA-V-07601-1	1		Extension bracket - long (optional)
62B	XA-V-07601-2	1		Extension bracket - short (optional)

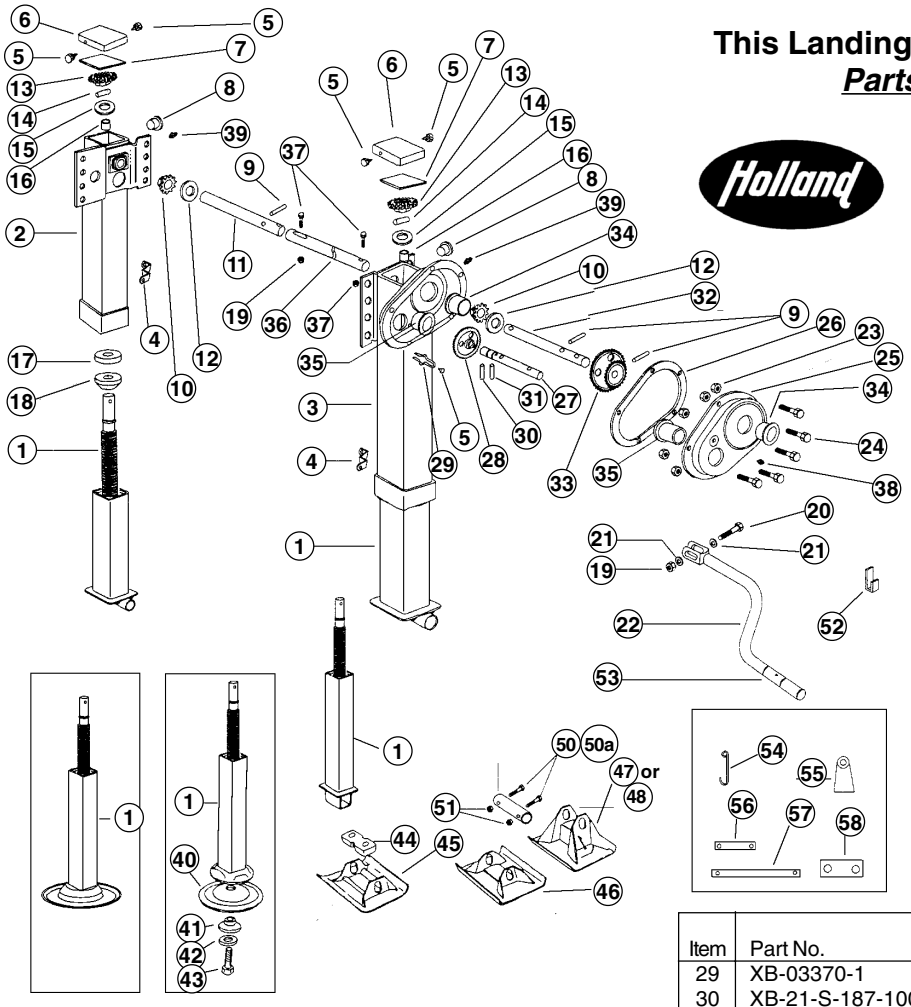
HOLLAND MARK V LANDING GEAR MANUFACTURED AFTER FEB. 1, 1990



Item	Part No.	2 Sp'd Leg	1 Sp'd Leg	Description
1	XA-V-05159-A	1		Drive & gear shaft
2	XA-V-05122-A	1		Drive Gear Shaft
3	XA-V-1920	1		Gearbox cover
4	XB-V-1926	1		Gasket
5	XB-3103	6		Locknut, 1/4"-28
	XB-CX-14-28-F-58	6		HH Capscrew, 104"-28 x 5/8"
6	XB-02065	1	1	Groove pin
7	XA-V-1927	1		Idler gear
8	XA-V-1957	1		Idler gear shaft
9	XA-V-1928-1	1		Step gear (undrilled)
10	XA-V-1928	1		Step gear (drilled)
11	XB-21-S-375-1500	1		Spiral pin 3/8" x 1 1/2"
12	XB-21-S-218-1250	1		Spiral pin 7/32" x 1 1/4"
13	XB-V-1949	1		Shifter Spring
14	XA-V-1929	1		Shifter gear
15	XA-CRP-V-1917	1		Pin, 3/8" x 1 7/16"
16	XB-04112	2	2	Self tapping screw
17	XA-V-03824	1	1	Upper leg cover
18	XB-V-1966	1	1	Gasket
19	XA-V-04204-1	1	1	Bevel pinion
20	XB-FW-25	1	1	Jam nut 1"-14
21	XA-V-04205-1	1	1	Bevel gear
22	XB-V-06630	1	1	Bushing
23	XA-V-05120-0 thru-5		1	1 Inner leg & screw ass'y
24	XA-V-05356-0 thru-5		1	1 Inner leg & screw ass'y (-103 & -105 series)
25	XB-V-747	2	2	Wheel (3 1/2" X 9")
26	XA-V-796-B-1	1	1	Skid foot 12" X 11 1/2"
27	XA-V-1901-2	1	1	Axle (wheel models)
28	XB-21-S-375-3000	2	2	Roll pin, 3/8" x 3"
29	XA-V-1901-1	1	1	Axle (skid foot models)
30	XB-V-851	4		Bushing

Item	Part No.	2 Sp'd Leg	1 Sp'd Leg	Description
29	XA-V-1901-1	1	1	Axle (skid foot models)
30	XB-V-851	4		Bushing
31	XB-V-647	1	1	Thrust bearing
32	XA-V-1913	1	1	Thrust washer
33	XA-V-03876-0 thru -5		1	Outer leg ass'y (2-sp'd)
34	XA-V-03875-0 thru -5			1 Outer leg ass'y (1-sp'd)
35	XA-V-05123-A		1	Drive gear shaft (1-sp'd)
36	1011235		1	Cross shaft (spec. FW)
37	XB-V-444-1	1	1	Hex head cap sc. (3/8"-16 x 1 3/8)
	XB-338	1	1	Lock nut (3/8"-16)
37A	See Item 37	2		(optional)
38	XA-V-90-0	1		Crank assembly
39	XA-V-971	1		Crankshaft bracket (optional)
40	XA-V-1914	1		Crank hanger
41	XB-V-1915	1		Crank hanger (optional)
42	XA-V-1916	1		Extension shaft, long (optional)
43	XA-V-630-2	1		Crankshaft coupling (optional)
44	XB-C-38-C-214	1		Hex Head cap screw 3/8"
45	XB-1108	2		Washer, SAE 3/8"
46	XA-V-1912-1	1		Extension brk't, long (opt.)
47	XB-0140	3		Hex Head cap sc'w 1/4
48	XA-V-1938	1	1	Brace
49	XB-767	3	2	Lube fitting
50	XB-H-32-2	1	1	Woodruff key
51	XB-03816	3	3	Shim (as required)
52	RK-V-07042	1	2	Bearing
53	XA-V-05446-0 thru 5		1	1 Inner leg (Cushion foot)
54	XB-04676	1	1	Cushion pad
55	XA-04681	1	1	Cushion skid foot
56	XB-01789	1	1	Lube plug
57	XB-GP-38-138-5	2		Groove pin 3/8" x 1 3/8"

HOLLAND FORMULA 150 LANDING GEAR



This Landing Gear No Longer Made, *Parts* Are Available!

Chart 2	
Item 1: Inner Leg & Screw Ass'y	
Footware Code	**Part No.**
1	XA-06220-1-1
4	XA-06220-1-4
5	XA-06220-1-4
6	XA-06220-1-4
8	XA-06220-1-4
9	XA-06220-1-9

Part No.LG2191-01 Kit, R.H. Shaft & Gear		
Qty.	**Part No.**	**Desc**
2	XB-KEY-018-02	Woodruff Key
1	LG2125	Tube Spacer
1	XA-02043-1	Cluster Gear
1	LG2126	Spacer
1	XB-PW-016-19	Flat Washer
1	XA-06217	Pinion Gear
2	XB-SP-014-27	Pin Spring
1	XA-06216-A-R	Jack Shaft

Special Note:
Items 1, 2 and 3 listed below and various other items listed here are not stocked and may be special order items

Item	Part No.	Qty. Req'd	Description
1	See Chart 2	2	Inner leg & screw ass'y
2	XA-06215-1L	1	Single speed outer leg
3	XA-06215-1R	1	2-speed outer leg
4	J4890	2	Brace ear
5	XB-04112	5	Self tapping screws
6	XA-LG0880	2	Upper leg cover
7	XB-06219	2	Leg Cover Gasket
8	XB-01789	2	Access plug
9	XB-02065	3	.38" x 1.5" groove pin
10	XA-06217	2	Bevel pinion gear
11	XA-06216-A-L	1	Single speed drive shaft
12	XB-01977		Shims
13	XA-LG0570	2	Bevel gear
14	XB-GP-38-2-E	2	.38" x 2" Groove pin
15	XB-PW-1916-2-18	2	Washer
16	XB-01744-1	2	Bushing
17	XB-V-647-2	2	Thrust bearing
18	XB-LG0544	2	Collar
19	XB-338	3	.38"-16 Locknut
20	XB-02157	1	.38"-16 x 2.5" hex bolt
21	XB-1108	2	.38" flat washer
22	LG2130-07	1	Crank handle ass'y
23	XB-3103	5	.25"-28 locknut
24	XB-CX-14-28-F-58	5	.25"-.62 x .62" hex bolts
25	XA-06224-A	1	Gearbox cover
26	XB-01791	1	Gearbox cover gasket
27	XA-06226-A	1	Crank shaft
28	XA-0306-1	1	Drive cluster gear .88" bore

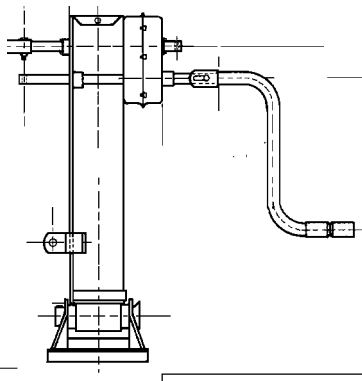
Item	Part No.	Qty. Req'd	Description
29	XB-03370-1	1	Shifter spring
30	XB-21-S-187-1000	1	Roll pin .19" x 1"
31	XA-01792	1	Pin
32	XA-06216-A-R	1	2-speed drive shaft
33	LG2191-01 *(See Above)	1	Driven cluster gear (1" bore)
34	XB-0307-PM	2	Bearing (1" dia.)
35	XB-0308-PM	2	Bearing (.88" diameter)
36	1011235	1	Cross shaft
37	XB-V-444-1	2	.38"-16 x 1.75" hex bolts
38	XB-04113	1	Lube fitting
39	XB-767	2	Lube fitting
40	XA-02709	*	Self leveling foot
41	XA-01779	*	Pivot guide
42	XB-T-45-1	*	.5" lock washer
43	XB-01987	*	.5"-13 x 1.75" hex bolt
44	XB-04676	*	Cushion pad
45	XA-04681	*	2.38' cushion foot
46	XA-02691	*	Skid foot (1.75" high)
47	XA-03337	*	Skid foot (4.5" high) light duty
48	XA-02689	*	Skid foot (4.5" high) std duty
49	XA-V-1901-1	*	Axle
50	XB-06187	4	.38"-16 x .75" hex bolt
50A	XB-06263	4	.38"-16 x 2.5" hex bolt
51	XB-06188	4	.38"-16 thick hex nut
52	XA-V-1914	1	Crank holder
53	XA-01918-1	1	Long crank (opt.)
54	XB-V-1915	1	Crank hanger (opt.)
55	XA-02195	1	Ext. bracket (opt.)
56	XA-02198-2	1	Short ext. shaft (opt.)
57	XA-02198-1	1	Long ext. shaft (opt.)
58	XA-02197	1	Coupling

*See Chart 2

HOLLAND/BINKLEY "CHALLENGER" MODEL 50,000

Holland/Binkley Model 50,000

Leg Set Complete	Leg Set Less Hardware	2 Speed Leg Part No.	1 Speed Leg Part No.	Leg Travel	Comments
LG5001-70K	**LG5001-70S**	**LG5001-72**	**LG5001-71**	17"	Standard Sand Shoe



Model 50,000 Load Capacities Per Pair (In lbs.)	
Ultimate Static Load Over 2 Legs*	**Lateral & longitudinal Strength**
170,000	29,000

*With proper bracing

Specifications

Certification: Meets and/or exceeds all TTMA/AAR specifications.
Lift Cap.: 60,000 lbs with 100 ft. lbs of input torque
Mount: Universal mount - fits inside or outside trailer frame.

A

Landing Gear Dimensions	
Footware	**A**
17" Travel	31.187"

Low Speed Gear Ratio - With Low Speed Gear Ratio of 34.4 turns/inch and high speed of 4.5 turns/inch provides 60,000 lbs. lift capacity at 100 ft./lbs. input torque and quick speed to the ground.

Dependable Warranty - A comprehensive warranty... 5-year parts, 2-year labor.

Massive 5" Upper Housing Structure

Lower Leg - 12% larger than standard duty landing gear.

HOLLAND/BINKLEY "FAST GEAR" MODEL FG4000

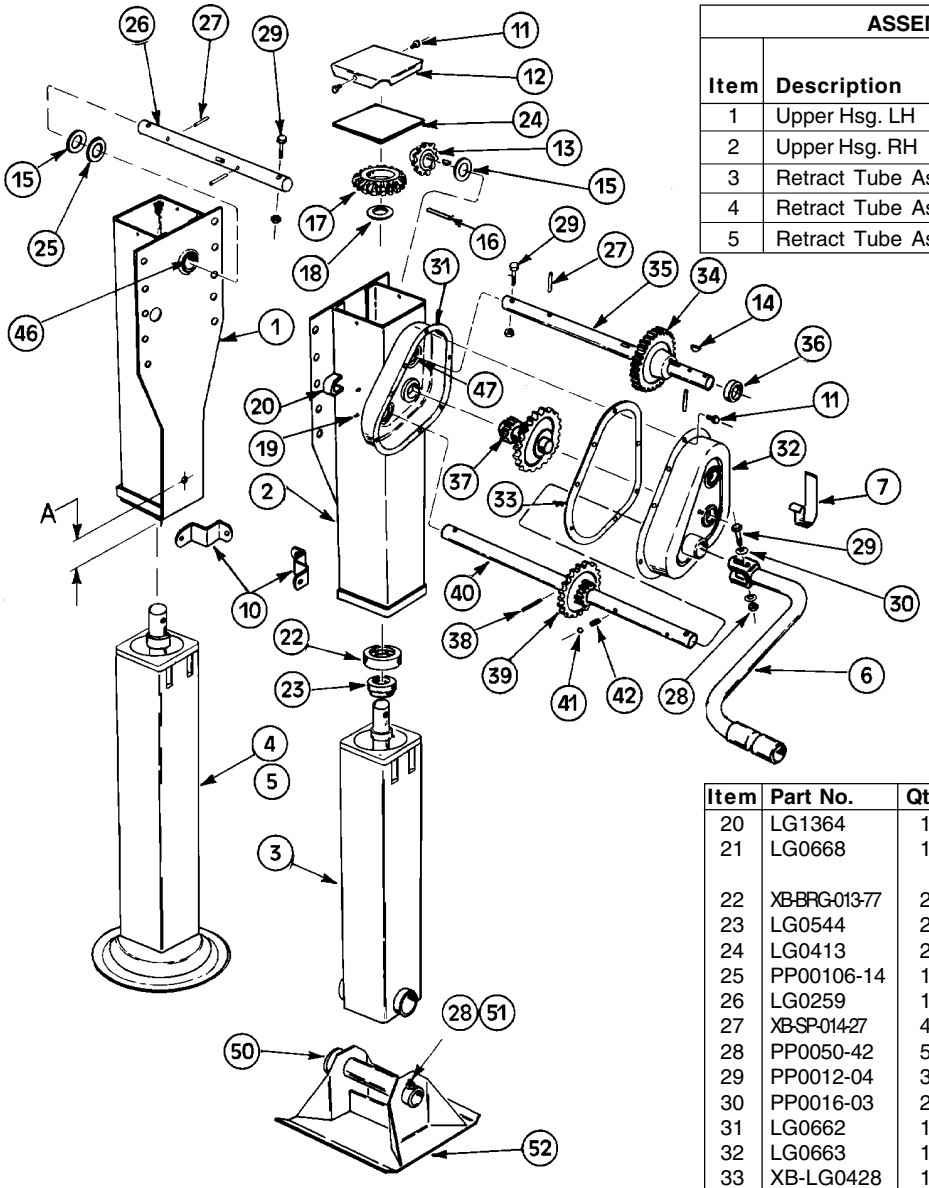
FG4000 Series

Holland's fastest speed, lightest weight, versatile landing gear designed for on highway vans reefers and other standard duty applications where frequent trailer coupling and uncoupling occur. Especially where speed to the ground is important: Grocery fleet, pick up and delivery, etc.

Fast Moving Parts In Stock:

LGO932	Shift Shaft
LG1925	Shift Shaft
LG0944	Gear Box, Half Outside Assembly
LG2242-01	Output Gear
XB-LG0933-01	Input Gear
XB-LG0934	High Input Gear

HOLLAND/BINKLEY MODEL 50,000 LANDING GEAR

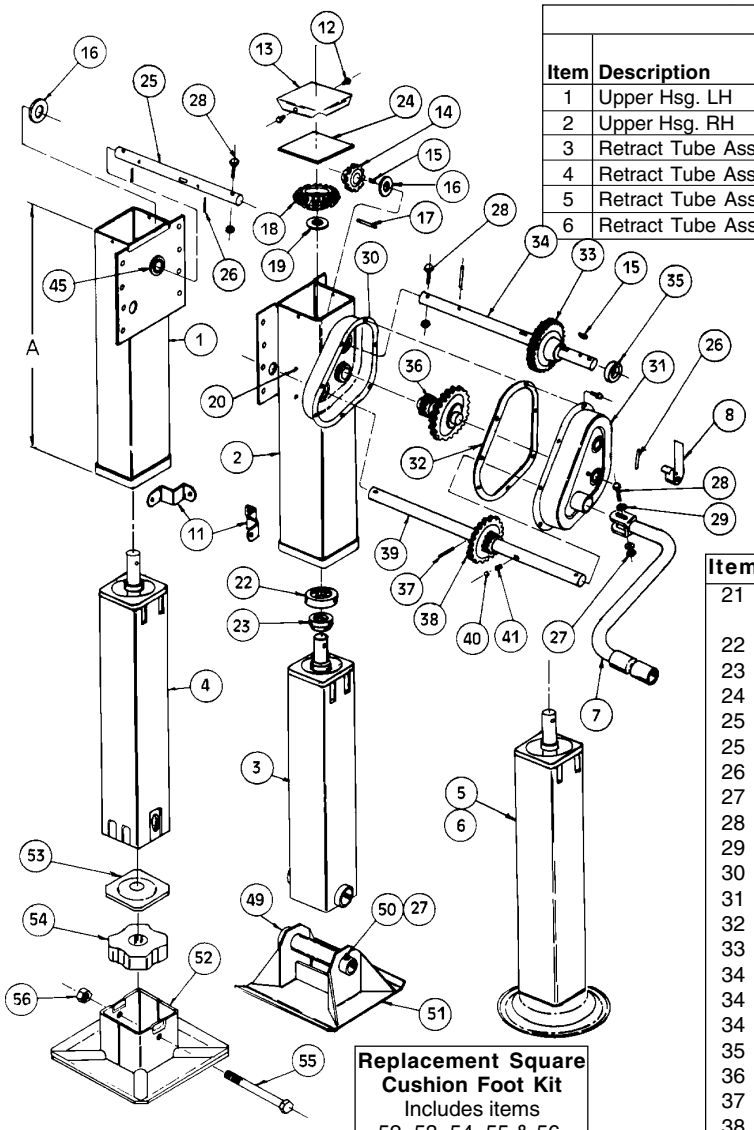


ASSEMBLIES AND COMPONENTS				
Item	Description	17" Travel A=3/4"	13½" Travel A= No Hole	19" travel a=3¼"
1	Upper Hsg. LH	LG0229-02	LG0229-04	LG0229-06
2	Upper Hsg. RH	LG0228-02	LG0228-04	LG0228-06
3	Retract Tube Ass'y	LG0574-02	LG0574-01	LG0574-04
4	Retract Tube Ass'y	LG0569	LG0569-02	LG0569-04
5	Retract Tube Ass'y	LG0580-02	LG0580-01	LG0580-03

Item	Part No.	Qty.	Description
1	See Table	1	Upper Housing, LH
2	See Table	1	Upper Housing, Gearbox Leg
3	See Table	2	Retracting Tube Ass'y
4	See Table	2	Retracting Tube Ass'y, 10" Dia. Shock Foot
5	See Table	2	Retracting Tube Ass'y, 12" Dia. Shock Foot
6	LG0083	1	Universal Crank
7	LG0085	1	Crank hanger
8	LG0094	1	Cross Drive Shaft (not shown)
9	LG0091	4	Strut Brace, not shown
10	J4890	2	Strut Bracket
11	PP0008-11	11	Screw, Cover and Gearbox
12	LG0264	2	Cover
13	LG0531-02	2	Pinion gear
14	XB-KEY-018-02	3	Woodruff Key
15	XB-PW-016-19	2	Thrust Washer
16	XB-GP-052-21	2	Groove pin
17	LG0570-01	2	Bevel Gear
18	PP0016-62	2	Washer
19	PP0022-08	2	Grease Fitting

Item	Part No.	Qty.	Description
20	LG1364	1	Shift Shaft Support
21	LG0668	1	Rubber Seal - Behind Gearbox, not shown
22	XB-BRG-013-77	2	Thrust Bearing
23	LG0544	2	Collar
24	LG0413	2	Cover Gasket
25	PP00106-14	1	Thrust Washer, LH
26	LG0259	1	Jack Shaft, LH, Universal Mount
27	XB-SP-014-27	4	Roll Pin
28	PP0050-42	5	Self-Locking Nut
29	PP0012-04	3	Bolt, Crank & Cross Drive
30	PP0016-03	2	Flat Washer
31	LG0662	1	Gearbox Half, Inside
32	LG0663	1	Gearbox Half, Outside
33	XB-LG0428	1	Gasket
34	LG0543-01	1	Output gear
35	LG0260	1	Jack Shaft RH, Universal Mount
36	LG0219-01	1	Spacer Bushing
37	LG0542-01	1	Idler gear
38	XB-GP-014-07	1	Groove Pin
39	LG0541-01	1	Input Gear
40	LG0261-01	1	Shift Shaft, Universal Mount
40	LG0371-01	1	Shift Shaft, I-Beam Mount
41	XB-BAL-023-07	1	Shift Lock Ball
42	XB-SPG-020-36	1	Shift Lock Spring
43	LG0658	1	Shift Lock Boss (press fit)
44	LG0559	1	Double Step Boss (not shown)
45	LG1570	1	Retainer (not shown)
46	LG0219	1	Bushing
47	LG0660	1	Step Boss G.B. to Hsg. (press fit)
48	LG0659	4	Boss Press Fit - G.B. -not shown)
49	LG0553	1	Gear Box Ass'y, Complete Universal
50	LG0070-02	2	Shoe Axle
51	PP0050-69	2	Hex Head Bolt
52	LG0050	2	Shoe 10" x 12" x 4½"
52	1011229	2	Shoe 10" x 10" x 4½"
52	LG0051	2	Shoe 10" x 12" x 2"
52	LG0056	2	Shoe 10" x 10" x 2"

HOLLAND/BINKLEY MODEL 51,000 LANDING GEAR



Replacement Square Cushion Foot Kit
Includes items
52, 53, 54, 55 & 56.
Part No. LG0048-01

ASSEMBLIES AND COMPONENTS						
Item	Description	13½" Travel A=25-9/16"	15½" Travel A= 26-9/16"	17" travel A=28 1/16"	17" travel A=30 1/16"	19" Travel A=30 1/16"
1	Upper Hsg. LH	LG0888-01	LG0888-04	LG0888-02	LG0888-03	LG0888-03
2	Upper Hsg. RH	LG0950-01	LG0950-04	LG0950-02	LG0950-03	LG0950-03
3	Retract Tube Ass'y	LG0914-01	LG0914-04	LG0914-02	---	LG0914-03
4	Retract Tube Ass'y	LG0884-01	LG0884-05	LG0884-04	LG0884-02	LG0884-03
5	Retract Tube Ass'y	LG0624-07	---	LG0624-10	LG0624-08	LG0624-03
6	Retract Tube Ass'y	LG0624-01	---	LG0624-11	LG0624-02	LG0624-03

Durable Performance - Rated at 140,000 lbs. static load and 13,500 lbs. per leg lateral and longitudinal strength for extended service life, less maintenance and reduced downtime.

Low Speed Gear Ratio - With Low Speed Gear Ratio of 34.4 turns/inch and high speed of 4.5 turns/inch provides 50,000 lbs. lift capacity at 100 ft./lbs. input torque and quick speed to the ground.

Dependable Warranty - A comprehensive warranty... 5-year parts, 2-year labor.

Item	Part No.	Qty.	Description
1	See Table	1	Upper Housing, LH
2	See Table	1	Upper Housing, Gearbox Leg
3	See Table	2	Retracting Tube Ass'y
4	See Table	2	Retracting Tube Ass'y - R.C.F.
5	See Table	2	Retracting Tube Ass'y, 10" Dia. S. F.
6	See Table	2	Retracting Tube Ass'y, 12" Dia. S. F.
7	LG0083	1	Universal Crank
8	LG0085	1	Crank hanger
9	LG0094	1	Cross Drive Shaft (not shown)
10	LG0091	4	Strut Brace, not shown
11	J4890	2	Strut Bracket
12	PP0008-11	11	Screw, Cover and Gearbox
13	XA-LG0880	2	Cover
14	LG1823-01	2	Pinion gear
15	XB-KEY-018-02	3	Woodruff Key
16	XB-PW-016-19	2	Thrust Washer
17	XB-GP-052-21	2	Groove pin
18	LG0570-01	2	Bevel Gear
19	PP0016-62	2	Washer
20	PP0022-08	2	Grease Fitting
21	LG0668	1	Rubber Seal - Behind Gearbox, not shown

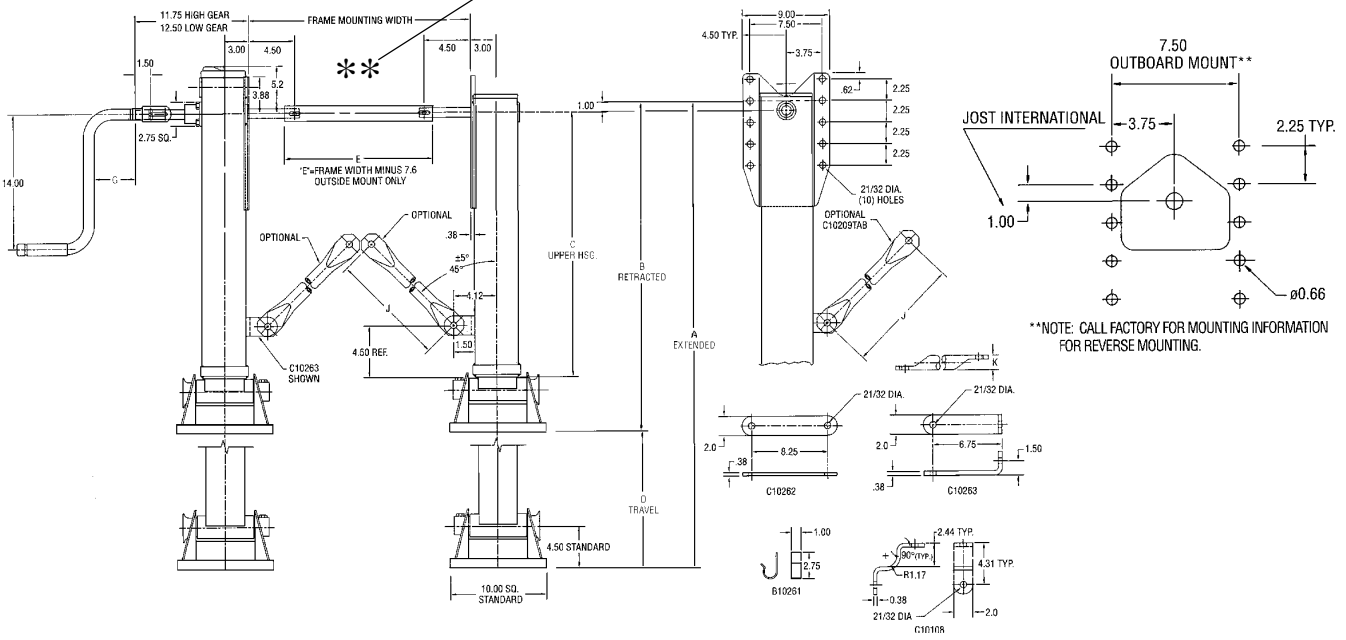
Item	Part No.	Qty.	Description
21	LG0668	1	Rubber Seal - Behind Gearbox, not shown
22	XB-BRG-013-77	2	Thrust Bearing
23	LG0544	2	Collar
24	LG0893	2	Cover Gasket
25	LG0927	1	Jack Shaft, LH, Universal Mount
25	LG0946	1	Jack Shaft, LH, I-Beam Mount
26	XB-SP-014-27	4	Roll Pin
27	PP0012-04	5	Self-Locking Nut
28	PP0050-42	3	Bolt, Crank & Cross Drive
29	PP0016-03	2	Flat Washer
30	LG0662	1	Gearbox Half, Inside
31	LG0663	1	Gearbox Half, Outside
32	XB-LG0428	1	Gasket
33	LG0543-01	1	Output gear
34	LG0928	1	Jack Shaft RH, Universal Mount
34	LG0947	1	Jack Shaft RH, I-Beam Mount
34	LG0949	1	Jack Shaft RH, Reverse Mount
35	LG0219-01	1	Spacer Bushing
36	LG0542-01	1	Idler gerar
37	XB-GP-014-07	1	Groove Pin
38	LG0541-01	1	Input Gear
39	LG0261-01	1	Shift Shaft, Universal Mount
39	LG0371-01	1	Shift Shaft, I-Beam Mount
40	XB-BAL-023-07	1	Shift Lock Ball
41	XB-SPG-020-36	1	Shift Lock Spring
42	LG0658-01	1	Shift Lock Boss (press fit, not shown)
43	LG0559	1	Double Step Boss (not shown)
44	LG1570	1	Retainer (not shown)
45	LG0219	1	Bushing
46	LG0660	1	Step Boss G.B. to Hsg. (press fit)
47	LG0659-01	4	Boss Press Fit - G.B. (not shown)
48	LG0553-25	1	Gear Box Ass'y, Complete Universal Mount (not shown)
49	LG0070-02	2	Shoe Axle
50	PP0050-69	2	Hex Head Bolt
51	LG0050	2	Shoe 10" x 12" x 4½"
51	LG0055	2	Shoe 10" x 10" x 4½"
51	LG0051	2	Shoe 10" x 12" x 2"
51	LG0056	2	Shoe 10" x 10" x 2"
52	LG0718-01	2	Removable Cushion Foot, 10" Dia.
52	LG0740-01	2	Removable Cushion Foot, 12" Dia.
52	LG0732-01	2	Removable Cushion Foot, 10" x 10"
53	LG0725	2	Cushion Foot Plate
54	LG0726	2	Cushion Foot Rubber
55	PP0050-70	2	Hex Head Bolt
56	PP0012-10	2	Hex Head Nut

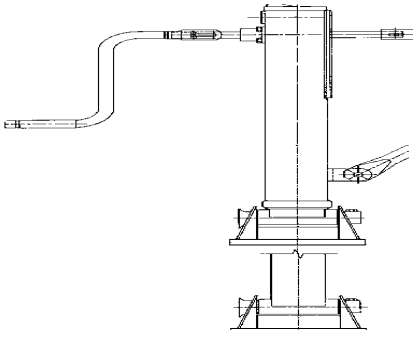
JOST PART NUMBERS AND SPECIFICATIONS

JOST

Leg Set Complete	Leg Set Less Hardware	2 Speed Leg Part No.	1 Speed Leg Part No.	Leg Travel	Footware
Model A400 Square Leg Outside Mount					
A400-G-17K	**A400-G-17S**	**A400-G-17RH**	**A400-G-17LH**	17"	10" x 10" Cushion Foot
A400-T-17K	**A400-T-17S**	**A400-T-17RH**	**A400-T-17LH**	17"	10" x 10" x 4 1/2" Sand Shoes
A400-T-19K	**A400-T-19S**	**A400-T-19RH**	**A400-T-19LH**	19"	10" x 10" x 4 1/2" Sand Shoes
Model A401 Square Leg Inside Mount					
A401-G3-17K	**A401-G3-17S**	**A401-G3-17LH**	**A401-G3-17RH**	17"	Low Profile Cushion Foot
A401-T-14K	**A401-T-14S**	**A401-T-14RH**	**A401-T-14LH**	14"	10" x 10" x 4 1/2" Sand Shoes
A401-T-14K	**A401-T-14S**	**A401-T-14RH**	**A401-T-14LH**	14"	10" x 10" x 4 1/2" Sand Shoes
A401-T1-17K	**A401-T1-17S**	**A401-T1-17RH**	**A401-T1-17LH**	17"	10" x 10" x 2" Sand Shoes

The Jost landing gear meets all AAR and TTMA specifications
**Note: The gearside leg is taller than the non-gearside leg.

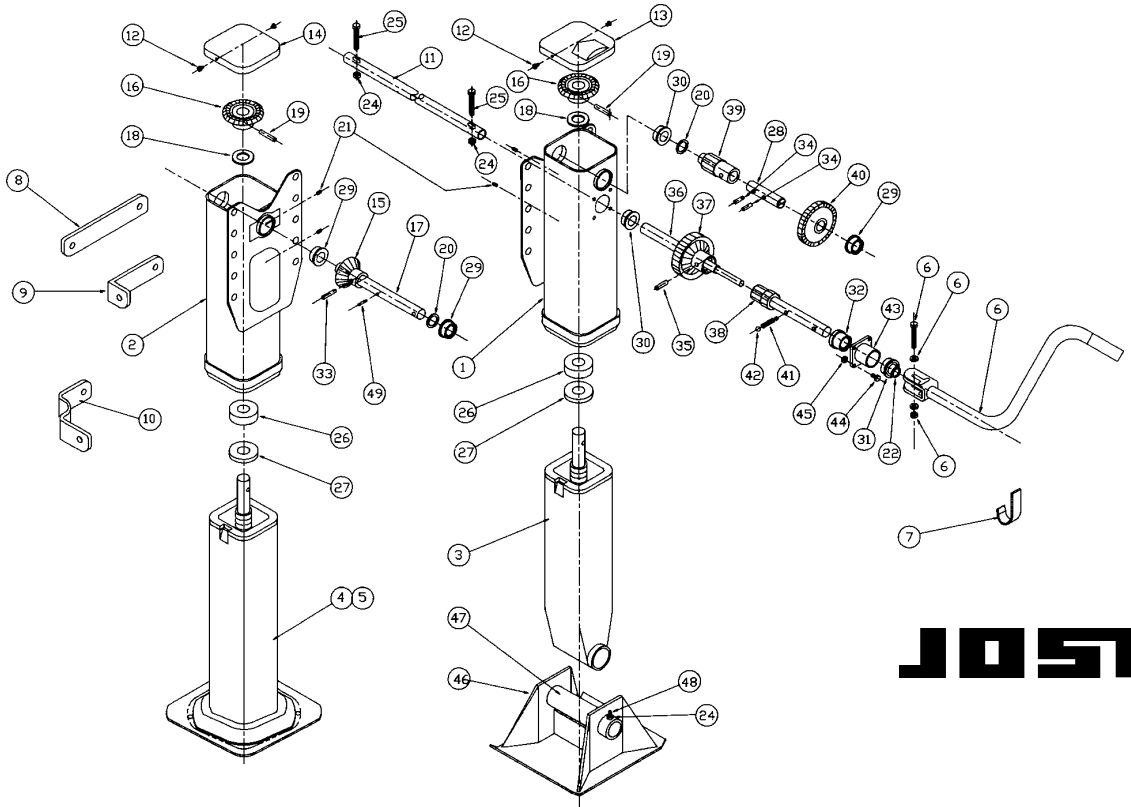




Load Capacities Per Pair:			
Lifting Capacity: 50,000 lbs.			
Static Load Capacity: 160,000 lbs.			
Side Load Capacity: 29,000 lbs.			
Travel Option Dimensions			
D	**A**	**B**	**C**
Travel	Extended	Retracted	Upper Hsg.
14"	42 5/8"	28 5/8"	21 5/16"
17"	48 5/8"	31 5/8"	24 5/16"
19"	52 5/8"	33 5/8"	26 5/16"

***Note: The gearside leg is taller than the non-gearside leg by 2.79" in overall length of the entire housing.*

JOST LANDING GEAR



Item	Part No.	Qty.	Description
1	See Table	1	Outer Housing, 2 Speed
2	See Table	1	Outer Housing, 1 Speed
3	See Table	2	Inner Leg Ass'y, Standard
4	See Table	2	Inner Leg Ass'y, 10" Cushion
5	See Table	2	Inner Leg Ass'y, 10" Cushion
6	C10067.2	1	Standard Craml w/Hardware
7	B10261	1	Crank hanger
8	C10262	2	Brace Lug, Flat
9	C10263	2	Brace Lug - 90 Degree
10	C10108	2	Brace Lug - W
11	B10066	1	Intermediate Cross Shaft
12	A10059.1	4	Cover Screw
13	C10217	1	Cover - 2 Speed
14	C10259	1	Cover - 1 Speed
15	C10177	1	Pinion Gear
16	C10155	2	Bevel Gear
17	B10130	1	Pinion Shaft - 1 Speed
18	A10102	2	Thrust Washer
19	A10052.3	2	Grooved Pin
20	A10218	2	Spacer Washer
21	A10040	4	Grease Fitting
22	A10283	1	Grease Seal
23	C10209	4	Strut Brace (not shown)
24	A10038.7	4	Self Locking Nut
25	A10037.1	2	Cross Shaft Bolt - 3/8" x 2" Gr5
26	A10033	2	Thrust Bearing

Item	Part No.	Qty.	Description
27	A10101	2	Collar
28	A10212	1	Output Shaft
29	A10255	3	Bushing
30	A10255	2	Bushing
31	A10249	1	Detent Bushing
32	A10247	1	Bushing
33	A10054.3	1	Roll Pin - 3/8" x 1 1/2"
34	A10260.1	2	Spiral Pin
35	A10054.7	1	Roll Pin - 3/8" x 1 3/4"
36	B10236	1	Output Cluster Shaft
37	C10234	1	Output Cluster gear
38	C10233	1	Input Gear Shaft
39	C10078	1	Output Spur Gear
40	C10085	1	Input Spur Gear
41	A10049	1	Detent Spring
42	A10048	2	Detent Ball
43	B10229S	1	Shift Housing
44	A10230	4	Shift Housing Bolt
45	A10038.6	4	Self Locking Nut
46	C10035	2	Shoe - 10" x 10" x 4 1/2" Standard
46	C10135	2	Shoe - 10" x 10" x 2"
46	C10256	2	Shoe - 10" x 12" x 4 1/2"
46	C10257	2	Shoe - 10" x 12" x 2"
47	B10036	2	Shoe Axle
48	A10037.3	2	Hex head Bolt
49	A10054.6	2	Roll Pin - 1/4" x 1 1/4"

COMPONENT ASSEMBLIES

Item	Part No. 14" Travel	17" travel	19" travel	Description
1	D10201.1	D10201.2	D10201.3	Outer Housing, 2 Speed
2	D10116.1	D10116.2	D10116.3	Outer Housing, 1 Speed
3	C10140.1	C10140.2	C10140.3	Inner Leg Ass'y, Standard
4	C10146.1	C10146.2	C10146.3	Inner Leg Ass'y - 10" Cushion
5	C10254.1	C10254.2	C10254.3	Inner Leg Ass'y - 12" Cushion

LIGHT DUTY COMMERCIAL JACKS AND LANDING GEAR

Full Crank Jack With "Twin Pin" Drop Leg

Part No.:	LGD700-212
Static Load Capacity:	20,000 lbs.
Lift Capacity: (50 ft./lbs. torq. input)	6,000 lbs.
Lift Capacity: (100 ft./lbs. torq. input	12,500 lbs.
Retracted Length:	24 3/8"
Extended Length:	50 3/8"
Crank Travel:	12"
Drop Leg Travel: (Holes on 2" centers)	14"
Foot Pad:	9" x 9"
Weight	50 lbs.

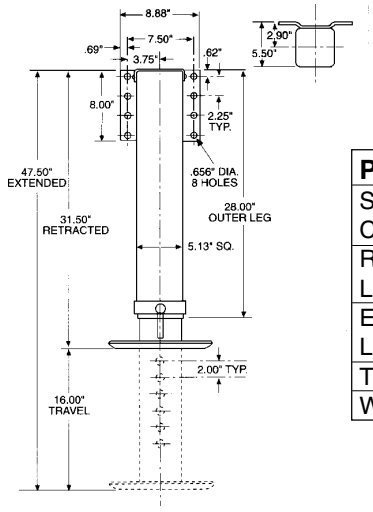
Full Crank Jack

Part No.:	LG9700-71000018
Static Load Capacity:	15,000 lbs.
Lift Capacity:	10,000 lbs.
Retracted Length:	25.125"
Extended Length:	42.125"
Crank Travel:	17"
Foot Pad:	8" x 10"

Converter Dolly Jacks

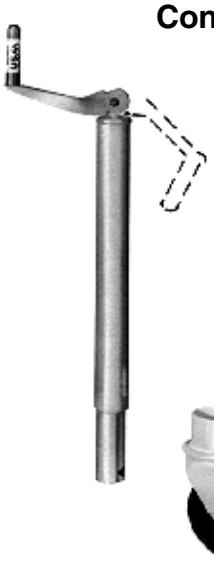
Part No.:	JS-300-J
Static Load Capacity:	1,200 lbs.
Retracted Length:	29.4"
Extended Length:	44.4"
Wheel Size:	5"x2" *Steel*
Weight	Approx. 36 lbs.
Part No.:	**JS-300-JR**
Static Load Capacity:	500 lbs.
Retracted Length:	29.4"
Extended Length:	44.4"
Wheel Size:	5"x2" *Plastic*
Weight	Approx 34 lbs.
Part No.:	**XA-V-350**
Wheel Assembly Only	

Heavy Duty Drop Leg



Part No.:	JS95-S
Static Load Capacity:	25,000 lbs.
Retracted Length:	31.5"
Extended Length:	47.5"
Travel:	16"
Weight	54 lbs.

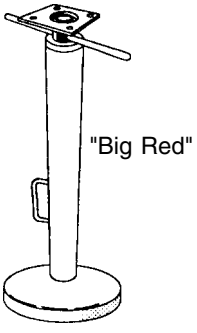
Converter Dolly Jack



Jack Assembly	
Part No.:	**1014680**
Rated Capacity:	5,000 lbs.
Retracted Length:	21.875"
Extended Length:	35.875"
Wheel Size:	Less Wheel

Caster Assembly	
Part No.:	**1014681**
Static Load Capacity:	1000 lbs.
Wheel Size:	6" Duraplas

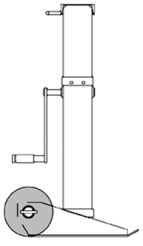
Load Stabilizer Jacks



"Big Red"

Part No.:	1010181
Static Load Capacity	40,000 lbs.
Retracted Length:	44"
Extended Length:	51"
Weight	Approx 35 lbs.

14" Diameter Base, 3" Diameter Pipe. Meets OSHA requirements for stabilizing trailers while loading and unloading.

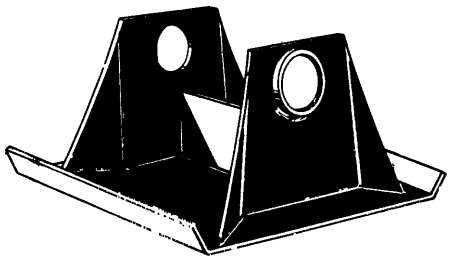


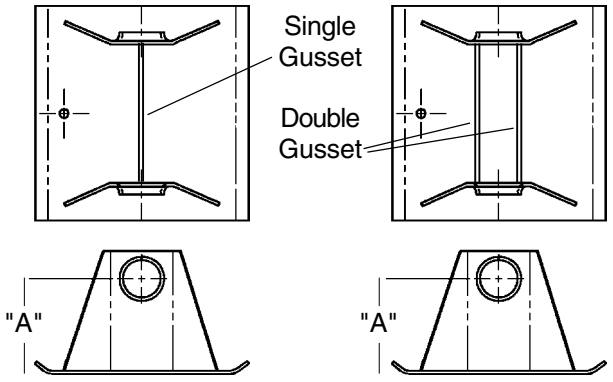
Part No.:	JS-2000
Static Load Capacity	62,500 lbs.
Lift Capacity w/ 100ft lbs	8,000 lbs.
Crank Turns per inch	2.5
Top Pad Size	6" X 20"
Base Pad Size	12 X 18"
Wheel Size	9" diameter

Meets OSHA requirement 1910.178 k 3.

FABRICATED LANDING GEAR PARTS

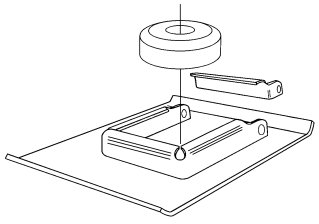
Sandshoes





Part No.	Description	Ground Contact	Gussets	"A"
J4836-3	Low profile, 7 ga. sides and base, flared axle holes	10" x 10"	None	1.75"
1011231	HD low profile, .25" sides and base Steel reinforced axle holes	10" x 12"	None	1.75"
1011225	7 ga. sides and base, flared axle holes	10" x 10"	1	4.37"
1011226	7 ga. sides and base, flared axle holes	10' x 12"	1	4.37"
1011229	7 ga. sides and base, flared axle holes	12" x 12"	2	4.37"
1011230	Extra HD, .25" sides and base, steel reinforced axle holes	10' x 10"	2	4.37"

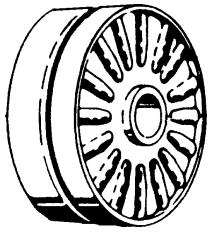
Special Cushion Foot Kit



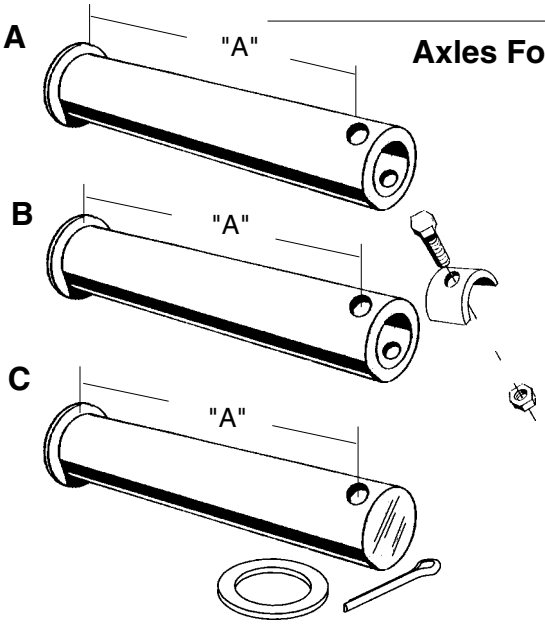
Replacement for complete shoe on Fruehauf legs. Original equipment on Kysor/Westran.
10" x 10" ground contact.
Complete with rubber cushion, nuts and bolts.
Part No. 716052

Standard Wheel

9" Diameter Wheel
Part No.1011222
Steel



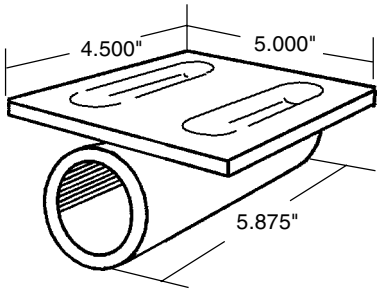
Axles For Sandshoes and Wheels



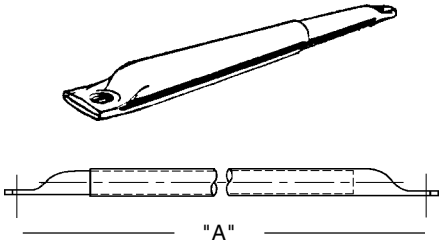
Type	Part No.	Description	Dim. "A"
		SHOE AXLES	
A	**1011221**	Axle with end cap, sch 40.	8.125"
B	**1011223**	Axle with end cap, sch 80.	8.125"
B	**1011223-HD**	Axle, heavy duty, with end cap, with 1011217 clip	8.125"
C	**1011232**	Solid axle with end cap, with cotter pin and washer.	7.875"
C	**1011219**	Solid axle with end cap, with cotter pin and washer.	14.875"
		WHEEL AXLE	
-	**1011218**	Axle with bolt and nut (use w/ 1011222)	15.000"

FABRICATED LANDING GEAR PARTS

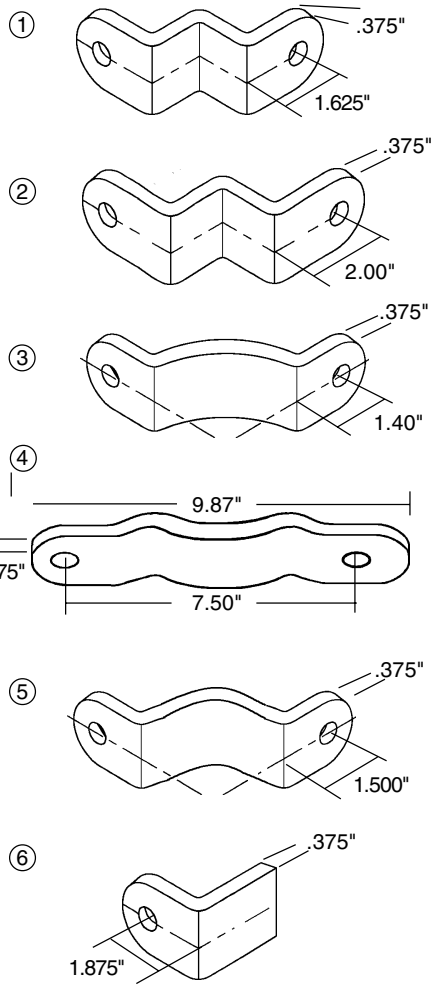
Part No.	Description
1190043	Axle Housing



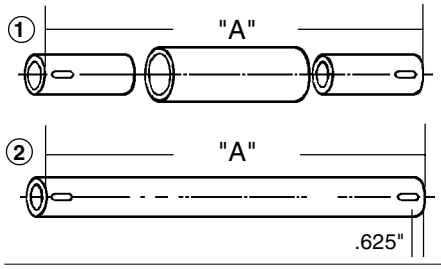
Standard Duty 2 Piece Adjustable Braces	
Part No.	**"A" Dimension**
1012589	26" to 41"
1012590	42" to 57"
1190656	58" to 72"
Inner Tube	1.50" O.D.,
Outer Tube	1.75" Sched 40 Pipe



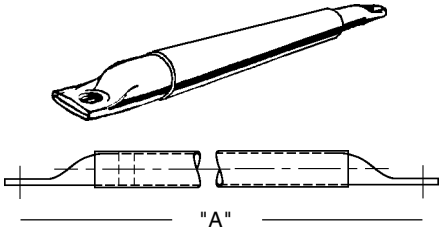
Brace Lugs		
Item	**Part No.**	**Application**
1	**J4890**	For Square Leg
2	**1190554**	For Square Leg
3	**J4154**	For Round Leg
4	**1011242**	For Round Leg
5	**XA-V-1938**	Holland Mark V
6	**1011244**	Universal
-	**C10108**	Jost 90°



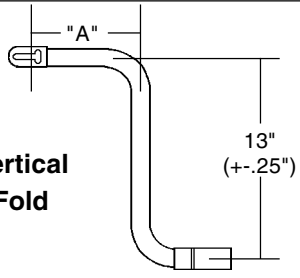
Cross Shafts		
Item	**Part No.**	**Description**
1	**9260-3**	"A"= 53" to 72" 3 Pc.
Inner Tube Dia. 1.25" O.D.		
Outer Tube Dia. 1.50" O.D.		
1 Piece Solid Cross Shaft		
Item	**Part No.**	**Description**
2	**1011235**	"A"=69" Fixed L'gth



Heavy Duty 2 Piece Adjustable Braces	
Part No.	**"A" Dimension**
1012591	26" to 41"
1012592	35" to 54"
1011233	56" to 72"
Inner Tube	2.0" O.D.,
Outer Tube	2.0" Sched 40 Pipe



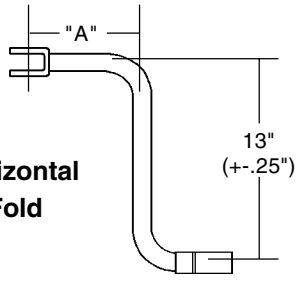
Crank Handles	
Part No.	**"A"Dim. (Approx.)**
1014438	7.37"
XA-V-90-0**	11.00"
1014439	11.00"
1014445	15.87"
1014440	21.00"



Vertical Fold

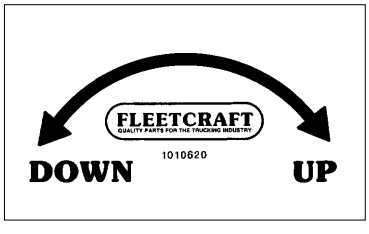
**Rectangular hole for crankshaft
Other Lengths In Stock

Crank Handles	
Part No.	**"A"Dim. (Approx.)**
1014442	7.37"
1014444	12.00"



Horizontal Fold

Crank Direction Decals 3" X 5.50"	
Part No.	**Description**
1010620	"UP" Right Side (Shown)
1010621	"UP" Left Side



FABRICATED LANDING GEAR PARTS

Grain Hopper Gearbox
Kwik Shift Constant Mesh
Gear Box
Part No. 742119

TIMPTE STYLE

Grain Hopper Gearbox
Kwik Shift Constant Mesh
Gear Box
Part No. 742089

Square Shift

WILSON STYLE

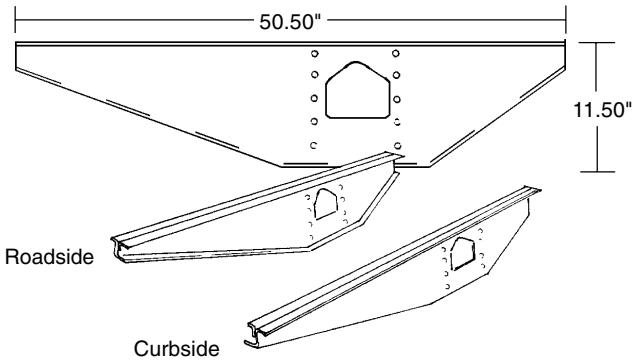
Grain Hoper Gearbox
Kwik Shift Constant Mesh
Gear Box
Part No. 741085

SHORT SHAFT

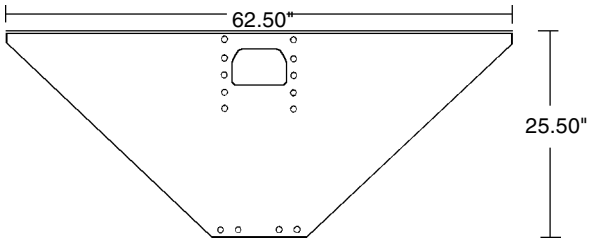
Landing gear Bolt Kit Enough Bolts For One Leg Installation	
Part No.	**Description**
1157014	Ten (10) 5/8"-18 x 1½" grade 5 hex bolts
	With nylon inset lock nuts

Austin-Westran LLC

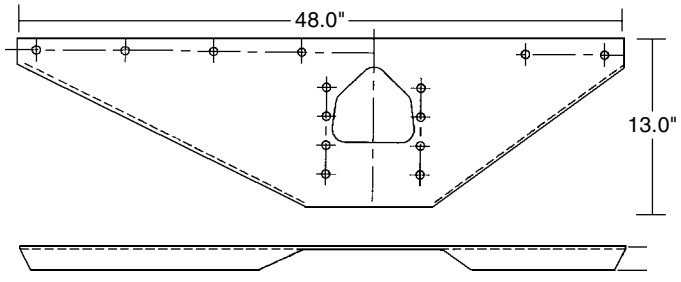
FABRICATED LANDING GEAR PARTS



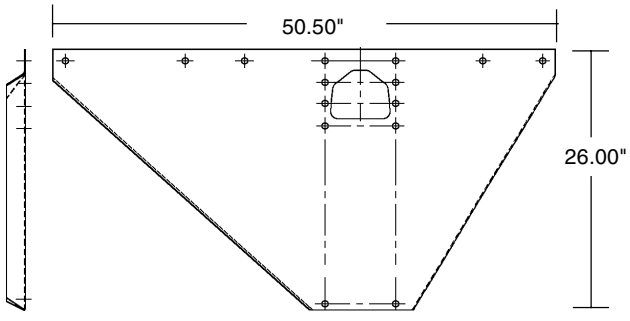
Landing gear Bracket Replacement For Trailmobile	
Part No.	**Description**
1190544-RS	Roadside (Shown)
1190544-CS	Curbside



Landing gear Bracket Replacement For Trailmobile	
Part No.	**Description**
1190545	Universal

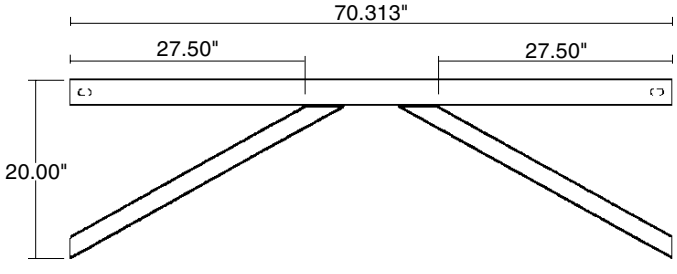


Landing gear Bracket Replacement For Great Dane	
Part No.	**Description**
1190540	Roadside (Shown)
1190541	Curbside

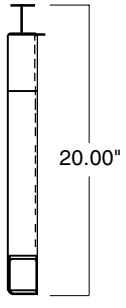


Landing gear Bracket Replacement For Pines	
Part No.	**Description**
1011238	Roadside (Shown) Pines PILGB1315R)
1011239	Curbside Pines PILGB1315L

WABASH STYLE UNIVERSAL K-BRACE

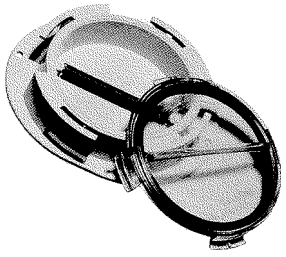


Univeral K-Brace For 102" Trailer
Part No. 1190660
Wabash Style Primered BlackWith Holes



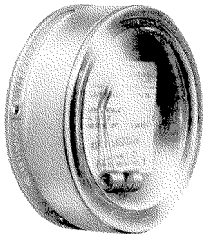
DOCUMENT HOLDERS

Truck-Lite



Plastic Document Holder	
Made of chemical resistant high impact plastic. Cover is smoked polycarbonate and includes permantly adhered gasket. Moisture resistant.	
Part No.	**Size**
TL97960	5.86" x 5.22" x 1.85"

Betts

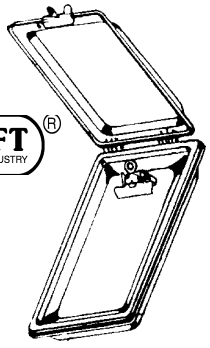


Lexan Certificate Holder	
Surface mount, with spring retainer, tough Lexan body and lens.	
Part No.	**Size**
820012	$4^{7}/_{8}$" x $5^{7}/_{8}$" x $1^{5}/_{8}$"

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Document Holder		
Rugged aluminum extruded one piece holder with 4 hole mount Railroad approved.		
Part No.	**Dia.**	**Length**
1011536	$1^{5}/_{8}$"	7"
Rubber End Plugs		
1011536-1	--	--

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

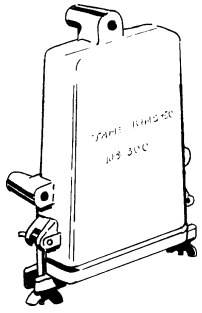


Aluminum Manifest Box	
Mill finish aluminum with stainless steel hardware. Top closes into foam gasket, keeping contents dry. Three 1/4" mounting holes.	
Part No.	**Size**
1011535	$8^{3}/_{8}$" x $13^{3}/_{8}$" x $1^{1}/_{2}$"

Grote

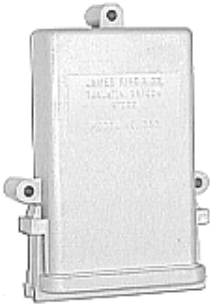
Permit Holder	
Laminated for all weather protection. Sealing zipper for easy insertion of paper. Four mounting holes with grommets for easy mounting.	
Part No.	**Size**
GR43411	6" x 9"

KING



Diecast Aluminum Security Box	
Convenient waterproof storage licenses, permits, maintenance records, titles and registration papers. Clipboard size: $3^{1}/_{2}$" x $5^{1}/_{4}$" **Lid available under Part No. JK300L.**	
Part No.	**Size**
JK300	$5^{1}/_{4}$" x 7" x 2"

KING



Model 350 Security Box	
Space age "Xenoy" construction. Waterproof proctection for titles, licenses, vehicle inspection certificates, etc. Enclosure size: $3^{1}/_{2}$" x 5" x 1"	
Part No.	**Size**
JK350	$5^{1}/_{4}$" x 7" x 2"

KING

Model 500 Record Box	
Waterproof protection for all permits, manifects, logs and registrations. Heavy duty high impact plastic. Inside size: 10" x 14".	
Part No.	**Size**
JK500	$11^{1}/_{2}$" x 16" x 2"

KING

Model 550 Record Box	
Thin box. Will mount on side of exterior post trailer or container without exceeding width limit. Inside size $9^{1}/_{2}$" x $12^{1}/_{4}$" x 3/4". High impact plastic. **Lid Part No. JK550L.**	
Part No.	**Size**
JK550	10" x 15" x $1^{1}/_{4}$"

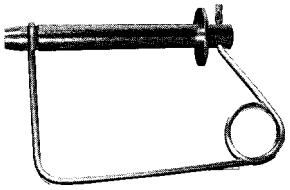
TRAILER BODY PARTS ACCESSORIES

Grote

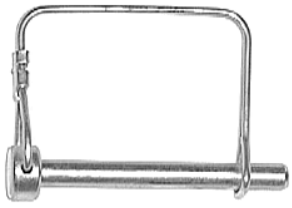
Permit Holder	
Formed rust-proof housing with vinyl pouch with self sealing zipper for easy insertion of paper. Easy mounting. Frame O.D. $4^{7}/_{8}$" x $7^{3}/_{16}$".	
Part No.	**Window Size**
1010248	$3^{7}/_{8}$" x $5^{1}/_{8}$"

Skylights are molded in one piece from shatter-proof translucent fiberglass reinforced plastic. Supplied complete with self-sealing rubber grommet. For installation into 12" or $16^{3}/_{16}$" diameter holes. Easy snap-in installation with grommet cord.

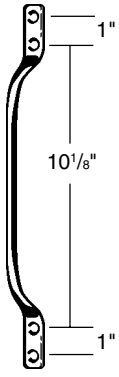
Size	Part No.
12"	**1031143**
16"	**1013055**



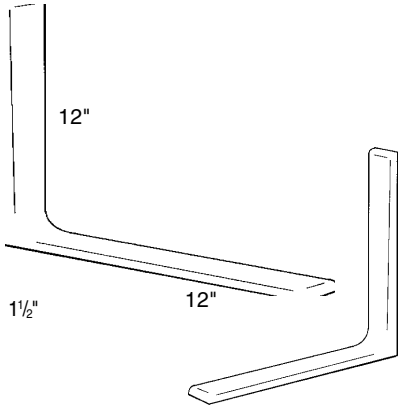
Tempered Spring Steel Snap-Lock Pins For Anti-Nose Dive Legs Other Miscellaneous Uses		
Part No.	**Dia.**	**Usable Length**
1012039-1/2	1/2"	$3^{1}/_{2}$"
1012039-5/8	5/8"	4"
1012039-3/4	3/4"	4"



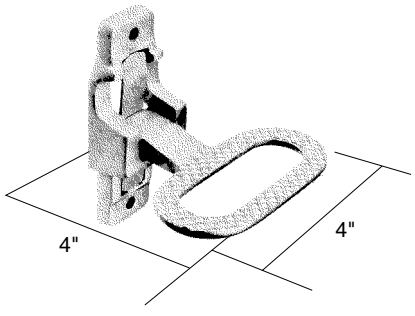
Stainless Steel Lock Pin		
Part No.	**Dia.**	**Usable Length**
1012040	5/16"	$2^{1}/_{2}$"



Chrome Grab Handle
1/2" diameter steel rod. 13" overall 2" high, with 7" grab. Drilled and countersunk for 1/4" screws. Commercial chrome finish. **Part No. 1014218**



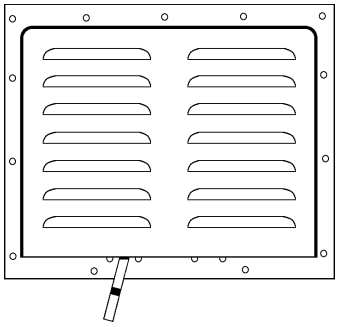
Corner Reinforcement	
Heavy duty drop forged corner iron.	
Part No.	**Size**
1010083	12" x 12" x $1^{1}/_{2}$"



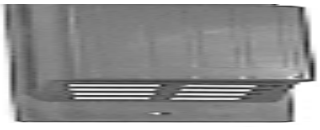
Folding Step
Investment cast, folding grab or step, zinc plated. Stainless spring holds step in open or closed position. Non-skid step surface. Four inches wide, extends 4 inches when unfolded. **Part No. 1032157**

Buyers PRODUCTS COMPANY

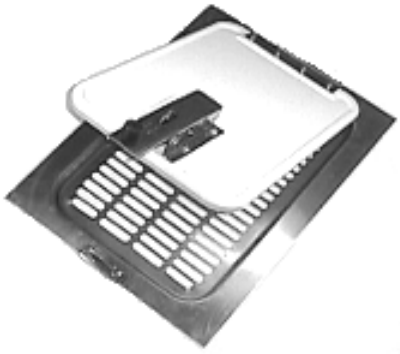
TRAILER BODY PARTS ACCESSORIES



Adjustable Vent	
Aluminum. Fits 11 1/4" x 9 1/2" opening. Lever allows adjustment of air flowing through four 2" diameter holes.	
Part No.	**Size**
1024359	12 1/4" x 10 1/2"



Container Vent	
Plastic. Three hole mounting, vents angled on one side.	
Part No.	**Size**
1310520	8 1/8" x 2 11/16"



Vent Door Assembly	
White double sealed foamed door with aluminum frame with screen.	
Door Ass'y Part No.	**1105449**
Door Latch Only	**1105450**
Outside Frame Flange	20" x 15"
Panel Cutout	17 1/2" x 11 5/8"
Door Opening	16 7/8" x 11 5/16"

Tire Carriers	
Heavy duty 12 gauge formed steel. Black primer finish. Accomodates tires up to 11.00 x 22.00. Available assembled or unassembled. Chain and clip included.	
Description	**Part No.**
Assembled	**1010323**
Unassembled	**1011590**
Chain & Clip Ass'y	**C-2325**

Nash Style Spare Tire Carrier Mounting Kit

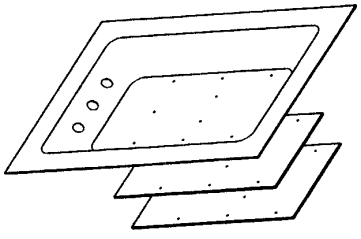
- Black Primer finish
- Includes zinc plated hardware
- Enable installation to I-Beam crossmembers

Part No. 981-00055

Recessed Gladhand and Electrical Mounting Pans

Recessed pans for use on trailer front ends to recess and protect manifest boxes, gladhands and other front end fixtures. Manufactured from molded ABS material or formed aluminum.

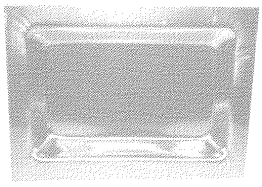
PAN "A"
.063 aluminum
with back plate



Pan "A"

Part No.	Thickness	Bottom of cavity	Cutout Size	Overall	Flange	Draft	Application/Replaces
1206116	2 1/2"	10" x 17"	13" x 20"	17" x 23"	2 1/4"	10°	Dorsey

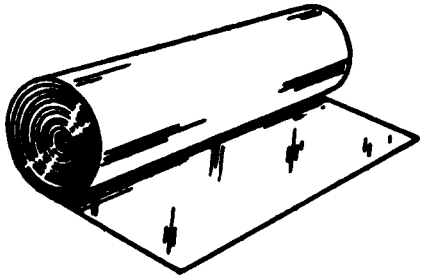
PAN "B"
.063 Aluminum



Pan "B"

Part No.	Thickness	Bottom of cavity	Cutout Size	Overall	Flange	Draft	Application/Replaces
1206117	2 1/4"	9 3/4" x 16 3/4"	12 1/2" x 19 5/8"	18" x 25"	2 1/4"	10°	Dorsey

TRAILER ROOF COIL



Approximate weight per running foot
103" Wide Coils: 4.90 lbs.

Master Coils	
.040 Thickness, 303H16	
Width	Part No.
103"	**040X103**

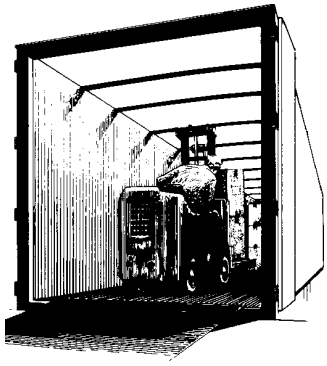
Master coils are aluminum trailer roof coil in bulk quantities and are sold by the pound. They vary in weight, with most coils weighing approximately 4000 pounds. This makes a 103" coil approximately 829 feet long.

Cut To Length Coils .040 Thick, 3003H16	
103" Wide	
29'	**1164512**
49'	**1164514**
54'	**1164517**

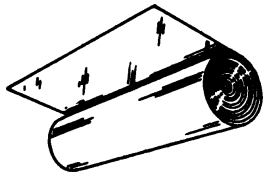
TRANSLUCENT GLASBORD ROOF PANELS

Kemlite®
TRANSLUCENT
GLASBORD ROOF PANELS
Fiberglass .060 & .075 thick roof material in precut coils. 102" wide.

Length	Part No.
28'	**NL060X102X28**
29'	**NL075X102X29**
50'	**NL075X102X50**
54'	**NL075X102X54**
29'	**NL075X102.5X29**
54'	**NL075X102.5X54**



Master Coils	
.075 Thickness : 500 FT	
Width	Part No.
102"	**NL075X102XMC**



KEMLITE TRANSLUCENT ROOF REPAIR KITS

Kemlite®

Kemlite Roof repair Kit **Part No. 1164524**	
CONTENTS:	
1	Quart of T-Mix
1	Tube of catalyst (1/2 Oz.)
1	2' x 4' piece of chopped strand mat
1	3' x 4' piece of embossed film
1	3' x 4' piece of smooth film
2	Mixing cups (1 pint)
2	Squeegees
2	Mixing sticks
1	Pair of gloves

Kemlite SunPatch® Fiberglass Repair Kit

Repairs small tears and punctures (12X12)
Cures in 10 minutes after exposure to UV rays
Works in hot or cold climates (0 - 100 degrees F)
No mixing of resin required.

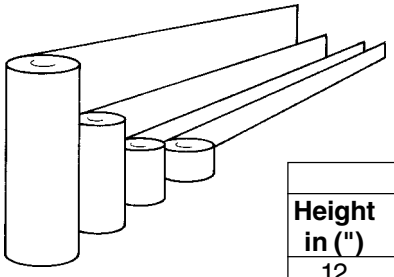
Kit contains 1patch , 1 squeegee, 2 gloves, application instructions, and one MSDS sheet.
Part No. 1164530

FIBERGLASS SCUFFPLATE

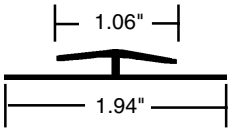
We are your SOURCE for the sizes you need in heavy duty

Kemlite®

Fiberglass Scuffplate



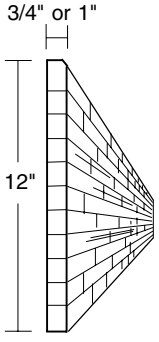
Plastic Divider
Stock Length 96"
Part No. X213X96



.090 (3/32") Thickness		
Height in (")	**Length in Feet**	**Part Number**
12	48	**NL090X12X48**
12	53	**NL090X12X53**
16	48	**NL090X16X48**
16	53	**NL090X16X53**
24	48	**NL090X24X48**
24	53	**NL090X24X53**
48	48	**NL090X48X48**
48	53	**NL090X48X53**
96	48	**NL090X96X48**
96	53	**NL090X96X53**
101	53	**NL090X101X53**
4' X 9' Sheet		**NL090X4X9**

.120 (1/8") Thickness		
Height in (")	**Length in Feet**	**Part Number**
12	48	**NL120X12X48**
12	53	**NL120X12X53**
16	48	**NL120X16X48**
16	53	**NL120X16X53**
24	48	**NL120X24X48**
24	53	**NL120X24X53**
48	48	**NL120X48X48**
96	48	**NL120X96X48**
4' X 8' Sheet		**NL120X4X8**

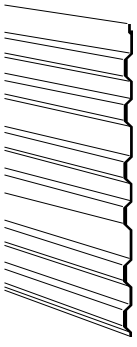
HARDWOOD WEARBAND



LAMINATED OAK

Part No.	Description
3/4X568	568" Long (47 Feet, 3+ Inches)
3/4X624	624" Long (52 Feet)
1X624	624" Long (52 Feet)

ALUMINUM WEARBAND

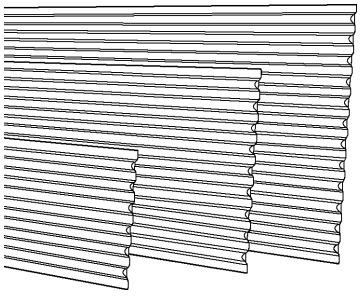


Aluminum for weight savings.
1.5 lbs. per foot.

Part No.	Description
X511X564	Extruded aluminum, 12" high,(47 feet)
X511X624	Extruded aluminum, 12" high,(52 feet)

STEEL WEARBAND

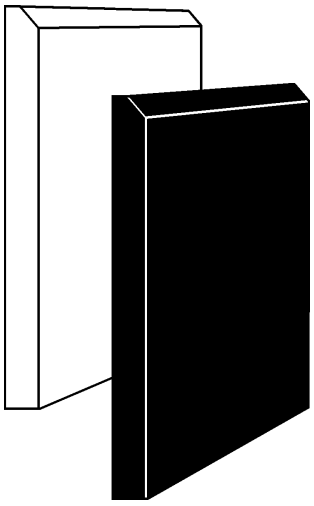
TUF-SKUF®



Hot dip galvanized steel wearband
Corrugated with closed end corrugations for no-snag loading and unloading. Valley mounted fasteners are scuff proof.

12" High WEARBAND	
Part No.	**Description**
1014343-47	12" high corrugated steel, 47 feet long.
1014343-52	12" high corrugated steel, 52 feet long.
18" High WEARBAND	
1014344-47	18" high corrugated steel, 47 feet long.
1014344-52	18" high corrugated steel, 52 feet long.

PLASTIC SCUFFPLATE



Plastic Scuffplate

Plastic scuffplate is made from high density polyethylene (HDPE), prime pigment, UV-inhibitors, and selected process additives. The HDPE raw material comes from post-consumer waste such as milk bottles as well as manufacutring seconds such as aspirin and soap bottles. This material is cleaned to a purity level of 99% or above HDPE.
It resists moisture, corrosion, insect infestation and other elements. It will not absorb moisture, therefore it cannot warp, splinter, crack or rot. Cyclewood plastic scuffplate can be drilled, cut, or routed.

Current forms of adhesives are not recommended.

27 Foot Length		
Color	Description	Part No.
Black	5/8" x 12" x 27'	**1014345**
47 Foot Length		
Color	Description	Part No.
Black	5/8" x 12" x 47'	**1014346**
White	5/8" x 12" x 47'	**1014347**
52 Foot Length		
Color	Description	Part No.
Black	5/8" x 12" x 52'	**1014348**
White	5/8" x 12" x 52'	**1014349**

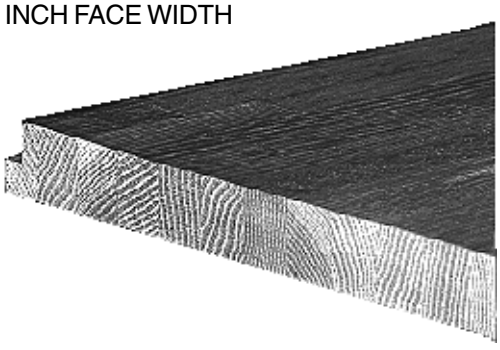
TRAILER FLOORING

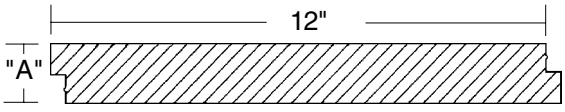
LAMINATED HARDWOOD FLOORING SHIPLAP, 12 INCH FACE WIDTH

1 1/8" ("A") THICK BOARDS	
Length	Part No.
26'	**11/8X312**
47' 3"	**11/8X568**
1 1/4 ("A") THICK BOARDS	
Length	Part No.
26'	**11/4x312**
47' 3"	**11/4x568**
1 3/8" ("A") THICK BOARDS	
Length	Part No.
26'	**13/8X312**
47' 3"	**13/8X568**

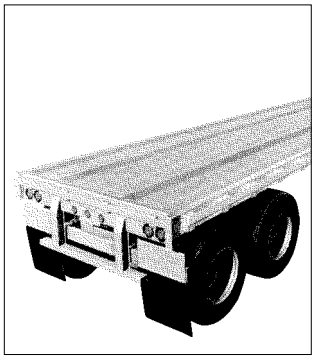
Restore your Trailer Flooring with Key Polymer Floor Restore Kits! See them in our chemical section!

KEY POLYMER CORP.





APITONG FLOORING

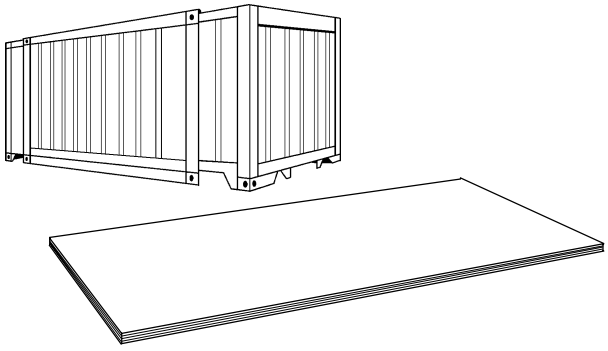


Shiplap
5 and 7 Inch Widths
8' to 20' Random Lengths

Board Width	Part No.
7"	**1-1/8X7AP**
5"	**1-3/8X5AP**
7"	**1-3/8X7AP**

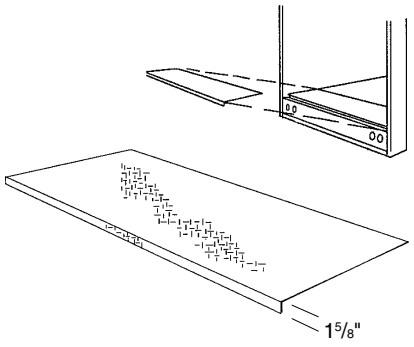
Note: Sold by the running foot.

CONTAINER FLOORING PANELS

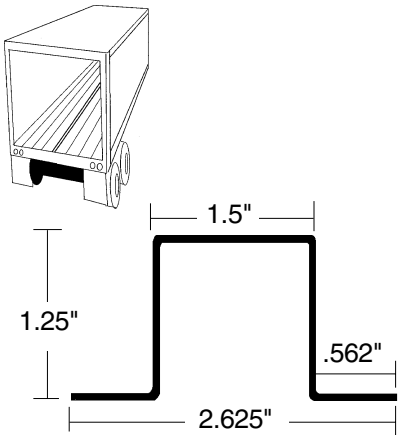


19 Ply, 1 1/8" Thick, 4' x 8', Austrailian Treated
Part No. 1310119

STEEL PARTS FOR WOOD FLOORS & BOLT KITS



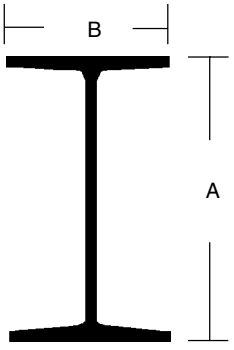
Trailer Threshold Plate	
Tough 1/8" steel diamond plate. Protects expensive wood flooring from fork lift wear and tear. 1⅜" lip.	
Part No.	**Size**
1063098	22⅝" x 96"



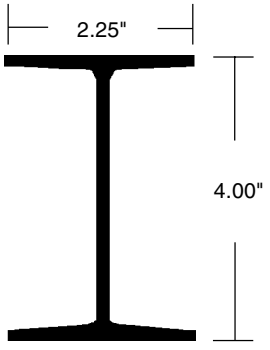
Floor Center Board Channel	
Galvanized steel, 14 gauge. 48' long.	
Part No.	**Size**
1063099	See Above

Bolt Kit For Bottom Side Rail
Contains (8) 3/8"-24 x 11/4" TORX® Drive Button Head Grade 8 Screws with Nylon Insert Lock Nuts
(Enough bolts and nuts for one crossmember installation)
Part No.1157013

TRAILER CROSSMEMBERS

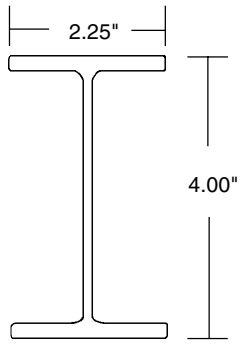


Steel Crossmember				
80,000# PSI				
Part No.	**"A"**	**"B"**	**Length**	**Lb/Ft**
1157033	3"	2.25"	96"	2.9
1157022	4"	2.25"	96"	3.2
1157031	4"	2.25"	102"	3.2
1157039	6"	2.00"	102"	3.7

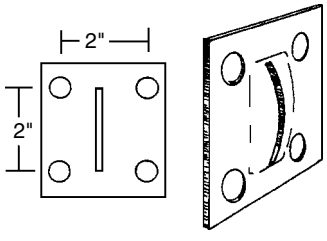


Heavy Duty

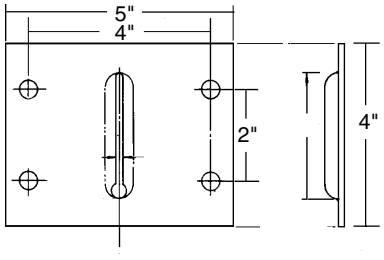
4" Steel Crossmember		
Intermodal Specifications 80,000# PSI		
Part No.	**Length**	**Lb/Ft**
1157034	102"	3.45



4" Aluminum Crossmember	
6061T6 Aluminum Alloy	
Part No.	**Length**
1157030	102"

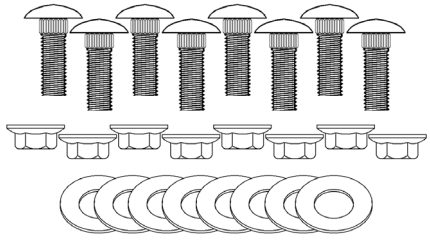


Crossmember Clip	
3⅛" High, 3½" Wide	
Part No.	**Replaces**
1157016	--



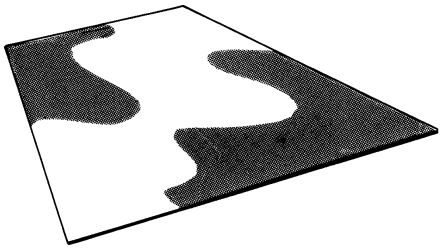
Sill Clip

Part No.	Replaces
1157023	4x5, No holes, w/slot
1157024	4-Hole, 4x5, 2x4 Centers, w/slot



Crossmember Bolt Kit
Contains fasteners for one trailer crossmember installation; 8 heat treated splined step bolts, 8 nylon washers, and 8 flanged lock nuts. (shown)
Part No. 1157015
Part No. 1157012 (torx head-no washers)

TRAILER SIDE PANELS



FLAT AND CORRUGATED

FLAT PANELS

Part Number	Description	Comments
	STEEL	
0262X49X110WH	49" X 110" Steel Galavan PPW*, .026" Thick	
	.050" ALUMINUM, MILL FINISH	
1206134	49" X 120" Mill Finish Aluminum	
	.050" ALUMINUM, PREPAINTED	
050X49X110WH	49" X 110" PPW* One Side, Mill Finish Opposite	PVC Protective Coating
050X49X110WHLP	49" X 110" PPW* One Side, Mill Finish Opposite	Less Protective Coating
050X49X120WH	49" X 120" PPW* Opposite, Mill Finish Opposite	PVC Protective Coating

CORRUGATED PANELS

1190166WH	Fruehauf Panel, 66 Corrugations, PPW*	
1190224	Dorsey Panel, 24 Corrrugations, PPW*	
1190215	Great Dane, 15 Corrugations, PPW*	
1190216	Great Dane, 16 Corrugations, PPW*	
1190316	Trailmobile, 16 Corrucations, PPW*	4" & 8" Corr. centers
1190315	Utility, 15 Corrugations, PPW*	

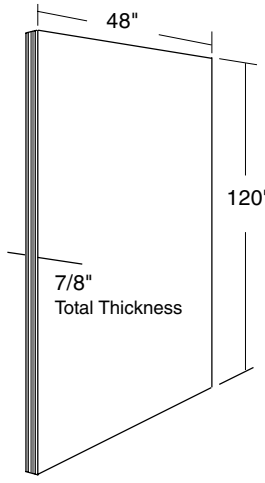
ABBREVIATIONS: PPW: Prepainted White

VANFASTIC

Aluminum Repair Kit Self Adhesive Aluminum & Translucent Patches For Panel Repairs

Can be impressed over rivets. Vanfastic will not add sturctural integrity; the repair is for cosmetic purposes only.

Kit No. V1212W contains ten 12" x 12" self adhesive white aluminum sheets.
Kit No. V1224W contains five 12" x 24" self adhesive white aluminum sheets.
Kit No. V1224T contains five 12" x 24" self adhesive translucent sheets.



