



STEMCO®

Making the Roadways Safer®



GOODYEAR
AIR SPRINGS



Website: www.garlock.com.au
Customer Service Phone: 02 9793 2599
Customer Service E-Mail: sales.australia@stemco.com

TABLE OF CONTENTS



STEMCO In-Field Support

STEMCO Truck Quick Reference

STEMCO Trailer Quick Reference

STEMCO Wheel Seals & Tooling

STEMCO Bearing Sets & Kits

SPACER-TECH System

STEMCO Auto-Torq Kits

STEMCO Truck & Trailer Hub Caps

STEMCO Hub Cap Spare Parts

STEMCO Hub Cap & Drive Axle Gaskets

STEMCO Axle Fasteners & Tooling

STEMCO Bearing Adjustment Guide

KAISER No-Ream King Pins & Tooling

KAISER Steerable Trailer Axle King Pins

QWIKTIE Universal Heavy Duty Tie Rod

SVT Hubodometers & Mounts

SVT Hubodometers Tyre Rev's

GOODYEAR Air Springs

GAFF Torque Rods

GAFF Common Truck & Trailer Components

GAFF *To Suit* Trailer & Schematics

GAFF *To Suit* Hendrickson & Schematics

GAFF *To Suit* Neway & Schematics

GAFF *To Suit* Kenworth & DAF

GAFF *To Suit* Kenworth Steer & Big 6 Suspension

GAFF *To Suit* Airglide Suspension

GAFF *To Suit* Western Star & Freightliner

GAFF *To Suit* Airliner, TufTrac & Steer Suspension

GAFF *To Suit* Mack & Volvo

GAFF *To Suit* Cat Trucks, International & IVECO

GAFF Tooling

PRO-ONE XPL-101 Penetrating Spray Lubricant

PRO-ONE Fuel Maximizer

PRO-ONE Gold EP-2 Grease

PRO-ONE Heavy Duty Oil Stabilizer

STEMCO Australia & Export Contacts

Our Purpose is to help the Transport Industry to become More Safe, More Productive and More Sustainable.

STEMCO **WHEEL END™**

PRODUCT CLINIC

- Techniques to increase seal life
- Axle Fasteners - Double Nut, Pro-Torq, Zip-Torq & Auto-Torq
- Adjustment procedures
- Proper hub fill rates
- Wheel end venting & pressure
- Complete wheel end break down & rebuild
- Trouble-shooting & inspection

STEMCO **STEERING PRODUCTS™**

PRODUCT CLINIC

- King pin replacement for QWIKKIT® and PLUSKIT®
- Heavy Duty Universal QWIKTIE
- Complete King Pin & Tie Rod break down and rebuild
- Trouble-shooting & inspection



GOODYEAR **AIR SPRINGS GAFF™** **SUSPENSION PRODUCTS**

PRODUCT CLINIC

GOODYEAR AIR SPRINGS

- Superior rubber components
- Truck & Trailer air springs

GAFF POLYURETHANE PRODUCTS

- Polyurethane components
- Spring pin & bush assemblies
- Truck & Trailer mounts
- Trouble-shooting & inspection

SVT

STEMCO® VEHICLE TECHNOLOGY **INNOVATIVE TYRE AND** **MILEAGE SOLUTIONS**

- Hubodometers & mounts
- Mileage management
- Tyre pressure & temperature monitoring
- Asset tracking

SCAN THE QR CODE
TO BOOK A CLINIC

STEMCO Product Demonstrations



QUICK REFERENCE - TRUCK



		STEER AXLE (LIGHT DUTY)		STEER AXLE (HEAVY DUTY)		DRIVE AXLE					
		DANA EFA10-13 & E SERIES (SOME) MERITOR FE & FF SERIES		DANA E & I SERIES MERITOR FG, MFS13-14, MFS-66 HENDRICKSON *		MERITOR FF HD KENWORTH		DANA D & EFA18-24 MERITOR FH, FL, MFS16-22, MFS-73 DETROIT DA-F 7.3T		DANA MERITOR	
BEARING SETS	INNER SET	SET413STM			SET413STM		SET423STM		SET403STM		
	OUTER SET	SET406STM			SET409STM		SET424STM		SET401STM		
WHEEL SEALS	VOYAGER	383-0136					383-0164		393-0173		
	DISCOVER XR	383-0436					383-0464		393-0473		
	GUARDIAN HP	308-0836					308-0864		309-0973		
BEARING KITS	WITH VOYAGER	KIT-102STM			KIT-KWSTM		KIT-104STM		KIT-101STM		
	WITH GUARDIAN								KIT-106STM		
SPACERTECH SPACER	ADJUSTABLE SPACER	446-602					446-603		446-803		
AXLE FASTENER	PRO-TORQ ASSY	448-4837	448-4836	448-4839	448-4865	449-4973					
	PRO-TORQ KEEPER RING	450-4837	450-4836	450-4839	450-4865	450-4973					
	ZIP-TORQ	400-4837	400-4836		400-4865	400-4973					
HUB CAP (DEFENDER IS COMPOSITE) (TRADITIONAL IS ALUMINIUM)	DEFENDER	367-4024 (4-1/2" CAP)			367-4009 (5-1/2" CAP)						
	TRADITIONAL – RUBBER PLUG	343-4024 (4-1/2" CAP)			343-4281 (5-1/2" CAP)			340-4119 (TAG AXLE)			
	TRADITIONAL – SENTINEL PLUG	356-4024 (4-1/2" CAP)			356-4281 (5-1/2" CAP)			FIT 359-6124			
SPARE PARTS	WINDOW KIT – RUBBER PLUG	359-5999 (4-1/2" CAP)			359-5995 (5-1/2" CAP)			359-5995			
	WINDOW KIT – SENTINEL PLUG	359-6143 (4-1/2" CAP)			359-6145 (5-1/2" CAP)			FIT 359-6124			
	ESP+ PLUG	359-6124 ESP+ HUB CAP PLUG (PAIR)									
	GASKET	330-3024 (4-1/2" CAP)			330-3009 (5-1/2" CAP)			330-3111			
QWIKTIE TIE ROD	ASSEMBLY - STRAIGHT	QT967SS (Small Taper) (EXCEPT E1320-E1462 SERIES USE QT108SB)				QT108SB (Large Taper) (SOME E-SERIES)					
KAISER NO-REAM	PLUSKIT (BRONZE BUSH)	70.120.05 EFA 10/12/13	70.141.19 I SERIES	70.931.12 FF SERIES	70.180.05 EFA18-24						
		70.122.05 E1200/1201/1320	77.931.18 FG & MFS13-14	70.533.13 FA537 & 538	78.931.12 FH & FL SERIES						
		70.146.05 E1460	79.131.18 MFS-66		70.180.18 MFS16-22 & MFS73	70.201.19 D SERIES					
		70.140.09 343KK100	70.147.05 E1002/1202/1322/1462		70.182.18 MFS18-20 & MFS75						
KING PIN KITS	QWIKKIT (SPIRAL BUSH)	K120E EFA 10/12/13	K141S I SERIES	K931R FF SERIES	K180E EFA 18-24						
		K122E E1200/1201/1320	KG931R FG & MFS13-14	K533M FA537 & 538	KH931L FH & FL SERIES			K160A DETROIT/DAIMLER			
		K146E E1460	K131R MFS-66		K180R MFS16-22 & MFS73			K201S D SERIES			
		K140I 343KK100	K147E E1002/1202/1322/1462		K182R MFS18-20 & MFS73						

* HENDRICKSON AIRTEK/STEERTEK KING PIN KIT IS ECONOKIT 50.121.08.

* SOME LATE FG941 & ALL MFS66 AXLES RUN A 5-1/2" HUB CAP.

* ZIP-TORQ CAN BE USED WITH PRESET, LMS, CONMET OR SPACER SYSTEM WHEEL END, REFER STEMCO BEARING ADJUSTMENT PROCEDURE.

* MORE HUB CAPS, PARTS, GASKET OPTIONS AVAILABLE, REFER STEMCO HUB CAP & SPARE PARTS REFERENCE MATERIAL.

* SPACER-TECH ADJUSTABLE SPACER CAN BE USED ON TRADITIONAL WHEEL END OR REPLACE PRESET/LMS/CONMET SYSTEMS.