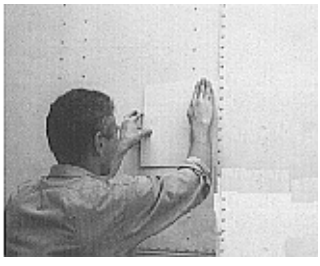
FRP Panels
3/4" Wood Core
7/8" Total Thickness
48" Wide, 120" Long
Part No. 7/8X48X120

FRP Nut & Bolt

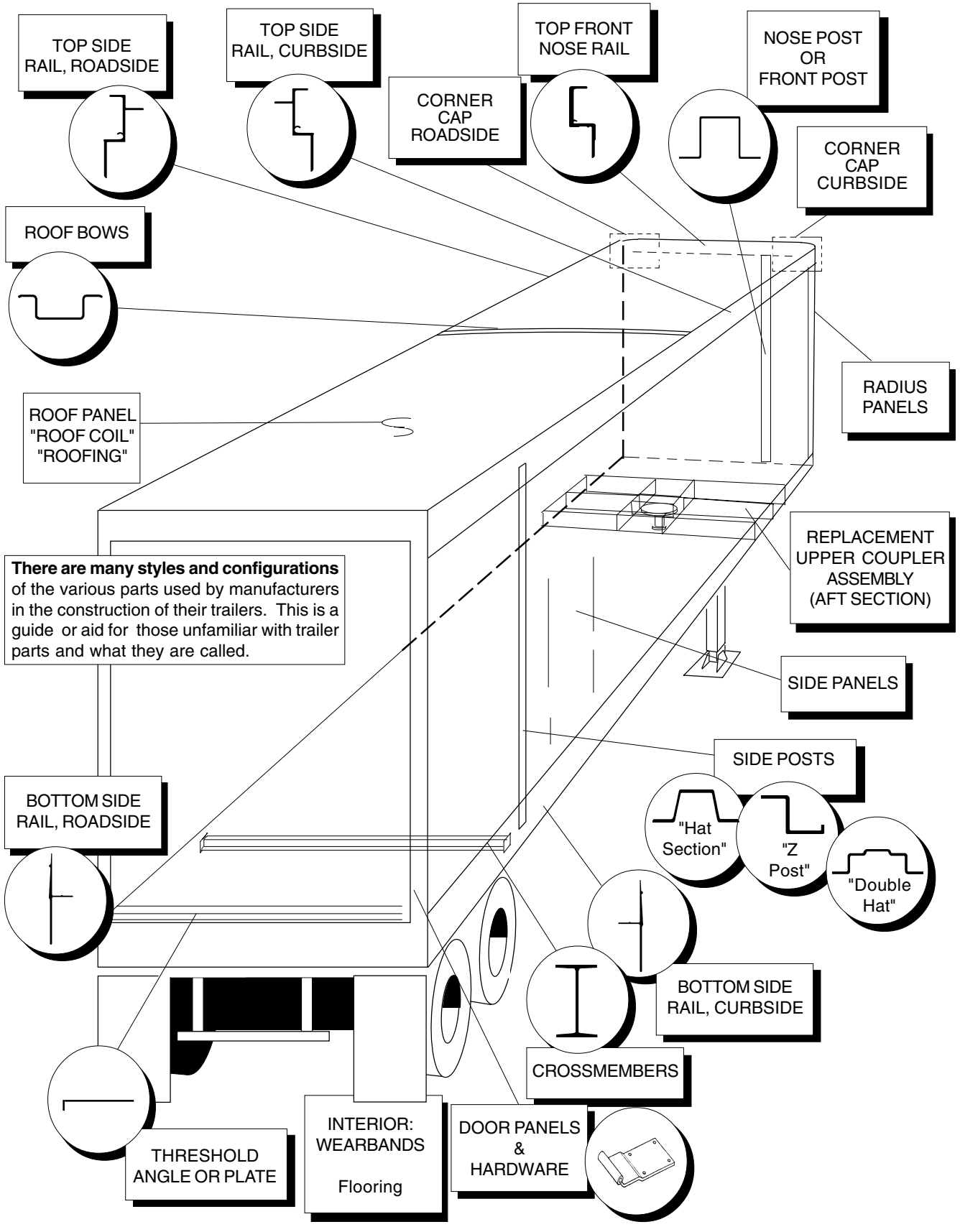
Part No. 1010360
Camtainer Nut
Part No. 1010361
Camtainer Bolt

200 pcs/bag

Just peel and apply over damaged area



TRAILER BODY PARTS NOMENCLATURE



STRICK BODY PARTS

NEW LIFE STRICK

PARTNERSHIP IN PARTS

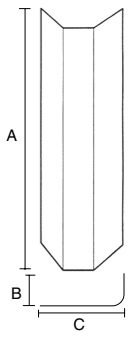
OUTER RADIUS

Part No. SK47158
7" white aluminum radius
A: 105 1/2" B: 13 1/2" C: 10 31/32"

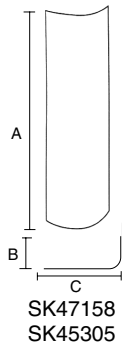
Part No. SK16313
white aluminum
A: 105 1/2" B: 10 1/4" C: 8 3/16"

Part No. SK14408
white aluminum
A: 104 1/2" B: 13 5/16" C: 8 3/16"

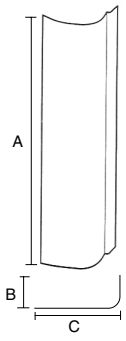
Part No. SK45305
7" blue aluminum radius
A: 107 1/2" B: 13 1/2" C: 10 31/32"



SK16313
SK14408



SK47158
SK45305
SK17421
SK21887



SK01774

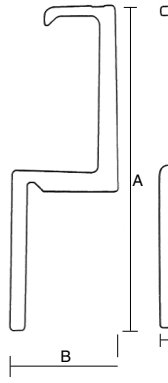
Part No. SK01774
5" .090" white aluminum
A: 110 1/2" B: 8 1/2" C: 13 5/16"

Part No. SK17421
7" bare aluminum radius
A: 105 1/2" B: 13 3/16" C: 8 1/8"

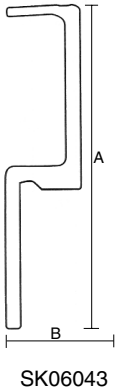
Part No. SK21887
7" white aluminum radius
A: 101 1/2" B: 13 5/16" C: 15'

Part No. SK52535 (not shown)
7" aluminum radius
A: 114 1/2" B: 13 9/16" C:8 1/8"

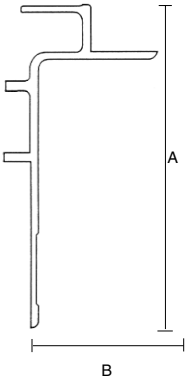
TOP SIDE RAIL



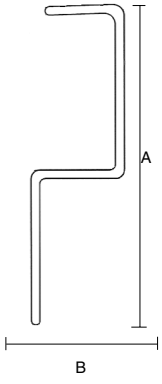
SK01872



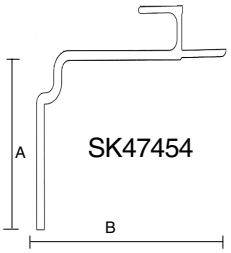
SK06043
SK03396



SK01882



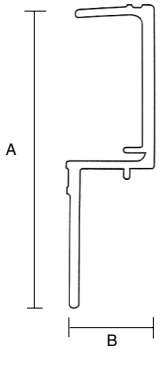
SK26609



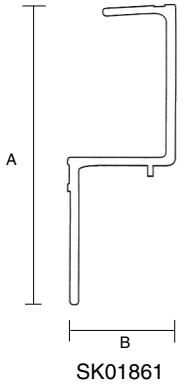
SK47454

Part No. SK01872
A: 5 9/16" B: 1 9/32" 51'9 1/4"
Part No. SK06043
A: 5 9/16" B: 1 21/32" 51'9 3/8"
Part No. SK03396
A: 5 9/16" B:1 3/16" 51'9 1/4"
Part No. SK01882
A: 6 13/16" B: 3 1/8" 51'7 3/4"
Part No. SK26609
A: 5 9/16" B: 1 11/16" 27'3 1/4"
Part No. SK47454
A: 5' B: 6' 51'9 1/4"

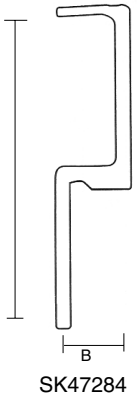
NOSE RAILS



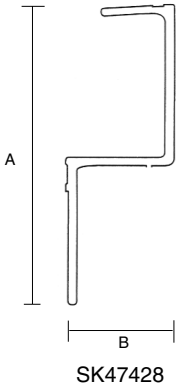
SK01715



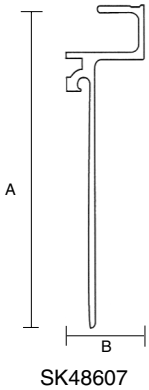
SK01861



SK47284



SK47428

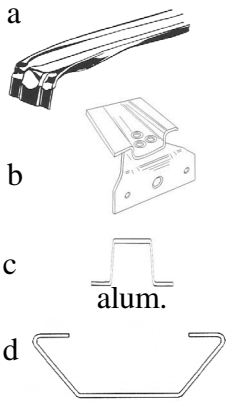


SK48607

Part No. SK01715
one pc. wrap around style, 98 1/2", 7" radius
A: 5 9/16" B: 1 9/32"
Part No. SK52017
straight section for 3 pc. style, 91 7/8"
A: 5 9/16" B: 1 21/32"
Part No. SK47284
straight section for 3 pc. style
A: 5.5625" B: 1.057"
Part No. SK47428
straight section for 3 pc. style, 85 11/16"
A: 5" B: 6"
Part No. SK48607
1 pc. wrap around style, 102 5/8" 5" radius

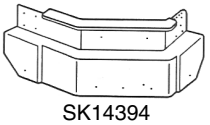
STRICK BODY PARTS

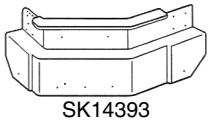
ROOF BOWS



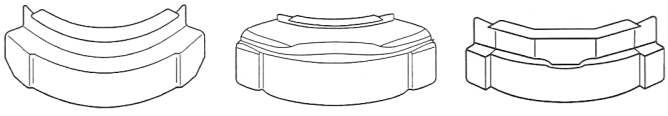
Part No.	
SK27820	98 7/8" standard arch-a
SK01510	98 7/8" high arch-a
SK01511	92 15/16" high arch-a
SK48533	98 1/8" high arch-a
SK01512	100 3/8" high arch-a
SK01513	99 7/16" high arch-a
SK05250	98 7/8", 3 piece-b
SK16012	98 1/2", hat style arch-c
SK06686	93", anti-snag-d(galv)
SK45324	93", anti-snag-d(alum)

CORNER CAPS


SK14394

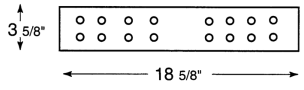

SK14393

Part No.	Description
SK14394	right/curb side
SK14393	left/road side
SK01792	universal, left side & right side 7" radius
SK03500	universal, left side & right side 7" radius
SK45290	universal, left side & right side 7" radius

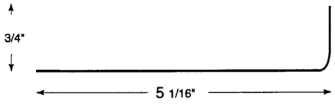


BOTTOM RAIL SPLICE

Part No. SK17344
Bottem Rail Splice Plate
18 5/8" Long-Steel-Punched
for Bottem Rail #'s
SK01854, SK01857

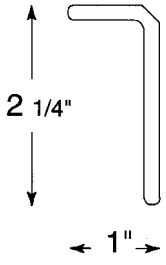


Part No. SK51322
Bottem Rail Splice Angle
8 1/2' Long-Steel-Punched
for Bottem Rail #'s
SK01854, SK01857

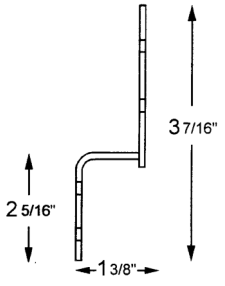


TOP RAIL SPLICE

Part No. SK27572
Outer Top Rail Splice
20' Long-Aluminum
For Top Rail #'s
SK01872, SK06043



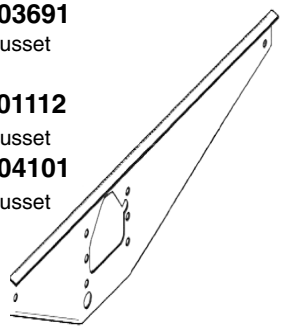
Part No. SK47598
Inner Top Rail Splice
18 1/2" Long-Steel-Punched
For Top Rail #'s
SK01872, SK06043



L/G GUSSET

Part No. SK03690
roadside L/G gusset
Part No. SK03691
curbside L/G gusset

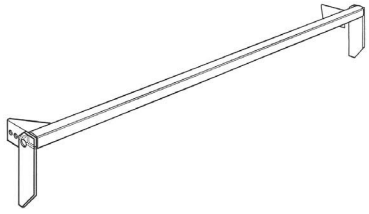
Part No. SK01112
roadside L/G gusset
Part No. SK04101
curbside L/G gusset



REAR FRAME HEADER

Part No. SK05228
rear header assembly

Part No. SK01436
rear header assembly



ICC ASSEMBLY

Part No. SK01185
stepguard assembly

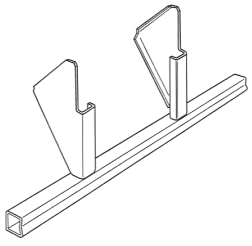
Part No. SK26883
ICC assembly

Part No. SK27856
stepguard assembly

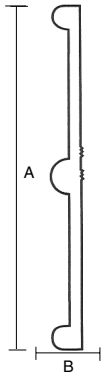
Part No. SK26950
ICC assembly

Part No. SK47336
stepguard assembly

Part No. SK27687
ICC bolt on tube assy



FRP BACKUP STRIP



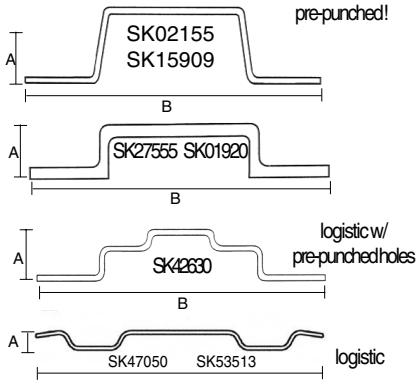
SK17718

Part No. SK18165
Length: 26', 6 7/8"
A: 1 5/8" B: 1 1/4"
backup strip for top rail
installation on FRP trailers

Part No. SK17718
Length: 26', 6 3/4" x 3.625"
A: 3.625" B: 1/4"
backup strip for bottom rail
installation on FRP trailers

STRICK BODY PARTS

SIDE POSTS



Part No. SK02155 (steel)
A: 1 5/16" B: 5 1/4" 107 1/2

Part No. SK15909 (alum.)
A: 1 1/4" B: 5 1/4" 111 1/2

Part No. SK27555 (alum.)
A: 29/32" B: 5 1/4" 116 3/16

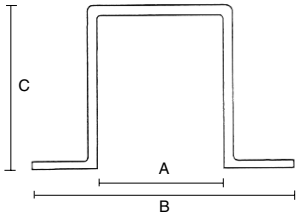
Part No. SK01920 (steel)
A: 11/16" B: 5-1/2"

Part No. SK46230 (steel)
A: 3/4" B: 5" 107 3/8"

Part No. SK53513 (alum.)
A: 15/16" B: 6 7/8 104 1/4"

Part No. SK47050 (steel)
A: .45" B: 6 3/4" 109 3/4"

NOSE POSTS



Part No. SK01738 (STEEL)
LENGTH: 122 1/4" DEPTH: 3 1/4"
A: 2 11/16" B: 5 1/4" C: 3 1/4"

Part No. SK06625
LENGTH:109" DEPTH:1-5/16"
A: 2 3/4" B: 5 1/4" C: 1 5/16"

INNER RADIUS

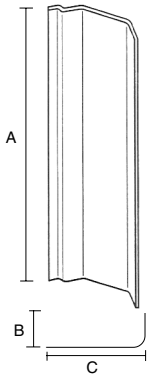
Part No. SK03903
universal galvanized steel
A: 101" B: 5 1/2" C: 5 1/2"

Part No. SK44094
universal galvanized steel
A: 105" B: 11 9/32" C: 14 3/4"

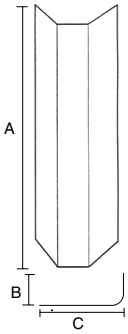
Part No. SK45309
universal galvanized steel
A: 103" B: 7 11/16" C: 15 3/4"

Part No. SK06782
universal galvanized steel
A: 105" B: 9 63/64" C: 16 3/64"

Part No. SK27541
universal galvanized steel
A: 107 1/2" B:4"" C: 4 11/16"

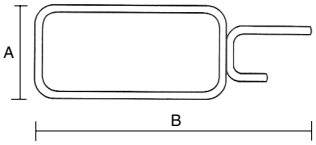


SK03903
SK27541



SK44094
SK45309
SK06782

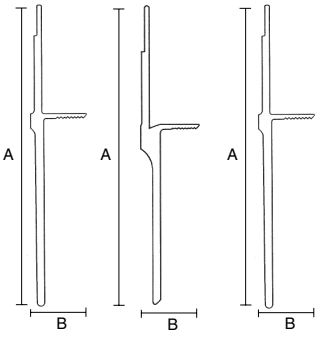
REAR FRAME POST



Part No. SK01418
A= 2" B=6"
rear corner post assembly
120" left hand-roadside

Part No. SK01420
A= 2" B=6"
rear corner post assembly
120" right hand-curbside

BOTTOM SIDE RAILS



SK01854 SK01857 SK47048

Part No. SK01854
51' length, 10 5/8"
A: 8 3/4" B: 1 1/2"

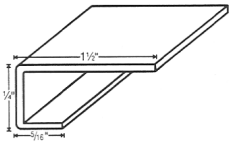
Part No. SK01857
51' length, 10 13/16"
A: 8 3/4" B: 1 3/16"

Part No. SK47048
27' length, 4 5/8"
A: 8 3/4" B: 1 3/16"

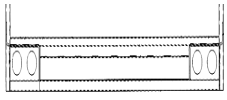
J-MOULDING

Part No. SK01803
"J" moulding, 1.50" X 12'
Strick style.

Inner Dimension: .377
Outer Dimension: .281

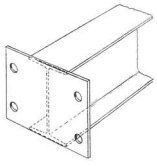


REAR SILL ASSEMBLY



Part No. SK48714
rear sill (assembled)

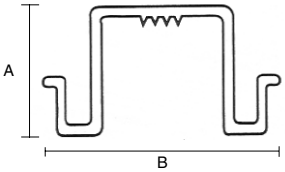
CROSS MEMBER ASSEEMBLY



Part No. SK01695
steel assembly,
4" x 101 3/8" primed black with
welded clips; 3.2# per foot,
80,000 lb. square inch
minimum yield.

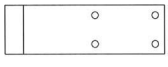
FLOOR CHANNEL

Part No. SK52402
A=1 19/64 B=2 1/2
aluminum has section
air electric conduit
44' 4 3/8"



HINGE STRAPS

Part No. SK01361
hinge strap



Part No. 1010170
hinge strap

Part No. 1010171
hinge strap

Part No. SK01330
hinge butt

GUIDE TO STOCKING ROLL-UP DOOR ASSEMBLIES

TODCO DRY FREIGHT "DROP-IN" DOOR ASSEMBLIES LESS TRACK AND COUNTERBALANCE

TODCO® Nominal Size	Actual Door Size	For Opening Size	Door Part No.
90x90	90Wx89 3/4H	87 3/4x90	99611
90x100	90Wx99 3/4H	87 3/4x100	99610
96x100	95 1/2Wx99 3/4H	93 1/4x100	99836
96x105	95 1/2Wx104 3/4H	93 1/4x105	99837

TODCO DRY FREIGHT DOOR ASSEMBLIES COMPLETE WITH TRACK AND COUNTERBALANCE

Nominal Size	Actual Door Size	For Opening Size	Door Part No.
90x90	90Wx89 3/4H	87 3/4x90	99611KIT
90x100	90Wx99 3/4H	87 3/4x100	99610KIT
96x100	95 1/2Wx99 3/4H	93 1/4x100	99836KIT
96x105	95 1/2Wx104 3/4H	93 1/4x105	99837KIT

TODCO POLARGUARD® 1 1/8" INSULATED DOORS LESS TRACK AND COUNTERBALANCE

Nominal Size	Actual Door Size	For Opening Size	Door Part No.
90x90	90Wx90 3/16H	87 3/4x91	99880
90x100	90Wx97 3/16H	87 3/4x98	99881

TODCO POLARGUARD® 1 1/8" INSULATED DOORS COMPLETE WITH TRACK AND COUNTERBALANCE

Nominal Size	Actual Door Size	For Opening Size	Door Part No.
90x90	90Wx90 3/16H	87 3/4x91	99880KIT
90x100	90Wx97 3/16H	87 3/4x98	99881KIT

WHITING DRY FREIGHT "DROP-IN" DOOR ASSEMBLIES LESS TRACK AND COUNTERBALANCE

WHITING Nominal Size	Actual Door Size	For Opening Size	Door Part No.
90x90	90Wx90H	87 3/4x87 3/4	WH90X90LTD
90x100	90Wx100H	87 3/4x97 3/4	WH90X100LTD
96x100	96Wx100H	93 3/4x97 3/4	WH96X100LTD
96x107	96Wx107H	93 3/4x107	WH96X107KIT

WHITING DRY FREIGHT DOOR ASSEMBLIES COMPLETE WITH TRACK AND COUNTERBALANCE

Nominal Size	Actual Door Size	For Opening Size	Door Part No.
90x90	90Wx90H	87 3/4x90	WH90X90KIT
90x100	90Wx100H	87 3/4x100	WH90X100KIT
96x100	96Wx100H	93 3/4x100	WH96X100KIT
96x107	96Wx107H	93 3/4x107	WH96X107KIT

WHITING "GENERAL PURPOSE"* DOOR ASSEMBLIES LESSTRACK AND COUNTERBALANCE

Nominal Size	Actual Door Size	For Opening Size	Door Part No.
90x100	90Wx100H	87 3/4x100	GP90X100
96x107	90Wx107H	93 3/4x107	GP96X107

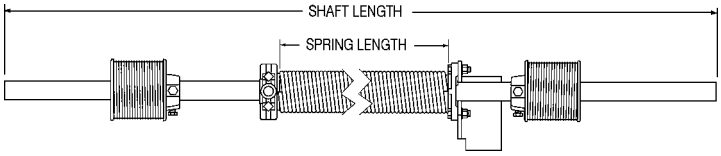
WHITING "GENERAL PURPOSE"* DOOR ASSEMBLIES COMPLETE WITH TRACK AND COUNTERBALANCE

Nominal Size	Actual Door Size	For Opening Size	Door Part No.
90x100	90Wx100H	87 3/4x100	GP90X100KIT
96x107	90Wx107H	87 3/4x107	GP96X107KIT

NOTE: Side seals are not included with door kits. Order separately if desired. Prepainted White available upon request.

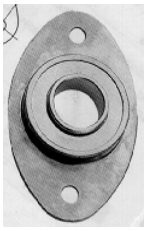
GENERIC OVERHEAD DOOR PARTS

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY



Counterbalance Assembly	
Part No.	**Replaces**
1026115	59292
With 1 3/4" diameter spring, 96" shaft	
Counterbalance Shaft	
1026102	51037

Counterbalance Specifications	
Shaft Length	96"
Spring Length	60"
Easy spring adjustment; heavy .243 diameter spring wire with heavy duty cast aluminum cable drums with capability of storing 130" long cables.	

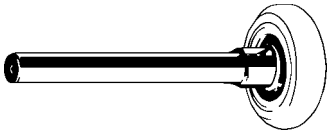


Bearing Assembly	
Part No.	**Replaces**
1026103	51038
For 1" diameter shaft	

Top Fixture Assembly	
Part No.	**Replaces**
1026136	69433
Includes base, slide, & hardware	

Whiting Style Rear Lock & Handle Keeper	
Part No.	Description
1027577	For 3/4" Door / WH77
1027578	Use w/ WH77 Style Rear Lock

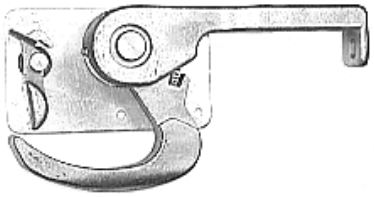
End Hinge	
Part No.	**Replaces**
1026132	69035
Zinc plated	



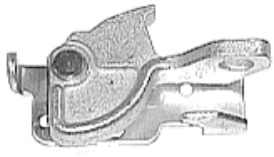
Steel & Nylon Rollers, 2" Diameter	
Part No.	**Application**
1190664	Steel
1190654	Nylon

Center Hinge	
Part No.	**Replaces**
1026119	61196
Zinc plated	

Anchor Bracket	
Part No.	**Replaces**
1026120	61204
Zinc plated	



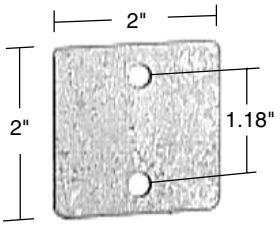
Rear Lock	
Part No.	**Replaces**
1026138	69571
Spring assisted for positive lock; Cast steel, zinc plated.	



Rear Lock Keeper	
Part No.	**Replaces**
1026139	69572
Cast, zinc plated	

GENERIC OVERHEAD DOOR PARTS

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

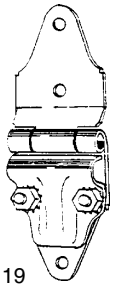


Strap Retainer	
Part No.	**Replaces**
1026143	69832
Galvanized; universal applications	

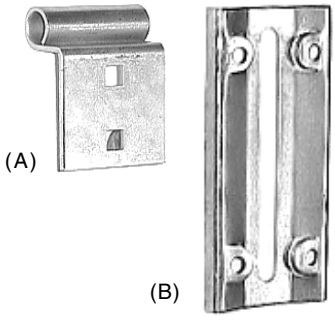
Lift handle	
Part No.	**Replaces**
1026128	61401
Heavy duty, zinc plated	

Bottom Fixture	
Part No.	**Replaces**
1026123	61352
Zinc plated	

Center Hinge	
Part No.	**Replaces**
1027115	WH15
Zinc plated	

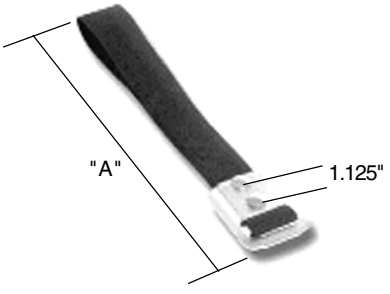


Roller Hinge	
Complete Assembly	
Part No.	**Replaces**
1027119	WH1209A

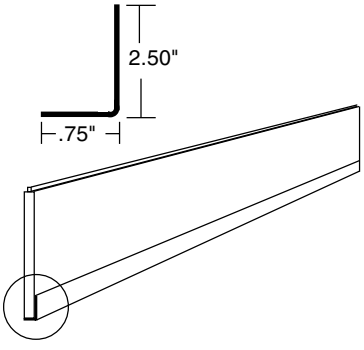


Top Closure Components	
(A) Top Closure Slide	
1027143	WH6943
(B) Top Closure Base	
1027124	WH1264
Zinc plated	

Safety Chain Assembly	
Part No.	**Replaces**
1026131	69020
Cast steel, spring loaded, Zinc finish	
Keeper Assembly	
1026121	61223, WH4110
Chain Assembly	
1026122	61229, W H4126

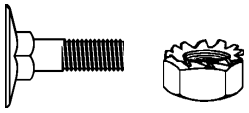


Door Pull Strap Assembly		
Part No.	**"A"**	**Description**
DPS18	18"	Strap assembly
DPS24	24"	Strap assembly
DPS32	32"	Strap assembly



Bottom Angle	
Steel angle used on bottom of bottom panels.	
Part No.	Description
1026118	95¼" long, zinc plated

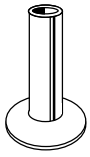
DOOR FASTENERS ROLL-UP DOOR PANELS AND CHEMICALS

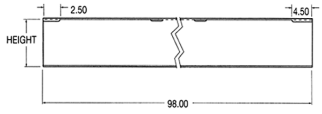


ELEVATOR BOLTS			
Full body elevator bolts with 3/4" of 1/4"-20 thread with 1/4"-20 Keps nut. Zinc plated.			
	Part No.	Description	
	16C420	1/4"-20 x 11/4" long.	
	16C424A	1/4"-20 x 11/2" long	
	04KN-100	1/4"-20 keps nut	

STEEL TUBULAR RIVETS FOR OVERHEAD DOORS

Part No.	Size
80841	1/4"-1"
80842	1/4" x $1^1/_8$"
89210	1/4" x $1^1/_4$"





Roll-Up Door Panels

3/4" Thick Prepainted White Panels

Part No.	Height x Width (in)	Style
026-14221PPW	11.00 x 98.00	Bottom Panel W/HDWR
026-14225PPW	15.00 x 98.00	Bottom Panel W/HDWR
026-14521PPW	11.00 x 98.00	Intermed. Panel
026-14525PPW	15.00 X 98.00	Intermed. Panel

TODCO LUBE

Formulated for sectional upward acting residential, industrial, truck & trailer roll-up doors.

Lubricates, cleans, loosen nuts and bolts, prevents corrosion, never dries.

Part No.	Description
39000-1002T	Net 4 oz. can
39000-1012T	Net 12 oz. can
39000-1016T	One gallon container

NEW LIFE Door & Operator Multi-Purpose SPRAY LUBE

Changes from a fluid to a tough protective grease in minutes. Ideal for hard to reach areas on all door hardware and operator drive mechanisms. Once grease has set up, it will out last any regular oil or silicone.

Part No.	Description
1190620	16 oz. net spray can

REPLACEMENT ROLL-UP DOOR PARTS

REPLACEMENT DOOR CABLES

All cables are 7 x 19 preformed galvanized (GA) or stainless steel (SS) aircraft cable. Fittings are all aluminum. Cables sold in pairs only.

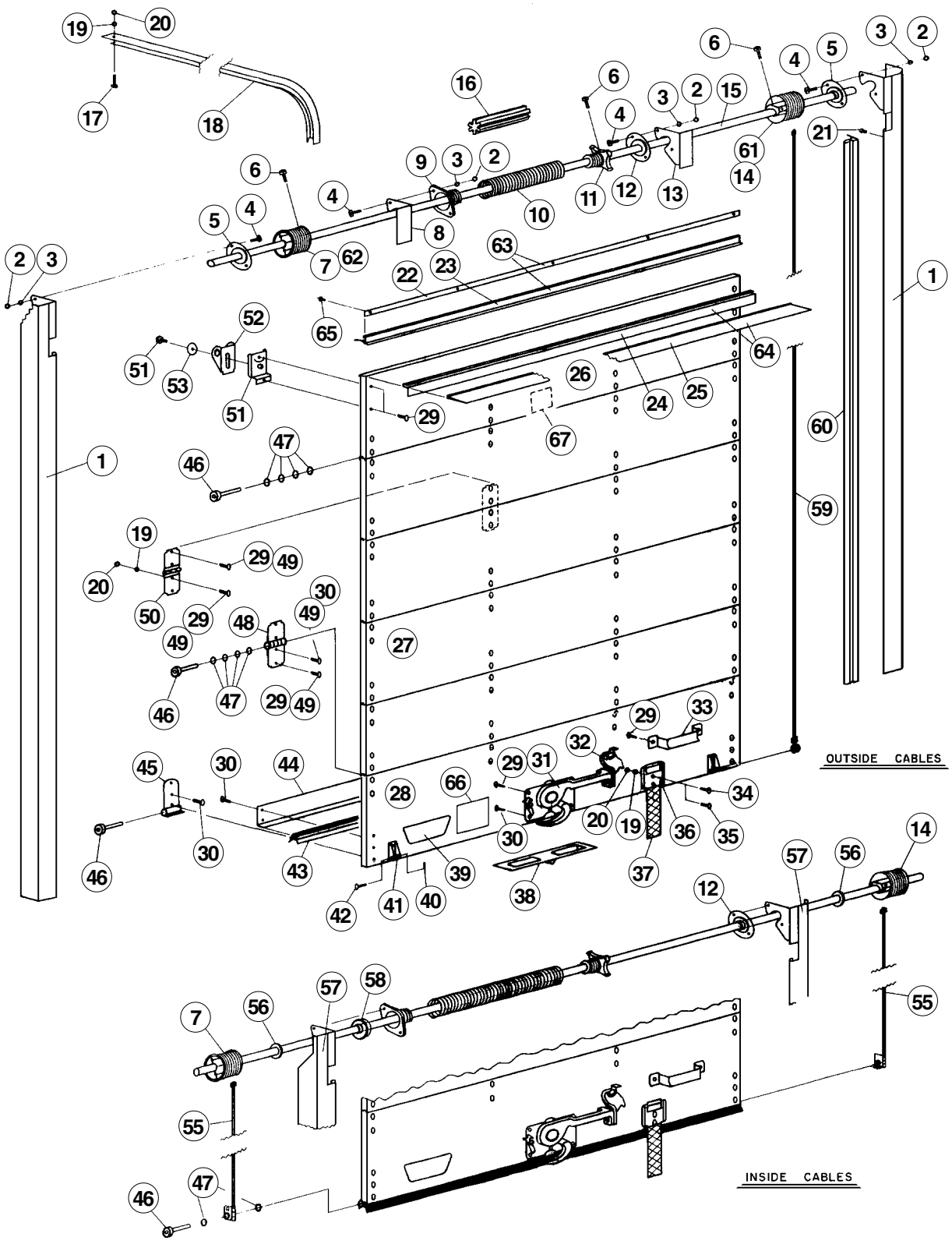
TODCO APPLICATIONS				
Length (")	**Type**	**Eye Size**	**Color Code***	**Part No. Number**
110	SS	1/4"	Red	**1014245**
110	GA	1/4"	Gray	**1014245GA**
115	SS	1/4"	Blue	**1014246**
115	GA	1/4"	Black	**1014246GA**
130	SS	1/4"	Yellow	**1014248**
130	GA	1/4"	Green	**1014248GA**

*Cables are color-coded to help with identification. Use the appropriate cable length under the Todco listing when replacing cables on the Whiting "General Purpose" door.

WHITING APPLICATIONS				
Length (")	**Type**	**Eye Size**	**Color Code***	**Part No. Number**
105	SS	7/16"	Yellow	**1014250**
105	GA	7/16"	Yellow	**1014250GA**
110	SS	7/16"	Brown	**1014252**
110	GA	7/16"	Brown	**1014252GA**
115	SS	5/16"	Green	**1014256**
115	GA	5/16"	Green	**1014256GA**
125	SS	5/16"	White	**1014251**
125	GA	5/16"	White	**1014251GA**
125	SS	7/16"	Red	**1014253**
125	GA	7/16"	Red	**1014253GA**
130	SS	7/16"	N/C	**1014254**
130	GA	7/16"	N/C	**1014254GA**

Note: The spools on Whiting cables with 5/16" eyes are beveled on one side for ease of installation on U-bolt style cable anchors. Whiting cables with 7/16" I.D. diameter spools are for attachment to bottom roller shafts.

TODCO 3/4" DOOR ASSEMBLY



TODCO 3/4" DOOR ASSEMBLY

ITEM	PART NO.	DESCRIPTION
1	49014-1T	Vertical Track Assembly - LH (Curbside)
	49014-2T	Vertical Track Assembly - RH (Roadside)
2	80352-518T	Hex Nut - 5/16" NC
3	80322-319T	Lockwasher - 5/16"
4	89186-3T	Hex Head Bolt - 5/16"NC X 7/8"
5	51038T	Bearing Assembly
6	80300-2414T	Hex Head Set Screw - 3/8" NC X 7/8"
7	59129-2T	Cable Drum RH (Roadside) - to 105" Door Height
8	51036-2T	Spring Anchor Bracket
9	51043T	Spring Anchor Plug - 1-3/4" I.D. Spring
	59024T	Spring Anchor Plug - 2-1/2" I. D. Spring
10	51042T	Spring - 1-3/4" I. D.
	59031T	Spring - 2-1/2" I. D.
11	59158T	Spring Winding Plug - 1-3/4 I. D. Spring
	59159T	Spring Winding Plug - 2-1/2" I. D. Spring
12	59083T	Bearing Assembly - Support Bracket
13	51036-1T	Support Bracket - LH (Curbside)
14	59129-1T	Cable Drum - LH (Curbside) - to 105" Door Height
15	59290T	Counterbalance Shaft, 96" long (**Counterbalance Assemblies Available - See Table C**)
16	59092T	Filler Plug - 2-1/2" I. D. Spring
17	49702-1T	Horizontal Track - LH (Curbside) 132" Long
	49702-2T	Horizontal Track - RH (Roadside) 132" Long
18	80105-414T	Hex Head Bolt - 1/4" NC X 1-3/4"
19	80322-255T	Lockwasher - 1/4"
20	80352-420T	Hex Nut - 1/4" NC
21	89100-1T	Drive Rivet - 3/16" Dia. X 9/32" Long
22	61403T	Retainer - Head Seal, 94.5" Long (Header Mounted)
23	61402T	Head seal, 96" Long (Header Mounted)
24	69790T	Retainer, Head Seal, 96" Long (Panel Mounted)
25	69718T	Head Seal, 108" Long (Panel Mounted)
26	29013T	Top Panel, Plastic - No Hardware
	29017T	Top Panel, Aluminum Covered - No Hardware
27	29014T	Intermediate Panel, Plastic - No Hardware **See List 1, Note 1**
	29018T	Intermediate Panel, Aluminum Covered - No Hardware **See List 1, Note 1**
28	29016T	Bottom Panel, Plastic **See List 2**
	29020T	Bottom Panel, Aluminum Covered **See List 2**
29	89210-0032T	Rivet - 1"
30	89210-0036T	Rivet - 1-1/8"
31	69571T	Maximum Security Lock Assembly - Standard
	70223T	Maximum Security Lock Assembly - Offset Arm
32	69572T	Keeper Assembly
33	61401T	Lift Handle
35	89210-0044T	Rivet-1-3/8"
36	69832T	Pull Strap Retainer
37	80844-1216T	Pull Strap - 12" Looped (See Page 35)
38	70093T	Catch Box
39	69793T	Name Plate
40	80401-316T	Cotter Pin - 3/32" Diameter
41	61204T	Cable Anchor Bracket
42	61026T	Cable Anchor Pin
43	80840T	Bottom Seal, 96" Long
44	61191T	Bottom Angle, 92-1/2" Long
45	61352T	Bottom Fixture
46	61174T	Roller (New Life Part No. 1190653)
47	80020T	Spacer Washer - Roller
48	69035T	End Hinge Assembly
49	80015-0040T	Step Bolt Assembly - 1/4" NC X 1-1/4"
50	61196T	Center Hinge Assembly
51	69432T	Base - Adjustable Top Fixture
52	69431T	Slide - Adjustable Top Fixture
53	80302-2436T	Flast Washer - 3/8"
54	89409T	E-Lok Bolt - 3/8" NC
55	51079-1T	Cable Ass'y - LH (Curbside) - Inside Cable (See page 369 for replacement cable assemblies)
	51079-2T	Cable Ass'y - RH (Roadside) - Inside Cable (See page 369 for replacement cable assemblies)
56	80023T	Spacer Washer - Cable Drum
57	49007-1T	Vertical Track Assembly - LH (Curbside)
	49007-2T	Vertical Track Assembly - RH (Roadside)
58	80701-2T	Bearing
59	51044T	Cable Assembly - 110" - For 100" Door Height (See page 369 for replacement cable assemblies)
	59004T	Cable Assembly - 115" - 100" To 105" Door Height (See page 369 for replacement cable assemblies)
	59003T	Cable Assembly - 130" - 105" To 120" Door Height (See page 369 for replacement cable assemblies)
60	61390T	Side Seal - Pair, New Life Stock 115" long
61	59157-3T	Cable Drum - LH (Curbside) - 105" To 120" Door Height
62	59174-4T	Cable Drum - RH (Roadside) - 105" To 120" Door Height
63	69770T	Head Seal Assembly (Header Mounted)
64	70001T	Head Seal Assembly (Panel Mounted)
65	89100-2T	Drive Rivet - 3/16" Dia. x 15/32" long
66	70318T	Safety Notice Warning Sticker
67	70319T	Warning Sticker - Counterbalance

Table A
Item 27:
(See Note 1)

Intermediate Stocking Panels **Plastic Covered:**

Part Numbers:
29014-11X98
29014-12x93
29014-12X98
29014-13x93
29014-13X98
29014-15X98
29014-18X98

Intermediate Aluminum Covered:
(See Note 1)

Part Numbers:
29018-11X98
29018-12X98
29018-13X98
29018-15X98

Table B
Item 28:
(See Note 1)

Bottom Panels with hardware attached to one side.
(fixtures for opposite side included in package attached to lift handle)
Note: The following items are installed on each panel:

- Bottom angle
- Bottom seal
- Bottom fixtures on one side
- Lift Handle
- Pull Strap
- Decal

Panels are routed extra long on one side to facilitate hardware installation if trimming panel is necessary.

Bottom Panel Part Numbers:
29016-1-11x98
29016-1-12x93
29016-1-12X98
29016-1-13x93
29016-1-13X98
29016-1-15x93
29016-1-15X98
29016-1-16X98
29016-1-18X98

TABLE C
COUNTERBALANCE ASSEMBLIES
(Counterbalance shafts assembled with springs and related parts)

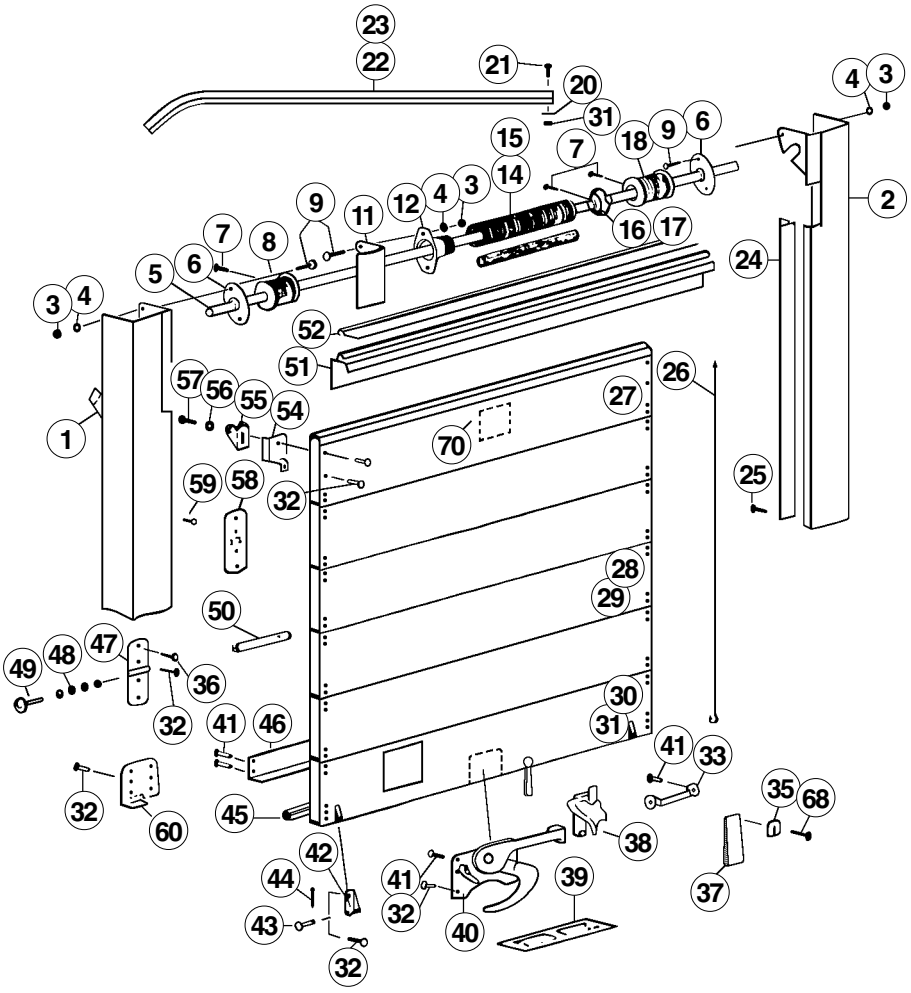
15A	**59292**	Counterbalance Assembly, Outside Cables, 96" Shaft
15B	**59174***	Counterbalance Assembly, Outside Cables, 90" Shaft
15C	**59209**	Counterbalance Assembly, Shallow Header, 96" Shaft
15D	**59197**	Counterbalance Assembly, Heavy Duty

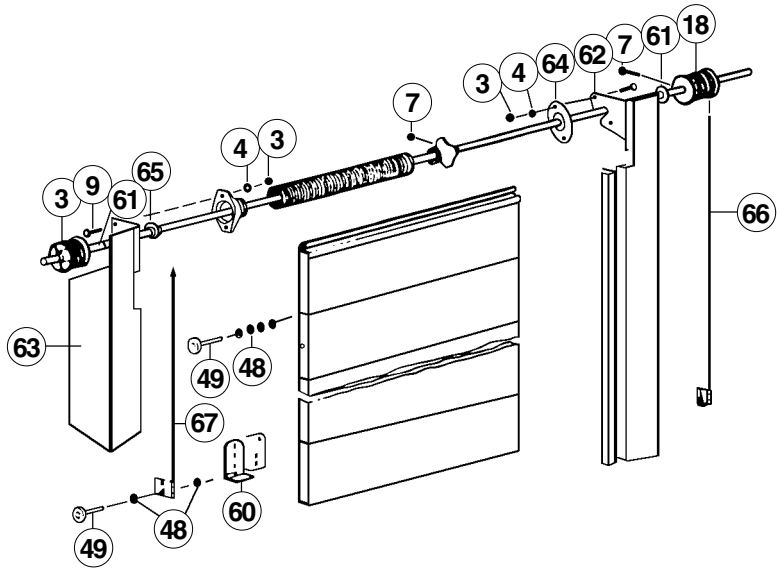
* For Insulated Doors - Equipped With 44" X 1-3/4" #4 Wire Spring Ass'y

Note 1:
In Tables A and B, the actual length of panels with numbers ending in 93 is 92-1/2". The actual length of panels with numbers ending in 98 is 97-3/4".

Note 2:
Todco identifies right hand and left hand parts as if **you are standing inside the trailer facing towards the rear.**
This pertains only to Todco.

TODCO 1 1/8" FIBERGLASS INSULATED DOOR ASSEMBLY





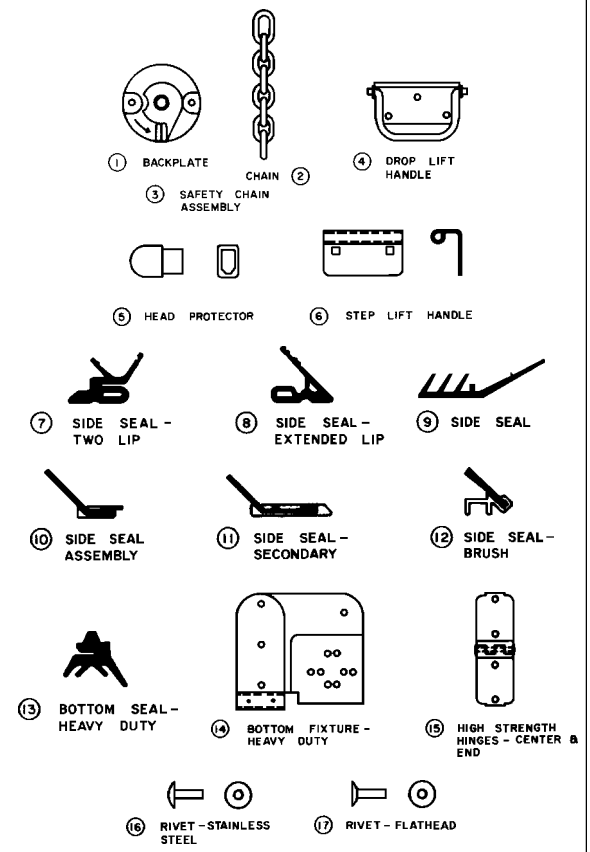
TODCO 1 1/8" FIBERGLASS INSULATED DOOR ASSEMBLY

ITEM	PART NO.	DESCRIPTION
1	49593-2T	Vertical Track - R.H. (Roadside)
2	49593-1T	Vertical Track Assembly - RH (Roadside)
3	80352-518T	Hex Nut - 5/16" NC
4	80322-319T	Lockwasher - 5/16"
5	59290T	Counterbalance Shaft
5A	59174T	Counterbalance assembly - 90" shaft assembled with spring and related parts
6	51038T	Bearing Assembly
7	80300-2414T	Hex Head Set Screw - 3/8" NC x 7/8"
8	59129-4T	Cable Drum - R.H. - to 105" Door Height (Roadside)
8	59157-2T	Cable Drum - R.H. - 105" to 130" Door Height (Roadside)
9	89168-3T	Hex Head Bolt - 5/16" NC x 7/8"
11	51036-2T	Spring Anchor Bracket
12	51043T	Spring Anchor Plug - 1-3/4" I.D. Spring
13	59024T	Spring Anchor Plug - 2-1/2" I.D. Spring
*14	51042T	Spring - 1-3/4" I.D.
*15	59031T	Spring - 2-1/2" I.D.
16	59158T	Spring Winding Plug - 1-3/4" I.D. Spring
17	59159T	Spring Winding Plug - 2-1/2" I.D. Spring
18	59129-3T	Cable Drum - L.H. - to 105" Door Height (Curbside)
18	59157-1T	Cable Drum - L.H. - 105" to 130" door Height (Curbside)
19	80352-420T	Hex Nut - 1/4" NC
20	80322-255T	Lockwasher - 1/4"
21	80105-414T	Hex Head Bolt - 1/4" NC x 1-3/4"
22	49702-2T	Horizontal Track - R.H. (Roadside)
23	49702-1T	Horizontal Track - L.H. (Curbside)
24	61390T	Side Seal - Pair
25	89100-1T	Drive Rivet - 3/16" Diameter
26	51044T	Cable Assembly - to 100" Door Height
26	59004T	Cable Assembly - 100" to 105" Door Height
26	59003T	Cable Assembly - 105" to 120" Door Height
27	29652T	Top Panel - with top cap - specify panel height & width
28	29650T	Intermediate Panel - 11" - specify panel length
29	29651T	Intermediate Panel - 15" - specify panel length
**30	29640T	Bottom Panel - 11" with hardware, no lock
**31	29641T	Bottom Panel - 15" with hardware, no lock
32	89291-0048T	Rivet - 1/4" x 1-1/2" (S.S.)
33	61401T	Lift Handle
35	69832T	Pull Strap Retainer
36	80015-1613T	Step Bolt - 1/4" NC x 1-5/8" Lg.
37	80844-1408T	Pull Strap - 30" Straight Standard (44" Lg.)
38	69572T	Keeper Assembly
39	70093T	Catch Box Assembly
40	69571T	Maximum Security Lock Assembly
41	89291-0044T	Rivet - 1/4" x 1-3/8" (S.S.)
42	61204T	Cable Anchor Bracket
43	61026T	Cable Anchor Pin
44	80401-316T	Cotter Pin - 3/32" Diameter
45	70084T	Bottom Seal
46	69110T	Bottom Angle
47	69035T	End Hinge
48	80020T	Spacer Washer - Roller
49	69162T	Roller - Sealed
50	69989T	Joint Seal
51	70083T	Top Cap
52	69718T	Header Seal
53	59092T	Filler Plug - 2-1/2" I.D. Spring
54	89409T	Base - Adjustable Top Fixture
55	69431T	Slide - Adjustable Top Fixture
56	80302-2436T	Flatwasher - 3/8"
57	89049T	E-Lock Bolt - 3/8" NC
58	61196T	Center Hinge
59	89113-1T	Blind rivet - 1/4" Diameter x 1/4" Grip
60	70082-2T	Bottom Fixture - R.H. (Roadside) Shown
60	70082-1T	Bottom Fixture - L.H. (curbside)
61	80023T	Spacer Washer - Drum
62	49594-1T	Vertical Track Assembly - L.H., Inside Cables (Curbside)
63	49594-2T	Vertical Track Assembly - R.H., Inside Cables (Roadside)
64	59083T	Bearing Assembly
65	80701-2T	Bearing
66	51079-1T	Cable Assembly - L.H. (Curbside)
67	51079-2T	Cable Assembly - R.H. (Roadside)
68	89291-0052T	Rivet - 1/4" x 1-5/8" (S.S.)
69	70318T	Safety Notice, Warning Sticker
70	70319T	Warning Sticker

Note: Some items shown may have to be special ordered.

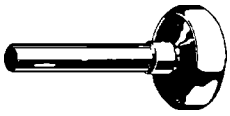
* Give spring length and number of coils in 10" of spring.
** Includes bottom seal, bottom angle and bottom roller holders, drilled for lock. Does not include lock, pull strap, lift handle or cable anchors. Steel or Stainless steel rivets ONLY must be used on Lock, Cable Anchors, Pull Strap and Lift Handle.

Supplementary Parts For Todco Doors

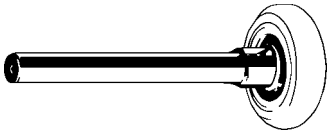


Item	Part No.	Description
1	61223T	Back Plate Ass'y - Safety Chain
2	61229T	Safety Chain
3	69020T	Safety Chain Lock Ass'y
4	69325T	Drop Lift Handle
5	69353T	Head Protector
6	61365T	Step Lift Handle
7	70131T	Side Seal - 2 Lip
8	69840T	Side Seal - Extended Lip
9	70338T	Side Seal (Replaces 69897 Push-In Seal)
10	69922T	Side Seal Assembly
11	70105T	Side Seal Ass'y - Secondary
12	70232T	Side Seal Ass'y - 1" Brush
	70313T	Side Seal Ass'y - 1 1/2" Brush
13	89204T	Bottom Seal - Heavy Duty
14	69964-1T	Bottom Fixture Ass'y HD, LH (Curbside)
	69964-2T	Bottom Fixture Ass'y HD, RH (Roadside)
15	70236T	End Hinge - High Strength
	70238T	Center Hinge - High Strength
16	89217-0032	Rivet - 1" Stainless Steel
	89217-0036	Rivet - 11/8" Stainless Steel
	89217-0040	RTivet - 11/4" Stainless Steel
	89217-0042	Rivet - 15/16" Stainless Steel
	87217-0044	Rivet - 13/8" Stainless Steel
	89217-0048	Rivet - 11/2" Stainless Steel
17	89084-0032	Rivet - 1" Flathead

GENUINE TODCO REPLACEMENT PARTS



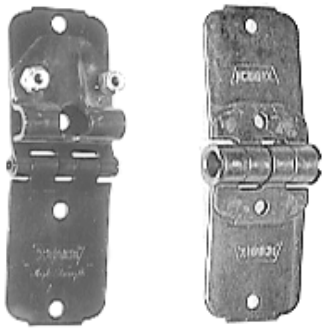
Steel Roller, 1" Diameter	
Part No.	**Application**
1190653	Dry & Insulated Doors



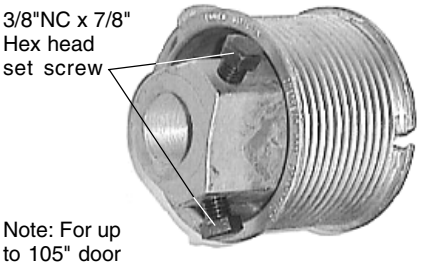
Sealed Roller	
Part No.	**Application**
70317-1	Various

Bottom Fixture	
Part No.	**Application**
61352T	Dry freight door

Center Hinge	
Part No.	**Application**
61196T	Dry & insulated doors

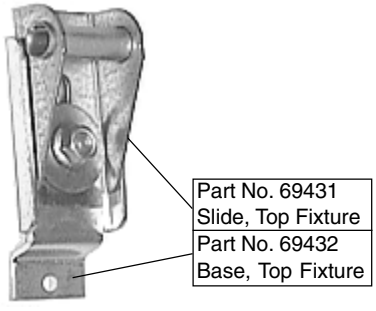


End Hinges	
Part No.	**Application**
69035T	Dry & insulated doors
70311T	2 Piece Removable



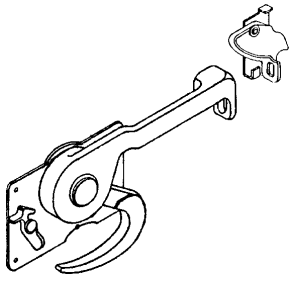
Note: For up to 105" door height. Curbside shown

Cable Drums	
Part No.	**Description**
59129-1T	Cable Drum (Curbside)
59129-2T	Cable Drum (Roadside)



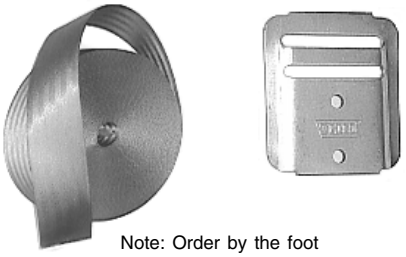
Adj. Top Fixture Assembly	
Part No.	**Application**
69433T	Dry, $1^{1}/_{8}$" insulated

Bearing Assembly	
Part No.	**Application**
51038T	Dry & insulated doors



Rear Lock & Keeper	
Part No.	**Description**
69571T	Maximum Security Lock
69572T	Keeper Assembly

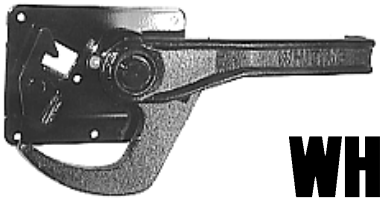
Safety Chain Lock Assembly	
Part No.	**Description**
69020T	Plate & Chain Assembly
61223T	Back Plate
61229T	Safety Chain



Note: Order by the foot

Pull Strap, Bulk	
Part No.	**Application**
80844-1T	Various
Pull Strap Retainer	
69832T	Various

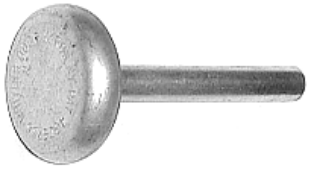
GENUINE WHITING REPLACEMENT PARTS



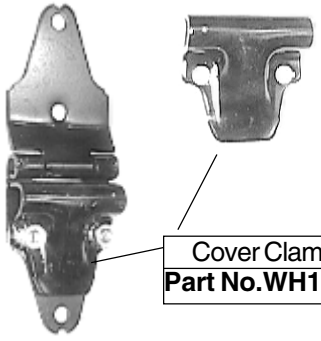
WHITING

Lock Assembly, Less keeper	
Part No.	**Application**
WH77	For 3/4" door

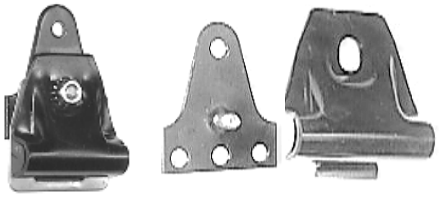
Lock keeper	
Part No.	**Application**
WH7515	For 3/4" door



2" Patented Steel Roller	
Part No.	**Application**
WH2996	Most Whiting Doors
2" Steel Roller with 4" Shaft	
WH10-1036-5	Roller with 4" Shaft

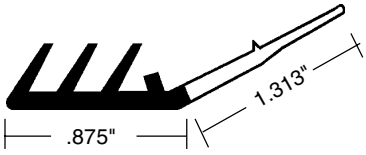


Roller Hinge w/Cover	
Part No.	**Application**
WH1209A	3/4" & insulated doors



(A) Bottom Brk't With Cover	
Part No.	**Application**
WH1371-A	Bracket for bottom roller
(B) Bottom Roller Brk't Stud Plate	
WH1370	Component of WH1371
(C) Bottom Roller Shaft Cover	
WH1021	Component of WH1371

Top Closure Assembly	
Part No.	**Application**
WH6944	3/4" & insulated doors

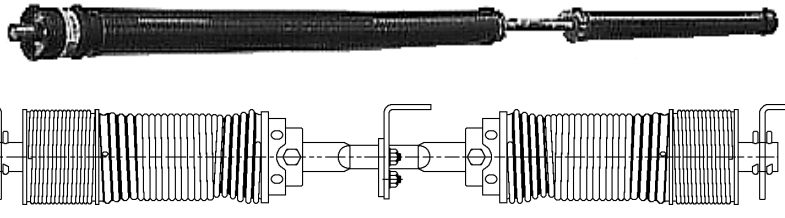


Side Seal	
Part No.	**Application**
WH5423	3/4" & 1" doors

Center Hinge	
Part No.	**Application**
WH15	3/4" & insulated doors

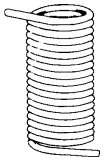
WH2547 Shown

Cable Drum & Bearing Assemblies	
Part No.	**Application**
WH2547	Roadside
WH2548	Curbside

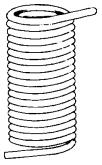


Double Cable Balancer Assembly For Whiting Premium 3/4" Door				
		Brackets		
Part No.	**Application**	**Curbside**	**Center**	**Roadside**
WH2376-87	For 96" wide trailers	**WH2523**	WH2525 & WH2526	**WH2524**
WH2376-93	For 102" wide trailers	**WH2523**	WH2525 & WH2526	**WH2524**

Ordering Tips for Whiting Springs



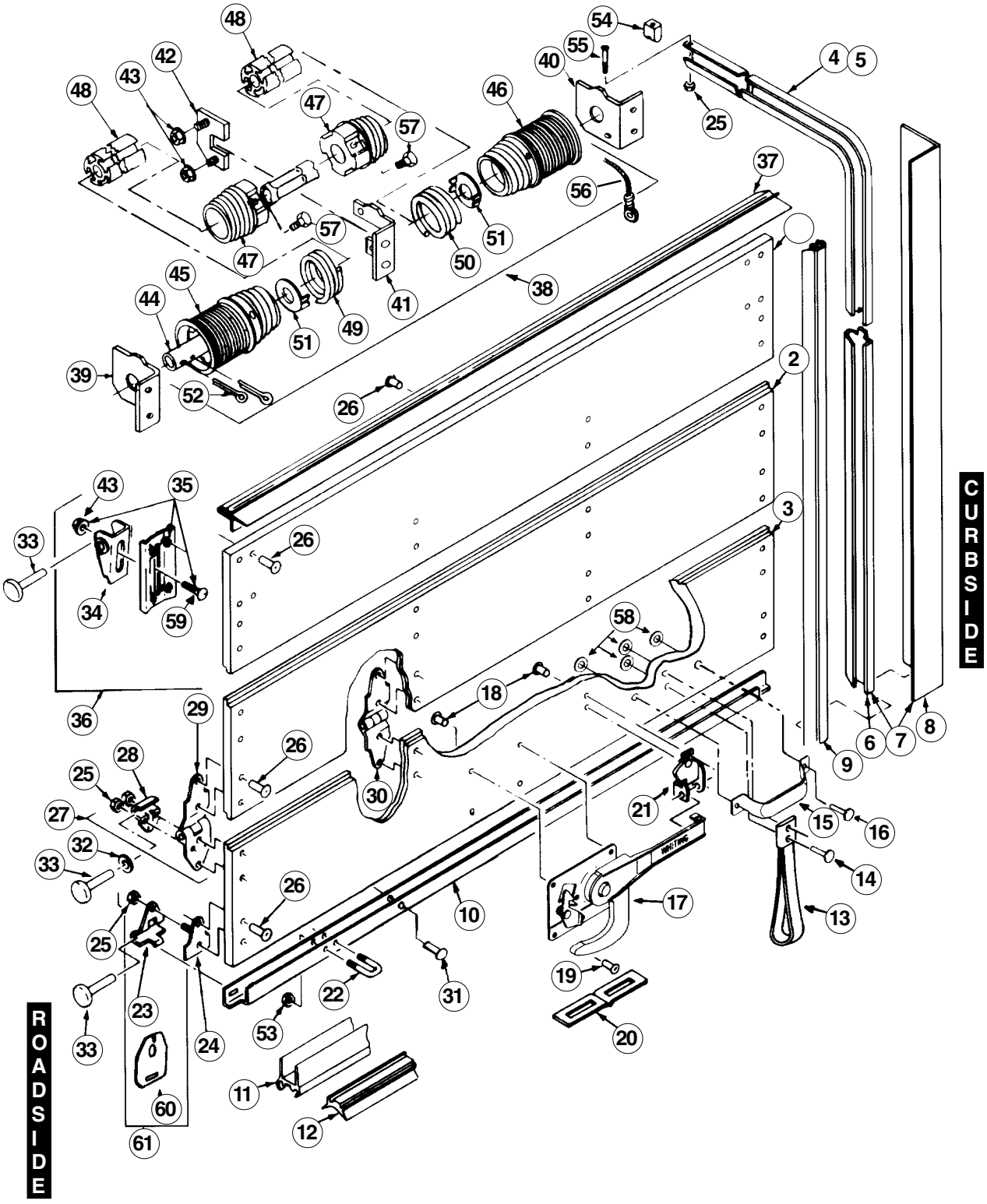
Left hand Wound
(Counterclockwise)
Roadside



Right hand Wound
(Clockwise)
Curbside

Spring length is measured when the spring is relaxed.
Wire diameter is indicated by a paint marking on one end of the spring. When ordering, this color should be reported, if visible.
Spring length and wire diameter can also be found stamped on their center of the balancer shaft, or on a tag also near the center of the shaft.

WHITING PREMIUM 3/4" DRY FREIGHT DOOR ASSEMBLY



WHITING PREMIUM 3/4" DRY FREIGHT DOOR ASSEMBLY

Item	Part No.	Description
1	WH240	Top panel plain - plastic - ship lap joint (Specify length and width)
1	WH340	Top panel plain - plastic - tongue & groove joint (specify length & width)
1	WH250	Top panel plain - aluminum - ship lap joint (Specify length & width)
1	WH350	Top panel plain - aluminum - tongue & groove (Specify length & width)
2	WH242	Intermediate panel - plastic - Ship lap joint (Specify length & width)
2	WH342	Intermediate panel - Plastic - tongue & groove joint (Specify length & width)
2	WH252	Intermediate panel - aluminum - ship lap joint (Specify length & width)
2	WH352	Intermediate panel - aluminum - tongue & groove joint (Specify length & width)
3	WH243	Bottom panel plain - plastic - ship lap joint (Specify length & width)
3	WH343	Bottom panel plain - plastic - tongue & groove joint (Specify length & width)
3	WH253	Bottom panel plain - aluminum - ship lap joint (Specify length & width)
3	WH353	Bottom panel plain - aluminum - tongue & groove (Specify length & width)
4	WH11-2	2" horizontal track, curbside, 8" radius, 130" long
5	WH11-3	2" horizontal track, roadside, 8" radius, 130" long
6	WH1031	2" vertical track, 130" long (roadside or curbside)
7	WH2275-1-100	Vertical track and mounting angle assembly - curbside (For 100" door)
7	WH2275-1-90	Vertical track and mounting angle assembly - curbside (For 90" door)
7	WH2275-2-100	Vertical track and mounting angle assembly - roadside (For 100" door)
7	WH2275-2-90	Vertical track and mounting angle assembly - roadside (for 90" door)
8	WHXX	Mounting angle (Specify length & size)
9	WH5423	Side seal, 110" long
10	WH18-3X96	Bottom U-channel, 96"
11	WH1801	Bottom U channel seal retainer - aluminum
12	WH1676X96	Bottom seal, 96" long
13	WH23-XX	Pull down strap (Note: New Life part number DPS18 or DPS24 can be substituted)
14	WH10-1002-11	Rivet, 1/4" X 1-1/8", 1/2" dia. head
15	WH1715	Grab handle
17	WH77	Lock assembly, no keeper
18	WH10-1002-42	Rivet, 1/4" X 1-1/16", 3/4 dia. head
19	WH10-1002-9	Rivet, 1/4" X 1-5/16", 1/2" dia. head
20	WH2804	Latch plate
21	WH7515	Handle keeper
22	WH70-13	Cable anchor, 1-1/4" U-bolt
23	WH1021	Bottom roller shaft cover
24	WH1370	Bottom roller bracket stud plate
25	WH10-1022-1	Kep nut, 1/4-20
26	WH10-1002-3	Rivet, 1/4 X 1, 3/4" dia. head, cadmium plated steel.
27	WH1209A	Roller hinge complete with cover clamp and nuts
28	WH1208	Roller hinge cover clamp
29	WH1207	Roller hinge
30	WH15	Center hinge
31	WH10-1002-11	Rivet, 1/4" X 1-1/8", 1/2" dia. head
32	WH6	Spacer washer
33	WH3228	2" Nylon roller (Part number 1190654 can be substituted)
33	WH2996	2" Steel roller (Part number 1190664 can be substituted)
34	WH6943	Top closure slide
35	WH1264	Top closure base with nuts and bolts
36	WH6944	Top closure assembly complete
37	WH4032	Top Seal, 96" long
38	WH2376	Balancer assembly, 87" (less items 39 - 43, 52, 56)
39	WH2524	Balancer bracket - roadside
40	WH2523	Balancer bracket - curbside
41	WH2525	Balancer bracket, center
42	WH2523	Balancer bracket clamp
43	10-1063-1	Self locking nut, 5/16"-18
44	WH2528	Balancer shaft, 96" long
45	WH2547	Cable drum and bearing assembly - roadside
46	WH2548	Cable drum and bearing assembly - curbside
47	WH2518	Winding cone
48	WH2471	Spring spacer (Cut to relaxed spring length + 4-1/4")
49	WH2704-156X19	Torsion spring - roadside, LH wound
50	WH2705-156X19	Torsion spring - curbside, RH wound
51	WH2522	Thrust washer
52	WH10-1009-8	Cotter pin (3/16" X 1-1/2")
53	WH10-1033-2	Self locking nut (5/16"-18)
54	WH83	2" Track stop bumper
55	WH10-1010-3	Bolt, 1/4"-20 X 2-1/2"
56	WH1-XX	1/8" Stainless steel cable with 5/16" eye. (See replacement cables, page 35)
57	WH2699	Set Screw 3/8-16 X 5/8
58	WH10-1006-1	Washer, 1/4 X 3/4
59	WH2370	Bolt, 5/16 X 5/8
60	WH5726	Wear plate, for doors with bottom seal
61	WH1371-A	Complete bottom bracket with cover

Item 1, TOP PANELS
Shiplap Edge, plastic
Part No. WH240-11

Item 2,
INTERMEDIATE PANELS
Shiplap Edge
Plastic
Part Numbers:

WH242-11
WH242-11.5
WH242-12
WH242-13
WH242-15

INTERMEDIATE PANELS
Tongue & Groove Edge

Part No. WH342-11.5

Item 3,
BOTTOM PANELS
Shiplap Edge
Plastic
No Seal or "U" Channel

Part No. WH243-12
Part No. WH243-15

With "U" Channel

Part No. WH245-2-15X96

With Steel Angle & Seal Installed

Part No. WH246-1-12X96
Part No. WH246-1-15X96

Tounge & Groove Style Bottom Panel

Part No. WH345-2-15X96

ALL PANELS 96" WIDE

Note:
Curbside and **roadside** parts for Whiting doors are identified as if you were ***standing outside, at the rear of the vehicle, facing forward.***

PLY-METAL SWING DOOR PANELS

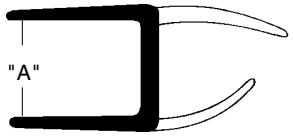
Premium exterior grade plywood cores with a variety of facings to meet your specifications..
Facings include pre-painted aluminum, mill finish aluminum, pre-painted steel, stainless steel and galvanized steel.

Part Number	Description
	1/2" CORE
1/2X4X10WH-MFA	PPW* one side, MFA* opposite. (120" tall)
	3/4" CORE
3/4X4X10SS	Stainless steel one side, galvanized steel opposite. (120" tall)
3/4X4X10WH	PPW* Aluminum one side, galvanized steel opposite. (120" tall)
3/4X4X10WH-MFA	PPW* Aluminum one side, mill finish aluminum opposite. (120" tall)
3/4X4X110.5W-HDG	PPW* Aluminum one side, HDG* oppossite. (110" tall)
3/4X4X110.5WH-MFA	PPW* Aluminum one side, mill finish aluminum opposite, (110" tall.)
3/4X4X12WH-MFA	PPW* Aluminum one side, mill finish aluminum opposite, (144" tall.)
	1" CORE, RAILROAD APPROVED
1X4X110.5W-AAR	PPW* .026 Steel one side, galvanized steel opposite, (108" long.)
	1-1/4" CORE, RAILROAD APPROVED
11/4X4X110.5G-AAR	PPG* Aluminum one side, mill finish aluminum opposite. (110.5" tall)
11/4X4X110.5W-AAR	PPW* Aluminum one side, mill finish aluminum opposite. (110.5" tall)

ABBREVIATIONS: PPW: Pre-painted White**, PPG:** Pre-painted Gray**,**
MFA: Mill Finish Aluminum, **HDG:** Heavy Duty Galvanized

VINYL DOOR SEAL FOR PLY-METAL SWING DOORS

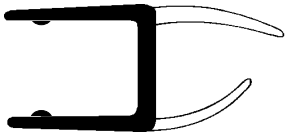
Dual Durometer Seal
A premium quality seal that stands up to severe service. Does not crack in the cold. Withstands warm weather without warping or distortion. Length - 14'



Standard
Carton Quantity: 15
(All Sizes)

Door Thickness "A"	Seal Part No.
1/2"	**1013865**
3/4"	**1013863**
1"	**1014044**
1 1/4"	**1014045**
1 1/2"	**1014076**

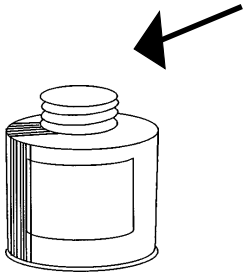
Dual Durometer "Super Seal"
Moisture is the enemy of Ply-metal doors. Sealing beads on this seal contact the door surface when this seal is installed, helping to insure a waterproof installation. Length - 14'

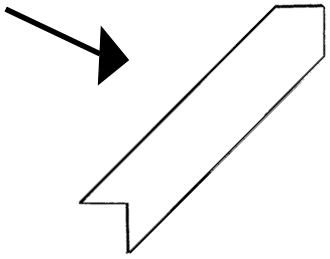


Door Thickness "A"	Seal Part No.
3/4"	**3/4X14SS**

TRAILER DOOR SEAL AND FRAME PARTS

This, goes with this

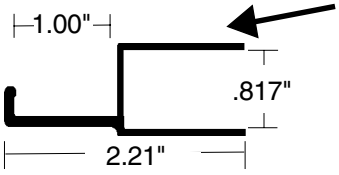


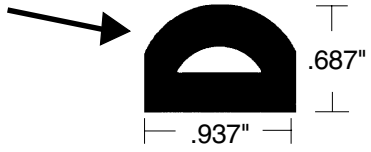


Corner Tab Adhesive	
Part No.	**Application**
1013862	4 oz. can w/brush in lid.
Welds corner tabs to seal corners.	

Vinyl Corner Tab	
Part No.	**Application**
1013859	Seals corners of doorseal after installation

This, goes with this





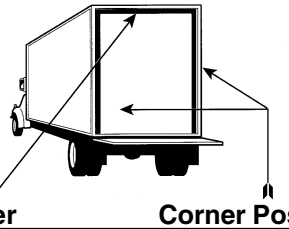
Aluminum Door Frame
For 3/4" thick ply-metal doors. Used with X128 seal shown at left. 10 foot lengths.
Part No.
X395X120

Compression Type Door Seal
Neoprene Closed cell compression type seal for use with X395 aluminum door frame. Color black. Order in feet.
Part No.
X128

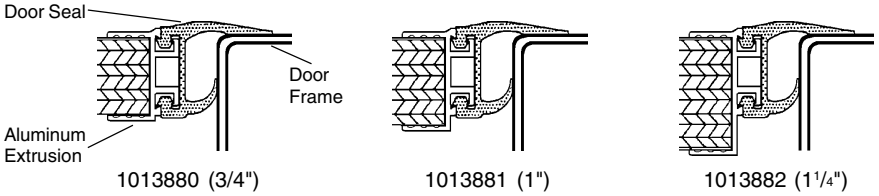
Trailer Frame Conversion Kits

Converts rear frame for swing doors to a frame for a roll-up door with the installation of this kit. Consists of 2 corner posts and one header that is welded in place after removal of swing doors.

Part No.	Kit Consists of:
70411-1	• One 7" deep header, 2" wide, 102" long • Two corner posts, 2" wide, 120" long
70411-2	• One 9" deep header, 2" wide, 102" long • Two corner posts, 2" wide, 120" long

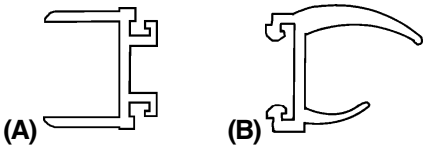


TRUSEALOR® DOOR SEALS



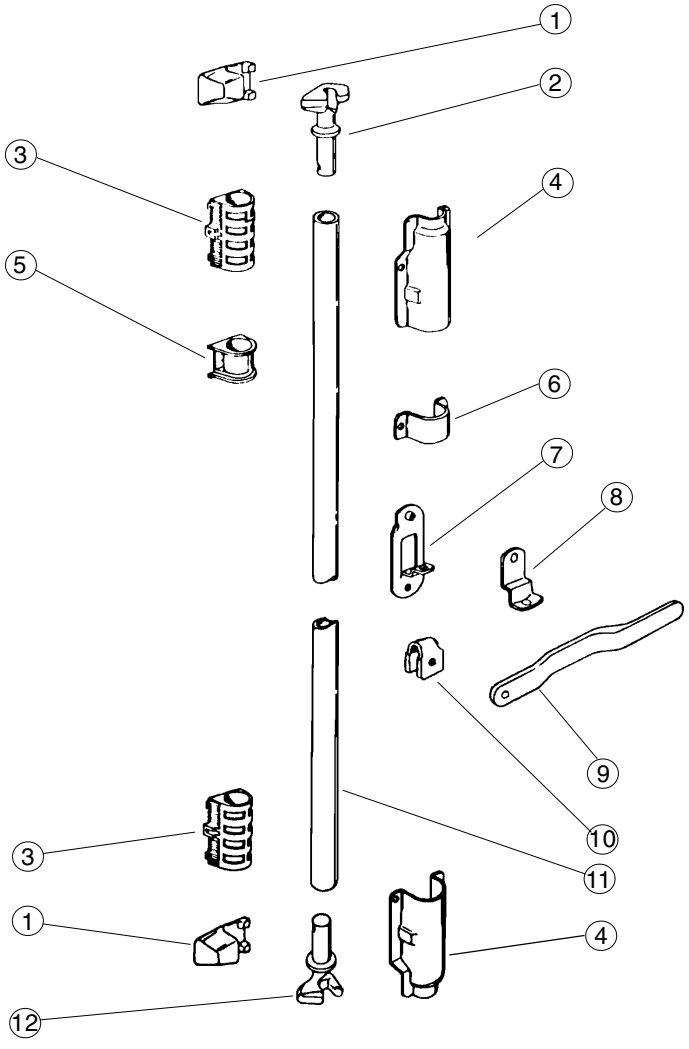
TRU-SEALOR® DOOR SEAL 14 Foot Lengths Aluminum and Vinyl Seal Assemblies Common Vinyl gasket (P/N 1013867) used in all seal assemblies (See component part numbers at right)			
Door Thickness	**Assembly Part No.**	**Includes These Components**	
		Door Extrusion	**Door Seal**
3/4"	**1013880**	**1013868**	**1013867**
1"	**1013881**	**1013871***	**1013867**
1¼"	**1013882**	**1013872***	**1013867**

*Special Order



(A) Aluminum Extrusion	
Part No.	**Application**
1013868	For 3/4" Panel
1013871*	For 1" Panel
1013872*	For 1¼" Panel
For installation on door panel.	
Standard length 14 feet.	
(B) Vinyl Door Seal	
1013867	For All Panels
Used with aluminum extrusions for	
3/4", 1⅛" and 1¼" thick panels.	
Standard length 14 feet.	

REAR DOOR LOCK HARDWARE



Rear Door Lock Hardware Kit
Zinc plating on all steel components
Can be installed on RH or LH door.

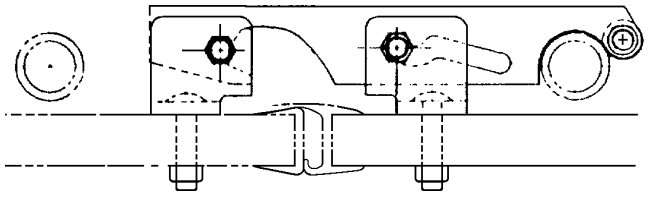
Part No. DL-BU-1

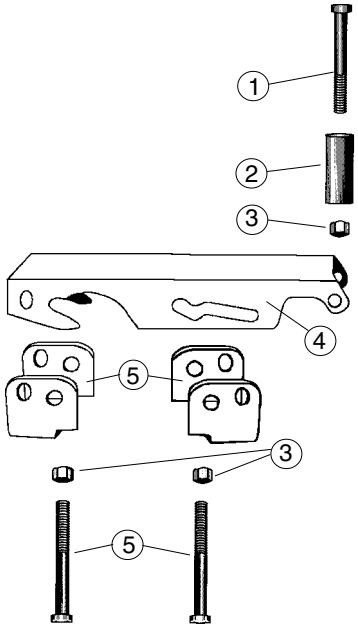
Parts List			
Item	**Qty.**	**Description**	**Part No.**
1	2	Keeper	**1064**
2	2	Rod end, top curbside	**4044**
3	2	Cam guide bearing	**4042PR**
4	2	Cam Guide	**4207**
5	2	Rod guide bearing bearing	**4006PR**
6	1	Rod guide	**4005**
7	1	Seal plate	**4011**
8	1	Seal pin	**4012**
9	1	Lever handle	**4090**
10	1	Handle mount	**4208**
11	1	Lock Shaft**	**1039113**
12	1	Rod end, bottom curbside	**4043**

**Lock brackets not included.

Lock Shaft
1 3/8" O.D. Hot Dipped Galvanized Tubing 120 Inch Length
Part No. 1039113

MID-CAM REAR DOOR LOCK HARDWARE

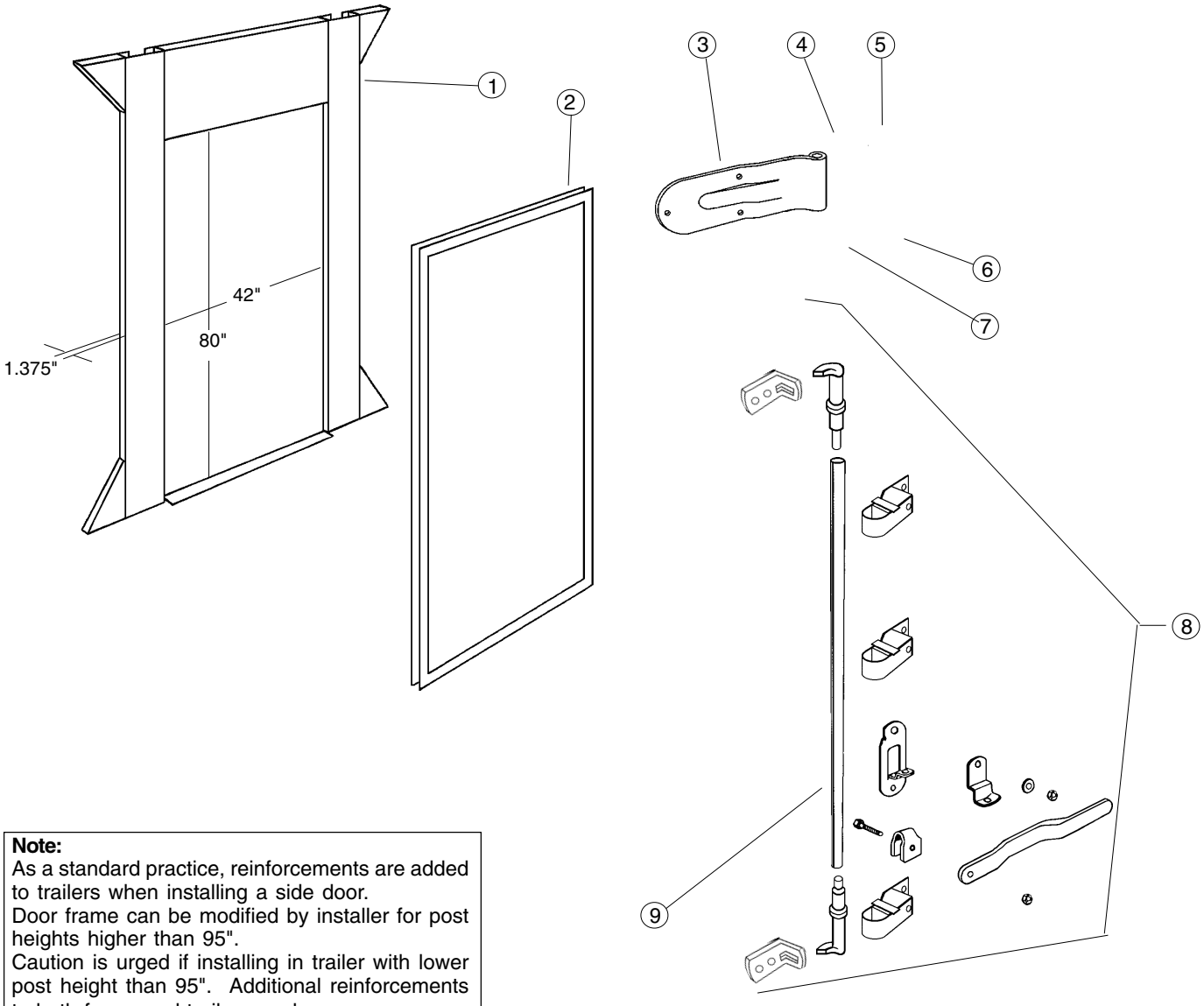




Extra Security For Rear Doors.
MID-CAM
REAR DOOR LOCK KIT
Zinc plated for long wear. An optional lock assembly for use with rear door lock hardware. **Part No. MC6000**

Item	Description
1.	3/8" X 3" Plated Hex Bolt
2.	Cam Bearing
3.	3/8" Hex Lock Nut
4.	Cam Lock
5.	Lock Brackets
6.	3/8" X 4" Plated Hex Bolt

TRAILER SIDE DOOR KIT

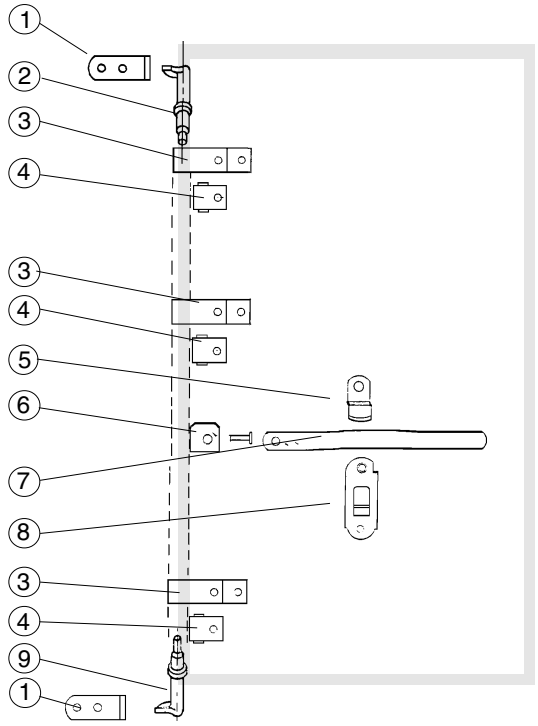


Note:
As a standard practice, reinforcements are added to trailers when installing a side door.
Door frame can be modified by installer for post heights higher than 95".
Caution is urged if installing in trailer with lower post height than 95". Additional reinforcements to both frame and trailer may be necessary.

Part No. 1190338 SIDE DOOR KIT Door Opening 42" Wide, 80" High			
Parts List			
Item	**Part No.**	**Description**	**Qty.**
1	**1114610**	Steel Frame, 95" High, 1-3/8" Post Thickness	1
2	**1208943**	Door, With Gasket, Undrilled	1
3	**1010143**	HINGE STRAP*	3
4	**1010164**	Hinge Bracket*	3
5	**1153668**	Hinge Pin*	3
6	**1036612**	Hinge Washer*	3
7	**1F-316**	Cotter Pin*	3
8	**WS-3/4**	Hardware Kit, Less Lock Rod Shaft	1
9	**7554-25**	Lock Shaft, ¾"X54¼"	1

***1190337 IS THE KIT NUMBER FOR ALL HINGE HARDWARE**

SIDE DOOR LOCK HARDWARE

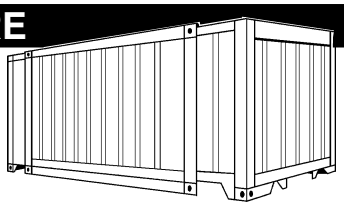


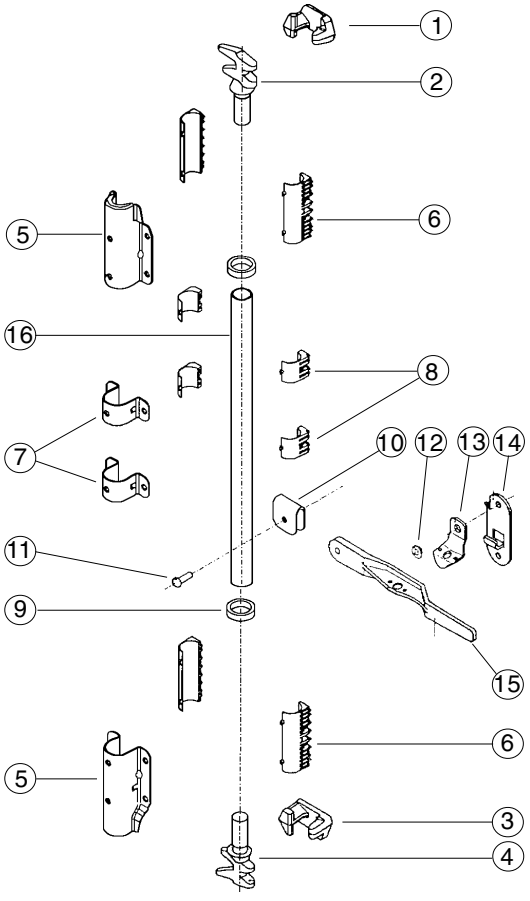
SIDE DOOR LOCK
Part No. WS-3/4
Zinc plating on all forged steel parts
Can be installed for RH or LH opening.

Item	Part No.	Description
1	**1064**	Cam Keeper
2	**4148**	Cam End (lever to right)
3	**4085**	Guide Plate
4	**4077**	Guide Plate
5	**4012**	Seal Pin
6	**4208**	Lever Mount
7	**4090**	Lock Rod Lever
8	**4011**	Seal Plate
9	**4147**	Cam End (lever to left)

Note: Lock shaft not included with Kit.
Shaft is 3/4" pipe, 54 1/4" long.
Order Separately under **Part No. 7554-25**

CONTAINER DOOR LOCK HARDWARE



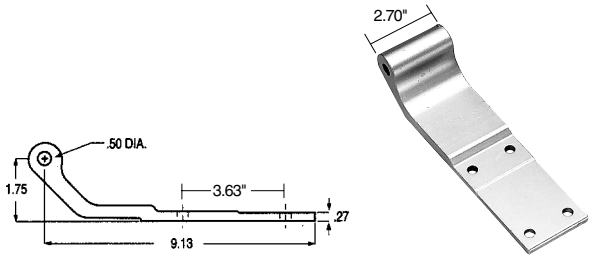


BLOXWICH

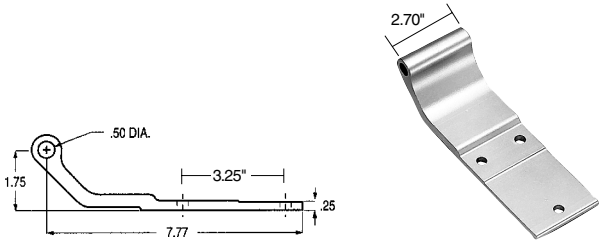
BLOXWICH Container Swing Door Lock Hardware				
Item	Part No.	Bloxwich	Qty.	Description
1	**1411104**	10153	1	Keeper, LH
2	**1411102**	10081	1	Cam, LH
3	**1411103**	10152	1	Keeper, RH
4	**1411101**	10080	1	Cam, RH
5	**1411114**	10158/1	2	Bearing Bracket, Large
6	**1411106**	10159/1	2	Bushing, Large
7	**1411108**	10163	2	Bearing Bracket, Small
8	**1411109**	10160	2	Bushing, Small
9	**1411105**	10176	2	Anti-rack Ring
10	**1411115**	22084	1	Hub, Handle
11	**1411100**	10038/1	1	Rivet, handle
12	**1411117**	22185	1	Bushing
13	**1411112**	22192	1	Retainer Catch
14	**1411111**	22183	1	Retainer Plate
15	**1411116**	22182	1	Handle
16	**1039113**	- - -*	1	Lockshaft*

*1 3/8" O.D. Hot Dipped Galvanized Tubing, 120 Inch Length

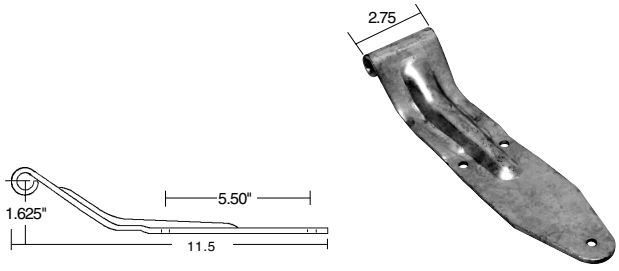
REPLACEMENT DOOR HINGE STRAPS



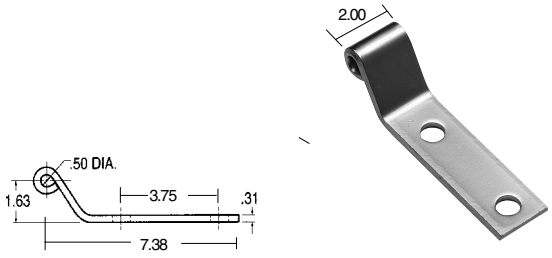
DORSEY	
Part No.	**Description**
1010158	Aluminum, 4 Hole
	Replaces 2810093



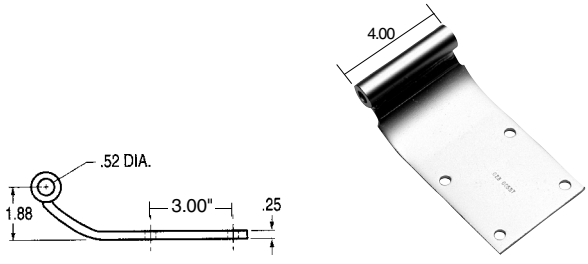
DORSEY	
Part No.	**Description**
1010159	Aluminum, 3 Hole
	Replaces 2810919



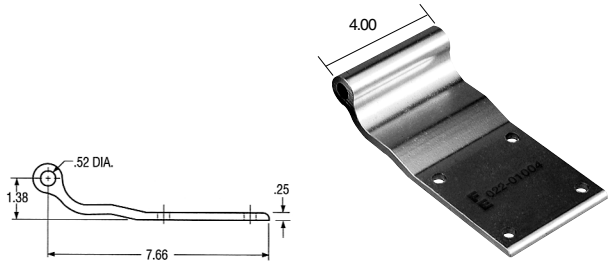
DORSEY	
Part No.	**Description**
4101481	Steel 3 Hole Hinge
	Zinc plated. Use with 4101483 hinge butt.



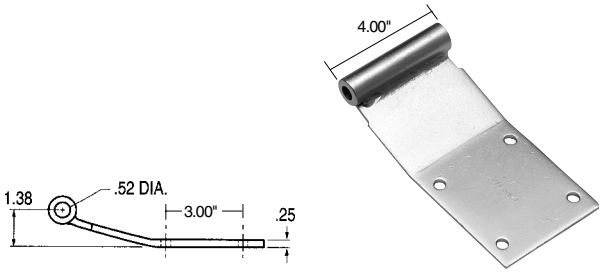
FRUEHAUF	
Part No.	**Description**
DXA000687-001	Steel, 2 Hole Hinge
DXA000686	Hinge Nut (Not Shown)



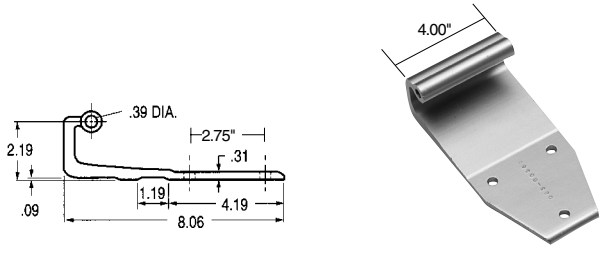
FRUEHAUF	
Part No.	**Description**
DCE008681-001	4 Hole Hinge, 4" Wide
	Steel, zinc plated.



FRUEHAUF	
Part No.	**Description**
1010168	4 Hole Hinge
	Extruded aluminum, replaces BCF004678001

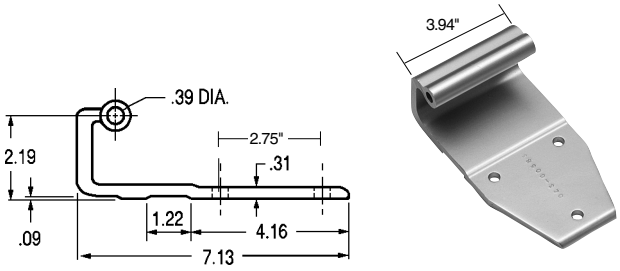


FRUEHAUF	
Part No.	**Description**
DCF003980-001	4 Hole Hinge, 4" wide
	Steel, zinc plated.

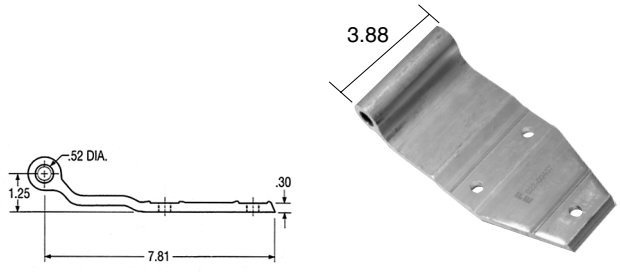


GREAT DANE	
Part No.	**Description**
1010145	3 Hole Hinge
	Extruded aluminum, replaces 08206

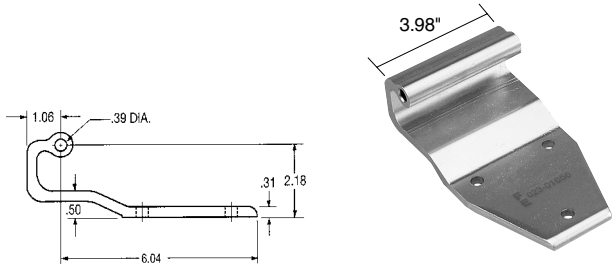
REPLACEMENT DOOR HINGE STRAPS



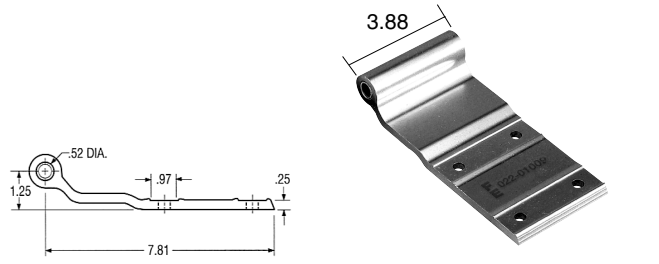
GREAT DANE	
Part No.	**Description**
1010146	Extruded Aluminum, 3 Hole
	Replaces 08138



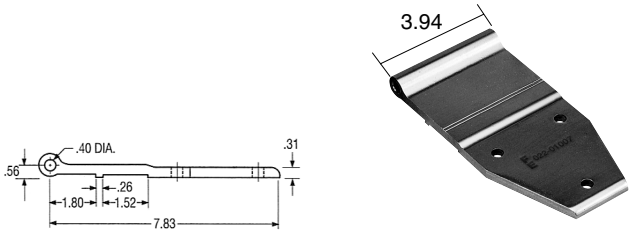
GREAT DANE	
Part No.	**Description**
1010157	Hinge w/ Insert
	Extruded aluminum, replaces 31801018



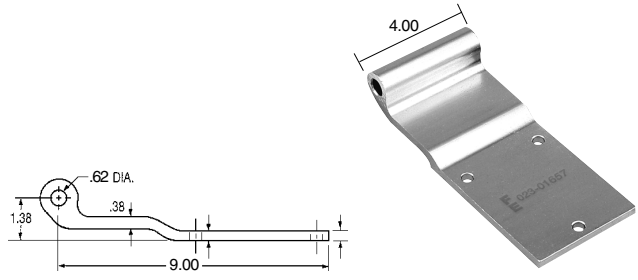
GREAT DANE	
Part No.	**Description**
1010163	Extruded Aluminum, 3 Hole, New Style
	Replaces 42500813



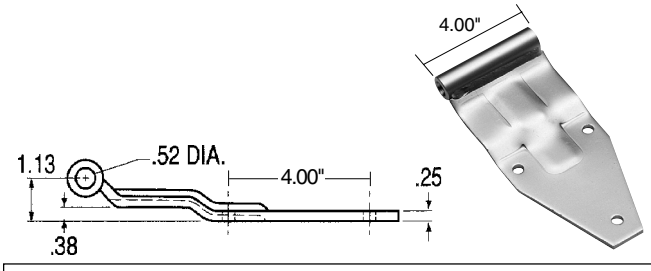
GREAT DANE	
Part No.	**Description**
1010167	4 Hole Hinge
	Extruded aluminum, replaces 31800904



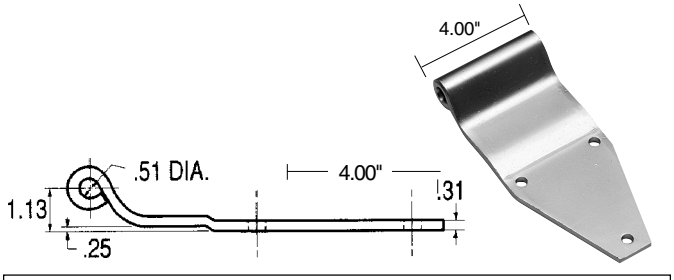
GREAT DANE	
Part No.	**Description**
1010169	3 Hole Hinge
	Extruded aluminum, replaces 15152



HYUNDAI TRAILER	
Part No.	**Description**
TRR7000C-AH	Extruded Aluminum 3 Hole Hinge

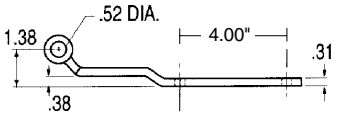


KENTUCKY	
Part No.	**Description**
1010144	3 Hole Hinge
	Steel, zinc plated, replaces A1-5984-50



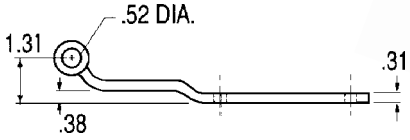
MILLER	
Part No.	**Description**
1010141	3 Hole Hinge
	Steel, zinc plated, replaces B17-0116C

REPLACEMENT DOOR HINGE STRAPS

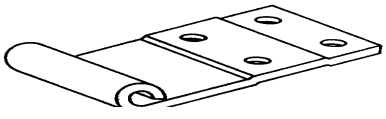


Replacements for Lufkin, Stoughton, Wabash

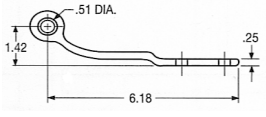
MINER STEEL HINGES	
Part No.	**Description**
H-1060-3	3 Hole Hinge, 5/16" Steel
H-1081	3 Hole Hinge, 1/4" Steel
H-1060-4	4 Hole Hinge, 5/16" Steel
H-1060-5-5	5 Hole Hinge, 5/16" Steel

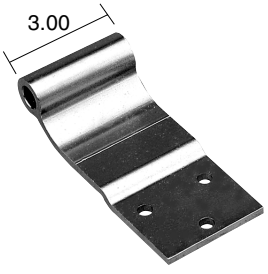


PINES	
Part No.	**Description**
1010160	3 Hole Hinge, 2.62" Wide
	Aluminum, replaces AE54111

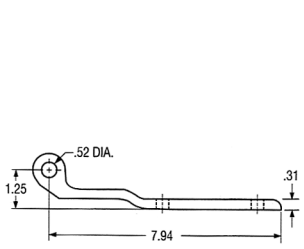


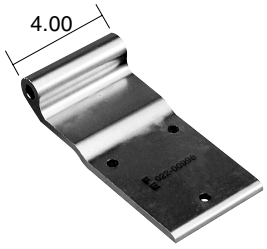
STRICK	
Part No.	**Description**
1010140	4 Hole Hinge, 2.25" wide Steel, zinc plated
	replaces AA35F000200100



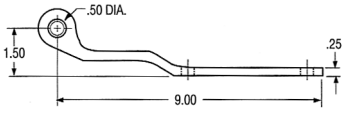


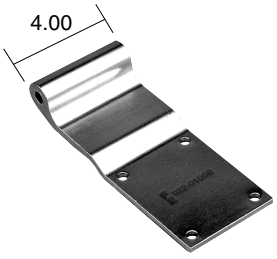
STRICK	
Part No.	**Description**
1010170	3 Hole Hinge w/Insert , Extruded aluminum
	replaces AA35F00100100, SK01475



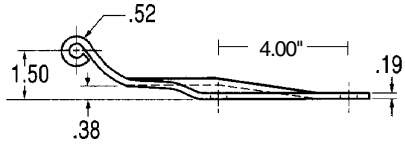


MONON	
Part No.	**Description**
1010183	3 Hole Hinge
	Extruded aluminum, replaces PC1310

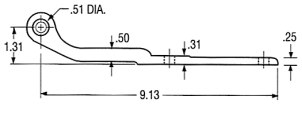


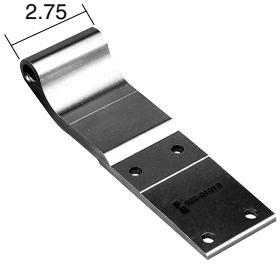


STOUGHTON	
Part No.	**Description**
1010166	4 Hole Hinge
	Extruded aluminum, replaces 04-08316



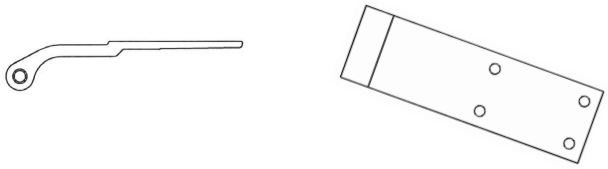
STRICK	
Part No.	**Description**
1010143	3 Hole Hinge, steel, zinc plated
	Replaces AA33C-0106-01, SK01361



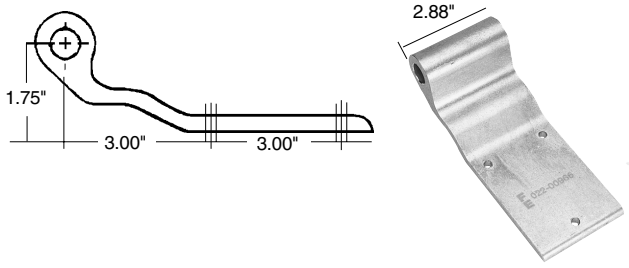


STRICK	
Part No.	**Description**
1010171	4 Hole Hinge Extruded aluminum
	replaces AA35F00230100, SK01476

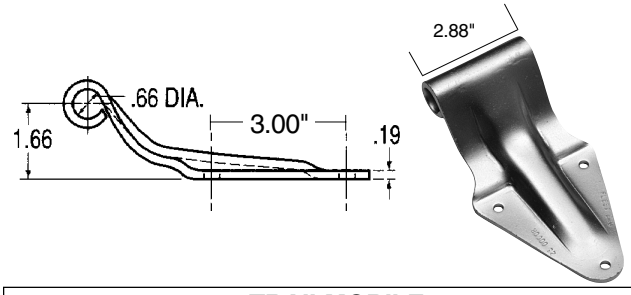
REPLACEMENT DOOR HINGE STRAPS



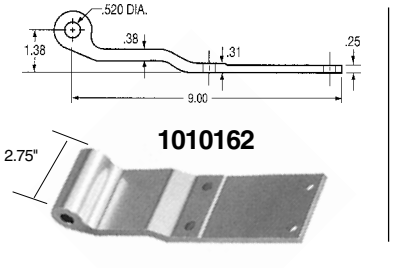
STRICK		
Part No.	**Description**	**Replaces**
SK01361	Hinge Strap	AA33C01060100
SK01476	Hinge Strap	AA35F00230100
SK01330	Hinge Butt	AA33B17190100



TRAILMOBILE	
Part No.	**Description**
1010161	Extruded Aluminum 3 Hole Hinge
	Replaces 515-10-65



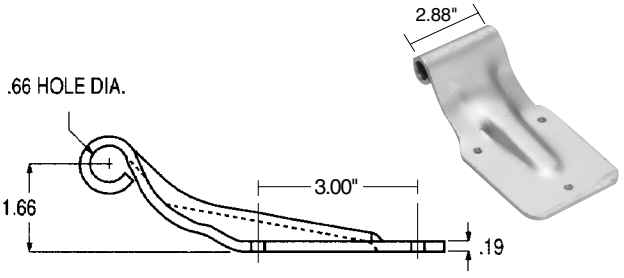
TRAILMOBILE	
Part No.	**Description**
1010142	Steel, zinc plated, 3 Hole
	Replaces 515-10-61A



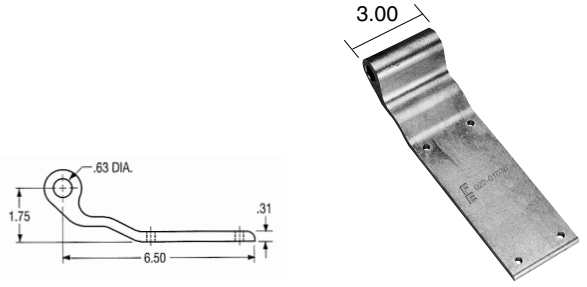
1010162

P108940A

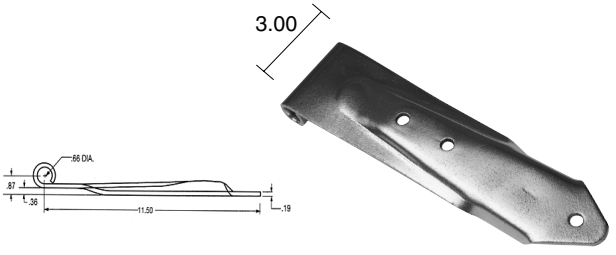
WABASH	
Part No.	**Description**
1010162	Extruded Aluminum 4 Hole Hinge (21100291)
P108940A	Extruded Aluminum 4 Hole Hinge 2-3/4" x 8-1/2"



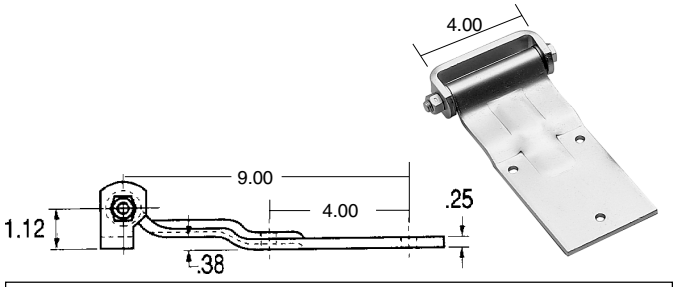
TRAILMOBILE	
Part No.	**Description**
1010139	Steel, zinc plated, 3 hole
	Replaces 515-10-73A



TRAILMOBILE	
Part No.	**Description**
1010184	4 Hole Hinge
	Extruded aluminum, replaces 515-10-78-1



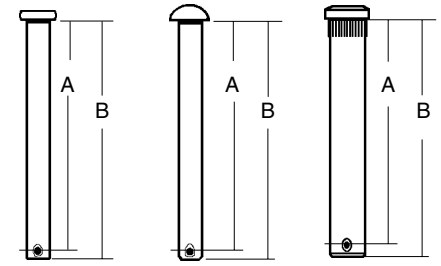
UTILITY	
Part No.	**Description**
1010165	3 Hole Hinge, Steel Construction
	Zinc Plated, replaces UTM-4950-004



VARIOUS APPLICATIONS	
Part No.	**Description**
1010147	Steel, zinc plated; sold as assembly only.
	Pin includes removable nut, bolt, washers

REPLACEMENT TRAILER DOOR HINGE PINS

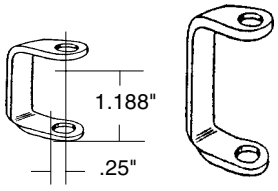
Hinge Pins Steel, Zinc plated						
Part No.	Type	"A" Dia.	Length "A"	Length "B"	Hole Size	Application
1010138	C	5/8"	$3^{7}/_{8}$"	$4^{1}/_{16}$"	5/32"	Trailmobile
1153668	A	1/2"	$3^{7}/_{8}$"	$4^{1}/_{8}$"	5/32"	Various
1153666	A	1/2"	5"	$5^{1}/_{4}$"	5/32"	Miner Hinges
1153667	B	3/8"	$4^{27}/_{32}$"	5"	1/8"	G Dane



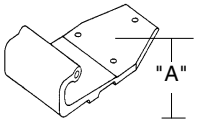
Type A Type B Type C

REPLACEMENT DOOR HINGE BRACKETS

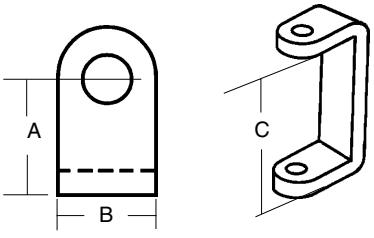
Fruehauf Style Hinge Bracket	
Part No.	Application
WCE009567-001	4" Wide Hinges
For 1/2" hinge pins	



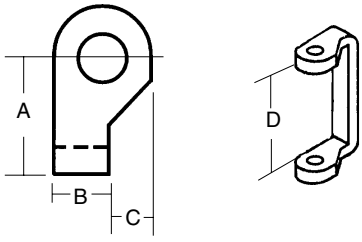
Fruehauf Style Hinge Bracket	
Part No.	Application
WCF003981-001	4" Wide Hinges
For 1/2" hinge pins	



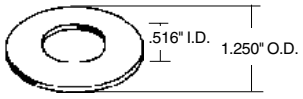
Universal Hinge Bracket	
Part No.	Dim. "A"
1010154	1.375"
1010156	1.750"
For any width hinge	
For 1/2" diameter hinge pins	



Hinge Brackets			
Part No.	A	B	C
1010164	1.00"	1.188"	3.188"
1010151	1.062"	1.25"	4.250"
4101483	2.125"	1.250"	2.875"



Hinge Brackets				
Part No.	A	B	C	D
1010150	1.062"	1.25"	.375"	4.250"
1153700	1.313"	.750"	.500"	2.125'
HB-1156-6	1.438"	.875"	.375"	4.250"



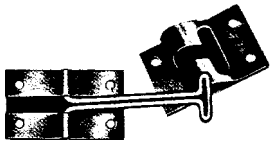
Nylon Hinge Bearing Washer	
Part No.	Application
1036612	1/2" Hinge Pins
Use between bottom of hinge and hinge bracket	

TRAILER REAR DOOR HOLDERS

Wire Door Holder (A)		
	4" Assembly	
Assembly Part No.	Male Part Only Part No.	Female Part Only Part No.
1037901-4-25	**1037901-4-M**	**1037901-F**
6" Assembly		
1037901-6-25	**1037901-6-M**	**1037901-F**

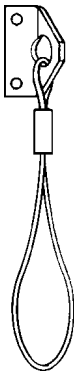
Heavy Duty Cast Door Holder, "T" (B)		
4" Assembly		
Assembly Part No.	Male Part Only Part No.	Female Part Only Part No.
1037900	**1037900-M**	**1037900-F**

A

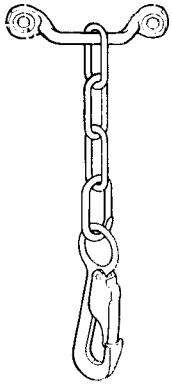


B

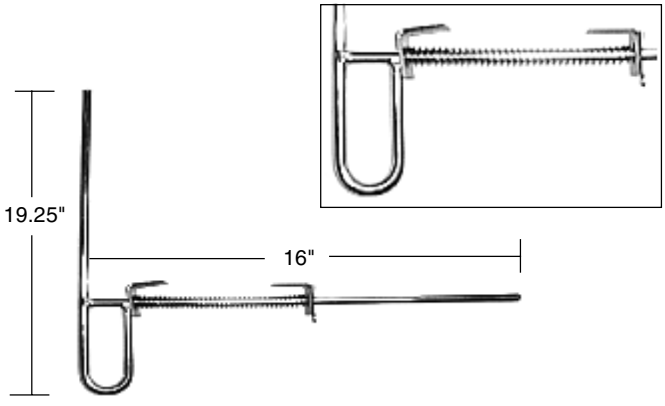
TRAILER REAR DOOR HOLDERS



Fruehauf Style Door Holder	
Part No.	**Description**
1010148	Plastic coated cable.
	9/32" dia. holes on 1 1/2" centers



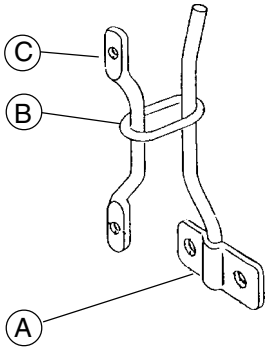
Chain & Snap Assembly with Anchor	
Part No.	**Description**
1010149	Approx. 7.5" from surface to clasp end.
	.25" holes on 2.63" centers. Zinc plated.



Spring Loaded Door Holder	
Part No.	**Description**
1037902	Steel 1/2" diameter rod, zinc plated
	Stores out of way when not in use.

FLEET ENGINEERS INCORPORATED

Link Type Door Holder	
All Steel, Bright Finish	
2" Link Assembly	**4" Link Assembly**
Part No. 1010380-2	**Part No. 1010380-4**
Individual Parts	
(A) Post & Bracket	**Part No. 1010381**
(B) 2" Link	**Part No. 1010382**
4" Link (G Dane)	**Part No. 1010384**
(C) Anchor	**Part No. 1010383**



SEALANTS / ADHESIVES

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Fleetcraft Adhesive Sealant
Bonds to most any substrate surface. Firm skin forms in approximately 3 minutes, with 15 minutes to reposition surfaces. (65-A)
36 11 oz. cartridges per carton
White: Part No. 1100846
Gray: Part No. 1100845

MANUS-BOND

Manus-Bond 501-A
Formulated with a blend of the strongest and most flexible synthetic rubbers. Excellent weather resistance and sealing properties.
36 11 oz. cartridges per carton
White: Part No. 1100843
Gray: Part No. 1100844

Sikaflex® -221
One of the most popular polyurethane sealant/adhesive in the world. Adheres to steel, fiberglass, wood, aluminum and a wide variety of other substrates. (24 - 10.3 U.S. fluid ounce tubes per catron.)

Part No. 221-241 (white)

Part No. 221-242 (gray)

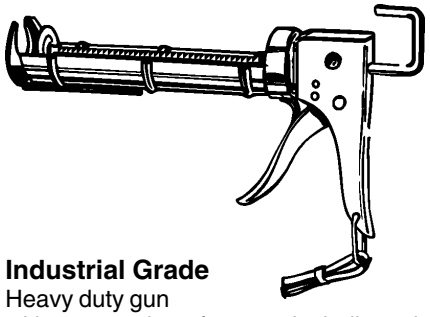
FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Fleetcraft Silicone Rubber Sealant
A one component room temperature curing silicone elastomeric sealant and adhesive. Does not require addition of activators, stabilizers or catalyst to achieve optimum properties. May be applied to most substrates. Exceptionally resistant to weathering and temperature extremes. (73-A)
24 10.3 oz. cartridges per carton
Clear: Part No. 1190161
White: Part No. 1190162
Aluminum: Part No. 1190163
Black: Part No. 1190168

MANUS-BOND

Manus 30A
A one component air drying synthetic rubber based sealer. It exhibits excellent weather resistance, sealing capabilities, adhesion to steel, aluminum and wood and retains its flexibility for years.
36 11 oz. cartridges per carton
White: Part No. 1100856
Aluminum: Part No. 1100857

CAULKING GUN



Industrial Grade
Heavy duty gun
with many unique features including tube seal puncture tool, spout cutter and more.
Zinc chrome plated.
Part No. 1100800

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Fleetcraft Fleet-Bond Adhesive Sealant
Excellent adhesion to many substrates including aluminum, brass, steel, glass, mortar, granite, marble, wood and many plastics. Cures fast over a wide range of temperatures. Non-yellowing. Can be painted with most paints. Contains no solvents; has minimal shrinkage. Conforms to Federal Specification TT-S-00230C, Class A and ASTM C920, Class A. (75-AM)
36 11 oz. cartridges per case
White: Part No. 1100852
Gray: Part No. 1100851

Silaprene®

Uniroyal Silaprene Adhesive Sealant
Bonds virtually all types of metal, plastics, masonry and concrete. For bonding and sealing in the manufacture/repair of transportation vehicles. Use as adhesive or high performance sealant.
10 11 oz. cartridges per carton
Note: A nonreturnable item.
Gray: Part No. 1100848
White: Part No. 1100849
Super White: Part No. 1100850

Fulaprene® 303

Fullaprene 303
Adhesive sealant. Bonds aluminum to aluminum as well as a variety of treated and untreated metal, plastics and other surfaces. Dries to the touch in 3 minutes; reposition in 15 minutes.
24 11 oz. cartridges per carton

White: Part No. 1100846-FUL
Gray: Part No. 1100845-FUL

MISCELLANEOUS CHEMICALS

LUMA-SHIELD

Brush Grade Aluminum Coating
Covers 50-100 square feet over uncoated metal roofs.
4 1 gallon cans per case
Part No. 1013476

MANUS-BOND

MANUS-BOND

Manus-Bond 65-H
A quick-dry roof seal. Needs no primer. Adheres to stainless steel, bare aluminum, wood, and other nonferrous metals. Exceptionally resistant to weathering and temperature extremes.
4 1 gallon cans
Gray: Part No. 1013479

SMOKE BOMB

Smoke Bomb
The Superior™ smoke bomb generates 40,000 cubic feet of whitish gray smokewhile burning from two to three minuets. Used as a leak tester for van trailers.

Part No. 3C-SMOKE

KEY POLYMER CORP.
FLOOR RESTORE™

Solvent-Free V.O.C. Free Floor Restore
A state of the art 100% solid product that meets today's safety and environmental concerns with the same durability and ease of application that Floor Restore users are accustomed to. This lightweight, flexible epoxy system fills gouges, small cracks, delaminations, and waterproofs the entire floor.
Depending on floor condition, one kit will cover one 48 foot, or 53 foot 102" wide floor.
Kit No. EC1055AB (48')
Kit No. EC53AB (53')

Crack Filler
Key Epoxy Crack Filler is used whenever a damaged floor is being prepared for full restoration with Floor Restore. Crack Filler is specifically designed to fill deep gouges and holes that run through the trailer floor showing daylight.
One quart unit:
Part No. FP100-QT
Three 1 quart unit pack:
Part No. FP100-BULK

For Greater Slip:

High Gloss Solvent-Free Kit for Furniture Vans
The only tools required are a window squeegee and a high quality thin nap paint roller. Covers 48 foot, 102" wide floor.
Part No. KEY-87269AB-FVFK

When applied properly, Floor Restore has a slip characteristic similar to that of a new wooden floor. You can easily adapt Floor Restore to suit your needs.

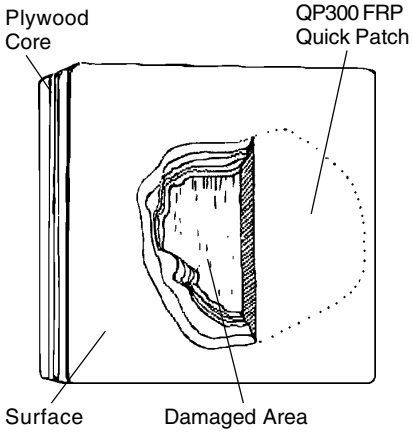
For Greater Traction:
Nonslip properties can be added while installing Floor Restore to all of the floor, or to the rear only. A new traction additive, Key Slip Stop, which is mixed into Floor Restore in the field is available. The addition of Slip Stop provides a surface similar to rubber. Approximately 5 pounds of Slip Stop is needed for one 48 foot 102" wide floor. This is a special order item.
Part No. SS200
Minimum Order is 30 lbs, in 2.5 lb plastic quart bottles.

SEAL-GAP

Seal-Gap
Seals seams, rivets, patches and skylights. Applies to wet or dry surface. Non-hardening rubber base. Can be painted.
New improved formula.

4 One gallon cans per case
Part No. 1013477

FRP Quick Patch Epoxy
Repairs FRP sidewalls and plastic reefer liners. Small damage easily repaired to prevent structure damaging rot.
Part No. QP300-QT



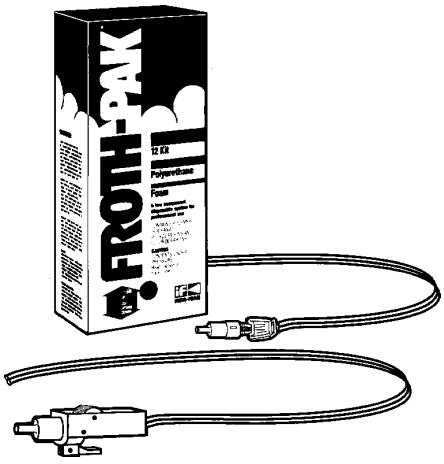
FROTH-PAK® POLYURETHANE FOAM SYSTEMS

Flexible Products Company

FROTH-PAK® 12 Kit 157802

Density (PCF)	Theoretical Yield*	Part No. FP12KIT
1.75	12 Board feet	
	1 Cubic Foot (FROTH-PAK 12 Kit)	

Contents
FROTH-PAK 12 Kit Standard:
1 A Can
1 B can
2 spray nozzles with 24" hoses,
1 pinch clamp per kit



FROTH-PAK® 180 Kit 157804

Flexible Products Company

Density (PCF)	Theoretical Yield*	Part No. FP180
1.75	200 Board feet	
	16.6 Cubic Foot (FROTH-PAK 180)	

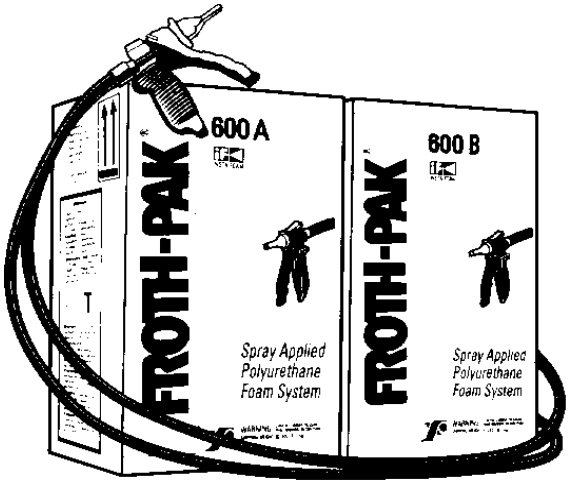
Contents
FROTH-PAK 180 Kit: 1 A and 1 B Cylinder
6 NS Spray Nozzles
4 GG Spray Nozzles
1 71/2' Gun Hose Assembly (GHA)
1 wrench
1 Petroleum Jelly Packet

FROTH-PAK® 600 Kit 30FK214

Flexible Products Company

Density (PCF)	Theoretical Yield*	Part No. FP600
1.75	600 Board feet	
	50 Cubic Foot (FROTH-PAK 600)	

Contents
FROTH-PAK 600A: 158099 — 1 A Cylinder
FROTH-PAK 600B: 158098 — 1 B Cylinder
INSTA-FLO GHA-15: 158398 — 10 NS Spray Nozzles
1 15' Gun Assembly (GHA)
1 wrench
1 Petroleum Jelly Packet



*The theoretical yield listed has become an industry standard for identifying certain sized of two components kits in relation to their general output of mixed foam. Theoretical yield would be perfect in laboratory conditions, without taking into account loss of blowing agent, off-ratio foam, varying temperature and humidity conditions and other impacters on the ability to obtain optimum foam reproduction from liquid chemical in the kits. You will no doubt obtain less than the theoretical yield amount.

PAINTS, TAPES, AND CHEMICALS

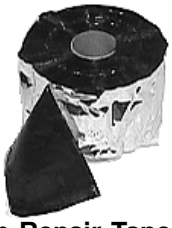
SPRAY PAINT

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Fleetcraft Spray Paint
A high quality quick drying spray enamel that provides uniform coverage, good adhesion. In popular colors.
12 - 11 oz. net cans per case.

Part No.	Color
1210300	Gloss White
1210303	Gloss Black
1210304	Flat Black
1210306	Light Gray
1210307	Bright Silver
1210311	Bright Red
1210320	School Bus Yellow
1210322	Cummins Beige
1210326	Dull Aluminum
1210340	Gray Primer
1210344	Red Primer
1210346	Platinum Gray Primer
1210347	Detroit Diesel Green
1210363	Ford Dark Blue

ALUMINUM REPAIR TAPE

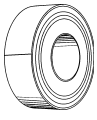


Aluminum Repair Tape
Aluminum foil face with adhesive sealant onback.Use on roof or sidewall repair. Part numbers describe size in width (inches) and length (feet).
Part No. 3X50FT
Part No. 4X50FT
Part No. 4X50FT-WH
Part No. 6X50FT

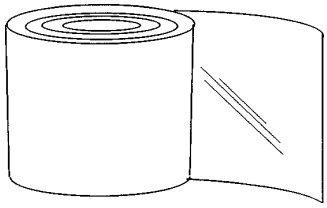
ELECTRICAL TAPE

Part No. 10200ET

10 in a sleeve

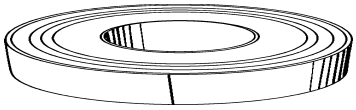


INSULATION TAPE



A transparent tape used to help prevent the corrosion that occurs when aluminum and steel are joined. Use between steel crossmembers and aluminum rails or anywhere aluminum and steel come together.
4" Wide Part No. 1100865
6" Wide Part No. 1100866

FOAM TAPE



A self adhesive tape for sealing the seams where trailer side panels overlap. 1/8" x 7/8" x 75' rolls.
Part No. 1059611

ROOF BOW TAPE

A 100% solid cross linked butyl tape.
It never hardens or loses its flexibility.
Exceptional resistance to weathering and temperature extremes.
1/16" X 3/4". 16 100' rolls per case.
Part No. 1059610

MASKING TAPE

General Purpose Masking Tape.
2" Wide
60 yard roll.
Part No. 1100900

DUCT TAPE

2" x 60 yards.
Part No. 1100901

TEFLON TAPE

Pipe Thread Tape
1/2" x 7 yards
Part No. 1100902

PROTECTIVE COATING

A petroleum based liquid gel designed for long term protection of metal surfaces in severe weather and salt corrosive conditions. Provides outstanding protection using the latest in calcium gel and sulfonate technology. 12 - 13 oz. cans per case.
Part No. 1210400

cyclo® AUTOMOTIVE PRODUCTS

Undercoating
Rubberized.
Professional Looking Textured Finish
• Fights rust
• Soundproofs
• Quick drying
• Restores protection
17 oz. net wt.
Part No. C-35

BRAKE CLEANER

Cleans & degreases surface contaminants from disc, drum, ABS braking systems, CVC joints.
Net 20 oz. can
12 per case
Part No. BC-1
Part No. BCN-1
(non-chlorinated)

PENETRATING FLUID

Frees everything rusted or corroded. 16 oz. spray can. 12 per case.
Part No. 075-516-OIL

CYCLO HEAVY DUTY PRODUCTS

Carb Clean

Carb Clean
Pro Strength
Fast Gum Cutter™
- Powerful solvent spray removes varnish, carbon & dirt from carbs, automatic chokes, PVC valves and linkages
- Safe for oxygen sensors
- Cleans fuel injector throttle plates

12 13 oz. cans per case
Part No. C-1

Brake & Parts Clean

Brake & Parts Clean
Pro Strength
- Fastest most effective cleaner
- Extra fast drying
- Nonflammable blended chlorinated formula

Part No. C-32

Brake & Parts Clean

Brake & Parts Clean
Pro Strength
Non-Chlorinated
- Extra fast dryer and super strong cleaner
- Eliminates chlorinated solvent concerns in waste oil disposal

Note: This formula is flammable

12 15 oz. cans per case
Part No. C-111

cyclo AUTOMOTIVE PRODUCTS

Electric Motor Cleaner

Pro Strength
- Cleans and degreases electrical systems, starters, generators, alternators, solenoids and equipment
- Evaporates quickly & completely
- Nonflammable

12 18 oz. cans per case
Part No. C-37

Heavy Duty Degreaser

Heavy Duty
Engine Clean
Degreaser
- Penetrating solvent formula
- Quickly removes grease & grime
- Spray on, hose off

12 16 oz. cans per case
Part No. C-30

Penetrating Oil

Break • Away
Fast Penetrating
Oil & Lubricant
- Penetrant & super lubricant
- Breaks loose rusted joints & bolts
- Controls rust, corrosion & squeaks
- Contains no silicone

12 13 oz. cans per case
Part No. C-10
4 1 gallon cans per case
Part No. C-13

White Grease

Heavy Duty
Lithium Plus Teflon
Unique liquefied bland of greases - penetrates, then solidifies
- Long lasting
- Stays pliable
- Reduces wear
- Stops Squeaks
- Great for hinges, latches, sliding cables, etc.

12 11 oz. cans per case
Part No. C-34

Silicone Spray

Heavy Duty
Greaseless Lubricant
-40 to +400 Deg. F
- Superior dry lubrication for metal, rubber, plastic
- Conditions and protects metal and rubber parts
- Seals out moisture
- More active silicone than many other brands
- Great for hinges,

12 10 oz. cans per case
Part No. C-33

Glass Cleaner

Glass Clean™
Streakproof Formula
- Safe for window tinting film
- Cuts grease, grime & nicotine film
- Contains no ammonia
- No run foam spray

12 23 oz. cans per case
Part No. C-31

CYCLO HEAVY DUTY PRODUCTS

Battery Cleaner

Battery Cleaner & Acid Leak Detector

- Cleans & helps protect battery terminals, clamps, connectors, cables & carriers
- Removes corrosion
- Locates and identifies acid leaks
- Extends battery life

12 - 12 oz.
cans per case
Part No. C-120

Battery Protector

Heavy Duty

- Protective red-colored coating prevents corrosion
- Soft pliable formula flows into cracks & crevices for maximum protection
- Extends battery life

12 - 11 oz.
cans per case
Part No. C-121

Washer Concentrate

Windshield Washer Cleaner & Anti-Freeze 100% Concentrate

- All season product: Winter antifreeze & summer cleaner
- 100% concentrate formula - many competitive products are 40% water
- Custom blend to match current conditions

12- 16 oz. units per case

Part No. C-207

Also in stock:
Part No. WW1G
(1 gallon container)

Power Steering Fluid

- Help stop leaks and squeaks
- Smooth year-around performance
- Protects against wear

12 - 32 oz. cans per case
Part No. C-28

Brake Fluid

Super Heavy Duty
450° F DOT 3

- Formulated for disc and drum brakes
- Mixes with all DOT 3 brake fluids
- High-temp formula 450° F min. dry boiling point

12 - 32 oz. cans per case
Part No. C-56
5 Gallon Can
Part No. C-58

MYSTIK® LUBRICANTS

Mystik®

Mystik® JT-8®

Super Heavy Duty Motor Oils For API Service CG-4, CF-4, CE, CF-2, CD-ii, CF/SH*

Mystik® JT-8® Super Heavy Duty Motor Oils

- Resists oil thickening from oxidation for long-term fuel economy
- Minimizes seal leakage problems due to compatibility with nitrile, silicone and polyacrylate seals
- Provides long life to bearings and valve train assemblies because of excellent antiwear and anticorrosion properties
- Protects against deposit formation at both low and high temperatures
- Available in all required viscosity grades plus SAE 15W-50.

Multi-Grade Super Heavy Duty					
Part No.	**Desc**	**Container**	**Part No.**	**Desc.**	**Container**
1412029	5W-30	Quart	**1412004**	15W-40	2 Gallon
1412037	5W-30	55 Gallon	**1412002**	15W-40	55 Gallon
1412031	15W-40	Quart	**1412007**	15W-50	2 Gallon
1412030	15W-40	1 Gallon	**1412005**	15W-50	55 Gallon

*In appropriate viscosity grades

MYSTIK® LUBRICANTS

Mystik® JT-6® Multi-Purpose and MultiPurpose High Temp Greases NLGI Certified GC-LB NLGI No. 2

Mystik® JT-6® Premium High Temperature Lithium Complex Grease is designed to meet the high temperature conditions of modern universal joints, the extreme pressures of wheel bearings and the water washout conditions of fifth wheels and chassis points. It is engineered to provide a Timken OK load of 80 lbs. and unequaled shock load protection. This is a true multipurpose lubricant. It provides superior rust, oxidation and corrosion resistance when compared to conventional greases.

14 oz. Tube
Part No.1014016

JT6®

Multi-Purpose Hi-Temp JT-6		
Part No.	**Container**	**Case Qty.**
1412016	14 oz. Cart.	10
1412017	120 lb. Keg	1
1412023	35 lb. Keg	1
1412039	400 lb. Keg	1

Features of Mystik JT-6 Multi-Purpose Grease

- Waterproof and highly water wash resistant
- Excellent extreme pressure properties
- Outstanding rust and corrosion protection
- Very low oil separation rate
- Light colored and low staining
- Smooth stringy texture
- Extended lubrication intervals save product and labor costs
- Multipurpose, which helps avoid costly misapplication
- Good oxidation resistance

14 oz. cartridge
Part No. 1412018

JT6®

15 oz. Spray Can
Includes delivery tube
for hard to reach points
Part No. 1412020

Multi-Purpose JT-6		
Part No.	**Container**	**Case Qty.**
1412018	14 oz. Cart.	10
1412019	120 lb. Keg	1
1412022	35 lb. Keg	1
1412038	400 lb. Drum	1
JT-6 Spray Grease		
1412020	15 oz. Can	12

JT-7 Multi-Purpose Gear Lubricant

Performance Highlights:
Mystik JT-7 SAE 80W-90

- MIL-L-2105D
- MIL-L-2105C
- Mack GO-H
- Rockwell 0-76-D
- IH B-22
- API GL-3 to GL-6*
- API MT-1
- AGMA 4EP

Mystik JT-7 SAE 85W-140

- MIL-L-2105D
- MIL-L-2105C
- Mack GO-H
- Rockwell 0-76-D
- IH B-22
- API GL-3 to GL-6*
- API MT-1
- AGMA 4EP

Mystik JT-7 is the premier combination of top quality base oils, modern additives, and a shear stable polymer. This bland has been called the "every purpose" gear lubricant because of its outstanding performance in light and heavy duty trucks, automobiles, and farm equipment, and industrial gear sets. Mystik JT-7 multipurpose gear lubricants meet or exceed the performance requirements of Mack GO-H, MIL-L-2105D, Rockwell O-76 and International Harvester B-22.

For API Gear Lubricant Service: GL-2, GL-3, GL-4, GL-5, GL-5+LS, GL-6, MT-1

Multi-Purpose SAE 80W-90 Gear Lubricant JT-7 AGMA Lubricant No. 4 EP		
Part No.	**Container**	**Case Qty.**
1412011	Quart.	12
1412009	35 lb. Keg	1
1412008	120 lb. Keg	1

Multi-Purpose SAE 85W-140 Gear Lubricant JT-7 AGMA Lubricant No. 4 EP		
Part No.	**Container**	**Case Qty.**
1412015	Quart.	12
1412013	35 lb. Keg	1
1412012	120 lb. Keg	1

API Service MT-1 performance denotes lubricants intended for non-synchronized manual transmissions used in buses and heavy duty trucks.

SEASONAL CHEMICALS

Starting Fluid
High ether formula for quick starting of cold engines all year, particularly under conditions of low temperature, icing, frosting, condensation, dampness and humidity. For diesels at low compression or low cetane fuels. Contains lubricant and anticorrosive additives. Atomized for safe application and quantity control to minimize detonation. Meets DOT regulations.
12 - 11 oz. cans per case
Part No. 1010053

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Air Brake Anti-Freeze
- With rust inhibitor.
- Protects against moisture accumulation
- Protects seals in air system.
- Complete winter protection

Part No.	Container	Qty.
1010060	Quart	12
1010061	Gallon	6
1010062	55 Gal	1

Isopropyl Gas Line Anti-Freeze
For Fuel Injected Engines
Absorbs moisture caused by condensation. Mixes with moisture and fuel to form combustible fuel. Aids in quick starting in subzero temperatures.
12 - 12 oz. containers per case
Part No. 802105

Anti-Freeze

Part No. 1010054
Concentrate, 50/50 mix.
1 Gallon Size
Part No. 1010055
55 Gallon Drum
Part No. 1010056
Gearhead™ Extended Life & Summer Coolant
1 Gallon Size
Part No. 1010057
Gearhead™ HD SCA Pre-Charged
55 Gallon Drum

PITT PENN

INDEX OTR®

- Reduces the pour point of No. 2 diesel at least 20 degrees F.
- Eliminates water and fuel line freeze-ups
- Boots cetane for easier starting and improved mileage
- Improves lubricity to provide anti-wear protection to pumps and injectors equal to old style (high sulfur) diesel fuel
- Keeps injectors clean to maintain full power
- Contains no alcohol

CONCENTRATED!

Fuel Additive OTR Premium "20 Below" Plus 2			
Container Size	**Gallons Treated**	**Units Per Case**	**Part No.**
Quart	250	12	**32-32-12**
Gallon	1000	4	**32-128-4**
2.5 Gal.	5000	2	**32-20-2**
55 Gal.	110,000	Drum	**32-440-1**

DIESEL 9•1•1

POWER SERVICE

Used to disperse water in fuel systems, de-ice frozen fuel-filters, reliquefy gelled diesel fuel and complete microbial clean-ups.
(12/1 32-ounce)
Part No. 08025-12

FUEL TREATMENT

Part No. 01025-12
Treats 12/1 32-ounce
Pack: 32 Ounces to 100 Gallons

Part No. 01041-04
Treats 4/1 96-Ounce
Pack: 96 Ounces to 300 Gallons

POWER SERVICE

GOJO HAND CLEANERS

Orange Cleaner

Natural Orange Pumice With Aloe and Lanolin
Thoroughly and safely cleans adhesive, asphalt, cement, grease, grime, paint, tar, and more.
One Gallon Jug, 4 per carton
Part No. 0955-04

Orange Cleaner

Natural Orange With Aloe and Lanolin
Quick-acting lotion formula
One Gallon Jug, 4 per carton
Part No. 0945-04

Orange Hand Cleaner

Natural Orange Pumice With Aloe and Lanolin
Low profile with pump dispenser
Half Gallon Jug, 6 per carton
Part No. 0958-06

FAST WIPES®

Resealable Film Packs

60 Premoistened 9" x 10" towels
Part No. 6285-06

Intro-Pak With Dispenser

Original Formula
Intro Pack - With dispenser -includes 1115 4.5 lb. cartridge.
Part No. 1206-D1

Heavy Duty hand Cleaning Towels
- Pre-moistened
- Quickly removes grease, grime, oil.
- Saves time and money.
- Safely removes soils without irritation.

130 Towel Bucket Pack

Bucket
130 Premoistened 9" x 10" towels
Part No. 6298-04

Hand Cleaner With Pumice

Fine Italian Pumice
No. 1 choice of professional mechanics. 4 lb. 4 oz. container
Part No. 1135-06

GOJO®

GOJO HAND CLEANERS

Natural Orange Purmice

Orange Pumice Hand Cleaner
Fortified with Lanolin. Cleans with or without water. 14 oz. container, 12 per carton.
Part No. 0971-12

Original Formula

Original Formula
Fortified with Lanolin. Cleans with or without water. 4.5 lb. container
Part No. 1115-06

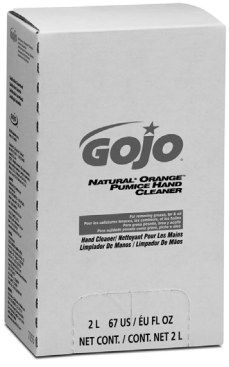
Lemon Formula

Lemon Formula
Creme formula with fresh lemon fragrence. Cleans with or without water. 4.5 lb. container
Part No. 0905-06

Orange Pumice Cleaner

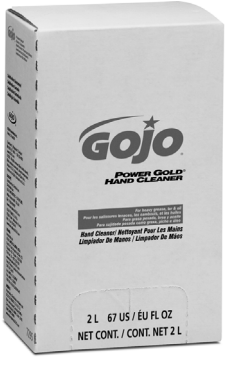
Orange Pumice Hand Cleaner
Fortified with Lanolin. Cleans with or without water. 4.5 lb. container, 6 per carton.
Part No. 0975-06

Natural Orange HandCleaner



Orange Pumice Hand Cleaner
2000 ml. refill 4 per carton.
Fits Gojo Pro 2000 dispenser.
Part No. 7255-04

Power Gold Hand Cleaner



Gojo Power Gold Hand Cleaner
2000 ml. refill 4 per carton.
Fits Gojo Pro 2000 dispenser.
Part No. 7295-04

Supro Max Cleaner

Gojo Supro Max Hand Cleaner
2000 ml. refill 4 per carton.
Fits Gojo Pro 2000 dispenser.
Part No. 7272-04

Pro 2000 Dispenser

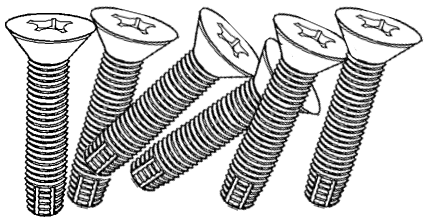
Gojo Black Pro 2000 Soap Dispenser
Heavy duty bag-in-box dispenser. 2000 ml. capacity. One hand push operation w/ reinforced mounting.
Part No. 7200-01

Pro 2000 Dispenser

Gojo White Pro 2000 Soap Dispenser
Heavy duty bag-in-box dispenser. 2000 ml. capacity. One hand push operation w/ reinforced mounting.
Part No. 7205-01

FASTENERS

Trailer Floor Screws



TORX® Drive
Flat Head Trailer Floor Screws

- **Positive TORX Drive**
- **Easy trouble-Free Installation**
- **Phosphate and Oil Finish**
- **Available In Bulk And Plastipack**

Bulk Quantities		
Size	**Bulk Pack**	**Part No.**
1/4-20x1	4000	**1013492**
1/4-20x1 1/2	3000	**1013493**
1/4-20x2	2200	**1013494**
1/4-20x2 1/2	1800	**1013495**
1/4-20x3	1200	**1013496**
1/4-20x4	1500	**1013498**
1/4-20x5	1000	**1013500**
1/4-20x6	1000	**1013502**
5/16-18x2	1500	**1025371**
5/16-18x2 1/2	1000	**1025373**
5/16-18x3	1000	**1025374**

Package Quantities		
Size	**Plasti Pack**	**Part No.**
1/4-20x1	100	**1013492-100**
1/4-20x1 1/2	100	**1013493-100**
1/4-20x2	100	**1013494-100**
1/4-20x2 1/2	100	**1013495-100**
1/4-20x3	100	**1013496-100**
1/4-20x4	50	**1013498-50**
1/4-20x5	50	**1013500-50**
1/4-20x6	50	**1013502-50**
5/16-18x2	100	**1025371-100**
5/16-18x2 1/2	100	**1025373-100**
5/16-18x3	100	**1025374-100**

TORX® Insert Bits

- Extra hard
- Positive torque control
- Maximum drive surface
- Hot formed for optimum performance and wear

	1/4" Shank Hex		
Length	**Point Size**	**Actual Size**	**Part No.**
1"	T20		**440TX20**
1"	T25		**440TX25**
1"	T30		**440TX30**
1"	T40		**440TX40**
5/16" Shank Hex			
Length	**Point Size**	**Actual Size**	**Part No.**
1 1/4"	T40		**480TX40**
1 1/4"	T45		**480TX45**

Phillips Insert Bits

1/4" Shank Hex		
Length	**Point Size**	**Part No.**
1"	2	**440-2**
1"	3	**440-3**

5/16" Shank Hex

Length	**Point Size**	**Part**
1 1/4"	1	**480-1**
1 1/4"	2	**480-2**
1 1/4"	3	**480-3X**

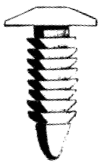
Power Sockets

- 1/2" Square Drive
- Form to optimum resistance to wear
- Manufactured from the best materials available
- For self tapping screws
- Engineered for industrial applications

855 858

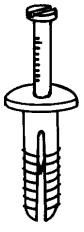
Hex Opening	Length	Part No.
5/16"	1 3/4"	**855**
1/4"	1 3/4"	**858**

Nylon Drive Rivets
Truss Head



Head Dia.	Size	Range	Part No.
5/8	1/4x1	3/16-1/2	**1010112**
5/8	1/4x1 5/8	3/8-1 5/8	**1010113**

Nylon resin Shell
With Steel
Zinc Plated Nail

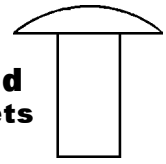


Head Dia.	Size	Range	Part No.
9/16	1/4x3/4	1/8-1/2	**1/4X3/4**
9/16	1/4x1	1/4-5/8	**1/4X1**
9/16	1/4x1 1/2	5/16-1 1/8	**1/4X1-1/2**
9/16	1/4x2	3/4-1 5/8	**1/4X2**
9/16	1/4x3	13/4-2 1/2	**1/4X3**

ALUMINUM RIVETS

Aluminum Rivet Alloy Identification Marks
Alloy 2117 **I.D. Mark** Depressed dimple in top center of rivet head
Alloy 1100F **I.D. Mark** Raised figure "2" on bottom of shank
All rivets are chamfered.

Standard Brazier Head Aluminum Rivets 2 lb. Pack



Approximate Pieces Per Pound
Nominal Diameter

Length	3/16"	1/4"
3/8	523	257
7/16	480	238
1/2	443	222
9/16	411	207
5/8	384	195
3/4	338	174

3/16" Diameter
2117T4 Hard Alloy

Length	Part No.
3/8	**1025900**
7/16	**1025902**
1/2	**1025904**
9/16	**1025906**
5/8	**1025907**
3/4	**1025928**

1100F Soft Alloy

Length	Part No.
3/8	**1025901**
7/16	**1025903**
1/2	**1025905**
5/8	**1025908**

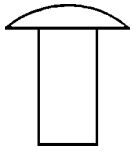
1/4" Diameter
2117T4 Hard Alloy

Length	Part No.
3/8	**1025909**
1/2	**1025910**
5/8	**1025912**
3/4	**1025914**

1100F Soft Alloy

Length	Part No.
1/2	**1025911**
5/8	**1025913**

Modified Brazier Head Aluminum Rivets 2 lb. Pack



Approximate Pieces Per Pound
Nominal Diameter

Length	3/16"	1/4"
3/8	649	369
7/16	584	331
1/2	531	300
9/16	485	274
5/8	448	253
3/4	387	218

3/16" Diameter
2117T4 Hard Alloy

Length	Part No.
3/8	**1025921**
7/16	**1025922**
1/2	**1025923**

1/4" Diameter
2117T4 Hard Alloy

Length	Part No.
3/8	**1025924**
1/2	**1025925**
5/8	**1025926**
3/4	**1025927**

Standard Universal Head Aluminum Rivets 2 lb. Pack

Approximate Pieces Per Pound
Nominal Diameter

Length	3/16"	1/4"
3/8	633	306
7/16	571	279
1/2	521	257
9/16	476	238
5/8	441	222
3/4	382	195

3/16" Diameter
2117T4 Hard Alloy

Length	Part No.
3/8	**1025915**
7/16	**1025916**
5/8	**1025917**

1/4" Diameter
2117T4 Hard Alloy

Length	Part No.
3/8	**1025918**
1/2	**1025919**
5/8	**1025920**

ELECTRICAL CABLE ASSEMBLIES

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Fleetcraft Coiled Cable Assemblies

- Remains flexible in low temperature
- Excellent long life memory.
- Tough black jacket resists abrasion, common commercial degreasers, solvents.
- Phillips Die-cast metal plugs with springs.

Heavy Duty, 6 12-Gauge Wires, 1 10-Gauge Wire	
Working Length	Part No.
12 Foot	**1010186**
15 Foot	**1010188**
Economy, 6 14-Gauge Wires, 1 12-Gauge Wire	
12 Foot	**1010185**
15 Foot	**1010187**

Grote
THE FIRST NAME
IN TRUCK SAFETY SYSTEMS

Grote UltraLink Power Cord Coiled Cable Assembly 19 foot working Length

Extra power delivery for single or double configurations exceeding minimum legal lamp requirements.

- Remains flexible at -55° to 190° F.
- Extra tough urethane jacket material
- Completely sealed to prevent corrosion.
- Shock proof, solid molded elastomeric plug body.
- Exceeds SAE J1067 and J2222 requirements.

One 10-Gauge, six 12-Gauge Wires	
One Angled, one straight plug	
Working Length	**Part No.**
19 Foot with two 12 inch leads	**GR87024**

PHILLIPS

PHILLIPS ABS PERMACOIL™

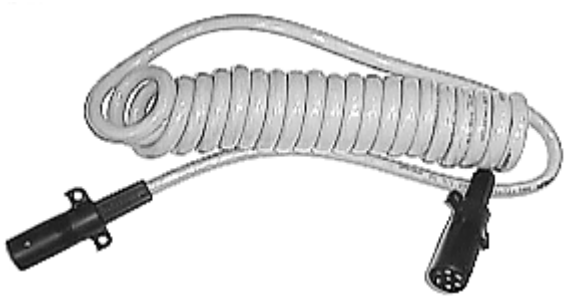
- Comes with two 15-730 plugs.
- Bright Green Jacket
- Good Abrasion reistance
- -87° to +150 temperature range
- Good recoil memory,and large finger grips.

Working Length	**Part No.**
12 Foot	**30-4321**
15 Foot	**30-4621**
15 Foot with 48" lead	**30-4921**

ELECTRICAL CABLE ASSEMBLIES

Phillips ABS LECTRACOIL™

The NHTSA approved method for powering trailers and dolly ABS systems requires a separate, constant power circuit (Blue) and a standby circuit (Red). The RP137 issued by the Maintenance Council (TMC) division of the ATA, recommends power availability to the electrical coil cord of the tractor of 10 amps at 12.5 volts for the blue (auxiliary) and red (stoplight) circuit. The ABS LECTRACOIL™ complies with all of the above. The LECTRACOIL™ is provided with the same durable jacketing as the Duracoil, **in a distinctive "lectra green" color** which provides instant recognition. Exceeds SAE J2222.



The Phillips LECTRACOIL™ provides the following to tractor manufacturers in North America:

(1) 8 Ga. white ground
(1) 10 Ga. red stop light
(1) 10 Ga. blue (ABS power)
(4) 12 Ga. brown, black, yellow, green, for conventional trailer lighting.

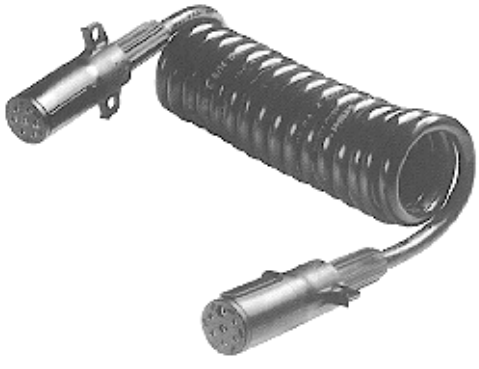
LECTRACOIL™ 4/12, 2/10, 1/8 Ga.	
With 2 Permaplugs	
Working Length	**Part No.**
15 ft.	**30-9620**
15 ft., With 40" Lead	**30-9920**
With 2 Metal Plugs	
Working Length	**Part No.**
15 ft.	**30-9621**

Phillips Duracoil™ Anti-Lock (FMVSS-121)

- 7 conductors in red jacketing
- Remains flexible from -87° F to 195° F.
- Primarily considered OEM quality by its distinctive red jacket. Designed to be used for all longer single, double and triple applications.
- Meets SAE J1067
- All connector pins are double crimped for maximum conductivity and durability and meets SAE J560B.

5/12-Gauge , 1/10-Gauge, 1/8 Gauge	
With 2 Permaplugs (Illustration shows 2 metal plugs)	
Working Length	**Part No.**
15 Foot with 40" lead	**32-9920**

PHILLIPS



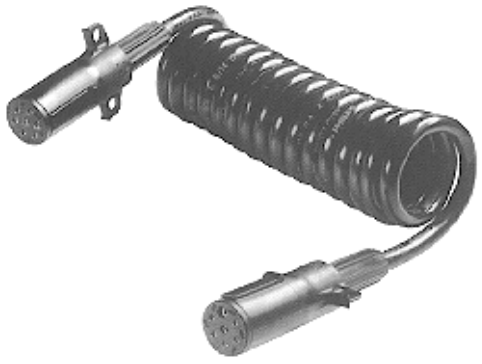
Phillips Duracoil™ Heavy Duty Cable Assemblies

- Remains flexible from -87° F to 195° F.
- Superior long life memory, flexibility, and abrasion resistance.
- Black jacket with nylon Permaplugs
- Standard with anticorrosive lithium grease for longer life.
- Meets or exceeds SAE J560 or J2222.

Heavy Duty, 6 12-Gauge wires, 1 10-Gauge Wire	
With 2 Metal Plugs with Springs	
Working Length	**Part No.**
12 Foot with one 6 foot lead	**22-9521**
With 2 Nylon Permaplugs	
Working Length	**Part No.**
15 Foot with one 6 foot lead	**22-9720**

ELECTRICAL CABLE ASSEMBLIES

PHILLIPS



Phillips Heavy Duty Permacoil Cable Assemblies

- Remains flexible in low temperatures
- Excellent long life memory.
- Blue jacket with nylon Permaplugs
- Standard with anticorrosive lithium grease for longer life.

Heavy Duty, 6 12-Gauge Wires, 1 10-Gauge Wire	
Working Length	Part No.
12 Foot	**22-4320**

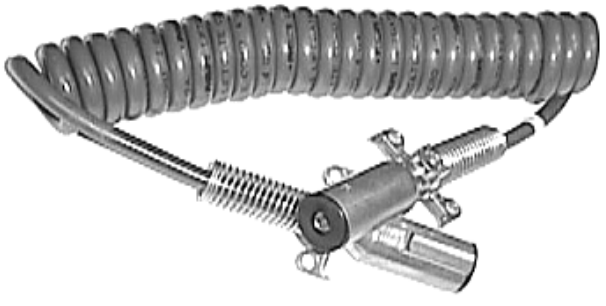
PHILLIPS

Duraflex Straight Cable Assembly 7 Conductor

- Operational from -40° F to 175° F
- Plugs equipped with strain-relief springs
- Plugs protected with anticorrosive grease
- Connector pins meet SAE J560
- Rated at 110 amps - continuous service

6/12-Gauge, 1/10-Gauge	
Length	**Part No.**
12 Foot	**22-2051**
15 Foot	**22-2071**

PHILLIPS



Single Pole Coiled Lift Gate Cable Assembly

- Operational from -50° F to 150° F
- Used for lift gate and remote battery charging applications - has dark green jacket
- Maximum current carrying capacity 200 amps
- Coil exceeds SAE J2222
- Includes 2 single pole plugs with springs

4 Gauge Fine Strand Copper	
Working Length	**Part No.**
12 Foot	**23-4325**
15 Foot	**23-4625**

PHILLIPS

Six Conductor, 10' Mini-Coil

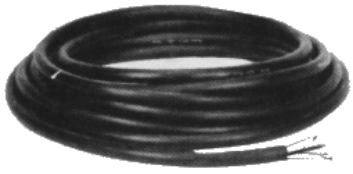
6 14-Gauge Wires, two 15-610 plugs	
Working Length	Part No.
10 Foot	**19-6710**

ELECTRICAL WIRE & TRAILER CABLE

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Bulk Trailer Cable

- **Flexible, soft annealed copper wires.**
- **Jacket resists damaging common chemicals**
- **Wire colors meet ATA, TMC, and SAE recommendations**



Fleetcraft™ Bulk Trailer Cable			
Part No.	No. of Wires	Wire Gauge	Pack
1011861	4	14	100'
1011861-500	4	14	500'
1094755	6	14	100'
1094755-500	6	14	500'
1010126	7	6-14/1-12	100'
1010126-500	7	6-14/1-12	500'
1011410	7	6-12/1-10	100'
1011410-500	7	6-12/1-10	500'

Part No. 3-327
Package Length
100 Foot

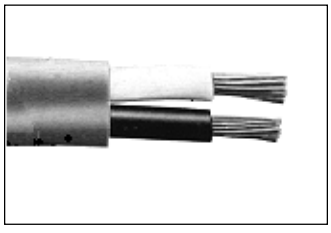
Part No. 30-2051
12 Foot Straight w/15-730 metal plugs
Part No. 30-2071
30 Foot Straight w/15-730 metal plugs

Phillips ABS LECTRAFLEX™ 7 Conductor ABS Cable

(1) 8 Ga. white ground
(1) 10 Ga. red stop light
(1) 10 Ga. blue (ABS power)
(4) 12 Ga. brown, black, yellow, green, for conventional trailer lighting.

The LECTRAFLEX™ is provided with the same durable jacketing as the Duracoil, in a distinctive "lectra green" color which provides instant recognition.
Exceeds SAE J2222.

7 Conductor LECTRAFLEX™ ABS Cable
LECTRAFLEX™ 4/12, 2/10, 1/8 Ga.



2 Conductor Jacketed Parallel Cable

Black and white conductors, heavy duty extruded gray jacket over 2 primary conductors.
Package Length 100 ft.

Part No.	Gauge
2-402	14/2 Ga.
2-403	12/2 Ga.

PHILLIPS

Primary Wire in 100 Foot Spools

- Soft Annealed Copper
- Resists most chemicals, moisture, abrasion
- SAE J1128

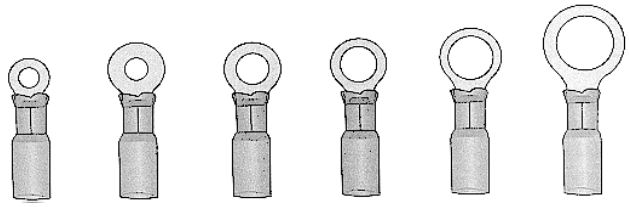
PVC Insulated Primary Wire			
Color	**14 Gauge**	**12 Gauge**	**10 Gauge**
Black	**2-121**	**2-131**	**2-141**
Blue	**2-122**	**2-132**	**2-142**
Brown	**2-123**	**2-133**	**-**
Green	**2-124**	**2-134**	**2-144**
Red	**2-125**	**2-135**	**2-145**
White	**2-126**	**2-136**	**2-146**
Yellow	**2-127**	**2-137**	**2-147**

Polyethylene Split Loom

- Split seam feature allows for easy wire insertion and service.
- Excellent for high heat, high abrasion applications.
- UV stabilized, black in color

Part No.	I.D.	Part No.	I.D.
5-023	1/4"	**5-029**	5/8"
5-025	3/8"	**5-030**	3/4"
5-027	1/2"	**5-032**	1"

INSULATED WIRE CONNECTORS



Stud Hole Sizes

8 10 1/4 5/16 3/8 1/2

Crimp and heat for a watertight connection

Watertight Shrink and Seal Insulated Ring Terminals

Crimp, heat, and shrink to fit for watertight connection

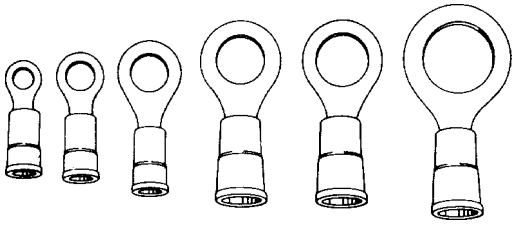
16 - 14 Gauge (Blue)		12 - 10 Gauge (Yellow)	
Ring Size	**Part No.**	**Ring Size**	**Part No.**
3/8	**1-1926**	1/2	**1-1937**
5/16	**1-1925**	3/8	**1-1936**
1/4	**1-1924**	5/16	**1-1935**
10	**1-1923**	10	**1-1933**
8	**1-1922**	8	**1-1932**

Crimp and heat for a watertight connection

Watertight Shrink and Seal Insulated Butt Connectors

Crimp, heat, and shrink to fit for watertight connection

12 - 10 Gauge (Yellow) Part No.	16 - 14 Gauge (Blue) Part No.	22- 18 Gauge (Red) Part No.
1-1963	**1-1962**	**1-1961**



Stud Hole Sizes

6 8 10 1/4 5/16 3/8

To avoid corrosion from moisture, heat shrink tubing is recommended after crimping for a watertight connection.

Crimp Type Vinyl Insulated Ring Terminals

To avoid corrosion from moisture, heat shrink tubing is recommended after crimping for a watertight connection.

12-10 Gauge (Yellow)		16 - 14 Gauge (Blue)	
Ring Size	**Part No.**	**Ring Size**	**Part No.**
3/8	**1-2126**	3/8	**1-2145**
5/16	**1-2125**	5/16	**1-2146**
1/4	**1-2124**	1/4	**1-2144**
10	**1-2123**	10	**1-2143**
8	**1-2122**	8	**1-2147**
		6	**1-2142**

Crimp Type Insulated Butt Connectors

To avoid corrosion from moisture, heat shrink tubing is recommended after crimping for a watertight connection.

Vinyl Insulation		Nylon Insulation	
Gauge	**Part No.**	**Gauge**	**Part No.**
12 - 10 (Yellow)	**1-2620**	12 - 10 (Yellow)	**1-2263**
16 - 14 (Blue)	**1-2640**	16 - 14 (Blue)	**1-2262**
22 - 18 (Red)	**1-2660**	22 - 18 (Red)	**1-2261**

PHILLIPS

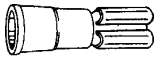
INSULATED WIRE CONNECTORS

Our economy connectors - quality at a lower price.

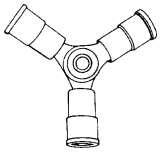
Economy Crimp Type Insulated Butt Connectors	
Plastic PVC insulated sleeve in quantities of 100	
Gauge	Part No.
12 - 10 (Yellow)	**YB100**
16 - 14 (Blue)	**BB100**
22 - 18 (Red)	**RB100**

Crimp Type Slide Terminals

12 - 10 Ga. (Yellow)		16 - 14 Ga. (Blue)	
Vinyl	**Nylon**	**Vinyl**	**Nylon**
1-2312	**1-2274**	**1-2314**	**1-2272**

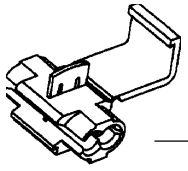


12 - 10 Ga. (Yellow)		16 - 14 Ga. (Blue)	
Vinyl	**Nylon**	**Vinyl**	**Nylon**
1-2273	**1-2273**	**1-2324**	**1-2271**



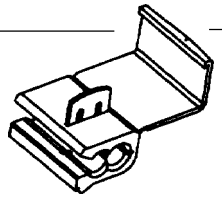
	3 Way Terminal	
	For 16 - 14 Gauge Wire	
	Part No. 1-2193	

Spade Type WIre Conector		
Part No.	**Gauge**	**Stud Size**
1-2443	**16-14 Ga**	**10 Spade**



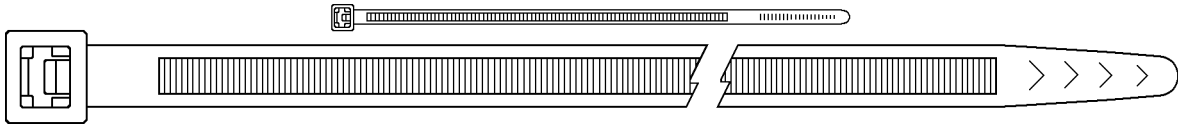
Self Stripping Quick Lock Connectors		
Wire Size	**Color**	**Part No.**
18 - 14 Ga.	Blue	**1-2335**

PHILLIPS



Economy Connector			
Wire Size	**Color**	**Part No.**	**Pack Qty.**
18 - 14 Ga.	White	**BC50**	50

NYLON CABLE TIES



Grote
THE FIRST NAME IN TRUCK SAFETY SYSTEMS

3M

Standard Cable Ties					
Length	**Color**	**Max. Bundle Dia.**	**Tensile Strength (lbs.)**	**Pack Size**	**Part No.**
4"	Natural	4"	18	100	**1-4001**
8"	Natural	2"	50	100	**GR83-6818**
151/4"	Natural	4"	50	100	**GR83-6826**
151/4"	Natural	4"	120	100	**GR83-6828**
21"	Black	6"	175	25	**T150MOX2**

Grote
THE FIRST NAME IN TRUCK SAFETY SYSTEMS

3M

BATTERY AND STARTER CABLE

PHILLIPS

- 25 Foot lengths
- Rope stranded for increased flexibility
- Made of soft annealed, fully stranded copper conductors

Battery And Starter Cable

Part No.	Size	Strands	Color	O. D.
3-503	4 Ga.	133 x 26	Red	.390
3-504	4 Ga.	133 x 26	Black	.395
3-505	2 Ga.	133 x 24	Red	.435
3-506	2 Ga.	133 x 24	Black	.435
3-510	1/0 Ga.	133 x 21	Black	.555
3-511	2/0 Ga.	259 x 23	Red	.595
3-512	2/0 Ga.	259 x 23	Black	.595
3-514	3/0 Ga.	259 x 22	Black	.670

BATTERY TERMINALS

Crimpable Copper 90 Right Angle

Part No.	Wire Gauge	Post Type
7-535	2/0	Pos.

3/8" Stud Mounted Group 31 Single Barrel

Part No.	Wire Gauge
7-574	2/0

Crimpable Copper Closed End Elbow Right

Part No.	Wire Gauge	Post Type
7-557	2/0	Neg.

Tin Plated Copper Ground Lugs

- **Flared Opening**
- **Crimp or Solder**

Part No.	Gauge	Stud Size
7-203	2/0	Pos
7-204	2/0	Neg

Crimpable Copper Post Type

Part No.	Wire Gauge	Post Type
7-511	1/0	Pos
7-513	1/0	Neg
7-515	2/0	Pos
7-517	2/0	Neg

3/8" Nut

Corrosion resistant nut for Group 31 terminal securement

Part No. 7-186

Heavy Duty All Copper Ground Lugs

- **Flared Opening**
- **Crimp or Solder**

Part No.	Gauge	Stud Size
7-102	4	1/4"
7-103	4	5/16"
7-104	2	3/8"
7-107	1/0	3/8"
7-109	2/0	3/8"
7-110	2/0	1/2"
7-111	3/0	5/16"
7-112	3/0	3/8"
7-113	3/0	1/2"
7-114	4/0	3/8"
7-115	4/0	1/2"

Lead Charging Post For 3/8" Stud Type

Part No. 7-155

Circuit Breaker 150 AMP Manual Reset

Part No. 54-872PL

Battery to Battery Cable, Group 31

Battery to Battery Cable, Group 31 (A)

Part No.	Gauge	Length
058-118	2	18"

2/0 copper terminals with shrink tubing

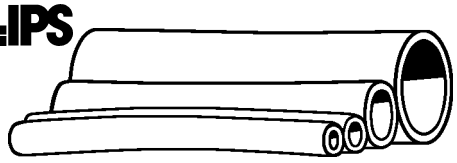
Ground Strap

Ground Strap (B)

Part No.	Gauge	Length
9-150	4	12"

SHRINK TUBING, ACCESSORIES

PHILLIPS



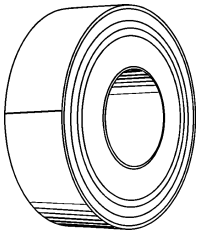
An easy to use tubing that shrinks without melting - just slip over wire or splice and heat. Inner wall melts, providing a moistureproof connection.

- Color Coded
- Insulates wire splices
- Reinforces the terminal/wire connection

Single Wall for Primary Wire				
Part No.	I. D. Before	I. D. After	Color	Wire Size
6-102	1/8"	1/16"	Red	18
6-104	3/16"	1/8"	Blue	16-14
6-106	1/4'	1/8"	Yellow	12-10

Dual Wall for Primary Wire				
Part No.	I. D. Before	I. D. After	Color	Wire Size
6-202	3/8"	1/8"	Black	8
6-204	1/2"	1/8"	Black	6-2
6-206	11/8'	3/8"	Black	4/0-1
6-207	11/8"	3/8"	Red	4/0-1

ELECTRICAL TAPE



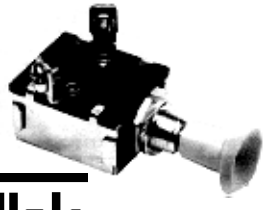
All Purpose Grade
Vinyl Electrical Tape
7 Mil, 3/4" Wide,
60 Foot Rolls
UL Listed
Part No. 10200ET

BATTERY POST CLEANER

Heavy Duty battery
Post & Terminal Brush
Part No. 4-120

SWITCHES

Push - Pull Switch
Extra Heavy Duty 2 Position
6 - 28 Volts - 75 Amp S.P.S.T.
Off-On Heavy duty die cast body, chrome plated knob, copper terminals. Mounting stem 5/8" long, 15/32" diameter.
Part No. 35-306



Pollak

Push - Pull Switch
Moderate duty, 2 position.
Off-On 25 amp at 6V,
15 Amp at 12V.
Mounting stem 5/8" long, 7/16" diameter.
Ivory plastic knob.
Part No. 35-300

Push - Pull Switch
Heavy Duty
Mounts through 5/8" diameter hole. Illuminated knob, 20 amp capacity, single pole normally open circuit.
Part No. TL102

Truck-Lite®

Toggle Switches
6 - 24V, 50 Amp
MOM On-Off MOM On
S.P.D.T. 3 Positions/ 3 Screw Terminals
Part No. 34-215

On-Off-On S.P.D.T. 3 Positions/3 Screw Terminals
Part No. 34-218

Toggle Switch
6 - 24V, 50 Amp.
On - Off S.P.S.T.
2 Positions,
2 Screw Terminals
Part No. 34-212

Keyed On/Off Switch
2 hole mounting pattern

Part No. 31-602

Pollak

Toggle Switch
6 - 24V, 50 Amp.
On - Off S.P.S.T.
2 Positions,
2 Screw Terminals
1½" Long Bat handle
Part No. 34-213

SWITCHES

Dimmer Switch
Floor mounted type, 3 special terminals.
Part No. 52-251

Replaces: American Motors 3156124, 3160926, Chrysler 1841895, 1881938, 2291202, Ford B9A-13532A (2701524)

Dimmer Switch
Floor mounted type, 3 special terminals
Part No. 52-252

Replaces: Ford COTF-13A024A, COTZ-13A024A

Dimmer Switch
Special floor mounted type, 3 special terminals for plug connection.
Part No. 52-253

Replaces: Delco-Remy 1997028, 1997031, 1997035, 1997036, 1997037, 3841892, GM 538446, 539288, 578005

Toggle Switch
6 - 24V, 50 Amp
On-Off S.P.S.T.
2 Positions,
2 Screw Terminals
Part No. 34-571

Toggle Switch
6 - 24V, 50 Amp
On-Off-On S.P.D.T.
3 Positions
3 Screw Terminals
Part No. 34-573

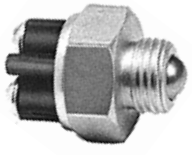
Toggle Switch
6 - 24V, 50 Amp
MOM On-Off MOM On S.P.D.T. 3 Positions/
3 Screw Terminals
Part No. 34-575

Pollak

Toggle Switch
6 - 24V, 50 Amp
On-On D.P.D.T.
2 Positions
6 Screw Terminals
Part No. 34-576

Pollak

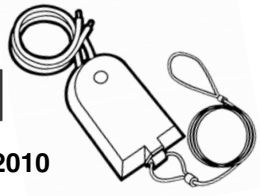
Toggle Switch
6 - 24V, 50 Amp
On-Off-On D.P.D.T.
2 Positions
6 Screw Terminals
Part No. 34-577



Switch
Backup Lamp
Universal type.
2 threaded studs.
Part No. 21-361

Breakaway Switch
Reinforced nylon case, silver contact points, nylon pull pin.

Haldex



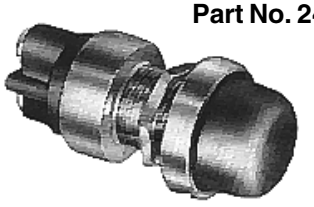
Part No. BE2010

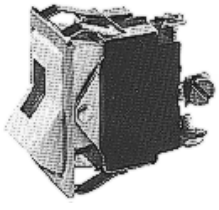
Ignition Starter Switch
4 position - 2 keys supplied. Terminal nuts, lock washers, hex back nut, knurled face nut supplied, diecast housing.
Fits panel with 3/4" hole.
Part No. 31-103

Switch
Backup Lamp
2 screw terminals.

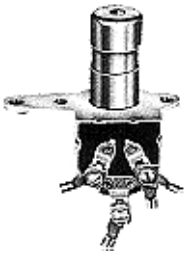
Replaces
Kenworth, K30133, Freightliner 06-10525, Mack 1MR2297, others
Part No. 21-361

Momentary Start Switch
60 amps at 12V, 40 amps at 24V. Weather and dustproof.
Part No. 24-360





Rocker Switch
Universal, snap in type mounting bracket.
35A-12V Red pilot light. On - Off S.P.S.T.2 pos/3 screw terminals. White actuator, nickel plated bezel.
Part No. 34-305



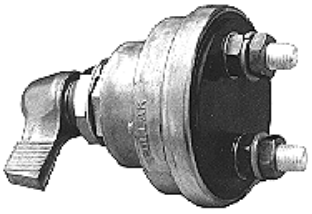
Dimmer Switch
Universal - with 3 flat screw terminals and 4 bullet terminals supplied in separate hardware kit. 3 screw terminals.
Part No. 52-250

Replaces Delco-remy 465-A, B, E, H, J, K, R, S, V, W, X, Z; 471P, R, T, W, Z, 1997002, 3, 6, 7, 8, 9, 10, 11

SWITCHES

Master Disconnect Switch

Lever operated - 6 - 36V;
180 amps continuous capacity;
1000 amps in rush. S.P.S.T. (Off-On)
2 stud terminals for battery circuit only. Does not disconnect alternator or generator filed circuit. On vehicles equipped with alternators engine must be shut off to avoid potential damage to alternator diodes. Instruction sheet included.
Part No. 51-302

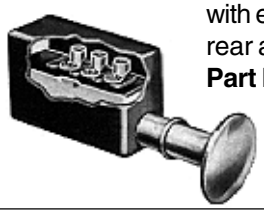


Master Disconnect Switch

Lever operated - 6 - 36V;
D.P.S.T. (Off-On) 4 stud terminals for battery and alternator or generator field circuit. Designed to break alternator generator circuit prior to battery circuit disconnect. Use for gasoline and oil tank trucks as well as other applications. Two 3/8" and two 10-32 copper alloy stud terminals. Instruction sheet included.
Part No. 51-304

Axle Switch

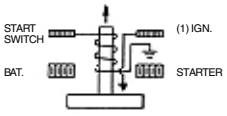
2 positions, both on controls. High and low axle ranges. Die cast body protected by rubber cover. Three female terminals to receive bullet terminals. Large red knob. For use with eaton 2 speed rear axle.
Part No. 52-261



Starter Solenoid Switch

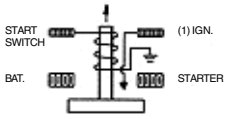
Universal - 12V applications - grounded base, flat bracket, internally grounded to housing, other end connected to small terminal.
Part No. 52-305

Pollak



Starter Solenoid Switch

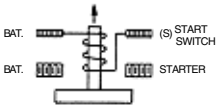
12V grounded base, flat bracket, breather cap.
Part No. 52-306



Replaces: Ford C7AF-11450A, C6AZ-11450A, C9AZ-11450A

Solenoid Switch

Continuous duty. Solinoid insulated. With hardware. Flat bracket
Part No. 52-307



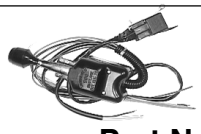
Replaces: Delco 1114218, 223; Prestolite 15-132, 133, 236, 311, SAS-4201, 4202, 4213, 5203

Truck-Lite

Part No. TL900

Turn Signal Switch, Flat Black

- 12V
- 7 Wire harness
- Heavy Duty Die Cast Housing
- Durable Die Cast Handle
- Heavy Duty flare tab for hazard warning
- Heavy gauge mounting strap and hardware
- Pilot Light for Turn Signal and Hazard
- 10 bulb capacity for hazard warning, 5 bulbs per side for turn signal flashing



Truck-Lite

Part No. TL905

Turn Signal Switch, Flat Black

- 12V
- 10 Wire harness
- Signal arm features built-in push button high/low beam selector switch
- 10 bulb capacity for hazard warning, 5 bulbs per side for turn signal flashing

Part No. TL129
Replacement relay for TL905

Grote

Part No. GR48282

Heavy Duty 2 to 18 Bulb Turn Signal Switch with High/Low Beam

- 6 - 12V, eighteen 32 c. p. bulbs
- Universal replacement with lift handle headlight dimmer
- Black finish
- Grease-free contact area
- Harness sold separately

960 Series Self-Canceling Turn Signal Switches

- Surpasses SAE J589 & J910 standards for turn & hazard functions
- Improved, light weight, nylon housing & handle
- Capable of flashing 18 lamps in hazard mode (9 lamps per side for turn signal flashing)
- 960 wiper options include 7 speed intermittent, two speed (hi/low) or omitted
- 961 wiper option includes two speeds (hi/low)
- Improved design eliminates premature breakage & component wear
- Feature Lift-to-Dim & Flash-to-Pass options
- Brake overrides hazard function lights when brake pedal is depressed
- Material: Glass filled nylon housing

Part No. TL91250
Turn Signal Switch

Truck-Lite

FLASHERS

12 Lamp Electromechanical Flasher

- 60 - 120 Flashes per minute
- 11 - 15V DC
- Fits standard round socket
- 100 hours of continuous operation

Part No. GR44530

Grote

20 Lamp Heavy Duty Electronic Flasher

- 60 - 120 Flashes per minute
- 11 - 15V DC
- Only one moving part
- Fits standard round socket
- 100 hours of continuous operation

Part No. GR44710

Round 2 Prong Flasher

12V. Flashes up to three 32 cp bulbs per side, plus pilot bulb. Flashes up to six 32 cp bulbs for hazard warning. Aluminum housing.

Part No. 552

Signal Stat 12V Everflash 2 Prong Flasher

16 Bulb capacity for hazard warning. Flashes up to eight 32 cp bulbs per side plus pilot bulb. 35 amp capacity at 12V. Low profile $1^1/_4$" height above terminals. Permastat™ housing. Plug-in mounting or use 2 mounting holes on $2^9/_{16}$" centers

Part No. TL242

Truck-Lite Ultraflash Heavy Duty Electronic FlasherSolid state

Truck-Lite

Operates at 12V or 24V Electronics are sealed in epoxy compound which dissipates heat from die cast aluminum housing. Short circuit protected with self-resetting feature. 5 year limited warranty. Rated for 35 amp load or sixteen 32/3 cp bulbs. No ground wire required. Meets DOT FMVSS 108 and SAEJ945 and J590b.

Part No. TL97231 Ultraflash w/o audible signal
Part No. TL97232 Ultraflash w/ audible signal

TRIDON

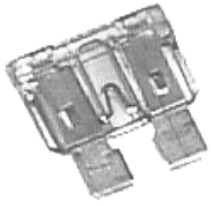
TRIDON Extended Life Super Duty Electronic Signal Flashers For trucks, buses, RV's and passenger cars.

Part No.	Description
EL-12	2 Pin, 12V
EL-13	3 Pin, 12V

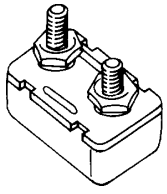
They both have 1-10 Load Lamps, 250 total watts, and a frequency of 70-100 FPM

SPADE TYPE FUSES, MISCELLANEOUS CIRCUIT BREAKERS

ATO®
Spade Type Fuses

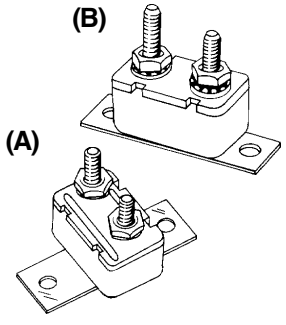


Part No.	Desc	Color
091173	ATO 3	Violet
091175	ATO 5	Tan
091177	ATO $7^1/_2$	Brown
091180	ATO 10	Red
091181	ATO 15	Blue
091182	ATO 20	Yellow
091183	ATO 25	Clear
091184	ATO 30	Green



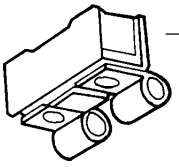
Circuit Breakers
Universal - Meets SAEJ553
Automatic reset
Less Mounting Bracket

Part No.	Amp Rating
54-115	15
54-120	20
54-125	25
54-130	30
54-140	40



Circuit Breakers
Universal - Meets SAE J553
Automatic reset
With Mounting Bracket

	Part No.	Amp Rating
(A)	**54-220**	20
(A)	**54-230**	30
(B)	**54-520**	25
(B)	**54-530**	30

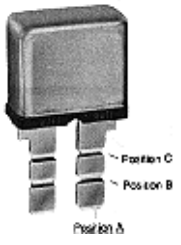


Part No.	Amp Rating
54-410	10
54-415	15
54-420	20
54-430	30
54-440	40

Snap-In Circuit Breakers

12 Volt remote reset circuit breaker. Replaces glass style fuses in existing fuse blocks. Opens automatically on overload. Remains open for protection until trouble is corrected.

Blade Type Circuit Breakers



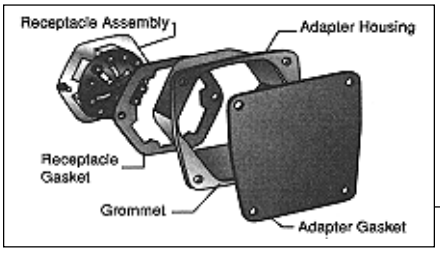
Direct replacement for ATO and ATC style fuses
Eliminates replacement of burned out fuses
Special "snap-off" blade design helps minimize inventory
Meets requirements of SAE J553C Type I*

Part No.	Amp Rating
091072	15
091073	20
091074	25
091075	30

*Type 1 breakers are designed to continuously cycle or reset during an overload situation.

Application Guide		
Position	**Length**	**Vehicle**
A	.75	Ford Truck
B	.50	GMC, Ford, Navistar
C	.30	Kenworth

ELECTRICAL PLUGS AND RECEPTACLES



Style A

Style B

7 Way Receptacle with Circuit Breakers
With and Without Adaptor Housing

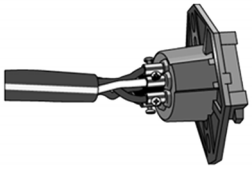
Style A			
W/Adaptor Housing		W/O Adaptor Housing	
Part No.	Circuit Breakers	Part No.	Circuit Breakers
BE24120	20 Amp	BE24015	15 amp
		BE24020	20 Amp
		BE24030	30 amp
		BE24000	None

Style B	
W/O Adaptor Housing	
Part No.	Circuit Breakers
BE24001	None

Haldex

7 Way Receptacle
Ring Terminal Type
- Housing made of Engineering Grade Composite
- 5°slant for drainage
- Lifetime warranty - If cover breaks off, unit will be replaced.
- Brass split pins

Part No. BE23707



7 Way Receptacle
Plug-In Type
- Housing made of Engineering Grade Composite
- 5°slant for drainage
- Lifetime warranty - If cover breaks off, unit will be replaced.
- Brass split pins

Part No. BE23705

6 & 7 Way Receptacle
With split pins
- 20 amp circuit breakers
- For surface mount
- Projects 2.56" from mounting surface
- Mounting gasket included

Part No. BE24220

Replacement Cover Kits
For Style A (New Style)

Part No. BQ20014 (Shown)
For Style B (New Style

Part No. BQ24002

Receptacle Boot
- Weather-guard universal boot
- Neoprene - maximum protection against weather and ozone

Part No. 15-740

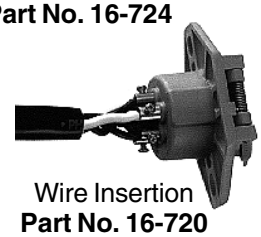
7 Way Nylon Plug
- Nylon housing
- 100% Brass pins
- Uses standard 15-711 replacement insert
- Cable guard and compression cable clamp prevents accidental cable pull out - the harder it's pulled, the tighter it gets
- Exceeds SAE J560B

Part No. 16-730

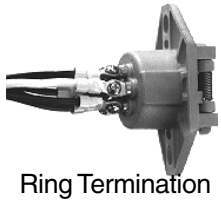
Sta-Dry Socket
Bullet Terminal
Part No. 16-724

STA-DRY™ Receptacles
Exclusive design to prevent moisture from entering electrical circuits. Virtually eliminates corrosion.
- Nylon Housing
- Pins insert molded to stay watertight
- * Extended barrel for added cable support

PHILLIPS

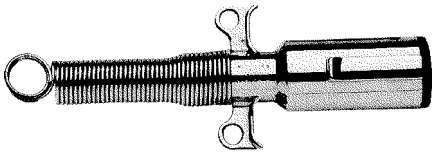


Wire Insertion
Part No. 16-720



Ring Termination
Part No. 16-722

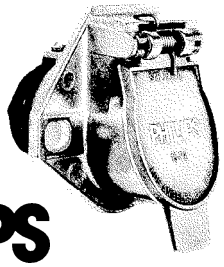
ELECTRICAL PLUGS AND RECEPTACLES



7 Way Zinc Die Cast Plugs

- 100% brass floating pins
- Large finger grips
- Large interior for ease of wiring
- Positive direct drive cable clamp

Part No.	Description
15-730	With Spring Guard
15-710	Without Spring Guard



7 Way Zinc Die Cast Receptacles

- Full opening lid for ease of plug insertion
- Slanted 5 degrees for moisture drainage
- Easily field serviceable
- Machined brass pins
- Stainless steel lid spring and hinge pin

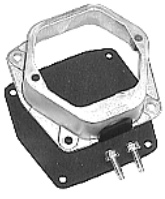
Part No.	Description
15-720	2-Hole Mount (Shown)
15-722	3-Hole Mount
15-724	Insert

STA-DRY™ Receptacles
With and Without Circuit Breakers
Glass Filled Nylon and Zinc Die Cast

- Waterproof
- Molded Insert
- Stainless lid spring and hinge pin
- Neoprene gaskets
- Stackable ground post

Zinc Die Cast		
With extended barrel for added plug support		
Without Breakers	**20 Amp Breakers**	**30 Amp Breakers**
15-760	**15-762**	**15-763**

Glass Filled Nylon		
Without Breakers	**20 Amp Breakers**	**30 Amp Breakers**
16-760	**16-762**	**16-763**

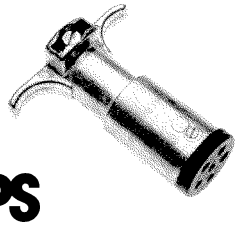


Standard Die Cast Receptacle Housing
17/8" Deep, Includes: 15-766 Gasket, 15-765 Grommet, 2 Hex mounting bolts
Part No. 15-769

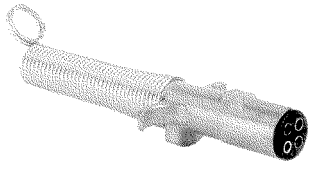
Nose Box Adaptor Plate
Multiple mounting holes allow for easy installation.
Part No. 15-770

7 Way Insert
For 15-720, 15-722
Part No.15-724

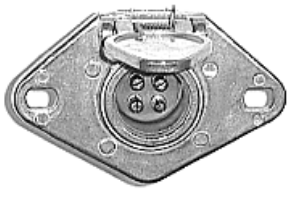
4 & 6 Way Zinc Die Cast Electrical Plugs



4 Way Plug
Less cable guard
Part No. 15-410



4 Way Plug
with Cable Guard
Part No. 15-430



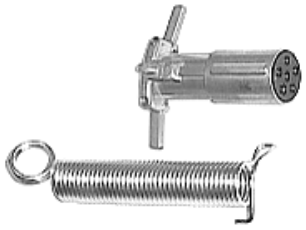
4 Way Receptacle
Part No. 15-400

6 Way Receptacle
Part No. 15-600

ELECTRICAL PLUGS AND RECEPTACLES

Zinc Die Cast 6 Way Plug
Less spring guard
Part No. 15-610

PHILLIPS



Zinc Die Cast 4 Way Plug
With spring guard
Part No. 15-630

Socket Breaker
w/o breakers
Part No. 16-860

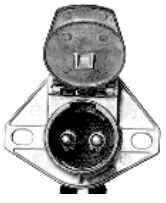
7-Way Socket
w/ring terminal
Part No. 16-822

7-Way Receptacle
w/QCS bullets & lock
Part No. 16-826

ISO 3731 ABS Receptacle
Sanctioned by the Truck Manufacturers Association (T.M.A.) and the truck Trailer Manufacturers Association (T.T.M.A.) as the optional and separate ABS connector. Currently extensively used in Europe as the ABS connector.
Built to specifications per the International Standards Organization. (ISO)
For applications requiring a separate ABS power and warning light, such as on triple combination vehicles.