QUICK REFERENCE - TRAILER



 STEMCO®		LIGHT DUTY UNCOMMON	LIGHT DUTY COMMON (TAPERED SPINDLE)	TN / HN	TP / HP (PARALLEL SPINDLE)	BPW 10-12T NEW GEN ECO/ECO+/ECO+3
BEARING SETS	INNER SET	665A/653	SET405STM	SET414STM	SET415STM	33118STM
	OUTER SET	SET413STM	SET413STM	SET413STM	SET415STM	33213STM
WHEEL SEALS	VOYAGER	373-0144	373-0113	373-0143	373-0123	
	DISCOVER XR			373-0443	373-0423	
	GUARDIAN HP	307-0744	307-0713	307-0743	307-0723	
	STM GREASE	STM-0744G	STM-0713G	STM-0743G	STM-0723G	STM-0747G *
BEARING KITS	WITH VOYAGER			KIT-103STM	KIT-105STM	
	WITH GUARDIAN				KIT-109STM	
	WITH GREASE			KIT-107STM	KIT-108STM	
SPACERTECH SPACER	ADJUSTABLE SPACER	446-704		446-701	446-708	446-702
AXLE FASTENER	PRO-TORQ	447-4743	447-4743	447-4743	447-4723	
	PRO-TORQ KEEPER RING	450-4743	450-4743	450-4743	450-4723	
	ZIP-TORQ	400-4743	400-4743	400-4743	400-4723	
	SPACER-TECH (USE EXISTING LOCK WASHER)	446-704H (ROR 65MM)	446-701H (YORK 2-1/2")	446-702H (ROCKWELL 2")	446-708H	
AUTO-TORQ KITS	WITH VOYAGER			KIT-TNATV	KIT-TPATV	
	WITH GUARDIAN			KIT-TNATG	KIT-TPATG	
HUB CAP (POLYCARBONATE IS CLEAR) (DEFENDER IS COMPOSITE) (TRADITIONAL IS ALUMINIUM)	POLYCARBONATE				340-4975 (SCREW CAP)	
	DEFENDER	367-4009 (5-1/2" CAP)			367-4195 (6 BOLT CAP)	
	TRADITIONAL – RUBBER PLUG	343-4009 (5-1/2" CAP)			343-4075 (SCREW CAP) 343-4195 (6 BOLT CAP)	
	TRADITIONAL – SENTINEL PLUG	356-4009 (5-1/2" CAP)			356-4075 (SCREW CAP) 356-4195 (6 BOLT CAP)	
SPARE PARTS	WINDOW KIT – RUBBER PLUG	359-5995 (5-1/2" CAP)			359-5995 (6 BOLT & SCREW)	
	WINDOW KIT – SENTINEL PLUG	359-6145 (5-1/2" CAP)			359-6145 (6 BOLT & SCREW)	
	ESP+ PLUG	359-6124 ESP+ HUB CAP PLUG (PAIR)				
	GASKET	330-3009 (5-1/2" CAP)			330-3077 (O-RING SCREW CAP) 330-3118 (6 BOLT CAP)	
HUBODOMETER MOUNT BRACKETS	POLYCARBONATE (VENTED)	640-0001 (5-1/2" CAP)			640-0003 (SCREW CAP)	
	WINDOW KIT	359-6117 (REPLACES WINDOW IN TRADITIONAL HUB CAP)				
	STANDALONE (VENTED)	610-0065 (5-1/2" CAP)			610-0084 (6 BOLT CAP)	
		600-99AS				0321225080HUBO
	SHROUD MOUNT	(REPLACES WINDOW & RING ON TRADITIONAL HUB CAPS BOLT & SCREW TYPE, ONE PIECE PROTECTIVE SHROUD FOR ELECTRONIC HUBODOMETERS ONLY)				ECO/ECO+3 M135x2MM 0321225310HUBO ECO+ M136x2.5MM
KAISER NO-REAM KING PIN KITS	PLUSKIT (BRONZE BUSH)	70.700.20 DEXTER, IMT, TMC	70.230.07 KGI, HENDRICKSON	78.931.12 WATSON & CHALIN		
	QWIKKIT (SPIRAL BUSH)	K700T DEXTER, IMT, TMC	K230KG KGI, HENDRICKSON	KH931L WATSON & CHALIN		

- * ZIP-TORQ CAN BE USED WITH UNITIZED TRAILER WHEEL END, REFER AXLE MANUFACTURER'S ADJUSTMENT SPECIFICATION.
- * ZIP-TORQ CAN BE USED WITH PRESET, LMS, CONMET OR SPACER SYSTEM WHEEL END, REFER STEMCO BEARING ADJUSTMENT PROCEDURE.
- * MORE HUB CAPS, PARTS, GASKET OPTIONS AVAILABLE, REFER STEMCO HUB CAP & SPARE PARTS REFERENCE MATERIAL.
- * SPACER-TECH ADJUSTABLE SPACER CAN BE USED ON TRADITIONAL WHEEL END OR REPLACE PRESET/LMS/CONMET SYSTEMS.
- * STM GREASE SEAL MAY NO BE SUITABLE FOR SOME ABS SYSTEMS, STM-0747G SUITS NEW GEN ONLY.
- * BPW UNITS ARE INTERGRATED HUBCAP & SHROUD

WHEEL END PRODUCTS



STEMCO®

WHEN IT COMES TO WHEEL ENDS, WE HAVE YOU COVERED.

**THE INDUSTRY LEADER, PROVIDING PROVEN PROTECTION AND
EXCEPTIONAL VALUE FOR EVERY FLEET**


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AXLE	MODEL	COMPETITOR NUMBERS	VOYAGER HUB INSTALLED	DISCOVER XR	GUARDIAN HP AXLE FIT	GREASE STM * HAND FIT
STEER AXLE						
MACK	12,000# 5.5T	39977, 39979, 39988 32QJ262, 88AX305	383-0139	ALSO SOLD AS KIT 383-8139 INCLUDES 310-1132 SHOULDER BUSHING		
MERITOR / ROCKWELL	FE-FF SERIES, FG SERIES MFS13-MFS14, MFS-66	35058, 35059 35062, 35066, 35103	383-0136	383-0436	308-0836	
DANA / EATON / SPICER	E SERIES, I SERIES, EFA10-13 FA537-FA538	10045885, 10005430				
MACK HENDRICKSON	AIRTEK, STEERTEK FH SERIES & FL SERIES					
MERITOR / ROCKWELL	MFS16-MFS22, MFS73-75	43761, 43762				
DANA / EATON / SPICER	D2000-D2200, I-220 EFA22-EFA24	43763, 43764, 43765 10045883, 940013902	383-0164	383-0464	308-0864	
DETROIT / DAIMLER	16,000# DA-F 7.3T AF16-AF20					
DRIVE AXLE						
MERITOR / ROCKWELL	COMMON	47691, 47693	393-0173	393-0473	309-0973	
DANA / EATON / SPICER	38,000# & 46,000#	47695, 47696, 47697 10005431, 10045887				
MACK	SW34 34,000#	45069, 45070, 45093 45097, 45098, 45099 32QJ268, 88AX467	393-0103		309-0903	
MACK	SW44 44,000#	42673, 42671 42672, 42644, 42650 32QJ271, 88AX466	393-0104		309-0904	
TRAILER AXLE						
TN / HN	(TAPERED SPINDLE)	46300, 42626 43000, 46305, 46306 10045888, S-27267	373-0143	373-0443	307-0743	STM-0743G
TP / HP	(PARALLEL SPINDLE)	42672, 42623 42627, 42631, 42622 10045889, A-27268	373-0123	373-0423	307-0723	STM-0723G
LIGHT DUTY	(COMMON)	40136, 40147, 40133 40129, 42630, 47394	373-0113		307-0713	STM-0713G
LIGHT DUTY	(UNCOMMON)	43752, 43753, 43754	373-0144		307-0744	STM-0744G
BPW TRANSPEC	NEW GEN 10-12T	02.566.44.65.7				STM-0747G
DRAKE	GENUINE 15	BW0001	GRIT GUARD 320-2086 & OEM AXLE RING			

* STM GREASE SEAL MAY NOT BE SUITABLE WITH SOME ABS APPLICATIONS, CHECK CLEARANCE BETWEEN SEAL & ABS BRACKET/SENSOR Refer Technical Publication TP-0049A



16735STM 4 PIECE PRY BAR SET - ROLLED HEAD

4 PIECE PRY BAR SET WITH ROLLED HEAD, ENABLES HIGH LEVERAGE TO REMOVE WHEEL SEALS WITH EASE.

1x 150mm Bar, 1x 300mm Bar, 1x 400mm Bar, 1x 500mm Bar

HIGH PERFORMANCE AND REVOLUTIONARY DESIGN

Voyager®

DISCOVER® XR

Guardian® HP



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AXLE	MODEL	VOYAGER	DISCOVER XR	TOOL HEAD	BEARING GUIDE	TOOL HANDLE
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VOYAGER & DISCOVER XR (TOOL BOARD 570-7032)

STEER (LIGHT DUTY)	MACK (5.5T)	383-0139 383-8139		551-5413	570-0020	551-0001
STEER (LIGHT DUTY)	MERITOR / ROCKWELL (FF/FG) DANA / EATON / SPICER (E & I) MACK / HENDRICKSON	383-0136	383-0436	551-5346	570-0020	551-0001
STEER (HEAVY DUTY)	MERITOR / ROCKWELL (FL/MFS) DANA / EATON / SPICER (D & EFA) DETROIT / DAIMLER (DA-F)	383-0164	383-0464	551-5327	570-0022	551-0001
DRIVE	MERITOR / ROCKWELL DANA / EATON / SPICER	393-0173	393-0473	551-5320	570-0028	551-0001
DRIVE	MACK (SW34)	393-0103		551-5415	570-0023	551-0001
DRIVE	MACK (SW44)	393-0104		551-5414	570-0023	551-0001
TRAILER	TN / HN (TAPERED)	373-0143	373-0443	551-5412	570-0026	551-0001
TRAILER	TP / HP (PARALLEL)	373-0123	373-0423	551-5401	570-0025	551-0001
TRAILER	LIGHT DUTY (COMMON)	373-0113		551-5313	570-0023	551-0001
TRAILER	LIGHT DUTY (UNCOMMON)	373-0144		551-5339	570-0024	551-0001

AXLE	MODEL	GRIT GUARD	GUARDIAN HP	TOOL HEAD	TOOL BODY
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GRIT GUARD & GUARDIAN HP (TOOL BOARD 570-7033)