Single Pole Receptacle
Zinc Die Cast
Copper battery lug to insure contact
Stainless hinge pin and spring
Part No. 15-320

Dual Pole
Part No. 15-326



Single Pole Plug With Strain Relief Spring
Zinc Die Cast
4 Gauge maximum
Copper battery lug to insure contact
Part No. 15-335

Dual Pole Plug
Part No. 15-336

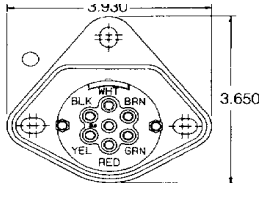
Single Deep Nose Box

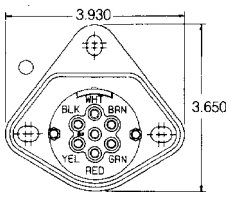
Part No. 16-775

Dual Deep Nose Box

Part No. 16-777

Grote





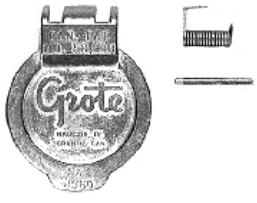
Grote Ultra-Pin Receptacles
2 & 3 Hole Mount

- Die cast zinc
- Barrel slanted to drain moisture
- Mounting holes slotted for universal fit
- Floating pins for easy alignment
- Kit contains retrofit plug-in terminal kit consisting of 9 terminals and 9 boots
- Weather-tight

Grote

2 Hole Mount
With terminal kit Part No. GR87270
Receptacle only Part No. GR87250

3 Hole Mount
With terminal kit Part No. GR87240
Receptacle only Part No. GR87220

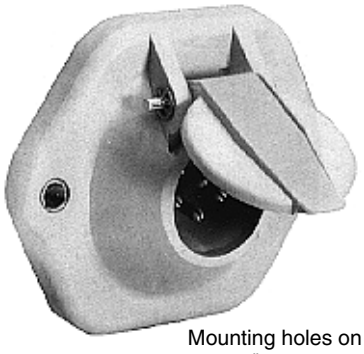


Door Hinge Repair Kit
Door is die cast zinc
Solid brass pin
Kit contains hinge pin, door and spring
Part No. GR99680

ELECTRICAL PLUGS AND RECEPTACLES

Truck-Lite 7 Way Receptacle

- Made of GE Noryl - tough, nonconductive, corrosion-resistant
- Cadmium plated floating brass pins
- For use with ring type terminals
- Direct wired ground
- Circuits identified by both color codes and embossing



Mounting holes on 4.50" centers
Housing 4.38"H X 5.12"

Standard 7 Way Body, Solid Pins:
Part No. TL50860

Standard 7 Way Body, Split Pins:
Part No. TL50861

Receptacle With 20A Circuit Breakers, Solid Pins:
Part No. TL50864

Receptacle w/15 amp circuit breakers, split pins
Part No. TL50863

Receptacle With 20A Circuit Breakers, Split Pins:
Part No. TL50865

Receptacle w/threaded stacking studs, solid pins
Part No. TL50866

Receptacle With Threaded stacking Studs, Split Pins:
Part No. TL50867

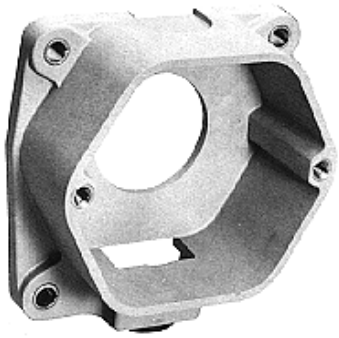
Surface Mounting Adaptor Boxes

- Made of Noryl to allow surface mount of large receptacles
- Molded-in brass inserts for receptacle mounting
- Available in deep (2" inside depth) or shallow (1.25" inside depth)
- Bottom entry or back entry versions

Shallow Adaptor Box, Bottom Access:
Part No. TL50880

Deep Adaptor Box, Bottom Access:
Part No. TL50882

Deep Adaptor Box, Back Access:
Part No. TL50883



Truck-Lite Nose Box

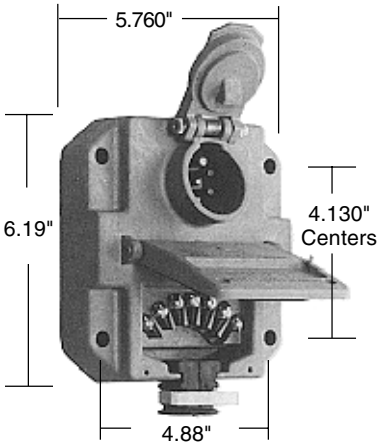
- Made of foam polycarbonate
- Chemical resistant, virtually indestructible
- Internal electrical contacts are sealed to eliminate corrosion
- Available with or without circuit breakers
- Main cable hookup terminals are color identified

Nose Box Without Circuit Breakers:
Part No. TL50805

Nose Box With 15A Circuit Breakers:
Part No. TL50806

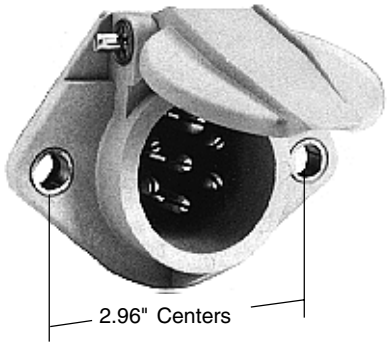
Parts:
Cap latch for 7-Way Receptacle:
Part No. TL50808

Cover:
Part No. TL50809



Truck-Lite Flush Mount 7 Way Receptacle

- Made of GE Noryl - t nonconductive, corrosion-resistant
- Cadmium plated floating brass pins
- For use with ring type terminals
- Direct wired ground
- Circuits identified by both color codes and embossing

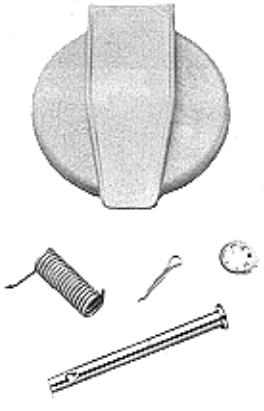


Standard 7 Way Receptacle, 2 Hole Flange, Split Pins:
Part No. TL50869

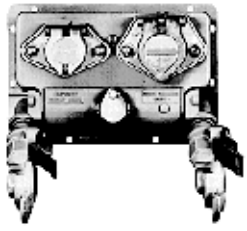
Cover Service Kit

- 4 piece service kit for all receptacles
- Noryl cover, steel hinge pin, stainless steel spring and shaft retainer

Part No. TL50875



NOSEBOX ASSEMBLIES



Nosebox Assemblies

6 & 7 way receptacles,
2055 Quickie insert, service
and emergency gladhands,
circuit breaker panel.
Part No. BE26100

7 way receptacle, service
and emergency gladhands,
circuit breaker panel
Part No. BE26103

Side Blocks
Left: **Part No. B26003**
Right: **Part No. B26004**

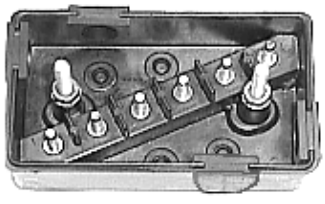
Haldex

JUNCTION BOXES

A

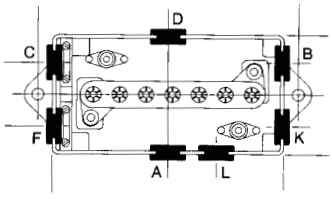
B

C

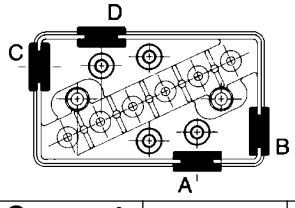


D

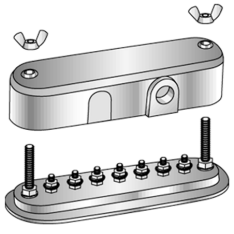
Midland Junction Boxes
Molded from Engineered Grade Composite



Style	Part No.	Grommet Location	Terminals	Cover Part No.
A	**BE22010**	A,B,C,D	7	BE20512
B	**BE22020**	A,B,F,L	Stripped	BE20512
A	**BE22040**	A,B,C,F	**7**	BE20512
C	**BE22070**	A,B,F,L	--	BE20512



Style	Part No.	Grommet Location	Terminals	Box Mounting	Cover Part No.
D	**BE22080**	A,B,C,D	6	Stud	BE20510
D	**BE22090**	A,B,C,D	6	Flush	BE20510



Junction Box
7 1/2" overall length
Mounting studs
on 6" centers
7 Terminals
Part No. BE22150

Junction Blocks
10-32 UNF Threads

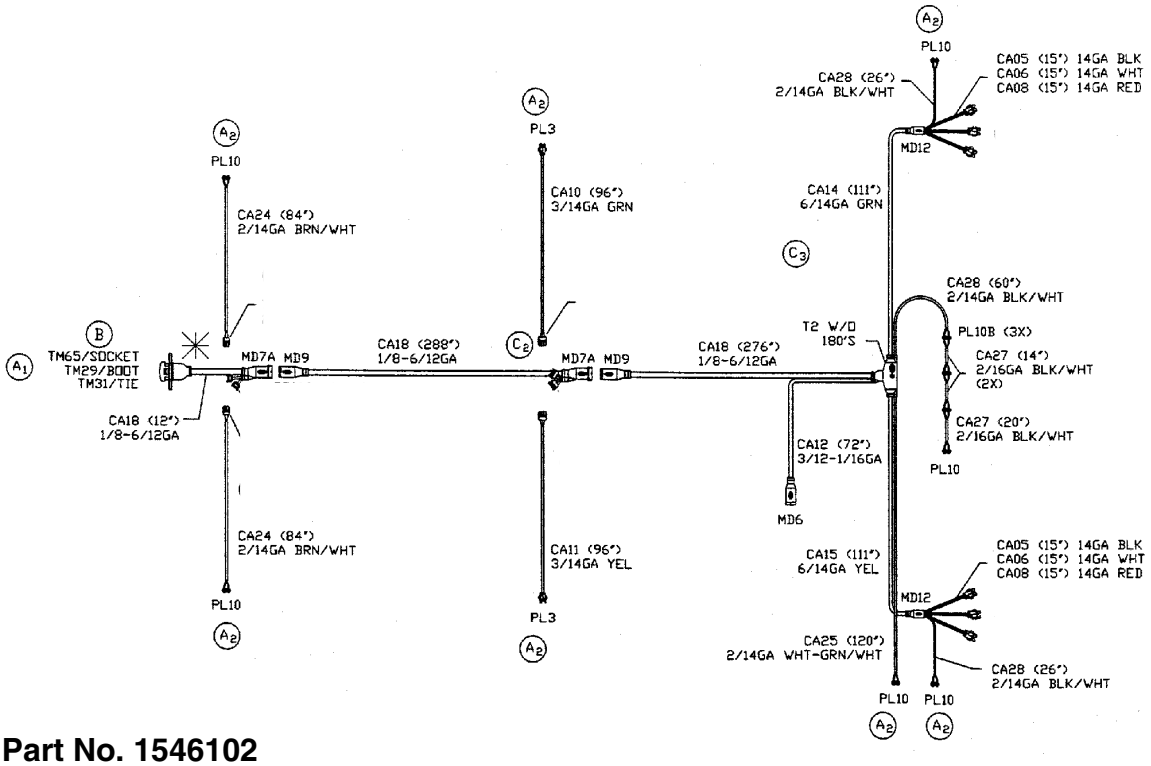
6 Terminal
Part No. B20306

7 Terminal
Part No. B20309

7 Terminal Junction Box
Mounting holes on 7 3/8" centers
Part No. 15-961

PHILLIPS

WIRING HARNESS KIT



Part No. 1546102
Universal Wiring 48' Harness For Lowboys, Flats, and Logging Trailers
Comes complete with ABS power cord connector , ABS warning light pigtail, metal 7-way plug, front & rear marker, leads and mid-turn and license plate pigtails.

TRUCKLITE LIGHTING KIT

TL60720	**(1)**	**(1)**	**TL60015Y**	
TL10414	**(1)**			
TL10205Y	**(1)**			
TL40048R	**(4)**	**TL50304**	**(4)**	**820012** **(1)**
TL15011	**(1)**	**TL50300**	**(1)**	**TL50400** **(1)**
TL10205R	**(1)**	**TL50200**	**(1)**	**TL50842** **(1)**
TL10401	**(5)**	**TL50201**	**(1)**	**BE23705** **(1)**
				15-740 **(1)**
TL60720	**(1)**	**(1)**	**TL60015Y**	
TL10414	**(1)**			

Part No. TL-LIGHT KIT

BETTS CLEARANCE LIGHTS

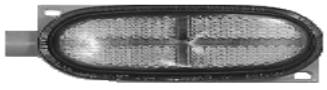
Components For Vapor Proof Lighting Systems By

BETTS Clearance Lamp
Flange diameter 4.062" high, 3.00" wide. Aluminum body, polycarbonate lens. Uses 67 bulb; Uses 1/4" NPT rear wire entry. For surface mount - requires 1.25" diameter hole for installation. Mounting gasket and screws included. 12V.

Red **Part No. 500012**
Amber **Part No. 500013**
Lens: Red 920109
Amber 920110

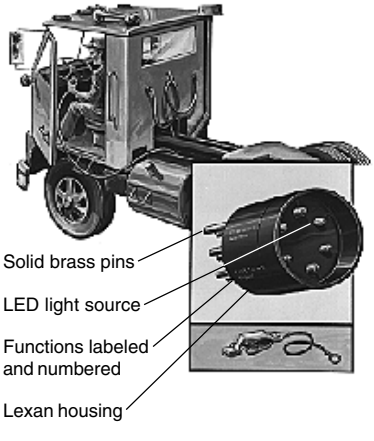
BETTS Clearance Lamp
Flange diameter 4.062". Aluminum body, polycarbonate lens. Uses 67 bulb; Uses 1/4" NPT threaded wire entry. Recess mount; requires 3" diameter hole for installation. Mounting gasket and screws included. 12V.

Red **Part No. 600011**
Amber **Part No. 600012**
Lens: Red 920109
Amber 920110



Identification Bar Lamp
Low profile aluminum body with polycarbonate shallow lens. Uses 67 bulbs. Furnished with 1/8" NPT wire entrance on end. 17.25" overall length. Mounting gaskets and screws included. 12V

Red **Part No. 200013**
Lens: **Red 920049**



Circuit Checker
A one man circuit checker for 7 way plugs. Simply Plug checker into 7 way cable and bring into cab. Activate switches for all circuits. The light emitting diode will illuminate when circuit is in proper working order. Faulty wiring will be indicated if diodes are dimmer, fail to light, or if more than one is illuminated.
Part No. 920273

BETTS Clearance Lamp
Flange diameter 4.062" high, 3.00" wide. Aluminum body, polycarbonate deep lens. Lens extends 2.25" from mounting surface. Uses 67 bulb; Uses 1/4" NPT rear wire entry. For surface mount - requires 1.25" diameter hole for installation.

Red **Part No. 500014**
Amber **Part No. 500015**
Lens: Red 920116
Amber 920117

Special purpose lamp - same as above but uses 1157 bulb in place of 67 bulb.
Amber **Part No. 500019**

Two 1/8" NPT wire entrances. Mounting gasket and screws included. For surface mount. 5.25" overall length. 12V.

Red **Part No. 210001**
Amber **Part No. 210002**

Betts Clearance Lamp
Tough Valox body with polycarbonate Reflex lens. Shock-mount bulb socket. Mounts horizontally or vertically. Uses 168 bulb.
One 1/4" NPT end wire entrance. Mounting gasket and screws included.

Red **Part No. 200017**
Amber **Part No. 200018**
Lens: **Red 920058**
Amber 920059

Same light as above with two 1/4" NPT end entrances. Mounting gasket and screws included.
Red **Part No. 200017**
Amber **Part No. 200018**

Betts

GROTE CLEARANCE LIGHTS

Round Surface Mount Duramold Single Bulb Clearance Lamp

- Seal tight snap on lens
- Molded in O-ring
- Heavy duty 2 c. p. wedge base bulb
- Flush mounting with attached pigtail

Red **Part No. GR45412**
Yellow **Part No. GR45413**

2 1/2" Diameter Sealed Clearance Lamp White Duramold base

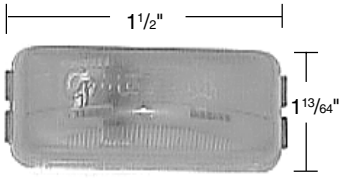
- Fits popular grommet and bracket mounting
- Hermetic lens to housing seal
- Twist on mounting fits all competitive mounting devices
- 15,000 hour bulb, 12V

Red **Part No. GR45812**
Yellow **Part No. GR45813**

2" Diameter Sealed Clearance Lamp White Duramold base

- Fits narrow rails and other tight installations
- Hermetic lens to housing seal
- Twist on mounting fits all competitive mounting devices
- 15,000 hour bulb

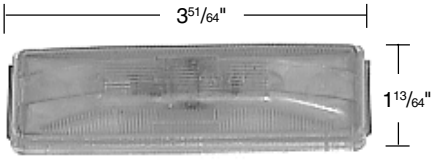
Red **Part No. GR45822**
Yellow **Part No. GR45823**



Sealed Single Bulb Polycarbonate Clearance Lamp

- Rectangular shape fits narrow applications
- Sonic sealed
- Easy installation
- 15,000 hour bulb

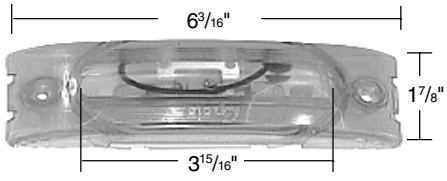
Red **Part No. GR46412**
Yellow **Part No. GR46413**



Sealed 2-Bulb Polycarbonate Clearance Lamp

- Fits narrow applications
- Sonic sealed
- 15,000 hour bulb

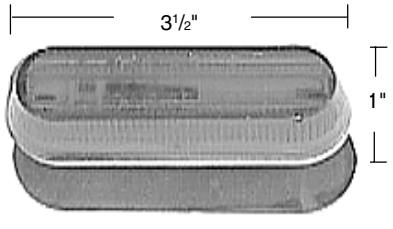
Red **Part No. GR46742**
Yellow **Part No. GR46743**



Low Profile Clearance Lamp

- Built-in class "A" reflector
- Stainless steel bezel
- Includes ground wire
- Requires 1 1/4" socket hole

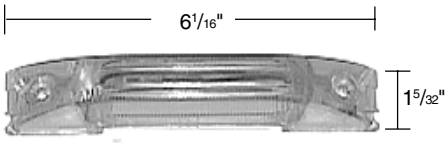
Red **Part No. GR45662**
Yellow **Part No. GR45663**



Thin-Line Single Bulb Duramold Clearance Lamp

- Narrow rail and channel mounting
- Closed cell sponge mounting pad
- Replaceable 2 c. p. bulb
- Attached pigtail

Red **Part No. GR45252**
Yellow **Part No. GR45253**



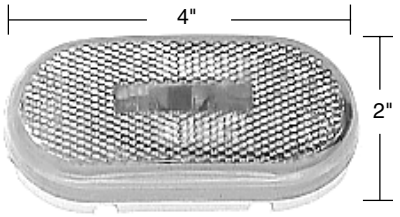
Turtle-Back Thin Line Single Bulb Duramold Clearance Lamp

- Turtle-back lens
- Narrow rail and channel mounting
- Attached pigtail

Red **Part No. GR45382**
Yellow **Part No. GR45383**

Grote
THE FIRST NAME
IN TRUCK SAFETY SYSTEMS

GROTE CLEARANCE LIGHTS

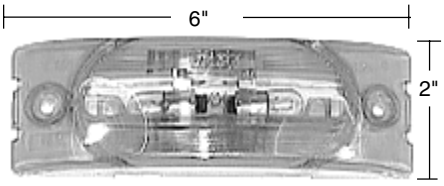


Holes on 3" centers

2-Bulb Oval Duramold Clearance Lamp
With Built-In Reflector

- Less than 1" profile
- Exclusive internal armor
- Two stainless steel grounds
- Lubricated fleet service bulbs

Red **Part No. GR45932**
Yellow **Part No. GR45933**

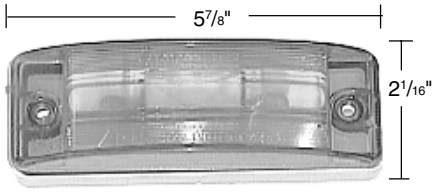


Holes on 3" centers

2 Bulb Turtle-Back No-Splice Duramold Clearance Lamp

- Lexan lens
- 2-hole stainless steel grounds
- Corrosion proof contacts
- Lubricated fleet service bulbs
- Sealed wire exits

With Optic Lens:
Red **Part No. GR45442**
Yellow **Part No. GR45443**



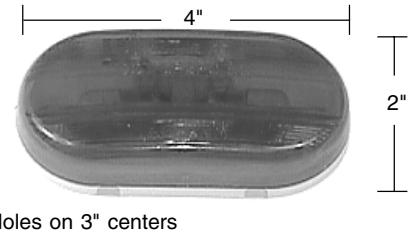
Holes on $4^{13}/_{16}$" centers

Field Resealable Turtle-Back II Clearance Lamp

- Weather-tight lens gasket seal
- Resealability with bulb replacement
- Impact resistant bulb contacts
- Waterproof pin connections
- Plug-in pigtail (Not included)
- **15,000 hour bulb**

With Optic Lens:
Red **Part No. GR46802**
Yellow **Part No. GR46803**

With Reflex Lens:
Red **Part No. GR46862**
Yellow **Part No. GR46863**

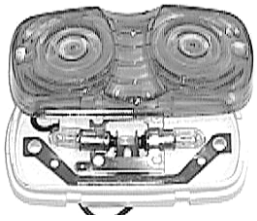


Holes on 3" centers

2 Bulb No-Splice Duramold Clearance Lamp

- Exclusive no-splice wiring system
- Less than 1" Profile
- Lubricated fleet service bulbs
- Standard snap-on lens

Red **Part No. GR45432**
Yellow **Part No. GR45433**

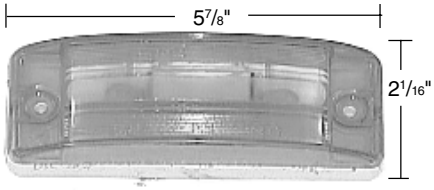


Holes on 3" centers

2 Bulb Square Corner Duramold Clearance Lamp

- Scalloped "dipped" lens
- 2-hole stainless steel grounds
- Corrosion-resistant contacts
- Lubricated fleet service bulbs
- Attached pigtail

Red **Part No. GR46792**
Yellow **Part No. GR46793**



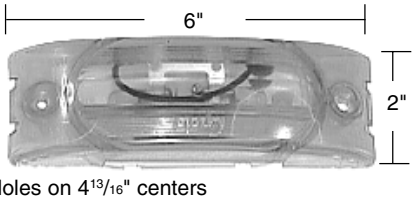
Holes on $4^{13}/_{16}$" centers

Sealed Turtle-Back II Duramold Clearance Lamp

- Shock absorbing and heat resistant lens and lamp base
- Hermetic lens to housing seal
- Waterproof pin connections
- Plug-in pigtail (Not included)
- **15,000 hour bulb**

With Optic Lens:
Red **Part No. GR46832**
Yellow **Part No. GR46833**

With Reflex Lens:
Red **Part No. GR46872**
Yellow **Part No. GR46873**

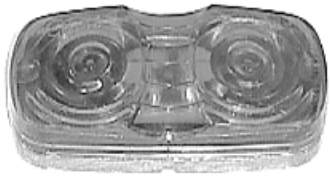


Holes on $4^{13}/_{16}$" centers

2 Bulb Turtle-Back Duramold Clearance Lamp

- Lexan lens
- 2-hole stainless steel grounds
- Corrosion proof contacts
- Lubricated fleet service bulbs
- Sealed wire exits

With Optic Lens:
Red **Part No. GR45462**
Yellow **Part No. GR45463**
With built-in Class "A" Reflector:
Red **Part No. GR46302**
Yellow **Part No. GR46303**

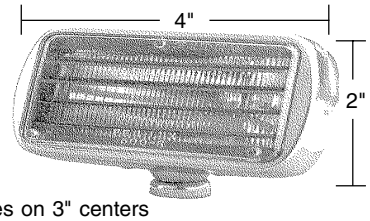


Holes on 3" centers

2 Bulb Square Corner Die-Cast Clearance Lamp

- Scalloped "dipped" lens
- Die-cast body
- Torsion-Mount bulb cradle
- Lubricated fleet service bulbs
- Interchanges with Signal-Stat 1201, 1203 and 9007 lens

Red **Part No. GR46782**
Yellow **Part No. GR46783**



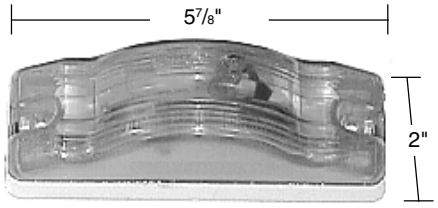
Holes on 3" centers

Fruehauf Special Duramold Clearance Lamp

- Fluted optics
- Molded T-terminal
- Designed to fit Fruehauf trailers
- Lubricated fleet service bulbs
- Corrosion-proof body
- Replaces Fruehauf L-CE8750, Signal-Stat 1220 and the Signal-Stat 9075 lens

Red **Part No. GR46772**
Yellow **Part No. GR46773**

GROTE CLEARANCE LIGHTS

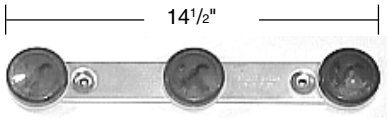


Holes on 3" centers

Sealed Multi-Function Sentry Lamp

- Duramold
- High impact base
- Polycarbonate lens
- Plug-in pigtail (not included)

Multi-Function:
Red **Part No. GR53062**
Yellow **Part No. GR53063**
Single Function:
Yellow: Part No. GR53163

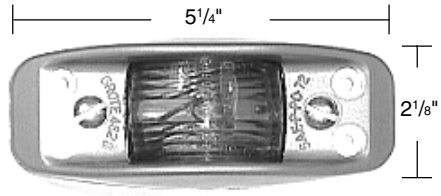


Holes on 8½" centers

Low Profile Bar Lamp

- Three GR45412 clearance lamps
- 11/4" high
- 141/2" aluminum bar
- Easy installation

Red **Part No. GR49042**

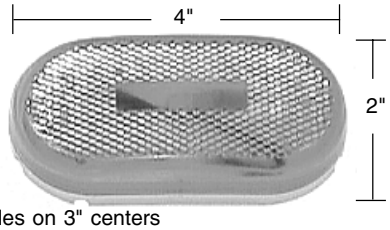


Holes on 3" centers

Die Cast Aluminum Clearance Lamp

- Mounts without disassembly
- Holes interchange with competitive lamps
- Polycarbonate lens
- Flat back, no socket hole required

Red **Part No. GR46282**
Yellow **Part No. GR46283**

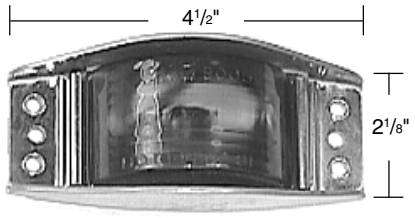


Holes on 3" centers

Duramold Single Bulb Oval Clearance Lamp
With Built-In Reflector

- Single bulb version of lamp above
- Low Profile
- Wedge base bulb

Red **Part No. GR46712**
Yellow **Part No. GR46713**

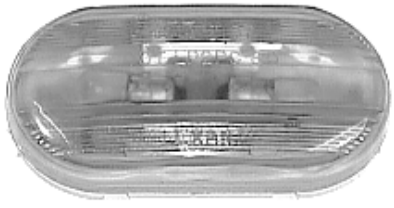


Holes on 3¹³/₁₆" centers

Narrow Rail Clearance Lamp

- Seal-tight expanded rubber gasket
- Steel housing
- 2 or 4 hole mounting
- Flat back, no socket hole required
- Snap-in lens

Red **Part No. GR45172**
Yellow **Part No. GR45173**



Popular Oval 2-Bulb Clearance Lamp

Popular style 2 bulb light features plastic base and Lexan lens.
2" wide, 4" long. 12 V. With pigtail.
Red **Part No. 1096733(GR45262)**
Yellow **Part No. 1096732(GR45263)**
Replacement Lenses:
Red: **Part No. 1092579(GR90122)**
Amber: **Part No. 1092605(GR90123)**

Die Cast Alloy Clearance Lamp

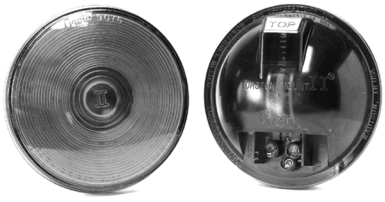
Popular style rectangular clearance light. 2 193 or 194 bulbs. Heavy duty die cast alloy base with O-ring for weather-tight seal.
2" wide, 4" long. 12V. With pigtail.
Red **Part No. 1046332**
Yellow **Part No. 1046333**
Replacement O-Ring
Part No. PM139-18
Replacement Lenses:
Red: **Part No. GR91962**
Amber: **Part No. GR91963**

GROTE STOP/TURN/TAIL

U.S. 40 Series, Economy, Stop-Tail-Turn Lamp

- Standard female connectionn
- 4" dia. lamp
- Fits all competitive pigtails, brackets and grommets
- Hermetic lens-to-housing seal

Part No. GR52922 Red



Blue Chip Premium, 40 Series, 4" Torsion Mount® II, Stop/Tail/Turn Lamp

- Torsion Mount II, Gel-Mount® bulb cradle design.
- Uses 50% more cushioning gel than standard lamp
- Tin plated bulb & track terminals for added corrosion protection.
- Female pin termination accepts all popular connections

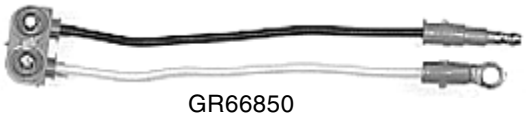
Part No. GR52952 Red

GROTE PIGTAILS

Sealed Marker Lamp Pigtails

6" Long. Factory molded plugs for use with ULTRA-BLUE SEAL trailer wiring system

Double Seal:
Chassis Ground:
Fits U. S. 10, 15, 30 series, 4701 & 4702 series LED's
6" long, black & white wires **Part No. GR66850**


GR66850

Single Seal:
Chassis Ground (w/Slim-Line Male) **Part No. GR66800**

GR66800

Ring terminal ground
w/blunt cut wire **Part No. GR67050**

GR67050

Marker Lamp Pigtail

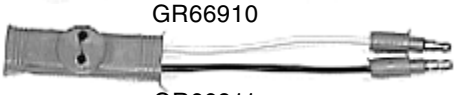
Pigtail for resealable system. Fits all Grote 2-bulb marker lamps with flag terminals including 4519, 4526, 4544, 4546, 4593, 4678 and 4679 series lamps. Integral grommet seals wire exit. **Part No. GR67120**

GR67120

Turtle-Back II Lamp Pigtails

Pigtail for 4680, 4684, 4686 and 4687 series lamps. All connections fit under lamps. Factory molded plugs for use with ULTRA-BLUE-SEAL trailer wiring system.
6" Long **Part No. GR66910**
6" Long **Part No. GR66911**
Short Wire w/Grounding Outlet **Part No. GR67070**

GR66910


GR66911

GR67070

Sentry Lamp Pigtails

Pigtail for 5306 lamps. For use with ULTRA-BLUE-SEAL trailer wiring system. O-ring prevents moisture and corrosion. 6" long.

Part No. GR66900
Part No. GR66903
Part No. GR66904
Part No. GR66905

GR66904

GR66905

GR66900

GR66903

3-Wire Plug-In Pigtails For Male Pin Lamps

Dual function. O-ring seal helps prevent moisture and corrosion. For use with ULTRA-BLUE-SEAL trailer wiring system. 11" long.

Part No. GR67002

GR67002

GROTE PIGTAILS, MOUNTING GROMMETS & BRACKETS

3-Wire Plug-In Pigtails

Dual function. O-ring seal helps prevent moisture and corrosion. For use with ULTRA-BLUE-SEAL trailer wiring system. 11 1/2" long. **Part No. GR67000**

GR67000

9" Y Adaptor Pigtails

Accommodates 6 lamp systems. Molded termination avoids moisture and corrosion buildup. **Part No. GR66810**

GR66810

Adaptor Plug

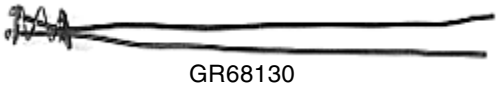
Female to male pin lamp termination, and male to female pin lamp termination. **Part No. GR66830**

GR66830

Replacement Lamp Socket Pigtails

Exceed all existing automotive requirements. Heavy gauge thermoplastic wire with brass contacts. Many competitive applications.

Double Contact, 7.5" long, red & black wires **Part No. GR68130**



GR68130

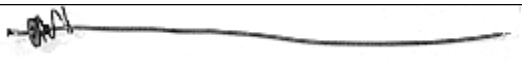
Double Contact, 6.5" long Red & black wires. **Part No. GR68150**

GR68150

Single Contact, 9.5" long. **Part No. GR68080**

GR68080

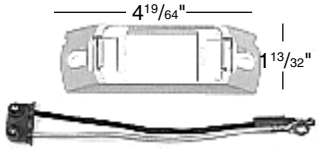
Single Contact, 9.5" long **Part No. GR68170**



GR68170

Metri-Pack™ Plug-In Sealed Pigtail

20" long. Fits either 4 or 5 wire applications; fits 5370, 5371, 5372 and 5376 series lamps
Part No. GR68680



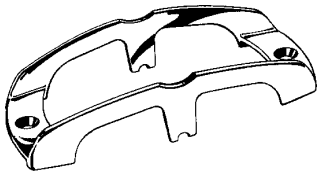
Header Mount Bracket Kit
- Fits U. S, series 15 lamps
- For narrow rail applications
- Mountable at 45 degree angle

Part No. GR43380 (white)

Corner Mounting Bracket
- Fits U. S. series 21 lamps
- Corner trailer mounting
- Molded in white with 9.5 degree radius base
- Legal mount for Turtle-Back II

Part No. GR43030

Grote



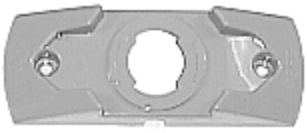
Chrome Buttress Style Light Guard
- Chrome plated die cast

Part No. GR43673

Closed Back Rubber Grommet
- Fits U. S, series 40 lamps
- For open installations where splash plate is not used.

Part No. GR91950

Twist-On Surface Mounting Bracket



- Fits U. S, series 10 & 30 lamps
- 2.125" X 5.625"
- Holes on 4" centers

Part No. GR43690

TRUCK-LITE CLEARANCE LIGHTS

Super 10
2½" Sealed Lamp With Reflector
- Polycarbonate reflectorized lens
- Lens and housing sonically sealed
- Shock mount extends bulb life
- Mounts in all Model 10 mounting devices
- 12V

Red Lamp Only
Part No. TL10208R
Yellow Lamp Only
Part No. TL10208Y

Model 30
2" Sealed Lamp With Flange
- Polycarbonate lens and housing
- Lens and housing sonically sealed
- Flange is polycarbonate and permanently affixed to lamp.
- 12V

Flush Mount:
Red Lamp Only
Part No. TL30221R
Yellow Lamp Only
Part No. TL30221Y
Surface Mount:
Red Lamp Only
Part No. TL30222R
Yellow Lamp Only
Part No. TL30222Y

Flange Dia. 2.93" on both surface mount and flush mount. Body Dia. 2.30" on flush mount.

Model 10
2½" Sealed Lamp
- Polycarbonate lens
- Lens and housing sonically sealed
- Mounts in all Model 10 mounting devices
- 12V

Red Lamp Only
Part No. TL10202R
Yellow Lamp Only
Part No. TL10202Y
Reflectorized Lens:
Red Lamp Only
Part No. TL10205R
Yellow Lamp Only
Part No. TL10205Y

Model 30
2" Beehive Lamp
- Designed for cab marker use
- Polycarbonate lens and housing sonically sealed.
- 12V

Red Lamp Only
Part No. TL30201R
Yellow Lamp Only
Part No. TL30201Y
Clear Back:
Yellow Lamp Only
Part No. TL30203Y

Model 10
2.5" Beehive Lamp
- Designed for cab marker use
- Polycarbonate lens and housing sonically sealed.

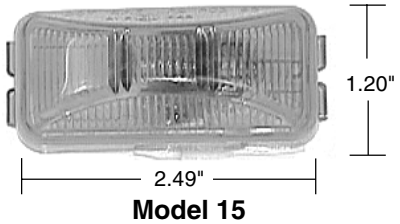
Model 10 Beehive Lamp
Red **Part No. TL10203R**
Yellow **Part No. TL10203Y**

Model 30
2" Sealed Lamp
- Polycarbonate lens
- Lens and housing sonically sealed
- Mounts in all Model 10 mounting devices
- 12V

Red Lamp Only
Part No. TL30200R
Yellow Lamp Only
Part No. TL30200Y

Model 30 ABS Warning Light
2" Sealed Lamp With ABS Logo
- Polycarbonate lens
- Lens and housing sonically sealed
- Mounts in all Model 10 mounting devices
- 12V

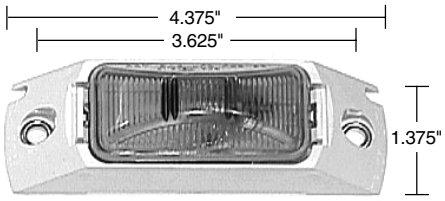
Yellow Lamp Only
Part No. TL30257Y



Model 15
Rectangular Sealed Lamp
- Can be mounted horizontally or vertically
- Polycarbonate lens and housing are sonically sealed
- Mounts in all Model 10 mounting devices. 12V

Red Lamp Only
Part No. TL15200R
Yellow Lamp only
Part No. TL15200Y

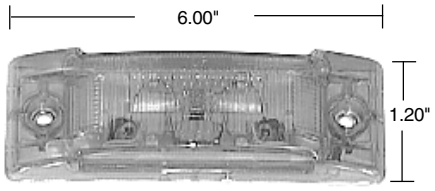
TRUCK-LITE CLEARANCE LIGHTS



Model 15
Header Mount Sealed Lamp

- Features high impact plastic adaptor that fits most narrow rails.
- Polycarbonate lens and housing are sonically sealed
- Mounts in all Model 10 mounting devices
- 12V

Red Lamp Kit
Part No. TL15008R
Yellow Lamp Kit
Part No. TL15008Y
Kit includes 1 TL15200R/Y Lamp,
1 TL15727 Mount
1 TL94924 Plug

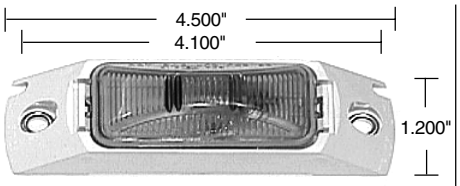


Super 21
Sealed Lamp

- Polycarbonate lens and housing sonically sealed
- Unique shock mount prolongs lamp life
- 12V

Lamps Only with 96930 hot wire:
Red **Part No. TL21001R**
Yellow **Part No. TL21001Y**
With Reflectorized Lens:
Red **Part No. TL21002R**
Yellow **Part No. TL21002Y**

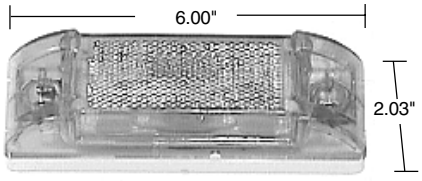
Lamps Only:
Red **Part No. TL21200R**
Yellow **Part No. TL21200Y**
With Reflectorized Lens:
Red **Part No. TL21201R**
Yellow **Part No. TL21201Y**



Model 15
Rectangular Sealed Lamp
With Branch Deflector Mount

- Polycarbonate lens and housing are sonically sealed
- 12V

Red Lamp Kit
Part No. TL15001R
Yellow Lamp Kit
Part No. TL15001Y
Kit includes 1 TL15001R/Y Lamp,
1 TL15720 Mount
1 TL96904 Plug

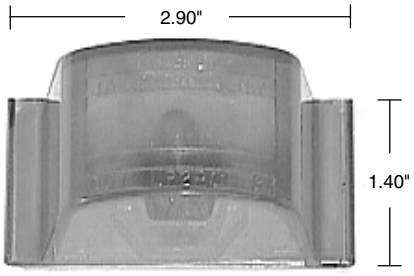


Super 21
Extension Bracket Sealed Lamp

- High impact white plastic

Lamps Kit with Reflectorized Lens:
Red **Part No. TL21501R**
Yellow **Part No. TL21501Y**

Extension Bracket, White
Part No. TL21720

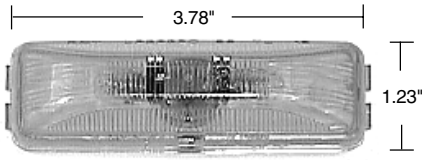


Mounting options for Model 12 lights are special order items

Model 12
Sealed Lamp

- Polycarbonate lens and housing sonically sealed
- Reflectorized lens
- 12V

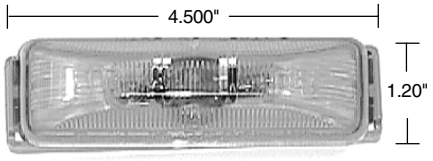
Lamps Only:
Red **Part No. TL12200R**
Yellow **Part No. TL12200Y**



Model 19
Double Bulb Sealed lamp

- Lens and housing sonically sealed
- Legal when one or both bulbs operating, mounted horizontally or vertically
- 12V

Red Lamp Only
Part No. TL19200R
Yellow Lamp Only
Part No. TL19200Y



Mounting Holes on 3.00" centers

Model 19
Double Bulb Sealed lamp Kit

- Features unique plug-in design for ease of installation of model 19 lamps
- 12V

Lamp Kits with TL19720 Grey Base:
Red: **Part No. TL19001R**
Yellow: **Part No. TL19001Y**

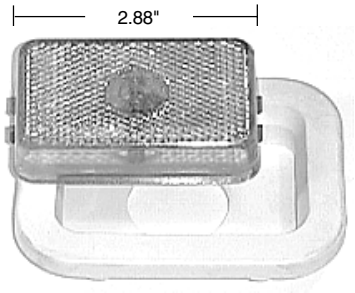
Lamp Kit Contains: 1 TL19200R/Y
1 TL19720 Base

Lamp Kits with TL19721 Grey Base and Mounted Hot Wire:
Red **Part No. TL19002R**
Yellow: **Part No. TL19002Y**

Lamp Kit Contains:
1 TL19200R/Y
1 TL19721 Base/Wire

Truck-Lite®

TRUCK-LITE CLEARANCE LIGHTS

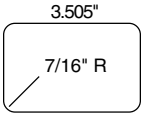


Model 14
Sealed Lamp With Reflector

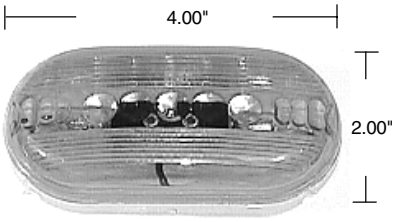
- Rectangular Polycarbonate lens and housing are sonically sealed
- Reflectorized lens
- 12V

Lamps Only:
Red **Part No. TL14200R**
Yellow **Part No. TL14200Y**

White Grommet:
Part No. TL14700



Recommended Grommet Hole Size



Model 26
Bulb Replaceable Lamp

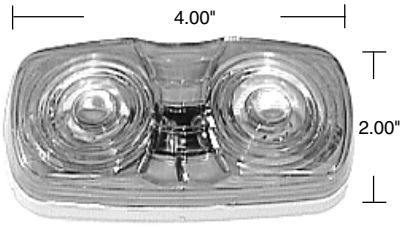
- Snap-in lens with plastic housing
- Lens numbers 99055R/Y
- Uses two replaceable 194 wedge-base bulb.
- 12V

Lamps With Pigtail:
Red **Part No. TL26301R**
Yellow **Part No. TL26301Y**

Model 18
Bulb Replaceable Lamp
With Reflector

- Sealed reflector lens and housing
- * Lens numbers TL99012R/Y
- Uses replaceable 194 wedge-base bulb and TL94940 plug.
- 12V

Lamp Kits:
Red **Part No. TL18300R**
Yellow **Part No. TL18300Y**



Model 26
Bulb Replaceable Lamp

- Snap-in lens with plastic housing
- * Lens numbers 99053R/Y
- Uses two replaceable 194 wedge-base bulb.
- 12V

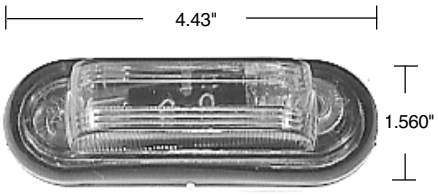
Lamps With Pigtail:
Red **Part No. TL26302R**
Yellow **Part No. TL26302Y**

Model 10 and Model 30 Black Enameled Metal ID Bar

- Model 10 includes three TL10202R 2 1/2" sealed lamps, 12V
- Model 30 includes three TL30200R 2" sealed lamps, 12V

Model 10
ID Bar With Lamps On 6" Centers:
Red **Part No. TL10744R**
Includes TL93906 wiring harness.
ID Bar With Lamps On 9" Centers:
Red **Part No. TL10745R**
Includes TL93908 wiring harness.

Model 30
ID Bar With Lamps On 6" Centers:
Red **Part No. TL30740R**
Includes TL93906 wiring harness.



Model 26
Bulb Replaceable Lamp
With Rubber Housing

- Snap-in lens and rubber housing
- * Lens numbers TL99051R/Y
- Uses two replaceable 194 wedge-base bulb.
- 12V

Lamps With Pigtail:
Red **Part No. TL26310R**
Yellow **Part No. TL26310Y**
Replaceable Lens:
Red TL99051R
Yellow TL99051Y

Model 26
Pee-Wee Bulb Replaceable Lamp

- Snap-lock lens, plastic housing
- * Lens numbers TL99052R/Y
- Mounts without disassembly
- Uses one 1895 bulb.
- 12V

Lamps With Pigtail:
Red **Part No. TL26306R**
Yellow **Part No. TL26306Y**
Replaceable Lens:
Red Part No. TL99052R
Yellow Part No. TL99052Y

Model 15
Stainless Steel ID Bar

- Three TL15210R sealed lamps
- * Lamps on 6" centers
- Includes TL93943 wiring harness
- 12V

R ed **Part No. TL15741R**

TRUCK-LITE CLEARANCE LIGHT MOUNTING ACCESSORIES

Surface Mount Kit for 2½" Diameter Lamps
Stainless steel.
Kit Part No. TL10400
Kit contains One TL10720 mount
One TL94902 Plug

Open Grommet Mount Kit for 2½" Diameter Lamps
Vinyl grommet flush mount lamp, requires 2.781" diameter mounting hole.
Kit Part No. TL10401
Kit contains One TL10700 grommet
One TL94902 Plug

Closed Grommet Mount Kit for 2½" Diameter Lamps
Vinyl grommet flush mount lamp, requires 2.781" diameter mounting hole.
Kit Part No. TL10402
Kit contains One TL10702 grommet
One TL94902 Plug

Diaphragm Grommet Mount Kit for 2½" Diameter Lamps
Used for edge lighting 21/2" diameter lamps.
Kit Part No. TL10403
Kit contains One TL10708 grommet
One TL94902 Plug

3" Grommet Mount Kit for 2½" Diameter Lamps
Vinyl grommet recess mounts lamps
Kit Part No. TL10414
Kit contains One TL10704 grommet
One TL94902 Plug

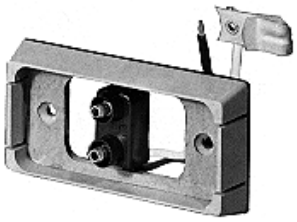
Cam-On Mount Kit for 2½" Diameter Lamps
High impact plastic mount with branch deflector
Kit Part No. TL10410
Kit contains One TL10728 mount
One TL94924 Plug

Surface Grommet Mount Kit for 2½" Diameter Lamps
Aluminum bracket mount allows lamps to be surface mounted in a grommet.
Kit Part No. TL10412
Kit contains One TL10700 Grommet
One TL10722 Mount
One TL94902 Plug

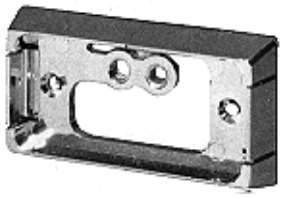
Branch Deflector Mount Kit for 2½" Diameter Lamps
High impact plastic mount with branch deflector allows lamp to be surface mounted.
Kit Part No. TL10414
Kit contains One TL10700 Grommet
One TL10725 Mount
One TL94902 Plug

Model 15 Grommet
Vinyl grommet flush mounts Model 15 rectangular sealed lamps. Can be mounted in panels up to .250" thick.
Part No. TL15702

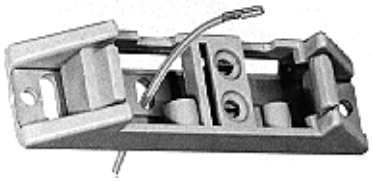
TRUCK-LITE CLEARANCE LIGHT MOUNTING ACCESSORIES



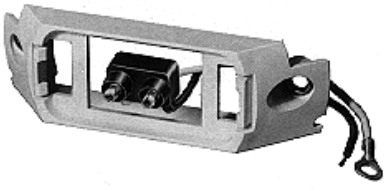
Model 15 Adaptor Mount Kit
Stylish adaptor mounts model 15 rectangular lamps.
Adaptor Mount Kit, Gray
Kit Part No. TL15404
Kit contains One TL00790 Adaptor
One TL94906 Plug
Adaptor Mount Kit, Chrome
Kit Part No. TL15405
Kit contains One TL00791 Adaptor
One TL94906 Plug



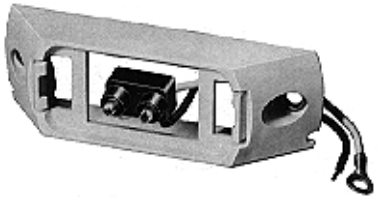
Self-Grounding Model 15 Adaptor Mount Kit
Chrome adaptor mounts model 15 rectangular lamps.
Kit Part No. TL15407



Model 15 Branch Deflector Mount Kit
This branch deflector mount has permanently fixed hot and ground contacts.
Adaptor Mount Kit
Kit Part No. TL15401
Kit contains One TL15720 Mount
One TL94904 Plug



Model 15 Rail Mount Kit
High impact plastic adaptor mounts the model 15 lamps and features a cutout area for the Fruehauf narrow rails.
Rail Mount Kit
Kit Part No. TL15412
Kit contains One TL15727 Mount
One TL94924 Plug

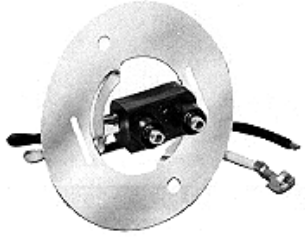


Model 15 Header Mount Kit
High impact plastic adaptor mounts the model 15 lamps and fits most narrow rails
Rail Mount Kit
Kit Part No. TL15414
Kit contains One TL15728 Mount
One TL94924 Plug

Model 19 Base Mount Parts
Features unique plug-in design for ease of installation of the TL19200R/Y and TL19206 lamps
Gray base:
Part No. TL19720
Gray Base With Hot Wire**:**
Part No. TL19721
Hot Wire:
Part No. TL96904
Hot Wire With .180 Bullet:
Part No. TL96919

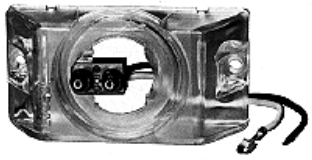
Model 19 Aluminum Lamp Guard
Use with model 19 base mount lamp kits. Holes on 3" centers.
Part No. TL19724

Grommet Mount Kits for 2" Lamps
Vinyl grommet flush mounts 2" diameter sealed lamps
Grommet Mount Kit, ***Open Back***:
Kit Part No. TL30401
Kit contains One TL30700 Grommet
One TL94902 Plug
Grommet Mount Kit, ***Closed Back***
Kit Part No. TL30402
Kit contains One TL30702 Grommet
One TL94902 Plug



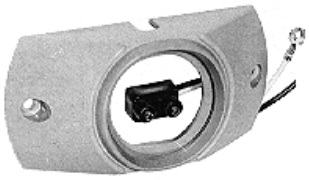
Surface Mount Kits for 2" Lamps
Stainless steel mount kit
Kit Part No. TL30400
Kit contains One TL30720 Mount
One TL94902 Plug

TRUCK-LITE CLEARANCE LIGHT MOUNTING ACCESSORIES



Cam-On Mount Kit for 2" Lamps
High impact plastic lamp mount
Kit Part No. TL30403
Kit contains
One TL00801 Mount
One TL94902 Plug

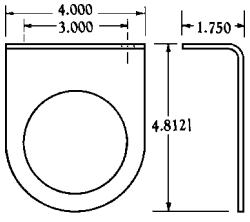
Branch Deflector Mount Kit for 2" Lamps
High impact plastic lamp mount with branch deflector allows 2" lamps to be surface mounted in a grommet
Kit Part No. TL30404
Kit contains:
One TL30700 Grommet
One TL30721 Mount
One TL94902 Plug



Branch Deflector Mount Kit for 2" Lamps
High impact plastic lamp mount with branch deflector allows 2" lamps to be surface mounted in a grommet
Kit Part No. TL30405
Kit contains:
One TL30701 Grommet
One TL30722 Mount
One TL94902 Plug

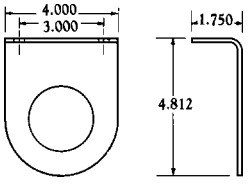
Branch Deflector Mount Kit for 2" Lamps
High impact plastic lamp mount with branch deflector allows 2" lamps to be surface mounted in a grommet
Kit Part No. TL30407
Kit contains:
One TL30701 Grommet
One TL30727 Mount
One TL94902 Plug

Model 10 Mounting Bracket
Heavy steel angle bracket for mounting grommets requiring 2.781" hole, grommet part number TL10700, TL10702, and TL10708 and grommet requiring 3" hole, part number TL10704
Bracket w/2 25/32" Hole
Part No. TL10729
Bracket w/3" Hole
Part No. TL10730

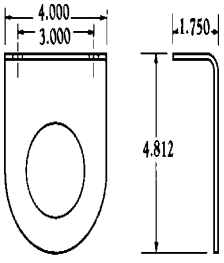


.375 bolt hole diameter

Model 30 Mounting Bracket
Used for mounting grommets requiring 2.312" diameter hole, part numbers TL30700 and TL30702
Part No. TL30728

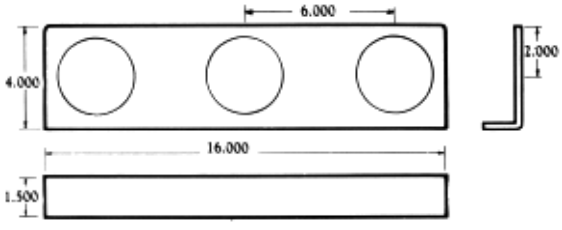


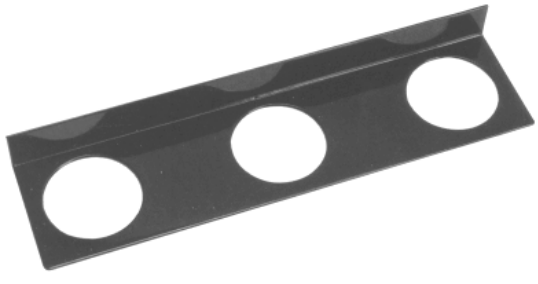
.375 bolt hole diameter



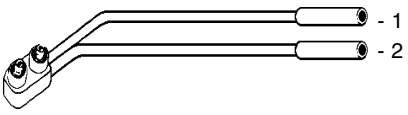
.375 bolt hole diameter

Three Lamp Mounting Bracket
For mounting grommets requiring 3" diameter hole.
Part No. TL00814

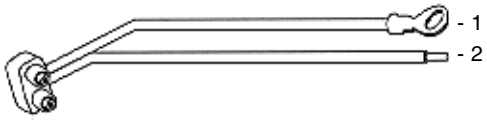




SOCKETS AND PLUGS FOR TRUCK-LITE LAMPS

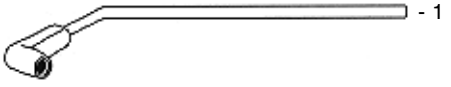


Part No.	Function	Length	Termination	Color
	Marker/Clearance Plug			
	16 gauge wire, tin plated brass terminals			
TL94902	1 Ground	6"	#6 Ground Terminal	White
	2 Marker	6"	6/32" Wire Strip	Black

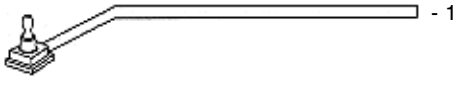


	Marker/Clearance Plug			
	16 gauge wire, right angle design for use in space limited areas.			
TL94924	1 Ground	6"	#10 Ring Terminal	White
	2 Marker	6"	6/32" Wire strip	Black
TL94927	1 Ground	4"	#10 Ring Terminal	White
	2 Marker	5"	.156 Shunt Device	Black

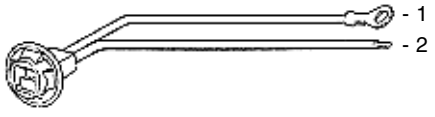
	Identification Bar Harness			
	For sealed lamp identification bar assemblies. 14 gauge wires			
TL93908	1 Ground	41/2"	#10 Ring Terminal	White
(9" centers)	2 Marker	8"	11/32" Wire Strip	Black



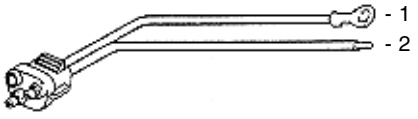
	License Plate Lamp Plug			
	For use with TL17200 sealed lamp. 16 gauge wires.			
TL94922	1 Marker	18"	Blunt Cut	Black



	Super 21 Plug			
	16 gauge wire, tin plated brass terminals.			
TL96930	1 Marker	12"	6/32" Wire Strip	Black
TL96935	1 Marker	5"	.156" Shunt Device	Black

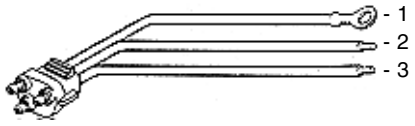


	Marker/Clearance Socket Assembly			
	For 18300 and 25760Y lamps. Bulb not included.			
TL94940	1 Ground	12"	#10 Ring Terminal	White
(#194 Bulb)	2 Clearance	12"	12/32" Wire strip	Black
	(18 Ga. Wires)			

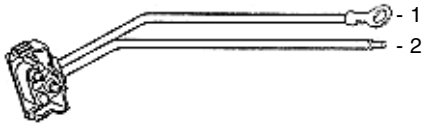


	Stop/Turn Plug			
	For use with double contact sealed incandescent stop/turn/tail lamps			
TL94925	1 Ground	10"	#10 Ring Terminal	White
	2 Stop/Turn	10"	6/32" Wire Strip	Red

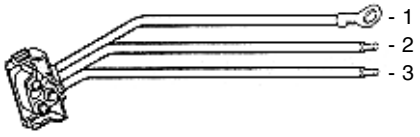
SOCKETS AND PLUGS FOR TRUCK-LITE LAMPS



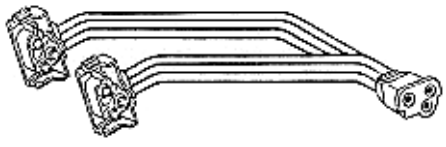
Part No.	Function	Length	Termination	Color
	Stop/Turn/Tail Plug			
	For use with double contact sealed incandescent stop/turn/tail lamps			
TL94926	1 Ground	10"	#10 Ring Terminal	White
	2 Tail	10"	6/32" Wire Strip	Black
	3 Stop & Turn	10"	6/32" Wire Strip	Red



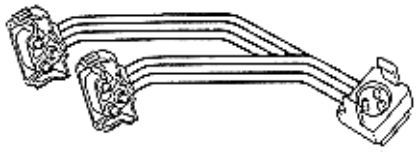
	Right Angle Stop/Turn Plug			
	For use with single contact sealed stop/turn lamps			
TL94992	1 Ground	10½"	#10 Ring Terminal	White
	2 Tail	10¼"	6/32" Wire Strip	Red



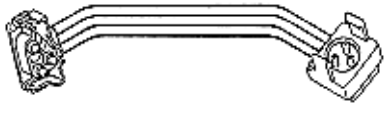
	Right Angle Stop/Turn/Tail Plug			
	For use with double contact sealed stop/turn/tail lamps			
TL94931	1 Ground	48"	#10 Ring Terminal	White
	2 Tail	48"	6/32" Wire Strip	Black
	3 Stop/Turn	48"	6/32" Wire Strip	Red
TL94993	1 Ground	10½"	#10 Ring Terminal	White
	2 Tail	10¼"	6/32" Wire Strip	Black
	3 Stop/Turn	10¼"	6/32" Wire Strip	Red



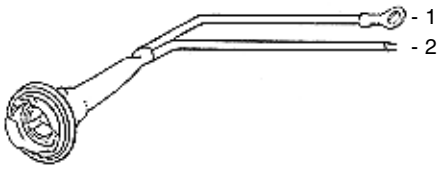
	Right Angle Stop/Turn/Tail Plug With Adaptor			
	Converts one stop/turn/tail into two stop/turn/tail plugs			
TL94932	1 Ground	10"		White
	2 Tail	10"		Brown
	3 Stop/Turn	10"		Red



	Two Plug Adaptor			
	Converts single plug female harness into a conventional two plug male harness to mate with most sealed S/T/T lamps			
TL94865	1 Ground	10"		White
	2 Tail	10"		Brown
	3 Stop/Turn	10"		Red



	Single Plug Adaptor			
	Converts single plug female harness into a conventional single plug male harness which mates with most sealed S/T/T lamps			
TL94897	1 Ground	5"		White
	2 Tail	5"		Brown
	3 Stop/Turn	5"		Red
	(16 Ga. GPT wires)			



	Socket Assembly			
	For 91311, 60330 and 60332 lamps. Bulb included			
TL94959	1 Ground	7½"	#10 Ring Terminal	White
(#1156 bulb)	2 Stop/Turn	8"	6/32" Wire strip	Red
TL95407	1 Ground	7½"	#10 Ring Terminal	White
(#1157 Bulb)	2 Tail	8"	6/32" Wire strip	Black

PETERSON CLEARANCE LIGHTS

PETERSON MANUFACTURING CO.

Clearance Light

Self-gasketing neoprene housing seals out dirt and moisture. Patented Vibar® vinyl socket reduces premature bulb failure

Lamps With Pigtail:

Red	**Part No. PM100R**
Yellow	**Part No. PM100A**

Lens:

Red	**Part No. PM100-15R**
Amber	**Part No. PM100-15A**

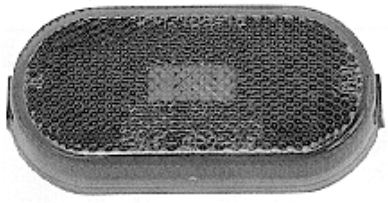
Clearance Light

Lexan housing will not distort at extreme hot or cold temperatures. Patented Vibar® socket insures greatly extended bulb life. Lens snap-seals into housing.

Red	**Part No. PM104R**
Yellow	**Part No. PM104A**

Lens:

Red	**Part No. PM100-15R**
Amber	**Part No. PM100-15A**



Clearance Light

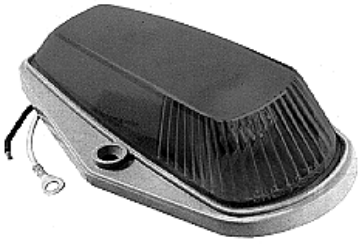
Reflectorized lens. Molded base with single bulb socket. Includes pigtail. Snap-on lens. 193 or 194 bulb

Red	**Part No. PM108WR**
Yellow	**Part No. PM108WA**

Lens:

Red	**Part No. PM108-15R**
Amber	**Part No. PM108-15A**

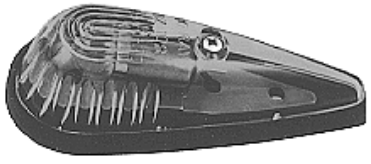
TRUCK-LITE CAB MARKER LIGHTS



Cab Marker Light

Lens and housing are sonically sealed. Contains TL94940 plug and 194 wedge base bulb. Replaces lamps used on many Ford trucks.

Width:	3.60"
Length:	5.930"
Yellow	**Part No. TL25760Y**



Cab Marker Light

Features single screw snap-in lens mounting and contoured rubber housing. Contains one 67 bulb.

Replacement lens: TL99067Y

Width:	2.190"
Length:	5.530"
Yellow	**Part No. TL26765Y**

Cab Marker Light

Features chrome plated plastic housing with contour base and rubber mounting pad. Includes on 97 bulb and replaceable lens.

Replacement lens: TL99066Y

Width:	2.190"
Length:	5.530"
Yellow	**Part No. TL26760Y**

Cab Marker Light

Features snap-on lens, chrome finish housing and adjustable swivel base. Mounts on 2" mounting hole centers. Contains one 67 bulb.

Replacement lens: TL99065Y

Width:	3.875"
Length:	4.500"
Red	**Part No. TL26763R**
Yellow	**Part No. TL26763Y**

Cab Marker Light

Features single screw lens mounting and rubber mounting pad. Mounts on $1^1/_2$" mounting hole centers. Contains one 904 bulb.

Replacement lens: TL99063/Y

Width:	2.720"
Length:	3.360"
Red	**Part No. TL26771R**
Yellow	**Part No. TL26771Y**

Truck-Lite®

STOP/TURN/TAIL LIGHTS

Betts

Sealed Lighting System Components

Stop/Turn/Tail Light
Polycarbonate shallow lens and shock mount bulb socket. Uses 1156 or 1157 bulb, 920134 red lens. Mounting gasket and screws included. Body must be drilled and tapped for wire entry. Recess mount.
Part No. 400066

Stop/Turn/Tail Light
Polycarbonate deep lens and shock mount bulb socket. Uses 1156 or 1157 bulb, 920144 red lens. Mounting gasket and screws included. Body must be drilled and tapped for wire entry. Recess mount.
Part No. 400067

Grote

THE FIRST NAME IN TRUCK SAFETY SYSTEMS

4" Diameter 12V
Sealed Turn Lamp
Gray Polycarbonate
- O-ring design eliminates corrosion.
- **Single contact**.
- Locking tabs assure solid pigtail connections
- Uses GR91740 grommet, GR67002 pigtail (not included)
- Fits 4½" diameter hole

Light Only:
Red **Part No. GR55712**
Yellow **Part No. GR55713**

4" Diameter 12V
Sealed Turn Lamp
Gray Polycarbonate
- Hermetic lens to housing seal.
- Double contact.
- LEXAN Body
- Uses GR91740 grommet, GR67000 pigtail
- Fits 4½" diameter hole

Light Only:
Red **Part No. GR55772**
Yellow **Part No. GR55773**
Red Kit:
Part No. GR52782
Kit contains lamp, GR91740 grommet, GR67000 pigtail.

4" Diameter 12V
Sealed Stop/Tail/Turn Lamp
Gray Polycarbonate
- O-ring design eliminates corrosion.
- **Double contact**.
- Locking tabs assure solid pigtail connections
- Uses GR91740 grommet, GR67002 pigtail (not included)
- Fits 4½" diameter hole

Light Only:
Red **Part No. GR53102**
Yellow **Part No. GR53103**

4" Diameter 12V
Polished Stainless Steel
Sealed Stop/Tail/Turn Lamp
- Torsion mount bulb cradle.
- Lexan lens.
- Double Contact.
- Fits 4½" diameter hole

Light Only:
Red **Part No. GR52612**

Economy Stainless Lamp
- Double Contact.
- Fits 4½" diameter hole

Red **Part No. GR52522**

STOP/TURN/TAIL LIGHTS

Grote

3-Stud 12V
Metri-Pack™
RH Replacement Lamp

- Metri-Pack™ connector on left side
- Duramold, black finish
- With license window
- Services GM #15613944 and #15565732
- Services Navistar #1661282C91
- Pigtail No. GR68680 (not included)

Light Only:
Red **Part No. GR53702**

Lens 6.75" high, 5.75" wide.
Housing 3.188" deep.

3-Stud 12V
Metri-Pack™
LH Replacement Lamp

- Metri-Pack™ connector on right side
- With license window
- Services GM #15613943 and #15565731
- Pigtail No. GR68680 (not included)

Light Only:
Red **Part No. GR53712**

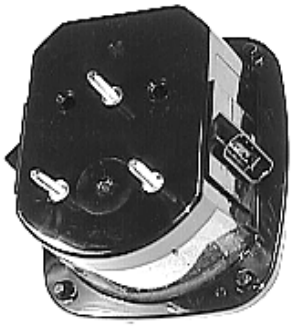
Lens 6.75" high, 5.75" wide.
Housing 3.188" deep.

3-Stud 12V Metri-Pack™
Replacement Lamp
With Double Connector

- Metri-Pack™ connector on both sides
- With license window
- Replaces Navistar #1661281C91
- Pigtail No. GR68680 (not included)

Lens 5.75" Wide, 6.75" High
Housing 3.188" Deep

Light Only:
Red **Part No. GR53762**



3 Stud Torsion Mount 12V
Universal
Replacement Lamp

- 6 in 1 lamp
- Universal wiring connection
- Four screw posts in junction box.
- Fits all 3-stud mounting on heavy duty trucks.

Lens 5.75" Wide
6.75" High
Housing 2.875" Deep

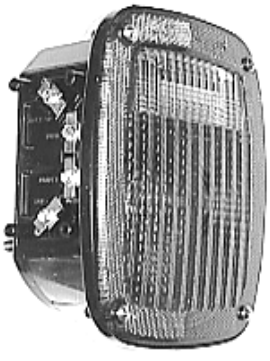
Light Only:
RH **Part No. GR52902**
LH **Part No. GR52912**

3 Stud GMC 12V
Torsion Mount Lamp

- Junction box with quick splice or ring connectors

Lens 5.75" Wide
6.75" High
Housing 2.875" Deep

RH **Part No. GR50902**
Replaces GM 715103 or 2063933
LH **Part No. GR50912**
Replaces GM 715104 or 2063931

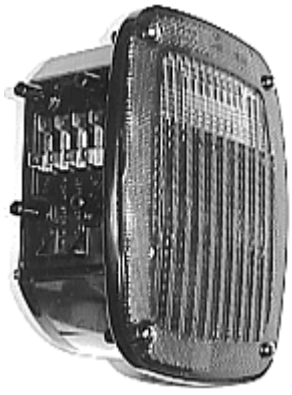


3 Stud Navistar/Volvo
Torsion Mount Lamp 12V

- Junction box with "Fast on" blade terminals

Lens 5.75" Wide
6.75" High
Housing 2.875" Deep

RH **Part No. GR50952**
Replaces
RH Navistar 424549-C91
LH White 83702-0002
LH **Part No. GR50942**
Replaces
LH Navistar 424537-C91 & 424538-C91
RH White 83701-0002



GROTE STOP/TURN/TAIL LIGHTING

2 Stud 12V Mack/Dodge Replacement Torsion Mount Lamp

- Fits both right and left
- Includes OE 39" pigtail with ring terminal
- With license window
- Replaces Mack 14M0444RP1 & 14M0444RP4 shock mount

Lens 5.75" Wide 6.75" High
Housing 2.875" Deep

Part No. GR50992

3 Stud 12V Peterbilt, Chevrolet, Jeep, GMC Replacement Lamp With Pigtail

Replaces

- Peterbilt 16-02600R & 16-02600L
- Chev. 370867 & 370868
- Jeep SF5457197 & SF545719

Lens 5.75" Wide 6.75" High
Housing 2.875" Deep

Part No. GR50972

2 Stud 12V Ford Replacement Lamp With Pigtail & Molded Plug

- Studs on $1^{3}/_{4}$" centers
- Retrofits Ford OEM C7TZ13404C, D0TZ13404A, D3KZ13404A, D3TZ13403B. E2TB13404A, E2TB13405A

Lens 5.75" Wide 6.75" High
Housing 2.875" Deep

Part No. GR52972

4" Duramold 2-Stud Mount Combination Lamp

- Snap-on lens
- Neoprene compression plugs for pigtails
- With license window

Lens 4.75" Dia.
Housing 3.312" Deep

Part No. GR50852

4" Duramold 2-Stud Mount Combination Lamp

- 3 screw lens
- Neoprene compression plugs for pigtails
- With license window

Lens 4.75" Dia.
Housing 3.312" Deep

Part No. GR50862

FRONT TURN SIGNALS

2 Stud Plug-In Lamp

- Fits right or left side
- Keyed plug-in receptacle
- Accepts OEM harness
- Standard with Navistar
- Incorporates side marker light
- Acrylic lens, polycarbonate body
- Vertical mount

Height: $4^{25}/_{32}$"
Width $4^{9}/_{16}$"
Deep: $2^{7}/_{8}$"

Part No. GR55470

5/16" studs 2" centers

2 Stud Chrome Lamp With Pigtail

- Switch lens for right or left
- Ground wire plus tab
- 73" long color-coded pigtail
- PVC heat-sealed loom
- Side marker light
- Acrylic lens, polycarbonate body
- Vertical mount

Height: $4^{25}/_{32}$"
Width $4^{9}/_{16}$"
Deep: $2^{7}/_{8}$"

Part No. GR55340

5/16" studs 2" centers

2 Stud Lamp With Pigtail

- OEM styling
- 73" long color-coded pigtail
- Side marker light
- Acrylic lens, polycarbonate body
- Vertical mount

Height: $4^{3}/_{4}$"
Width $4^{1}/_{2}$"
Deep: $2^{3}/_{4}$"

RH Part No. GR55410
Replaces Chev/GMC 2017747
LH Part No. GR55420
Replaces Chev/GMC 2017751

GROTE TURN SIGNAL LIGHTING

Pedestal Mount
Lamp With Pigtail

- OEM styling
- Acrylic lens, black polycarbonate body
- Side marker light
- Horizontal mount

RH Part No. GR55450
Replaces Chev/GMC 694628
LH Part No. GR55460
Replaces Chev/GMC 694627

4.5" X 4.5"
Mounting holes on 3.25" centers

4" Die Cast
Double-Face Lamp
Double Contact

- Shows yellow to front, red to rear
- 3 screw acrylic lenses
- Grommeted wire exit

Dia. 4.125"
Deep 2.375" Deep

Red & yellow, chrome plated
Part No. GR53000

4" Die Cast
Double-Face Lamp
Single Contact

- Shows yellow to front, red to rear
- 3 screw acrylic lenses
- Grommeted wire exit

Dia. 4.125"
Deep 2.375" Deep

Red & yellow, chrome plated
Part No. GR56000

4' Zinc Die Cast
Single Face Map

- Double contact
- Red lens, black enamel finish
- 3 screw acrylic lens
- For use on vehicles under 80" wide
- Grommeted wire exit
  4.125" Diameter

Part No. GR53052

Thin Line Zinc Die Cast
Double Faced lamp

- SINGLE CONTACT
- For fender or front bracket mount
- Shows yellow to front, red to rear
- Snap grip lens with rubber O-rings

Baked aluminum finish:
Part No. GR55280
Triple chrome plated:
Part No. GR55290

4.25" Diameter

Thin Line Duramold
Double Faced lamp

- Snap on lenses
- Molded in baffle
- Molded in O-ring
- Red and yellow lenses DOUBLE CONTACT

Part No. GR50630
SINGLE CONTACT
Part No. GR55220

4.25" Diameter

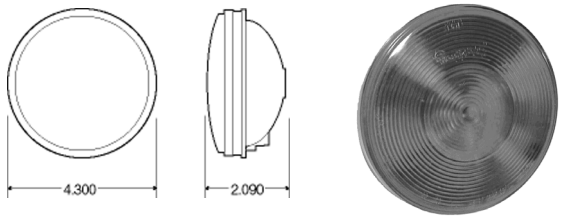
7" Jumbo
Single Face Lamp

- 2 stud or bracket mounting
- Bull's-eye and concentric circle lens design
- Heavy gauge formed steel housing

Yellow:
Part No. GR78003
With yellow arrow lens, molded .180 terminal:
Part No. GR78303
Yellow arrow lens:
Part No. GR90103

TRUCK-LITE STOP/TURN/TAIL LIGHTING

Economy 40 S/T/T & F/P/T Products 4" Sealed



- Sealed polycarbonate lens & housing
- Grommet kit features flush mounting in a 4-1/2" hole
- Flange kits feature a high impact plastic affixed to lamp
- Material: Polycarbonate lens & housing, ABS flange, PVC grommet, 16 gauge wire, Light Source: Designed at 12.8v, 2.1/.48 amp dual filament bulb rated at 32/2 cp, Kit Components: TL40028R grommet kit: (1) - TL40282R lamp, (1) - TL40700 grommet, (1) - TL94993 plug, TL40029R/Y flange kits: (1) - TL40229R/Y lamp & flange, (1) - TL94993 plug

Part No. TL40229
Red, lamp & gray flange

Part No. TL40282R
·Sealed polycarbonate lens & housing
·Grommet kit features flush mounting in a 4-1/2" hole
·Flange kits feature a high impact plastic affixed to lamp

Material:
Polycarbonate lens & housing, ABS flange, PVC grommet 16 gauge wire, Light Source: Designed at 12.8v, 2.1/.48 amp dual filament bulb rated at 32/2 cp

Part No. TL40028R grommet kit:
1 - 40282R lamp
1 - 40700 grommet
1 - 94993 plug
Part No. TL40029R/Y flange kits:
1 - 40229R/Y lamp & flange
1 - 94993 plug

Super 40 4"
Stop, Turn, Tail,
Park, Clearance Lamp

- Lens and housing are sealed.
- Unique shock mount design prolongs bulb life.
- Lamp mounts in 41/2" hole using vinyl grommet.
- Kits include lamp, TL40700 grommet and TL94993 plug
- 12V

Red Super 40 Kit: **Part No. TL40042R**	Red Sealed Lamp Only: **Part No. TL40242R**
Yellow Super 40 Kit: **Part No. TL40042Y**	Yellow Sealed Lamp Only: **Part No. TL40242Y**
Red Super 40 Kit with Reflector: **Part No. TL40048R**	Red Sealed Lamp Only With Reflector: **Part No. TL40248R**

Super 40
4" Stop/Turn/Tail
Lamp Kit With Flange

- Features high impact plastic flange permanently affixed to Super 40 lamp.
- Flange O.D. 5.50"
- 12V

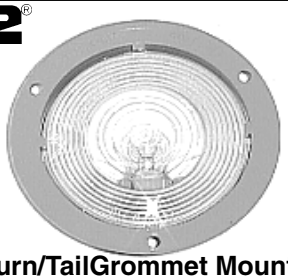
Red Super 40 lamp with gray flange only:
Part No. TL40258R

Model 40
4" Stop/Turn/Tail
Lamp Kit With Flange

- Features high impact plastic flange permanently affixed to Model 40 lamp.
- 5.50" flange O. D.
- 12V

Red Model 40 lamp Kit:
Part No. TL40022R
Kit includes lamp and TL94993 plug
Red 12V lamp and flange only:
Part No. TL40222R

TRUCK-LITE STOP/TURN/TAIL LIGHTING



Model 40 4" Stop/Turn/TailGrommet Mount Lamp Kits

- Heavy duty shock mount with dual filiment bulb
- Lens and housing are sealed
- Lamp mounts in 41/2" hole using vinyl grommet.
- Kits include lamp, TL40700 grommet and TL94993 plug

Red 12V Kit:
Part No. TL40002R
Yellow 12V Kit:
Part No. TL40002Y
Red 24V Kit:
Part No. TL40009R
Red 12V Lamp Only:
Part No. TL40202R

Yellow 12V Lamp Only:
Part No.TL40202Y
Red Sealed Lamp Only
With reflector:
Part No.TL40215R
Red 24V Lamp Only:
Part No.TL40209R

Super 45
Stop/Turn/Tail/Park/Clearance Lamp

- Unique shock mount design prolongs bulb life.
- Lens and housing are sealed
- Lamp mounts in 41/2" hole using vinyl grommet.
- Kits include lamp, TL45700 grommet and TL94993 plug
- 12V

Red Super 45
Stop/turn/tail Lamp Kit:
Part No. TL45002R
Kit includes lamp, TL45700 grommet and TL94993 plug
Red Sealed Lamp Only:
Part No. TL45202R
RedTurnSignal Bulb Only:
Part No. TL45201R
Yellow, Front Park And Turn Lamp Only:
Part No. TL45202Y

Model 40 Economy 4" StopTurn/Tail Grommet Mount Lamp

- Lens and housing are sealed
- Lamp mounts in 41/2" hole using vinyl grommet.
- Kits include lamp, TL40700 grommet and TL94993 plug

Red 12V Kit
Part No. TL40028R
Red 12V Lamp Only
Part No. TL40282R
Yellow 12V Lamp Only
Part No. TL40282Y

Model 40
4" Grommet Mount
Lamp with Clear Housing

- Lens and housing are sealed
- Lamp mounts in 41/2" hole using vinyl grommet.

Red 12V Lamp Only
Part No. TL40206R

LLV 45 Stop/Turn/Tail/Hazard/Backup/Reflector

- A direct replacement for lamps used on the U. S. Postal Service L.L.V.
- Unique shock mount prolongs bulb life. 12V

Yellow turn/hazard lamp only:
Part No. TL45221Y

Note: LLV lamps are designed to be mounted with 7" - 11" roll back from the vertical plane.

Model 41
Sealed Stop/Turn/Tail/Clearance Lamp

- Rectangular polycarbonate lens and housing are sealed
- Lamp mounts in 7.83" X 4.43" hole
- 12V

Red LH lamp kit:
Part No. TL41005R
Kit includes TL94948 plug
Red RH Lamp Kit:
Part No. TL41006R
Kit includes TL94949 plug
Red Universal LampKit:
Part No. TL41007R
Kit includes one TL41202R, one TL41203R and one TL94926 plug
Red LH Lamp only
Part No. TL41202R
Red RH Lamp Only
Part No. TL41203R

TRUCK-LITE STOP/TURN/TAIL LIGHTING

Model 80Bulb Replaceable Stop, Turn, Tail, Clearance Lamp

- Rubber housing with snap in lens
- Flush mount with recessed lens, uses one 1157 bulb
- Flange O.D. 5.50"
- Replacement lens part number TL99008R
- 12V

Part No. TL80339R

Model 80 Hook-Up Products 5" Bulb Replaceable

- Designed to illuminate area between truck & trailer
- Features chrome-plated die cast housing
- Mounts to flat body surface with three screws
- Not intended for use as a back-up lamp
- Material: Chrome-plated die cast housing, Acrylic lens 16 gauge wire, Light Source: Bulb: #1156, Designed at 12.8v, 2.1 amp, 32cp

Part No. TL80423C
7 Way Receptacle w/15 amp circuit breakers, split pins

Model 80 Bulb Replaceable Stop, Turn, Tail, License Lamp

- Plastic Body
- 2 bolt mount
- 4" snap on lens, uses one bulb
- 12V

Red Lamp: **Part No. TL80329R**
Replacement lens number: TL99090R

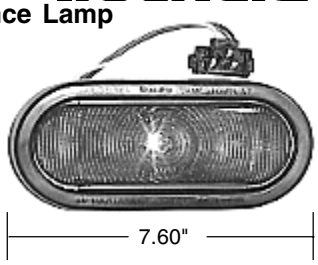
Model 80 Bulb Replaceable Stop/Turn/Tail/ Clearance Lamp

- Black steel or stainless steel housing
- Flush mount with recessed lens and TL97945 steel retaining ring,
- One 1157 bulb, 12V
- Flange O.D. 5.50"
- Replacement lens part numbers are TL99008R & TL99008Y

Red Lens, Black Housing: **Part No. TL80334R**
Red Lens, Stainless Housing: **Part No. TL80335R**

Model 60 Sealed Stop/Turn/Tail/Park Clearance Lamp

- Polycarbonate lens and housing are sealed
- 12V Shock mounted dual filament bulb
- Legal when mounted horizontal or vertical.



Red Lamp Kit: **Part No. TL60002R**
Kit includes lamp, TL60700 grommet, TL94993 plug
Lamp Only: **Part No. TL60202R**
Part No. TL60202Y

Model 60Bulb Replaceable Stop/Turn/Tail/Park Clearance Lamp

- Polycarbonate lens and housing
- May be either grommet or screw mounted
- Lamp is 6.45" wide, 2.31" high; mounting holes on 6.00" centers. 12V

Red Lamp Kit: **Part No. TL60302R**
Yellow Lamp Kit: **Part No. TL60302Y**
Kit includes lamp, TL60700 grommet and 2057 bulb
Replacement lens numbers: TL99011R or TL99011Y lens

Model 90 7" Bulb Replaceable Stop/Turn/Tail Clearance Lamp

- Chrome plated steel housing
- Flange mount; flange O.D. 8.25"
- 7" lens diameter, lens and housing 2.830" deep
- 12V

Red Lamp: **Part No. TL90315R**
Replacement lens number: TL99088R

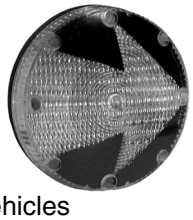
Model 91 7" Sealed Stop/Turn/Tail/Park Clearance Lamp

- Polycarbonate lens and housing are sealed.
- Shock mounted dual filament bulb
- Mounts in 5.375" hole
- 7" lens diameter, lens and housing 3.62" deep
- 12V

Red Lamp Kit: **Part No. TL91002R**
Red Lamp Only: **Part No. TL91202R**
Yellow Lamp Kit: **Part No. TL91002Y**
Yellow Lamp Only: **Part No. TL91202Y**

TRUCK-LITE STOP/TURN/TAIL LIGHTING

Bulb Replaceable Arrow T/S Products 7" Round



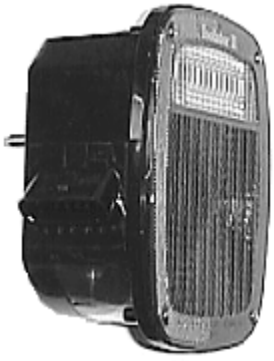
- Lamp functions as a turn signal & features a directional arrow
- Heavy-duty steel base painted with black epoxy for added protection
- Surface mounts with four #10 screws on a 6.25" bolt circle
- Requires a 1" diameter hole, 1" deep
- Popular lamp on buses & emergency vehicles
- Acrylic lens attaches to lamp with 4 screw
- Material: Acrylic lens, Steel base, Black foam gasket 14 gauge wire, Light Source: Bulb: #1156, S-8 bayonet Designed at 12.8v, 2.1 amp, 32 cp

Part No. TL90325Y
Turn Signal Lamp w/Arrow

Multi-Function With Metri Pack Connector - Mack

- Polycarbonate lens and housing with Metri Pack receptacle on left side
- One 1157 bulb for stop, tail, turn, license illumination, one 1156 bulb for backup
- 2 stud mounting on 2" centers
- 6.668" x 5.75" lens
- Replaces OEM number 14M052M
- Uses plug assembly TL95000 available separately
- 12V

RH Red Lamp:
Part No. TL80382R

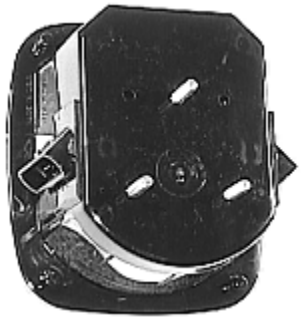


Lens: 6.880" High, 5.25" Wide
Housing: 2.75" Deep

Multi-Function With Metri Pack Connector - Navistar

- Polycarbonate lens and housing with Metri Pack receptacle on both sides
- One 1157 bulb for stop/tail/turn/license illumination, one 1156 bulb for backup
- 3 stud mounting on 2" centers
- 6.668" x 5.75" lens
- Replaces OEM number 1661281C91
- Uses plug assembly TL95000 available separately
- 12V

RH Red Lamp:
Part No. TL80383R

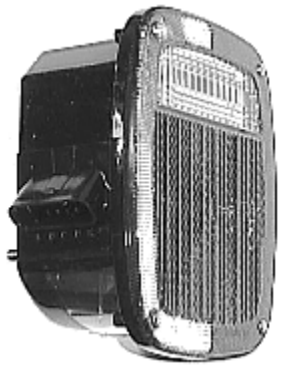


Lens: 6.880" High, 5.25" Wide
Housing: 2.75" Deep

Multi-FunctionWith Metri Pack Connector GM/IH/Navistar

- Polycarbonate lens and housing with Metri Pack receptacle on left side
- One 1157 bulb for stop/tail/turn/license illumination, one 1156 bulb for backup
- 3 stud mounting on 2" centers
- 6.668" x 5.75" lens
- Replaces OEM numbers 15613944, 15565732 and 1661282C91
- Uses plug assembly TL95000 available separately. 12V

RH Red Lamp:
Part No. TL80380R

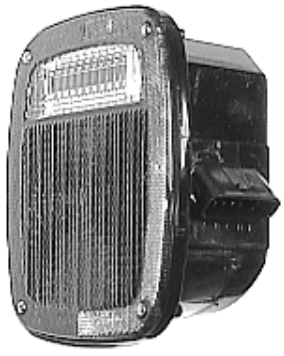


Lens: 6.880" High, 5.25" Wide
Housing: 2.75" Deep

Multi-Function With Metri Pack Connector - GM

- Polycarbonate lens and housing with Metri Pack receptacle on right side
- One 1157 bulb for stop/tail/turn/, one 1156 bulb for backup
- 3 stud mounting on 2" centers
- 6.668" x 5.75" lens
- Replaces OEM numbers 15613943, 15565731
- Uses plug assembly TL95000 available separately. 12V

LH Red Lamp:
Part No. TL80381R



Lens: 6.880" High, 5.25" Wide
Housing: 2.75" Deep

Model 80 Bulb Replaceable Multi-Function GM-IH

- Reflector lens with backup and license plate illumination
- One 1157 bulb for stop/tail/turn/license illumination, one 1156 bulb for backup
- 3 stud mounting and integral black housing
- Replacement lens TL99068R. 12V

RH Red Lamp:
Part No. TL80331R
LH Red Lamp:
Part No. TL80330R

Lens: 6.880" High, 5.25" Wide
Housing: 2.75" Deep

TRUCK-LITE STOP/TURN/TAIL LIGHTING

Model 80 Bulb Replaceable Multi-Function Ford

- Reflector lens with backup and license plate illumination
- One 1157 bulb for stop/tail/turn/license illumination, one 1156 bulb for backup
- 2 stud mounting
- replaces many Ford lamps
- Replacement lens TL99069R
- 12V

Red Lamp with Ford Harness:
Part No. TL80321R
Red with Universal Pigtail:
Part No. TL80333R

Universal Pigtail Shown

Stop/Turn/TailModule

- High impact plastic module box
- Mounts in 11" x 5.12" hole
- Contains 2 TL40202R lamps, 2 TL40700 grommets, module box and harness.. 12V

RH with 2 Stop/Turn/Tail: **Part No. TL40743**
LH with 2 Stop/Turn/Tail: **Part No. TL40742**

Metal Stop/Turn/Tail/Backup Module With Side Marker

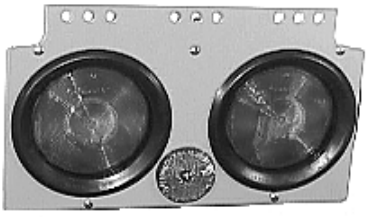
- Metal module box with side marker and backup lamps
- Designed for straight trucks
- Contains 1 TL21201R S/M lamp, 1 TL40242R SST lamp, 1 TL40241Y TS lamp, 1 TL40244 BU lamp, 3 TL40700 grommets, and harness
- Total width including side marker 21.5", height 3.625"
- 12V

RH Module: **Part No. TL40790**
LH Module: **Part No. TL40791**

Stop/Turn/TailModul With Flange

- High impact plastic module box With Metal Mounting Flange
- Mounts in 11" x 5.12" hole
- Contains 2 TL40202R lamps, 2 TL40700 grommets, flange, module box and harness
- 12V

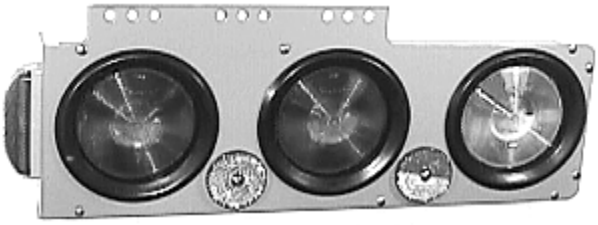
RH with 2 Stop/Turn/Tail: **Part No. TL40747**
LH with 2 Stop/Turn/Tail: **Part No. TL40746**
Metal Mounting Flange: **Part No. TL40721**
Module Box: **Part No. TL40722**



Stop/Turn/TailModule With Side Marker

- Metal module box with side marker and reflector
- Universal mount will retrofit a wide variety of vehicles
- Contains 2 TL40202R , 1 TL19200R marker lamp, 2 TL40700 grommets, flange, and harness
- Total width including side marker 13.5", height 7.75"
- 12V

RH Module: **Part No. TL40757**
LH Module: **Part No. TL40756**



Metal Stop/Turn/Tail Module With Side Marker

- Metal module box with side marker and turn signal lamps
- Contains 1 TL19200R S/M lamp, 2 TL40242R SST lamp, 1 TL40241Y TS lamp, 3 TL40700 grommet and harness
- Total width 20.19", height 7.75"
- 12V

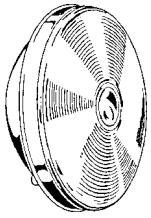
RH Module: **Part No. TL40763**
LH Module: **Part No. TL40762**

TRUCK-LITE STOP/TURN/TAIL LIGHTING

Power Unit Module
Heavy gauge metal module with preassembled junction box with wiring harness. Contains two TL40242R Super 40 stop/turn/tail lamps, one TL40204 Model 40 backup lamp, TL19206 Model 19 license plate lamp, junction box and wiring harness. 8.34" x 32.00"
Part No. TL40850

Super 40 4" Sealed Turn Signal or Tail With Single Filament Bulb

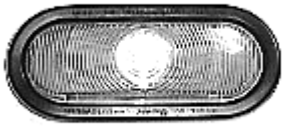
- Unique shock mount design prolongs bulb life.
- Lens and housing are sealed
- Lamp mounts in 41/2" hole using vinyl grommet.
- 12V



Red Lamp Kit:
Part No. TL40001R
Red Sealed Lamp Only:
Part No. TL40201R
Yellow Sealed Lamp Only:
Part No. TL40201Y

Model 60 Sealed Turn Signal Lamp

- Polycarbonate lens and housing are sealed
- 12V Shock mounted single filament bulb
- Legal when mounted horizontal or vertical. 2.25" x 6.375" including grommet



Red Lamp Kit:
Part No. TL60001R
Kit includes lamp, TL60700 grommet, TL94992 plug
Lamp Only: Part No. TL60201R or Y
Part No. TL60207R or Y (Diamond Shell)

Model 20 Side Turn Indicator Lamp

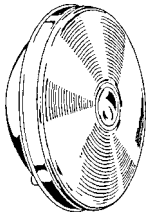
- Snap-in low profile lens that gives maximum 90 degree edge lighting.
- Replacement lens is TL99005Y

2.590" x 3.80"
Holes on 3.12" centers

Part No. TL20301Y
Yellow Lamp With Single Filament 1156 Bulb:
Part No. TL20304Y
Yellow Lamp With Dual Filament 1157 Bulb:
Part No. TL20310Y
Yellow , w/ground wire #573 Bulb:

Super 40 4" Sealed Turn Signal With Single Filament Bulb

- Unique shock mount design prolongs bulb life.
- Lens and housing are sealed
- Lamp mounts in 41/2" hole using vinyl grommet.
- 12V



Yellow Super Lamp Only:
Part No. TL40241Y

Model 81 Bulb replaceable Turn Signal

- Flush mount with recessed lens.
- Black steel housing with one 1156 single filament bulb
- Flange O. D. 5.5"
- Replacement lens TL99008R
- 12V

Part No. TL81300R

Model 60 Sealed Mid Trailer Side Turn Lamp

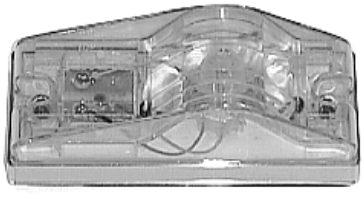
- Lens and housing are sealed
- Contains heavy duty shock mounted dual filament bulb
- Reflectorized lens

Red Lamp Kit (Rear): **Part No. TL60015R**
Yellow Lamp Kit: **Part No. TL60015Y**
Lamp kits include TL60700 grommet, TL94993 plug and lamp
Red Lamp Only: **Part No. TL60215R**
Yellow Lamp Only: **Part No. TL60215Y**

Model22 Sealed Surface Mount Side Turn Indicator Lamp

- Sealed polycarbonate lens and housing
- Heavy duty shock mounted bulb

Yellow DC Auxilliary Lamp Kit :
Part No. TL22002Y
Red DC Auxilliary Lamp Kit w/Gasket:
Part No. TL22004R
Yellow DC Auxilliary Lamp Kit w/Gasket
Part No. TL22004Y
Yellow DC Lamp and Gasket Only
Part No. TL22006Y
Yellow Lamp Only
Part No. TL22202Y



2.410" X 5.940"
Mounting holes on 4.81" centers

TRUCK-LITE STOP/TURN/TAIL LIGHTING

Model 70 Double Faced Turn Signal Lamp - Ford

- Black plastic housing
- Two bolt mount, red and yellow lens
- One 1156 bulb for turn signal, one 168 for side marker and part functions

LH: Part No. TL70356
RH: Part No. TL70357

Replacement Lens:
TL99068R
(Yellow is not replaceable)

Double Faced Turn SignalLamp - International

- Isolator mount, universal LH or RH
- One 2357 bulb, red and yellow lens
- Direct replacement for International 444659/60-C91

Part No. TL81310
Replacement Lens:
TL99128R, TL99128Y

Double Faced Turn Signal Lamp - Universal

- Two stud for vertial mounting
- Right or left hand
- One 2357 bulb, red and yellow lens

Part No. TL81311
Replacement Lens:
TL99128R, TL99128Y

Model 70 Pedestal Turn Signal Lamp

- Polycarbonate lens and housing
- Right or left hand
- One 1156 bulb, red and yellow lens
- 4.36" Diameter
- 4.73" high

Part No. TL70300
Replacement Lens:
TL99090R, TL99090Y

TRAILER MID-TURN LAMP ASSEMBLY

Stainless Steel Mid-Trailer Warning Panel

- 300 series noncorrosive stainless steel panel.
- Includes lamp with easy cleaning smooth arrow lens.
- Panel measures 20" x 8" x 1".
- Can be mounted left or right hand. 1156 bulb.