STEER (LIGHT DUTY)	MERITOR / ROCKWELL (FF/FG) DANA / EATON / SPICER (E & I) MACK / HENDRICKSON	382-8036	308-0836	555-5098	555-0001
STEER (HEAVY DUTY)	MERITOR / ROCKWELL (FL/MFS) DANA / EATON / SPICER (D & EFA) DETROIT / DAIMLER (DA-F)	382-8064	308-0864	555-5007	555-0001
DRIVE	MERITOR / ROCKWELL DANA / EATON / SPICER	392-9131	309-0973	555-5076	555-0001
DRIVE	MACK (SW34)	392-9094	309-0903	555-5072	555-0001
DRIVE	MACK (SW44)	392-9112	309-0904	555-5072	555-0001
TRAILER	TN / HN (TAPERED)	372-7097	309-0743	555-5039	555-0001
TRAILER	TP / HP (PARALLEL)	372-7099	309-0723	555-5023	555-0001
TRAILER	(COMMON)	372-7098	307-0713	555-5100	555-0001
TRAILER	(UNCOMMON)		307-0744	555-5069	555-0001
TRAILER	DRAKE 15"	320-2086 Seal		555-5060	555-0001

Voyager®
**DISCOVER®
XR**
GRITGUARD®
**Guardian®
HP**


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AXLE	MODEL	COMBINATION		COMPETITOR SET NUMBER		STEMCO HEAVY DUTY MATCHED SETS	
		INNER CONE & CUP	OUTER CONE & CUF	INNER	OUTER	INNER	OUTER
STEER AXLE							
MERITOR / ROCKWELL	FE-FF SERIES, FG SERIES	HM212049	3782	SET413 SET440	SET406 SET496	SET413STM	SET406STM
DANA / EATON / SPICER HENDRICKSON	MFS13-MFS14, MFS-66 E SERIES, I SERIES, EFA10-13 AIRTEK, STEERTEK	HM212011	3720	10041905	10041906		
MERITOR / ROCKWELL	FF-SERIES (HD KENWORTH)	HM212049	45280	SET413 SET440	SET409	SET413STM	SET409STM
MACK	FA537-538	HM212011	45220	10041905	SET495		
MERITOR / ROCKWELL	FH SERIES & FL SERIES	6461A	555S	SET423	SET424	SET423STM	SET424STM
DANA / EATON / SPICER	MFS16-MFS22, MFS-73			SET497	SET498		
DETROIT / DAIMLER	D2000-D2200, I-220, EFA22-24 16,000# DA-F 7.3T AF16-20	6420	552A	10041925	10041926		
DRIVE AXLE							
MERITOR / ROCKWELL	COMMON	594A	580	SET403 SET443	SET401 SET442	SET403STM	SET401STM
DANA / EATON / SPICER	38,000# & 46,000#	592A	572	10041915	10041916		
MERITOR / ROCKWELL	UNCOMMON	598A	580		SET401 SET442	SET404STM	SET401STM
DANA / EATON / SPICER	38,000# & 46,000#	592A	572	SET404	10041916		
MACK	SW34 34,000#	580 / 572	567	SET401 SET442	SET425	SET401STM	SET425STM
		582 / 572	563	SET402		SET402STM	
MACK	SW44 44,000#	HM516449	47679			SET421STM	SET426STM
		HM516410	47620	SET421	SET426		
TRAILER AXLE							
TN / HN	TAPERED SPINDLE	HM218248	HM212049	SET414 SET441	SET413 SET440	SET414STM	SET413STM
		HM218210	HM212011	10041935	10041905		
TP / HP	PARALLEL SPINDLE	HM518445	HM518445	SET415 SET444	SET415 SET444	SET415STM	SET415STM
		HM518410	HM518410	10041945	10041945		
LIGHT DUTY	COMMON	663 / 653	HM212049	SET405	SET413 SET440	SET405STM	SET413STM
	UNCOMMON	665A / 653	HM212011	N/A		N/A	
BPW TRANSPEC	10-12T NEW GEN ECO, ECO+, ECO+3	X33118	X33213	SET997	SET998	33118STM	33213STM
		Y33118	Y33213	33118	33213		
FUWA K-HITCH	17T	HM220149	HM518445	SET317	SET415	HM220149STM	SET415STM
	FB24, KF75	HM220110	HM518410	H12-0200	H12-0100	HM220110STM	
YORK	20T	HM220149	HM218248	SET317	SET414	HM220149STM	SET414STM
	2800 SERIES	HM220110	HM218210	7950228501	7978611701	HM220110STM	
				7950228502	7978611702		



HEAVY DUTY UNIVERSAL BEARING CUP INSTALLER & REMOVAL TOOL

7180STM

ELIMINATE DAMAGE TO BEARING CUP, WHEEL HUB
& ENSURE CORRECT SEATING OF BEARING SETHEAVY DUTY SPRING TENSION ADJUSTABLE JAWS
SUITABLE FOR BEARING CUPS 92MM TO 165MMHEAVY DUTY
BEARINGSUNRIVALLED PERFORMANCE,
UNBELIEVABLE VALUEBearings are at the heart of commercial trucking.
Inferior quality can cost far more than the money it saves.STEMCO® heavy-duty bearings deliver exceptional quality & reliability.
Part of our promise of *Making the Roadways Safer®*.Visit WWW.GARLOCK.COM.AU



AXLE	MODEL	MATCHED SETS		COMPETITOR KIT NUMBERS	STEMCO PREMIUM WHEEL BEARING KITS
		INNER	OUTER		

STEER AXLE

MERITOR / ROCKWELL DANA / EATON / SPICER HENDRICKSON	FE-FF SERIES, FG SERIES MFS13-MFS14, MFS-66 E SERIES, I SERIES, EFA10-13 AIRTEK, STEERTEK	SET413STM	SET406STM	WBK4SCR, WBK4SCR, WBK4SSC WBK4KSST, WBK4SCR454 MERKIT001, TRP5820 VKBA5800, VKBA5801 RDPKIT102 (No Seal in Kit)	KIT-102STM VOYAGER SEAL IN KIT
MERITOR / ROCKWELL	FF-SERIES (HD KENWORTH)	SET413STM	SET409STM	WBK4SUCR, WBK4SUSC WBK4SUCP, WBK4USUT MERKIT007, TRP5820	KIT-KWSTM VOYAGER SEAL IN KIT
MERITOR / ROCKWELL DANA / EATON / SPICER DETROIT / DAIMLER	FH SERIES & FL SERIES MFS16-MFS22, MFS-73 16,000# DA-F 7.3T AF16-20	SET423STM	SET424STM	WBK4SCHB, WBK4SSHA WBK4CHA, WBK4SCHA, WBK4SSHC MERKIT002, TRP5821 VKBA5804, VKBA5808 RDPKIT104 (No Seal in Kit)	KIT-104STM VOYAGER SEAL IN KIT

DRIVE AXLE

MERITOR / ROCKWELL DANA / EATON / SPICER	COMMON 38,000# & 46,000#	SET403STM	SET401STM	WBK3DCR, WBK3DCRP WBK3DST, WBK3SCRV WBK3DSG, MERKIT003 VKBA5806 VKBA5807 VKBA5808 TRP5806, TRP5807 RDPKIT101 (No Seal in Kit)	KIT-101STM VOYAGER SEAL IN KIT KIT-106STM GUARDIAN HP SEAL IN KIT
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TRAILER AXLE

TN / HN	TAPERED SPINDLE	SET414STM	SET413STM	WBK1TCR, WBK1TCRP, WBK1TRCP454, WBK1TSG, WBK1TSTG, WBK1TST MERKIT006, TRP5821 TRP5822 VKBA5809 VKBA5810, VKBA5811 RDPKIT103 (No Seal in Kit)	KIT-103STM VOYAGER SEAL IN KIT KIT-107STM STM GREASE SEAL IN KIT KIT-110STM GUARDIAN HP SEAL IN KIT
TP / HP	PARALLEL SPINDLE	SET415STM	SET415STM	WBK2PCR, WBK2PCRP WBK2PSG, WBK2PSTG WBK2PST, MERKIT005 VKBA5812, VKBA5813	KIT-105STM VOYAGER SEAL IN KIT KIT-108STM STM GREASE SEAL IN KIT KIT-109STM GUARDIAN HP SEAL IN KIT

UNIVERSAL FILL TOOL



DESIGNED FOR
SEMI-FLUID &
GREASE FILLED
HUBS

TRUCK & TRAILER WHEEL PAN



5001STM

SUITABLE FOR RIMS
UP TO 350MM INTERNAL
DIAMETER FEATURES
EASY POUR EVACUATION
MOUTH & HANDLES

UNIVERSAL BEARING PACKER



5230STM

SUITABLE FOR BEARINGS
I.D. (MAX) 12MM OR 15/32"
O.D. (MAX) 125MM OR 4-59/34"
HEIGHT (MAX) 50MM OR 1-31/32"

HEAVY DUTY BEARINGS

UNRIVALLED PERFORMANCE, UNBELIEVABLE VALUE

Bearings are at the heart of commercial trucking.
Inferior quality can cost far more than the money it saves.

STEMCO® heavy-duty bearings deliver exceptional quality & reliability.
Part of our promise of *Making the Roadways Safer®*.