Part No. 1010132

Bulb Replaceable Back-Up Lamp

- Snap-in low profile lens
- #573 12V single filament bulb
- Flush mount

Part No. TL20308
2.59" x 3.80"
Note: Two lamps must be used to meet Federa Lighting Regulations

BACK-UP LAMPS

OE Style Back-Up Lamp

- Requires 1.25" hole for installation
- Socket design permits easy installation. 12V.
- Mounting pad included

Part No. GR62011
Replacement Lens:
Part No. GR90221
Replacement Snap Ring:
Part No. GR99593

3.875" Diameter
Single filament 1156 bulb

Stainless Steel Recessed Back-Up Lamp

- Frosted lens held by stainless steel snap ring for easy bulb replacement
- 5.5" diameter flange

Part No. GR62151

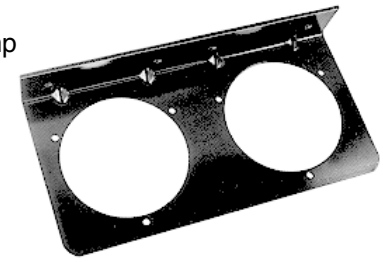
Replacement Snap Ring:
Part No. GR99593

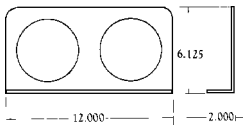
TRUCK-LITE LIGHT MOUNTING ACCESSORIES

Adaptor Ring For 4" Lamps
High impact plastic. Converts 4.75" hole to a 4.50" hole for mounting 4" sealed lamps
Part No. TL50831

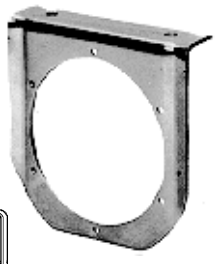
Grommet Mount Kit for 4" Lamps
Vinyl grommet for mounting 4" diameter sealed lamps in a 4.5" hole.
Grommet Mount Kit
Part No. TL40403
Grommet Only
Part No. TL40700

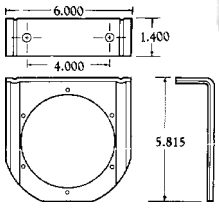
Two Lamp Mounting Bracket
Black painted steel.
Accommodates 2 4' lamp assemblies
Part No. TL40715





Model 40 Mounting Bracket
Black painted reinforced steel with 4.5" hole for mounting 4" lamps.
Part No. TL40720

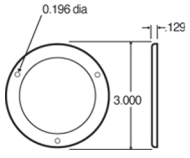




Mounting Covers For 2'' Lamps

- Grommet cover designed to enhance appearance of lamps
- Flange cover offers improved theft resistance of flanged models
- Two screws required
- Material: Polished stainless steel cover

Part No. TL30708 Cover Flange



Model 60 Mounting Brackets
Black painted reinforced steel. or aluminum for mounting the TL60700 grommet.
Mounting "L" Bracket
Part No. TL60720
Mounting Bracket w/o "L" Flange
Part No. TL60722
Mounting "L" Bracket, Aluminum
Part No. TL60723

Mounting Bracket, Stainless Steel Tanker Mounting "L" Bracket
Part No. TL60730

Model 60 Grommet Mount Kit
Mounting kit consisting of grommet and plug
Part No. TL60403
Grommet Only
Part No. TL60700

Model 60 Mounting Bracket
Gray painted steel for mounting TL60700 grommet.
"Z" configuration designed for use with TL60015Y side turn light.
Part No. TL60728

Model 60 Mounting Bracket
Gray painted steel for mounting the TL60700 grommet. Contains a set of clamps for ease of installation of TL60015Y side turn light. For most trailers, drilling and welding not required for installation.
Part No. TL60729

BACK-UP LAMPS

Model 40 4" Sealed Back-Up Lamp

- Polycarbonate lens and housing
- Shock mounted single filament bulb

Clear Lamp Kit:
Part No. TL40004
Kit includes TL40204 lamp, TL40700 grommet, TL94992 plug

Clear 12V Lamp Only:
Part No. TL40204

Clear 24V Lamp Only:
Part No. TL40212

Model 40 4" Sealed Back-Up Lamp With Flange

- Polycarbonate lens and housing
- Shock mounted 12V single filament bulb
- For grommet mount installation

Clear Lamp Kit:
Part No. TL40024
Kit includes TL40224 lamp, TL92994 plug

Truck-Lite®

Super 40 4" Sealed Back-Up Lamp

- Polycarbonate lens and housing
- Shock mounted 12V single filament bulb
- For grommet mount installation

Part No. TL40244

Truck-Lite®

Truck-Lite®

2.25" x 6.375" including grommet

Model 60 Sealed Back-Up Lamp

- Polycarbonate lens and housing
- Heavy duty shock mounted 12V single filament bulb
- can be mounted horizontally or vertically

Clear Lamp Kit: **Part No. TL60004**
Kit includes TL60204 lamp, TL60700 grommet, TL94992 plug
Clear Lamp Only: **Part No. TL60204**

LICENSE AND COURTESY LAMPS

VIBAR® License light

- Lexan® housing and lens
- All internal parts stainless steel or tinned brass.
- VIBAR sicket protects 168 bulb from shock
- Mounts on 3.5" centers

Part No. PM436

PM®

2" Diameter Twist-In Factory Sealed License Lamp

- Integral lamp hood and mounting receptacle
- All lexan
- Mounts on 2.625" centers

Part No. GR60191

Truck-Lite®

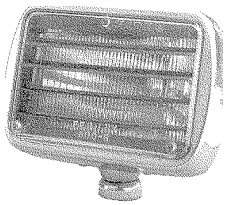
Duramold License Lamp

- Compact license lamp that protrudes less than 2"
- Nonbreakable lens, 4 cp bulb
- Mounts on 1.75" centers
- 1.625" H X 2.625" W Gray

Part No. GR60001

Triple-Chrome
Part No. GR60011

Gray with UPS .180 bullet plug-in pigtail
Part No. GR60121



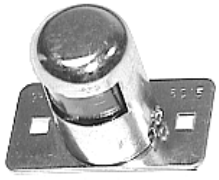
Grote

Economy Courtesy Lamp

- Illuminates instrument panel and compartments
- Clear plastic lens
- Zinc plated
- 1.5" x 2.75"

Part No. GR60151

Grote



License Lamp

- Single bulb sonic sealed for long life
- 15,000 hour bulb
- 3.50" H X 3.375"W License Lamp and Bracket Kit:

Part No. GR60280

License Lamp Only:
Part No. GR60261

Grote

LICENSE AND COURTESY LAMPS

Field Resealable Turtle-Back II License Lamp

- Weathertight lens gasket seal
- Impact resistant bulb contacts
- Waterproof pin connections
- Used on Utility Trailers
- Mounting holes on 4.813" centers

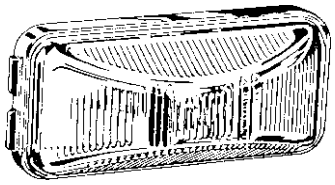
Part No. GR60331

Grote

Model 15 Rectangular Sealed Lamp

- Polycarbonate lens and housing are sealed
- 15,000 hour bulb
- 1.20" X 2.49"

Part No. TL15200C



Truck-Lite

Model 17 Sealed License Plate Lamp

- Polycarbonate lens and housing are sealed
- Mounting holes on 2.70" centers
- 3.125" wide, 1.920" high

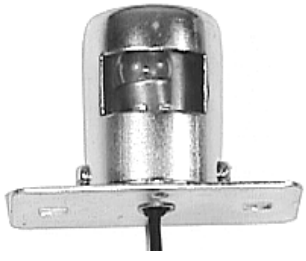
Lamp Kit With 90 Degree Angle Hot Wire:
Part No. TL17001
Lamp Kit With Straight Hot Wire:
Part No. TL17002
Clear Sealed Lamp Only:
Part No. TL17200

Truck-Lite

Model 26 Bulb replaceable License Plate Lamp

- Cadmium plated steel housing
- Mounts on 2" centers
- Contains one 67 bulb

Clear Lamp Kit:
Part No. TL26330
Clear Sealed Unit Only:
Part No. TL21204C



Truck-Lite

Model 26 Bulb replaceable License Plate Lamp

- High impact gray plastic housing
- Mounts on 1.75" centers
- Contains one 67 bulb

Clear Lamp:
Part No. TL26335

Truck-Lite

Compact Courtesy Lamp

- 1.5" Diameter
- Fits 1.25" hole in panels from .060" to .250" thick
- Rubber sealed spring and pigtail assembly
- Translucent white plastic lens with chrome shade

Part No. GR60101

Grote

Model 15 License lamp Mounting Bracket Kit

- Includes one TL15729 bracket and one TL15208 lamp
- Mounting holes on 2" centers
- 3.38" wide
- Projects 2.26" from mounting surface

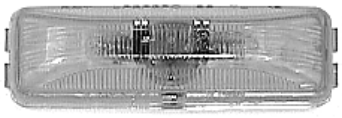
Truck-Lite

Part No. TL15011
Part No. TL15040 Gray, kit w/ 12v LED 15040

Model 19 Double Bulb Sealed Lamp

- Polycarbonate lens and housing are sealed

Clear Utility Lamp:
Part No. TL19200C
Clear License Plate Lamp:
Part No. TL19206



Truck-Lite

Super 21 Sealed License Plate Lamp

- Polycarbonate lens and housing are sealed
- Bulb life is lengthened through use of bulb shock mount

Clear Lamp Kit:
Part No. TL21004C
Clear Sealed Unit Only:
Part No. TL21204C

Truck-Lite

Model 42 License Plate Bracket

- Black painted steel
- Universal mount
- Legal with TL15208 or TL15209 license lamps

Clear Lamp:
Part No. TL42722

Truck-Lite

LICENSE AND COURTESY LAMPS

Model 26 Bulb Replaceable License Plate/Courtesy Lamp

- Chrome plated brass housing
- Snap fits into 1.25" hole
- Contains one 67 bulb

Clear Lamp:
Part No. TL26331

Truck-Lite

Model 26 Bulb Replaceable License Plate/Utility Lamp

- Chrome plated steel lens shade
- Similar to lamps used on GM vehicles
- Contains one 67 bulb
- Two lamps required for license plate illumination
- 2.00" H, 3.00" W, mounting holes on 2.625" centers

Clear Lamp:
Part No. TL26336

DOME LIGHTS

Square Dome Lamp With Switch

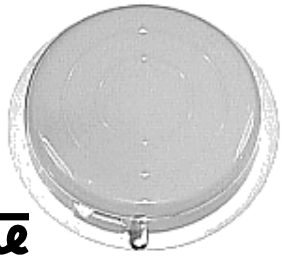
- 3 Position switch enables variable intensity - 6 c.p. , 21 c.p. and off.
- Clear Lexan lens
- Surface mount; 5.875" square, large enough to cover most existing holes

Part No. GR61221

Grote

Round Dome Lamp With Switch

- Surface mount
- Corrosion- shatter -heat proof
- Low profile to protect against knock-off
- 5.875" diameter
- Snap-off lens for easy bulb replacement



Part No. GR61161

Grote

Model 80 7" Dome Lamp

- Chrome plated steel housing
- Push type on/off switch
- One 1156 bulb
- 8.250" Diameter Replacement lens TL99088C clear,

Part No. TL80354

Truck-Lite

Model 80 5" Dome Lamp

- Chrome plated steel housing
- One 1156 bulb
- 6.380" Diameter Replacement lens TL99080C clear, TL99082C clear with hole

Truck-Lite

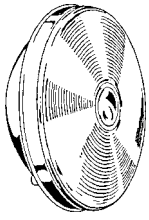
Light w/Switch **Part No. TL80350**

Light w/o Switch **Part No. TL80351**

Model 40 4" Sealed Dome Lamp

- Polycarbonate lens and housing are sealed.
- Heavy duty shock-mounted bulb
- Clear, sealed lamp only

Part No. TL40203



Truck-Lite

Model 10, 2.5" Sealed Dome Lamp

- Polycarbonate lens and housing are sealed.
- Clear, sealed lamp only

Part No. TL10202C

Truck-Lite

Model 30, 2" Sealed Utility Lamp

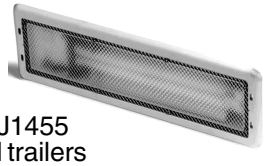
- Polycarbonate lens and housing are sealed.
- Clear, sealed lamp only

Part No. TL30200C

Truck-Lite

Recessed Fluorescent Dome Lamp

Part No. GR61511



- Operates in temperatures from -25 - +125 degrees
- Exceeds requirements for SAE J1455
- Excellent for use on refrigerated trailers
- Comes with in-line 3A fuse

Material: DURAMOLD®, Finish: White,
Voltage/Amp: 12.8 V - 1.87 AMPS - 24 Watts
Accessory: Bulb: 92911, Lens: 92901

Grote

UTILITY AND WORK LAMPS

Par 36 Rubber Tractor and Utility Lamp

- 12V
- Shock absorbing weatherproof body
- Utility, fifth wheel, backup, tractor or off-road applications
- Accepts 4589 (24V). 4411 (12V), 4511 (6V), H7606 halogen.
- Swivel mount, complete with all mounting hardware
- Housing part no. GR64930

Part No. GR64931

Housing 5.00" O.D., 2.75" Deep
Extends 5.875" From Surface.

Duramold Halogen Work Lamp

- 12V
- Unbreakable Duramold swivel cup assures positive locked adjustment
- Molded in tabs for fast bulb change
- Accepts H7606 halogen bulb.

Part No. GR64411

7" Par 56 Lamp

- 7" headlamp
- Includes 6015 sealed beam for 12V systems.
- Ideal for many trucks, road maintenance vehicles, off-road equipment, in-plant vehicles, dune buggies, etc.
- Black enamel

Part No. GR64071

Betts Par 36 Flood Lamp

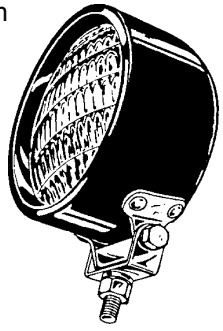
- 12V
- Full horizontal and vertical rotation. Smooth operating teflon bearings.
- Uses clear 4466 flood.
- Brass friction shoes assure positive grounding system.
- Aluminum body with 20A toggle switch. Includes 18" abrasion resistant pigtail
- 9.375" high, mounting holes on 4" centers

Part No. 315003

Par 36 Rubber Housed Multi-Purpose Lamp

- Accepts clear 4411-1 sealed beam
- 5/16-18 stud mount
- 4.75" housing diameter

Accepts clear 4411-1 12V 3000 c.p. Sealed beam:
Part No. TL80360
Accepts clear 4509 12V 110,000 c.p. sealed beam:
Part No. TL80374
Accepts clear 4411-1 12V 3000 c.p. sealed beam with switch:
Part No. TL80378



Rectangular Rubber Housed Multi-Purpose Lamp

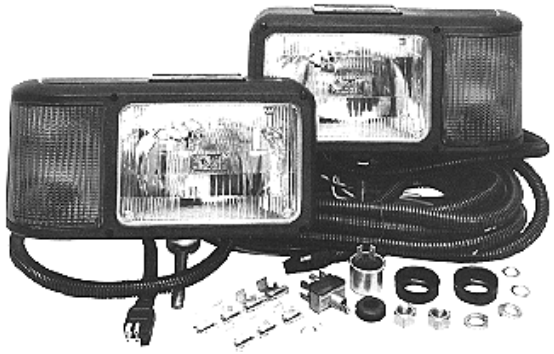
- Accepts 6" x 31/2" rectangular halogen sealed beam.
- Universal mount.

Clear H9420 12V beam:
Part No. TL80388

Clear H9414 medium flood beam:
Part No. TL80395

Clear with H9406 wide flood beam:
Part No. TL80396

UTILITY AND WORK LAMPS



Snow Plow and All Terrain Light Kit

- 12V
- High/low beam halogen headlamps
- Integrated park/turn lamp
- Rugged cold temperature modified polycarbonate housings.
- Headlamps: H6545, turn signal bulb: 1157
- Housing O. D. 5.10" x 10.90" x 5.70" deep, studs 1/2"-13.

Part No. TL80800 Universal Kit
Part No. TL80888 Economy Kit

LED TECHNOLOGY

Features and benefits of LED Technology

- Designed to meet SAE standards.
- Lens and housing assemblies are polycarbonate.
- Marker lamps use self-sealing snap-lock plug assembly with integrated O-ring.
- Faster start up results in quicker reaction time for Stop/Turn/Tail lamps.
- LEDs are rated at 100,000 hours of operation.

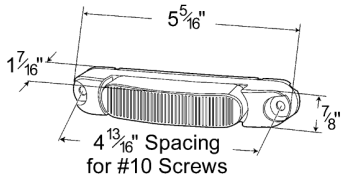
LED - A Light Emitting Diode creates light when electrons pass from one plate to another and a photon is created. Light is created with almost no heat or invisible light as byproducts.

The number of Diodes per light are changing all the time!

The following pages show our enhanced and expanded section of LED Lighting Products.

GROTE LED LIGHTING

Super Nova® Thin-Line Clearance/Marker LED Lamp



PART NO. GR45102 Red Lens, Red Body Kit (GR46922 + GR66930)

PART NO. GR45113 Yellow Lens, Yellow Body Kit (GR46933 + GR66930)

PART NO. GR46933 Yellow Lens, Yellow Body

PART NO. GR46902 Red Lens, White Body

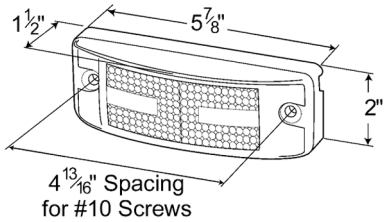
PART NO. GR46903 Yellow lens, white body

- Sealed marker lamp
- Thin-Line design fits narrow rails and channels
- Uses Grote's Double Seal, UBS pigtail for maximum protection against corrosion
- Advanced Pin Connection System
- Turtleback® design for maximum durability
- Use of ultr-bright, high intensity SuperNova® diodes means less diodes to meet requirements.

TECHNICAL SPECIFICATIONS
Material: Polycarbonate
FMVSS SAE Code: P2
Finish: White, Red, Yellow
Voltage/Amp: 12.8 V - .06 AMP
Voltage/Amp: 24 V - .06 AMP
Bracket: GR43074
Pigtail: GR66931 GR66930 GR66932 GR66940

Grote

SuperNova®, Sealed Turtleback® II, Clearance/Marker LED Lamp



PART NO. GR47072 Red

PART NO. GR47073 Yellow

FEATURES & BENEFITS

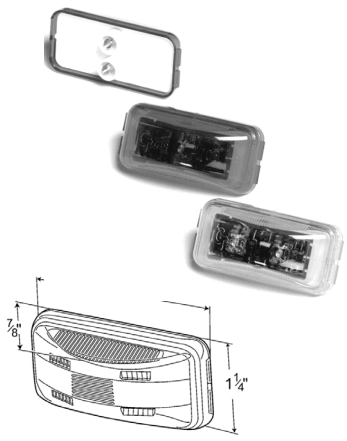
- Bullet-proof potted for total circuit board protection
- Hermetic lens-to-housing seal
- Advanced Pin Connection System
- Tin-plated, brass terminals eliminate failure causing leak paths
- Uses same Double Seal, UBS pigtail as incandescent for a quick Plug-and-Go retrofit
- Turtleback® design for maximum lens durability

Material: Polycarbonate/Acrylic
FMVSS SAE Code: Reflex - A, P2 ~ Optic - P2, PC
Finish: White
Voltage/Amp: 12.8 V - .06 AMP
Voltage/Amp: 12.8 V - 0.12 AMP (PC)
Voltage/Amp: 24 V - .06 AMP
Bracket: 43030 43050
Pigtail: 66911 66910 67070 67071

Grote

GROTE LED LIGHTING

SuperNova®, U.S. 15 Series, Clearance/Marker LED Lamp



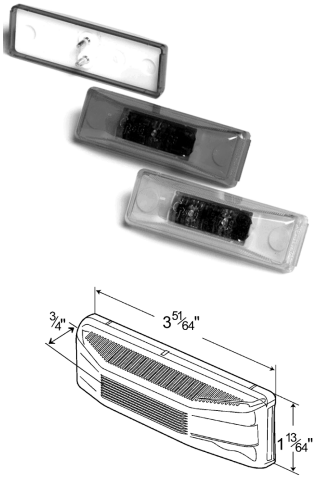
Red Part No. GR47082

Yellow Part No. GR47083

- Potted for total circuit board protection
- Hermetic lens-to-housing seal
- Advanced Pin Connection System
- Uses same UBS Double Seal pigtail as incandescent
- Also available in Tailgate and Running Board LED Lamp Kits

Material: Polycarbonate
FMVSS SAE Code: P2
Finish: White
Voltage/Amp: 12.8 V - .06 AMP
Bracket: GR43380 GR43370 GR43970 GR43980
Grommet: GR92520
Pigtail: GR66851 GR66850 GR67001

SuperNova®, U.S.19 Series, Clearance/Marker LED Lamp



Red Part No. GR47092

Yellow Part No. GR47093

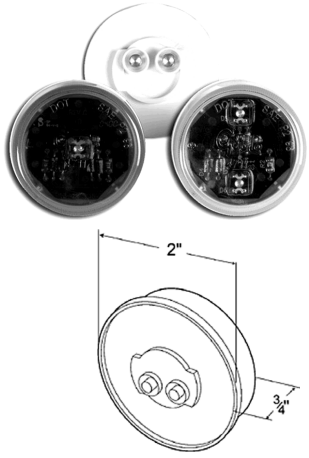
- Bullet-proof potted for total circuit board protection
- Hermetic lens-to-housing seal
- Advanced Pin Connection System
- Uses same UBS pigtail as incandescent for a quick Plug-and-Go retrofit

Material: Polycarbonate
FMVSS SAE Code: P2
Finish: White
Voltage/Amp: 12.8 V - .06 AMP
Bracket: GR43780 GR43980 GR43390 GR43790 GR43850 GR43782 43783
Pigtail: GR66982 GR66980 GR66981

SuperNova® 2", U.S. 30 Series, Clearance/Marker LED Lamp

Red Part No. GR47112

Yellow Part No. GR47113



- Bullet-proof potted for total circuit board protection
- Hermetic lens-to-housing seal
- Uses same Double Seal, UBS pigtail as incandescent for quick Plug-and-Go retrofit
- Fits gray (43150), black (43152), and Chrome (43153) theft-resistant flanges
- Advanced Pin Connection System
- 2" diameter lamp
- Tin-plated brass terminals eliminate failure causing leak paths and reduce corrosion

Material: Polycarbonate
FMVSS SAE Code: P2
Finish: White
Voltage/Amp: 12.8 V - .06 AMP
Voltage/Amp: 24 V - .06 AMP
Bracket: GR43690 GR49140 GR43150 GR43152 GR42153 GR43080 GR43532 GR43040 GR43760
Grommet: GR92120 GR92150
Pigtail: GR66851 GR66850 GR67001

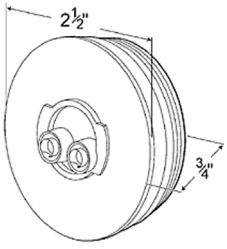
GROTE LED LIGHTING

SuperNova® 2 1/2", U.S. 10 Series, Clearance/Marker LED Lamp

Red Part No. GR47122

Yellow Part No. GR47123

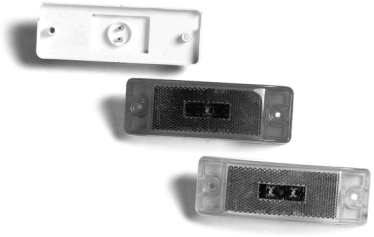
- Bullet-proof potted for total circuit board protection
- Hermetic lens-to-housing seal
- Uses same Double Seal, UBS pigtail as incandescent for a quick Plug-and-Go Retrofit
- Advanced Pin Connection System
- Fits gray (GR43160), black (GR43162), and Chrome (GR43163) theft-resistant flanges
- 2 1/2" diameter lamp
- Tin-plated, brass terminals eliminate failure causing leak paths and reduce corrosion



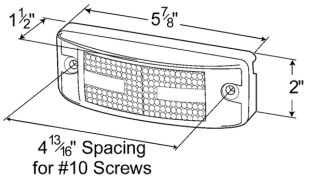
Material: Polycarbonate
FMVSS SAE Code: P2
Finish: White
Voltage/Amp: 12.8 V - .06 AMP
Voltage/Amp: 24 V - .06 AMP
Bracket: GR43690 GR43160 GR43162 GR43163 GR43080 GR43512 GR43522 GR49140 GR43760
Grommet: GR91400 GR91410 GR92070 GR91890 GR91880
Pigtail: GR66851 GR66850 GR67001

SuperNova®, Sealed Turtleback® II, Clearance/Marker LED Lamp

Yellow Part No. GR47163



- Bullet-proof potted for total circuit board protection
- Hermetic lens-to-housing seal
- Advanced Pin Connection System
- Tin-plated, brass terminals eliminate failure causing leak paths
- Uses same Double Seal, UBS pigtail as incandescent for a quick Plug-and-Go retrofit
- Turtleback® design for maximum lens durability

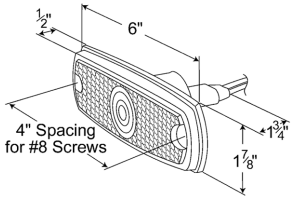


Material: Polycarbonate/Acrylic
FMVSS SAE Code: Reflex - A, P2 ~ Optic - P2, PC
Finish: White
Voltage/Amp: 12.8 V - .06 AMP
Voltage/Amp: 12.8 V - 0.12 AMP (PC)
Voltage/Amp: 24 V - .06 AMP
Bracket: GR43030 GR43050
Pigtail: GR66911 GR66910 GR67070 GR67071

SuperNova®, Low-Profile, Clearance/Marker LED Lamp

Yellow Part No. GR47253

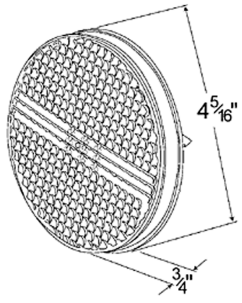
- Bullet-proof potted for total circuit board protection
- Same look and mounting as incandescent
- Sealed hard-wire terminations with .180 molded UBS bullets
- Field replaceable lens
- Requires 1.25" hole for mounting
- Popular marker lamp on Peterbilt trucks, and on cab and sleeper trim



Material: Polycarbonate/Acrylic
FMVSS SAE Code: P2
Finish: White
Voltage/Amp: 12.8 V - .06 AMP
Lens: GR90072 GR90073

GROTE LED LIGHTING

SuperNova® 4", U.S. 40 Series, Full Pattern S-T-T LED Lamp

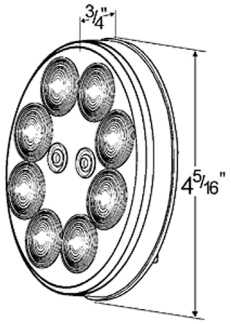


Red Part No. GR53192, w/Stainless Steel, Theft-Resistant Flange-Mount

- Bullet-Proof potted for total circuit board protection
- Hermetic lens-to-housing seal
- Advanced Pin Connection System uses tin-plated, solid brass pin terminations
- Uses same UBS pigtail as Male Pin incandescent
- Also available in Strobe Lamp Version
- New uniform and concentric diode pattern
- Product available in factory assembled white and black polycarbonate and stainless steel theft-resistant mounting flanges

Material: Acrylic/Polycarbonate
FMVSS SAE Code: I, P2, S, T,
Finish: Gray
Voltage/Amp: Red: 12.8 V - .48 (I,S) / .04 (T,P2) AMP
Voltage/Amp: Yellow: 14 V - .64 (I) / .14 (P,P2) AMP
Voltage/Amp: Red: 24 V - .48 AMP (I,S) / .04 (T,P2) AMP
Voltage/Amp: Yellow: 24 V - 1.02 (P2) AMP
Bracket: GR43253 GR92510 GR92512 GR92513 GR43572 GR43642 GR43655 GR43732 GR93190
Grommet: GR91740 GR91950
Pigtail: GR66815 GR66841 GR67002 GR66842 GR67013 GR66816 GR66845 GR67005 GR66823 GR66830 GR67061 GR66846 GR66836 GR67006

SuperNova® 4", U.S. 40 Series, 10-Diode Pattern LED S-T-T Lamp



Red Part No. GR53252 Grommet-Mount

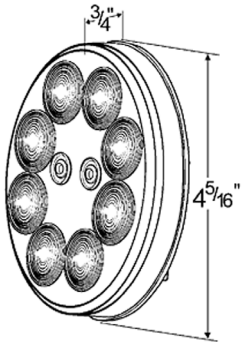
Yellow Part No. GR53253 Grommet-Mount

- Concentric pattern using only 10 diodes
- Lens design spreads light with maximum dispersion
- Bullet-Proof potted for total circuit board protection
- Hermetic lens-to-housing seal
- Advanced Pin Connection System uses tin-plated, solid brass pin terminals
- Uses same UBS pigtail as Male Pin incandescent
- Affordable LED technology
- Product available in factory assembled white and black polycarbonate, and stainless steel theft-resistant mounting flanges
- Use male to female adapter plug (66830) for an easy retrofit every time
- Lens design spreads light with maximum dispersion

Material: Acrylic/ABS/Polycarbonate
FMVSS SAE Code: I, P2, S, T
Finish: Gray
Voltage/Amp: Red: 12.8 V - .24 (I,S) / .03 (T) AMP
Voltage/Amp: Yellow: 12.8 V - .15 (P2) AMP
Voltage/Amp: Red: 24 V - .24 AMP (I,S) / .03 (T) AMP
Voltage/Amp: Yellow: 24 V - .24 (P2) AMP
Bracket: GR43253 GR92510 GR92512 GR92513 GR43572 GR43642 GR43655 GR43732 GR93190
Grommet: GR91740 GR91950
Pigtail: GR66815 GR66841 GR67002 GR66842 GR67013 GR66816 GR66845 GR67005 GR66823 GR66830 GR67061 GR66846 GR66836 GR67006

GROTE LED LIGHTING

SuperNova® 4", U.S. 40 Series, 10-Diode Pattern LED S-T-T Lamp



Red Part No. GR53282, w/White, Theft Resistant Flange-Mount

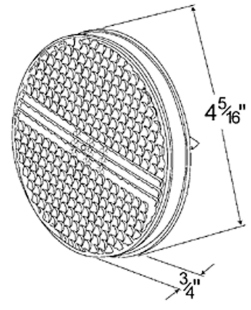
Red Part No. GR53292, w/Black, Theft-Resistant Flange-Mount

Red Part No. GR53302, w/Stainless Steel, Theft-Resistant Flange-Mount

- Concentric pattern using only 10 diodes
- Lens design spreads light with maximum dispersion
- Bullet-Proof potted for total circuit board protection
- Hermetic lens-to-housing seal
- Advanced Pin Connection System uses tin-plated, solid brass pin terminals
- Uses same UBS pigtail as Male Pin incandescent
- Affordable LED technology
- Product available in factory assembled white and black polycarbonate, and stainless steel theft-resistant mounting flanges
- Use male to female adapter plug (66830) for an easy retrofit every time
- Lens design spreads light with maximum dispersion

Material: Acrylic/ABS/Polycarbonate
FMVSS SAE Code: I, P2, S, T
Finish: Gray
Voltage/Amp: Red: 12.8 V - .24 (I,S) / .03 (T) AMP
Voltage/Amp: Yellow: 12.8 V - .15 (P2) AMP
Voltage/Amp: Red: 24 V - .24 AMP (I,S) / .03 (T) AMP
Voltage/Amp: Yellow: 24 V - .24 (P2) AMP
Bracket: GR43253 GR92510 GR92512 GR92513 GR43572 GR43642 GR43655 GR43732 GR93190
Grommet: GR91740 GR91950
Pigtail: GR66815 GR66841 GR67002 GR66842 GR67013 GR66816 GR66845 67005 GR66823 GR66830 GR67061 GR66846 GR66836 GR67006

SuperNova®4", U.S. 40 Series, Full Pattern S-T-T LED Lamp



Red Part No. GR53312, Grommet-Mount

- Bullet-Proof potted for total circuit board protection
- Hermetic lens-to-housing seal
- Advanced Pin Connection System uses tin-plated, solid brass pin terminations
- Uses same UBS pigtail as Male Pin incandescent
- Also available in Strobe Lamp Version
- New uniform and concentric diode pattern
- Product available in factory assembled white and black polycarbonate and stainless steel theft-resistant mounting flanges

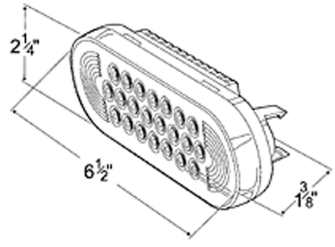
Material: Acrylic/Polycarbonate
FMVSS SAE Code: I, P2, S, T,
Finish: Gray
Voltage/Amp: Red: 12.8 V - .48 (I,S) / .04 (T,P2) AMP
Voltage/Amp: Yellow: 14 V - .64 (I) / .14 (P,P2) AMP
Voltage/Amp: Red: 24 V - .48 AMP (I,S) / .04 (T,P2) AMP
Voltage/Amp: Yellow: 24 V - 1.02 (P2) AMP
Bracket: 43253 92510 92512 92513 43572 43642 43655 43732 93190
Grommet: 91740 91950
Pigtail: 66815 66841 67002 66842 67013 66816 66845 67005 66823 66830 67061 66846 66836 67006

GROTE LED LIGHTING

SuperNova® Oval, U.S. 60 Series, LED Lamp

Red Part No. GR53962, Grommet-Mount

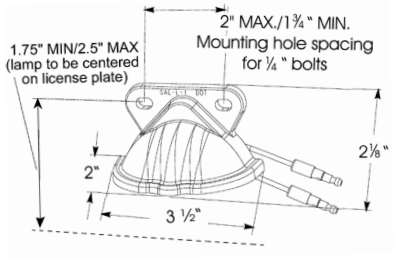
Yellow Part No. GR53963 , Grommet-Mount



- Advanced Pin Connection System uses tin-plated, solid-brass terminals
- Bullet-Proof potted LED circuit board
- Male pin termination for preminum sealability
- Connects to ULTRA-BLUE-SEAL® harness
- Meets specifications for vertical & horizontal mounting
- Also available in Submersible Boat Trailer LED Lamp Kit
- Grommet-Mount is available in Strobe Lamp Version
- Product available in factory assembled white, black, and chrome polycarbonate and stainless steel theft-resistant mounting flanges

Material: Acrylic/ABS
FMVSS SAE Code: Red: I, P2, S, T ~ Yellow: P2
Finish: White
Voltage/Amp: Red 12.8 V - .48 (S,I) / .06 (T) AMP
Voltage/Amp: Yellow 12.8 V - .48 AMP
Voltage/Amp: Red 24 V - .48 (S,I) / .06 (T) AMP
Voltage/Amp: Yellow 24 V - .48 AMP
Bracket: GR43362 GR43952 GR43220 GR43223 GR43222 GR43100 GR43723
Grommet: GR92420 GR92720
Pigtail: GR66815 GR66841 GR67002 GR66842 GR67013 GR66830 GR66835 GR67006 GR66813 GR66814 GR66823 GR66816 GR66845 67005

White Light LED License Lamp



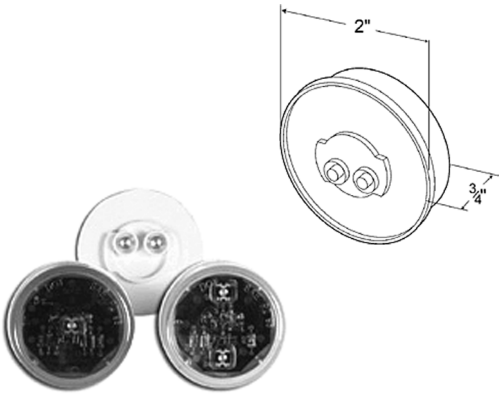
Part No. GR60381 LED License Lamp

- Low profile, rounded shape helps prevent damage resulting from loading dock collisions and accidental use as a step
- Because it is vibration resistant, it is an ideal lamp for dump trucks, refuse haulers, and concrete mixers
- Slotted mounting holes fit most lamp mounting screw patterns
- Sturdy mounting bosses withstand excessive torque without cracking
- Lamp is not polarity sensitive
- Bullet-Proof potting provides total circuit borad protection

Material: Polycarbonate
FMVSS SAE Code: L
Finish: White, Gray housingWhite, Black housing
Voltage/Amp: 12.8 V - .04 AMP

GROTE LED LIGHTING

SuperNova® 2", U.S. 30 Series, Clearance/ Marker LED Lamp



Yellow Part No. GR78433

- Bullet-proof potted for total circuit board protection
- Hermetic lens-to-housing seal
- Uses same Double Seal, UBS pigtail as incandescent for quick Plug-and-Go retrofit
- Fits gray (43150), black (43152), and Chrome (43153) theft-resistant flanges
- Advanced Pin Connection System
- 2" diameter lamp
- Tin-plated brass terminals eliminate failure causing leakpaths and reduce corrosion

Material: Polycarbonate
FMVSS SAE Code: P2
Finish: White
Voltage/Amp: 12.8 V - .06 AMP
Voltage/Amp: 24 V - .06 AMP

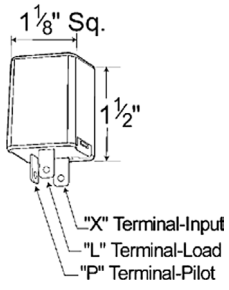
Thin-Line LED Pigtails

Part No. GR66930
5" Long. Factory molded plugs for use with ULTRA-BLUE SEAL trailer wiring system.
For chassis ground system:

Part No. GR66931 - 6" Long, for Ground Return System

- UBS Sealing ring
- Uses patented double-seal protection
- Grease grooves for additional sealing protection
- Factory molded plugs for use with ULTRA-BLUE-SEAL® trailer wiring system
- Factory molded plugs

Self Adjusting, Variable Load Flasher

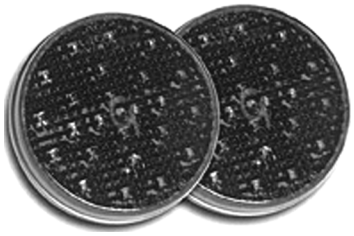


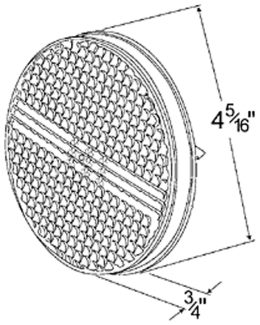
Part No. GR44890

- Electronic flasher automatically adjusts to LED current
- Rated from 1.0 to 20 AMP
- Heavy-duty contacts; external wire provides ground
- Steady flash rate for all LED applications

GROTE LED LIGHTING

SuperNova® 4", U.S. 40 Series LED Strobe Lights





Red Part No. GR77352

Yellow Part No. GR77353

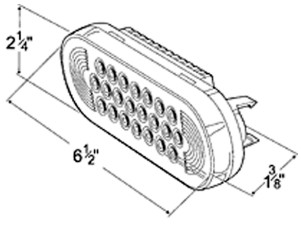
- Available factory mounted in rubber housing with UBS pigtail
- Bullet-proof potted circuit board offers maximum protection against dirt, moisture, and corrosion
- Internal circuitry eliminates the need for an external power supply or control module
- Requires only a 12-volt DC connection for power
- Functions as either a dual flash strobe or a quad flash strobe
- Lamps fit 4 inch standard mounting
- Covered by Grote's 10-year LED warranty
- Lamps mount in any orientation
- Grote's rugged Plug-and-Go® terminals make for a quick, easy connection every time
- Meets SAE J845 specifications

Material: Acrylic/Polycarbonate
Finish: Grey
Voltage/Amp: 12.8 V - .25 AMP
Voltage/Amp: White/Blue 12.8 V - .24 AMP
Bracket: GR43253 GR92510 GR92512 GR92513 GR43572 GR43642 G GR43655
Grommet: GR91740 GR91950
Pigtail: GR66815 GR66841 GR67002 GR66842 GR67013 GR66816 GR66845 GR67005 GR66823 GR66830 GR67016 GR66846

SuperNova® Oval, U.S. 60 Series LED Strobe Lights

Red Part No. GR77362

Yellow Part No. GR77363



- Bullet-proof potted circuit board offers maximum protection against dirt, moisture, and corrosion
- Internal circuitry eliminates the need for an external power supply or control module
- Requires only a 12-volt DC connection for power
- Functions as either a dual flash strobe or a quad flash strobe
- Lamps fit oval standard mounting holes
- Covered by Grote's 10-year LED warranty
- Lamps mount in any orientation
- Grote's rugged Plug-and-Go® terminals make for a quick, easy connection every time
- Meets SAE J845 specifications

Material: Acrylic/ABS
Finish: White
Voltage/Amp: 12.8 V - .25 AMP
Bracket: GR43362 GR43952 GR43220 GR43223 GR43222 GR43100
Grommet: GR92420 GR92720
Pigtail: GR66815 GR66841 GR67002 GR66842 GR67013

TRUCKLITE LED LIGHTING

LED Model 10 Products 2-1/2

Part No. TL10050R

LED Grommet Kits, Red

Part No. TL10050Y

LED Grommet Kit, Yellow

Part No. TL10051R

LED Flange Kit, Red

Part No. TL10051Y

LED Flange Kit, Yellow

Part No. TL10250R

LED Lamp, Red

Part No. TL10250Y

LED Lamp, Yellow

Features & Benefits

- New LED Lifetime Systems Warranty - Click Limited Warranty image for details
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Sonically sealed lens & housing
- Less susceptible to shock & vibration
- Uses standard mounting holes & accessories
- Draws less current, allowing more power for other vehicle requirements
- Direct pin-to-circuit board solders assure vibration resistant contacts
- Permanently affixed LED flange mount version
- Wide groove grommet
- SureSeal plug assembly keeps corrosives from lamp
- Housing assembly with Light Emitting Diodes
- High impact polycarbonate lens

Technical Specifications

Material:
Polycarbonate lens, housing & flange
PVC grommet
16 gauge wire
Light Source:
Light Emitting Diodes (LEDs)
Designed at 14v, .03 amp (red) & .08 (yellow)
Kit Components:
TL10050R/Y grommet kits:(1) - TL10250R/Y lamp, (1) - TL10700 grommet, (1) - TL93745 plug
TL10051R/Y flange kits:
(1) - TL10251R/Y lamp & flange, (1) - TL93745 plug
Recommended Accessories:
TL10705 grommet cover, TL10715 flange cover

LED Model 10 Combination Products 2-1/2

LAMP ONLY

Part No. TL10075Y

LED Flange Kit, Yellow

Part No. TL10275R

LED Lamp, Red

Part No. TL10275Y

LED Lamp, Yellow

Features & Benefits

- LED Limited Warranty - Click Limited Warranty image for details
- Innovative optic design allows one lamp the ability to function as two
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Sonically sealed lens & housing
- Meets PC requirements on a 45 angle using all mounting devices
- Less susceptible to shock & vibration
- Uses standard mounting holes & accessories
- Draws less current, allowing more power for other vehicle requirements
- Direct pin-to-circuit board solders assure vibration resistant contacts
- High impact polycarbonate lens
- Standard bullet terminal plug
- New low profile version available
- Housing assembly with Light Emitting Diodes
- Mounting grommet
- Unique reflector assembly redirects light

Technical Specifications

Material: Polycarbonate lens, housing & flange, PVC grommet, 16 gauge wire
Light Source: Light Emitting Diodes (LEDs)
Designed at 14v, .1 amp
Kit Components: TL10075R/Y grommet kits: (1) - TL10275R/Y lamp (1) - TL10700 grommet (1) - TL94964 plug
TL10079R/Y flange kits: (1) - TL10279R/Y lamp & flange, (1) - TL94964 plug
TL10085R/Y grommet kits: (1) - TL10375R/Y lamp, (1) - TL10700 grommet, (1) - TL93745 plug
TL10090R/Y gray flange kits: (1) - TL10379R/Y lamp & flange, (1) - TL93745 plug

TRUCKLITE LED LIGHTING

LED Model 10 LOW PROFILE Combination Products 2-1/2

Part No. TL10288Y

LED Lamp & Black Flange, Yellow

Features & Benefits

- LED Limited Warranty - Click Limited Warranty image for details
- Innovative optic design allows one lamp the ability to function as two
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Sonically sealed lens & housing
- Meets PC requirements on a 45 angle using all mounting devices
- Less susceptible to shock & vibration
- Uses standard mounting holes & accessories
- Draws less current, allowing more power for other vehicle requirements
- Direct pin-to-circuit board solders assure vibration resistant contacts
- High impact polycarbonate lens
- Standard bullet terminal plug
- Housing assembly with Light Emitting Diodes
- Mounting grommet
- Unique reflector assembly redirects light

Technical Specifications

Material: Polycarbonate lens, housing & flange, PVC grommet, 16 gauge wire
LIGHT SOURCE: Light Emitting Diodes (LEDs)
Designed at 14v, .1 amp
Kit Components:TL10086R/Y grommet kits: (1) - TL10286R/Y lamp, (1) - TL10700 grommet (1) - TL94964 plug
TL10088R/Y black flange kits: (1) - TL10288R/Y lamp & flange, (1) - TL94964 plug
TL10089R/Y gray flange kits: (1) - TL10289R/Y lamp & flange, (1) - TL94964 plug
Recommended Accessories:10705 grommet cover, 10715 flange cover

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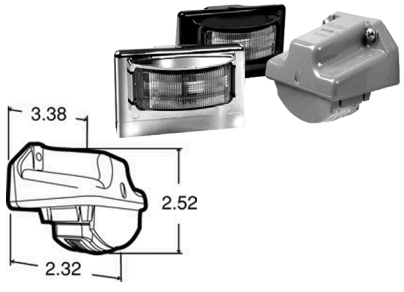
Model 15 License Kits



Features & Benefits

- High impact polycarbonate bracket is available in gray or black
- Features snap-fit mount for quick installation & easy replacement
- Bracket may be surface mounted or used with bracket, TL42722
- Optional mounting gasket improves seal between lamp & body

Technical Specifications

Material:
Polycarbonate bracket
Kit Components:
TL15011/TL15040 kits:
(1) - TL15208 or TL15205 12v lamp
(1) - TL15729 gray bracket
TL15012/TL15041 kits:
(1) - TL15208 or TL15205 12v lamp
(1) - TL15730 black bracket

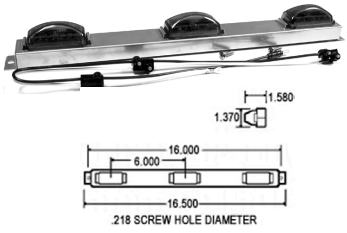
Part No. TL15040

Gray, kit w/12v LED

Part No. TL15041

Black, kit w/12v LED

LED Model 15 Stainless Steel ID Bar



Part No. TL15050R

Red, LED Model 15 ID Bar Kit

Features & Benefits

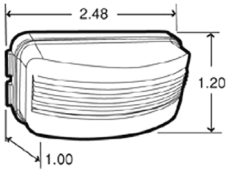
- Designed to fit applications requiring minimal space
- Features stainless steel bar with three LED Model 15 lamps on 6" centers
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Sonically sealed lens & housing Less susceptible to shock & vibration
- Draws less current, allowing more power for other vehicle requirements
- Direct pin-to-circuit board solders assure vibration resistant contacts

Technical Specifications

Material: Polycarbonate lens & housing, Stainless steel bar, 14 gauge wire
Light Source: Light Emitting Diodes (LED), Designed at 14v, .05 amps
Kit Components: TL15050R kit: (3)- TL15250R LED lamps
(1) - TL00808 ID bar (1) - TL93943 wiring harness

TRUCKLITE LED LIGHTING

LED Model 15 Products Rectangular Sealed



Features & Benefits

- US Patent #5934798 applies to all LED License Lamp Applications
- Meets SAE J587 & European ECE Regulations 4
- Electronics sealed in epoxy to resist corrosion & moisture Less susceptible to shock & vibration
- Compatible with standard mounting holes & accessories
- Sealed polycarbonate lens & housing design evenly distributes light
- Hard-wired design w/adapter plug for quick changeover without rewiring

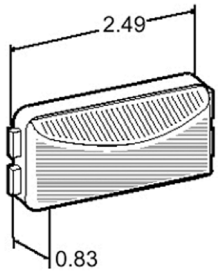
Technical Specifications

Material: Polycarbonate lens & housing
Light Source: Light Emitting Diodes (LEDs), 12v designed at 13.5v, .05 amp
24v designed at 28v, .03 amp

Part No. TL15205R

White, Model 15 LED 12 Volt

LED Model 15 Product Rectangular Sealed



Features & Benefits

- Designed to fit applications requiring minimal space
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Less susceptible to shock & vibration
- Uses standard mounting holes & accessories
- Draws less current, allowing more power for other vehicle requirements
- Direct pin-to-circuit board solders assure vibration resistant contacts
- High impact polycarbonate lens
- Housing assembly with Light Emitting Diodes

Technical Specifications

Material: Polycarbonate lens & housing, PVC grommet, 16 gauge wire
Light Source: Light Emitting Diodes (LEDs)
Designed at 14v, .05 amp
Kit Components: TL15051R/Y kits: (1) - TL15250R/Y lamp,
(1) - TL15702 grommet, (1) - TL94964 plug

Part No. TL15250R

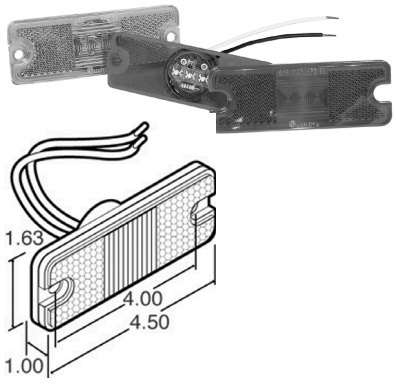
Red, Model 15 LED Lamp

Part No. TL15250Y

Yellow, Model 15 LED Lamp

TRUCKLITE LED LIGHTING

LED Model 18 Products Sealed



Part No. TL18050Y

LED Lamp w/ Blunt Cut, Yellow

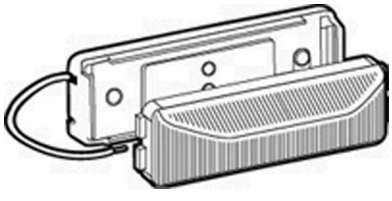
Features & Benefits

- Electronics completely sealed in epoxy to resist corrosion & moisture
- Uses standard mounting holes & accessories
- Less susceptible to shock & vibration
- Draws less current, allowing more power for other vehicle requirements
- Not suitable for PC requirements
- Meets SAE J592 standards
- Red & Yellow versions available Hard wired design
- High impact polycarbonate lens
- Housing assembly with Light Emitting Diodes

Technical Specifications

Material: Polycarbonate lens & housing, 18 gauge wire
Light Source: Light Emitting Diodes (LEDs),
Designed at 14v, .05 amp

LED Model 19 Base Mount Kits



Part No. TL19006R

LED Model 19 Gray Base Kit, Red

Part No. TL19006Y

LED Model 19 Gray Base Kit, Yellow

Features & Benefits

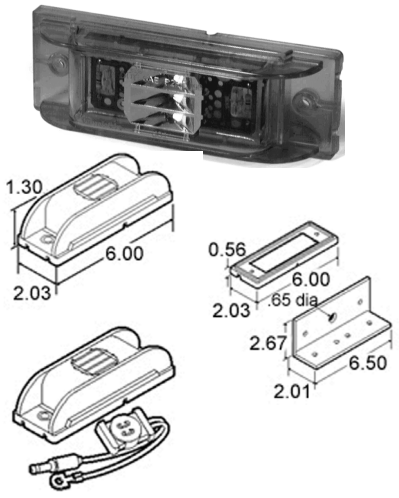
- Innovative optic design allows combination lamp the ability to function as two
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Draws less current, allowing more power for other vehicle requirements Less susceptible to shock & vibration
- Direct pin-to-circuit board solders assure vibration resistant contacts
- Designed to fit applications requiring minimal space
- Combination lamp is suitable for PC requirements on a 45 angle when using base mounts
- Available in red or yellow versions
- NEW Combination versions Housing assembly with Light Emitting Diodes
- High impact polycarbonate lens

Technical Specifications

Material: Polycarbonate lens & housing
Light Source: Light Emitting Diodes (LEDs)
Designed at 14v, .05 amp
Combination lamp designed at 14v, .05 amd (red), .1 amp (yellow)

TRUCKLITE LED LIGHTING

LED Model 21 Combination Products Rectangular Sealed



Features & Benefits

- Features standard & combination lamps
- DiamondShell hard coating available for additional protection
- Innovative optic design allows one lamp the ability to function as two
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Less susceptible to shock & vibration Uses standard mounting holes & accessories
- Draws less current, allowing more power for other vehicle requirements
- Direct pin-to-circuit board solders assure vibration resistant contacts
- High impact polycarbonate lens New combination version
- Fit 'N Forget plug assembly keeps corrosives from lamp
- Housing assembly with light emitting diodes

Part No. TL21075R
LED Combination Kit - Red, 12v

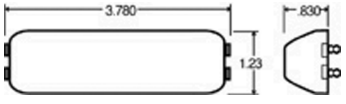
Part No. TL21075Y
LED Combination Kit - Yellow, 12v

Part No. TL21275Y
LED Combination Lamp - Yellow, 12v

Technical Specifications

Material: Polycarbonate lens & housing, 16 gauge wire
Light Source: Light Emitting Diodes (LEDs), 12v designed at 14v, .05 amp
24v designed at 28v, .05 amp, Kit Components: TL21075R/Y kits: (1) - TL21275R/Y combo lamp, (1) - TL94862 plug, TL21051R/Y or TL21080R/Y kits: (1) - TL21251R/Y or TL21880R/Y lamp, (1) - TL94862 plug, TL21056R/Y kits: (1) - TL21256R/Y lamp, (1) - TL94862 plug, Recommended Accessories: TL97034 - Mounting Gasket, TL97036 - Sealing Gasket

Model 19, PC Rated, LED Sealed



Features & Benefits

- Innovative optic design allows combination lamp the ability to function as two
- Draws less current, allowing more power for other vehicle requirements
- Designed to fit applications requiring minimal space
- Must be mounted horizontally PC rated lamps meet requirements on a 45°

Technical Specifications

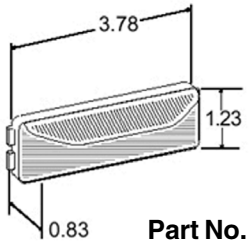
Material: Polycarbonate lens & housing
Light Source: Light Emitting Diodes (LEDs), Designed at 14v, .05 amp
PC rated lamp designed at 14v, .05 amp (red), .12 amp (yellow)

Part No. TL19250R
LED Lamp - Red

Part No. TL19250Y
LED Lamp - Yellow

TRUCKLITE LED LIGHTING

LED Model 19 CLEAR Products Rectangular Sealed



Part No. TL19251R
LED Lamp - Red

Part No. TL19251Y
LED Lamp - Yellow

Features & Benefits

- Unique design combines a clear lens & housing with red or yellow colored LEDs to create a lamp that graps attention only when lit
- Popular in mounting applications where space is at a premium
- When utilized with the optional chrome base, the effect is a sylish appearance
- Snap lock tabs allow for quick & easy installation
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Draws less current, allowing more power for other vehicle requirements
- Less susceptible to shock & vibration Direct pin-to-circuit board solders assure vibration resistant contacts
- Not suitable for PC requirements

Technical Specifications

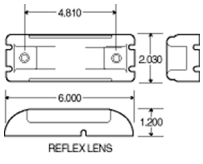
Material: Polycarbonate lens & housing
Light Source: Light Emitting Diodes (LEDs), Designed at 14v, .05 amp

LED Model 19 Radius Gray Base Mount w/ 6.26" radius.

Part No. TL19738
Gray Base Mount Kits

- Features unique plug-in design for ease of installation
- Low profile extra strength base
- Suitable for PC requirements on a 45 angle , polycarbonate base.

LED Model 21 Products Rectangular Sealed



Part No. TL21251R
LED Lamp - Red, 12V

Part No. TL21251Y
LED Lamp - Yellow, 12V

Part No. TL21051R
LED Kit - Red, 12v

Part No. TL21051Y
LED Kit - Yellow, 12v

Features & Benefits

- Features standard or combination lamps Diamond Shell ard coating versions available for additional protection
- Innovative optic design allows one lamp to function as two
- Less susceptible to shock & vibration
- Electronics completely sealed in epoxy to resist corrosion
- Uses standard mounting holes & accessories
- Draws less current, allowing more power for other vehicle requirements
- Direct pin-to-circuit board solders assure vibration resistant contacts
- NEW Combination version High impact polycarbonate lens
- Housing assembly with Light Emitting Diodes
- SureSeal plug assembly keeps corrosives from lamp

Technical Specifications

Material: Polycarbonate lens & housing, 16 gauge wire, Light Source: Light Emitting Diodes (LEDs), 12v designed at 14v, .05 amp, 24v designed at 28v, .05 amp, Kit Components: TL21075R/Y kits: (1) - TL21275R/Y combo lamp, (1) - TL94862 plug, TL21051R/Y or TL21080R/Y kits: (1) - TL21251R/Y or TL21880R/Y lamp, (1) - TL94862 plug, TL21056R/Y kits: (1) - TL21256R/Y lamp, (1) - TL94862 plug, Recommended Accessories: TL97034 - Mounting Gasket, TL97036 - Sealing Gasket

TRUCKLITE LED LIGHTING

LED Model 30 Products 2" Sealed

Part No. TL30050R
LED Grommet Kit - Red, 12v

Part No. TL30050Y
LED Grommet Kit - Yellow, 12v

Part No. TL30051R
LED Grommet Kit - Red, 12v

Part No. TL30051Y
LED Grommet Kit - Yellow, 12v

Part No. TL30250R
LED Lamp - Red, 12v

Part No. TL30250Y
LED Lamp - Yellow, 12v

Part No. TL30251R
LED Lamp & Flange - Red, 12v

Part No. TL30271R
Yellow LED Lamp w/ABS logo - 12v

Features & Benefits

- Electronics completely sealed in epoxy to resist corrosion & moisture
- Sonically sealed lens & housing
- Uses standard mounting holes & accessories Less susceptible to shock & vibration
- Draws less current, allowing more power for other vehicle requirements
- Direct pin-to-circuit board solders assure vibration resistant contacts
- Available in 12 or 24 volt versions
- Wide groove PVC grommet
- Flange mount version permanently affixed to sealed lamp SureSeal plug keeps corrosives from LED lamp
- High impact polycarbonate lens Housing assembly with Light Emitting Diodes

Technical Specifications

Material: Polycarbonate lens, housing & flange, PVC grommet, 16 gauge wire
Light Source: Light Emitting Diodes (LEDs), 12v designed at 14v, .03 amp (red) & .08 amp (yellow), 24v designed at 28v, .05 amps (red) & .10 amp (yellow)
Kit Components: TL30050R/Y grommet kits: (1) - TL30250R/Y 12v lamp (1) - TL30700 grommet, (1) - TL94862 plug, TL30058R/Y grommet kits: (1) - TL30258R/Y 24v lamp, (1) - TL30700 grommet, (1) - TL94862 plug
TL30051R/Y flange kits: (1) - TL30251R/Y 12v lamp & flange, (1) - TL94862 plug
Recommended Accessories: TL30705 grommet cover, TL30708 flange cover

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Armored Mount For LED Model 35 Products

Features & Benefits

- Extruded aluminum armored mounting bracket protects individual lamps from physical damage
- Wiring routed through .65" access hole in base of mount

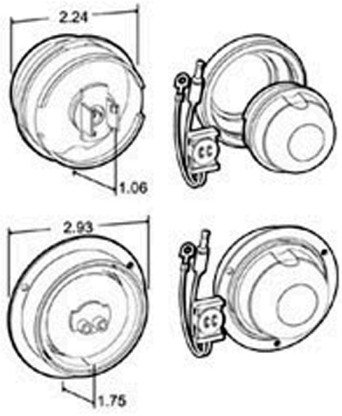
Technical Specifications

Material: Aluminum mount

Part No. TL30050R

TRUCKLITE LED LIGHTING

LED Model 30 High Profile PC Rated, 2'' Sealed



Part No. TL30075R
LED Grommet Kit, Red

Part No. TL30075Y
LED Grommet Kit, Yellow

Part No. TL30275R
LED Lamp, Red

Part No. TL30275Y
LED Lamp, Yellow

Part No. TL3027R
LED Lamp & Flange, Red

Part No. TL30279Y
LED Lamp & Flange, Yellow

Features & Benefits

- Innovative optic design allows one lamp the ability to function as two
- Sonically sealed lens & housing
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Less susceptible to shock & vibration Draws less current, allowing more power for other vehicle requirement
- Uses standard mounting holes & accessories NEW Low Profile version available
- Direct pin-to-circuit board solders assure vibration resistant contacts
- Meets PC requirements on a 45 angle using all mounting devices
- Standard bullet terminal plug
- High impact polycarbonate lens
- Housing assembly with Light Emitting Diodes
- Wide groove grommet Permanently affixed LED flange mount

Technical Specifications

Material: Polycarbonate lens, housing & flange, PVC grommet, 16 guage wire, Light Source: Light Emitting Diodes (LEDS), Designed at 14v, .1 amp
Kit Components: TL30075R/Y grommet kits: (1) - TL30275R/Y lamp, (1) - TL30700 grommet, (1) - TL94964 plug, TL30080R/Y flange kits: (1) - TL30279R/Y lamp & flange, (1) - TL60700 grommet, (1) - TL94964 plug, Recommended Accessories: TL30705 grommet cover, TL30708 flange cover, TL30709 grommet, TL94964 right angle plug

Mounting Covers For 4'' Lamps

Features & Benefits

- Designed to enhance the appearance of lamps
- Flange cover offers improved theft resistance
- Three screws required

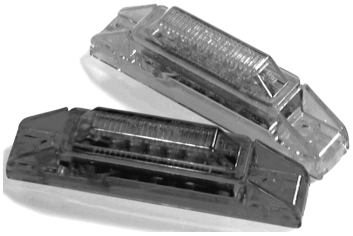
Part No. TL44705
Grommet Cover

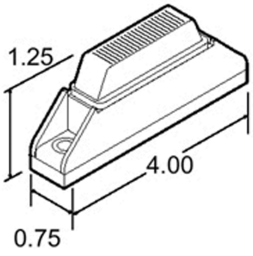
Technical Specifications

Material: Polished Stainless Stee, Black powder coated stainless steel Chrome painted plastic

TRUCKLITE LED LIGHTING

LED Model 35 Products Rectangular Sealed





Part No. TL35001R
LED Kit - Red, 12v

Part No. TL35001Y
LED Kit - Yellow, 12v

Part No. TL35200R
LED Lamp - Red, 12v

Part No. TL35200Y
LED Lamp - Yellow, 12v

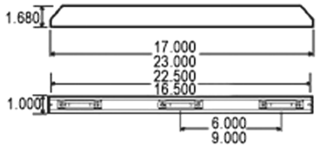
Features & Benefits

- Slim 3/4 " wide design makes this lamp the perfect solution for lighting narrow trailer headers
- Uses standard mounting holes on 3 " centers
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Less susceptible to shock & vibration
- Draws less current, allowing more power for other vehicle requirements
- New optional gaskets to improve seal between lamp & body
- Must be mounted horizontally
- Kits include lamp & 94862 plug
- New multi-voltage version
- High impact polycarbonate lens Housing assembly with Light Emitting Diodes
- "Fit 'N Forget" plug assembly keeps corrosives from lamp

Technical Specifications

Material: Polycarbonate lens & housing, 16 gauge wire, Light Source: Light Emitting Diodes (LEDs), 12v designed at 14v, .03 amp (red) and .08 amp (yellow), 24v designed at 28v, .03 amp (red) and .04 amp (yellow)

LED Model 35 Aluminum ID Bar



Part No. TL35740R
Red, kit w/6" centers

Features & Benefits

- Designed to fit applications requiring minimal space
- Features aluminum bar with three LED Model 35 lamps on 6" or 9" centers
- Slim 1" width is perfect for upper rail mounting
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Sonically sealed lens & housing Less susceptible to shock & vibration
- Draws less current, allowing more power for other vehicle require ments
- Direct pin-to-pin board solders assure vibration resistant contacts

MATERIAL: Polycarbonate lens & housing, Extruded aluminum bar, 16 gauge wire, LIGHT SOURCE: Light Emitting Diodes(LED), Designed at 14v, .03 amp (red)and .08 amp(yellow), KIT COMPONENTS: TL35740R/Y kits: TL3 - 35200R/Y LED lamps, (1) - TL00815 ID bar w/ 6" center, (1) - TL96989 wiring harness, TL35741R/Y kits: (3) - TL35200R/Y LED lamps, (1) - TL00816 ID bar w/ 9" center, (1) - TL96996 wiring harness

TRUCKLITE LED LIGHTING

Super 44 Rear Turn, 4'' Sealed / 42 Diode Pattern

Part No. TL44001Y
LED Rear Turn Grommet Kit, Yellow

Part No. TL44021Y
LED Rear Turn Gray Flange Kit, Yellow

Part No. TL44081Y
LED Rear Turn Grommet Kit, Yellow

Part No. TL44201Y
LED Rear Turn Lamp - Yellow

Features & Benefits

- New slim housing fits into areas where space is at a premium
- Electronics completey sealed in epoxy to resist corrosion & moisture
- Uses standard Model 40 mounting holes & accessories Less susceptible to shock & vibration
- Draws less current, allowing more power for other vehicle requirements
- SureSeal plug assembly keeps corrosives from lamps
- Permanently affixed LED flange mount version
- Mounting grommet Housing assembly with Light Emitting Diodes
- High impact polycarbonate lens

Technical Specifications

Material: Polycarbonate lens, housing & flange, PVC grommet, 16 gauge wire
Light Source: Light Emitting Diodes (LEDs), 12v lamp designed at 14v, .5 amp
Kit Components: TL44001Y & TL44081Y grommets: (1) - TL44201Y or TL44881Y lamps, (1) - TL40700 grommets, (1) - TL94789 adapter plug, TL44201Y & TL44087Y gray flange kits: (1) - TL44221Y or TL44887Y lamp & flange, (1) - TL94789 adapter plug, TL44027Y & TL44088Y black flange kits: (1) - TL44227Y or TL44888Y lamp & flange, (1) - TL94789 adapter plug, Recommended Accessories: TL44705 flange cover, TL40705 grommet cover

LED Super 44 F/P/T Products 4'' Sealed

Part No. TL44003Y
Grommet Kit, Yellow

Part No. TL44203Y
Lamp, Yellow

Features & Benefits

- New slim housing fits into areas where space is at a premium
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Uses standard mounting holes & accessories
- Less susceptible to shock & vibration
- Draws less current, allowing more power for other vehicle requirements
- Permanently affixed LED flange mount version
- Mounting grommet High impact polycarbonate lens
- Housing assembly Light Emitting Diodes
- Fit 'N Forget plug assembly keeps corrosives from lamps

Technical Specifications

Material: Polycarbonate lens, housing & flange, PVC grommet, 16 gauge wire
Light Source: Light Emitting Diodes (LEDs), Designed at 14v, .01/.75 amp
Kit Components: TL44024Y & TL44078Y black flange: (1) - TL44224Y or TL 44878Y lamp & flange (1) - TL94706 adapter plug, TL44023Y & TL44077Y gray flange: (1) - TL44223Y or TL44877Y lamp & flange, (1) - TL94706 adapter plug
TL44003Y & TL44071Y grommets: (1) - TL44203Y or TL44871Y lamp, (1) - TL40700 grommet, TL1 - 94706 adapter plug

TRUCKLITE LED LIGHTING

LED Super 44 S/T/T Products 4'' Sealed

Part No. TL44022R
Red, SST flange mount lamp kit

Part No. TL44030R
LED Grommet Kit, Red

Part No. TL44032R
LED Gray Flange Kit, Red

Part No. TL44036R
LED Black Flange Kit, Red

Part No. TL44092R
LED Grommet Kit, Red

Part No. TL44222R
Red, lamp and flange mount only

Part No. TL44302R
LED Lamp, Red

Part No. TL44322R
LED Lamp & Gray Flange, Red

Features & Benefits

- Most advanced & cost effective LED S/T/T lamp on the market
- Utilizes cold clinching joining process for a more reliable & robust product
- Snap LED array dissipates heat more effectively, resulting in greater light output
- Advanced optics design creates a greater dispersion of light
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Uses standard mounting holes & accessories
- Draws less current, allowing more power for other vehicle requirements
- New, permanently affixed reinforced flange mount version
- High impact polycarbonate lens Mounting grommet
- Fit 'N Forget plug assembly keeps corrosives away from LED lamps

Technical Specifications

Material: Polycarbonate lens, housing & flange, PVC grommet, 16 gauge wire
Light Source: Light Emitting Diodes (LEDs), Designed at 14v, .03/.3 amp
Kit Components: TL44036R & TL;44096R black flange: (1) - TL44326R or TL44986R lamp & flange, (1) - 94706 adapter plug, TL44032R & TL44093R gray flange: (1) - TL44322R or TL44983R lamp & flange, (1) - TL94706 adapter plug
44038R &44098R white flange: (1) - TL44328R or TL44988R lamp & flange
(1) - TL94706 adapter plug, TL44030R & TL44092R grommets: (1) - TL44302R or TL44982R lamp, (1) - TL40700 grommet, (1) - TL94706 adapter plug

LED Model 44 Products 4"Sealed

Part No. TL44046C
LED Model 44 Flange Kit, White

Features & Benefits

New slim housing fits into areas where space is at a premium

Electronics completely sealed in epoxy to resist corrosion & moisture

Uses standard mounting holes & accessories

Draws less current, allowing more power for other vehicle requirements

Direct pin-to-circuit board soldering assures solid, water tight contacts

Sealed polycarbonate lens & housing design evenly distributes light for full & powerful illumination pattern

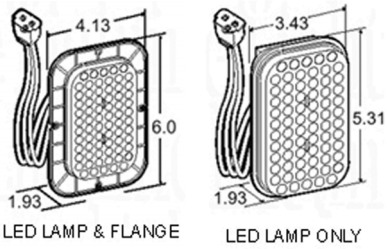
Fit 'N Forget plug assembly keeps corrosives from lamp Permanently affixed LED flange mount version

Technical Specifications

Material: Polycarbonate lens, housing & flange, 16 gauge wire,
Light Source: Light Emitting Diodes (LEDs), Designed at 13.5v, .5 amp
Kit Components: TL44042C grommet kit: (1) - TL44207C lamp, (1) - TL40700 grommet, (1) - TL94789 plug, TL44046C flange kit: (1) - TL44237C lamp & flange
(1) - 94789 adapter plug, Recommended Accessories: TL44705 flange cover, TL40705 grommet cover

TRUCKLITE LED LIGHTING

LED Model 45 Products Sealed



Part No. TL45052R
LED Grommet Kit - Red, 12v

Features & Benefits

- DiamondShell hardcoat versions available for additional protection
- Sonically sealed lens & housing
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Less susceptible to shock & vibration
- Permanently affixed LED flange mount version
- Mounting grommet Housing assembly with Light Emitting Diodes
- High impact polycarbonate lens
- Standard connector makes retrofitting a snap Hard wired design eliminates pin corrosion

Technical Specifications

Material: Polycarbonate lens, housing & flange, PVC grommet, 18 gauge wire
Light Source: Light Emitting Diodes (LEDs), 12v designed at 14v, .5 amp (stop), .08 amp (tail), .7 amp (turn), 24 designed at 28v, .2 amp (stop), .05 amp (tail), .5 amp (turn)
Kit Components: TL45052R/TL45062R 12v grommet kits: (1) - TL45252R or TL45262R hard wired lamp, (1) - TL45700 grommet, TL45054R/TL45064R 24v grommet kits: (1) - TL45254R or TL45264R hard wired lamp
(1) - TL45700 grommet, Recommended Accessories: TL45720 flanged mounting bracket TL45721 mounting bracket

Mounting Covers For 60 Series Mounts

Part No. TL60719
Flange cover, 5/carton

Features & Benefits

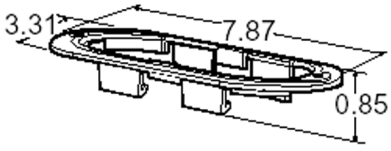
·Grommet cover features polished stainless steel to enhance appearance of lamps
·Flange cover provides improved theft resistance of LED lamps

Technical Specifications

Material: Polished stainless steel

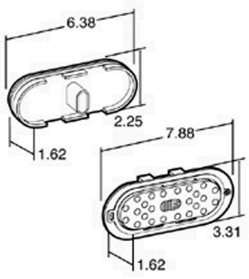
Model 60 LED 60 Series Mounting Flange Model

Part No. TL60750
Model 60 LED Mounting Flange



TRUCKLITE LED LIGHTING

LED Model 60 S/T/T & F/P/T Products Oval Sealed



Part No. TL60050R
Grommet Kit, Red

Features & Benefits

- World's first SingLEDiode S/T/T
- Lamp meets regulations using only 1 LED
- Creates homogenous glow, never before seen in an LED lamp
- DiamondShell hardcoat versions for additional protection
- Sonically sealed lens & housing
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Less susceptible to shock & vibration
- Flange mount version Wide groove grommet
- Housing assembly with Light Emitting Diodes
- Fit 'N Forget plug assembly keeps corrosives away from LED lamps
- Non metalized reflector High impact polycarbonate lens

Technical Specifications

Material: Polycarbonate lens & housing, ABS flangePVC grommet, 16 gauge wir, Light Source: Light Emitting Diodes (LEDs), Designed at 14v, .3 amp (stop), .1 amp (tail), .5 amp (turn), Kit Components: TL60050R/TL60094Y grommet kits: (1) - TL60250R or TL60290Y lamp, (1) - TL60700 grommet, (1) - TL94706 adapter plug, TL60085R grommet kit: (1) - TL60885R lamp, (1) - TL60700 grommet, (1) - TL94706 adapter plug, TL60056R/TL60097Y black flange kits:
(1) - TL60256R or TL60292Y lamp & flange, (1) - TL94706 adapter plug
TL60052R/TL60096Y gray flange kits: (1) - TL60252R or TL60291Y lamp & flange, (1) - TL94706 adapter plug, Recommended Accessories: TL60719 flange cover, TL60721 grommet cover

LED Super 60 Auxiliary/Turn Products 6" Sealed

Part No. TL60072Y
LED Gray Flange Mount Kit, Yellow

Part No. TL60075Y
LED Grommet Mount Kit, Yellow

Part No. TL60080Y
LED Grommet Mount Kit, Yellow, seq. Arrow kit

Part No. TL60275Y
LED Lamp, Yellow

Part No. TL60280Y
LED Lamp, Yellow, seq. arrow

Features & Benefits

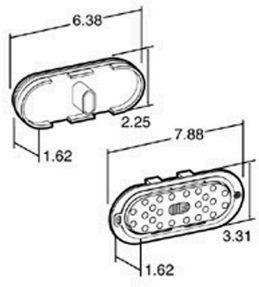
- DiamondShell hardcoat version for additional protection
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Less susceptible to shock & vibration
- Vibration sealed lens & housing
- High impact polycarbonate lens Mounting grommet
- Fit 'N Forget plug assembly keeps corrosives away from LED lamps
- Housing assembly with Light Emitting Diodes

Technical Specifications

Material: Polycarbonate & housing, ABS flange, PVC grommet, 16 gauge wire
Light Source: Light Emitting Diodes (LEDs), 12v lamp designed at 14v, .42 amp
12v sequential arrow designed at 14v, .3 amp, Kit Components: TL60075Y & TL60080Y grommet kits: (1) - TL60275Y or TL60280Y lamp (1) - TL60700 grommet
(1) - TL94789 adapter plug, TL60072Y & TL60082Y gray flange kits: (1) - TL60272Y or TL60282Y lamp & flange, (1) - TL94789 adapter plug, Recommended Accessories: TL60719 flange cover, TL60721 grommet cover

TRUCKLITE LED LIGHTING

LED Model 60 S/T/T & F/P/T Products Oval Sealed



Part No. TL60075Y
Grommet Kit, Yellow

Part No. TL60094Y
Grommet Kit, Yellow

Part No. TL60250R
LED Lamp, Red

Part No. TL60252R
LED Lamp & Gray Flange, Red

Part No. TL60290Y
LED Lamp, Yellow

Features & Benefits

- World's first SingLEDiode S/T/T
- Lamp meets regulations using only 1 LED
- Creates homogenous glow, never before seen in an LED lamp
- DiamondShell hardcoat versions for additional protection
- Sonically sealed lens & housing Electronics completely sealed in epoxy to resist corrosion & moisture
- Less susceptible to shock & vibration
- Flange mount version Wide groove grommet
- Housing assembly with Light Emitting Diodes
- Fit 'N Forget plug assembly keeps corrosives away from LED lamps
- Non metalized reflector High impact polycarbonate lens

Technical Specifications

Material: Polycarbonate lens & housing, ABS flangePVC grommet, 16 gauge wire
Light Source: Light Emitting Diodes (LEDs), Designed at 14v, .3 amp (stop), .1 amp (tail), .5 amp (turn), Kit Components: TL60050R/TL60094Y grommet kits: (1) - TL60250R or TL60290Y lamp, (1) - TL60700 grommet, (1) - TL94706 adapter plug, TL60085R grommet kit: (1) - 60885R lamp, (1) - 60700 grommet, (1) - TL94706 adapter plug, TL60056R/TL60097Y black flange kits: (1) - TL60256R or TL60292Y lamp & flange, (1) - TL94706 adapter plug, TL60052R/TL60096Y gray flange kits: (1) - TL60252R or TL60291Y lamp & flange, (1) - TL94706 adapter plug
Recommended Accessories: TL60719 flange cover, TL60721 grommet cover

LED Model 60 CHMSL Products 6'' Sealed

Part No. TL60260R
LED Model 60 Lamp 12v, Red

Features & Benefits

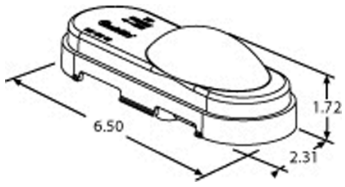
- Sonically sealed lens & housing
- Electronics completely sealed in epoxy to resist corrosion & moisture
- Less susceptible to shock & vibration
- Fit 'N Forget plug assembly keeps corrosives away from LED lamps
- High impact polycarbonate lens
- Housing assembly with Light Emitting Diodes
- Mounting grommet New flange mount version
- Not recommended for stop or turn applications

Technical Specifications

Material: Polycarbonate lens, housing & flange, PVC grommet, 16 gauge wire
Light Source: Light Emitting Diodes (LEDs), Designed at 14v, .35 amp
Kit Components: TL60061R grommet kit: (1) - TL60260R lamp, (1) - TL60700 grommet, (1) - TL94789 adapter plug, TL60062R & TL60037R gray flange kit: (1) - TL60262R or TL60267R lamp & flange, (1) - TL94789 adapter plug
Recommended Accessories: TL60719 flange cover, TL60721 grommet cover

TRUCKLITE LED LIGHTING

Super 60 LED Side Turn Signal Lamp



Part No. TL60315Y
Super 60 Series LED Side Turn Lamp

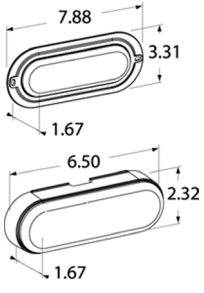
Features & Benefits

- Surpasses SAE J2039 standards for Side Turn Signal lamps in large vehicle applications
- Exceeds DOT and SAE standards for Side Marker application
- Mounts at mid-point of trailer or where needed on tractor
- Created using Advanced Optics Design (AOD) software, to produce maximum light dispersion
- Lamp life rated at 100,000 hours
- Low amperage draw for fewer wiring and alternator problems.
- Instantaneous glow time, 0.2 seconds faster than incandescent lamps.
- Superior resistance to shock and vibration
- Lamp can be mounted on either side of vehicle

Technical Specifications

Material: Polycarbonate lens & housing
Light Source: Light Emitting Diodes (LED's), Designed at 13.5 volts, Turn: .5 amps; Marker: .05 amps,
Recommended Accessories: TL60700 Grommet, TL60721 Decorative Grommet Cover, TL60719 Stainless Steel Flange Cover, TL94706 LED Fit 'N Forget/PL-3, adapter, TL94707 LED Fit 'N Forget connector

SingLEDiode Super 66 LED S/T/T Lamp



Features & Benefits

- World's first One Diode S/T/T Lamp meets regulations while creating a homogenous glow never before seen in an LED lamp
- DiamondShell hardcoat versions for additional protection
- High impact polycarbonate lens and housing are sonically sealed
- Electronics completely sealed in epoxy to resist corrosion & moisture
- All Truck-Lite LED lamps are less susceptible to shock & vibration
- Flange mount version utlizes reinforced mounting holes
- Fit 'N Forget plug assembly keeps corrosives away from LED lamps

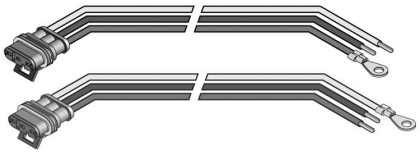
Technical Specifications

Material: Polycarbonate lens & housing, PVC grommet, 16 gauge wire
Light Source: Light Emitting Diodes (LEDs), Designed at 13.5v, .35 amp (stop/turn), .03 amp (tail)
Kit Components: 66050R grommet kit: (1) - TL66250R lamp, (1) - TL60700 grommet, (1) - TL94706 adapter plug, TL66085R grommet kit: (1) - TL66885R lamp, (1) - TL60700 grommet (1) - TL94706 adapter plug, TL66056R black flange kit: (1) - TL66256R lamp & flange, (1) - TL94706 adapter plug, TL66054R gray flange kit: (1) - TL66254R lamp & flange, (1) - TL94706 adapter plug, TL66052R gray flange kit: (1) - TL 66252R lamp & flange, (1) - TL94706 adapter plug, TL66082R gray flange kit: (1) - TL66882R lamp & flange, (1) - TL94706 adapter plug, Recommended Accessories: TL60719 flange cover, TL60721 grommet cover, TL60700 grommet, TL94706 adapter plug, TL94706 plug assembly

Part No. TL66250R
Super 66 SingLEDiode S/T/T Lamp

TRUCKLITE LED LIGHTING

LED Fit 'N Forget Stop/Turn/Tail Plug



Part No. TL94707
Stop/Turn/Tail Plug

Features & Benefits
- Keeps water, salt & other corrosives from LED lamps
- Combine with LED lamps for Lifetime Lighting Warranty eligibility
- 16 gauge GPT wire
- Tin plated brass terminals

Technical Specifications
Ground - 8" - #10 ring terminal - White
Tail - 8" - 6/32" wire strip - Black
Stop/Turn - 8" - 6/32" wire strip - Red

LED Fit 'N Forget Marker Clearance Plugs

Part No. TL94718

Features & Benefits
- Keeps water, salt & other corrosives from LED lamps
- Combine with LED lamps for Lifetime Lighting Warranty eligibility
- 16 gauge GPT wire
- Tin plated brass terminals

Technical Specifications
Part#s: TL94624, Ground -11.5" - P/E connector #120109 - White
M/C - 11.5" - P/E connector #120109 - Black, TL94861, Ground - 4.5" - #6 ring terminal - White,
M/C - 5" - Heat shrink butt splice - Black, TL94862
Ground - 4.5" - #6 ring terminal - White, M/C - 5" - .180 molded bullet - Black
TL94718, Ground - 4.5" - #10 ring terminal - White, M/C - 5" - .180 molded bullet - Black,
TL94888, Ground - 4.5" - #6 ring terminal - White, M/C - 5" - .156 molded bullet - Black,
TL94742, Ground - 4.5" - .156 shunt device - White, M/C - 5" - .156 shunt device - Black,
TL95410, Ground - 5" - .180 molded bullet - White, M/C - 5" - .180 molded bullet - Black,
TL97005, Ground - 5" - .180 molded bullet - White, M/C - 5" - .180 molded bullet - Black,
TL94736, Ground - 12" - .180 molded bullet - White, M/C - 12" - .180 molded bullet - Black,
TL95306, Ground - 20" - .180 molded bullet - White, M/C - 20" - .180 molded bullet - Black,
TL97006, Ground - 4.5" - Heat shrink butt splice - White, M/C - 5" - Heat shrink butt splice - Black

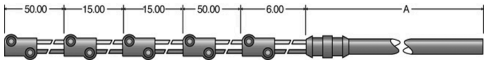
LED Fit 'N Forget Stop/Turn Plug

Part No. TL94759
Stop/Turn Plug

Features & Benefits
- Keeps water, salt & other corrosives from LED lamps
- Combine with LED lamps for Lifetime Lighting Warranty eligibility
- 16 gauge GPT wire
- Tin plated brass terminals

Technical Specifications
Ground - 8" - #6 ring terminal - White
Stop/Turn - 8" - 12/32" wire strip - Red

Upper Marker & ID Harness



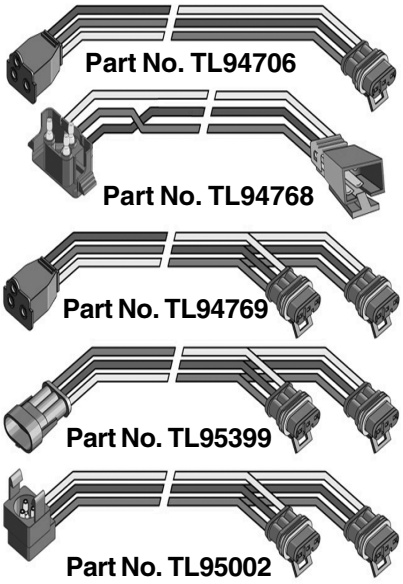
Part No. TL50302
Upper Market & Identification
Harrness, brown/ white

Features & Benefits
- This system fits every application including retro-fitting & tank truck/trailers
- Design is centered around an eight outlet junction box with liquid tight compression fittings
- Three part fittings have a PVC grommet available in six different hole sizes to accomodate various cables
- Eight position terminal block provides a robust electrical connection

Technical Specifications
Material: PVC jacket cable, 2 conductor round cable

TRUCKLITE LED LIGHTING

LED Fit ‘N Forget S/T/T & Adapter Plugs



Features & Benefits

- Keeps water, salt & other corrosives from LED lamps
- Combine with LED lamps for Lifetime Lighting
- Warranty eligibility 16 gauge GPT wire
- Tin plated brass terminals

Technical Specifications

Converts one S/T/T plug into LED Fit ‘N Forget S/T/T plug
Ground - 8" - White
Tail - 8" - Black
Stop/Turn - 8" - Red

Part No. TL94706

LED Fit ‘N Forget Marker Clearance Plugs

Part No. TL94862

Features & Benefits

· Keeps water, salt & other corrosives from LED lamps

· Combine with LED lamps for Lifetime Lighting Warranty elgibility

· 16 gauge GPT wire

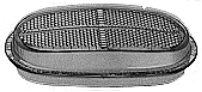
· Tin plated brass terminals

Technical Specifications

Ground - 4.5" - #6 ring terminal - White
M/C - 5" - .180 molded bullet - Black

REPLACEMENT LENSES

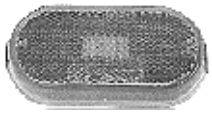
Part No.
Betts 920049 (R)
Betts 920050 (A)
Clearance/Marker



Part No.
Betts 920058 (R)
Betts 920059 (A)
Clearance/Marker

Part No.
Betts 920109 (R)
Betts 920110 (A)
Clearance/Marker

Part No.
Betts 920116 (R)
Betts 920117 (A)
Clearance/Marker



Part No.
Peterson
PM108-15R
PM108-15A
Clearance/Marker

Part No.
Peterson
PM100-15R
PM100-15A
Clearance/Marker

Part No.
Grote GR90052 (R)
Grote GR90053 (A)
Clearance/Marker

Part No.
Grote 1092579 (R)
Grote 1092605 (A)
Grote GR91572 (R)
Grote GR91573(A)
Clearance/Marker

Part No.
Grote GR90152 (R)
Grote GR90153 (A)
Clearance/Marker

Part No.
Grote GR90162 (R)
Grote GR90163 (A)
Clearance/Marker

Part No.
Grote GR90172 (R)
Grote GR90173 (A)
Clearance/Marker

Part No.
Grote GR90202 (R)
Grote GR90203 (A)
Clearance/Marker

Part No.
Grote GR91042 (R)
Grote GR91043 (A)
Clearance/Marker

Part No.
Grote GR91162 (R)
Grote GR91163 (A)
Clearance/Marker

Part No.
Grote GR91172 (R)
Grote GR91173 (A)
Clearance/Marker

Part No.
Grote GR91962 (R)
Grote GR91963 (A)
Clearance/Marker

Part No.
Grote GR91992 (R)
Grote GR91993 (A)
Clearance/Marker

Part No.
Grote GR92132 (R)
Grote GR92133 (A)
Clearance/Marker

Part No.
1092579 (R)
1092605 (A)
Clearance/Marker
Fits most
competitive lamps

Part No.
Grote GR90012 (R)
Grote GR90013 (A)
Grote GR90011 (C)
Stop/Turn/Tail

Part No.
Grote GR90102 (R)
Grote GR90103 (A)
Stop/Turn/Tail

Part No.
Grote GR90232 (R)
Grote GR90233 (A)
Stop/Turn/Tail

Part No.
Grote GR91302 (R)
Stop/Turn/Tail

Part No.
Grote GR91482 (R)
Stop/Turn/Tail

Part No.
Grote GR91502 (R)
Grote GR91503 (A)
Stop/Turn/Tail

Part No.
Grote GR91582 (R)
Grote GR91583 (A)
Stop/Turn/Tail

Part No.
Grote GR90121
Clear
Dome

Part No.1103680 (R)

Part No. 1103680
Stop/Turn/Tail
Fits most
competitive lamps

Betts
Grote
THE FIRST NAME
IN TRUCK SAFETY SYSTEMS

NYK-77 Compound

Features & Benefits

- Corrosion preventive compound for electrical contacts, switches & junction boxes
- For periodic use with all electrical contacts not using Fit 'N Forget connectors
- Available in a variety of sizes

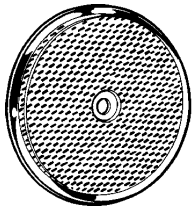
Part No. TL97940 8oz.
Part No. TL97943 32oz. can
Part No. TL97944 2oz. tube
Part No. TL97948 14oz. cartridge
Part No. TL98013 Tube, 5 oz.

Ultra-Seal Corrosion Preventive Sealant
Part No. GR99170

4oz. (118 ml)

- Prevents rust and corrosion
- Good mechanical stability
- Added tackifiers improve adhesion and resistance to washout
- Cost-effective, corrosion preventative sealant
- Has a 25% higher non-conductivity rating compared to the competition
- Operating range -40°C to 150°C (-40°F to 302°F)

REFLECTORS



CENTER MOUNT
3" Diameter
Red: **Part No. 1013415**
Amber: **Part No. 1013433**
2-1/2" Diameter
Red: **Part No. 1013414**
Amber: **Part No. 1013432**

Compact Rectangular Reflector
Adhesive Backing
Red: **Part No. TL98003R**
Yellow: **Part No. TL98003Y**

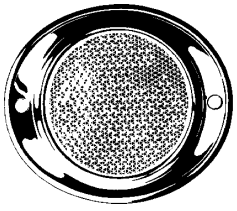
4.375" Wide, 1.250" high, Mounting Holes on 3.938" centers

Oblong Reflector
Sealed Lens and Housing

Red: **PartNo.TL98031R**
Yellow: **PartNo.TL98031Y**

Adhesive Back
Red: **PartNo.TL98032R**
Yellow: **PartNo.TL98032Y**

4.375" Wide, 1.875" high, Mounting Holes on 3.937" centers



3" DIAMETER REFLECTOR WITH ALUMINUM BACK
3.75" high, 4.50" wide with mounting holes on $3^{15}/_{16}$" centers.

Red: **Part No. 1013412**
Amber: **Part No. 1013430**

Rectangular Reflector

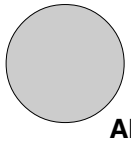
Adhesive Backing
Red: **PartNo.TL98001R**
Yellow: **PartNo.TL98001Y**

Lexan Lens
Red: **PartNo.TL98002R**
Yellow: **PartNo.TL98002Y**

4.380" Wide, 1.920" high, Mounting Holes on 3.940" centers

Aluminum Housing Reflector
3" Diameter Lens
Red: **PartNo.TL98030R**
Yellow: **PartNo.TL98030Y**

4.625" Wide, 4.000" high, Mounting Holes on 3.938" centers



ADHESIVE BACKED
SPITFIRE™ WIDE ANGLE REFLECTORS
Mounts on flat or curved surfaces. 50% wider angle of reflectively. Molded reflector - not tape or plastic. Only .012 inches thick. Exceeds D.O.T. specifications
3" Round:
Red: **Part No. PM490R**
Amber: **Part No. PM490A**
$4^{5}/_{16}$" X $1^{11}/_{16}$" Square:
Red: **Part No. PM491R**
Amber: **Part No. PM491A**

ADHESIVE BACK
3" Diameter
Red: **Part No. 1012578**
Amber: **Part No. 1012579**

3.16" Diameter

3.20" Diameter

3" Reflector
Sealed Lens and Housing
Adhesive Backing
Red: **Part No. TL98005R**
Yellow: **Part No. TL98005Y**

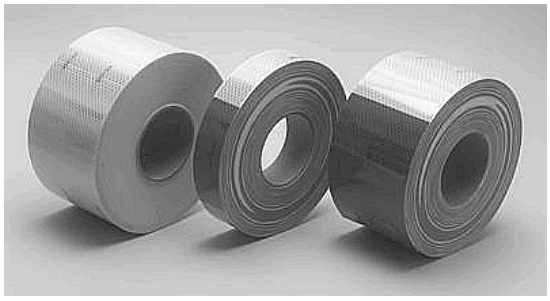
3" Center Mount Reflector
Sealed Lens and Housing
Red: **Part No. TL98006R**
Yellow: **Part No. TL98006Y**

2.16" Diameter

2.20" Diameter

2" Reflector Sealed Lens and Housing	
Adhesive Backing	**Center Mount**
Red: **Part No. TL98008R**	Red: **Part No. TL98007R**
Yellow: **Part No. TL98008Y**	Yellow: **Part No. TL98007Y**

REFLECTIVE TAPE



3M Conspicuity Markings

2" X 150' Roll
11" Red, 7" White
Part No. 1012572

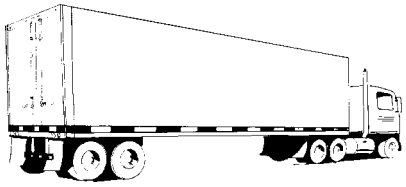
Conspicuity Tape
2" x 150' Roll
6" Red, 6" White
7 Year Warranty!
Part No. 1012569

Reflective Tape Kit
Tape Kit for
48 Foot Trailer
Part No. 1012570

Conspicuity Tape
1" x 150' Roll
11" Red, 7" White
Part No. 1012577

2" X 18" Strips
Red and White
Part No. 1012573

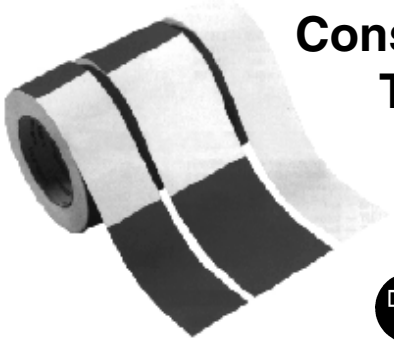
Reflective Tape Kit
Tape Kit for
53 Foot Trailer
Part No. 1012574



Grote

THE FIRST NAME IN TRUCK SAFETY SYSTEMS

Conspicuity Tape
2" x 150' Roll
11" Red, 7" White
3 Year Warranty!
Part No. 1012568



Conspicuity Tape

Truck-Lite®

For Continuous Side Pattern or Multiple Vehicle Applications	
White, 2" x 150' Roll	**Part No. TL98100**
Red/White, 2" x 150' Roll	**Part No. TL98101**
For Non-Continuous Side Pattern Applications	
Red/White, 2" x 18" Strip	**Part No. TL98104**
White, 2" x 12" Strip	**Part No. TL98105**
Reflexite Conspicuity Tape	
2" x 150' Conspicuity Tape Roll	**Part No. 1012576**
11" Red, 7" White 3 Year Warranty!	

Reflective Strips

Betts Since 1868

Straight Reflective Strips
Part No. RT25

Angled Reflective Strips
Part No. RT35

FLEET ENGINEERS INCORPORATED

Straight Reflective Strips
Part No. 033-04259

Angled Reflective Strips
Part No. 033-04263

Best Reflective for Increased Nightime Visibility, These Reflective Strips Meet the Federal Motor Vehicle Safety Standards for Retro-Reflective Material. Fits Competitive Flap Hangers.

WARNING AND EMERGENCY LIGHTS AND STROBES

2 Sealed Beams ROTO-BEACON®
- 12V, yellow lens
- Clutched gearbox design
- sealed, permanently lubricated gear box
- revolves 360 degrees
- 60-120 flashes per minute

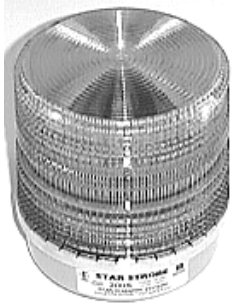
Part No. GR76223

Grote

Truck-Lite®

Incandescent Revolving Beacon
- 12.5V, yellow lens
- Bulb #1195 RP-11 bayonet
- 7" High, 6" Base
- Rugged polycarbonate/cast alum. construction
- 85 flashes per minute

Part No. TL92603Y

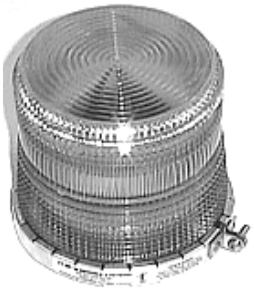


STAR SINCE 1889

Medium Profile Strobe
- Yellow lens
- Under 6 inches high, 5.5" dia.
- Easy maintenance
- Sealed power supply

Singleflash, 12, 24, 36, 48, 72V
Part No. 200S
Quadflash, 12/24V
Part No. 200SQ

STAR SINCE 1889



Starburst™ Low Profile Strobes
- Yellow lens
- 3⅞" high, 4" diameter
- Diecast base, 12, 24, 36V
- Singleflash

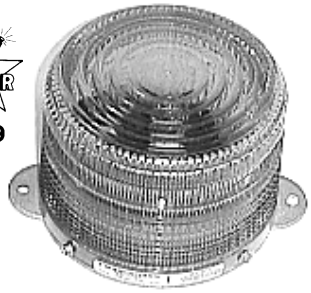
Surface or pipe mount:
Part No. 200Z
Magnetic mount & eye shield:
Part No. 200ZM

STAR SINCE 1889

Medium Profile
Flange Base Quadflash
- Yellow lens, 5½" high, 5½" dia.
- Universal anodized aluminum mounting base
- Computer designed optics
- Quadflash[1], 12, 24V

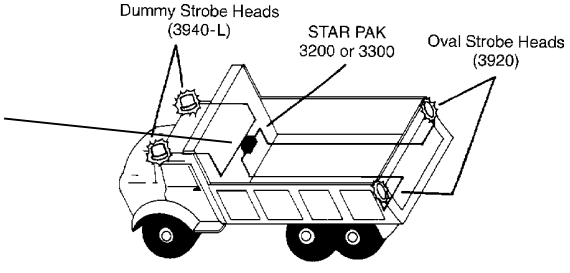
Part No. 240CFQ
[1]Approval: SAE J1318 Class 1/2/3

STAR SINCE 1889



Low Profile
Flange Base Quadflash
- Yellow lens, 4" high, 5½" diameter
- Universal mounting die cast base
- Computer designed optics
- 12, 24V
- Quadflash[1]

Part No. 240SFQ-A
[1]Approval: SAE J1318 Class 1/2/3



STARPAKTM 3200
Remote Power Supply
Provides Super-Bright Flash Power to your choice of 1, 2, 3 or 4 remote strobe heads. High performance with compact design. Reverse polarity protected plus overvoltage protection circuit. STAR-PAK 3200 uses only 3.2 amps peak draw for 21 joules per doubleflash per head. 40 watts.
Part No. RP320

STAR SINCE 1889

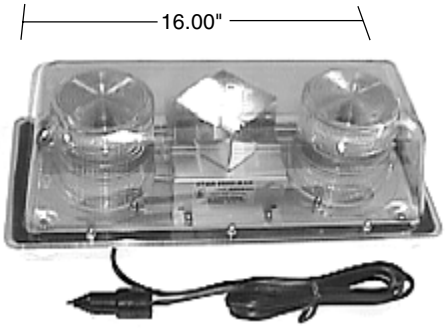
STAR SINCE 1889

Flange Base Quad Flash
Amber Strobe, 12-24V DC
7-1/2" High,
7-1/2" Diameter Base

Part No. 200CFQ

WARNING AND EMERGENCY LIGHTS AND STROBES

STAR Mini-Bars



9200SMQ Shown

SINCE 1889

- STAR attention-getting power and reliability
- Two internal "V" mirrors to enhance flashes
- Quiet operation

Mini-Bar with two 15 joule **Quadflashing** Strobeheads
Part No. 9200SQ

Mini-Bar with two 15 joule **Quadflashing** Strobeheads, with magnetic mount.
Part No. 9200SMQ-A

Mini-Bar with dual rotating **55 watt halogen bulbs**
Part No. 9200H

Mini-Bar with dual rotating **55 watt halogen bulbs**, with magnetic mount.
Part No. 9200HM

FIREBOLT
2 joule power supply, 12 to 72VDC. Applications: forklifts, electric vehicles, industrial trucks & equipment. Tough, impact resistant polycarbonate lens and housing. 3-5/8" high, 5" diameter base. Includes mounting hardware. (3 bolts)
Amber: Part No. 220100-02
Clear: Part No. 220100-05

PULSATOR 451
5 joule power supply, 12 to 48VDC. Applications: Snowplows, highway vehicles.
Enclosed polycarbonate base. 4" tall, 6-1/2" diameter.
Amber: Part No. 211680-02
Clear: Part No. 211680-05

PULSATOR 551
Features 5 joule power supply, 12 to 48VDC. Applications: dump trucks, crawlers, loaders. 6" tall, 6-1/2" diameter polycarbonate base. Includes mounting hardware.
Amber: **Part No. 211681-02**

MODEL 651
Features 8 joule power supply, 12 - 48VDC. Applications: Snowplows, highway vehicles, school buses, cranes. Anodized aluminum base with polycarbonate lens. 5-3/4" high, 6-5/8" diameter. Amber lens.

Single Flash: **Part No. 420200-02**

MODEL 851
An 8 joule power supply operates on 12-24VDC. Applications: Tow trucks, farm equipment, front loaders. Anodized aluminum base, polycarbonate lens. 7.50" high, 6.625" diameter base. Amber lens.
Double Flash: Part No. 420400-02
Single Flash: Part No. 420401-02

TARGET TECH
FEDERAL SIGNAL CORPORATION

WARNING AND EMERGENCY LIGHTS AND STROBES

Firebolt® Plus Strobe
Features modular power supply with replaceable flash tube. 12 to 72VDC. Enclosed base with all mounting hardware. 3.625" high, 5.00" diameter.

Part No. 220200-02 Amber Lens

Model 401
Low profile, reverse polarity protection. Isolated ground that enables both negative and positive ground installation. Rubber base absorbs vibration. $5^{11}/_{16}$" high, $5^{7}/_{8}$" diameter
12-48VDC, single flash. Amber lens.
Part No. 220300-02

Model 901
Compact high intensity 16 joule strobe. Features a helical flash tube for increased light intensity. Polycarbonate lens and dust covers are standard.
5.75" high, 6.625" diameter
12-48VDC, amber lens.
Part No. 211740-02 double flash

Model 1602
16 joules. Double flash with reverse polarity protection. Clear and amber lens meet all specifications of Title 13, article 22 of California Administrative code. Polycarbonate lens and dust cover, anodized aluminum base.
8.00" high, base diameter 8.50"
Part No. 420900-02

REPAIR PARTS

Description	Model	Part No.
Lenses:	851	**200775-95**
Strobe Base Mounting Options		
Aluminum magnetic bottom w/cigarette lighter plug 851	210050, Firebolt®	**210728**
Polycarbonate Enclosed Bottom	401, 651, 851, 901, 951	**210830**
Polycarbonate Flanged Bottom	401, 651, 851, 901, 951	**210840**
Aluminum Flush Enclosed Bottom	401, 651, 851, 901, 951	**210846**
Polycarbonate magnet mounting kit includes magnet, cigarette	Pulsator 451, 551	**210890**
lighter plug w/10' cord, bottom and mounting hardware		
Power Supply		
Power supply, 12-48V, double flash	651, 851, 851RR	**211052-95**
Power supply, 12-48V, single flash	Pulsator 451, 551	**211450-95**
Flash Tubes		
Flash tube	Pulsator 451	**439411-95**
Flash tube	Pulsator 551	**439290-95**
Flash tube	602	**211200-95**
Flash Tube	Firebolt	**211300-95**
Flash Tube	851, 851RR	**211400-95**

NOTE: THIS IS THE EXTENT OF REPAIR PARTS INVENTORY AT THE TIME OF PRINTING. SOME CHANGES MAY HAVE BEEN MADE SINCE THAT TIME, ADDING OR DELETING FROM THIS LIST. WE WILL GLADLY SPECIAL ORDER ANY PARTS NOT LISTED HERE.

HADLEY AIR HORNS AND ACCESSORIES

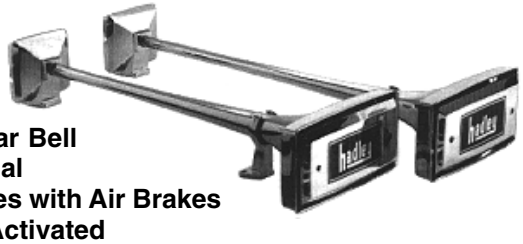
Air horn kits and accessories are designed for vehicles with or without air brakes. When ordering, make sure you are specifying the right kit for the application you require.If the vehicle has air brakes, with a built-in air supply, your kit will feature manual, lanyard valve activation. Choose the horn you want and order it by its kit number. You will receive everything needed for installation. For vehicles without air brakes, you have the option of either an electric or vacuum compressor and either solenoid or manual lanyard activation. When you order a kit for a vehicle without air brakes, choose the style, then order by kit number that has the compressor and activation options you want.

All Horns Listed In These Kits Can Be Purchased Separately

For Vehicles With Air Brakes

Rectangular Bell
The Original
For Vehicles with Air Brakes
Lanyard Activated
Horn Dimensions:
29" L x 8 1/2" W x 4 3/4" H
29" L x 8 1/2" W x 4 3/4" H All chrome twin single horns
Kit No. H981
Kit Includes: H978, H977 Horns, H755VE Manual Lanyard Valve, H13110-11 1/4" O. D. Nylon Tubing 13', HPB859-0, HPB977-11 Parts Bags

For Vehicles With Air Brakes



Rectangular Bell
The Original
For Vehicles with Air Brakes
Solenoid Activated
Horn Dimensions:
29"L x 8 1/2"W x 4 3/4"H
26" L x 8 1/2"W x 4 3/4"H All chrome twin single horns
Kit No. H981D
Kit Includes: H978, H977 Horns, H550A Remote Solenoid, Valve, H13110-13 1/4" O. D. Nylon Tubing 20', HPB859-2, HPB977-11 Parts Bags

For Vehicles Without Air Brakes

Rectangular Bell
For Vehicles without Air Brakes
Electric Compressor - Solenoid Activated
Horn Dimensions: 20"L x 8 1/2"W x 4 3/4"H
All chrome twin single horns
Kit No. H984B
Kit Includes: H984 Horns, H852EC 12V Electric Compressor, H751N Air Tank 5" x 14", H550B Solenoid, H12949 Toggle Switch, H13110-13 1/4" O. D. Nylon Tubing 20', H891D Aug. Air Fill Hose 50', H14212 Air Gauge, HPB977-11, HPB977-5 Parts Bags

For Vehicles Without Air Brakes

Rectangular Bell
For Vehicles without Air Brakes
Electric Compressor - Solenoid Activated
Horn Dimensions:
29"L x 8 1/2"W x 4 3/4"H
26"L x 8 1/2"W x 4 3/4"H All chrome twin single horns
Kit No. H977N
Kit Includes: H978, H977 Horns, H852EC 12V Electric Compressor, H751N Air Tank 5" x 14", H550B Solenoid, H12949 Toggle Switch, H13110-13 1/4" O. D. Nylon Tubing 20', H891D Aug. Air Fill Hose 50', H14212 Air Gauge, HPB977-11, HPB977-5 Parts Bags

Sav-A-Life Deer Alert™
The Sav-A-Life device mounts easily onto the bumper, grill, or other part of the front end of a vehicle with its self adhesive backing. Emits ultrasonic sound waves which safely warn most animals - yet you hear nothing. Starts working at 30 MPH. Sold in pairs. Adjusts to be level with roadway.
Part No. 106259

HADLEY AIR HORNS AND ACCESSORIES

For Vehicles Without Air Brakes

Bully™
Dual Horn Kit
Electric Compressor - Solenoid Activated
Horn Dimensions: 151/4" L x 7" W x 3 3/4" H
Black body, chrome projectors and cover, dual horn
Kit No. H961EA
Kit contains: H910CA Horns, H852EC 12V Electric Compressor, H626 Air Tank 5" x 7", H550B Solenoid, H12949 Toggle Switch, H13110-131/4" Nylon Tubing, 20', H891H Aux. Air Fill Hose, 25', H14212 Air Gauge, HPB641-4 Parts Bag

For Vehicles With Air Brakes

TrafikMaster™
Dual Projector Horn
Horn Length : 14-1/4"
Black finish, 910SS Diaphragm Service Kit
Kit No. H640R

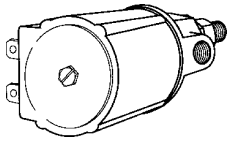
For Vehicles With Air Brakes

Chrome Plated Horn
Lanyard Activated
Horn Dimensions: 15-5/16" L x 7" W x 3 3/4" H
Kit No. H910CA

For Vehicles With Air Brakes

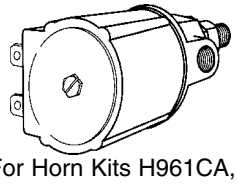
Chrome Plated Horn Kit
Lanyard Activated
Horn Dimensions: 15-5/16" L x 7" W x 3 3/4" H
Black body, chrome projectors, dual horn
Kit No. H900CA
Kit contains: H910CA Horns,H00755N Lanyard Valve, H131110-2 Nylon Tubing

Solenoid Kit
Remote Mount



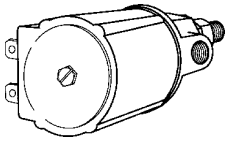
For Horn Kit H981D
Part No. H550A

Solenoid Kit
Tank Mount



For Horn Kits H961CA, H961EA, H977N, H859E. Direct installation on small or large air tank.
1/8" NPT x 1/4" tubing
Part No. H550B

Solenoid
Horn Mount



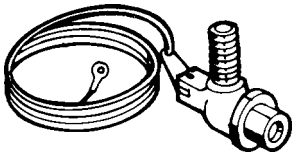
Solenoid for mounting directly between projectors.
1/4" O. D. tubing.
For H964, H964EC, H964EAV
Part No. H550C

Brass Compression Fitting, 90 Deg. Elbow

Use if headliner is 1/2" or less. 1/4" O. D. tubing x 7/16"-24 horn mounting.
Part No. H11477S

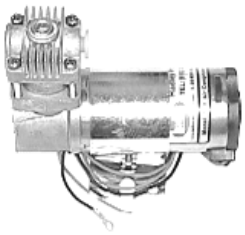
HADLEY AIR HORNS AND ACCESSORIES

Manual Lanyard Valve (Remote Mount)



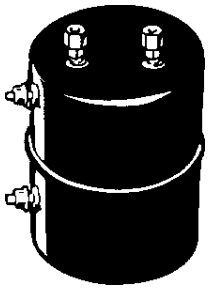
For Horn Kits H859, H981
Part No. H755VE

Compressor Kit



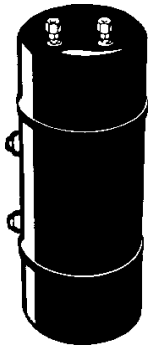
Compressor and parts kit for complete installation.
Part No. H850EC

Air Tank



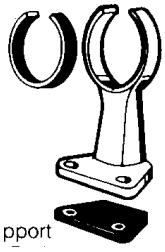
Bully kits. 5" x 7", 137 Cubic inch.
Part No. H626

Air Tank



Ambassador and Bruiser kits.
5" x 14", 275 cubic inch.
Part No. H751N

Chrome Projector Support (Open Top)



Includes fiber pad and rubber grommet.
Part No. H13723S

Pressure Switch

For Bully. For 12V electric compressor 120 - 150 psi.
Part No. H13940S

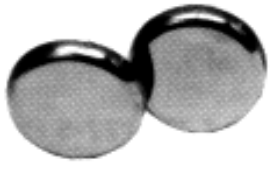
Air Gauge (160 PSI)

Safely monitor the pressure in a supply tank
Part No. H14212S

Manual Lanyard Valve

Releases air from supply tank without electrical hookup. All brass with tension washers and compression fittings.
Part No. H755NS

Snow & Bug Shields Stainless Steel to Protect Horns from the Elements



Bell sizes 3¾" or 4". Stainless steel to protect horns from the elements.
Part No. H926

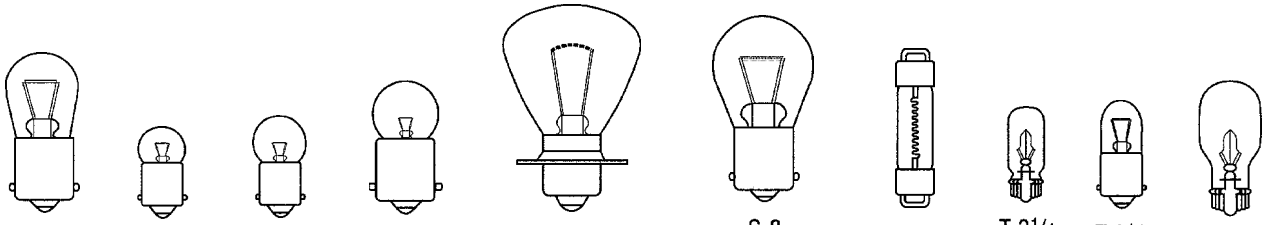
Spray Shield Stainless Steel to Protect Horns from the Elements

5"-6" Horn Cover
Stainless steel to protect horns from the elements.
Part No. H927

FLEETCRAFT MINIATURE BULBS

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

MINIATURE LIGHT BULBS

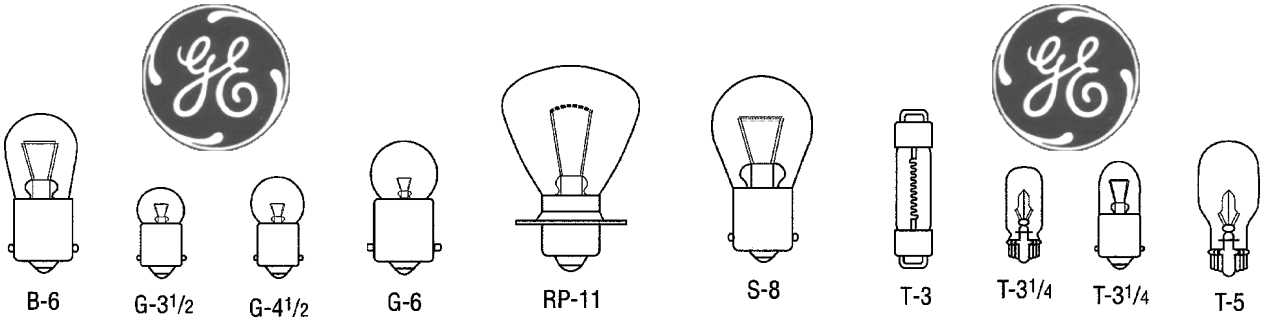


Lamp Trade No.	Bulb	Service and Special Description	Design Volts	Design Amps	Rated Ave. Life (Hrs)	Base	Overall Length
FC37	T-1 3/4	Auto	14.00	.09	1500	Wedge	.800
FC53	G-3 1/2	Auto and Indicator	14.40	.12	1000	Min. Bay.	.937
FC57	G-4 1/2	Auto	14.00	.24	500	Min. Bay.	1.063
FC67	G-6	Auto	13.50	.59	5000	S.C. Bay.	1.437
FC89	G-6	Auto	13.00	.58	750	S. C. Bay.	1.437
FC97	G-6	Auto	13.50	.69	5000	S. C. Bay.	1.437
FC194	T-3 1/4	Auto	14.00	.27	3500	Wedge	1.063
FC194A	T-3 1/4	Auto	14.00	.27	3500	Wedge	1.063
FC198	S-8	Auto	12.80	2.25	1500	D. C. Index	2.000
FC199	S-8	Auto	12.80	2.25	1500	S. C. Bay.	2.000
FC561	T-3	Auto	12.80	.97	1000	Dble Wedge	1.719
FC562	T-3	Auto	14.00	.97	1000	Dble Wedge	1.719
FC912	T-5	Auto	12.80	1.00	1000	Wedge	1.500
FC1003	B-6	Auto	12.80	.94	200	S. C. Bay.	1.750
FC1004	B-6	Auto and Marine	12.80	.94	200	D. C. Bay.	1.750
FC1076	S-8	Auto	12.80	1.80	200	D. C. Bay.	2.000
FC1141	S-8	Auto	12.80	1.44	1000	D. C. Bay.	2.000
FC1156	S-8	Auto	12.80	2.10	1200	S. C. Bay.	2.000
FC1157	S-8	Auto	12.80	2.10	1200	D. C. Index	2.000
FC1157NA	S-8	Auto	12.80	2.10	1200	D. C. Index	2.000
FC1445	G-3 1/2	Auto	14.40	.18	2000	Min. Bay.	.938
FC1889	T-3 1/4	Auto	14.00	.27	3500	Min. Bay.	1.188
FC1893	T-3 1/4	Radio	14.00	.33	7500	Min. Bay.	1.188
FC1895	G-4 1/2	Auto	14.00	.27	3500	Min. Bay.	1.188
FC3157	S-8	Auto	12.80	2.10	1200	D. C. Wedge	2.120
FC3157A	S-8	Auto	12.80	2.10	1200	D. C. Wedge	2.120

HALOGEN HEADLAMP BULBS

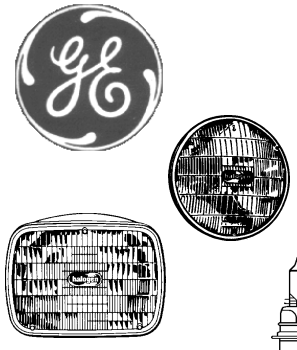
Replaceable Halogen Headlamp Bulbs					
Lamp* Trade No.		**Design Volts**	**Design Watts**	**Rated Ave. Life (Hrs)**	**Base**
FC9004	High/Low beam	12.80	65.00	150	Special
			45.00	320	
9006	Low Beam	12.80	55.00	320	Special
9007		12.80	65.00	150	Special
			55.00	320	

MINIATURE BULBS

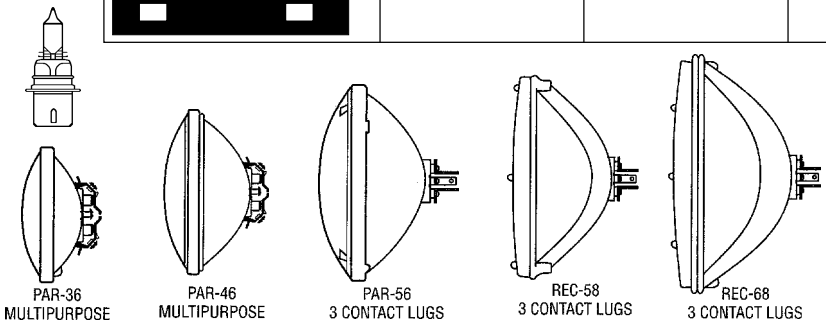


Lamp Trade No.	Bulb	Service and Special Description	Design Volts	Design Amps	Rated Ave. Life (Hrs)	Base	Overall Length
L37	T-1 3/4	Auto	14.00	.09	1500	Wedge	.800
L53	G-3 1/2	Auto and Indicator	14.40	.12	1000	Min. Bay.	.937
L57	G-4 1/2	Auto	14.00	.24	500	Min. Bay.	1.063
L67	G-6	Auto	13.50	.59	5000	S.C. Bay.	1.437
L73	T-1 3/4	Auto	14.00	.08	15,000	Wedge	.800
L74	T-1 3/4	Auto	14.00	.10	500	Wedge	.800
L89	G-6	Auto	13.00	.58	750	S. C. Bay.	1.437
L93	S-8	Auto	12.80	1.04	700	S. C. Bay.	2.000
L94	S-8	Auto and Marine	12.80	1.04	700	D. C. Bay.	2.000
L97	G-6	Auto	13.50	.69	5000	S. C. Bay.	1.437
L105	B-6	Auto	12.80	1.00	1200	S. C. Bay.	1.750
L168	T-3 1/4	Auto	14.00	.35	1500	Wedge	1.063
L193	T-3 1/4	Auto	14.00	.33	75,000	Wedge	1.063
L194	T-3 1/4	Auto	14.00	.27	3500	Wedge	1.063
L198	S-8	Auto	12.80	2.25	1500	D. C. Index	2.000
L199	S-8	Auto	12.80	2.25	1500	S. C. Bay.	2.000
L211-2	T-3	Auto	12.80	.97	1000	Dble End Cap	1.719
L293	G-4 1/2	Auto	14.00	.33	7500	Min. Bay.	1.063
L561	T-3	Auto	12.80	.97	1000	Dble Wedge	1.719
L795	T-4	Signal	12.80	3.91	200	S. C. Bay.	2.500
L899	T-3 1/4	Auto Fog	12.80	2.93	1900	Axial,Plastic	2.680
L904	T-5	Auto	13.50	.69	5000	Wedge	1.500
L906	T-5	Auto	13.00	.69	1000	Wedge	1.500
L912	T-5	Auto	12.80	1.00	1000	Wedge	1.500
L1003	B-6	Auto	12.80	.94	200	S. C. Bay.	1.750
L1004	B-6	Auto and Marine	12.80	.94	200	D. C. Bay.	1.750
L1076	S-8	Auto	12.80	1.80	200	D. C. Bay.	2.000
L1141	S-8	Auto	12.80	1.44	1000	D. C. Bay.	2.000
L1156	S-8	Auto	12.80	2.10	1200	S. C. Bay.	2.000
L1157	S-8	Auto	12.80	2.10	1200	D. C. Index	2.000
L1157NA	S-8	Auto Amber	12.80	2.10	1200	D. C. Index	2.000
L1195	RP-11	Auto	12.50	3.00	300	S. C. Bay.	2.250
L1445	G-3 1/2	Auto	14.40	.18	2000	Min. Bay.	.938
L1662	S-8	Construction Equip.	28.00	.93	400	D. C. Index	2.000
L1816	T-3 1/4	Aviation and Auto	13.00	.33	1000	Min. Bay.	1.188
L1889	T-3 1/4	Auto	14.00	.27	3500	Min. Bay.	1.188
L1891	T-3 1/4	Auto Radio & Indicator	14.00	.24	500	Min. Bay.	1.188
L1893	T-3 1/4	Radio	14.00	.33	7500	Min. Bay.	1.188
L1895	G-4 1/2	Auto	14.00	.27	3500	Min. Bay.	1.188
L2057	S-8	Auto	12.80	2.10	1200	D. C. Index	2.000
L3057	S-8	Auto	12.80	2.10	1200	D. C. Wedge	2.120
L3057NA	S-8	Auto	12.80	2.10	1200	D. C. Wedge	2.120
L3156	S-8	Auto (Repl. 2356/2456)	12.80	2.10	1200	S. C. Wedge	2.120
L3157	S-8	Auto (Repl. 2359/2458)	12.80	2.10	1200	D. C. Wedge	2.120

SEALED BEAMS

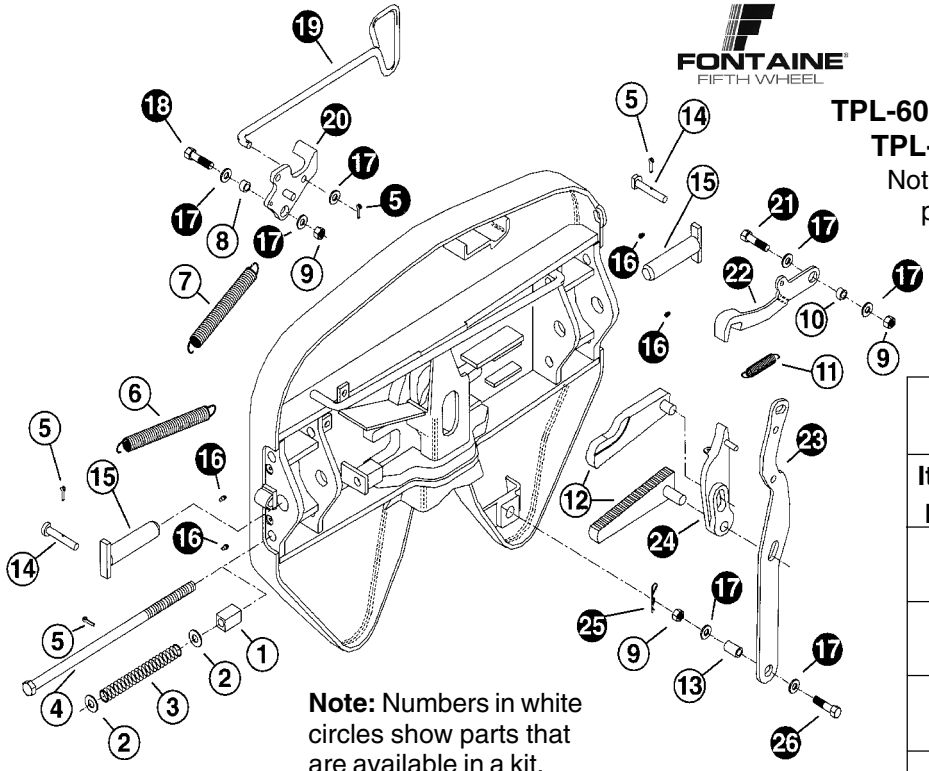


System Configuration	System Type	Halogen	Original
	2 Lamp Round	H6017	6012, 6014, H6014, 6015, 6016, H6024
	4 Lamp Round	H5006, H5001	Low= 4000, High=4001, 5001, H4001
	2 Lamp Rect.	H6054	6052, H6052, HP6054
	4 Lamp Rect.	H4656, H4651	Low= 4652, HP4656, High= 4651, HP4651



Lamp Trade No.	Bulb	Service and Special Description	Design Volts	Design Watts PR Amps	Rated Ave. Life (Hrs)	Base
4000	PAR-46	Auto headlamp low bream 4 headlamp round system	12.80	37.5	200	3 Lugs
L4405	PAR-36	Auto Spot	12.80	30.0	100	M-P
L4411	PAR-36	Auto Tractor	12.80	35.0 Nom	300	M-P
L4412	PAR-46	Auto Fog	12.80	35.0	300	M-P
L4412A	PAR-46	Auto Fog Amber	12.80	35.0	300	M-P
L4415A	PAR-36	Auto Fog Amber	12.80	35.0	300	M-P
L4416	PAR-36	Auto Spot	12.80	30.0	300	M-P
L4421	PAR-46	Auto Special Service	13.00	100.0	300	M-P
L4509	PAR-36	Aviation Landing	13.00	100.0	25	M-P
L4531	PAR-46	Auto Mil. Headlamp	12.50	40.0	400	M-P
L4537	PAR-46	Aviation Landing	13.00	100.0	25	M-P
4651	REC-58	Auto Headlamp High Beam 4 Lamp Rectangular System	12.80	50.0	200	2 Lugs
H4651	REC-58	Auto Headlamp High Beam 4 Lamp Rect. System (Halogen)	12.80	50.0	200	2 Lugs
4652	REC-58	Auto Headlamp Low Beam 4 lamp Rectangular System	12.80	60.0	200	3 Lugs
H4656	REC-58	Auto Headlamp Low Beam 4 Lamp rect. System (Halogen)	12.80	35.0	200	3 Lugs
5001	PAR-46	Auto Headlamp High Beam 4 Lamp Round System	12.80	50.0	200	2 Lugs
L4001	PAR-46	Auto Headlamp High Beam Round System (Halogen)	12.80	50.0	200	2 Lugs
H5006	PAR-46	Auto Headlamp Low Beam Round System (Halogen)	12.80	35.0	200	3 Lugs
6014	PAR-56	Auto Headlamp 2 Lamp Round System	12.80	60.0	200	3 Lugs
6015	PAR-56	Truck - Heavy Duty Headlamp	12.80	60.0	300	3 Lugs
H6024	PAR-56	Auto Headlamp Round 2 Lamp System (Halogen)	12.80	60.0	200	3 Lugs
6052	REC-68	Auto Headlamp Rectangular 2 lamp System	12.80	65.0	150	3 Lugs
H6054	REC-68	Auto Headlamp Rectangular 2 Lamp System (Halogen)	12.80	65.0	150	3 Lugs

FONTAINE NO-SLACK II® 6000 SERIES TOP PLATE



Note: Numbers in white circles show parts that are available in a kit.

No-Slack II
6000 Series Top Plate
TPL-6000L (Left Side Release Shown)
TPL-6000R (Right Side Release)

Note: Numbers in white circles show parts that are available in a kit.

*Specify left side or right side release by adding an L or R after Part number

KIT-RPR-6000* No-Slack II Repair Kit		
Item No.	**Description**	**Qty.**
6	Bumper Spring	1
7	Handle Spring	1
8	Bushing, 7/16"	1
9	Hex Lock Nut, 1/2"-13	3
10	Bushing, 5/16"	1
11	Timer Spring	1
12	Step Jaw and Wedge Set	1

Item No.	Description	Part No.	Qty.		Item No.	Description	Part No.	Qty.
1	Wedge Stop Rod Nut	**NUT-319**	1		14	Bracket Retainer Pin	**PIN-124P**	2
2	Flat Washer, 5/8"	**WSH-304-5**	2		15	Bracket Pin	**PIN-6000**	2
3	Wedge Stop Rod Spring	**SPR-317**	1		16	Grease Fitting	**MSC-375**	4
4	Wedge Stop Rod	**KIT-ROD-1108**	1		17	Flat Washer, 1/2" ID, 1 3/8" OD	**WSH-304-4**	7
5	Cotter Pin, 3/16" x 1	**PIN-165**	4		18	Hex Head Bolt, 1/2-13 x 1 1/2"	**BLT-302-13**	1
6	Bumper Spring	**SPR-128**	1		19	Pull Handle	**PUL-6000P***	1
7	Handle Spring	**SPR-338**	1		20	Secondary Lock	**LAT-6000***	1
8	Bushing, 7/16"	**BSH-115**	1		21	Hex Head Bolt, 1/2-13 x 1 3/4"	**BLT-302-14**	1
9	Hex Lock Nut, 1/2"-13	**NUT-303-9**	3		22	Bumper	**BPR-6000***	1
10	Bushing, 5/16"	**BSH-629**	1		23	Operating Handle	**OPR-6000**	1
11	Timer Spring	**CD-SPR-236**	1		24	Timer	**TMR-6000***	1
12	Step Jaw and Wedge set	**WED-6000***	1		25	Hair Pin Cotter	**PIN-336-1**	1
13	Bushing	**BSH-1225**	1		26	Hex Head Bolt, 1/2-13 x 2 1/4"	**BLT-302-67**	1

Part No. BSH-150
Bracket Bushing (one pair)
(Various Brackets)

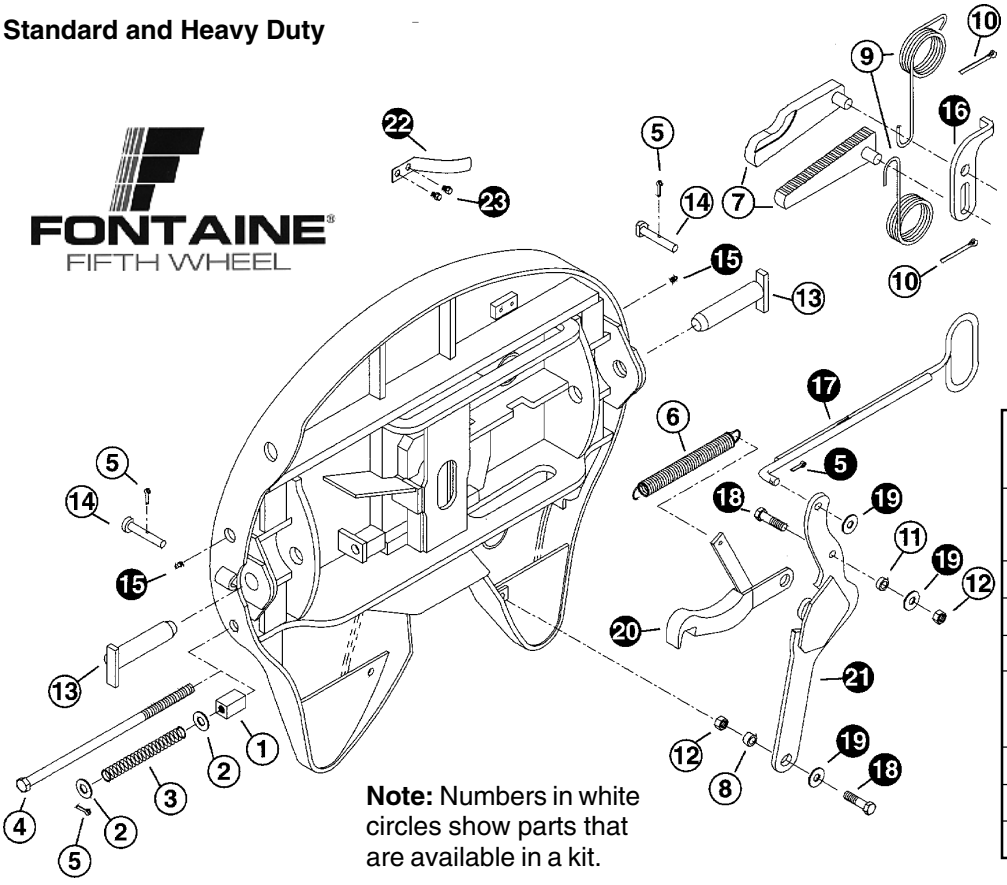
Part No. KIT-PIN-6000 6000 Series Pin and Bushing Kit		
Item No.	**Description**	**Qty**
5	Cotter Pin, 3/16" x 1	2
14	Bracket Retainer Pin	2
15	Bracket Pin	2
	Bracket Bushing (pr.)	1

Part No. KIT-ROD-1108 Wedge Stop Rod Kit		
Item No.	**Description**	**Qty.**
1	Wedge Stop Rod Nut	1
2	Flat Washer, 5/8"	2
3	Wedge Stop Rod Spring	1
4	Wedge Stop Rod	1
5	Cotter Pin, 3/16" x 1"	1

Part No. KIT-BPR-6000L 6000 Series Bumper Kit		
Item No.	**Description**	**Qty**
22	Bumper	1
21	Bolt 1/2"-13	1
10	Bushing	1
9	Nut	1
6	Bumper Spring	1
17	Washer - Flat 1/2" ID	2

FONTAINE NO-SLACK® 5092 SERIES TOP PLATE

Standard and Heavy Duty



Note: Numbers in white circles show parts that are available in a kit.

This Style Head is no longer available. Replace with TPL-6000 Series

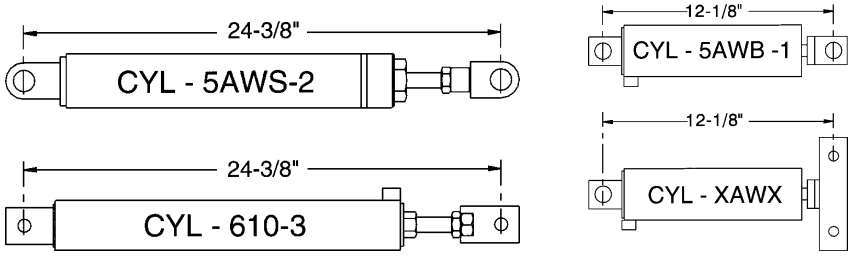
*Specify left side or right side release by adding an L or R after Part number

KIT-RPR-5092* No-Slack II Repair Kit		
Item No.	**Description**	**Qty.**
6	Bumper Spring	1
7	Handle Spring	1
8	Bushing, 7/16"	1
9	Hex Lock Nut, 1/2"-13	3
10	Cotter Pin	1
11	Bushing	1
12	Hex Lock Nut	1

Item No.	Description	Part No.	Qty.		Item No.	Description	Part No.	Qty.
1	Wedge Stop Rod Nut	**NUT-319**	1		13	Bracket Pin	**PIN-135P**	2
2	Flat Washer, 5/8"	**WSH-304-5**	2		14	Bracket Retainer Pin	**PIN-124P**	2
3	Wedge Stop Rod Spring	**SPR-317**	1		15	Grease Fitting	**MSC-375**	2
4	Wedge Stop Rod	**ROD-1108**	1		16	Timer	**TMR-134***	1
5	Cotter Pin, 3/16" x 1	**PIN-165**	4		17	Pull Handle	**PUL-5092**	1
6	Bumper Spring	**SPR-128**	1		18	Hex Head Bolt, 1/2-13 x 2"	**BLT-302-15**	2
7	Step Jaw and Wedge Set	**WED-200-***	1		19	Flat Washer, 1/2" ID, 1 3/8" OD	**WSH-304-4**	3
8	Bushing, 7/16"	**BSH-115**	1		20	Bumper	**BPR-5092***	1
9	Jaw and Wedge Spring Set	**SPR-137-138**	1		21	Operating Handle	**OPR-5000-S***	1
10	Cotter Pin, 1/4" X 3"	**PIN-95**	2		22	Leaf Spring	**SPR-569**	1
11	Bushing, 5/16"	**BSH-629**	1		23	Self Tapping Screw, 1/4-20x 3/8"	**SCR-425**	1
12	Hex Lock Nut, 1/2"-13	**NUT-303-9**	2					

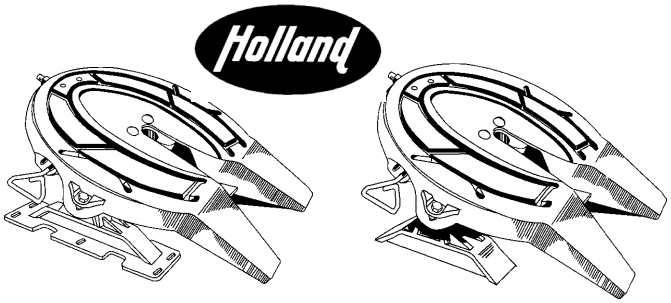
*Specify left side (L) for Driver's Side or right side (R) for passenger side by adding an L or R after Part number

FONTAINE AIR CYLINDER IDENTIFICATION



KIT-BPR-5092L 5092 Series Bumper Kit		
Item No.	**Description**	**Qty**
20	Bumper	1
18	Bolt	1
8	Bushing	1
12	Nut	1
6	Bumper Spring	1
19	Washer	2

FIFTH WHEEL ASSEMBLIES



FW35-7822XL FW35-7802XL

Note: All wheels not stocked are available as a special order.

Fifth Wheel Top Plates Available From Stock:

FleetMaster FW8 Series Fifth Wheels
Assembly Part No. XA-201-A-L-P
(Left Hand Release)

Top Plate Assemblies For
3500 (XA-351) Series Fifth Wheels

Assembly Part No. XA-351-03505
(Airlocks/Pocket Insert)
Rebuild Kit Part No. RK-351-03505

Assembly Part No. XA-351-A-L-P
(Left Hand Release)

Assembly Part No. XA-351-A-P
(Right Hand Release)

Assembly Part No. XA-3501-UB
(With Air Jaws)
Rebuild Kit Part No. RK-63502

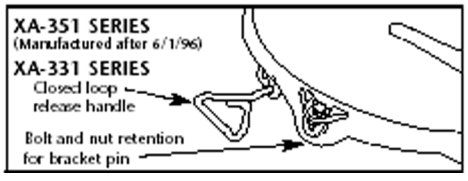
FleetMaster Stationary Fifth Wheel Models
With XA-201 Series Top Plate
Capacity: 45,000 lbs. Maximum Vertical Load
150,000 Maximum Drawbar Pull

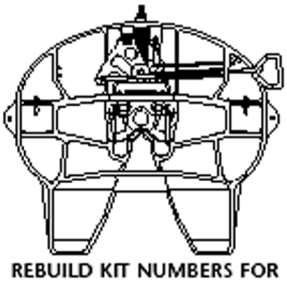
Model	Nominal FW Height	Approx. Weight	Replm't Bracket
Models With Mounting Base			
FW8-7801XL	8.69"	293	XA-7801
FW8-7802XL	7.69"	295	XA-7802
FW8-7803XL	6.69"	288	XA-7803
FW8-7804XL	5.59"	282	XA-7804
Models With Bracket for Angle Mounting			
FW8-7821XL	8.31"	260	XA-7821
FW8-7822XL	7.31"	262	XA-7822
FW8-7823XL	6.31"	256	XA-7823
FW8-7824XL	5.31"	249	XA-7824

3500 Stationary Fifth Wheel Models
With XA-351 Series Top Plate
Capacity: 55,000 lbs. Maximum Vertical Load
150,000 Maximum Drawbar Pull

Model	Nominal FW Height	Approx. Weight	Replm't Bracket
Models With Mounting Base			
FW35-7801XL	8.69"	313	XA-7801
FW35-7802XL	7.69"	315	XA-7802
FW35-7803XL	6.69"	308	XA-3503
FW35-7804XL	5.59"	302	XA-7804
Models With Bracket for Angle Mounting			
FW35-7821XL	8.31"	280	XA-7821
FW35-7822XL	7.31"	282	XA-7822
FW35-7823XL	6.31"	276	XA-7823
FW35-7824XL	5.31"	269	XA-7824

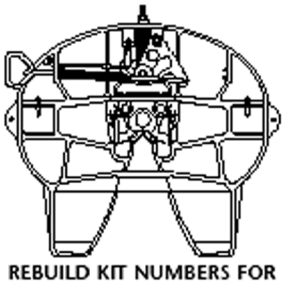
XA-3501 SERIES / XA-351 SERIES IDENTIFICATION





REBUILD KIT NUMBERS FOR
LEFT HAND (ROAD SIDE) RELEASE

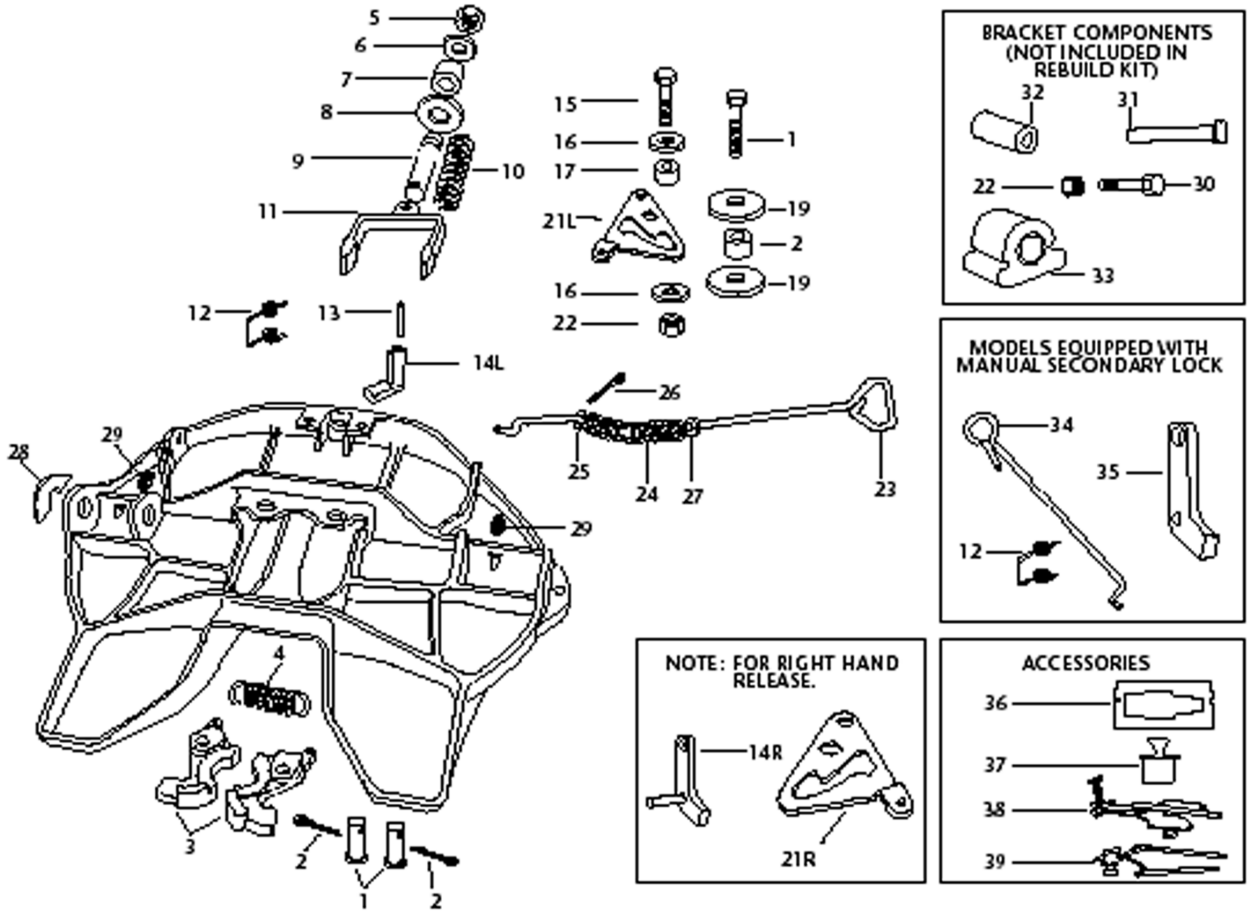
RK-351-A-L (w/Automatic Secondary Lock)
RK-351-A-02-L (w/Manual Secondary Lock)



REBUILD KIT NUMBERS FOR
RIGHT HAND (CURB SIDE) RELEASE

RK-351-A (w/Automatic Secondary Lock)
RK-351-A-02 (w/Manual Secondary Lock)

REBUILD KITS FOR HOLLAND XA-351 SERIES TOP PLATE ASSEMBLIES



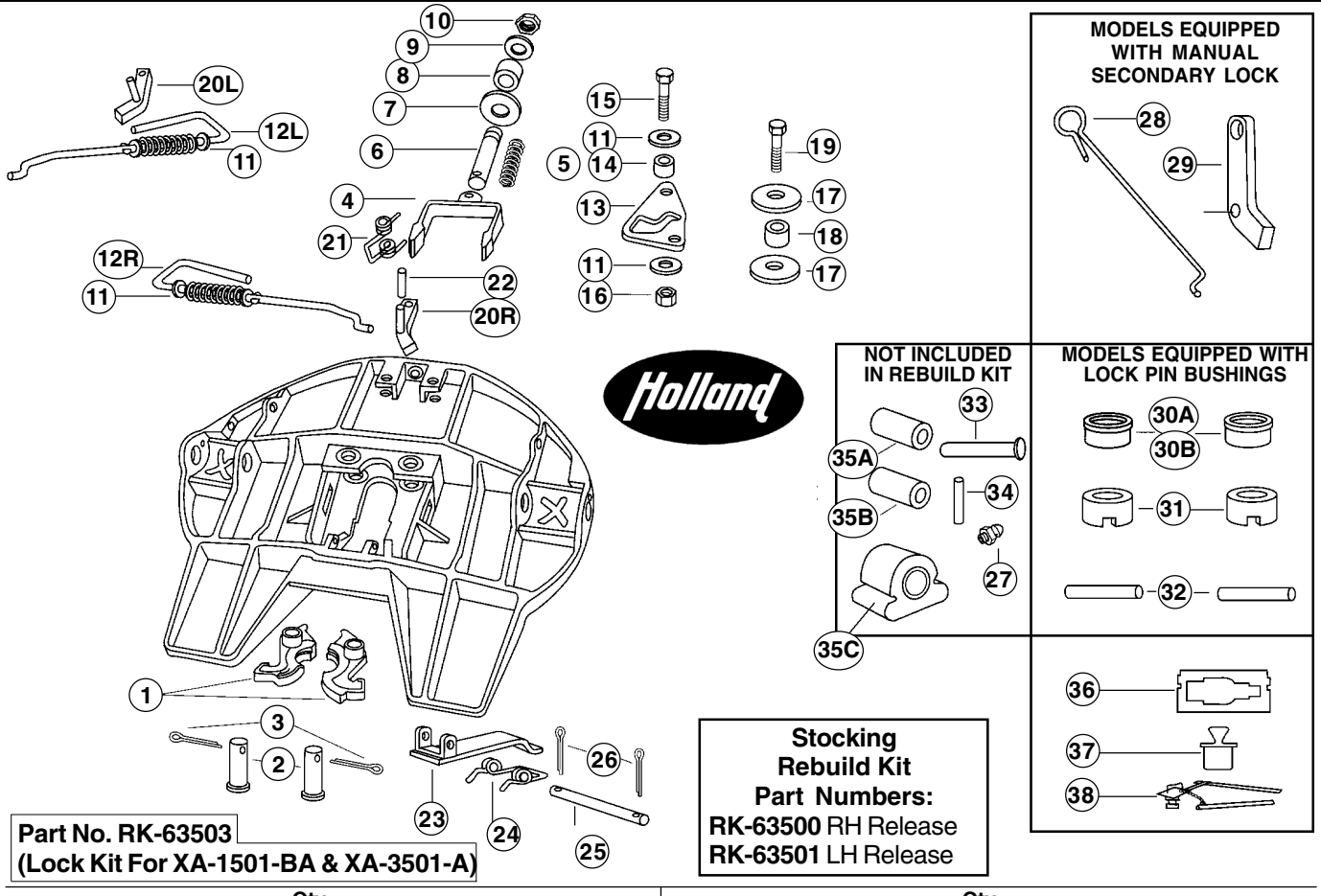
ITEM NO.	PART NO.	NO. REQ.	PART NAME
1	XA-07292-T	2	Lock Pin
2	XB-5	2	Cotter pin (1/4" x 2")
3	XA-07296	1	Lock jaw set
4	XB-07628	1	Extension spring
5	XB-HNH-34-F	1	Locknut (3/4"-16)
6	XB-PW-1316-112	1	Washer (1-1/2" O.D. x 13/16" I.D.)
7	XB-1127	1	Rubber washer
8	XB-02312	1	Lock adjustment tag
9	XA-1706	1	Yoke shaft
10	XB-1505	1	Compression spring
11	XA-07295	1	Yoke
12	XB-2149	1	Torsion spring
13	XB-21-S-500-2750	1	Roll pin (1/2" x 2-3/4")
14L	XA-3542-L	1	Secondary lock (left-hand)
14R	XA-3542-R	1	Secondary lock (right-hand)
15	XB-2083	1	Hex head cap screw (1/2"-20 x 1-3/4")
16	XB-08559	2	Washer (1-3/4" O.D. x 9/16" I.D.)
17	XA-1029	1	Roller (1/2" I.D.)
18	XB-CX-58-F-134	1	Hex head cap screw (5/8"-18 x 1-3/4")
19	XB-07431	2	Washer (2-5/8" x 21/32")
20	XA-1507	1	Roller (5/8" I.D.)

ITEM NO.	PART NO.	NO REQ.	PART NAME
21L	XA-07150-L	1	Cam plate (left-hand)
21R	XA-07150-R	1	Cam plate (right-hand)
22	XB-T-69-A	1	Locknut (1/2"-20) (2 addl. req'd. for brackets)
23	XA-07151-1	1	Release handle (universal for both left and right)
24	XB-07291	1	Compression spring
25	XB-PW-1732-1-116	1	Washer (1-1/16" O.D. x 5/8" I.D.)
26	XB-07508	1	Cotter pin (1/8" x 1-1/4")
27	XB-T-49	1	Washer (1-3/8" O.D. x 9/16" I.D.)
28	XB-07610	1	Operation tag
*** 29	XB-H-38	2	Grease zerk
* 30	XB-C-95	2	Hex head cap screw (1/2"-20 x 1-1/4")
* 31	XE-06356	2	Bracket pin
* 32	XB-1604-5	2	Rubber bushing (brackets mfg'd prior to 5/82)
* 33	XB-0011-2	2	Rubber bushing (brackets mfg'd after 5/82)
** 34	XA-3542-M	1	Manual secondary lock release handle
** 35	XA-3528	1	Manual secondary lock
* 36	TF-0110	1	Kingpin gage
* 37	TF-0237	1	2" Lock gage (plug)
* 38	TF-TLN-5001	1	Kingpin lock tester (New)
* 39	TF-TLN-1000	1	Kingpin lock tester (Old)

* Parts not included in rebuild kit (available from your local Holland distributor.)
** Parts included in rebuild kits RK-351-A-L-02 and RK-351-A-02.
*** Parts not present on XA-331 Series Low Lube Top Plates

Part No. RK-351-07296 Lock Kit
Part No. RK-06973-1 Bracket Pin & Cushion

REBUILD KITS FOR HOLLAND XA-3501 TOP PLATE ASSEMBLIES



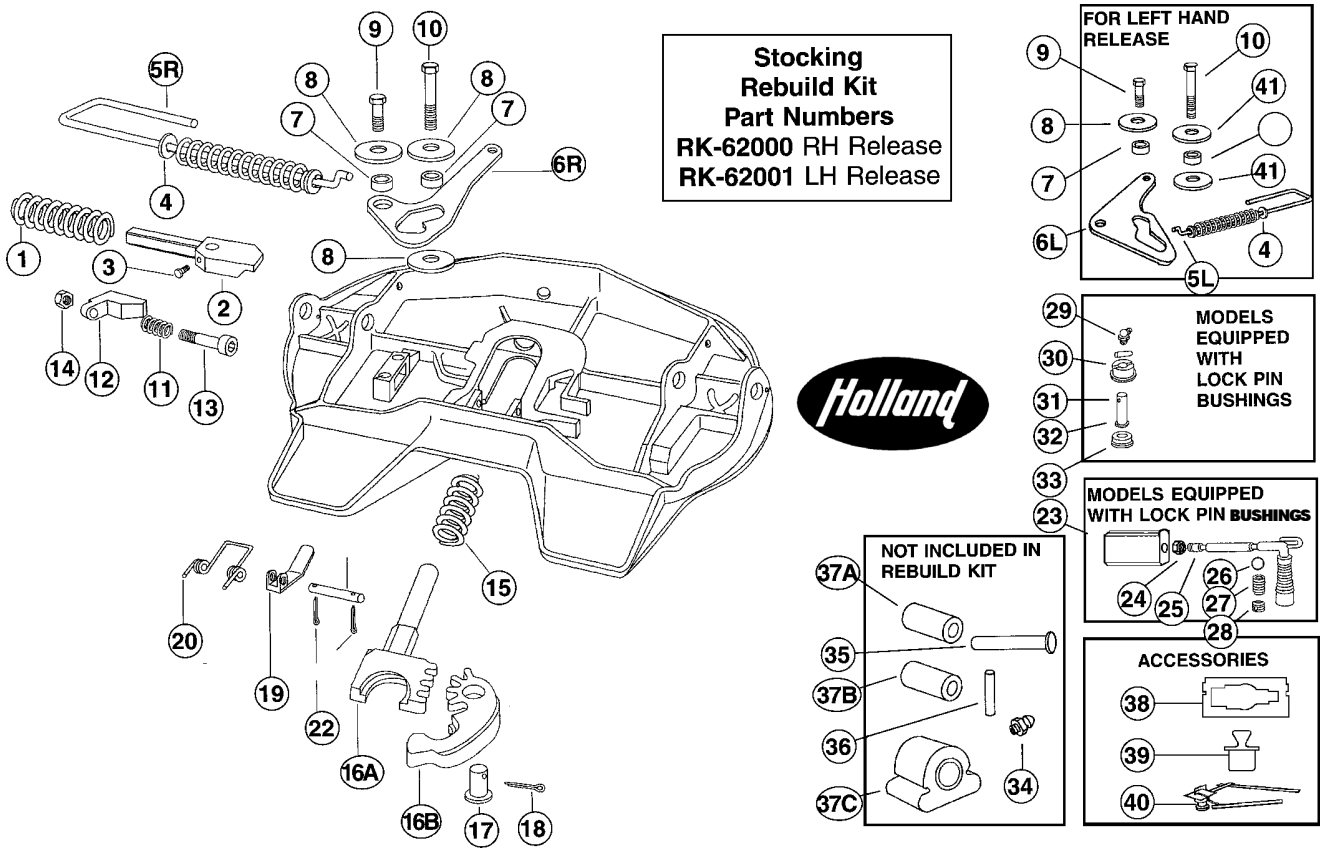
Part No. RK-63503
(Lock Kit For XA-1501-BA & XA-3501-A)

Stocking Rebuild Kit Part Numbers:
RK-63500 RH Release
RK-63501 LH Release

Item	Part No.	Qty. Req'd	Description
1	**RK-63503**	1	Lock Jaws
2	**XA-1313**	2	Lock Pin
3	**XB-5**	2	Cotter Pin 1/4" x 2"
4	**XA-1703-F**	1	Yoke Sub-Ass'y
5	**XB-1505**	1	Spring
6	**XA-1706**	1	Yoke Shaft
7	**XB-02312**	1	Lock Adjustment Tag
8	**XB-1127**	1	Rubber Washer
9	**XB-PW-1316-112**	1	Washer 1 1/2 OD x 13/16" ID
10	**XB-HNH-34-F**	1	Locknut 3/4"-16
11	**XB-T-49**	3	Washer 1 3/4" OD x 9/16" ID
12L	**RK-1707-M**	1	Left hand release handle sub-ass'y. (Part No. (11) must be installed on handle for complete assembly)
12R	**RK-1707-6**	1	Right hand release handle sub-ass'y. (Part No. (11) must be installed on handle for complete assembly)
13	**XA-1705-7**	1	Cam Plate
14	**XA-1029**	1	Roller
15	**XB-2083**	1	Bolt 1/2"-10 x 1 3/4"
16	**XB-T-69-A**	1	Locknut, 1/2"-20
17	**XB-1030-1**	2	Washer
18	**XA-1507**	1	Roller
19	**XB-CX-58-F-134**	1	Bolt 5/8"-18 x 1 3/4"
20L	**XA-3542-L**	1	Secondary Lock, LH
20R	**XA-3542-R**	1	Secondary Lock, RH
21	**XB-2149**	1	Torsion Spring
22	**XB-21-S-500-2750**	1	Roll Pin
23	**RK-05329**	1	Lock Guard
24	**XB-1044**	1	Torsion Spring
25	**XA-1055**	1	Pin
26	**XB-16**	2	Cotter Pin 1/8" x 1"
27	**XB-H-38**	2	Grease Fitting
*28	**XA-3542-M**	1	Manual secondary lock handle
*29	**XA-3528**	1	Manual Secondary Lock
**30	**XA-01241**	2	Lock Pin Bushing
**31	XA-01242	2	Lock Pin Bushing
**32	**XB-21-S-250-1875**	2	Roll Pin - MUST be used with part nos. (2) when wheel is equipped with lock pin bushings
***33	**XA-2016**	2	Bracket Pin
***34	**XB-21-S-375-1750**	2	Roll Pin
***35A	**XB-1604-5**	2	Rubber Bushing (For fifth wheels mfd. prior to 5/82)
***35B	**XB-0011-1**	2	Rubber Bushing (No longer avail. - order XA-0011-2 and see service bull. no. 16 for instructions)
***35C	**XB-0011-2**	2	Rubber Bushing (For fifth wheels mfd. after 6/87)
***36	**TF-0110**	1	Kingpin Gauge
***37	**TF-0237**	1	2" Lock Gauge
***38	**TF-TLN-5001**	1	Kingpin Lock Tester

* Additional parts included in RK-63505, RK-63506, RK-63510, or RK63511 rebuild kits.
** Additional parts included in RK-63508, RK-63509, RK-63510, RK-63511 rebuild kits.
*** Not included in rebuild kits.

REBUILD KITS FOR HOLLAND XA-2009 TOP PLATE ASSEMBLIES



Item	Part No.	Qty. Req'd	Description
1	XB-1007	1	Comp Spring, 1-5/8"OD x 5
2	XA-1119	1	Plunger
3	XB-15	1	Set Screw
4	XB-T-49	1	Plain Washer 1/2"
5L	RK-1117-1L	1	Left Hand Release Handle (Item No. (4) must be installed on handle for complete assembly)
5R	RK-1117-1	1	Right Hand Release Handle (Item No. (4) must be installed on handle for complete assembly)
6L	XA-1118-2-L	1	Left Hand Cam Plate
6R	XA-118-1	1	Right Hand Cam Plate
7	XA-1029	2	Roller
8	XB-1030	3	(For RH) Washer-1/2 ID x 2-1/4" OD
9	XB-2083	1	Hex hd screw 1/2"-20 x 1-3/4" with locking patch
10	XB-1031	1	1/2"-20 x 2" hex hd. cap screw
11	XB-403	1	Spring
12	XD-3123-1	1	Lock Adjusting Wedge
13	XB-2001	1	5/8"-11 x 3-3/4" Soc. hd. screw
14	XB-HNH-58-C	1	5/8"-11 Locknut
15	XB-1006 (Green)	1	Comp. Spring 1-1/4" OD x 5"
16A	XA-1102	1	Lock Set
16B			
17	XA-1016	1	Hinged Lock Pin
18	XB-5	1	Cotter Pin 1/4" x 2"
19	XA-1621	1	Lock Guard
20	XB-1044	1	Torsion Spring
21	XA-1055	1	Pin
22	XB-16	2	Cotter Pin 1/8" x 1"
*23	XA-1668	1	Safety Lock Block
*24	XB-NRJ-34-F	1	Jam Nut

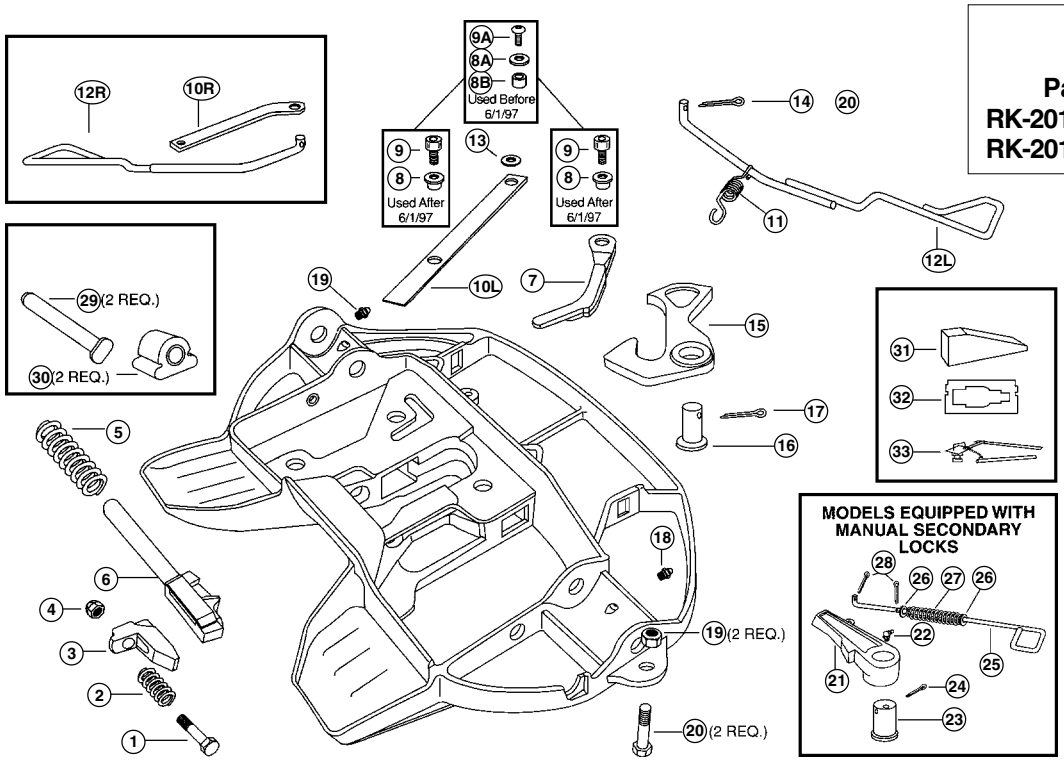
Item	Part No.	Qty. Req'd	Description
*25	XA-1674	1	Safety Release Arm
*26	XB-B-919	1	1/2" Dia. Steel Ball
*27	XB-V-932	1	Compression Spring
*28	XB-V-1025	1	Set Screw 5/8"-18
**29	XB-767-C	1	Grease Fitting
**30	XB-21-S-250-1875	1	Roll Pin
**31	XA-279	1	Lock Pin Bushing
**32	XA-1016-C	1	Hinged Lock Pin
**33	XA-278	1	Lock Pin Bushing
*34	XB-H-38	2	Grease Fitting
*35	XA-2016	2	Bracket Pin
*36	XB-21-S-375-1750	2	Roll Pin
*37A	XB-1604-5	2	Rubber Bushing (for fifth wheels mfd. prior to 5/28)
*37B	XB-0011-1	2	Rubber Bushing (no longer) available-order RK-03809 bushing & riser kit or refer to service bull. no. 16 for instructions
*37C	XB-0011-2	2	Rubber Bushing (for fifth wheels mfd. after 6/87)
38	TF-0110	1	Kingpin Gage
39	TF-0237	1	2" Lock Gage
40	TF-TLN-5001	1	Kingpin Lock Tester
41	XB-02846	2	Washer Lock Tester Washer (LH only) 1/2" ID x 2-5/8" OD

* Additional parts included in RK-63505, RK-63506, RK-63510, or RK63511

** Additional parts included in RK-63508, RK-63509, RK-63510, RK-63511 rebuild kits.

REBUILD KITS FOR HOLLAND XA-201-A-L TOP PLATE ASSEMBLIES

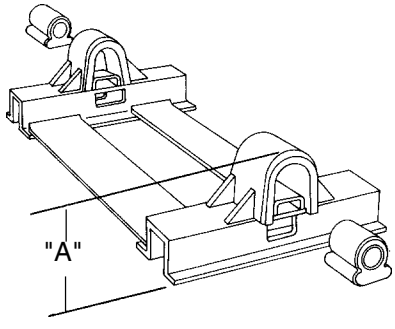
Stocking Rebuild Kit Part Numbers:
RK-201-A2 RH Release
RK-201-A2L LH Release



Item	Part No.	Qty. Req'd	Description
1	**XB-06329**	1	5/8"-20 x 4.25" hex hd. Bolt
2	**XB-403**	1	Spring
3	**XD-06328**	1	Adjusting Wedge
4	**XB-06179-1**	1	Locknut 5/8"-11
5	**RK-06330**	1	Plunger Spring
6	**XA-08081**	1	Locking Plunger
7	**XE-08113**	1	Cam Arm
8	**XA-08162**	2	Roller
8A	**XB-T-49**	2	1/2" Washer
8B	**XA-06332**	2	Roller
9	**XB-8558**	2	SHCS 1/2"-13 x .75"
9A	**XB-06331**	2	TORX® SBHCS 1/2"-13 X 1.25"
10R	**XA-06334**	1	Right Hand Release Arm
10L	**XA-07388**	1	Left hand Release Arm
11	**XB-06335-1**	1	Extension Spring
12R	**XA-08548**	1	Right Hand Release Handle
12L	**XA-08546**	1	Left Hand Release Handle
13	**XB-T-199**	1	5/8" Washer
14	**XB-06336**	1	Cotter Pin, .19" x 1.25"
15	**XA-08114**	1	Hinged Lock
16	**XA-06344**	1	Lock Pin
17	**XB-5**	1	Cotter Pin .25" x 2"
18	**XB-H-38**	2	Grease Fitting
19	**XB-T-69-A**	2	Lock Nut, 1/2"-20
20	**XB-C-95**	2	1/2"-20 x 1.25" hex hd. cap
*21	**XA-06349**	1	Manual secondary Lock arm
*22	**XB-767-C**	1	45 Deg. Grease Fitting
*23	**XA-1016-C**	1	Secondary Lock Pin
*24	**XB-5**	1	Cotter Pin .25" x 2"
*25	**XA-06345**	1	Secondary Lock
*26	**XB-1204**	2	7/16" Washer
*27	**XB-1028-1**	1	Spring
*28	**XB-16**	2	Cotter Pin 1/8"-1"
*29	**XE-06356**	2	Bracket Pin
*30	**XB-0011-2**	2	Rubber Bushing
*31	**TF-TLN-08284**	1	Helper Block
*32	**TF-0110**	1	Kingpin Gage
*33	**TF-TLN-1000**	1	2" Lock Tester
*34	**TF-TLN-5000**	1	2" Lock Adjustment Tool

FW2500 AND FW2535 SERIES SLIDE BRACKET PARTS - AFTER MAY 1, 1982

Bracket Assemblies - Air and Manual Release



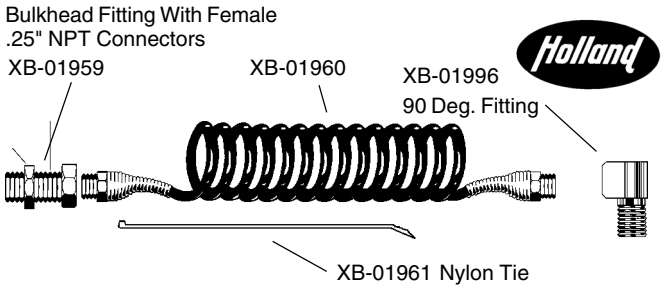
	Part No.	
"A"	**Air**	**Manual**
8.62"	**XA-7001**	**XA-7011**
7.62'	**XA-7002**	**XA-7012**
8.12"	**XA-7301**	**XA-7311**
6.62"	**XA-7003**	**XA-7013**

"A" = Fifth Wheel Height

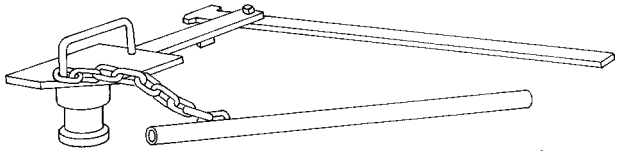
Brackets Only
Part No. XA-7501
Bracket w/ mounting base 8.88"
Part No. XA-7824
Bracket for angle mounting 5.31"

Fifth Wheel Slide Plate for FW8 or FW2535 w/o Mounting Angles
Part No. XA-0751-3A

MISCELLANEOUS FIFTH WHEEL PARTS

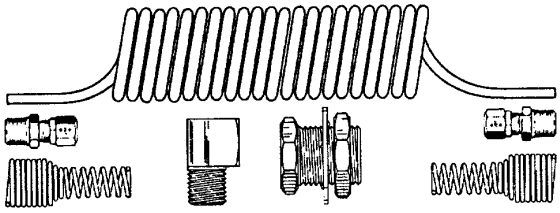


Sliding Fifth Wheel Air Line Kit
Ten foot coiled .25" OD nylon tube with wire guards and .25" NPT swivel fittings
Part No. RK-2500-10

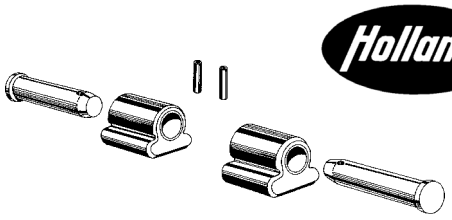


Kingpin Lock Tester Tool
The HOLLAND kingpin lock testers are designed for checking fifth wheel locking action and lock adjustment in the shop or on the lot.

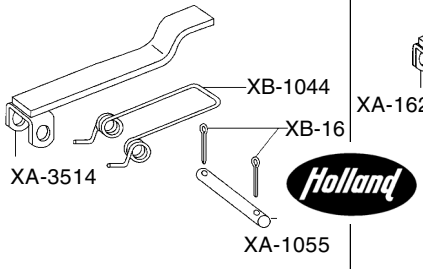
2" Tool: **Part No. TF-TLN-5001**



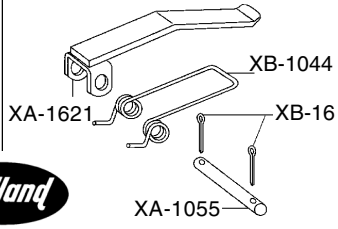
Coiled Air Line Kit for Fifth Wheels
Coiled nylon tubing with wire guards and fittings
Part No. 1010067



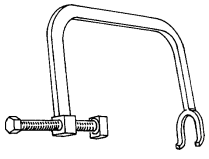
Cushion and Pin Rebuild Kit
This kit is also included in rebuild kits RK-63500-1, RK63501-1, RK62001 and RK62001-1.
Consists of: 2 XA-2016 Pins
2 XB-0011-2 Bushings
2 XB-21-S-375-1750 Roll Pins
Part No. RK-04413



Lock Guard Kit For
XA-3501 Series Top Plates
Kit No. RK-05329



Lock Guard Kit For
XA-2009 Series Top Plates
Kit No. RK-05328



Spring Compressor
Designed for springs and pins on Holland sliding fifth wheels
Part No. TF-TLN-2500

King Pin Gauge
Use to check condition of kingpin; indicates if pin should be replaced.
Part No. TF-0110

HOLLAND NO TILT REBUILD KIT

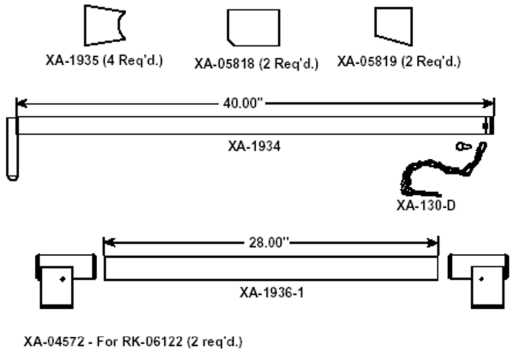
Fifth Wheel Rebuilt Kit

for 7.88" Fifth Wheel Height

on No-Tilt Application

Kit Includes: **XA-1935, XA-05818, XA-05819, XA-1934, XA-130-D, XA-1936-1, XA-04572**

Part No. RK-06122

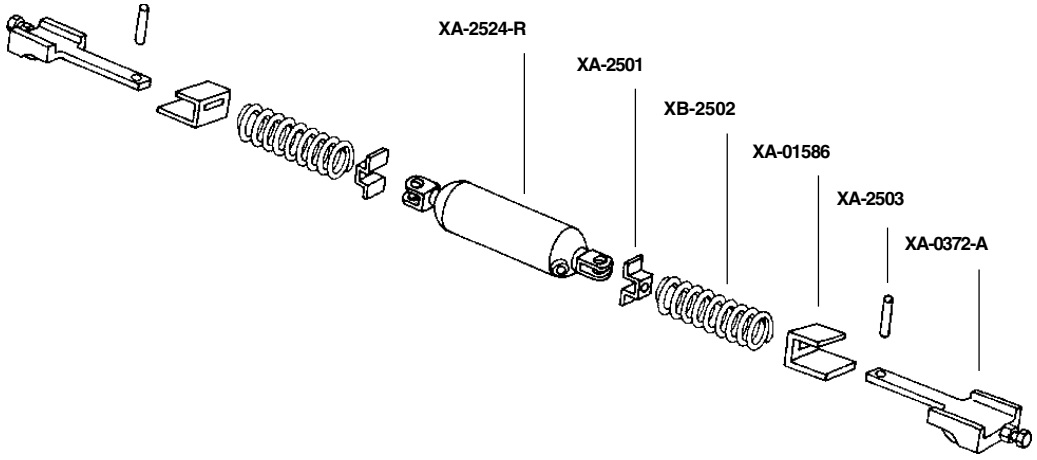


HOLLAND STAINLESS STEEL FIFTH WHEEL AIR CYLINDERS

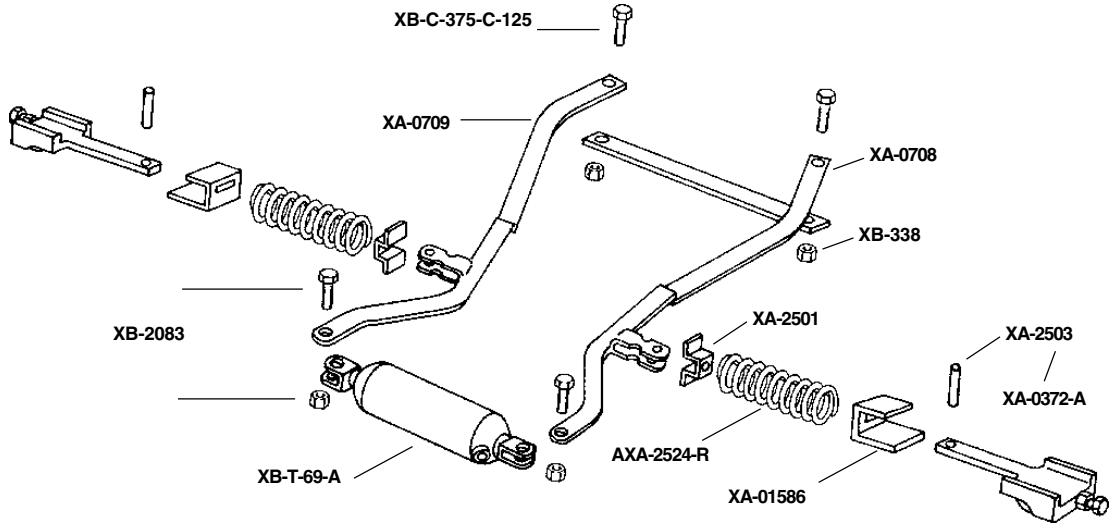
Part No.	Hole to Hole Dim. Extended	Hole to Hole Dim. Retracted	Stroke	Air Inlet	Used On
XA-2524-R-12	37.47	22.59	14.88	Both Ends	TF-675
XA-2524-R	19.40	12.63	6.77	Blind End	Sliding Fifth Wheels
XA-2524-R-4	13.96	10.35	3.61	Blind End	FW1560 Series
XA-2524-R-13-X	11.47	9.48	1.99	Blind End	FW2800 Series FW2900 Series
XA-2524-R-13-1	9.47	7.48	1.99	Blind End	FW1500 Series FW3500 Series

AIR CYLINDER SPECIFICATIONS FOR AIR SLIDER BRACKETS

Air Release - 8.62" and 7.62" Fifth Wheel Heights

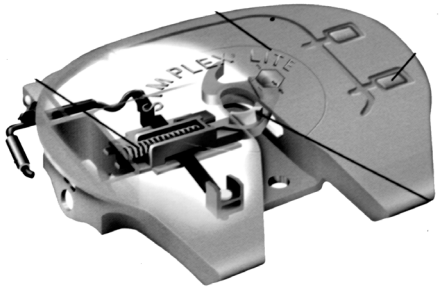


Air Release - 8.12" and 6.62" Fifth Wheel Heights



CONMET-SIMPLEX FIFTH WHEEL PARTS

SIMPLEX SERIES® TOP PLATES



Part No. 10402700
Conmet Simplex Lite Top Plates

Part No. 4102700
Conmet Simplex II Top Plates

Conmet Simplex Lite Top Plates

Specifications:

Vertical Load Capacity	55,000 lbs.
Trailing Load	150,000 lbs.
Top Plate Weight	220 lbs.

Operation:

Slack Adjustment	Up to 11/32" before jaw replacement.
Operating Rod	Minimal effort, straight pull design. Air-Operated Release Available with TouchLoc air-operated release system.
Safety Latch	Provides the driver with a clear visual indication that the wheel is properly coupled.
Service Life	Exceeds life of tractor.

Maintenance:

Service Required	No lubrication required at pivot connection. Routine: grease and visually check top plate, adjust slack as required.
Jaw Replacement	Fifteen minutes to rebuild, while the top plate remains on tractor.
Handle Replacement	Five minutes to replace, while fifth wheel remains on tractor.
Disassembly	Pull one clinch pin to remove and replace eccentric adjustment pin and jaw.
Warranty	5-years or 500,000 miles

Conmet Simplex II Top Plates

Specifications:

Vertical load capacity	70,000 lbs.
Trailing load	200,000 lbs.
Top plate weight	260 lbs.