Visit WWW.GARLOCK.COM.AU





SPACER-TECH HEAVY-DUTY ADJUSTABLE SPACER SYSTEM



AXLE	MODEL	BEARING SET INNER	BEARING SET OUTER	PRO-TORQ AXLE NUT	SPACER-TECH NUT	SPACER
STEER AXLE						
MERITOR / ROCKWELL	FE-FF SERIES, FG SERIES			448-4836		
DANA / EATON / SPICER	MFS13-MFS14, MFS-66	SET413STM	SET406STM	(Course Thread)		446-602
HENDRICKSON	E SERIES, I SERIES, EFA10-13			448-4837		
	AIRTEK, STEERTEK			(Fine Thread)		
MERITOR / ROCKWELL	FH SERIES & FL SERIES					
DANA / EATON / SPICER	MFS16-MFS22, MFS-73	SET423STM	SET424STM	448-4865		446-603
DETROIT / DAIMLER	D2000-D2200, I-220, EFA22-24					
	16,000# DA-F 7.3T AF16-20					
DRIVE AXLE						
MERITOR / ROCKWELL	COMMON	SET403STM	SET401STM	449-4973		446-803
DANA / EATON / SPICER						
MERITOR / ROCKWELL	UNCOMMON	SET404STM	SET401STM	449-4973		446-802
DANA / EATON / SPICER						
MACK	SW44 44,000#	SET421STM	SET426STM	449-4904	446-801H	446-801
TRAILER AXLE						
TN / HN	TAPERED SPINDLE			447-4743		
TN (YORK)	YORK - 2-1/2" THREAD	SET414STM	SET413STM		446-701H	446-701
TN (ROR)	ROR - LATE 65MM THREAD				446-704H	
RN (ROCKWELL)	ROCKWELL - 2" THREAD				446-702H	
LIGHT DUTY	COMMON	SET405STM	SET413STM		446-704H	446-704
(ROR)	ROR - EARLY 2-1/2" THREAD					
TP / HP	PARALLEL SPINDLE	SET415STM	SET415STM	447-4723		446-708
BPW TRANSPEC	OLD GEN EH29000	33217	33213STM	USE OEM AXLE NUT		446-703
BPW TRANSPEC	6T-9T (NEW GEN, ECO, ECO+)	33116	32310	USE OEM AXLE NUT		446-709
BPW TRANSPEC	10-12T	33118STM	33213STM	USE OEM AXLE NUT		446-702
	(NEW GEN, ECO, ECO+, ECO+3)					
YORK	20T	HM220149STM	SET414STM	USE OEM AXLE NUT		446-721
	2800 SERIES	HM220110STM				
DRAKE	DRAKE 15"	32216	32215	USE OEM AXLE NUT		446-706



DESIGNED & MANUFACTURED IN AUSTRALIA TO REDUCE RUNNING COSTS & DOWNTIME, EXTEND WHEEL END LIFE WITH NO ALTERATIONS TO YOUR EXISTING HUB OR AXLE.

MORE INFORMATION & APPLICATIONS AVAILABLE THROUGH STEMCO, VISIT WWW.SPACERTECH.COM.AU

SPACER-TECH ADJUSTABLE SPACER IS DESIGNED TO BE USED WITH OIL OR SEMI-FLUID GREASE

HEAVY DUTY PRO-TORQ, ZIP-TORQ OR SPACER-TECH NUT MUST BE USED WITH SPACER.



REVOLUTIONARY BEARING SPACER SYSTEM

Spacer-Tech's revolutionary bearing spacer system reduces axle, bearing & nut wear.

The axle nut no longer determines the bearing clearance, as it's now tightened with correct clearance maintained by the adjustable spacer.

Due to its heavy duty construction and adjustability this will be the last Spacer you will ever need to purchase.



Visit WWW.GARLOCK.COM.AU



AXLE	DESCRIPTION	CONTENTS	PART NUMBER
TRAILER	COMMON TN TRAILER TAPERED SPINDLE (INCLUDES HUB INSTALLED WHEEL SEAL)	SET414STM & SET413STM VOYAGER SEAL 373-0143 AUTO-TORQ AXLE NUT	KIT-TNATV
TRAILER	COMMON TN TRAILER TAPERED SPINDLE (INCLUDES AXLE INSTALLED WHEEL SEAL)	SET414STM & SET413STM GUARDIAN HP SEAL 307-0743 AUTO-TORQ AXLE NUT	KIT-TNATG
TRAILER	COMMON TP TRAILER PARALLEL SPINDLE (INCLUDES HUB INSTALLED WHEEL SEAL)	2x SET415STM VOYAGER SEAL 373-0123 AUTO-TORQ AXLE NUT	KIT-TPATV
TRAILER	COMMON TP TRAILER PARALLEL SPINDLE (INCLUDES AXLE INSTALLED WHEEL SEAL)	2x SET415STM GUARDIAN HP SEAL 307-0723 AUTO-TORQ AXLE NUT	KIT-TPATG



1913STM AUTO-TORQ Socket suit TN Trailer

1941STM AUTO-TORQ Socket suit TP Trailer



561-4743 AUTO-TORQ OEM Installer suit TN Trailer (NOT CONMET)

561-4723 AUTO-TORQ OEM Installer suit TP Trailer (NOT CONMET)

AUTO-TORQ sets the wheel end into optimum bearing adjustment for maximum wheel end life.

MAXIMIZES BEARING LIFE

By applying optimum clamp load on the bearings every time, it reduces bearing wear which results in longer bearing service life.

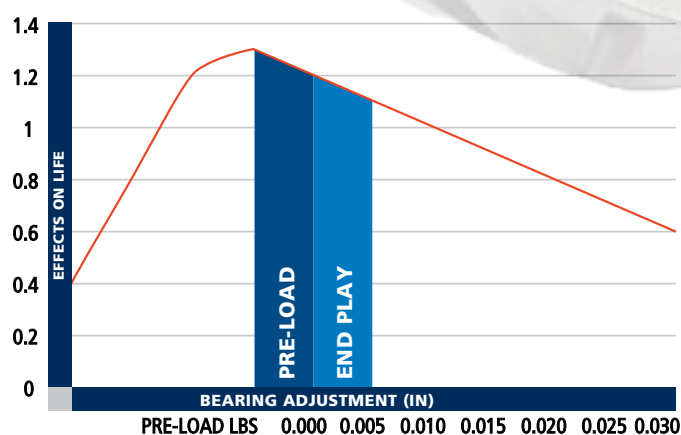
No need for spacers, half-stand bearings and precision hubs necessary for "PreSet" systems. Combine with STEMCO industry-leading seals, bearings & ESP hub caps for extended service life.

EASE OF INSTALLATION

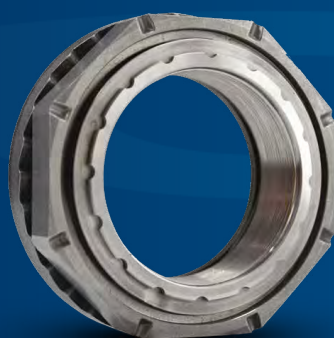
Auto-Torq technology takes the guesswork out of wheel bearing adjustment by eliminating complex processes and specialty tools.

This allows for quicker installation time with improved peace of mind that the installation is performed correctly.

Bearing Adjustment vs. Bearing Life

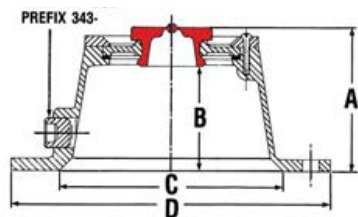


SAFE. SECURE. SIMPLE.



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STEER AXLE HUB CAP



343-****
Aluminium
Rubber Plug



356-****
Aluminium
Sentinel
Plug



353-****
Aluminium
ESP+
Sentinel Plug

4024 SERIES (Common Light Duty Steer)

Bolt Circle Diameter = 4-1/2" or 114.3mm
Bolt Size = 5/16"
Bolt Holes = 6
A = 2-5/8" or 66.7mm
B = 1-7/8" or 47.6mm
C = 3-1/2" or 88.9mm
D = 5-1/4" or 133.4mm

Hub Cap Gasket = 330-3024
Red Rubber Plug = 359-5990
ESP+ Plug (Pair) = 359-6124

Composite DEFENDER = 367-4024
Aluminium with Rubber Plug = 343-4024
Aluminium with Sentinel Plug = 356-4024
Aluminium with ESP+ Plug = 353-4024

Window Kit with Rubber Plug = 359-5999
Window Kit with Sentinel Plug = 359-6143



STEER AXLE HUB CAP

4281 SERIES (Common Heavy Duty Steer & MFS-66)

4281 Series BCD = 5-1/2" & 5-17/32" or 140.5mm
Bolt Size = 3/8" & 5/16"
Bolt Holes = 6
A = 2-5/16" or 58.7mm
B = 1-9/16" or 39.7mm
C = 4-9/16" or 115.9mm
D = 6-3/16" or 157.2mm

Hub Cap Gasket = 330-3009
Red Rubber Plug = 359-5990
ESP+ Plug (Pair) = 359-6124

Composite DEFENDER = 367-4009 (5/16" Bolt Only)
Aluminium with Rubber Plug = 343-4281
Aluminium with Sentinel Plug = 356-4281
Aluminium with Sentinel & Guard = 348-4281
Aluminium with ESP+ Plug = 353-4281
Window Kit with Rubber Plug = 359-5995
Window Kit with Sentinel Plug = 359-6145
Window Kit with Sentinel & Guard = 359-6112



STEER AXLE HUB CAP

4249 SERIES (Low Profile Heavy Duty Steer)

Bolt Circle Diameter = 5-1/2" or 139.7mm
Bolt Size = 5/16"
Bolt Holes = 6
A = 2-5/16" or 58.7mm
B = 1-9/16" or 39.7mm
C = 4-9/16" or 115.9mm
D = 6-3/16" or 157.2mm

Hub Cap Gasket = 330-3009
Red Rubber Plug = 359-5915

Aluminium with Rubber Plug = 343-4249
Window Kit with Rubber Plug = 359-5912

Note: 4281 Series better option & clears Chrome Dress Hub Caps

STEER AXLE HUB CAP

4095 SERIES (Jap Trucks & Uncommon HD Steer)

Bolt Circle Diameter = 5-1/2" or 139.7mm
Bolt Size = 5/16"
Bolt Holes = 6
A = 1-13/16" or 46mm
B = 1-1/16" or 27mm
C = 4-9/16" or 115.9mm
D = 6-3/16" or 157.2mm

Hub Cap Gasket = 330-3009
Red Rubber Plug = 359-5990
ESP+ Plug (Pair) = 359-6124

Aluminium with Rubber Plug = 343-4095
Aluminium with Sentinel Plug = 356-4095
Aluminium with Sentinel & Guard = 348-4095

Window Kit with Rubber Plug = 359-5995
Window Kit with Sentinel Plug = 359-6145
Window Kit with Sentinel & Guard = 359-6112



DRIVE AXLE HUB CAP

4119 SERIES (Common TAG/Lift Axles)

Bolt Circle Diameter = 7" or 177.8mm
Bolt Size = 5/8"
Bolt Holes = 8
A = 2-1/16" or 52.4mm
B = 1-5/16" or 33.3mm
C = 4-5/16" or 109.5mm
D = 8-1/4" or 209.5mm

Hub Cap Gasket = 330-3090
Red Rubber Plug = 359-5990
ESP+ Plug (Pair) = 359-6124

Aluminium with Rubber Plug = 340-4119
Window Kit with Rubber Plug = 359-5995



EXCEPTIONAL PROTECTION FROM THE ELEMENTS

SENTINEL ESP PLUS

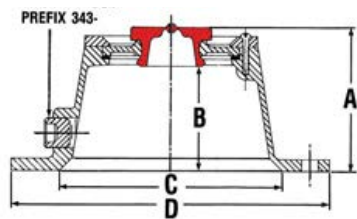
- Waterproof GoreTex Membrane
- A second O-ring increases plug retention.
- The umbrella check valve remains closed, stopping lubricant from leaking out and contaminants from flowing in.
- Shield protects venting mechanism from initial OE filling procedure and during normal vehicle operation.



ESP+ PLUG DEMO

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343-****
Aluminium
Rubber Plug



356-****
Aluminium
Sentinel
Plug



353-****
Aluminium
ESP+
Sentinel Plug

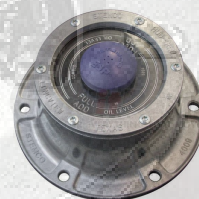
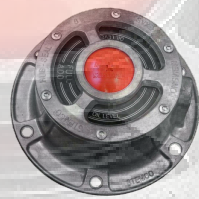
TRAILER AXLE HUB CAP

4009 SERIES (TN Tapered Spindle - 6 Bolt Cap)

Bolt Circle Diameter = 5-1/2" or 139.7mm
Bolt Size = 5/16"
Bolt Holes = 6
A = 2-11/16" or 68.3mm
B = 1-15/16" or 49.2mm
C = 4-3/8" or 111.1mm
D = 6-1/4" or 158.7mm

Composite **DEFENDER** with **Sentinel Plug** = 366-4009
Aluminium with **Rubber Plug** = 343-4009
Aluminium with **Sentinel Plug** = 356-4009
Aluminium with **Sentinel** & Guard = 348-4009
Aluminium with **ESP+ Plug** = 353-4009
Stamped Steel (Venting) = 340-5096
Stamped Steel (Non Venting) = 340-5097

Hub Cap Gasket = 330-3009 (6 Bolt)
Hub Cap Gasket = 330-3067
ESP+ Plug (Pair) = 359-6124
Window Kit with **Rubber Plug** = 359-5995
Window Kit with **Sentinel Plug** = 359-6145
Window Kit with **Sentinel** & Guard = 359-6112



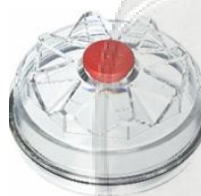
TRAILER AXLE HUB CAP

4075 SERIES (TP Parallel Spindle - Threaded Cap)

Thread Size = 6-1/4" x 8UN
A = 2-5/16" or 58.7mm
B = 1-9/16" or 39.7mm
C = 5-3/4" or 146mm
D = 6-7/8" or 174.6mm

Polycarbonate Clear = 340-4975
Aluminium with **Rubber Plug** = 343-4075
Aluminium with **Sentinel Plug** = 356-4075
Aluminium with **Sentinel** & Guard = 348-4075
Polycarbonate Hubodometer (Venting) = 640-0003

Hub Cap O-Ring = 330-3077
Hub Cap Install & Removal Tool = 570-7008
ESP+ Plug (Pair) = 359-6124
Window Kit with **Rubber Plug** = 359-5995
Window Kit with **Sentinel Plug** = 359-6145
Window Kit with **Sentinel** & Guard = 359-6112



TRAILER AXLE HUB CAP

4195 SERIES (TP Parallel Spindle - 6 Bolt Cap)

Bolt Circle Diameter = 6-3/4" or 171.4mm
Bolt Size = 5/16"
Bolt Holes = 6
A = 3-11/16" or 93.7mm
B = 2-15/16" or 74.6mm
C = 5-7/16" or 138.1mm
D = 7-1/2" or 190.5mm

Composite **DEFENDER** with **Sentinel Plug** = 366-4195
Aluminium with **Rubber Plug** = 343-4195
Aluminium with **Sentinel Plug** = 356-4195
Aluminium with **Sentinel** & Guard = 348-4195
Aluminium with **ESP+ Plug** = 353-4195

Hub Cap Gasket = 330-3118
ESP+ Plug (Pair) = 359-6124
Window Kit with **Rubber Plug** = 359-5995
Window Kit with **Sentinel Plug** = 359-6145
Window Kit with **Sentinel** & Guard = 359-6112



THE IMPORTANCE OF VENTING YOUR WHEEL END

Wheel end venting is something few people ever think about, but it plays an important role in wheel end life.

- ❖ Axle generates a lot of heat running down the road which increases air temperature & air pressure in wheel end.
- ❖ Without Venting - Pressure & temperature increases due to holding pressure in wheel end, the pressurized air soon finds easiest way out, typically a seal or gasket.
- ❖ Open Venting or Old Vent Plugs - Axle at full operating temperature suddenly cools (Submerged in water, pulls up in rain or dusty conditions), air pressure is reduced causing open vent or old plug to act like a straw. Lubrication is now contaminated which may causing rust & foaming.

Solution: STEMCO Sentinel or Sentinel ESP+ Technology



WHY VENT A
WHEEL END ?





RUBBER PLUG (SMALL)

Part Number 359-5915



Plug Diameter 3/4" or 19mm

RUBBER PLUG (LARGE)

Part Number 359-5990



Plug Diameter 1-1/8" or 28.5mm

ESP + PLUG (Pack of 2)

Part Number 359-6124



Plug Diameter 1-1/8" or 28.5mm

FILLER PLUG (METAL)

Part Number 359-5984



Magnetic Plug 3/8" of 9.5mm

FILLER PLUG (COMPOSITE)

Part Number 641-0002



Magnetic Plug 3/8" of 9.5mm

WINDOW SCREWS

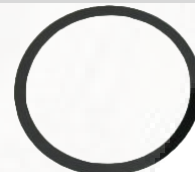
Part Number 359-6032



Window Screws (Set of 6)

WINDOW GASKET

Part Number 359-5991



Gasket Suit 3-1/2" or 88.9mm

WINDOW KIT

Part Number 359-5912



Window 4-3/8" or 111.1mm
Rubber Plug 3/4" or 19mm

WINDOW KIT

Part Number 359-5995



Window 3-1/2" or 88.9mm
Rubber Plug 1-1/8" or 28.5mm

WINDOW KIT

Part Number 359-5999



Window 2-3/4" or 69.8mm
Rubber Plug 1-1/8" or 28.5mm

WINDOW KIT

Part Number 359-6095



Gasket Suit 3-1/2" or 88.9mm
Dirt Exclusion (Grease Only)

WINDOW KIT

Part Number 359-6100



Window 3-1/2" or 88.9mm
Rubber Plug 3/4" or 19mm

WINDOW KIT

Part Number 359-6112



Window 3-1/2" or 88.9mm
Integrated Sentinel Plug

WINDOW KIT

Part Number 359-6143



Window 2-3/4" or 69.8mm
Integrated Sentinel Plug

WINDOW KIT

Part Number 359-6145



Window 3-1/2" or 88.9mm
Integrated Sentinel Plug

EXCEPTIONAL PROTECTION FROM THE ELEMENTS

SENTINEL ESP PLUS

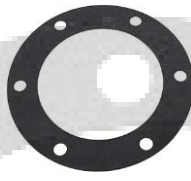
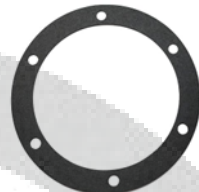
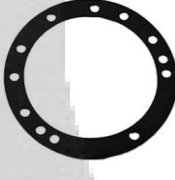
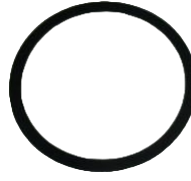
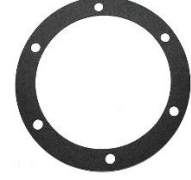
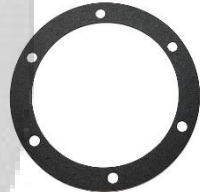
- Waterproof GoreTex Membrane
- A second O-ring increases plug retention.
- The umbrella check valve remains closed, stopping lubricant from leaking out and contaminants from flowing in.
- Shield protects venting mechanism from initial OE filling procedure and during normal vehicle operation.