Operation:

Slack adjustment	Up to 11/32" before jaw replacement.
Operating rod	Minimal effort, straight pull design. Air-operated release. Available with touchloc air-operated release system. Available in right-hand and left-hand models.
Safety latch	Visual indication of a positive coupling, also serves as a secondary lock.
Service life	Exceeds life of tractor. Maintenance

Maintenance:

Service required	No lubrication required at pivot connection. Routine: grease and visually check top plate, adjust slack as required.
Jaw replacement	Fifteen minutes to replace; fifth wheel remains on tractor.
Disassembly	Pull one clinch pin to remove slack adjustment pin and jaw. Handle replacement Five minutes to replace; fifth wheel remains on tractor.

CONMET-SIMPLEX REPAIR KITS

SIMPLEX® OLD STYLE REPAIR KIT BEFORE 1988
Part No. 4000135

Part No.	Description
4000583	2 Rubber, Bracket
4109916	1 Eccentric Jaw Pin
4109930	1 Jaw, LH
84787	2 Grease Fittings
4000585	2 Clinch Pins 3/8" x 1-1/2"
9900170	1 Clinch Pin 3/16" x 1-1/4"

SIMPLEX® & SIMPLEX® II LH JAW KIT
Part No. 4000501

Part No.	Description
4109935	Jaw
4109916	Standard Eccentric Pin
9900170	1 Clinch Pin 3/16" x 1-1/4"

SIMPLEX® & SIMPLEX® II RH JAW KIT
Part No. 4000503

Part No.	Description
4109920	Jaw
4109916	Standard Eccentric Pin
9900170	1 Clinch Pin 3/16" x 1-1/4"

SIMPLEX® II LOCK KIT
Part No. 4000572

Part No.	Description
4100767	Cover Plate
4109931	Lock
1200706	Lock Spring
842611	Cotter Pin
5400766	Lever Bar Pin
4100712	Lever Bar

SIMPLEX® & SIMPLEX® II BRACKET CONNECTION REBUILD KIT
Part No. 4000504

Part No.	Description
4100328	Bracket Shoes
4000582	Bracket Pads
4000584	Bracket Pins
4000585	Clinch Pins 3/8" x 1-1/2"

SIMPLEX® II OPERATING ROD KIT
Part No. 4000509

Part No.	Description
4100342	Operating Rod
4101250	Safety Indicator
5400711	Safety Indicator Pin
9900181	Slotted Spring Pin
84261	Cotter Pin

SIMPLEX® IIR OPERATING ROD KIT
Part No. 4000510

Part No.	Description
4100357	Operating Rod - 2pc.
4100150	Safety Indicator
4100180	Weld Stud
9900113	Flange Nut

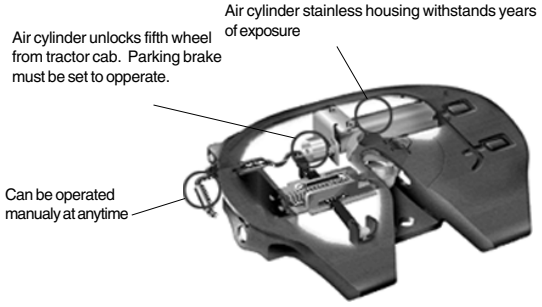
SIMPLEX® & SIMPLEX® II BRACKET PAD KIT
Part No. 4000528

Part No.	Description
4000582	Bracket Pad

SIMPLEX TOUCHLOC® AIR OPERATED FIFTH WHEEL UNLOCKING SYSTEM

Part No.	Description
4000273	Simplex Lite TouchLoc® Mechanism
4100213	Simplex II TouchLoc® Air Cylinder

- One easy motion unlocks trailer directly
- Operable only when parking brake is engaged
- Manual release back-up system
- Available for retrofit
- Three year warranty



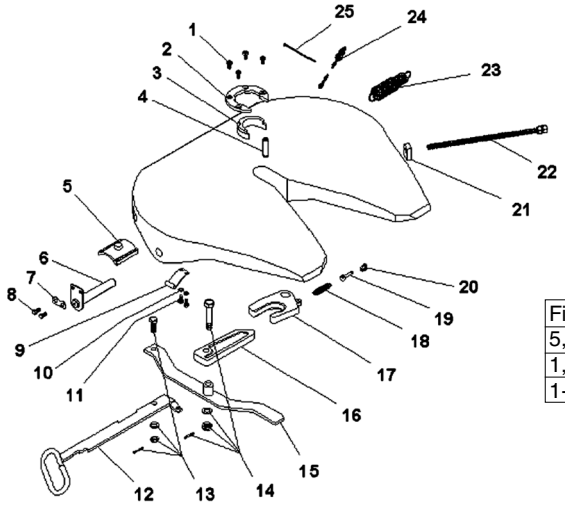
Part No.	Description
4300145	TaperLoc Air Cylinder

CON/MET®

Part No. 4101250
Simplex II Safety Latch

Part No. 4000218
Simplex II Start Pull Operating Rod

JOST FIFTH WHEEL



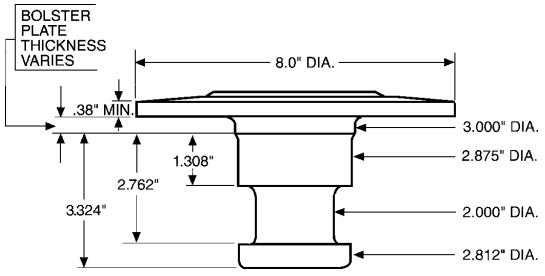
JOST
JSK 37H

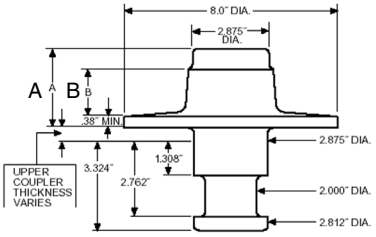
Fig.	Repair Kits	Part No.
5, 6, 7, 8	Bracket pin repair kit	SK 73121-55
1, 2, 3, 4, 17, 18, 19, 20	Locking device repair kit	SK 3105-93
1-25	Repair kit (all parts)	SK 3105-92

Fig.	Description	Part No.	Fig.	Description	Part No.
1	Cushion ring bolt	SK 73121-55	14	Locking bar bolt, compl.	SK 3221-01
2	Cushion ring fixture	SK 3105-93	15	Lever	SK 3105-140
3	Cushion ring insert	SK 3105-92	16	Locking bar	SK 3205-06
4	Pivot pin for lock jaw	SK 72106-67	17	Lock jaw	SK 1489 LZ
5	Collar	SK73105-95	18	Lock jaw tension spring	SK 847
6	Bracket pin	SK 73104-05	19	Eye bolt	SK 2106-69
7	Tab washer	SK 3104-46	20	Ring	SK 2106-70
8	Hex bolt	SK 73121-28B	21	Guide piece	SK 3205-07
9	Release handel spring	SK 70993-00	22	Adjusting bolt w/ hex nut	SK 3105-151
10	External tooth lock washer	SK 70301-00	23	Double tension spring	SK 3105-20
11	Hex bolt	SK 73121-28B	24	Lubrication tubing, compl.	SK 3108-02
12	Release handle	SK 73105-15	25	Tubing clamp	SK 3121-13
13	Hex head bolt, compl.	SK 1513			

TRAILER KINGPINS

Part No.	Bolster Plate Thickness
1135920	.25"
1135921	.38"
1135922	.50"
KP-T-809-CF	.25"
KP-T-809-F	.38"



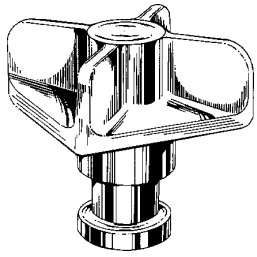


DOUBLE SPOOL KINGPIN

Part No.	Bolster Plate Thickness
KP-T-880-1	.38"
2" SAE KINGPIN	

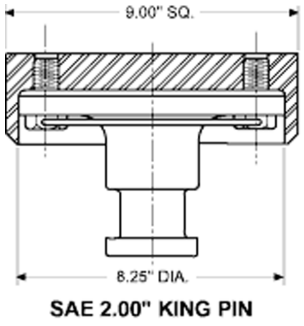
A Dimension= 2.00"
B Dimension= 1.50"

"Maltese Cross" Kingpin
For 1/4" and 5/16"
Bolster Plate
2" Kingpin With Housing
Part No. 1135924



Bolt On Replaceable 2"Style Kingpins

Part No. KP-0882
2" Diameter, 302-363 Brinell Hardness,
38" Upper Coupler, 1.44" Counter Bore



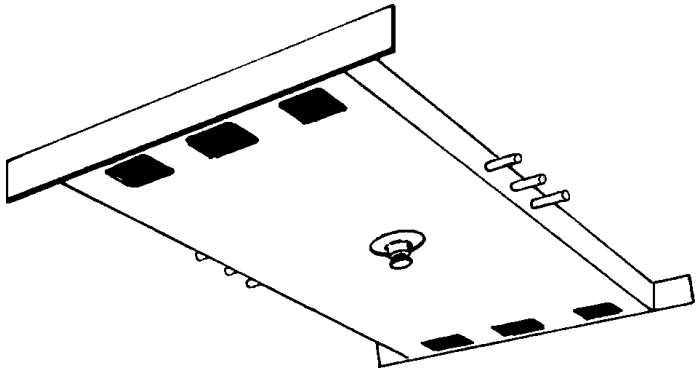
SAE 2.00" KING PIN

Replacement Aft Trailer King Pin Sections
Complete With Weld-On Kingpin Installed
Welding procedures and materials used comply with accepted OEM standards

For 96" Wide trailer 95 1/4" Wide
34 3/8" Fore & Aft Length
Part No. 1147900
Conduit locations centered at 47 5/8" and 2 1/4" on both sides.

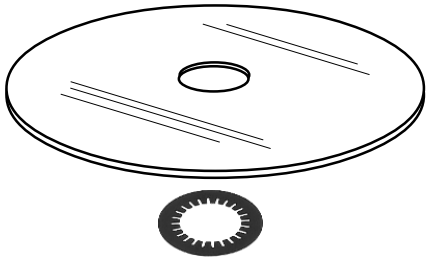
For 102" Wide Trailer 101 1/4" Wide
30 1/2" For & Aft Length
Part No. 1147904
Conduit locations centered at 50 5/8" and 2 1/4" on both sides.

**For Use on Dry Van Trailers Only

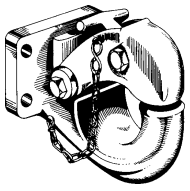


High Density
Polyethylene Disc
Eliminates the problem of a dry fifth wheel plate. Installs on trailer plate around kingpin using steel retainer ring.

Complete Assembly
Part No. 1010501
Retainer Ring Only
Part No. 1010500

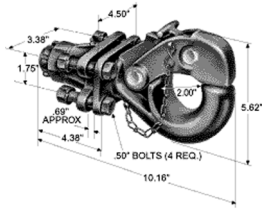


PINTLE HOOKS



Rigid Type Pintle Hook
Part No. PH-T-60-AOL-8

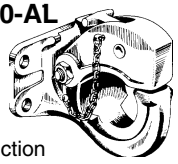
Capacity Pintle Hook:
Maximum Vertical Load: 6,000 lbs.
Max Gross Trailer Weight: 30,000 lbs.
Drawbar Eye Dimensions:
2.00" to 3.00" I.D.
with 1.25" to 1.62" Diameter Section



Part No. PH-T-60-AOS-L-8

Capacity Pintle Hook:
Maximum Vertical Load: 3,600 lbs.
Max Gross Trailer Weight: 18,000 lbs.
Drawbar Eye Dimensions:
2.00" to 3.00" I.D.
with 1.25" to 1.62" Diameter Section

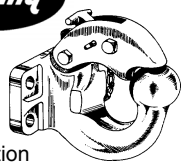
Rigid Type Pintle Hook Part No. PH-T-60-AL



Capacity Pintle Hook:
Maximum Vertical Load: 2,000 lbs.
Max Gross Trailer Weight: 10,000 lbs.
Drawbar Eye Dimensions:
2.00" to 3.00" I.D. with 1.25" to 1.62" Diameter Section

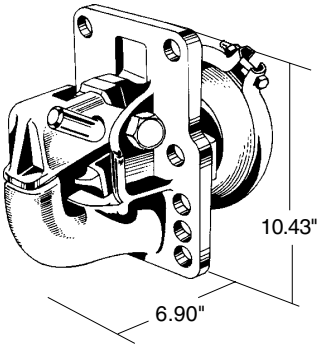
Rigid Type Pintle Hook and 2" Ball Hitch
Part No. PH-16-B

Holland



Capacity Pintle Hook:
Maximum Vertical Load: 3,800 lbs.
Max. Gross Trailer Weight: 19,000 lbs.
Capacity 2" Ball Hitch
Max Gross Trailer Weight: 10,000 lbs.
Meets SAE J684 Class 4 Standards in a 2" Ball
Drawbar Eye Dimensions:
2.38" to 3.00" I.D. with 1.25" to 1.62" Diameter Section

Rigid Type Pintle Hook With Air Operated Plunger
Part No. PH-400
Part No. PH-400-1

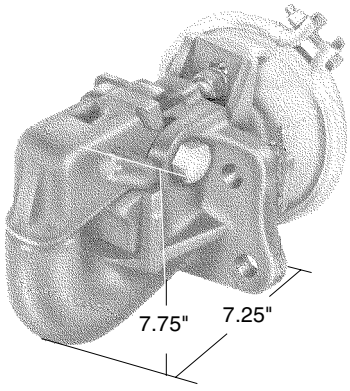


Capacity Pintle Hook:
Maximum Vertical Load:
18,000 lbs.
Max Gross Trailer Weight:
90,000 lbs.

Drawbar Eye Dimensions:
2.38" to 3.00" I.D.
with 1.25" to 1/69"
Diameter Section

PH-400-1:
Same as above less
plunger, air cylinder XB-165945
and brackets.

Rigid Type Pintle Hook With Air Operated Plunger
Part No. PH-200
Part No. PH-200-1



Capacity Pintle Hook:
Maximum Vertical Load:
18,000 lbs.
Max Gross Trailer Weight:
90,000 lbs.

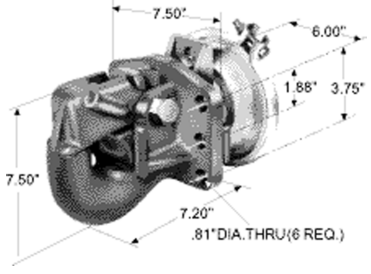
Drawbar Eye Dimensions:
2.38" to 3.00" I.D.
with 1.25" to 1/69"
Diameter Section

PH-200-1:
Same as above less
plunger, air cylinder XB-165945
and brackets.
Part No. XA-02608
Cylinder & Bracket Assem.

Part No. PH-300

18,000 lbs. Maximum Vertical Load
72,000 lbs. Maximum Gross Trailer Weight. (90,000 lbs. Tensile)

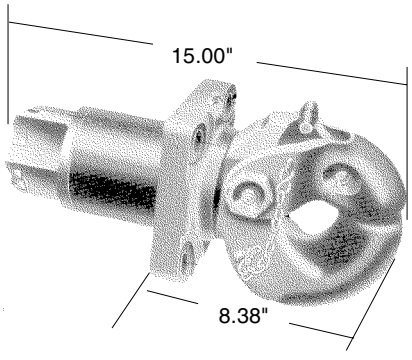
Drawbar Eye Dimensions: 2.38" to 3" I.D. with 1.25" to 1.69" diameter section.Rigid type pintle hook with air operated plunger. Weight 42 lbs.



PH-300-1:
Same as above less plunger,
air cylinder XB-165945 and brackets.

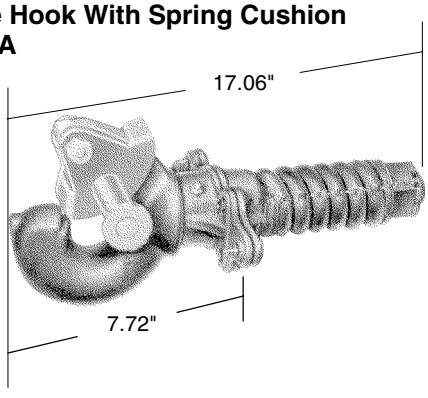
Swivel Type Pintle Hook - Part No. PH-775-01552

Capacity:
Maximum Vertical Load: 20,000 lbs.
Max Gross Trailer Weight: 100,000 lbs.
Drawbar Eye Dimensions:
3.00" I.D. with
1.62" Diameter Section



Swivel Type Pintle Hook With Spring Cushion
Part No. PH-T-100-A

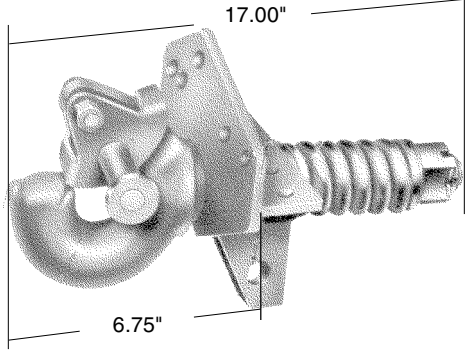
Capacity:
Maximum Vertical Load: 4,000 lbs.
Max Gross Trailer Weight: 20,000 lbs.
Drawbar Eye Dimensions:
2.38" to 3.00" I.D.
with 1.25" to 1.62"
Diameter Section



Part No. XA-T-93-A1 Latch Sub Assembly for PH-T-100-A

Swivel Type Pintle Hook With Spring Cushion
Part No. PH-T-125-A

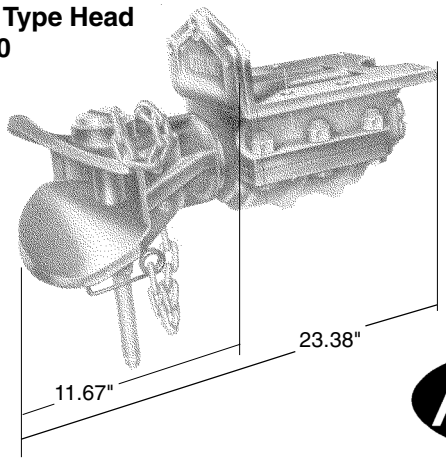
Capacity:
Maximum Vertical Load: 6,000 lbs.
Max Gross Trailer Weight: 30,000 lbs.
Drawbar Eye Dimensions:
2.38" to 3.00" I.D.
with 1.25" to 1.62"
Diameter Section



PINTLE HOOKS, DRAWBARS

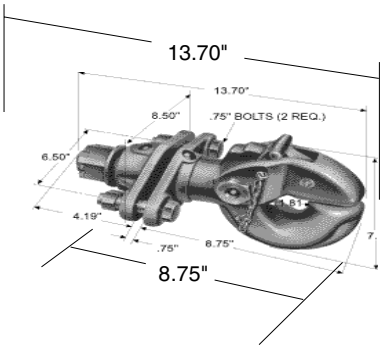
Swivel Type Pintle Hook With Rubber Cushion and "Fish Mouth" Type Head
Part No. PH-T-990

Capacity:
Maximum Vertical Load: 3,000 lbs.
Max Gross Trailer Weight: 100,000 lbs.
Drawbar Eye Dimensions:
3.00" I.D. 1.62" Diameter Section



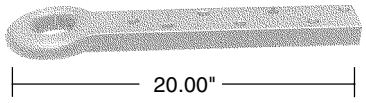
Swivel Type Pintle Hook - Part No. PH-760

Capacity:
Maximum Vertical Load: 9,800 lbs.
Max Gross Trailer Weight: 49,000 lbs.
Drawbar Eye Dimensions:
3.00" I.D. with 1.62" Diameter Section



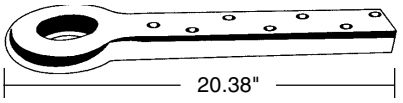
Bolt-On Drawbar With 2.5" I. D. Eye With 1.25" x 1.5" Diameter Section
Part No. DB-1228-1

Capacity:
Maximum Vertical (Tongue) Load: 4,000 lbs.
Max Gross Trailer Weight: 20,000 lbs.
NOTE: When used hinged tongue trailer applications where maximum vertical load cannot exceed 500 lbs., the maximum gross trailer weight is 60,000 lbs.



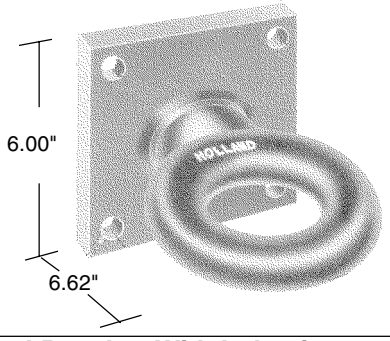
Bolt-On Drawbar With 3" I. D. Eye With 1.62" Diameter Section
Part No. DB-1238

Capacity:
Maximum Vertical (Tongue) Load: 4,500 lbs.
Max Gross Trailer Weight: 22,000 lbs.
NOTE: When used hinged tongue trailer applications where maximum vertical load cannot exceed 500 lbs., the maximum gross trailer weight is 70,000 lbs.



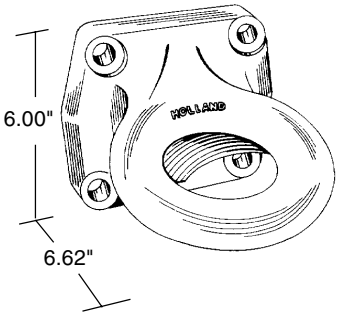
Drawbar With 4 Bolt Mounting Base 2.5" I. D. Eye With 1.25" x 1.5" Oval Diameter Section
Part No. DB-1250-15

Capacity:
Maximum Vertical (Tongue) Load: 7,000 lbs.
Max Gross Trailer Weight: 35,000 lbs.
NOTE: When used hinged tongue trailer applications where maximum vertical load cannot exceed 500 lbs., the maximum gross trailer weight is 50,000 lbs.



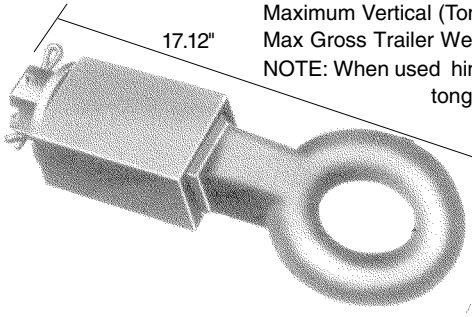
Drawbar With 4 Bolt Mounting Base 3" I. D. Eye With 1.62" Diameter Section
Part No. DB-1385

Capacity:
Maximum Vertical (Tongue) Load: 15,000 lbs.
Max Gross Trailer Weight: 60,000 lbs.
NOTE: When used hinged tongue trailer applications where maximum vertical load cannot exceed 500 lbs., the maximum gross trailer weight is 90,000 lbs.



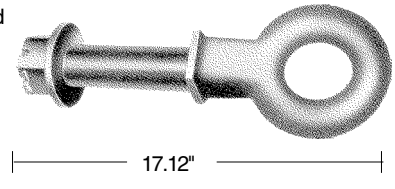
3" I. D. Eye Forged Steel Drawbar With Induction Hardened Wear Area 1.62" Diameter Section
Part No. DB-610-30

Capacity:
Maximum Vertical (Tongue) Load: 9,000 lbs.
Max Gross Trailer Weight: 45,000 lbs.
NOTE: When used hinged tongue trailer applications where maximum vertical load cannot exceed 500 lbs., the maximum gross trailer weight is 85,000 lbs.



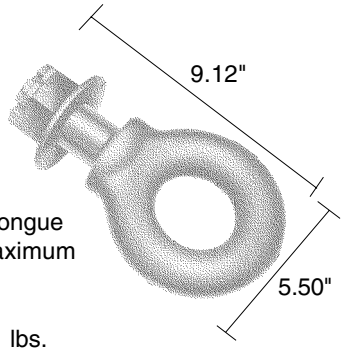
Drawbar With Washer, Nut, and Cotter Pin 3" I. D. Eye With 1.62" Diameter Section 2: O. D. Shank
Part No. DB-1249-49

Capacity:
Maximum Vertical (Tongue) Load: 9,000 lbs.
Max Gross Trailer Weight: 45,000 lbs.
NOTE: When used hinged tongue trailer applications where maximum vertical load cannot exceed 500 lbs., the maximum gross trailer weight is 85,000 lbs.



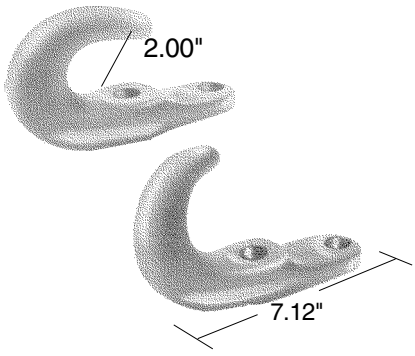
DRAWBARS, TOW HOOKS

Drawbar With Washer, Nut, and Cotter Pin
2.5" I. D. Eye With 1.5" x 1.25" Oval Section.
1.5" O. D. Shank
Part No. DB-1250-3

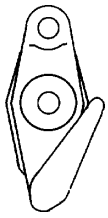


Capacity:
Maximum Vertical (Tongue) Load:3,000 lbs.
Max Gross Trailer Weight: 15,000 lbs.
NOTE: When used hinged tongue trailer applications where maximum vertical load cannot exceed 500 lbs., the maximum gross trailer weight is 50,000 lbs.

Right or Left hand Tow Hook With 2" Opening
Part No. TH-10050-3L
Part No. TH-10050-3R
26,000 lbs. Maximum Drawbar Pull



Left Hand



Weld-on Drawbar with 2.38" I.D. eye with 1.62" x 1.69" diameter section. Use with channel, square, or rectangle tube mounting configuration.
18,000 lb Max Vertical (Tongue) Capacity with 90,00 lb max load gross trailer weight.
Part No. DB-1400

Note: *When used for hinged tongue trailer applications where maximum vertical load cannot exceed 500 lbs., the maximum gross trailer weight is 120,000 lbs.*

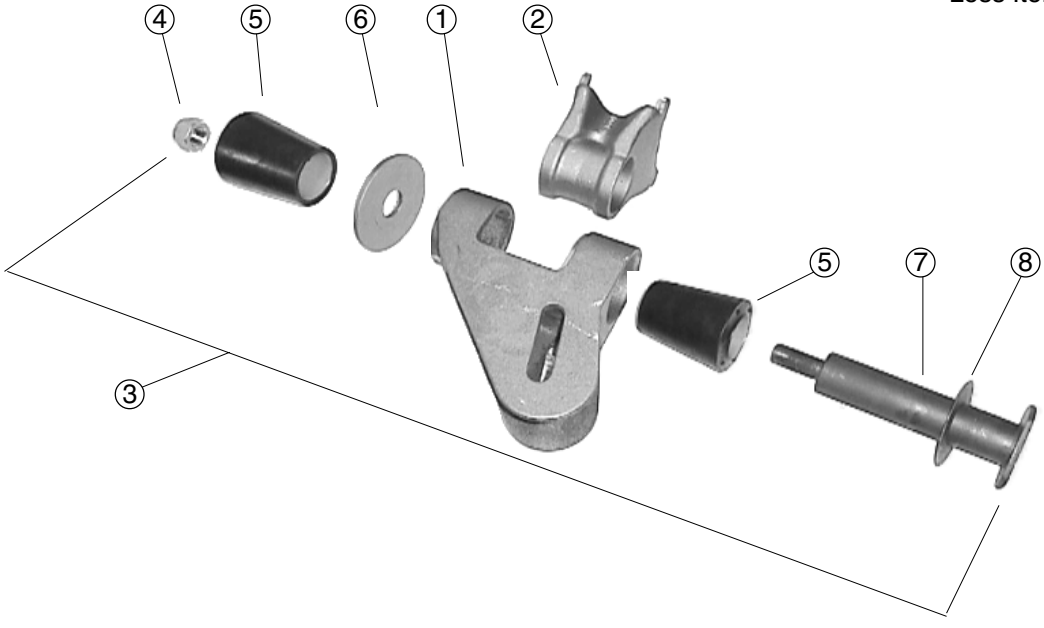
Holland

DRAWBAR HINGE KIT

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Drawbar Hinge Parts
For Drawbars and Dolly Bracket

Item	Qty.	Part No.	Description
1	1	**1310315** (FCA5315)	Draw Bar Hinge
2	1	**1310275** (FCA5275)	Draw Bar Bracket
3	1	**NL3001**	Equalizer Bushing Kit Less Item No.'s 1 & 2.



FLATBED CARGO CONTROL PRODUCTS

STANDARD WINCH

For Weld-on
Bottom Mounting
Part No. 1010102

LOW-PROFILE WINCH

For Weld-On
Side Mounting
Part No. 1010104

PORTABLE WINCH

Flexible Placement Along
Trailer Side Channel
Part No. 1010105

PORTABLE WINCH

Low Profile
Flexible Placement Along
trailer Side Channel
Part No. 1010106

STANDARD SLIDING WINCH

Adjusts location by sliding in track shown on this page. Locks firmly in place when under load
Part No. 1010108

STANDARD SLIDING WINCH

Adjusts location by sliding in track 3608 only! Locks firmly in place when under load
Part No. 1020

STORABLE SLIDING WINCH

Adjusts location by sliding in track shown on this page. Allows extra storage of webbing
Part No. 5820

WINCH TRACK

For sliding winches. Steel.
In 6 foot lengths
Part No. 3606

KINEDYNE

WINCH BARS

Winch bars feature knurled slip-resistant handle with carbon steel nose piece for strength.

A Standard bar, chrome plated. **Part No. 1010107**

B Standard bar, painted. **Part No. 37030**

C Combination chrome plated winch bar features modified handle for use in tightening chain binders. **Part No. 10033**

Warning: When tightening and loosening winches, always maintain a firm grip on the winch bar. Never release a winch bar without checking the pawl to ensure that it is fully engaged between ratchet teeth. Releasing the winch bar without the pawl being properly engaged can cause serious injury to the user or bystanders. The use of a winch bar specifically designed to loosen or tighten winches is recommended. "Cheater bars" or extenders should not be used with the winch bars. The tip of the winch bar should be inserted through both holes in the end cap of the winch to prevent the winch bar from slipping out, and overloading the bar tip or winch end cap.

Made from resin coated polyester for minimum stretch and maximum wear resistance. Labeled to meet CVSA guidelines, DOT regulations, and WSTDA recommended standards.

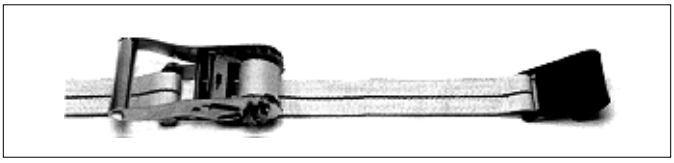
Webbing Breaking Strength:	20,000 lbs
Assembly Breaking Strength:	15,000 lbs
Working Load Limit:	5,000 lbs

27 Foot Strap Assembly: **Part No. 1010092**
30 Foot Strap Assembly: **Part No. 1010093**

WINCH STRAPS
4" WIDE WEBBING

FLATBED RATCHET STRAP ASSEMBLIES

STANDARD RATCHET STRAPS FOR FLATBEDS



For flatbed tie-down requirements. Two inch wide strap has an 18" fixed end, with two inch wide flat hooks on both ends. Wide handle ratchet.

Breaking Strength 10,000 lb.
Working Load Limit: 3,335 lb.

Length	Part No.
27'	**1010088**
30'	**1010089**

KINEDYNE

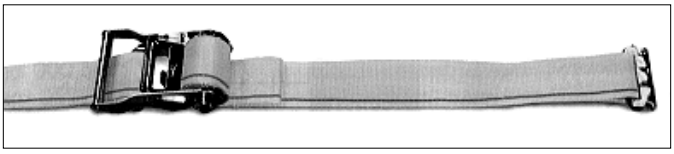
Fixed End Replacement
Wide handle ratchet assembly with 18" webbing section and 2" wide flat hook
Part No. 1010091

Adjustable End Replacements
Webbing with flat hook one end
For 27' Assembly
25' Length Part No. 1010090
For 30' Assembly
28' Length Part No. 1010094

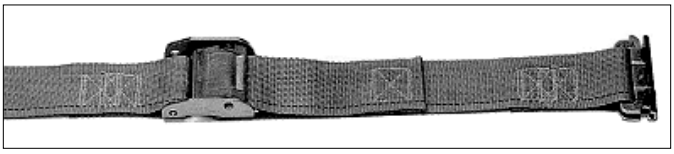
Ratchet Strap Assembly
Wide handle ratchet assembly with 2"x27' webbing section and 1006 wire hook
Part No. 512784

LOGISTIC STRAPS FOR VAN INTERIORS

Designed to take care of most interior van loading requirements. Straps have 4' fixed end as standard. All webbing captive to buckle. 12 foot assemblies are easily identified with yellow webbing, 16 foot assemblies with gray webbing.



2" Strap Assemblies
With 811 Ratchet and 4900 Webbing.
Assembly Breaking Strength: 3,000 lbs.
Working Load Limit: 1,000 lbs.
12' Assembly (Yellow Webbing) **Part No. 641201**
16' Assembly **(Gray Webbing)** **Part No. 641601**



2" Strap Assemblies
With 910 Cam Buckle and 4900 Webbing.
Assembly Breaking Strength: 2,500 lbs.
Working Load Limit: 835 lbs.
12' Assembly (Yellow Webbing) **Part No. 651201**
16' Assembly (Gray Webbing) **Part No. 651601**

ADJUSTABLE CARGO BARS

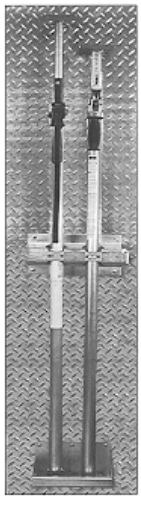
Steel Tube Saf-T-Lok Bar
Steel tubing with steel rack, pivoting rubber feet. Heavy duty steel handle, and cast aluminum housing. Rubber feet won't scuff trailer walls. Adjusts from 89" to 105". 11.8 lbs. **Part No. 1012850**

Aluminum Tube Saf-T-Lok Bar
High strength aluminum tubing, Heavy duty steel handle, steel rack, aluminum housing. Molded rubber feet won't scuff trailer sidewalls. Adjusts from 89" to 105". 11.8 lbs.
Part No. 1012860

Round Galvanized One-Piece Jack Bar
Adjusts from 86" to 104". Welded molded rubber feet resist scuffing trailer sidewalls. 12.3 lbs.
Part No. 1012835

Zinc-Plated Square Load Bar
Adjusts from 86" to 113". Bar is made 1-11/2" square steel tubing
Part No. 1012845

Bar Tender™
Cargo Bar Holder



Designed to provide storage for various styles of load bars on the exterior of the tractor cab. The Bar Tender™ can be locked with a padlock to deter theft.
Part No. 10062

DECKING/SHORING TRACK

TARP STRAPS

Heavy duty weather resistant rubber. Resists chemicals, salt, fumes. "S" hooks included.
In boxes of 50. (*TS=USA MADE, OSG=IMPORT*)

Retracted Sizes Listed

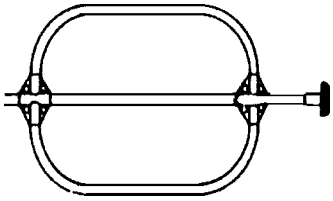
USA MADE Part No.	Size	IMPORT Part No.	Size
TS10	10"	**OSG10**	10"
TS15	15"	**OSG15**	15"
TS21	21"	**OSG21**	21"
TS31	31"	**OSG31**	31"
TS41	41"	**OSG41**	41"

"S" Hooks Only:
Part No. TS100S

6" ROPE TIE OFF
for E TRACK
Part No. 660001

Cargo Hoop Sets
For Cargo Bars

Mount easily to most cargo bars. Set contains two hoops with installation hardware. 11 lbs.
Part No. 1010082



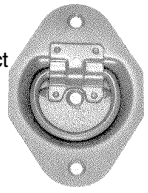
Wood Beam Socket

Designed for use with standard 2" x 6" lumber. Positive locking mechanism. Zinc plated.
Part No. 1845

KINEDYNE

Recessed Rope Ring

For use with 3/8" plywood. Pan recessed to allow direct mounting to vehicle structural members.
Overall Length: 5"
Overall Width: 3-1/2"
Depth: 3/8"
Part No. 1020222



Size is 1-1/2 X 1-1/2
1/4" holes, 14ga clip
Part No. B23-DRING

SERIES E TRACK HORIZONTAL

SERIES E TRACK
Part No. 43001

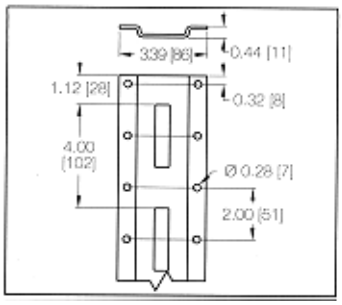
12 gauge steel,
Galvanized
Ten foot lengths

SERIES E TRACK
Part No. 43002

High strength
12 gauge steel,
50,000 PSI, painted.
Ten foot lengths

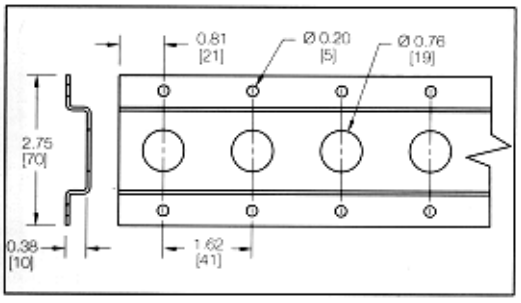
SERIES E TRACK VERTICAL

High strength 11 gauge steel, 50,000 PSI, Painted.
Ten foot lengths
Part No. 2019



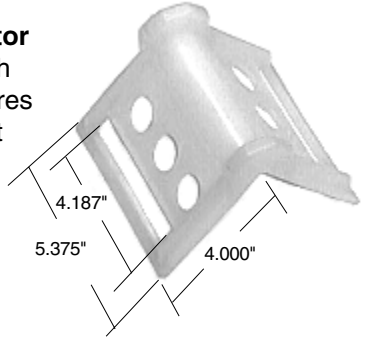
SERIES F TRACK

SERIES F TRACK, Horizontal or Vertical. High strength 15 gauge galvanized steel. Ten foot lengths
Part No. 2005

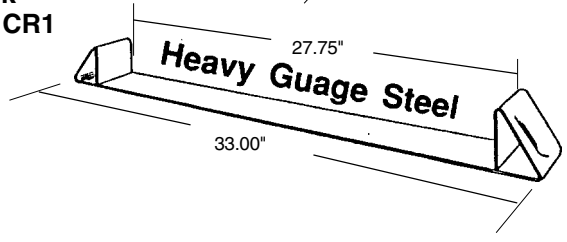


Plastic Corner Protector

Designed to protect both strap and cargo. Features corner recess to protect cargo edge.
Part No. 1010080



Coil Rack
Part No. CR1



DECKING/SHORING BEAMS

Series E or A Aluminum Beam
Made from extruded high strength aluminum. Head assemblies are all steel, zinc plated and tapered.
Vertical and Horizontal Rating: 2,000 lbs.

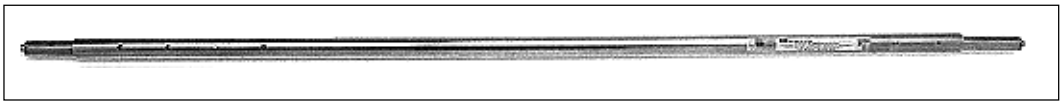
For 96" Wide Trailers - Adjusts from 85" to 94.7"
Part No. FE8066-1

For 102" Wide Trailers - Adjusts from 96" to 102"
Part No. FE8066-3

Heavy Duty Series E or A Aluminum Beam
Made from extruded high strength aluminum. 25% more aluminum than in standard beams. Head assemblies are all steel, zinc plated and tapered.
Vertical Rating: 3,000 lbs.
Horizontal Rating: 2,500 lbs.

For 96" Wide Trailers - Adjusts from 85" to 94.7".
Part No. FE8000-1

For 102" Wide Trailers - Adjusts from 92.2" to 102".
Part No. FE8000-12



Series F Round Shoring Bars
Made of galvanized steel tubing. Spring-loaded end adjusts 5". Additional 4" increments of adjustment can be made with the easy to use push button mechanism.
Vertical and Horizontal Rating: 500 lbs.

For 96" Wide Trailers - Adjusts from 79" to 93".
Part No. 1816-1

For 102" Wide Trailers - Adjusts from 92" to 106".
Part No. 1816-2

For 102" Wide Trailers - Adjusts from 100" to 114".
Part No. 1816-3

Replacement Parts

Attaching Pin
Part No. FE7053-1

Head Unit
Part No. FE7955-8

Trigger Repair Kit
Part No. FF877

KAPTIVE BEAM™ SYSTEM

The Kinedyne Kaptive Beam™ System will revolutionize the way you ship freight. Built and engineered with all your needs in mind it allows you to:

- Provide quick and economical decking.
- Prevent the loss or theft of beams.
- Maximize your usable trailer cube.
- Increase revenue per mile.
- System can be shown to pay for itself within 3,500 miles.

Decking Application

SYSTEM OPERATION

Operating the Kinedyne Kaptive Beam™ System is quick and simple.

1. Before starting to load, make sure that all beams are in fully raised position to clear forklift mast.
2. The first set of beams are lowered into place.
3. Load the first section at the front of the trailer. Load pallets on upper deck first.
4. Lower beams for next section. To finish the loading process, simply repeat the steps.

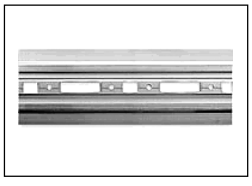
When the system is not in use, the beams can be quickly and easily raised to ceiling level and stored out of the way. The trailer can then be used to transport products that do not require the Kinedyne Kaptive Beam ™ System.

Head Assembly & Track

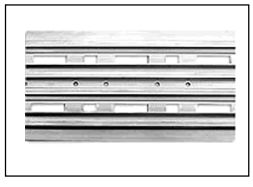
SYSTEM COMPONENTS

System Track

The system track is manufactured from high-strength aluminum alloy. With a wider flange, the track is designed to allow for easy installation into most trailer configurations. The system track can be flush mounted into the walls of the trailer or surface mounted in standard or plate trailers. The system can also be built into refrigerated trailers with proper modifications to support structure. The track contains both long and short slots that allow for greater versatility. These slots can accommodate both the Kinedyne Kaptive Beams™ and the Kinedyne E or A series beams and logistic straps.



TRACK SPECS: **Flanged Track**
Part No. 2041-072
Weight: 6.1 lb. / 2.8 kg
Length: Standard 6ft. / 1.8m
Material: High Strength Heat Treated Alum. Alloy



Double Row Flanged Track
Part No. 2042-072
Weight: 12.2 lb. / 5.6 kg
Length: Standard 6ft. / 1.8m
Material: High Strength Heat Treated Alum. Alloy

Part No.	Description
8694-96	Standard Beam for 96" Trailers
8649-102	Standard Beam for 102" Trailers
8694-96HD	Heavy-Duty Beam for 96" Trailers
8694-102HD	Heavy-Duty Beam for 102" Trailers
2041-072	Flanged Track (6ft)
2042-072	Double Row Flanged Track (6ft)
10021	Retracting Pole
FE7053-1	Attaching Pin for Head Assem.
8694-4	Locking Head
8694-5	Beam Head Insert

Beams

The Kinedyne Kaptive Beams™ are manufacture from the same high-strength, heat-treated aluminum alloy that is used in the system track. Kinedyne offers two types of beams; an economical standard duty beam and heavy duty beam, so you can customize the system to fit your cargo needs.

The head assembly , which attaches to the Kinedyne Kaptive Beam™, is manufactured from a high-strength, heat-treated steel. This head assembly has a spring loaded trigger mechanism which locks the beam into the desired track slot. The Kinedyne Kaptive Beam™ head assembly can be taken apart easily for repair or replacement.

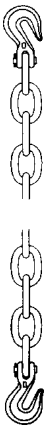
Beam Specifications:

Heavy Duty Decking/Vertical Rating Shoring/Horizontal Rating:
2,200lb/1000kg uniformly distributed working load limit.

Standard Duty Decking/Vertical Rating Shoring/Horizontal Rating
1,500lb/680kg uniformly distributed working load limit.

CHAIN PRODUCTS

Grade 43 High Test Tiedown Chains With Clevis Hooks			
Size	Weight Each	Working Load Limit	Part No.
3/8 x 20	32	5,400	**3/8X20G43**
3/8 x 25	39	5,400	**3/8X25G43**
Grade 70 Transport Tiedown Chain Tiedown Chains With Clevis Hooks			
Size	Weight Each	Working Load Limit	Part No.
5/16 x 16	22	4,700	**5/16X16GR70**
5/16 x 20	27	4,700	**5/16X20GR70**
5/16 x 25	30	4,700	**5/16X25GR70**
3/8 x 16	26	6,600	**3/8X16GR70**
3/8 x 20	32	6,600	**3/8X20GR70**



Cargo Securement Rules

January 1, 2004. The rule change revolves around tie-downs for equipment. Currently, one-half of the working load must be secured, which is generally done with two chains of appropriate grade. The new rules require a minimum of four tie-downs regardless if two cover the weight of the working load. The tie-downs should be placed at the front and the rear of the load and at appropriate points in-between. Additionally, all neccessary equipment must be completely lowered and secured. Articulation vehicles must also be restrained in a manner that prevents articulation while in transit. The change creates more work for the driver, but should eliminate roadside haggling over whether or not a load is properly secured.

Clevis Type Grab Hooks Grade 70			
Hook Size	Chain Size	Working Load Limit	Part No.
5/16	5/16	4,700	**3570-305-05**
3/8	3/8	6,600	**3570-405-05**

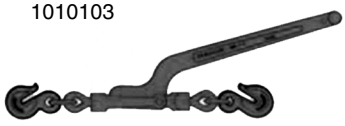
Floor Chain Tiedown
3/8" chain. For use on steel frame trailers. Self storing.
Grade 43
Working Load Limit: 5000 lbs.
Part No. 10421

Chain Binders
For heavy duty interstate transport users. Meets all DOT requirements.

Part No.	Description	Take-Up (Inches)	Weight (lbs)	Working Load Limit	Min. Break Strength
1010103	5/16 - 3/8 Lever Type	4.50"	8.25	7,100	24,600
1010115	5/16 - 3/8 Lever Type	3.75"	8.25	5,400	19,000
1010116	5/16 - 3/8 Ratchet	8.00"	8.50	5,400	19,000
PR-1	5/16 - 3/8 Ratchet	8.00"	12.25	7,300	26,400

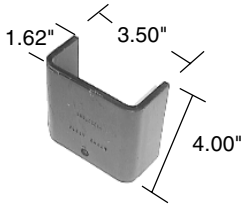
The values for working loads shown here should be used for calculating the number of chain tiedown assemblies required to secure cargo in compliance with DOT regulations.

1010103

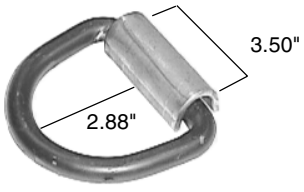


PR-1

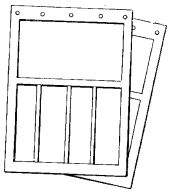
Straight Stake Pocket
Steel Stamping.
Black primer.
Part No. 982-00014



D-Ring Assembly
Welded steel ring made from 5/8" dia. stock.
Primer finish.
Tested to 6000 lbs.
Part No. 982-00046



MUD FLAPS - BRACKETS



MUDFLAPS
Part Numbers Represent
One Mud Flap

Rubber Mudflaps

Plain 1/4" Mudflaps

Size	Part No.
24 x 24	**1190299**
24 x 30	**1190300**
24 x 36	**1190301**

Plain 3/8" Thick Mudflaps

Size	Part No.
24 x 30	**1190296**
24 x 36	**1190297**
24 x 40	**1190298**

Plain 1/2" Thick Heavy Duty Mudflaps

Size	Part No.
24 x 30	**1190417**
24 x 36	**1190418**

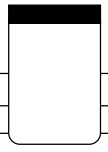
Plastic Mudflaps

Elastomer Compounds Provide Protection
From Cracking In Cold Weather

White Plastic
3/16" Thick

Size	Part No.
24 x 30	**1218896**
24 x 36	**1014123**

Black Plastic
3/16" Thick



Size	Part No.
24 x 24	**1014855**
24 x 30	**1014857**
24 x 36	**1014858**

White Anti-Spray Mud Flaps, Plain

Size	Part No.
24 x 30	**1190404**
24 x 36	**1190406**

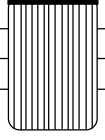
Black Anti-Spray Mud Flaps, Plain

Size	Part No.
24 x 30	**1190405**
24 x 36	**1190407**

White 3/8" Thick "Ultra Rubber" Anti-Spray Mudflaps

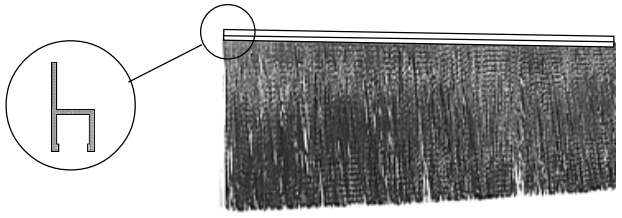
Size	Part No.
24 x 30	**1190402**
24 x 36	**1190403**

Black 3/8" Thick "Ultra Rubber" Anti-Spray Mudflaps



Size	Part No.
24 x 30	**1190400**
24 x 36	**1190401**

Trailer Anti-Spray Skirting

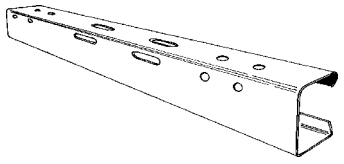


Skirt Dimensions: 11" Brush
4 Foot Length
Part No. 1190409

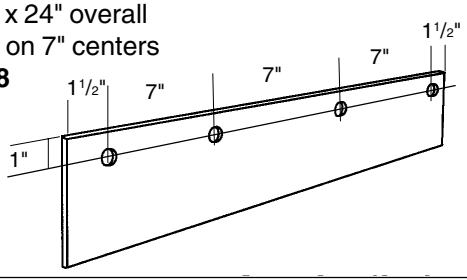
Aluminum Extrusion: 4 Foot Length
Part No. 1190410

One of each is needed for proper installation

Universal Mud Flap Bracket
Steel. Fits curbside or roadside.
Fits Dorsey,
Fruehauf, others.
$3^5/_8$" x $3^5/_8$" x $26^3/_4$"
Part No. 1190289

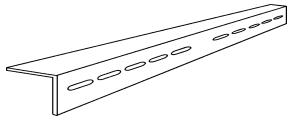


Mudflap Bracket
7 gauge steel, 5" x 24" overall
13/32" dia. holes on 7" centers
Part No. 1190288

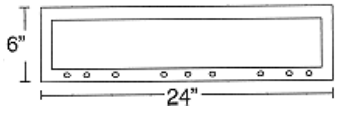


Steel retainer Strap
.120" x 2" x 24"
Part No. 033-00053

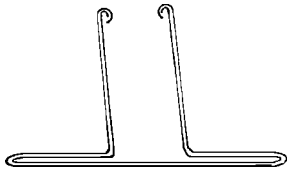
Mud Flap Angle Bracket
11 gauge formed steel angle
2" x 2" x 27.5"
Part No. 1190291



Black Rubber Splash Guard
6" x 24"
Part No. 1013167-2



Anti-Sail Bracket
Works with any length flap
Chromed Steel
Part No. 1190290
Galvanized Steel-zinc plated
Part No. 1190293

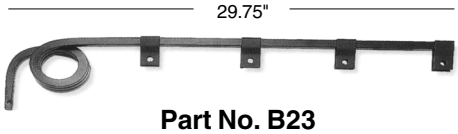


BETTS MUD FLAP BRACKETS

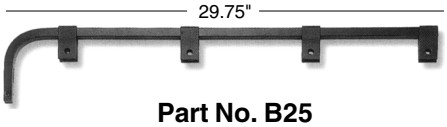
Manufactured from spring steel, all arms are shotpeened and painted to insure longer service life.
All sets include 2 spring arms, 2 steel mounting brackets, clips, nuts and bolts for easy installation.

Standard Hangers

Part No. B21
3/4" Round steel, 7" shorter for close hookups



Part No. B23
.640" Square steel, interchangeable



Part No. B25
.640" Square steel, interchangeable
Single Hanger: Part No. A25R/L

Standard and Heavy Duty Angled Hangers

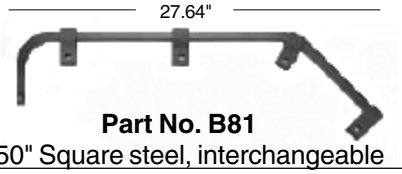
These arms are shortened for close hookups to prevent tangling and jamming on the landing

Standard Angled Hangers

Part No. B33
.640" Square steel, interchangeable

Part No. B35
.640" Square steel, interchangeable
Single Hanger: Part No. A35R/L

Heavy Duty Angled Hangers

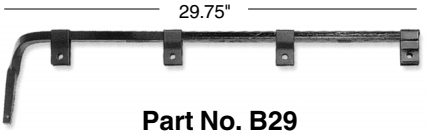


Part No. B81
.750" Square steel, interchangeable

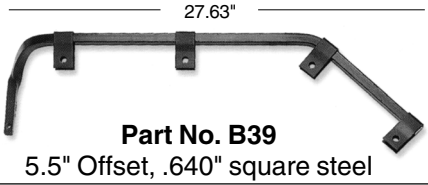
Part No. B84
.750" Square Steel, Interchangeable
Single Hanger: Part No. A35R/L

Standard Off-Set Hangers

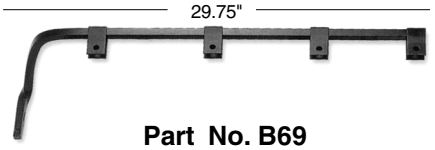
These arms are offset to fit short chassis vehicles.



Part No. B29
5.5" Offset, .640" square steel



Part No. B39
5.5" Offset, .640" square steel



Part No. B69
9" Offset, .640" Square spring steel

Spring Loaded Holders

These hangers spring back after impact.
Robotic welded, black powder coat finish

Part No. B67NT

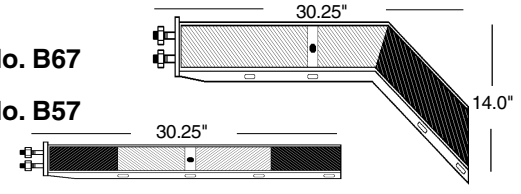
Part No. B57NT

Spring Loaded hangers with Conspicuity Strips

Meets FMVSS for retroreflective material. Assures compliance for all trucks Manufactured after July 1, 1997; gives added conspicuity for vehicles already on the road.

Part No. B67

Part No. B57



Mounting Brackets

Heavy Duty Mounting Bracket
Fits all .640" standard hangers
Part No. B711

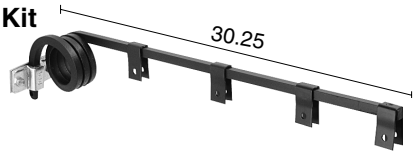
Standard Mounting Bracket
Fits all .750" heavy duty hangers
Part No. B700

FLEET ENGINEERS MUD FLAP BRACKETS

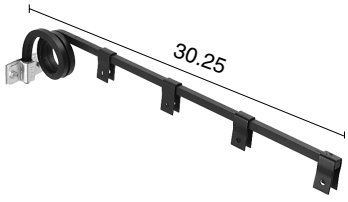
Bar Type Mud Flap Brackets
- •Square Spring Steel
- •Black Primer Finish
- •Kits include 2 arms and all mounting hardware

FLEET ENGINEERS INCORPORATED

Part No. 031-00123
Triple Coil Bracket Kit
.63 square bar,
Standard duty

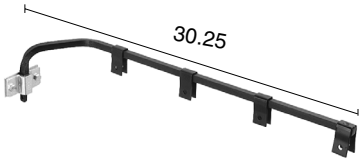


Part No. 031-00108
Double Coil Bracket Kit
.63 square bar,
Standard duty



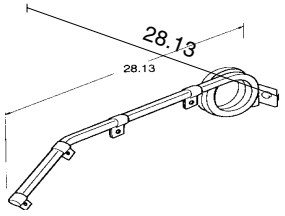
Part No. 031-00125
Right Angle Bracket Kit
.63 square bar,
Standard duty
One arm:
Part No. 034-00426

Part No. 031-00129
5" Offset Bracket Kit
.63 Square Bar,
Standard Duty

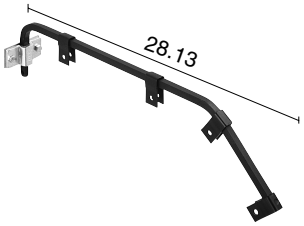


Part No. 031-00133
Shortie Triple Coil Bracket Kit
.63 Square Bar,
Standard Duty

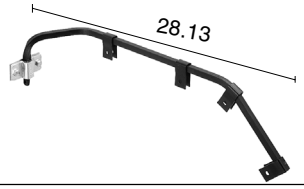
Part No. 031-00110
Shortie Double Coil Bracket Kit
.63 Square Bar,
Standard Duty



Part No. 031-00135
Shortie Right Angle Bracket Kit
.63 Square Bar,
Standard Duty
One arm:
Part No. 034-00433



Part No. B39
Shortie 5" Offset Bracket Kit
.63 square bar,
Standard duty



Standard Mounting Kit
- •Steel construction
- • Zinc plated
- • Kit includes 2 mounting Sockets, 2 backup Plates and necessary Hardware

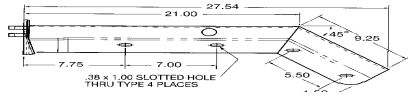
Part No. 031-00162

FB-27 Spring Loaded Mud Flap Brackets
- Heavy duty construction
- E-Coated black primed steel
- Patented seat design eliminates wind caused bracket rotation
- Reduces flap and bracket damage
- Ideal for spray suppression flaps
- Part number is for one set

Standard FB-27 Spring Loaded Brackets

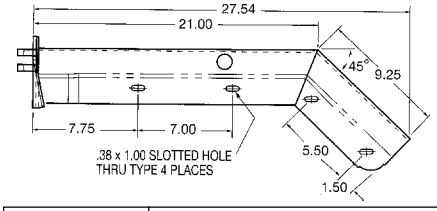
Part No.	Length
033-00270	28.00"
033-00271	20.50"
033-00272	24.50"

Frame Mount FB-27 Spring Loaded Brackets



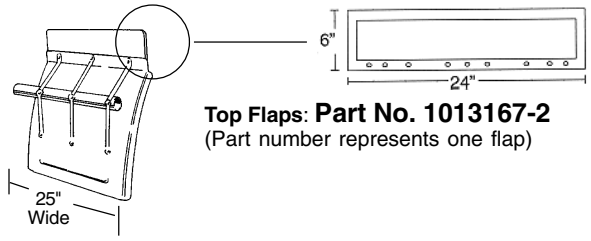
Part No.	Description
033-00868	E-Coated Black Primed Steel
033-00870	Polished Stainless Steel

Shortie FB-27 Spring Loaded Brackets



Part No.	Description
033-00864	E-Coated Black Primed Steel
033-00865	Polished Stainless Steel

TRUCK FENDERS



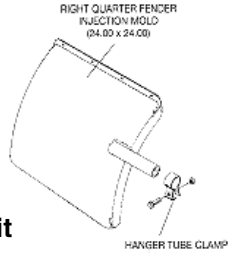
Top Flaps: Part No. 1013167-2
(Part number represents one flap)

Quarter Fenders Primed Steel or Stainless Steel
One pair per carton

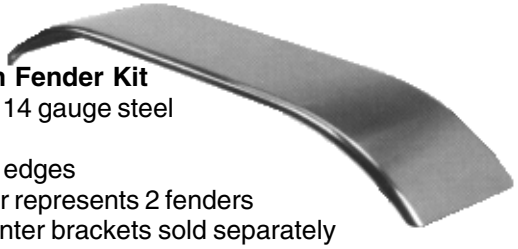
Steel Pipe Mount Quarter Fender
• Each fender 25" wide • Complete with crossbar and mounting hardware
Part No. 1013167KIT

Stainless Steel Pipe Mount Quarter Fender
• Each fender 25" wide • Complete with crossbar and mounting hardware
Part No. 1013167SSKIT

Steel Side Mount Quarter Fender
• Each fender 25" wide
• Complete with mounting hardware
Part No. 1014593KIT

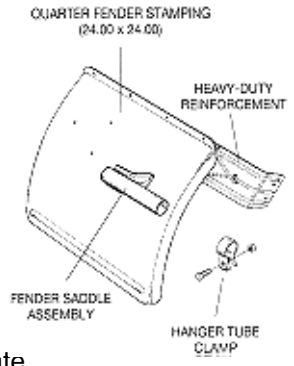


"Air Slipper"
Black Plastic Quarter Fender Kit
• Patented design
• Textured surface with large radius flanges
• Heavy duty reinforcement plate
• Universal fitting
• Pre-assembled for easy installation
• One piece injection molded design
Part No. 031-00406 Fleet Engineers Fender Pair
Part No. 034-00732 (RH) 034-00731(LH) of kit 031-00406.
Part No. 1013169 Fleetline Fender (1900KIT)
Universal Pair; the bar can be switched to RH or LH.



Full Tandem Fender Kit
• Heavy duty 14 gauge steel
• 24" Wide
• Roll formed edges
• Part number represents 2 fenders
• Optional center brackets sold separately
Part No. 1013168KIT

Center Mount Bracket for Full Tandem Fender
Part number represents one bracket
Part No. 1013168BRKT

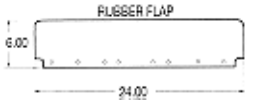


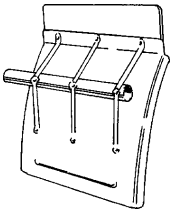
"Air Slipper"
Metal Quarter Fender Kit
• Patented Design
• Smooth surface
• Heavy duty reinforcement plate
• Universal fitting
• Pre-assembled for easy installation

Order Mounts and Top Flaps separately

Part No.	Description
031-00400	Black Primed Steel
031-00402	Polished Stainless Steel

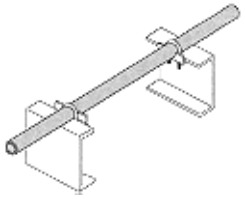
Top Flap Complete With Hardware
2 Plain rubber flaps
Zinc plated hardware
(8 nuts, bolts, washers)
Part No. 031-00242



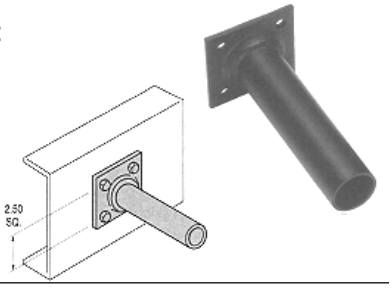


White Top Flap
Each flap 24" wide.
Part No. 1013164

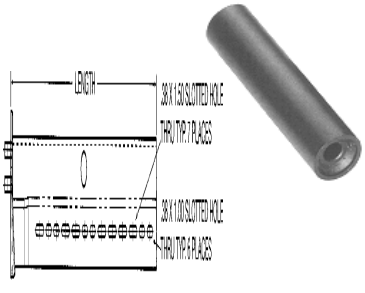
Cross Mount Tube Kit
• Steel components
• Black primer finish
• One cross mount tube and all hardware
Part No. 031-00233



Side Mount Socket Kit
• Steel components
• Black primer finish
• For independent side mounting
• Bolts directly to frame
Part No. 031-00234



Post Mount Socket Kit
• Steel components
• Black primer finish
• For independent post mounting
• Bolts directly to frame or suspension
Part No. 031-00235



FENDER PRODUCTS

FLEET ENGINEERS INCORPORATED

"AIR SLIPPER" QUARTER FENDER "COMBO" PACKAGE SETS

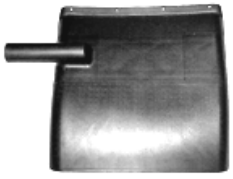
Part No.	Weight	Fender Desc.	Top Flap Pack, Set Desc.
031-00747	34.40	Polished Stainless Steel	Plain White w/ S.S. Hardware

"AIR SLIPPER" QUARTER FENDER "COMBO" PACKAGE SETS

Part No.	Weight	Construction	Top Flap Pack, Set Desc.
031-00921	33.0	Black Primed Steel	Plain White w/ Zinc Hardware

"AIR SLIPPER" QUARTER FENDER "COMBO" PACKAGE SETS

Part No.	Weight	Construction	Top Flap Pack, Set Desc.
031-00924	18.50	Black Plastic	Plain White w/ Zinc Hardware



STANDARD QUARTER FENDER PACKAGED SETS

Part No.	Weight	Construction	Top Flap Hardware	Desc.
031-01070	29.38	18 Ga. Polished S.S.	Stainless Steel	Packaged Set

STANDARD QUARTER FENDER PACKAGED SETS

Part No.	Weight	Construction	Top Flap Hardware	Desc.
031-01071	31.01	18 Ga. Black Primed Steel	Zinc	Packaged Set

SAME AS ABOVE EXCEPT BLACK PRIMED STEEL

LOW MOUNT STANDARD QUARTER FENDER PACKAGED SETS

Part No.	Weight	Construction	Top Flap Hardware	Desc.
031-01074	29.73	18 Ga. Polished S.S.	Stainless Steel	Packaged Set

SPRAYMATE® SUPPORT PACKAGED SET (REPLACEMENT ITEM)

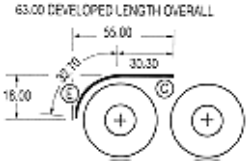
Part No.	Weight	Construction	Hardware
031-00823	3.60	Black Molded Nylon w/ Stainless Steel Retainer	Stainless Steel

SPRAYMATE

TRUCK FENDERS

Standard Duty
Half-Tandem fenders

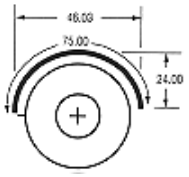
- Ribbed for extra strength
- Part number represents 2 fenders
- 24" Wide
- Roll formed outside edges for extra strength.



Aluminum:
Part No. 034-01321

18 ga. Stainless Polished
Part No. 034-01320

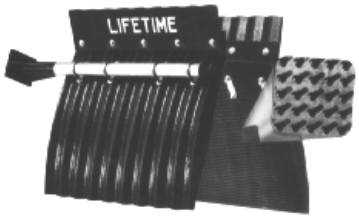
Spray Mate
Polypropylene Fenders



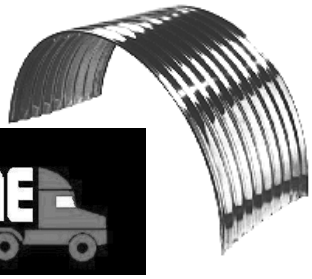
- Tough, high density polypropylene
- Injection molded
- UV additive for fade resistance
- Unaffected by heat and cold
- Set includes 2 fenders, Support kits, and stainless steel mounting hardware
- Anti-spray brush kit (shown) not included

Part No. 031-01520

LIFE-TIME TRUCK FENDERS



LIFE-TIME



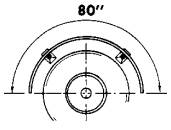
Type 200 Corrugated Single Axle Fenders

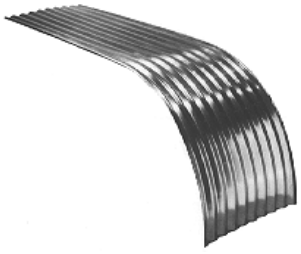
- 5 times stronger than other types of fenders
- Corrugations absorb vibrations, prevent cracking
- Lightest fenders in the industry

Molded Rubber Anti-Spray Quarter Fenders

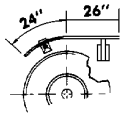
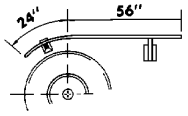
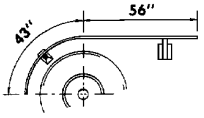
- Contains no plastic or polyethylene - will not break, crack or dent.
- Virtually indestructible - will truly last a LIFE-TIME

Part No.	Description
RS100U	Fender Kit, Crossover Mount
RS100BX2	Side Mount with 1-Bolt Stubs
RS100B2XF	Side Mount - with 4-Bolt Stubs
RS100B2	Side Mount - Without Stubs (no mounts)
RS100B2U	Side Mount - Welded 1-Piece bracket

Galvanized Part No.	Mirror Stainless Part No.	Aluminum Part No.	
G200-80	**MS200-80**	**A200-80**	

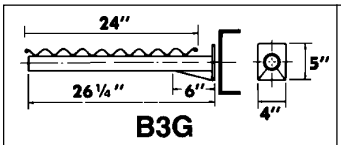


Type 300
Half Tandem
Mounting Brackets
Sold Separately

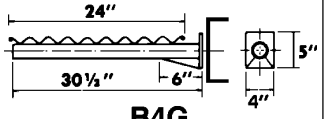
Galv Part No.	Mirror Stainless Part No.	Alum Part No.	
G300-50	**MS300-50**	**A300-50**	50" 
G300-80	**MS300-80**	**A300-80**	80" 
G300-99	**MS300-99**	**A300-99**	99" 

Brackets Needed For tractor Mountings
Mounting Brackets Sold Separately

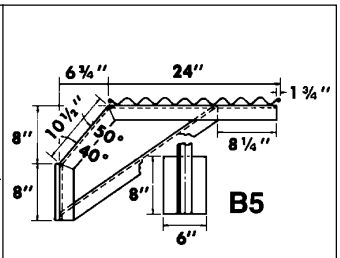
Type	Per Pair	Part No. B3G	B4G	B5
200	Single Axle Fender	--	4	--
300	Half Tandem Fender	--	2	2
400	Tandem Fender	--	4	2
500	Tri-Axle Fender	8	--	--



B3G
(For Trailer Applications)



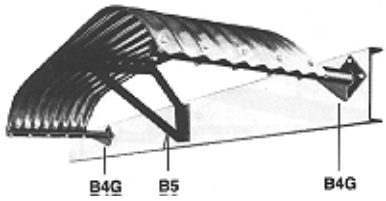
B4G



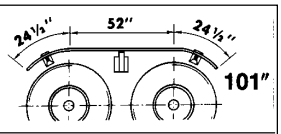
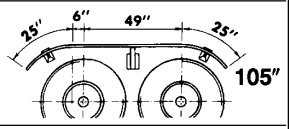
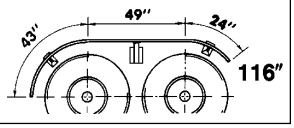
B5

LIFE-TIME TRUCK FENDERS (CON'T)

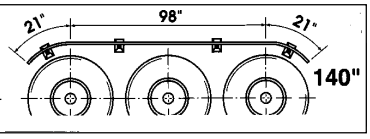
- 5 times stronger than other types of fenders
- Corrugations absorb vibrations, prevent cracking
- Lightest fenders in the industry



Type 400 Corrugated Single Axle Fenders
Four B4G, Two B5 Brackets Per Pair, Sold Separately

Galvanized Part No.	Mirror Stainless Part No.	Aluminum Part No.	
G400-101	MS400-101	A400-101	
G400-105	MS400-105	A400-105	
G400-116	MS400-116	A400-116	

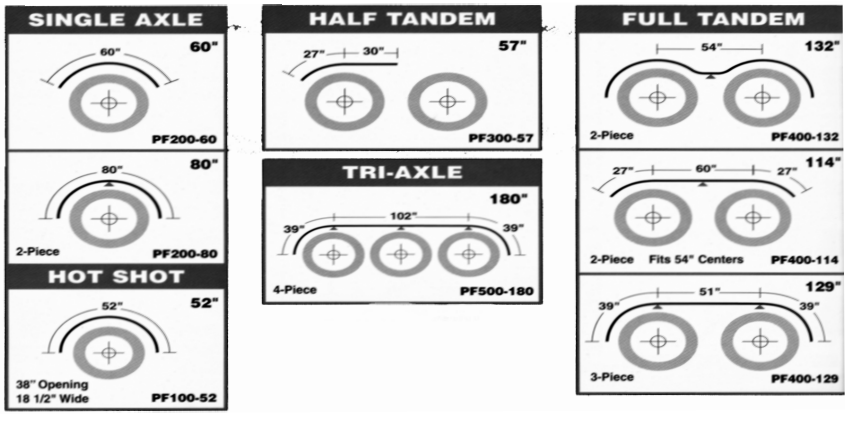
Type 500 Tri-Axle And Lift Axle Fenders
Eight B3G Brackets Per Pair, Sold Separately

Galvanized Part No.	Mirror Stainless Part No.	Aluminum Part No.	
G500-140	MS500-140	A500-140	

LIFETIME POLY FENDERS

Part No.'sPF200-60 **PF300-57** **PF400-132 (2-PIECE)**

Part No. PF200-80 (2 PIECE)



Part No. PF400-114 (2 PIECE) -54" CENTERS

Part No.'s PF100-52 **PF500-180(4-PIECE)** **PF400-129 (3-PIECE)**

LIFETIME INSTALLATION KITS

OEM	PART #	TYPE	BRACKET FRONT	BRACKET CENTER	BRACKET REAR
KENWORTH	K300-	HALF TANDEM	(2) B607	(2) B706K	
	K400-	FULL TANDEM	(2) B607	(2) B706K	(2) B607
PETERBILT	P300-	HALF TANDEM	(2) B607	(2) B708	
	P400-	FULL TANDEM	(2) B607	(2) B708	(2) B607
FREIGHTLINER	F300-	HALF TANDEM	(2) B607	(2) B704	
	F400-	FULL TANDEM	(2) B607	(2) B704	(2) B607
VOLVO	V300-	HALF TANDEM	(2) B607	(2) B706V*	
	V400-	FULL TANDEM	(2) B607	(2) B706V*	(2) B607
MACK NAVISTAR	M300-	HALF TANDEM	(2) B607	(2) B706*	
	M400-	FULL TANDEM	(2) B607	(2) B706*	(2) B607
WESTERN STAR	W300-	HALF TANDEM	(2) B607	(2) B706W	
	W400-	FULL TANDEM	(2) B607	(2) B706W	(2) B607
SINGLE-AXLE	L200-	SINGLE-AXLE	(2) B607		(2) B607

BACK-UP ALARMS

Fleetcraft Evacuator Plus backup alarms feature a lightweight piezo-electric output circuit. It is highly resistant to vibration damage. The housing is made of high impact ABS plastic resin and is sealed against moisture, dust and corrosion. It is steam cleanable. It is reverse polarity and voltage spike protected, and can be installed on positive and negative ground vehicles.

Voltage: 12 to 48 VDC
Current Draw: L/T .10 Amps
Weight: .284 lbs. (129 grams)
Pulse Frequency: Approx. 2400 Hz
Temp. Range: -40 to 165 Deg. F.

Sound Level	Part No.
87 dB	**210330**
97 dB	**210331**
107 dB	**210333**
112 dB	**210335**

TARGET TECH
FEDERAL SIGNAL CORPORATION

Self-Adjusting Alarm

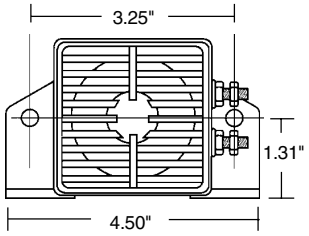
- Adjusts automatically to environmental noise, reducing irritation for operators & workers
- Sealed solid state electronics Meets OSHA, SAE J994, Bureau of Mines & all state regulations
- Operating temperatures range from -40 F to +170 F
- Caution:Alarm must "hear" surrounding noise levels to properly adjust its sound output
- Mount alarm at rear of vehicle facing the back without obstruction in the listening field
- Material: Rugged glass nylon housing.

Part No. TL92905
Self Adjusting Alarm

Truck-Lite

PRECO

All Preco Electronic Alarms Feature:
• 24 month warranty • Passed million cycle operational test • Meet OSHA, Bureau of Mines and state regulations • Decibel ratings are +/- dB (A) @4' as specified in SAE J994 Mar 85 • Solid state electronics sealed in urethane • Steam cleanable *Temp range of -40 degree to +170 degree F. • All alarms, circuit boards, speakers and drivers are manufactured in the U.S.A.



BAC-A-LARM® 200 Series
This 200 Series alarm is in the highest demand category of any low sound level alarm on the market. Weight: 10 oz. Dimensions: 4.02L, 1.6"D, 2.67"H.

87 Decibels, 12V, SAE J994 Type D
Part No. 220

97 decibels, 12V, SAE J994 Type C
Part No. 230

102 Decibels, 12-24V
Part No. 250

Mounting
Suggestion:
Truck-Lite
TL40720 Bracket
TL40403 Grommet & Pigtail

Preco Alarms

PRECO

40-Series BAC-A-LARM
New. The most compact 4" alarm on the market. This flush mount alarm fits into any 40 series round hole and requires no tools for installation.

- Use industry standard 40-series grommets
- Use industry standard 2 or 3 pronged pigtails
- Steam cleanable
- Dimensions: $4^{5}/_{16}$" round, $1^{3}/_{4}$" deep
- Weight 12 oz.
- Voltage spike protected
- Works with positive or negative ground systems
- 2 Year warranty

Part No. 4030 97 decibels - 12V
Part No. 4050 102 decibels - 12V

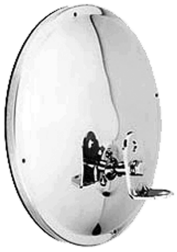
TARGET TECH
FEDERAL SIGNAL CORPORATION

These heavy gauge, chrome-plated steel back-up alarms are gravity activated. When the vehicle backs up at a reasonable speed, four heavy steel balls fall and strike the bell housing. Mechanical alarms do not require a battery and will function with the motor on or off.

Part No.	Amp	L x W x H
210400	87dB	6.0 x 6.0 x 3.6
210402	105dB	8.7 x 8.7 x 3.6

MIRRORS & ACCESSORIES

7½" Round Convex Mirror



7½" Diameter, offset stud,w/ bracket
Polished Stainless Steel
Part No. 708509

8½" Round Convex Mirror

8½" Diameter, center stud, w/ bracket
Polished Stainless Steel
Part No. 708501

6" Round Convex Mirror

6" Diameter, center stud, w/ bracket
Polished Stainless Steel
Part No. 708515

7½" Round Convex Mirror

• Center Stud
5/16" female adjustable
ball stud and bolt,"L" bracket included
• Glass mounted black gasket

Polished Stainless Steel
Part No. 708508

8½" Round Convex Mirror

• 5/16" female adjustable
ball stud and bolt
• Glass mounted in black gasket
• "L" bracket included, center mount

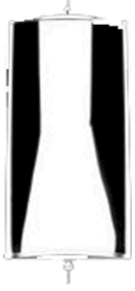
Black
Part No. 708503
Polished Stainless Steel
Part No. 708502

5" Round Black Convex Mirror

• Center Stud, with bracket
• Includes arm and clamp
to attach securely to
mirror arm
• Black painted steel back

Part No. 708521

Pillow Back West Coast Mirror



•6½" x 16"
Polished Stainless steel
•1/8" silvered mirror
• 5/16" hardware
Part No. 705102

Pillow Back Flat Ribbed West Coast Mirror

• 6½" x 16" mirror
• 5/16" hardware
• Painted Steel Finish

Black
Part No. 705104
White
Part No. 705105

Stainless West Coast Mirror

• 7" x 16" Polished stainless
• Angle Back Design
with frame
• 5/16" hardware
Part No. 705333
Part No. 705335 (Heated)

Economy West Coast Mirror

• 6" x 16" silvered mirror
• Aluminum back
• 5/16" rod-through
construction
Part No. 1012110

6½" x 6 Side Mount Convex Wide Angle Mirror

• 5/16"-18 mounting port
• Replaceable 1/8" silvered glass with 21" radius of curvature.
• Outer gasket for edge shock protection.

Stainless Steel Finish
Part No. 704095

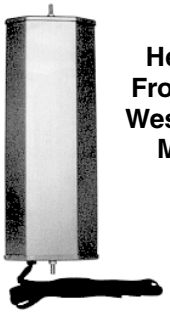
Replacement Parts:
Part No. 702023 Glass
Part No. 703005 Gasket

Round 3-3/4" Stick-On Convex Mirror

• Extends drivers view
• Bonds instantly
• Single strength silvered mirror
• Aluminum mirror back

Part No. 14-4003

GROTE MIRRORS & ACCESSORIES AND TRUCKLITE



Heated, Frost-Free West Coast Mirror

- 7" x 16" mirror
- Internal heating element
- Polished plate glass silvered mirror
- weather sealed in vinyl
- 5/16" rod-through construction

Part No. GR16053

Grote

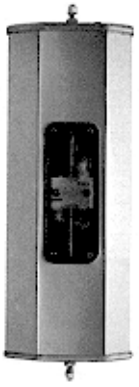
Round Clamp-On Stack and Spot Convex Mirrors

- Wide angle vision
- Arms and clamp included
- Silvered mirror

Stainless Steel
Part No. GR28033
6" Convex
White Enamel
Part No. GR28041
Stainless Steel
Part No. GR28043

Stainless "L" Bracket
Heavy duty. Allows mounting of convex mirror on West Coast mirror brackets
Part No. GR11133

Grote



Grote

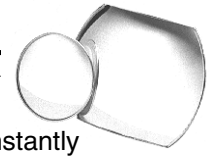
West Coast Mirror With Clearance Light

- 6" x 16" stainless mirror
- 5/16"-24 thru-stud
- Large yellow lens with double swirl optics
- Two bulbs
- Double strength silvered mirror

Part No. GR16063

Stick-On Convex Mirrors

Grote

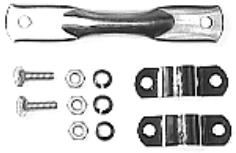


Bonds instantly
Single strength silvered mirror
3" Round
Part No. GR12004
Rectangular 4" x 5½"
Part No. GR12164

8" Round Convex Mirror

- Glass Convex Mirror
- *Adhesive Heater Board*
- Single Strength Silvered Mirror
- 60" two-conductor jacketed blunt cut cable

Part No. GR12283



Extension Arm & Clamp Assembly for Stack Mirrors

- Stainless steel

Part No. GR10073

West Coast Mirrors 7"x 16" OEM Style

- Features "second surface" silvered glass that resists pitting, peeling & corrosion
- Stainless steel housing
- Designed at 13.5v, .59 amp & 4 cp
- Light Source: 2 - Bulb: #67, G- 6 bayonet

Part No. TL97827
Mirror, Heated, Lighted

Truck-Lite

Truck-Lite

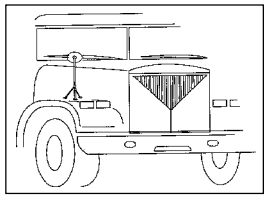
Heated Stainless West Coast Mirror

- 7" x 16" Bright stainless
- 5/16"-24 mounting stud
- Improved temperature control.
- 12V 32W heater uses less than 1 amp during normal operation.

Part No. TL97809

Universal Tripod Fender Mounted Mirror

Truck-Lite



Eliminate blind spots
- Fully adjustable
- Use with convex mirror heads to increase vision
- Stainless steel arms with 3" coated washers.

Part No. TL97829

Truck-Lite

5" Round Convex Mirror

- 5/16" female adjustable ball stud and bolt
- Glass mounted in ozone resistant vinyl gasket
- "L" bracket included
- Black

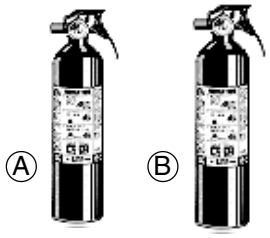
Part No. TL97802

SAFETY PRODUCTS

Rough Service Drop Cord Light Bulbs

Part No.	Description
RS75	75 Watt, 115V, 24/Case
RS100	100 Watt, 115V, 24/Case
Coated Shatterproof Bulbs	
RS75C	75 Watt, 115V, 24/Case
RS100C	100 Watt, 115V, 24/Case

Dry Chemical Fire Extinguishers



Ⓐ2.5 Lb. UL Rated 10B:C.
For grease, oil, gasoline & electrical fires. Plastic nozzle. Bracket included.
Part No. 1014204

Ⓑ2.75 lb. UL Rated 10B:C.
For grease, oil, gasoline & electrical fires. Metal nozzle with noncorroding gauge. Fully rechargeable. Bracket included.
Part No. 1014205

5 lb. UL Rated ABC
For grease, oil, gasoline and electrical fires, plus wood and paper fires. Metal nozzle with hose and noncorroding gauge. Fully rechargeable. Bracket included.
Part No. 1013303
Bracket Part No. 420119

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

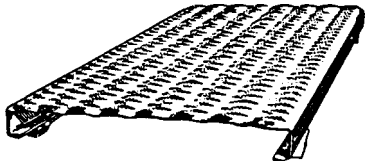
First Aid Kit

Compact 3" x 5" x 8"
White Metal Case
Contents:

2	1" x 3" Bandage
1	4" Bandage Compress
1	2" Bandage Compress
1	Triangular Bandage
1	Eye Dressing
1	Ammonia Inhalant
1	Wound Wipes
1	Burn Cream Packets

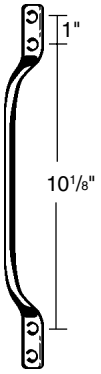
Part No. 1010180

Safety Catwalk



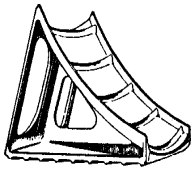
For installation behind cab. Provides good nonskid surface, even in winter. 12 gauge steel. Zinc plated.
$33\frac{3}{4}$" x $18\frac{3}{4}$"
Part No. 1014217

Chrome Grab Handle



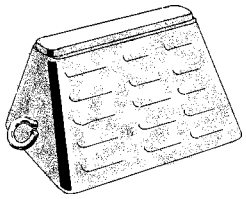
13" overall, 7" grab area. 2" high. Holes countersunk for 1/4" screws
Part No. 1014218

Cast Aluminum Wheel Chock



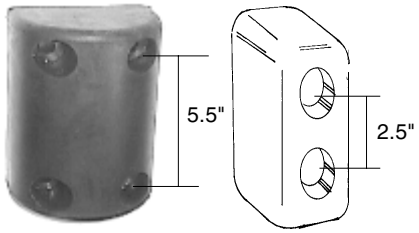
7" wide, 8" high, 11" long
Part No. 1013984

Rubber Wheel Chock



Reinforced rubber with eyebolt
6" wide, 10" high, 8" long
Part No. 1013985

Rubber Dock Bumpers



Four Hole bumper
Molded, reinforced with flexible cord. Four 5/8" diameter mounting holes.
$3\frac{3}{4}$" deep, $5\frac{1}{4}$" wide, 8" high.
Part No. 1190550

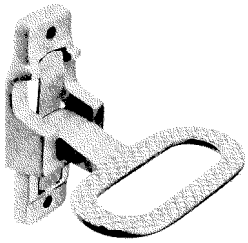
Two Hole Bumper
Molded tough rubber compound. Two 9/16" diameter mounting holes.
$3\frac{1}{4}$" deep, $2\frac{7}{8}$" wide, 6" high.
Part No. 1149548

Rubber "D" Bumpers

4" x 4" x 12" with two 13/16" diameter holes on 8" centers
Part No. 1149549
$2\frac{1}{8}$" x $1\frac{7}{8}$" x 10" with 2 holes
Part No. 1149551

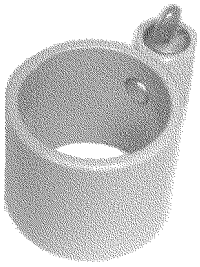
SAFETY PRODUCTS

Folding Step



Combination safety step and hand hold. Protrudes 4", 4" wide Spring loaded. Zinc plated.
Part No. 1032157

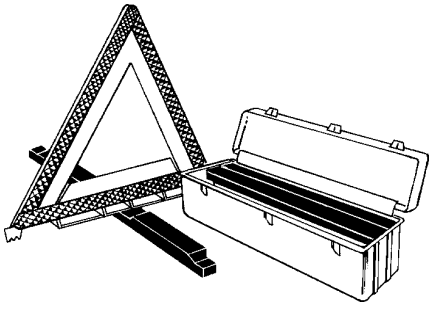
King Pin Lock



High strength rolled steel design. Includes 2 keys.
Key numbers 100 and 101 are available.
Part No. 1190374-100 or -101

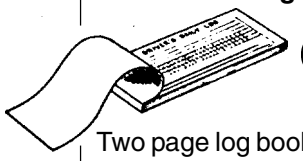
Other Key Numbers Special Order

Triangle Warning Kit



Three triangles packed in corrosion-proof plastic storage box. Heavy base with rubber feet helps withstand high winds. Meets or exceeds all applicable DOT, FMVSS, and state requirements.
Part No. 1014509

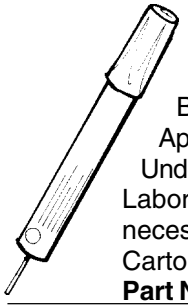
Log Books



FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Two page log books. Case quantity 100.
Part No. 2-PAGE

20 Minute Spiked Fusee

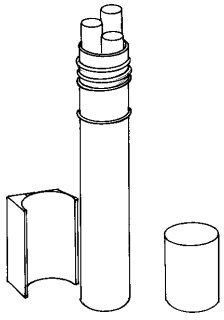


Made in accordance with specifications of Bureau of Explosives. Approved by Underwriter's Laboratories. Meets all necessary Specifications.
Carton Quantity: 72
Part No. 1011038

30 Minute Fusees

Part No. 1011068 w/wire stand
Part No. 1011078 w/spike

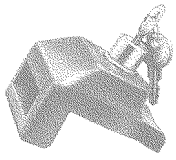
Fusee Storage



Kit includes mounting bracket, fusee case, and screw-off cap.
Part No. 14031

Gladhand Lock

Made of engineering grade plastic. Virtually unbreakable. Install on emergency line. Includes 2 keys.
Part No. 1011455-key number
(Key Numbers 141,147,150,156,157)



Shipping Seal

Consecutively numbered. 8.5" long. Packs of 100.
Part No. 1010109

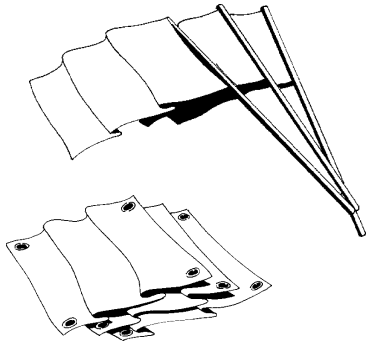
Wide Load Banners

14" high, 72" long, with grommets in each corner. Yellow background with 12" high black letters.
"Wide Load" one side,
"Oversize Load" on opposite side.
Part No. 1010215

Larger size for compliance in some states. 18" high, 84" long.
Same titles as described above.
Part No. 1010216

18" x 18" Flourescent red nylon/vinyl flag 3/4" x 27" wood dowel.
Part No. FLAG

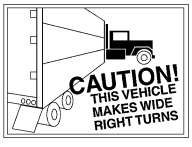
18" x 18" Ms. Cartia red jersey flag
Part No. FS300C



Made from durable fabric to withstand wind and weather.
18" x 18" flag.
With 24" dowel
Part No. 1010218

Flags only, 18" x 18", with grommets in each corner
Part No. 1010219

Wide Turn Sign



Highly visible red, black and yellow sign. Adhesive backing. 14" high, 18" wide.
Part No. 1014165

SAFETY PLACARDS

Spacemaster® Flip Panel Placards
The original permanent placarding system
Our most popular placard comes with eight titles. Just flip to the appropriate panel for DOT compliance. Aluminum alloy frame with easy to flip aluminum titles with four hold-down clips per panel.

Aluminum alloy frame with eight color general commodities flip titles:
Dangerous - Flammable - Corrosive - Oxidizer - Poison - Flammable Gas - Non-Flammable Gas - Radioactive - Blank
Part No. 1014161 (81-FO)

Clipped Corner Placards
Two clipped corners for installation on 15" roll-up door panels. Same 8 general commodities as listed above.
Part No. 1014163 (81-8CC)

LABELMASTER

Split Frame for Roll-Up Doors
Split frame for installation on trailer roll-up doors.
Same 8 general commodities as listed above.
Part No. 1014161-SPLIT (81-8SFO)

Slidemaster® Placard Holder
Anodized aluminum.
Accommodates metal, tagboard, and rigid vinyl placards.
Stainless clip holds firmly in place
Part No. 1014161-SLIDE
(80SM97)

Split Frame Slidmaster®
For roll-up door applications.
Part No. 1014161-SPLIT/SL

(80SM/S97)

Duo-Flip® Panel Placards
Duo-Flip® placards allow compliance to DOT regulations by changing the titles along with the necessary ID numbers. Just flip to the appropriate panel and number combination for DOT compliance. Aluminum alloy frame with easy to flip aluminum titles with four hold-down clips per panel.