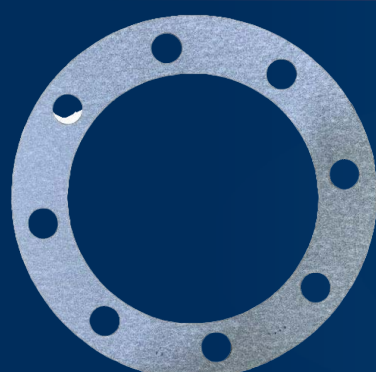


ESP+ PLUG DEMO

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HUB CAP GASKET Part Number 330-3009  Bolt Holes 6 Bolt Circle 5-1/2" or 140mm Bolt Size 5/16" or 8mm Gasket I.D. 4-7/8" or 123mm Gasket O.D. 6-1/4" or 159mm	HUB CAP GASKET Part Number 330-3013  Bolt Holes 5 Bolt Circle 5-1/2" or 140mm Bolt Size 5/16" or 8mm Gasket I.D. 4-7/8" or 123mm Gasket O.D. 6-1/4" or 159mm	HUB CAP GASKET Part Number 330-3024  Bolt Holes 6 Bolt Circle 4-1/2" or 114mm Bolt Size 5/16" or 8mm Gasket I.D. 3-1/2" or 89mm Gasket O.D. 5-1/4" or 133mm	HUB CAP GASKET Part Number 330-3025  Bolt Holes 6 Bolt Circle 5-7/8" or 149mm Bolt Size 5/16" or 8mm Gasket I.D. 5" or 127mm Gasket O.D. 6-1/2" or 165mm	HUB CAP GASKET Part Number 330-3028  Bolt Holes 4 Bolt Circle 5" or 127mm Bolt Size 1/4" or 6mm Gasket I.D. 3-3/4" or 95mm Gasket O.D. 5-3/4" or 146mm
HUB CAP GASKET Part Number 330-3041  Bolt Holes 6 Bolt Circle 5-1/8" or 130mm Bolt Size 5/16" or 8mm Gasket I.D. 4-7/16" or 112mm Gasket O.D. 5-3/4" or 156mm	HUB CAP GASKET Part Number 330-3067  Bolt Holes 12 (Multifit) Bolt Circle 5-1/2" or 140mm Bolt Size 5/16" or 8mm Gasket I.D. 4-7/8" or 123mm Gasket O.D. 6-1/4" or 159mm	HUB CAP O-RING Part Number 330-3077  Screw Type Cap Diameter 5-3/4" or 146mm	HUB CAP GASKET Part Number 330-3118  Bolt Holes 6 Bolt Circle 6-3/4" or 173mm Bolt Size 5/16" or 8mm Gasket I.D. 5-29/32" or 150mm Gasket O.D. 7-1/2" or 190mm	HUB CAP GASKET Part Number 330-3122  Bolt Holes 6 Bolt Circle 5-1/2" or 140mm Bolt Size 3/8" or 10mm Gasket I.D. 4-7/8" or 123mm Gasket O.D. 6-1/4" or 159mm
HUB CAP GASKET Part Number 330-3128  Bolt Holes 6 Bolt Circle 5-7/32" or 132mm Bolt Size 5/16" or 8mm Gasket I.D. 4-3/16" or 106mm Gasket O.D. 5-3/4" or 156mm	DRIVE HUB CAP GASKET Part Number 330-3090  Bolt Holes 8 Bolt Circle 7" or 178mm Bolt Size 5/8" or 16mm Gasket I.D. 4-5/16" or 110mm Gasket O.D. 8-1/4" or 210mm	DRIVE AXLE GASKET Part Number 330-3106  Bolt Holes 8 Bolt Circle 7" or 178mm Bolt Size 5/8" or 16mm Gasket I.D. 6" or 152mm Gasket O.D. 8-1/4" or 210mm	DRIVE AXLE GASKET Part Number 330-3107  Bolt Holes 8 Bolt Circle 7" or 178mm Bolt Size 3/4" or 19mm Gasket I.D. 5-5/8" or 143mm Gasket O.D. 8-1/2" or 216mm	DRIVE AXLE GASKET Part Number 330-3111  Bolt Holes 8 Bolt Circle 7" or 178mm Bolt Size 5/8" or 16mm Gasket I.D. 5-3/4" or 146mm Gasket O.D. 8-3/8" or 213mm



ENSURE THE BEST PERFORMANCE

STEMCO gaskets are made to exacting specifications for direct fit, form, and function.

STEMCO gaskets help lower maintenance costs, improve performance and are made of high-quality materials for superior durability to meet the requirements of today's national and international fleets

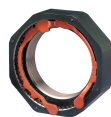


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PRO-TORQ®



ZIP-TORQ



AUTO-TORQ

SPACERTECH



MAKE	MODEL	THREAD & KEEPER	PRO-TORQ ASSY	PRO-TORQ KEEPER	ZIP-TORQ	AUTO-TORQ	SPACER TECH
STEER AXLE							
MERITOR / ROCKWELL DANA / EATON / SPICER HENDRICKSON	FG-SERIES, MFS-66 MFS13-MFS14 E-SERIES (POST 2005) I- SERIES AIRTEK, STEERTEK	1-1/2"-12 COURSE THREAD D-WASHER	448-4836	450-4836	400-4836		
MERITOR / ROCKWELL DANA / EATON / SPICER	FE & FF SERIES E-SERIES (PRE 2005) EFA10-EFA13	1-1/2"-18 FINE THREAD OPEN WASHER	448-4837	450-4837	400-4837		
DANA / EATON / SPICER	E-SERIES (POST 2005)	1-1/2"-12 COURSE THREAD OPEN WASHER	448-4838	450-4837			
MERITOR / ROCKWELL MACK	FF-HD Kenworth FA537, 538	1-5/8"-12	448-4839	450-4839			
MERITOR / ROCKWELL DANA / EATON / SPICER DETROIT / DAIMLER	FH & FL SERIES, MFS-73 MFS16-MFS22 D2000 & D2200 EFA22-EFA24 DA-F 7.3 16,000# AF16-20	1-3/4"-12	448-4865	450-4865	400-4865		
DRIVE AXLE							
MERITOR / ROCKWELL DANA / EATON / SPICER	38,000# & 46,000#	3-1/4"-12	449-4973	450-4973	400-4973		
MACK	SW34 34,000# SW44 44,000#	2-7/8"-12	449-4904	450-4904	400-4904		
TRAILER AXLE							
TN / HN (COMMON)	TAPERED SPINDLE	2-5/8"-16	447-4743	450-4743	400-4743	480-4743*	
TN (YORK)		2-1/2"-16					446-701H*
RN (ROCKWELL)	TAPERED SPINDLE	2"-16					446-702H*
TN (ROR)		65MM-1.5					446-704H*
TP / HP	PARALLEL SPINDLE	3-1/2"-12	447-4723	450-4723	400-4723	480-4723*	

* AUTO-TORQ IS ONLY AVAILABLE IN AUTO-TORQ WHEEL BEARING KITS

* SPACERTECH NUTS DESIGNED TO BE USED WITH SPACERTECH SPACER

UNRIVALED PRECISION AND SERVICE LIFE

PRO-TORQ



ZIP-TORQ



AUTO-TORQ



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AXLE FASTENER SOCKETS



AXLE	THREAD	OEM	SOCKET	PRO-TORQ	ZIP-TORQ	AUTO-TORQ	SPACER-TECH
STEER AXLE							
MERITOR / ROCKWELL DANA / EATON / SPICER HENDRICKSON (Course Thread)	1-1/2"-12 D-Washer	INNER	2-5/8" 6PT 1922STM	448-4836 2-1/2" 6PT	400-4836 2-1/8" 6PT		
		OUTER	2-1/4" 6PT 1920STM	1921STM	1901STM		
MERITOR / ROCKWELL DANA / EATON / SPICER (Fine Thread)	1-1/2"-18 Open Washer	INNER	2-5/8" 6PT 1922STM	448-4837 2-1/2" 6PT	400-4837 2-1/8" 6PT		
		OUTER	2-1/4" 6PT 1920STM	1921STM	1901STM		
DANA / EATON / SPICER (Course Thread)	1-1/2"-12 Open Washer	INNER	2-5/8" 6PT 1922STM	448-4838 2-1/2" 6PT			
		OUTER	2-1/4" 6PT 1920STM	1921STM			
MERITOR / ROCKWELL (FF-HD Kenworth) MACK (FA537, 538)	1-5/8"-12	INNER		448-4839 2-5/8" 6PT			
		OUTER		1922STM			
MERITOR / ROCKWELL DANA / EATON / SPICER DETROIT / DAIMLER (ALLIANCE)	1-3/4"-12	INNER	3-7/8" 6PT 1912STM	448-4865 3" 6PT	400-4865 2-7/8" 6PT		
		OUTER	2-1/2" 6PT 1921STM	1906STM	1932STM		
DRIVE AXLE							
MERITOR / ROCKWELL DANA / EATON / SPICER	3-1/4"-12	INNER	4-1/8" 6PT 1915STM	449-4973 4-3/8" 8PT	400-4973 4" 6PT		446-802H 3-3/4" 8PT
		OUTER	4" 6PT 1914STM	1917STM	1914STM		1925STM
MACK (SW34, SW44)	2-7/8"-12	INNER		449-4904 3-1/2" 6PT	400-4904 3-1/2" 6PT		446-801H 3-3/4" 6PT
		OUTER		1910STM	1910STM		1926STM
TRAILER AXLE							
TN / HN (COMMON)	2-5/8"-16	INNER	3-3/4" 8PT 1925STM	447-4743 3-3/4" 8PT	400-4743 3-1/4" 6PT	480-4743 98MM 8PT	446-700H 3-3/4" 8PT
		OUTER	3-1/4" 8PT 1909STM	1925STM	1908STM	1913ATSTM	1925STM
TN (YORK) RN (ROCKWELL) TN (ROR)	2-1/2"-16 2"-16 65MM-1.5	INNER	3-1/4" 8PT 1909STM				446-701H 446-702H 446-704H
		OUTER					3-3/4" 8PT 1925STM
TP / HP	3-1/2"-12	OUTER	4-3/4" 8PT 1941STM	447-4723 4-13/16" 8PT 1941STM	400-4723 4-1/8" 6PT 1915STM	480-4723 122MM 8PT 1941ATSTM	446-708H 4-3/4" 8PT 1941STM



UNIVERSAL EXTERNAL THREAD CHASER SET

7402STM

WORKING CAPACITY 31MM TO 127MM (1-1/4" - 5")
6 PRECISION DIES TO RESTORE & REPAIR THREADS
METRIC: 1.0, 1.25, 1.5, 1.75, 2.0, 2.5, 3.0, 3.5 (MM)
SAE: 4, 5, 6, 7, 7.5, 8, 9, 10, 11, 11.5, 12, 14, 16, 18, 20, 24 (TPI)

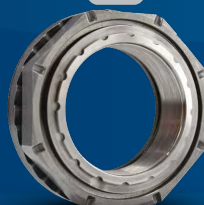


UNRIVALED PRECISION AND SERVICE LIFE

PRO-TORQ

ZIP-TORQ

AUTO-TORQ



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BEARING ADJUSTMENT PROCEDURE FOR STANDARD SPINDLE NUTS

TMC'S RP-618C WHEEL BEARING ADJUSTMENT PROCEDURE FOR STANDARD SPINDLE NUTS

Proper wheel bearing adjustment is critical to the performance of wheel seals and other related wheel end products. For that reason, we are proud to be a part of TMC's Wheel End Task Force.

We are happy to bring these standards in the form of this technical guide. Working together in this way, STEMCO® helps keep rigs rolling.

The following RP-618C seven-step bearing adjustment recommendation for standard spindle nuts was developed by TMC's Wheel End Task Force. It represents the combined input of manufacturers of wheel end components.



INSTALLATION PROCEDURE

Prepare hub assembly and spindle prior to install. The bearings and seal should be properly installed, refer STEMCO Technical Publications. The spindle needs to be cleaned and threads need to be inspected for defects.

STEP 1

Lubrication

Lubricate the wheel bearing and back-face of the adjusting nut with clean lubricant of the same type used in the axle sump or hub assembly.

STEP 2

Initial Adjusting Nut Torque

Tighten the adjusting nut to a torque of 200 ft-lb while rotating the wheel hub assembly.

STEP 3

Initial Back Off

Back the adjusting nut off one full turn.

STEP 4

Re-Torque Adjustment

Re-torque adjusting nut to 50 ft-lb while rotating the wheel hub assembly.

STEP 5

Final Back Off

AXLE TYPE	THREADS PER INCH	FINAL BACK OFF
Steer (Single Nut)	12	1/6 Turn*
	18	1/4 Turn*
Steer (Double Nut)	14	1/2 Turn
	18	1/2 Turn
Drive	12	1/4 Turn
	16	1/4 Turn
Trailer	12	1/4 Turn
	16	1/4 Turn

*Install cotter pin to lock axle nut in position.

Install lock ring & star tab lock washer

STEP 6

Jam Nut Torque

AXLE TYPE	NUT SIZE/ TYPE	TORQUE SPECIFICATIONS
Steer (Double Nut)	Less Than 2 5/8"	200-300 ft-lb
Drive	Dowel-Type Washer	300-400 ft-lb
	Tang-Type Washer	200-275 ft-lb
Trailer	2 5/8" and Larger	200-300 ft-lb

STEP 7

Acceptable End Play

The dial indicator should be attached to the hub or brake drum with its magnetic base.

Adjust the dial indicator so that its plunger is against the end of the spindle with its line of action approximately parallel to the axis of the spindle.

Grasp the wheel or hub assembly at the 3 o'clock and 9 o'clock positions. Push and pull the wheel end assembly in and out while oscillating the wheel approximately 45 degrees.

Stop oscillating the hub so that the dial indicator tip is in the same position as it was before oscillation began.

Read the bearing end play as the total indicator movement.

NOTE:

Acceptable end play is 0.001"- 0.005".

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BEARING ADJUSTMENT PRO-TORQ® AND ZIP-TORQ® INSTALLATION PROCEDURE

INSTALLATION PROCEDURE FOR HUBS WITH MANUALLY ADJUSTED WHEEL BEARINGS

Prepare hub assembly and spindle prior to install. The bearings and seal should be properly installed refer STEMCO Technical Publications.
The spindle needs to be cleaned and threads need to be inspected for defects.

STEP 1

Remove the Keeper From the Nut

When using Pro-Torq, use a screwdriver to carefully pry the keeper arm from the undercut groove on each side until the keeper is released.

STEP 2

Thread the Nut Onto the Axle

Lubricate the back-face of the axle nut with same lubrication used in wheel end. Thread the nut onto the axle until hand tight against the bearing.

STEP 3

Seat the Bearing

- Using a torque wrench:
 - Tighten the nut to 200 ft-lb. Spin the wheel hub assembly at least one full rotation.
 - Tighten the nut to 200 ft-lb. Spin the wheel hub assembly at least one full rotation.
 - Tighten the nut to 200 ft-lb. Spin the wheel hub assembly at least one full rotation.
- Back the nut off one full rotation.

STEP 4

Adjust the Bearing

- Using a torque wrench:
 - Tighten the nut to 100 ft-lb. Spin the wheel hub assembly at least one full rotation.
 - Tighten the nut to 100 ft-lb. Spin the wheel hub assembly at least one full rotation.
 - Tighten the nut to 100 ft-lb. Spin the wheel hub assembly at least one full rotation.
- Back the nut off one face mark (according to chart).

Final Back Off

PRO-TORQ PART #	ZIP-TORQ PART #	BACK OFF
TRAILER AXLE FASTENER		
447-4723, 447-4724, 449-4973	400-4723, 400-4973	1/8 turn
447-4743	400-4743	1/4 turn
STEERING AXLE FASTENER		
448-4836, 448-4838, 448-4839,	400-4836	1/4 turn
448-4863, 448-4865, 448-4864	400-4865	
448-4837, 448-4840	400-4837	1/3 turn
DRIVE AXLE FASTENER		
449-4904, 449-4973,	400-4973	1/8 turn
449-4974, 449-4975		



STEP 5

Install the Keeper (Skip this step if Zip-Torq)

Orange side facing out:

- Insert the keeper tab into the undercut groove of the nut and engage the keyway tang in the axle keyway. Insert keeper tab with the orange side facing out.
- Engage the mating teeth.
- Compress and insert the keeper arms, one at a time, into the undercut groove with a screwdriver.

For Steering Spindle Nut:

448-4836, 448-4839, 448-4840, 448-4863, 448-4864, and 448-4865

- Align the flat of the keeper with the milled flat on the spindle and insert the single keeper tab into the undercut groove of the nut. Insert keeper tab with the orange side facing out.
- Engage the mating teeth.
- Compress and insert the keeper arms, one at a time, into the undercut groove with a screwdriver.

NOTE: Recommended practice is to replace the keeper each time the Pro-Torq nut assembly is removed for maintenance purposes.

STEP 6

Inspect the Installation

Failure to follow this instruction could cause the wheel to come off and cause bodily injury. When using Pro-Torq, make sure that the keeper tab and keeper arms are fully seated into the undercut groove. Inspect keyway tang to ensure it does not contact the bottom of the keyway. If contact exists, immediately notify STEMCO.

This procedure will consistently produce a bearing setting of 0.001" to 0.003" end play.

STEP 7

Acceptable End Play

The dial indicator should be attached to the spindle with its magnetic base. Adjust the dial indicator so that its plunger is against the end of the hub face with its line of action approximately parallel to the axis of the spindle. If spindle mounting is not possible, the dial indicator should be attached to the hub and aligned to indicate on the spindle. Grasp the wheel or hub assembly at the 3 o'clock and 9 o'clock positions. Push and pull the wheel end assembly in and out while oscillating the wheel approximately 45 degrees. Stop oscillating the hub so that the dial indicator tip is in the same position as it was before oscillation began. Read the bearing end play as the total indicator movement.

NOTE: Acceptable end play is 0.001" - 0.005".

*For single-nut self-locking systems, consult manufacturers' specifications.
STEMCO assumes no responsibility for bearing warranty.*

INSTALLATION PROCEDURE FOR PRESET, CONMET, LMS HUBS OR SPACER SYSTEMS.

IMPORTANT

Zip-Torq spindle nuts may be used with PreSet, Spacer, ConMet, Spacer-Tech or LMS hub assemblies.

When used with these systems, it is important to follow the hub manufacturers' product-specific installation instructions.

For PreSet and LMS hub assemblies, torque the spindle nut to a minimum of 250 ft-lb. Engage the keeper.

If the keeper cannot be engaged, advance the spindle nut until it can be engaged.

DO NOT BACK OFF THE SPINDLE NUT.



WARNING

Failure to follow this instruction could cause the wheel to come off and cause bodily injury. STEMCO axle fasteners are sold as an assembly with the keeper in place.

DO NOT attempt to place the nut on the spindle or tighten or loosen the nut on the spindle while the keeper is installed inside the nut. Doing so may deform the keeper and allow the nut to unthread during operation.

Spindle thread damage could also occur, leaving the axle unusable.

DO NOT bend or manipulate keyway tang in any way. Doing so may cause the tang to break off in service. Failure to back off the axle fasteners on non pre-adjusted systems will cause the bearings to run hot and be damaged.

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BEARING ADJUSTMENT

PROCEDURE FOR AUTO-TORQ® FASTENER**WARNING**

Failure to follow this instruction could cause the wheel to come off and cause bodily injury.