Part No.	**Description**
1014162	Combustible - Flammable - Corrosive - Poison - Blank.
(126CT)	Numbers flip on stainless hinges

Locking Clip
Two hole replacement clip for safety placards
Part No. 1014161-CLIP (81-CLIP)

COMMODITY HAZARD CLASS CHART

UN No.	Commodity	Hazard Class	No.
1005	AMMONIA, ANHYDROUS, LIQUEFIED	NONFLAMMABLE GAS	2
1010	BUTADIENTES, INHIBITED	FLAMMABLE GAS	2
1017	CHLORINE	POISON GAS	2
1073	OXYGEN, REFRIGERATED LIQUID	NONFLAMMABLE GAS	2
1075	LIQUEFIED PETROLEUM GAS	FLAMMABLE GAS	2
1086	VINYL CHLORIDE	FLAMMABLE GAS	2
1090	ACETONE	FLAMMABLE LIQUID	3
1170	ETHYL ALCOHOL; ETHANOL; ETHANOL SOLUTION	FLAMMABLE LIQUID	3
1193	ETHYL METHYL KETONE	FLAMMABLE LIQUID	3
1203	GASOLINE	FLAMMABLE LIQUID	3
1208	HEXANES	FLAMMABLE LIQUID	3
1219	ISOPROPANOL	FLAMMABLE LIQUID	3
1230	METHANOL (OR METHYL ALCOHOL)	FLAMMABLE LIQUID	3
1255	NAPHTHA	FLAMMABLE LIQUID	3
1263	PAINT	FLAMMABLE LIQUID	3
1267	PETROLEUM CRUDE OIL	FLAMMABLE LIQUID	3
1270	PETROLEUM OIL	FLAMMABLE LIQUID	3
1294	TOLUENE	FLAMMABLE LIQUID	3
1296	TRIETHYLAMINE	FLAMMABLE LIQUID	3
1301	VINYL ACETATE, INHIBITED	FLAMMABLE LIQUID	3
1307	XYLENES	FLAMMABLE LIQUID	3
1671	PHENOL, SOLID	POISON	6
1719	CAUSTIC ALKALI LIQUIDS, N.O.S.	CORROSIVE	8
1760	COMPOUNDS, CLEANING LIQUID; CORROSIVE LIQUIDS, N.O.S.	CORROSIVE	8
1789	HYDROCHLORIC ACID, SOLUTION	CORROSIVE	8
1791	HYPOCHLORITE SOLUTIONS	CORROSIVE	8
1805	PHOSPHORIC ACID	CORROSIVE	8
1814	POTASSIUM HYDROXIDE, SOLUTION	CORROSIVE	8
1824	SODIUM HYDROXIDE SOLUTION	CORROSIVE	8
1830	SULFURIC ACID	CORROSIVE	8
1831	SULFURIC ACID, FUMING	CORROSIVE	8
1863	FUEL, AVIATION, TURBINE ENGINE	FLAMMABLE LIQUID	3
1866	RESIN SOLUTION	FLAMMABLE LIQUID	3
1986	DENATURED ALCOHOL; PROPARGYL ALCOHOL; ALCOHOLS TOXIC N.O.S.	FLAMMABLE LIQUID	3
1993	FLAMMABLE LIQUIDS, N.O.S., FUEL	FLAMMABLE LIQUID	3
1993	OIL, COMBUSTIBLE LIQUID, N.O.S.	COMBUSTIBLE LIQUID	3
1999	ASPHALT	FLAMMABLE LIQUID	3
2055	STYRENE MONOMER, INHIBITED	FLAMMABLE LIQUID	3
2672	AMMONIA SOLUTIONS	CORROSIVE	8
2734	ALKYLAMINES, N.O.S. OR POLYALKYLAMINES, N.O.S.	CORROSIVE	8
2789	ACETIC ACID, GLACIAL	CORROSIVE	8
2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	FLAMMABLE LIQUID	3

TIRE/CABLE CHAINS

The new "TA" series (TA1900 Series for singles and TA3900 for duals) is a familiar-looking product with a few unique new features. **Alloy Radial Chain** is available in both single and dual applicatons.

·SCC's "traction coil" cross members have always been the best performing and most durable cable-style cross members on the road, but **Alloy Radial Chain**'s traction coils are made from manganese alloy steel for even greater durability.

- **"TA" Alloy Radial Chain** uses a link-style fastening system with an "over center" outside latch for easier installation and re-adjustment.
- These cables are legal to use in every state where winter traction products are allowed.
- Low operating space requirements (around drive tires).
- Simple mounting and removal, due to its low weight.
- Improved starting, stopping and cornering performance.

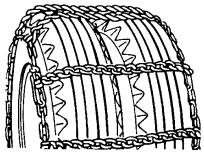
HEAVY TRUCK/BUS APPLICATIONS

Part No.	Tire Applications
TA1945	10.00R20, 11R22.5, 275/R22.5, 285/75R22.5, 295/75R22.5, 265/75R22.5,
Wt./Pr.	275/80R22.5, 275/85R22.5, 285/75R24.5,
22 lb	275/80R24.5
TA1949	11.00R20, 12.00R20, 10.00R22, 11.00R22, 12R22.5, 12.5R22.5, 12.00-24, 12R24.5,
Wt./Pr.	315/80R22.5, 285/80R24.5, 295/80R22.5,
23 lb	305/75R24.5, 11R24.5, 11.00-24

Several Western States (California, Oregon, Washington) have chain laws that require carrying and/or using winter traction products at certain times or under certain road conditions. In these states, failure to carry or use winter traction products as prescribed by local authorities can and may result in fines and/or other penalties. These "chain laws" are the most complicated for commercial vehicles, specifically tractor trailer combinations.

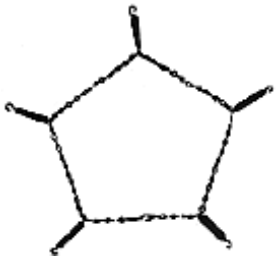
Questions about chain laws and current regulations can be directed to the following:

•Oregon DOT (Ashland, OR)(541) 482-4344• •Oregon DOT (Salem, OR)(503) 986-3005•
•California DOT (Sacramento) (916) 654-3102• • Washington DOT (Olympia)(360) 705-7000•
•Colorado DOT (Denver) (303) 757-9536•



All Part Numbers On This Page Represent One Pair

QUIK GRIP
BY SECURITY



Chain Tightener
For large trucks or light trucks.
Chain and spring galvanized.
Part number represents one pair.
Part No. QG20073
Part No. QG20071

Truck Link Chain
Type SH - Single Truck Highway Service

Part No.	Tire Applications	Weight/Pr.
QG2239CAM	9.00-22/8.25.20, 255/80-22.5, 255/70-22.5, 265/75R22.5	49.0
QG2241CAM	9.00-20, 10-22.5,	49.0
QG2243CAM	275/80R22.5, 285/75R22.5, 295/75R22.5	48.0
QG2245CAM	10.00-20, 11*22.5, 10.00/90R20	50.0
QG2247CAM	275/80R24.5, 285/75R24.5	50.0
QG2249CAM	10.00-22, 11-24.5	54.8
QG2251CAM	12.5-22.5, 11.00-20, 12-22.5, 11.50-20, 295/80R22.5, 285/80-24.5	69.0

Cam Type SH - Single Truck Highway Service
Cam Style Tightening System - Heavy Duty 5/16" Cross Chains

Part No.	Tire Applications	Weight/Pr.
QG2244HD	10.00-20, 11-22.5, 275/80R22.5, 285/75R22.5, 10.00/90R20	55.8
QG2250HD	10.00-22, 11-24.5,	59.3

Type DTH
Dual/Triple - Highway Service

Part No.	Tire Applications	Weight/Pr.
QG4239CAM	8.25-20, 9-22.5, 255/70R22.5, 265/75R22.5, 255/80R22.5	77.4
QG4241CAM	9.00-20, 10-22.5,	98.6
QG4243CAM	275/80R22.5, 285/75-22.5, 295/70-22.5	92.0
QG4245CAM	10.00-20, 11-22.5, 10.00/90R20	88.6
QG4247CAM	275/80R24.5, 285/75R24.5	96.5
QG4249CAM	10.00-22, 11-24.5	100.00

TIRE/CABLE CHAIN ACCESSORIES

CROSS CHAIN END HOOK

Part No.	Rod Dia (IN)	Type	Inside Length (IN)	Weight/Bag (LBS.)	Packaging
QG20053	5/16 .312	DH-LT TRUCK RS RDT, LSM, DTH, SH, CAM-SH, CAM-DTH	1.562	4.00	25/bag

SIDE CHAIN END FASTNERS

Part No.	Size/Type	Type	Weight/Bag (LBS.)	Packaging
QG20068	9/32', 5/16 with clevis attachment	SH, DTH, RS, DH, SM, DTM, OTR, FTH Twin Grip	5.00	10/bag

SIDE CHAIN FASTNER SPEED HOOK

Part No.	Type	Rod Dia. (IN)	Inside Reach (IN)	Weight/Bag (LBS.)	Packaging
QG20086	CAM, CAM-HD	0.375	2.15	4.00	25/bag

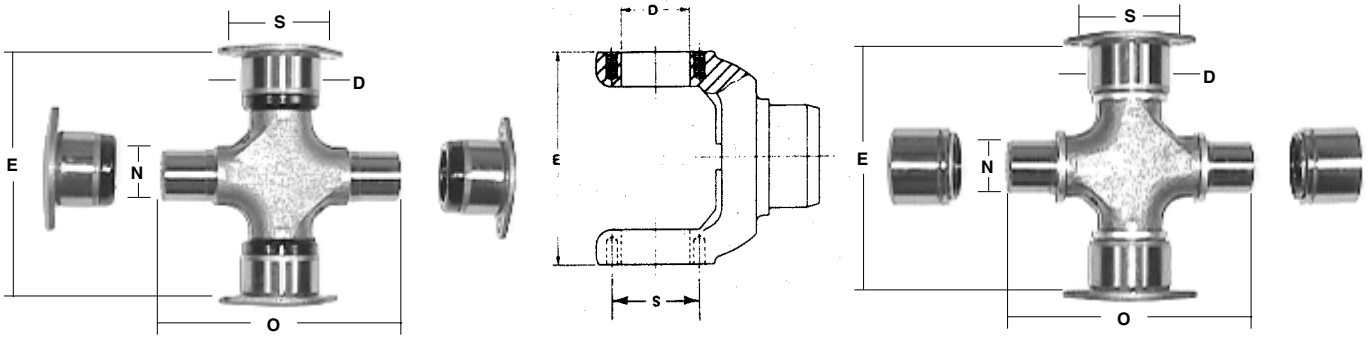
REGULAR LINK REPLACEMENT CROSS CHAIN WITH END HOOKS (BULK PACKAGING)

Part No.	Links	Link Dia. (IN)	Inside Length (IN)	Weight/Bag (LBS.)	Packaging
QG6255	11	9/32, 0.281	16.87	62.50	50/bag

SNOW CHAIN MOUNTING KIT FOR SNOW CHAIN CARRIERS

Part No.	Size/Type	Type	Weight/Bag (LBS.)	Packaging
PT119	"No drill" mounting kit	Mount Anywhere 8 " wide	4	EACH

FLEETCRAFT UNIVERSAL JOINTS



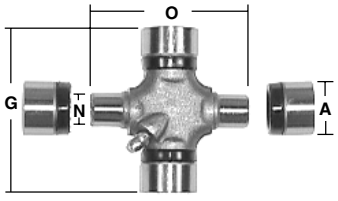
FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

(A) (B)

E	D	S	N	O			
Yoke Dimension	Bearing Diameter	Centerline to Centerline Bearing Bolt Hole	Cross Trunnion Diameter	Cross Overall Length	Series	Part No. (A)	Quick Disconnect Part No. (B)
5.312"	1.875"	2.308"	1.272"	5.001"	1610	**G5-279X**	**G5-674X**
6.094"	1.937"	2.432"	1.298"	5.784"	1710	**G5-280X**	**G5-675X**
7.000"	1.937"	2.432"	1.298"	6.692"	1760	**G5-407X**	**G5-677X**
7.547"	1.937"	2.432"	1.298"	7.242"	1810	**G5-281X**	**G5-676X**

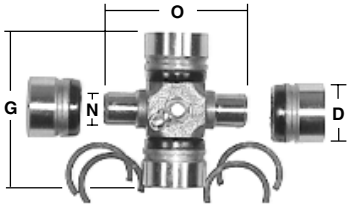
Outside Snap Ring Style Replacement Kits

G	D	N	O				
Snap Ring Dimension	Bearing Diameter	Cross Trunnion Diameter	Cross Overall Length	Lube Fitting	Yoke Dim.	Series	Part No. No.
3.218"	1.063"	.657"	2.968"	Yes	3.469"	1310	**G5-153X**
4.964"	1.375"	.895"	4.654"	Yes	5.250"	1550	**G5-155X**



Inside Snap Ring Style Replacement Kits

K	D	N	O			
Snap Ring Dimension	Bearing Diameter	Cross Trunnion Diameter	Cross Overall Length	Lube Fitting	Series	Part No. No.
1.500"	.938"	.505"	2.080"	Yes	1000	**G5-170X**



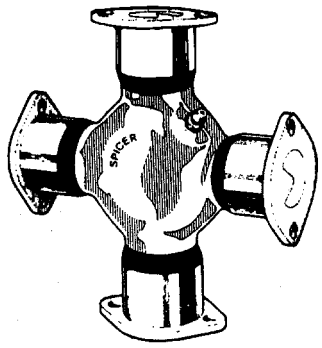
SPICER UNIVERSAL JOINTS

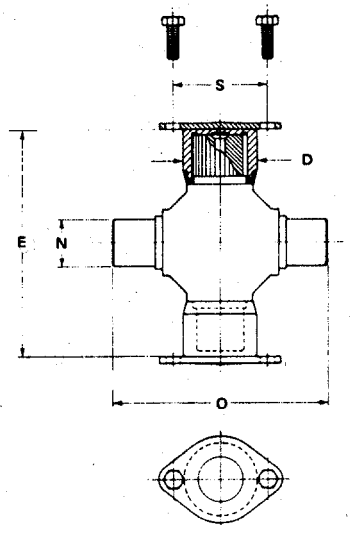
SPICER®

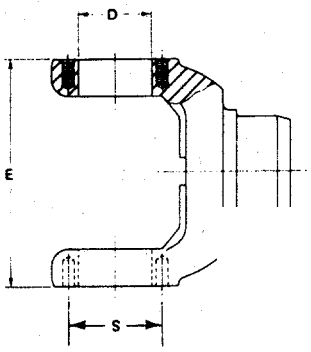
DANA

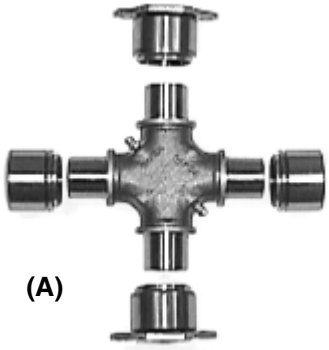
U-JOINTS

BEARING PLATE STYLE REPLACEMENT KITS









(A)

E	D	S	N	O	Original Equipment			
Yoke Dimension	Bearing Diameter	Centerline to Centerline Bearing Bolt Hole	Cross Trunnion Diameter	Cross Overall Length	Manufacturer	Series	Part No. (Contains Lube Fitting)	Quick Disconnect Part No. (A)
5.312"	1.875"	2.308"	1.272"	5.001"	Spicer	1610	•**SP5-279X**(1)	**SP5-674X**
6.094"	1.937"	2.432"	1.298"	5.784"	Spicer	1710	•**SP5-280X**(1)	**SP5-675X**
7.000"	1.937"	2.432"	1.298"	6.692"	Spicer	1760	•**SP5-407X**(1)	**SP5-677X**
7.547"	1.937"	2.432"	1.298"	7.242"	Spicer	1810	•**SP5-281X**(1)	**SP5-676X**

(1) Kit with 2 lube fittings
• Standard kit for its series

Max. Momentary Joint Angle	Standard Slip of d/s	Rotating Dia. of d/s	Rotating Dia. of End Yoke	Tubing O.D.	Wall Thickness	Part No.
25°	110mm, 4.33"	180mm, 7.09"	193mm, 7.60"	126mm, 4.96"	3.0mm, 0.20"	**SPL170X**
25°	110mm, 4.33"	180mm, 7.09"	193mm, 7.60"	128.5mm, 5.06"	4.25mm, 0.17"	**SPL250X**

GOODYEAR BELTS

GOODYEAR

Matchmaker® Belts

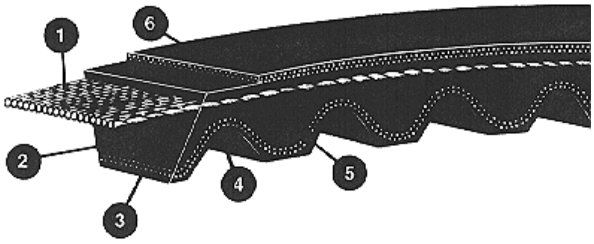
Look for the Matchmaker® trademark that identifys belts produced to matched set tolerances.

Goodyear innovation and leadership in belt design and manufacture permits Goodyear to build belts to more precise tolerances. Matchmaker identified belts of the same part number always match right from stock. You don't have to carry extra sets of belts just to meet the special requirements of multiple belt drives. That also means that you can eliminate the inventory clutter that occurs when someone breaks a matched set to obtain a single belt in a hurry.

Hi-Miler® Truck Belts

Designed For Long Life

Everything that goes into the molded cog Hi-Miler® belt by Goodyear is designed to extend its life. To maintain consistent, reliable performance in the tough environment under the hood. The cutaway illustration shows the quality materials and quality construction that make the molded cog Hi-Miler® the world's most durable truck belt.



1. High Strength Vytacord® tension members resist shock load failure. Their low stretch properties assure uniform performance over the life of the belt.

2. The compression section is a special rubber compound that assures smooth and even transfer of load forces to the cords.

3. Cogs are molded to precise engineering tolerances to improve flexibility and maintain cord support. Cog geometry provides a large area for air circulation to keep the belt cool and prevent damaging heat buildup in the cushion section.

4. Two ply fabric reinforcement provides strength and stability for the cogs and cushion section.

5. Rubber edges maintain positive, no-slip contact with pulley grooves for reliable energy transfer.

6. The tension fabric is impregnated with Wingprene® and oil resistant rubber. This combination reduces fatigue and resists cracking.

Gatorback Poly-V Belts

Strong, Stretch-Resistant Tension Members

Specially treated to maintain tension and resist stretch on both locked center drives and spring tension systems.

Tough Synthetic Rubber Ribs

Fiber reinforced Wingprene® rubber helical cogged ribs offer maximum cord support and wear resistance for unsurpassed performance in high horsepower applications.

Oil And Abrasion-Resistant Backing

The backing on every Goodyear Gatorback Poly-V belt is a tough coated fabric material. It's impregnated with Wingprene® rubber for heat and oil resistance to provide the high coefficient of friction needed to drive flat pulleys.

Functional Part Number Gives You The Size Of The Belt

4	06	049	5
1st digit (4) represents a K section Poly V-belt	2nd and 3rd digit gives the number of ribs	4th, 5th and 6th digits are the length in inches	7th digit is tenth of an inch

Part number 4060495 would be a K section Poly-V belt, six ribs wide, with a length of 49 and 5/10 inches.

GOODYEAR

WATER PUMPS

Caterpillar Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4002 (w/pulley)	2W1225 (9N6147) (OR0781)	5001	Caterpillar 3208 Engine *threaded pulley for fan clutch*

Caterpillar Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4006SP	7C4957 (OR8217)	5006	Caterpillar 3406B/C Engine *not interchangeable with 3406E*

Caterpillar Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4012SP	6I3890 (OR4120)	5012	Caterpillar 3406E Engine *not interchangeable with 3406B/C*

Cummins Big Cam Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4052	3022474 (AR45184)	5052	Big Cam NTC290, NTC350, NTC400 Formula 290, 350 *multi-grv. pulley, 4-1/2" imp., vented*

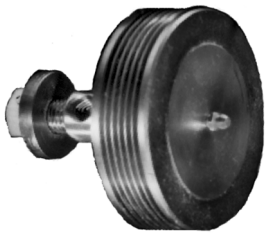
Cummins Pancake 5-1/2" Bore Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4053	AR4284 (AR4283)	5053	Pancake 5-1/2" Bore *short shaft* (Non-FFC) NH230, NH250, NHC270, NHE225 Diesel, NT280, NT300, NT310, NT335, NT380, NTA380, NTC280, NTC335, NTC350 Diesel

Cummins Big Cam Reman Idler

Part No.	Mf'r No.	Kit Part No.	Application/Description
4058	3064920 (AR8851)	-	Cummins Idler FFC *2/-grv.pulley*

WATER PUMPS



SLOAN

Cummins Big Cam Reman Idler

Part No.	Mf'r No.	Kit Part No.	Application/Description
4059	3064919 (AR45189)	-	Cummins Idler Big Cam *multi-grv. pulley*

SLOAN

Cummins Big Cam III Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4061	3004923	5061	Cummins Big Cam III 300, 350, 400, Formula 300, 350, 400, 475 *multi-grv. pulley, 4" imp., vented*

SLOAN

Cummins Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4064	3801708 (3045943)	5052	Cummins Big Cam IV 300, 350, 400, Fleet 300, NTC-Formula 300, 350, 400 NTC-475 *multi-grv. pulley, 4-1/2" imp., vented*

SLOAN

Cummins LTA10 Series Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4068	3803402	5068	LTA10 Series LAT10-240, 270, 300 Engines *before 1991, 4 hole mount*

SLOAN

Cummins 88 Big Cam IV Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4069SP	3803138 (3803030)	5069	88 Big Cam IV NTC-300, 315, 350, 365, 400

SLOAN

Cummins 88 Big Cam IV Reman Idler

Part No.	Mf'r No.	Kit Part No.	Application/Description
4071	3081234 (3062931)	-	Cummins Idler 88 Big Cam *multi-grv. pulley*

WATER PUMPS

SLOAN

N14 Cummins Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4073	3803605 (3803361)	5073	N14 Cummins Water Pump N14-310, 330, 350, 370, 410

SLOAN

N14 Cummins Reman Idler

Part No.	Mf'r No.	Kit Part No.	Application/Description
4074	3066330	-	N14 Cummins Idler *multi-grv. pulley*

SLOAN

L10-E Series Cummins Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4076	3803403	5076	L10-310E, L10-330E Engines *1991 & after 3 hole mount*

SLOAN

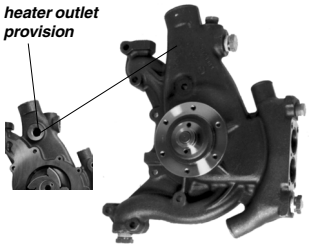
Detroit Diesel 53 Series Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4101	23506003 (5144685)	5101	53 Series - L.H. 4, 6 & 8 cylinder

SLOAN

Detroit Diesel 8V71 Series Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4107	5149326	5107	8V71 Series *high capacity* *standing type - 2 straight outlets* *1-7/8" & 2-1/4" I.D. outlets*



SLOAN

8.2 Liter Detroit Diesel Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4119	8928672	5119	8.2 Liter Diesel *w/heater outlet provision*

WATER PUMPS

SLOAN

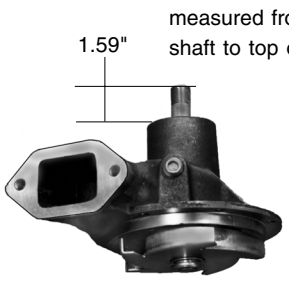
Detroit Diesel 60 Series Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4121	23509067 R3514989 (23505019)	5121	Detroit Diesel 60 Series Water Pump 1987 Thru 12/90

SLOAN

Detroit Diesel 50 Series Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4122SP	23505895	5122	Detroit Diesel 50 Series Water Pump



SLOAN

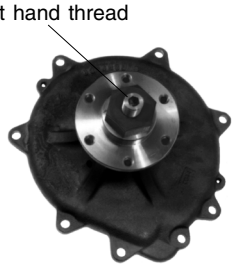
Mack Short Shaft Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4204SP	316GC184	5204	Mack Short Shaft Water Pump Thermodyne END 673/675/676/711 *w/o pulley*

SLOAN

Ford Truck Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4304	E9TZ-8501B (E4TZ-8501C)	5304	6.9/7.3 Liter Diesel 1983-94 Ford Truck (non Power Stroke)

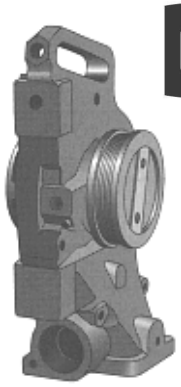


SLOAN

International DTA360 Engine Reman Water Pump

Part No.	Mf'r No.	Kit Part No.	Application/Description
4307	1815538C91	5307	DTA360 Engine *left hand thread w/bolt on hub*

WATER PUMPS



Cummins Engine - Big Cam

Part No.	Mf'r No.	Casting No.	Application/Description
RW1170	3022474	218274	Big Cam; 4.675 dia. multi-groove pulley; 4.5" impeller; vented; NTC290, 350, 400, Formula 290, 350
RW1172	3045943	3045163	Big Cam IV; 4.275 diameter multi-groove pulley; 4.5" impeller; vented; 300, 350, 400, Fleet 300, NTC Formula 300, 350, 400, NTC-475

Cummins Idlers - Big/Small Cam

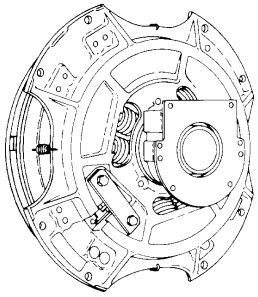
Part No.	Mf'r No.	Casting No.	Application/Description
RW1173	3064919 (AR45189)	215397	Big Cam multi-groove pulley

CLUTCH PARTS

Clutch Parts

Part No.	Description
105C-137	Yoke clutch release
106C-1498	Shaft clutch release
127200	Kwik Konnect clutch brake
127740	1-3/4" 10 spline clutch brake
127760	2" 10 spline clutch brake
128C-20	Bushing clutch shaft
274C-6	Clutch drive pin

CLUTCHES



Remanufactured Clutches

Clutch Size	Spline Size	Facing Material	Torque Rating Lbs. Ft.	Part No.
14"	2" 10 Spline	Dampened Organic	1000	**107034-57BO**
14"	2" 10 Spline	Dampened Ceramic	1400	**107050-59B**
15.5"	2" 10 Spline	Dampened Ceramic	1650	**107091-74B**
15.5"	2" 10 Spline	Dampened Ceramic	1400	**107091-80B**
15.5"	2" 10 Spline	Dampened Ceramic	1650	**108391-74MO**
15.5"	2" 10 Spline	Dampened Ceramic	1650	**108935-51MO**

Remanufactured Angle Spring Clutches

Clutch Size	Spline Size	Facing Material	Torque Rating Lbs. Ft.	Part No.
14"	2" 10 Spline	Dampened Ceramic	620	**107683-5**
14"	2" 10 Spline	Dampened Ceramic	860	**107237-10MO**
15.5"	2" 10 Spline	Dampened Ceramic	1400	**107091-81B**

New Eaton®Fuller Easy-Pedal Plus ® Clutches

Size	Clutch Size	Spline Material	Facing Lbs. Ft.	Torque Rating Part No.
14"	2" 10 Spline	Dampened Ceramic	1400	**108050-59B**
15.5"	2" 10 Spline	Dampened Ceramic	1650	**108391-74B**
15.5"	2" 10 Spline	Dampened Ceramic	1400	**108391-81B**
15.5"	2" 10 Spline	Dampened Ceramic	1860	**108925-20**
15.5"	2" 10 Spline	Dampened Ceramic	2050	**108925-25**

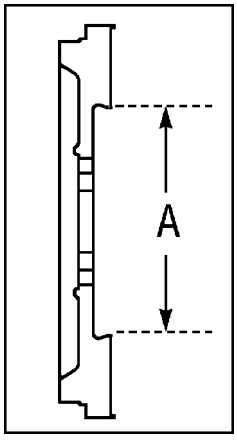
New Eaton®Fuller Clutches

Clutch Size	Spline Size	Facing Material	Torque Rating Lbs. Ft.	Part No.
14"	2" 10 Spline	Dampened Ceramic	860	**109500-10**

Note 1: The above numbers represent the most popular clutches in stock at time of printing. Other clutches are available from stock or as special order items. Call us for more information.
Note 2: nstallations with "B" suffix **do not** include Torque Limiting Brake and six (6) Drive Pins.

Three Steps In Determining The Proper Clutch:

1. If clutch is 14" and has a 2" spline, use Part No. 108050-59B listed above. (Easy-Pedal Plus Super-Duty Ceramic)
2. If 15.5", then measure Center Flywheel Bore Opening. ("A" dimension shown here) Approximate flywheel sizes: 7", 8.5" or 10"*
3. Determine engine torque at current settings. Verify that clutch torque is greater than engine torque!



Clutch Size	FW Bore In. ("A")	Spline Size	Damper Type	Facing Material	Torque Rating Lbs. Ft.	Easy-Pedal Plus Part No.
15.5"	7"	2"	8 Spring	Ceramic	1400 Max.	**108391-81**
15.5"	8.5"	2"	10 Spring	Ceramic	1650 Max.	**108391-74**
15.5"	10"	2"	7 Spring	Ceramic	1700 Max.	**108925-82**

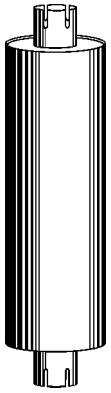
***Important**: If you have a 10 flywheel bore, DO NOT USE ORGANIC FACINGS. The facing I. D. will extend into flywheel bore opening and you will not have full facing contact.

Note: If the truck was originally equipped with 7 or 6 spring Soft-Rate dampers, DO NOT substitute 8 or 10 spring dampers. (Vibration and component damage may occur!)

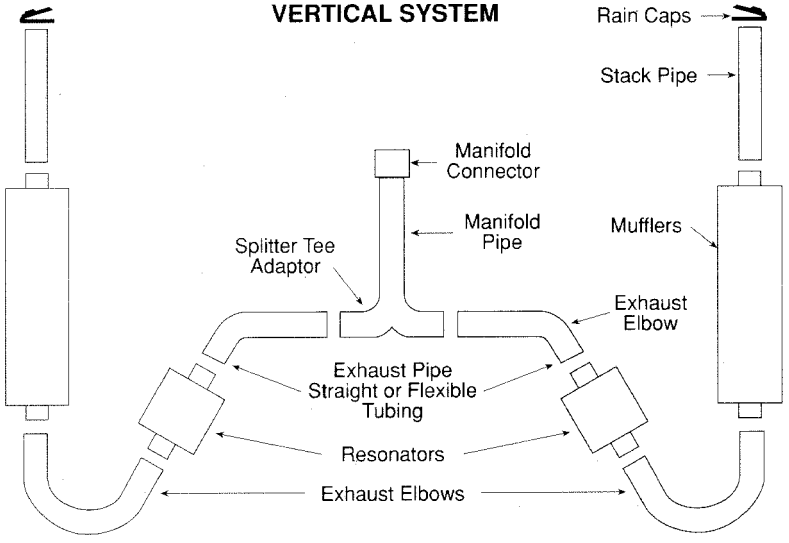
Source: Eaton Corporation
Clutch Division

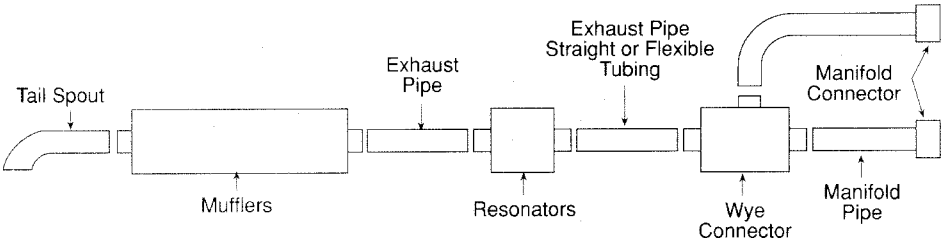
HEAVY DUTY EXHAUST COMPONENTS

- Heavy Duty
- AluminizedSteel Construction
- All Parts Shown Available From Stock



GENERAL INFORMATION

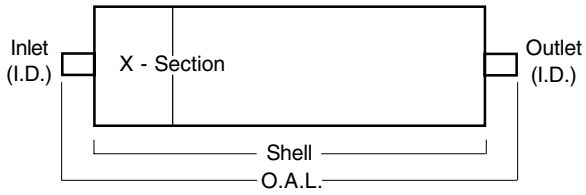




WELDING ALUMINIZED STEEL

1. **OXYACETYLENE WELDING** *Filler Metal:* Use a mild steel filler metal, 3132" diameter, free of rust. (American Welding Society classification A5.2) DO NOT use copper coated filler material.
Welding equipment: Use a number 3 or 4 tip. Observe instructions of the equipment manufacturer when adjusting the operating pressures at the gas regulators.
Procedure: Clean the parts to be welded thoroughly. Incline the torch at a 45° angle from the direction of travel. Use the forehand welding technique. Keep the torch flame on the tip of the filler rod, not in the center of the puddle.
2. **SHIELDED METAL-ARC** (Stick electrode) Any one of the following rods are recommended: Raco Fer-A1 (Reid-Avery co.), E-6011 (P.&H.), Fleetwood 47 (Lincoln), W-52 (General Electric), Flex-Arc LOH-2 (Westinghouse), Stainless Steel Rods Type 309 or 310 and Low Hydrogen Rods E-7015, E-7016, or E-7018.
3. **GAS METAL-ARC** (MIG) Carbon Dioxide shielding gas is used with A-675 Airco Wire.

STYLE 1 MUFFLERS - CENTER TO CENTER

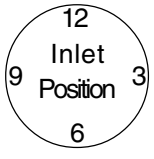


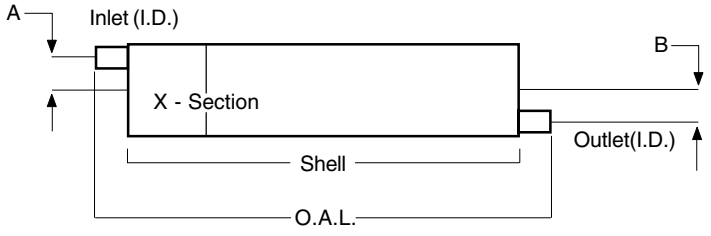
STYLE 1 MUFFLER DIMENSIONS						
Part Number	**Inlet I.D.**	**Cross Section**	**Shell Length**	**Overall Length**	**Outlet I.D.**	**Installation Notes**
21468W	3.0	6.0	21.0	30.0	3.0	
21838W	4.0	8.375	33.5	40	4.0	
22571W	4.0	9.0	28.0	34.5	4.0	
22965W	4.0	9.0	44.0	51.0	4.0	MF
22936W	4.0	9.0	44.0	51.0	4.0	
22941W	4.0	9.0	44.5	51.0	5.0	
22771W	5.0	9.0	19.0	26.0	5.0	
22964W	5.0	9.0	44.0	51.0	5.0	MF
22963W	5.0	10.0	44.0	51.0	5.0	MF
22920W	5.0	10.0	44.0	51.0	5.0	
22940W	5.0	9.0	44.5	51.0	5.0	

Installation Notes:

A Double-Wrapped.
B Threaded.
C Stainless.
D Spout.
MF Mega Flow Muffler.
NB Noise Braker Muffler.

STYLE 2 MUFFLERS - OFFSET TO OFFSET

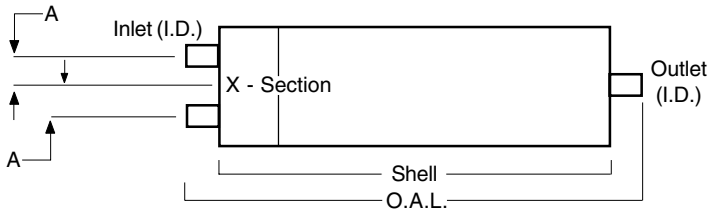




To locate the outlet connection:
View muffler from inlet end with inlet connection near 12 o'clock.
Outlet will be located clockwise from inlet per chart.

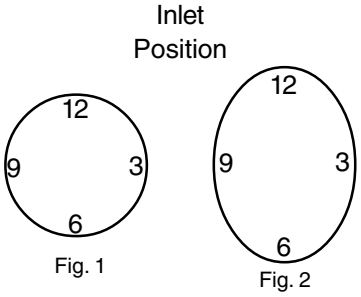
STYLE 2 - MUFFLER DIMENSIONS									
Part Number	**Inlet I.D.**	**Cross Section**	**Shell Length**	**Overall Length**	**Outlet I.D.**	**"A" Inlet Offset**	**"B" Outlet Offset**	**Inlet Position**	**Outlet Position**
22833W	5.0	10.0 X 15.0	36.0	42.0	5.0	3.75	3.75	12	6
21174W	4.0	10.0 X 15.0	26.0	32.5	4.0	4.438	4.438	12	6
21476W	3.0	8.375	29.75	36.25	3.0	2.0	2.0	12	6
22789W	4.0	11.125	30.0	36.0	4.0	2.5	2.5	12	6
22888W	4.0	11.125	36.0	42.0	4.0	2.5	2.5	12	6
22449W	4.0	8.25 X 11.5	31.5	37.5	4.0	2.5	2.5	12	6
22551W	3.5	8.25 X 11.5	30.0	36.0	4.0	2.75	2.5	12	6
22004W	4.0	8.25 X 11.5	27.0	33.0	4.0	2.5	2.5	12	6
22833W	5.0	10.0 X 15.0	36.0	42.0	5.0	3.75	3.75	12	6

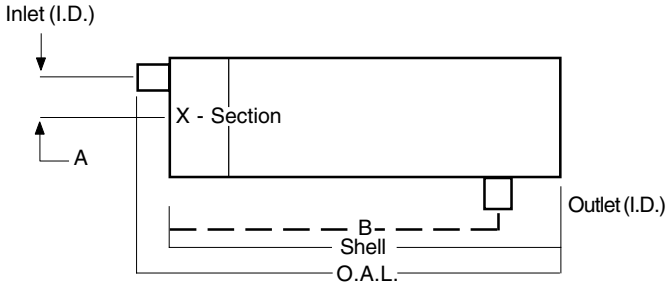
STYLE 5 MUFFLER DUAL INLET TO SINGLE OUTLET



STYLE 5 - MUFFLER DIMENSION							
Part Number	**Inlet I.D.**	**Cross Section**	**Shell Length**	**Overall Length**	**Outlet I.D.**	**"A" Inlet Offset**	**"B" Outlet Offset**
22866W	2.5-2.5	8.375	29.5	38.0	2.75	1.75-1.75	2.0

STYLE 9 MUFFLERS

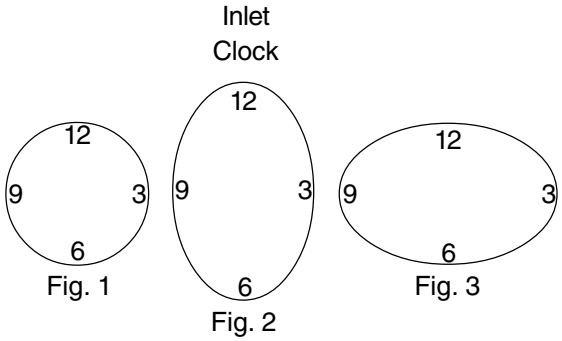


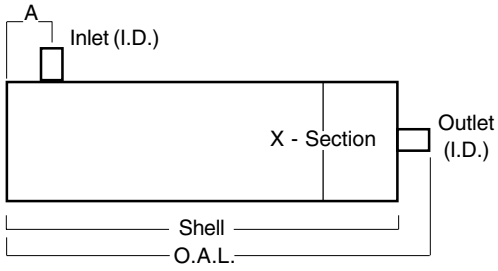


To locate the outlet connection:
View muffler from inlet end with inlet connection near 12 o'clock.
Outlet will be located clockwise from inlet per chart.

STYLE 9 - MUFFLER DIMENSIONS										
Part Number	**Inlet I.D.**	**Cross Section**	**Shell Length**	**Overall Length**	**Outlet I.D.**	**"A" Inlet Offset**	**"B" Outlet Offset**	**Fig. Position**	**Inlet Position**	**Outlet**
22664W	4.0	4.0	11.1	36.0	39.0	1.5	28.5	3.0	6	12
22006W	4	8.25 x 11.5	28.0	31.0	4.0	2.5	12.0	2.0	12	8

STYLE 10 MUFFLER





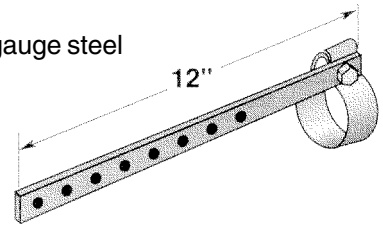
To locate the outlet connection:
View muffler from inlet end with inlet connection near 12 o'clock.
Outlet will be located clockwise from inlet per chart.

STYLE 10 - MUFFLER DIMENSIONS										
Part Number	**Inlet I.D.**	**Cross Section**	**Shell Length**	**Overall Length**	**Outlet I.D.**	**"A" Inlet Offset**	**"B" Outlet Offset**	**Fig.**	**Inlet Position**	**Outlet Position**
22948W	4.0	9.0	44.375	48.0	5.0	3.563	-	1	12	-
22915W	5.0	10.0	44.0	48.0	5.0	6.0	-	1	12	-

EXHAUST COMPONENTS - HANGERS

UNIVERSAL PIPE HANGERS

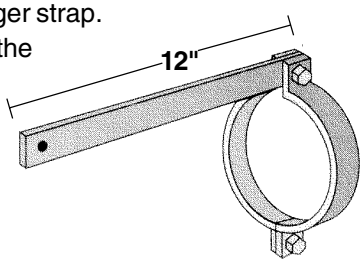
n Clamp and hanger strap are made of heavy gauge steel to hold tail pipe and exhaust pipe.



Fits Pipe	Part Number
4	**35853W**

UNIVERSAL MUFFLER HANGER

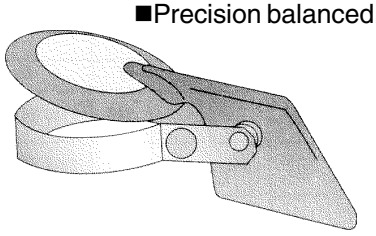
- Heavy duty muffler body clamp and hanger strap.
- The strap can be bent and twisted to fit the installation. Use for horizontal or vertical mount. Use two for maximum rigidity.



Body Diameter	Part Number
8-1/4 X 11-1/2	**35733W**
7	**35885W**
9	**35972W**
10	**35983W**
10 X 15	**35984W**
11-1/8	**35889W**

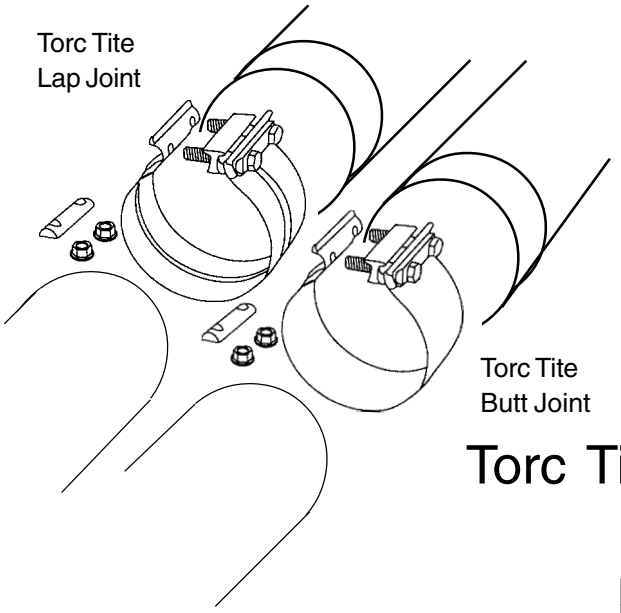
RAIN CAPS

- Single bolt mounting.
- Heavy duty welded assembly.
- Precision balanced.



Size	Standard	Chrome
1-1/2	**35225W**	
3	**35618W**	
3-1/2	**35619W**	
4	**35907W**	
5	**35910W**	**35932W**
6	**35933W**	

EXHAUST COMPONENTS TORC TITE™ EXHAUST CLAMPS



Torc Tite™

WIDE BAND CLAMPS

*Special Order

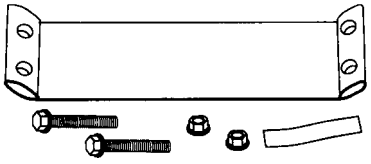
TorcTite™

The Easy Seal style or preformed TorcTite clamps stop leaky gaps between both overlapping and butt joints.
The unique reaction block design results in a strong tightly sealed and reliable exhaust joint without the need for extra gaskets. The positive clamping action allows the **butt style** TorcTite Clamp to be used on **equal sized tubes without overlap.**

Aluminized/ Stainless Torc Tite Performed Wide Band				
ALUMINIZED Clamps			STAINLESS	
Size	**Lap No.**	**Butt No.**	**Size**	**Lap No.**
N/A	**N/A**	**N/A**	2-1/2"	**33220W**
3"	**33967W**	**N/A**	2-3/4"	**33227W**
3-1/2"	**33968W**	**N/A**	3"	**33222W**
4"	**33969W**	***33312W**	3-1/2"	**33223W**
5"	**33970W**	***33314W**	4"	**33224W**
			5"	**33225W**

Easy Seal™

Flat Band Clamps



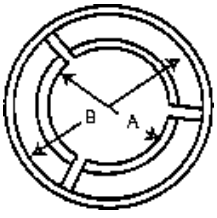
Easy Seal Flat Band Clamps					
Size	**Part No.**	**Size**	**Part No.**	**Size**	**Part No.**
2"	**35620W**	2-1/4"	**35621W**	2-1/2"	**35979W**
2-3/4"	**35622W**	3-1/2"	**35977W**	4"	**35976W**
4"	**33961W**	5"	**35975W**	5"	**35975W**

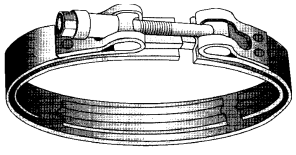
Standard Flat Band Clamps					
Size	**Part No.**	**Type**	**Size**	**Part No.**	**Type**
2-1/2"	**35927W**	Stainless	4"	**35937W**	Stainless
2-3/4"	**35934W**	Stainless	4"	**35292W**	Alum
2-3/4"	**35930W**	Stainless	5"	**35938W**	Stainless
3-1/2"	**35936W**	Stainless	6"	**35939W**	Stainless

WIDE BAND LAP JOINT CLAMPS

LAP JOINT BAND CLAMP		
Part No.	**Size**	**Type**
33274W	4.0"	Stainless
33276W	5.0"	Stainless
33277W	6.0"	Stainless
33286W	4.0"	Aluminized
33288W	5.0"	Aluminized

V- BAND CLAMPS

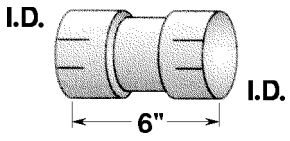


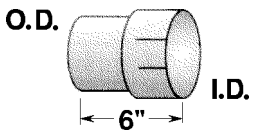


Tube Dia.	Number	Application	A	B	C
3"	**35401W**	Ford	3.26	3.88	0.43
3-1/2"	**35520W**	Ford, Thomas	3.63	4.19	0.40
3-1/2"	**35804W**	Cat, Cummins, Det. Diesel, Mack, Navistar	3.94	4.50	0.21
4.25"	**35036W**	Genral Motors	4.12	4.81	0.40
4"	**35805W**	Bluebird, Ford, Mack	4.25	4.81	0.21
5"	**35500W**	Peterbilt	5.25	5.81	0.21

EXHAUST COMPONENTS - STRAIGHT CONNECTORS

■16 Gauge Aluminized Steel

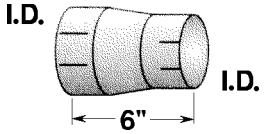


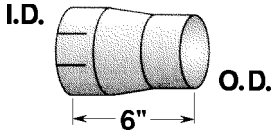


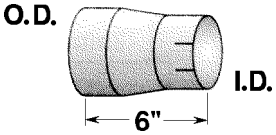
Part Number		
Dia	OD-ID	ID-ID
3"	**41970W**	**41892W**
3-1/2"	**N/A**	**41893W**
4"	**41896W**	**41895W**
5"	**41897W**	**41899W**

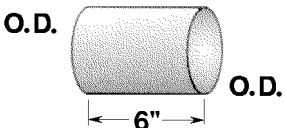
REDUCERS

■16 Gauge Aluminized Steel



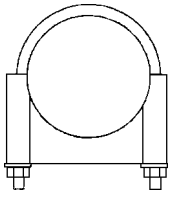






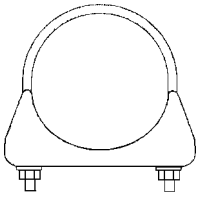
Part Number				
Dia	ID-ID	Beaded ID-OD	OD-ID	OD-OD
5X4	**41898W**	**41909W**	**41994W**	**41891W**
6X5			**41514W**	
2.75X2.5			**41968W**	
3X2.5		**41974W**	**41972W**	

EXHAUST CLAMPS



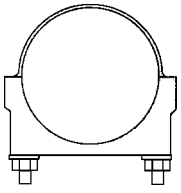
Guillotine
Forms 360° Seal
Chrome Available

Size	Part No.	Type
2"	**36145W**	-
2-1/4"	**36146W**	-
2-1/2"	***35304W**	-
3"	**35786W**	-
3-1/2"	**35787W**	-
4"	**35788W**	Zn
4-1/2"	**35373W**	-
5"	**35789W**	Zn
5"	**35457W**	Ch
6"	**35409W**	Zn

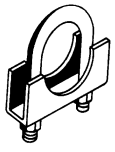


Standard U-Bolt
3/8" U-Bolt
Unfinished

Size	Part No.
2"	**35335W**
2-1/4"	**35336W**
2-1/2"	**35337W**
2-3/4"	**35793W**
3"	**35794W**



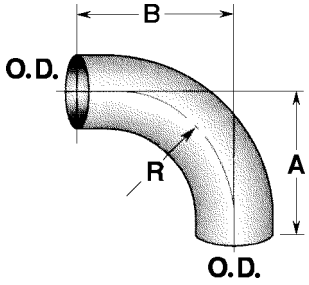
Flat Band U-Bolt
Zinc Plated



Size	Part No.	Type
3"	**35624W**	-
3-1/2"	**35696W**	-
4"	**35799W**	-
4"	**35776W**	CH
5"	**35800W**	-
5"	**35777W**	CH

WALKER

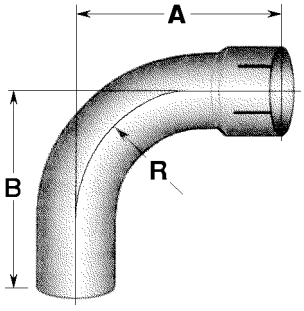
90 DEGREE SHORT RADIUS ELBOWS, OD - OD



	Leg Length		Center Line	Part Number
Dia	A	B	Radius (R)	Aluminized
4	8	8	4	**41474W**
5	10	10	6	**41832W**
5	5	5	5-1/2	**41224W**

90 DEGREE ELBOWS, ID-OD

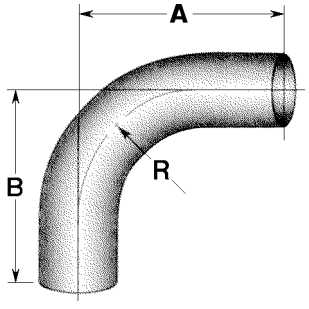
- One End O.D., One End I.D. Slotted
- 16 Gauge Aluminized Steel
- Bright, Exceptional Quality Chrome



	Leg Length		Center Line	Part Number
Dia.	A	B	Radius (R)	Aluminized
2-1/2"	10	10	4-1/4	**N/A**
2-3/4	10	10	5-1/2	**N/A**
3	8	8	6	**41365W**
3	14	14	6	**42759W**
3-1/2	9	9	6	**41366W**
3-1/2	16	16	6	**42185W**
4	6	6	4-1/2	**41630W**
4	10	10	6	**41378W**
4	10	10	8	**41367W**
4	12	12	6	**41472W**
4	18	18	6	**42937W**
5	10	10	5-1/2	**42763W**
5	15	15	8	**42858W**
5	18	18	8	**42938W**

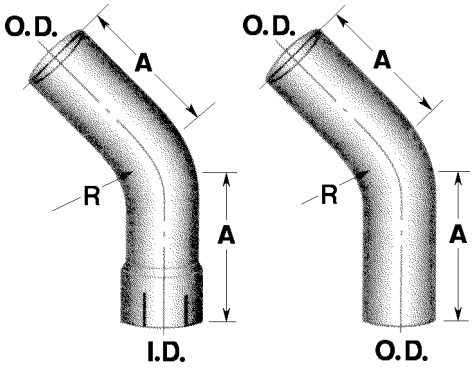
90 DEGREE ELBOWS, OD - OD

- Both Ends O.D.
- 16 Gauge Aluminized Steel
- Bright, Exceptional Quality Chrome



	Leg Length		Center Line	Part Number
Dia.	A	B	Radius (R)	Aluminized
3-1/2	16	16	6	**42288W**
4	12	12	6	**41473W**
4	18	18	6	**42857W**
5	10	10	8	**41832W**
5	15	15	8	**42939W**
5	20	20	8	**42940W**

EXHAUST COMPONENTS - 45 DEGREE ELBOWS

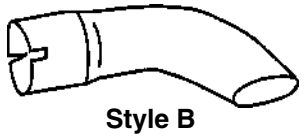


■16 Gauge Aluminized Steel

Dia	A-A Length	Center Line Radius (R)	Part Number ID-OD Aluminized	Part Number OD-OD Aluminized
3-1/2	8-8	7	**42761W**	
4	$9^{5/16}$-$9^{5/16}$	8	**42758W**	**41430W**
4	12-12	6	**42246W**	
4	8-8	8		**41475W**
5	8-8	8	**41477W**	**41431W**
5	8-8	10	**41477W**	**41476W**
5	15-15	8	**53042W**	
6	7-7	10	**52053W**	

ALUMINIZED TAIL SPOUT

Aluminized Steel			
Part No.	**Dia**	**Length**	**Style**
42128W	6	18	B
42447W	4	12	B
42716W	5	18	B

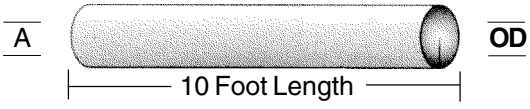


Style B
(ID)

STRAIGHT TUBING - O.D. - O.D.

Part Number		
O.D.	**16 Ga. Cold Rolled**	**Aluminized**
3	**49010W**	**49159W**
3-1/2	**49011W**	
4	**49012W**	**49161W**
5	**49015W**	**49064W**

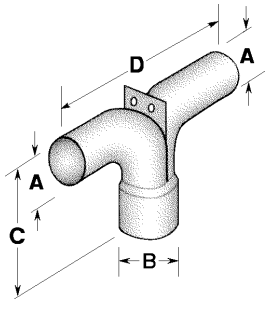
Part Number	
O.D.	**13 Foot 14 Ga.Aluminized**
4	**49052W**



TOOLS AND SPECIAL TUBES

SPECIAL TUBE
Splitter Tee Adapter Tube
Converts single system exhaust pipe into a dual system.

A (OD)	B (ID)	C	D	Part Number Aluminized
5	5	15	25	**40364W**

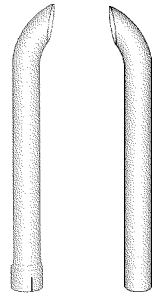


EXHAUST COMPONENTS - STACK PIPES CURVED

- 16 Gauge Aluminized Steel
- Bright, Exceptional Quality Chrome

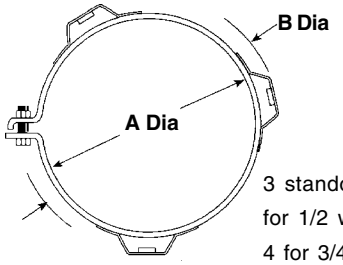
I. D. SLOTTED

		Part Number	
I. D.	Length	Aluminized	Chrome Plated
4" Diameter	36"	43320W	
	48"	44299W	
5" Diameter	24"		29207W
	36"	43321W	29306W



		Part Number	
O. D.	Length	Aluminized	Chrome Plated
4" Diameter	48"	44637W	29402W
5" Diameter	24"	42543W	29202W
	36"	43719W	29308W
	48"	44638W	29403W
	60"	45727W	29503W

MUFFLER HEAT GUARDS



MUFFLER GUARD CLAMP KITS

- 2 clamps per kit.
- Stainless mounting hardware supplied with each kit.

		Part Number
A	B	3/4 Wrap
10.12	11.85	35933W

180° PIPE SHIELD

PIPE SHIELD	
Part Number	Specifications
29038W	Chrome 4"-5" x 48" Pipe Shield w/o Mounting Clamps, Round Holes.

270° MUFFLER SHIELD

PIPE SHIELD	
Part Number	Specifications
29046W	Stainless Steel 8.5" x 10.5" x 48" Muffler Shield w/o Mounting Clamps, Round Holes.

FLEXIBLE EXHAUST TUBING

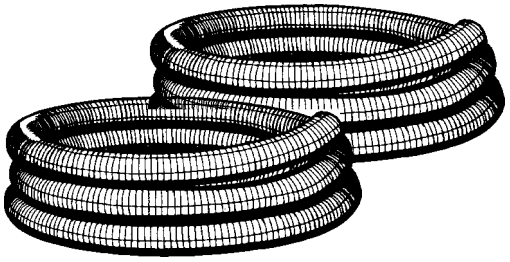
FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Galvanized Flex Tubing
Standard Weight
.018" - .020" Galvanized Strip

Stainless Flex Tubing
Heavyweight
.017" - .020" Stainless Strip

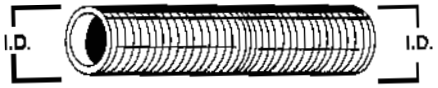
FLEXIBLE TUBING IN 10 AND 25 FOOT LENGTHS

Diameter	Part Numbers			
	Galvanized Steel		Stainless Steel	
	10' Length	25' Length	10' Length	25' Length
3"	**1410030-120**	**1410030**	**1410130-120**	**1410130**
3.5"	**1410035-120**	**1410035**	**1410135-120**	**1410135**
4"	**1410040-120**	**1410040**	**1410140-120**	**1410140**
5"	**1410050-120**	**1410050**	**1410150-120**	**1410150**



FLEXIBLE TUBING IN 18 AND 24 INCH LENGTHS

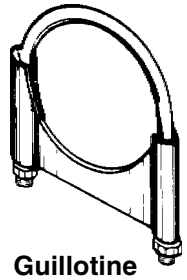
Diameter	Length Inches	Part Number	
		Galvanized Steel	Stainless Steel
3"	**18"**	**1410030-18**	**1410130-18**
	24"	**1410030-24**	**1410130-24**
3.5"	**18"**	**1410035-18**	**1410135-18**
	24"	**1410035-24**	**1410135-24**
4"	**18"**	**1410040-18**	**1410140-18**
	24"	**1410040-24**	**1410140-24**
5"	**18"**	**1410050-18**	**1410150-18**
	24"	**1410050-24**	**1410150-24**

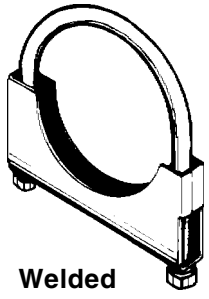


Style ID - ID

Diameter	Length	Galvanized Part No.	Stainless Part No.
4"	**36"**	**43381W**	**43202W**
5"	**36"**	**43382W**	**43203W**

U - CLAMPS


Guillotine Zinc Plated

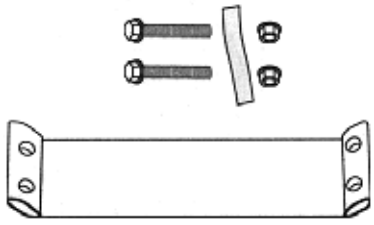

Welded Side Saddle

Diameter	Part Number	
	Guillotine Zinc Plated	Welded Side Saddle
3"	**1410530**	**1410430**
3.5"	**1410535**	**1410435**
4"	**1410540**	**1410440**
5"	**1410550**	**1410450**

FLEETCRAFT FLAT BAND CLAMPS

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Part No.	Description
1410240	Exhaust Clamp Alum Flat Band 4”
1410250	Exhaust Clamp Alum Flat Band 5”



Part No.	Description
1410330	Exhaust Clamp SS Flat Band 3”
1410335	Exhaust Clamp SS Flat Band 3.5”
1410340	Exhaust Clamp SS Flat Band 4”
1410350	Exhaust Clamp SS Flat Band 5”

***NOTE**
***SS=stainless steel**

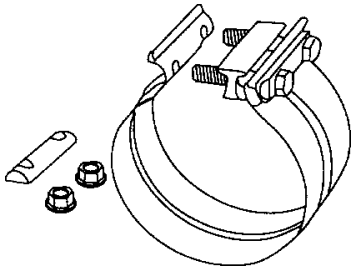
Our mission is simple; to get the best from our parts. ***Fleetcraft Band Clamps*** *are doing just that. Armed with the revolutionary i-block assembly connection, they provide for the complete prevention of noise and exhaust leaks in either pipe-to-pipe OR pipe-to-flex applications.*

PREFORMED BAND CLAMPS

Part No.	Description
1410640	Exhaust Clamp Alum Preformed 4”
1410650	Exhaust Clamp Alum Preformed 5”

FLEETCRAFT®
QUALITY PARTS FOR THE TRUCKING INDUSTRY

Part No.	Description
1410740	Exhaust Clamp SS Preformed 4”
1410750	Exhaust Clamp SS Preformed 5”



***NOTE**
***All preformed clamps are LAP JOINT**
***SS=stainless steel**

FILTERS

PLEASE NOTE THAT WE HAVE THE FULL LINE CATALOG INTERCHANGES AVAILABLE ON CD-ROM OR PAPER EDITIONS.

AS LUBERFINER CONTINUES TO UPDATE AND REFINE INTERCHANGE INFORMATION, AND AS IT IS IMPORTANT TO GET THE VERY LASTEST INFORMATION REGARDING THIS, WE ARE PROVIDING THE WEB ADDRESS FOR LUBERFINER: WWW.LUBERFINER.COM

The following list of kits have been obsoleted and are no longer available or returnable:

LK4M	LK14C	LK16CA	LK239	LK220C
LK22C	LK32i	LK46C	LK240C	LK233C
LK59T	LK74C	LK77M	LK241C	LK218CR
LK80C	LK93CA	LK94D	LK242C	LK213CA
LK102C	LK103CA	LK106CR	LK250CA	LK212D
LK125F	LK141T	LK142CA	LK251CA	LK221CA
LK144D	LK150D	LK152D	LK235CA	LK211C
LK155i	LK163D	LK165D	LK231i	LK209i
LK175CA	LK177C	LK201D	LK234F	LK203CA

Luberfiner®
WORLD FAMOUS FILTERS

POPULAR FILTER CROSS REFERENCE

HEAVY DUTY OIL FILTERS

Luberfiner	Baldwin	Fleetguard	Fram	Wix	Donaldson
LFP2160	B495	LF3620	PH7405	51971	P552100
		LF371			
LFP3000	BD103	LF3639	HPH6349	51478	P553000
LFP4005	B99	LF691	PH3335	51792	P554005
		LF3374			
LFP777B	B7577	LF3635	P3555A	51749	P550777
LFP670	B96	LF670	PH3612	51870	P551670
		LF3363			
		LF3325			
LFP3191	B76	LF667	PH49A	51791	P554004
		LF3379			
LFP911	B95	LF3333	PH3612	51970	P551670
		LF3380			
LFP780	BT339	LF3349	PH3976	51607	P558615
		LF3552			
LFP54	B167	LF654	PH3306A	51158	P558250
LFP5570	BT230	LF3342	PH3519	51268	P555570
PH675	BT261	LF3316	PH39	51784	P555616
		LF3559			
LFP784	B134	LF3344	PH3766	51742	P550784
LFP2216	B76	LF3321		51791	
		LF3379			
PH820	B329	LF3681	PH2	51372	P550965
3845-4	C750-E, L	LF750S,A,B,D	C175AP	51750	P550750
	P7500		C175E		
LFP791	BT274	HF6080	PH36	51261	P555680
	BT364	LF654	P1655	51453	
	BT452				
FP20	BT259	LF678	PH20	51243	P550020
LFP2222	B236	LF4054	PH2801	51820	P553771
LFP3900	BT427	LF3345	PH3900	51602	P558616
		LF3553			
LFP6007	B75	LF3328	PH3545	51798	P556007
LFP6241	B299	LF3420	PH39	51789	P555616
		LF3560			
LFP781	B157	LF3443	PH7014	51754	P550731
LP161	PT670	LF558	CH191APL	51161	P550484
LP132	P20-HD	LF509N	CH33APL	51133	P550132
		HF6118			
		HF6271			
LFP734	B105	LF734	PH3757	51649	P551381

HEAVY DUTY COOLANT FILTERS

Luberfiner	Baldwin	Fleetguard	Fram	Wix	Donaldson
LFW4071	BW5071	WF2051	PR3908	24071	P554071
		WF2071			
LFW4744	BW5137	WF2051	PR3304	24071	P554744
LFW4013	BW5140	WF2054	PR3753	24073	P554013
LFW4860	BW5178	WF2015	PR393	24428	P554860
LFW4073	BW5073	WF2073	PR3910	24072	P554073
LFW4685	BW134	WF2077	PR3304	24070	P554685
LFW4016	BW5139	WF2053	PR3414	24073	P554016
LFW4075	BW4075	WF2075		24074	P554075
	BW5140				
LFW4072	BW5072	WF2072	PR3909	24071	P554072
LFW4074	BW5074	WF2074	PR3911	24073	P554074

We Carry A Full Line of Luberfiner Filters!

Luber-finer®

HEAVY DUTY FUEL FILTERS

Luberfiner	Baldwin	Fleetguard	Fram	Wix	Donaldson
LFF5	BF957	FF105	P3528A	33109	P550105
		FS1212			
LFP816FN	BF5810	FF5206	P1147G	33120	P550916
LFF5823B	BF614	FF211	P3376	33384	P555823
		FS1218			
LFP815FN	BF5800	FF5207	P1146G	33118	P550915
LFP440F	BF970	FF185	P1104	33352	P557440
		FS1214			
LFF8020	BF1212	FS1212	PS3712	33405	P558020
		FS1242			
FP586F	BF988	FF5018	P4102	33358	P553004
		FS1221			
LFF8000	BF1212	FS1212	PS3712	33405	P558000
	FS1242				
FP588F	BF954	FF5114	P3627	33393	P550057
LFF5D	BF957-D	FF105D	P1103A	33115	P550106
L2020F	PF590	FS1206	CS3504	33210	P552020
		FS1293			
LFF5002	BF7558	FF213	P1103	33115	
LFP219F	BF877	FF172	P1109	33219	P550219
LFF3521	BF788	FF5052	P4102	33358	P550440
		FS12151			
LFF1000	BF1259	FS1000	PS8048	33406	P551000
FP603	BF588	FF5019	P3380	33336	P552603
L43F	P116	FF108	C1143, PB	33144	P550043
	PF116				
FP585F	BF988	FF5018	P4102	33358	P553004
		FS1221			
FP251F	BF979	FF5020	P1118	33341	P555627
		FS1225			
LFP1101F	BF948	FF104	P1101A	33107	P550104
L296F	BF825	FF167	C1191A	33166	P566245
LFP218F	BF876	FF171	P1110	33218	P550218
LFF3417	BF1280	FS1280	P3401		P441328
FP587F	BF587-D	FF5135	P3522A	33472	P550587
					P550588
LFP928F	BF593	FF5021	P3595	33122	P550928

HEAVY DUTY AIR FILTERS

Luberfiner	Baldwin	Fleetguard	Fram	Wix	Donaldson
LAF3551	PA2705	AF1968M	CA3990	46883	P153551
LAF9545	PA2521	AF979	CA1596	42253	P181028
LAF292	PA1704	AF364	CA329	42714	P524392
LAF8047	PA2333	AF872	CA592	42960	P181099
LAF1275	PA1690-FN	AF435KM	CAK256	42276	P181050
			CAK5052S		
LAF7797	PA2312	AF853	CA1581	42966	P181007
LAF222	PA1667-FN	AF437K	CAK253	42222	P181052
LAF9396	PA2501	AF954M	CA3517	42610	P129396
LAF9544	PA2525	AF982M	CA1599	42491	P181015
LAF388	PA2092	AF868	CA3501	42697	P524362
LAF1849	RS3518	AF362	CA7140	46556	P527682
LAF1953	RS3530	AF25033	CA7466	46745	P530276
					P533235
LAF9538	PA2360-FN	AF1606KM	CA1532	42518	P181062
					P182062
LAF6918	PA2317	AF852	CA595	42961	P181008
LAF1829	PA2804	AF1189	CA6856	46405	D065008
LAF695	PA2680	AF1969M	CA6512	46882	P150695
LAF1878	RS2863	AF4878	CA739	46433	P523000
					P527484
					P529493
LAF694	PA2660	AF1846	CA3913	46876	P150694
LAF8727	PA2642	AF1886M	CA5042		P181189
LAF9000	PA2779	AF1768M	CA2548	42520	P181080
LAF1095	LL2685	AF1897M	CA3864	46675	P181095
LAF6880	PA2357	AF865	CA596	42661	P181009
LAF6300	PA2425	AF886	CA1574	42776	P181014
LAF334	PA1634	AF335M	CA226	42334	P532501
					P532502
LAF1769	PA2729	AF4664	CA6926	46844	P521598

QUICK CROSS REFERENCE - POPULAR FILTER APPLICATIONS

	Luber-Finer	Baldwin	Fram	Wix	Fleetguard
Caterpillar					
Luber-finer 750 Fleet Pack®	**3845**	C750L	C175E	51750	LF750D
Luber-finer 750 Imperial®	**2122**	P7500	–	51753	LF750S
Spin-On Lube	**LFP4005**	B99	PH3335	51792	LF691
Spin-On Lube	**LFP791**	BT364	PH36	51261	LF654
Spin-On Lube	**LFP5570**	BT230	PH3519	51268	LF3342
Fuel	**LFF5823**	BF584	P3376	33384	FF211
Fuel	**LFP440F**	BF970	P1104	33352	FF185
Coolant Filter	**LFW4744**	BW5137	PR3304	24071	WF2051
Fuel Filter/Water Separator	**LFF8030**	BF1214	PCS5063	33452	FS1214
Cummins					
Luber-finer 750 Fleet Pack®	**3845**	C750L	C175E	51750	LF750D
Luber-finer 750 Imperial®	**2122**	P7500	–	51753	LF750S
Comb. Full Flow/By-Pass Spin-On Lube	**LFP3000**	BD103	PH6349	51748	LF3000
Spin-On By-Pass Lube	**LFP777B**	B7577	P3555	51749	LF777
Spin-On Lube	**LFP670**	B96	PH3612	51870	LF670
Cartridge Lube	**LP566**	P999HD	CH211A	51954	FF516
Spin-On Fuel	**LFF5**	P957	P3528	33109	FF105
Spin-On Fuel (Short)	**LFP1101F**	BF948	PH1101PL	33107	FF104
Cartridge Fuel	**L43F**	PF116	C1142PB	33144	FF108
Coolant Filter	**LFW4071**	BW5071	PR3908	24071	WF2071
Coolant Filter	**LFW4074**	BW5074	PR3911	24074	WF2074
Coolant Filter	**LFW4744**	BW5137	PR3304	24071	WF2051
Fuel Filter/Water Separator (Long)	**LFF8000**	BF1212	PS3712	33415	FS1212
Fuel Filter/Water Separator (Short)	**LFF8020**	BF1212	–	33415	FS1212
Detroit					
Luber-finer 750 Fleet Pack®	**3845**	C750L	C175E	51750	LF750D
Luber-finer 750 Imperial®	**2122**	P7500	–	51753	LF750S
Spin-On Lube	**LFP670**	B96	PH3612	51870	LF670
Spin-On Lube	**PH29**	B6	PH13	51061	LF653
Spin-On Lube*	**LFP911**	B95	PH3612	51970	LF3333
Spin-On Lube	**LFP2160**	B495	PH7405	51971	LF3620
Cartridge Lube	**LP132**	P20HD	CH33APL	51133	LF509N
Primary Fuel	**LFP815FN**	BF580	P1146	33118	FF207
Primary Fuel	**LFP944F**	BF781	P3710	33123	FF5034
Primary Fuel	**LFP936F**	BF592	P3594	33125	FF235
Secondary Fuel	**LFP816F**	BF581	P1147A	33120	FF206
Secondary Fuel	**LFP943F**	BF782	P3711	33124	FF5033
Secondary Fuel	**LFP928F**	BF593	P3595	33122	FF5021
Coolant Filter	**LFW4744**	BW5137	PR3304	24071	WF2051
Fuel Filter/Water Separator	**LFF8010**	BF1213	PCS5060	33418	FS1213
*To be used with new Detroit lube filter heads: 5103672, 5103934, 5103940, 5104115, 5104118, 5104306, 8920506, 8920941, 8921671, 8921682					
Navistar/IHC					
Spin-On Lube	**LFP784**	B134	PH3766	51742	LF3344
Spin-On Lube	**PH675**	BT261	PH39	51784	LF3316
Primary Fuel	**LFP811F**	BF786	P3767	33811	FF5035
Fuel	**FP251F**	BF979	P1118	33341	FF5020
Fuel	**LFP255F**	BF891	P1107	33239	FF194
Fuel Filter/Water Separator	**LFF8050**	BF1225	PCS5063	33341	FS1225
Mack					
Luber-finer 750 FIlet Pack®	**3845**	C750L	C175E	51750	LF750D
Luber-finer 750 Imperial®	**2122**	P7500	–	51753	LF750S
Spin-On Lube	**LFP3191**	B76	PH49A	51791	LF677
Primary Fuel	**LFP219F**	BF877	P1109	33219	FF172
Secondary Fuel	**LFP218F**	BF876	P1110	33218	FF171
Secondary Fuel-Long Life	**LFP431F**	BF976	P3431	33216	FF222
Coolant Filter	**LFW4422**	BW5179	PR3433	24429	WF2022
Coolant Filter	**LFW4860**	BW5178	PR393	24428	WF2015
Fuel Filter/Water Separator	**LFF8040**	–	PCS5064	33219	FS1219
Commonly Used Air Filters					
Donaldson P18-1008	**LAF6918**	PA2317	CA595	42961	AF852M
Donaldson P18-1004	**LAF7752**	PA2438	CA1551	43635	AF910M
Donaldson P18-1005	**LAF7757**	PA2439	CA1550	52636	AF911M
Donaldson P18-1007	**LAF7797**	PA2312	CA1581	42966	AF853M
Donaldson P18-1099	**LAF8047**	PA2333	CA592	42960	AF872M
Donaldson P15-3551	**LAF3551**	PA2705	CA3990	46883	AF1968M
AC Delco A644C/GM8996118	**AF697**	PA2073	CA3492	42096	AF1628
Farr 71338-002	**LAF8002**	PA2650	CA3770	46850	AH1103
Farr 71338-003	**LAF8003**	PA2724	CA6623	–	AH1135
Bendix-Westinghouse 243009	**LAF292**	PA1704	CA329	42714	AF364
Donaldson P18-1028	**LAF9545**	PA2521	CA1596	42253	AF979
Donaldson P12-9396	**LAF9396**	PA2501	CA3517	42610	AF954M
Donaldson P15-0694	**LAF694**	PA2660	CA3913	46876	AF1846
Donaldson P18-1050	**LAF1275**	PA1690FN	CA256	42276	AF435KM
Donaldson P18-1096	**LAF4365**	PA2661	CA3863	46596	AF1943M

WINDSHIELD WIPER BLADES

HEAVY DUTY BLADES

61 Series - For Flat Windshields

61 Series blades are designed for flat windshields, which usually are found on heavy duty trucks, school buses, step vans and recreational vehicles.

An adaptor package is included with each blade in order to install a flat shield blade onto a competitor's heavy duty wiper arm. Flat shield blades are not refillable.

Part No.	Length	Finish	Anco #
61-130	13"	Silver	51-13
61-140	14"	Silver	51-14
61-150	15"	Silver	51-15
61-160	16"	Silver	51-16
61-161	16"	Black	- - - -
61-170	17"	Silver	51-17
61-180	18"	Silver	51-18
61-181	18"	Black	- - - -
61-200	20"	Silver	51-20
61-220	22"	Silver	51-22

63 Series - For Curved Windshields (5 bar Blades)

Trico's 63 Series blades are designed for heavy duty arms that have less than 48oz. of load. These five bar blades may be used on both curved and flat windshields. 63 Series blades are refillable with Trico's 71 Series heavy duty refills.

Part No.	Length	Finish	Anco #
63-140	14"	Silver	52-14
63-151	15"	Black	52-15
63-160	16"	Silver	52-16
63-180	18"	Silver	52-18
63-181	18"	Silver	- - - -
63-200	20"	Silver	52-20

64 Series - For Curved Windshields (3 bar Blades)

Trico's 64 Series blades are designed for heavy duty arms that have less than 48oz. of load. These 3 bar blades may be used on both curved and flat windshields. 64 Series blades are refillable with Trico's 72 Series heavy duty refills.

Part No.	Length	Finish	Anco #
64-160	16"	Silver	53-16
64-180	18"	Silver	53-18

65 Series - For Curved Windshields (Fit Side Lock Arms)

Trico's 65 Series blades are designed for heavy duty arms that have 48oz. of load or more. These blades are used on curved windshields. 65 Series blades are refillable with Trico's 72 Series heavy duty refills.

Part No.	Length	Finish
65-200	20"	Silver
65-201	20"	Black
65-220	22"	Silver

67 Series - For Curved Windshields (Wide Saddle)

Trico's 67 Series heavy duty blades are designed for wide saddle wiper arms, which are typically found on Class A recreatioanl vehicles, school buses, transit buses and heavy duty trucks. 67 Series blades are refillable with Trico's 71 Series heavy duty refills.

Part No.	Length	Finish	Anco #
67-241	24"	Black	52-24
67-261	26"	Black	52-26
67-281	28"	Black	52-28

38 Series - Tubular Blades MEDIUM DUTY BLADES

The Trico 38 Series Tubular blade is the number one wiper blade sold worldwide and is original equipment on 7 out of 10 new domestic car models. Its aerodynamic tubular wiper design and precision rubber wiping element set today's standard for safety performance in wiper blades.

Trico's Tubular blades are original equipment on almost all Class C recreational vehicles and numerous medium duty and heavy duty trucks that require passenger car wiper blades.

Part No.	Length	Fits Arm Types	Anco #
38-140	14"	1, 2, 8	25-14
38-150	15"	1	25-15
38-160	16"	1, 2	25-16
38-180	18"	1, 2	25-18
38-200	20"	1, 2	25-20
38-220	22"	4	25-22

WINDSHIELD WIPER BLADES

Part No.	Length	Refill	Part No.	Length	Refill
13-1	13"	-	**20-4**	20"	43-200
14-2	14"	-	**20-9**	20"	46-200
16-1	16"	46-160	**21-1**	21"	45-205
16-2	16"	43-160	**22-1**	22"	45-220
18-1	18"	46-180	**22-4**	22"	43-220
18-2	18"	43-180	**22-9**	22"	45-220
19-1	19"	43-160	**24-1**	24"	45-240
19-2	19"	46-170	**24-4**	24"	45-240
20-1	20"	46-180	**24-9**	24"	45-240
20-2	20"	43-200			

Exact Fit® Blades

Exact Fit is the first wiper blade line to install in mere seconds. The secret behind Exact Fit's fast, easy, installation is that they have taken an exta step in the assembly of the of the blade. Exact Fit blades are manufactured to directly fit specific wiper arm types. There is no need to sort through numerous adaptors or read complicated installation innstructions. The wiper blade's receptor exaclty matches the arm style of the vehicle. Just snap or click and you're on your way.

37 Series - Winter Blades

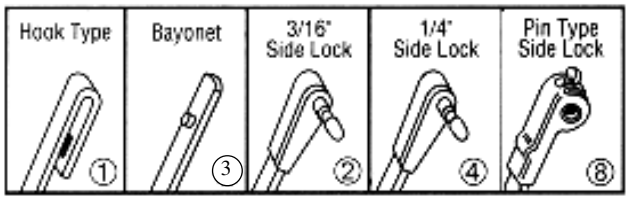
37 Series Winter Blades are used on many medium duty trucks and heavy duty trucks that require passenger car wiper blades.

Part No.	Length	Fits Arm Types	Anco #
37-131	13"	1, 2	29-13
37-150	15"	1, 3	29-15
37-160	16"	1, 2	29-16
37-180	18"	1, 2	29-18
37-185	18"	3, 8	**- - - -**
37-201	20"	1, 2, 4	29-20
37-220	22"	1, 4	29-22
37-225	22"	1	30-22
37-245	24"	1	30-24

66 Series - Heavy Duty Winter Blades

66 Series Winter Blades are manufactured with a tough rubber boot that encloses a heavy duty constructed metal superstructure. These blades provide wiping quality under demanding conditions. An adaptor package is included with each blade in order to install a winter blade onto a competitor's heavy duty wiper arm. 66 Series blades can be used on both curved and flat windshields.

Part No.	Length	Anco #
66-130	13"	59-13
66-150	15"	59-16
66-180	18"	59-18



WINDSHIELD WIPER BLADE REFILLS, ARMS & PUMPS

71 Series - For Trico Blades - Type A & B Refills
The Trico 71 Series Type A refill is an exact fit refill for Trico 63 series blades. Trico 71 Series Type B refill is an exact fit for Trico 67 series blades.

Part No.	Length	Refills Trico Blades	Type
71-180	18"	63-180, 63-181	A
71-240	24"	67-241	B

73 Series - Heavy Duty Adjustable Wiper Arms
73 Series heavy duty adjustable wiper arms all have a silver finish and feature an adjustable saddle. The 73-300 heavy duty wiper arms are designed for flat tapered shafts. Driver or passenger side.

Part No.	Adjustable Length	Shaft Attachment
71-180	14" to 18"	Flat Tapered Shaft

Universal Washer Pump
For all domestic and international vehicles.
Part No. 11-100

DASH FANS

Dash Fan
- Mounts permanently on dash, top or side panel.
- All chrome plated base, guard and motor
- 2 Speed 12V motor
- 3 position toggle switch
- Ball swivel base
- Includes pigtail wires and mounting gasket
- Our most popular fan

Part No. 100012

Dash Fan - Heavy Duty
- Heavy duty die base, Chrome guard
- 61/2" diameter fan, 4 blades, 250 CFM
- Heavy duty 12V & 24V motors
- Variable speed rheostat switch
- Ball joint swivel base

12V Part No. 300012
24V Part No. 300024

Dash Fan
- Black swivel ball base with 3-hole mounting
- Chrome guard
- Heavy-duty, 12-or 24-volt speed motors
- **3 position toggle switch**

Part No. 200112
DEF Fan / Switch (97-14) 12V, DC

Part No. 200124
DEF Fan / Switch (97-14) 24V, DC

MARADYNE
MOBILE PRODUCTS

AIR CONDITIONING PARTS — COMPRESSORS

Part No. E-801512 York Compressor
CCI 25150, Tube "O", R12/R134a, LH Suction.

Part No. E-801163 Sanden Compressor
Sanden 4510 wtih 2 Groove Clutch, R134a

FREON

R134A Freon
30 pound container
Part No. M8-31

EXPANSION VALVES

Part No. E-805025

Block Type
1 1/2 Ton Capacity
R12/R134a
Fits Most Trucks

DRIERS

Part No. E-804030
High Capacity Drier. 3" Diameter x 8" Long
3/8"male "O" ring Inlet/Outlet Ports
High Pressure Relief Valve. Female Switch Port
(3/8"-24). Moisture Indicator. Top Sight Glass. 12 Cubic Inch Dessicant. R12/R134a

Part No. E-804033
Same as above except 9 3/16" Long
w/low pressure switch port.

Part No. E-804053
3" Diameter x 10" long. 3/8" Female "O" Ring Inlet Port, 3/8" Male "O" Ring Outlet Port.
Moisture Indicator, Sight Glass on side of cap, R12/R134a

CLUTCHES

Part No. E-802501
6" (152 mm) Pulley Diameter
2 Groove
12 volt, Double Groove
for CCI and Blissfield Compressors
Without Diode or Weatherpack.

SWITCHES

Part No. E-807252
Trinary™ Switch
Female Thread
Normally Open

Part No. E-807253
Trinary™ Switch
Male Thread
Normally Open

CAB HEATERS

Heater Rating	20,000 BTU/Hr
Fuel Consumption	1 lb./hr
Current Draw	8 amps @12 VDC
Fuel System Components	Pressure Regulator w/ excess flow valve
Exhaust	1" NPT maximum of 4ft. in length
Heater Dimensions	7 H X 11.25 W x 16 D
Weight	30 lbs. (shipping)

Propane Cab and Cargo Heater
Cab and Cargo Heater economically and efficiently generates 20,000 BTUs of warmth from your choice of diesel, propane or natural gas. Proven reliability at outside temperatures below -50°F. Single switch control module mounts inside cab; accessory thermostat automatically cycles on-off to maintain desired zone temperature.

Part No. PH20-15A (12 Volt)
Part No. PH20-16A (24 Volt)
Part No. PH20-30A (12 Volt Auto Start)

HUNTER®

We carry a full line of Heating Products Including:

Ignition Packs / Ignitors, Thermostats, Heater Motors, Remote Control Kits, Fan Propeller, 12 V Hunter Solenoids.

SHOP EQUIPMENT

Dual Wheel Dolly
1500 Pound Capacity
Allows for easy removal and transport of dual wheel and tire and assemblies.

- Designed to provide extra low position for easy installation and removal.
- Leveling screw provides infinite tilt adjustment.
- 4 ton hydraulic jack provides a full 7¾" lift.
- 6' chain included to hold wheel assembly in place
- Large swivel casters for easy maneuverability.

Part No. 3577

Air-Hydraulic Service Jack
22 Ton Capacity
For heavy duty use in repairing trucks, buses, trailers and other heavy equipment.

- Features an in-line filter/dryer to remove oil, aerosols and moisture that may by-pass your current air filtration system.
- Heat treated cylinder wall to protect against scoring.
- * Large rear wheels and "T" handle for easy positioning.
- * Optional extension saddle available to provide added height to 22".

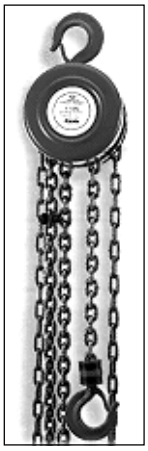
Part No. 565D

Part No. 565A028 (4" lift extension)

Floor Jack - 3.5 Ton Capacity
Heavy Duty Professional Model

- Universal joint type mechanism for ease of operation.
- Flanged side plates for increased strength
- Automatic safety valve prevents jack from overload.
- Double return springs for fast retraction
- Removable 2 piece handle for compact storage. (One piece handle also available.)
- Rear mounted swivel casters for easy maneuverability

Part No. 350



Single Fall Chain Hoist, 1 Ton Capacity
Factory tested to 150% of rated capacity. 8 Foot Lift.

- 1/4" load chain diameter
- Triple spur gear
- Safety brake prevents slipping
- Steel alloy chain for smooth lifting
- Safety hooks included

Part No. 4001A

High Stand, 2 ton capacity

- Adjusts from 55" to 85½".
- * Base dimensions 24" x 24" x 24".
- Exceeds ANSI standards for performance and safety.
- * Easily disassembles for storage.
- Ideal for exhaust and suspension work
- Stabilizes vehicles that are raised by in-ground or above-ground lifts.

Part No. 3315A

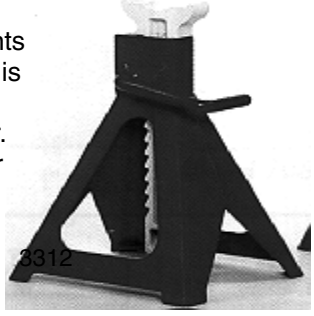
Bottle Jacks

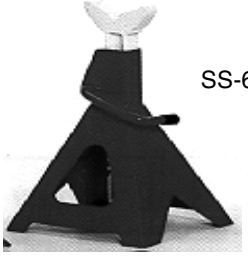
- Designed for horizontal or vertical use.
- Factory pretested to 150% of rated capacity
- Heat treated piston for maximum strength
- Centered pump and ram for balance and easy positioning

Part No.	Ton Cap.	Low Hgt.	High Hgt.	Lift	Screw	Base Dim.	Weight
3512	12	8½"	17"	5¾"	2¾"	5½" x 5¼"	17# ea.
3520	20	9⅝"	18¼"	6⅜"	2¼"	6¾" x 6¼"	27# ea.
3530	30	11"	18⅝"	7⅝"	--	7" x 7"	44# ea.

Garage Stands

- Safety ratchet design prevents lowering of stand when load is on saddle.
- * Part No. represents one pair.
- Exceeds ANSI standards for performance and Safety





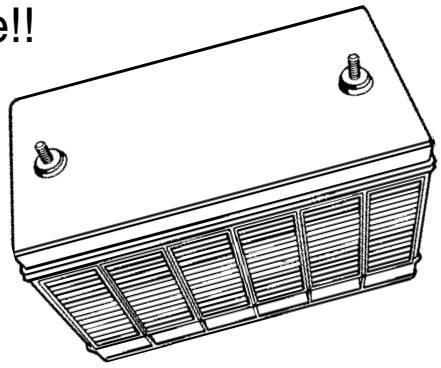
SS-6

Part No.	Cap. (Each)	Low Hgt.	High Hgt.	Base Dim.
SS-6	6 Tons	15½"	23¾"	9" x 10½"
3310	10 Tons	28"	47"	16" x 16"
3312	12 Tons	17¾"	28½"	12 x 10¾"

HEAVY DUTY BATTERIES

Maintenance Free!!

18 Month Full Replacement From Date of Installation.



BATTERYPRO

Trojan BATTERY COMPANY

Group 24 & 27 Batteries				
Part No.	**Group**	**CCA**	**Reserve**	**Post Style**
24-60	24	520	90 RC	LT, AP
24-72	24	750	115 RC	LT, AP
27-60	27	750	150 RC	LT, AP

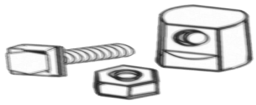
Group 31 & 34 Batteries				
Part No.	**Group**	**C. C.**	**Reserve**	**Post Style**
CXT31A-9	31A	950	210 RC	ST, AP
CXT31S-9	31S	950	210 RC	ST, AP
34-72	34	700	125 RC	ST, AP
31S-7	31S	700	150 RC	ST, AP

Group 4D & 8D Batteries				
Part No.	**Group**	**CCA**	**Reserve**	**Post Style**
4DLT	4D	900	255 RC	AP
C4D	4D	950	300 RC	AP
C8D	8D	1300	440 RC	AP
8D	8D	1100	430 RC	AP
C3EH	3EH	925	240 RC	AP

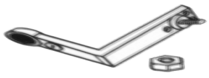
Group 75 & 78 Batteries				
Part No.	**Group**	**CCA**	**Reserve**	**Post Style**
75-60	75	525	90 RC	ST, AP
78-72	78	770	115 RC	ST, AP

Deep Cycle Commercial Batteries				
Part No.	**Voltage**	**CCA**	**Reserve**	**Post Style**
J185G	12V	-	85	UT
J250G	6V	-	130	UT
J305G	6V	-	175	UT
L16G	6V	-	200	LT, UT

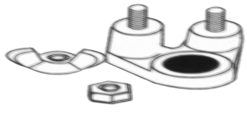
Terminal Configuraions (Post Style)



Universal Terminal (UT)

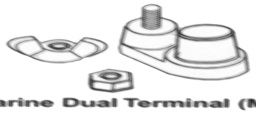


Bus Terminal (BT)

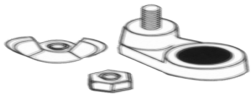


Dual Wingnut Terminal (DWNT)

L Terminal (LT)



Marine Dual Terminal (MDT)



Low Profile Terminal (LPT)

Automotive Post (AP)

Stud Terminal (ST) not shown

Trojan®
For The Longest Drive

- The world's top golf car manufacturers install Trojan batteries rigth into their vehicles on the assembly line. Individual owners can trust the world's #1 deep cycle battery to keep them rolling on and off the course!
- Trojan's proprietary Maxguard® Advanced Design Separator and exclusive Alpha Plus® paste formulation team up to increase battery life, extend run time and decrease maintenance.
- Durability, reliability and proven technology mean you can depend on Trojan batteries for consistent performance day in and day out - whether you play golf all day or drive around town.

TROJAN BATTERIES WORK HARD SO YOU CAN PLAY HARD

Trojan. BATTERY COMPANY

TROJAN® GOLF

Deep Cycle 6 Volt Batteries

Deep Cycle 8 Volt Battery

PRODUCT SPECIFICATIONS

Type	LEUs[1]	Min. @ 56 Amps	Min. @ 75 Amps	Available Energy kWH	Overall Dim. Inches Length	Width	Height	Approx. Weight lbs.	Cover/Case
DEEP CYCLE 6VOLT BATTERIES									
T-605	383	-	105	4.7	10-3/8	7-1/8	11-3/16	58	MAR/MAR
T-105	438	-	115	5.2	10-3/8	7-1/8	11-3/16	62	MAR/MAR
T-125	492	-	132	5.9	10-3/8	7-1/8	11-3/16	66	MAR/MAR
T-145	673	-	145	6.5	10-3/8	7-1/8	11-1/2	72	MAR/MAR
DEEP CYCLE 8VOLT BATTERIES									
T-875	438	117	-	5.2	10-3/8	7-1/8	11-3/116	63	MAR/MAR

[1]Lifetime Energy Units

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