THIS PROCEDURE WILL CONSISTENTLY SET THE BEARINGS IN AN OPTIMUM STATE OF PRE-LOAD PER SAE J2535. ENDPLAY READING SHOULD BE 0.000" AND THE WHEEL END ASSEMBLY SHOULD SPIN FREELY.

AUTO-TORQ® SHOULD NOT BE USED WITH ANY SPIDER HUB ASSEMBLY, WHEEL END SPACER SYSTEM OR AXLE WITH SPINDLE WEAR.

INSTALLATION PROCEDURE

Prepare hub assembly and spindle prior to installing Auto-Torq. Bearings and seal should be properly installed, refer STEMCO Technical Publications. The spindle needs to be cleaned and threads need to be inspected for defects.

NOTE: Any damage to the threads may affect the ability of the Auto-Torq to fully seat the bearings. Be sure to inspect the threads of the spindle and always verify the installation with a dial indicator.

Step 1

After docking the hub on a clean prepared spindle, insert the outer bearing, lubricate the back-face of the axle nut with same lubricant used in wheel end and thread the fastener onto the axle until hand tight against the bearing.

Step 2

With a breaker bar (or torque wrench set to at least 100ft-lbs), tighten the fastener until you hear a prominent/distinct "clicking/ratcheting" noise.

- This feedback indicates that the fastener is limiting. You may hear/feel more subtle "clicking" prior to this more prominent limiting point that is caused by the locking mechanism starting to engage. (Optional Step - Mark the end of the spindle and axle nut face with a line using a paint pen). Continue to tighten till the feedback is much more pronounced to ensure that the fastener is limiting properly.

NOTE: You cannot "overtighten" this fastener, so if there is any doubt, continue to tighten to confirm the fastener has reached the limiting point.

- The fastener will limit on its own before 75ft-lbs, so using a torque wrench set to at least 100ft-lbs will ensure the wrench performs essentially like a breaker bar and allow the fastener to reach its designed limit point. **DO NOT** use an impact gun to tighten this fastener as it may damage the internal components.

Step 3

With hub or hub/drum only:

- Tighten the fastener (1) full rotation past this limiting point, then spin the hub at least (1) full rotation. Rotating the hub necessary to help seat the bearings.
- Repeat the above step until you have tightened the fastener minimum 5 full rotations past its initial limiting position, rotating the hub between each turn of the fastener, (Optional Step - inspect the paint pen line on the axle nut to advance as bearings seat, should have come to a stop after the 5 full rotations).
- DO NOT** back off the axle fastener. (Optional Step - Mark the end of the spindle and axle nut with a line using a different colour paint pen).

With hub/drum/wheels:

- Tighten the fastener minimum (5) full rotation past this limiting point while the wheel is rotating (Optional Step - inspect the paint pen line on the axle nut to advance as bearings seat, should have come to a stop after the 5 full rotations).
- DO NOT** back off the axle fastener. (Optional Step - Mark the end of the spindle and axle nut with a line using a different colour paint pen)

INSPECT THE INSTALLATION

Step 1

Inspect keyway tang to ensure it does not contact the bottom of the keyway. If contact exists, immediately notify STEMCO.

Step 2

Upon completion of installation ensure the wheel-end rotates freely.

Step 3

Measure and record endplay in the wheel-end with a dial indicator.

- Endplay should be 0.000" for all units assembled with the Auto-Torq fastener. This is normal, as these wheel ends will be set in slight preload.
- Endplay greater than 0.001" indicates an assembly is not seated properly. Remove the wheel end and inspect components prior to reassembly. Notify STEMCO if this persists.
- The dial indicator should be attached to the hub with its magnetic base.
- Adjust the dial indicator so that its plunger is against the end of the spindle with its line of action approximately parallel to the axis of the spindle.
- Grasp the wheel/hub assembly at the 3 o'clock and 9 o'clock positions.
- Pull the wheel end assembly outward while oscillating the wheel approximately 5°.
- While continuing to pull, stop oscillating and read the indicator. (Note position of dial indicator.)
- Push the wheel assembly inward while oscillating. While continuing to push, stop oscillating at the same position as it was before in the pull direction and read the indicator.
- Read bearing end play as total indicator movement.

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WORKSHOP TOOLING



Heavy Duty Universal Bearing Cup Install & Removal Tool

Eliminate Damage to Bearing Cup & Hub Journal.
Adjustable Jaws for Bearing Cups 92mm to 165mm.

Part Number

7180STM

Truck & Trailer Wheel Drain Pain

Suitable for Rims up to 350mm I.D. 3 Litre Capacity.
Features easy pour mouth & Handles.

Part Number

5001STM

Universal Trailer Fill Tool

Designed for filling Trailer Hubs with Semi-Fluid or Grease Applications
Suits both TN Tapered & TP Parallel Trailer Hubs

Part Number

102-5015

Universal Bearing Packer

Universal bearing packer suit bearings up to 125mm O.D. & 50mm Height.

Part Number

5230STM

Heavy Duty Bearing Packer

Suitable for heavy truck & trailer with bearings 120-170mm O.D.
Unique design allows for mess free operation

Part Number

5161STM

Bearing Packer suit 20kg Drum

Ideal for all heavy vehicle & industrial simply sits on top of a 20kg grease drum with inbuilt cover keeps grease free from contamination.

Part Number

5155STM

External Thread Chaser Set

6 Precision Dies to restore & repair threads Metric & SAE.
Suit 31mm to 127mm, 1-1/4" to 5".

Part Number

7402STM

4 Piece Pry Bar Set – Rolled Head

Enables high leverage to move wheel seals with ease
Kit includes 1x 150mm, 1x 300mm, 1x 400mm & 1x 500mm Pry Bar

Part Number

1673STM

King Pin Journal Hone Set

3 Leg Journal Hone Set designed to help clean up King Pin Journal before bush installation.

Part Number

1047STM

Axle Eye No-Go Gauge Kit

Take the guess work out of measuring your axle eye wear before installing King Pin, Simply GO or NO-GO.

Part Number

STK81

Heavy-Duty Adjustable Tie Rod & Pitman Arm Puller

Fully adjustable jaws for simple & effective removal of pitman arms, ball joints and tie rods. Jaw opening 62mm, Depth 85mm & Length 150mm

Part Number

1280STM

5 Piece Tie Rod & Pitman Remover Set

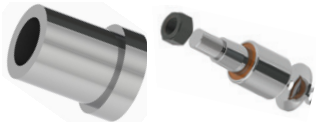
Kit includes 3x Fork Heads (18mm, 24mm & 29mm Opening), 2x Handle Attachments (1x suitable for Hammer, 1x suitable for Air-Hammer)

Part Number

1282STM



WORKSHOP TOOLING



Torque Rod Bush Install & Removal Tool
For removing OEM Torque Rod Bush & installation of GAFF Bushes 11729, 13520, 13528, 83520 (Common 70mm O.D Bush)

Part Number
18551



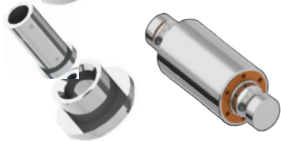
Torque Rod Bush Install & Removal Tool
For removing OEM Torque Rod Bush & installation of GAFF Bushes 12031, 13518 & 13533 (Common Tapered 70mm O.D Bush)

Part Number
13584



Kenworth Spring Pin Bush Install & Removal Tool
For removing OEM Spring Pin Bush & installation of GAFF Bushes 11060, 11063, 11753, 11757, 11758, 11767

Part Number
40090



Western Star & Freightliner Pin Bush Install & Removal Tool
For removing OEM Spring Pin Bush & installation of GAFF Bushes 11066, 11094, 31134

Part Number
11168



Hendrickson Pivot Bush Install & Removal Tool
For removing OEM Pivot Bush & installation of GAFF Bushes 13510, 13565, 13583, 13600, 13628, 13744 (Wide Bush)

Part Number
13581

MORE GAFF TOOLING AVAILABLE

Axle Fastener Sockets – 6 Point

Part Number 55mm or 2-1/8" 6PT
Steer Axle – Light 6.6T<
1901STM Zip-TORQ 400-4836
Zip-TORQ 400-4837
Axilok 39063, 39129

Part Number 57mm or 2-1/4" 6PT
1920STM Steer Axle – Light 6.6T<
OEM Outer (Common)

Part Number 64mm or 2-1/2" 6PT
Steer Axle – Light 6.6T<
1921STM Pro-TORQ 448-4836,
448-4837, 448-4838
Steer Axle – Heavy 7T>
OEM Outer (Common)

Part Number 67mm or 2-5/8" 6PT
1922STM Steer Axle – Light 6.6T<
OEM Inner (Common)

Part Number 73mm or 2-7/8" 6PT
1932STM Steer Axle – Heavy 7T>
Zip-TORQ 400-4865
Axilok 39121

Part Number 76mm or 3" 6PT
Steer Axle – Heavy 7T>
1906STM Pro-TORQ 448-4865



Axle Fastener Sockets – 6 Point

Part Number 83mm or 3-1/4" 6PT
Trailer Axle - TP Parallel
1908STM Some Freightler (Some)
Trailer Axle - TN Tapered
Zip-TORQ 400-4743

Part Number 89mm or 3-1/2" 6PT
Drive Axle - Mack
1910STM SW34/44
Pro-TORQ 449-4904
Zip-TORQ 400-4904

Part Number 99mm or 3-7/8" 6PT
1912STM Steer Axle – Heavy 7T>
OEM Inner (Common)

Part Number 102mm or 4" 6PT
Drive Axle
1914STM Zip-TORQ 400-4973
OEM Outer (Common)

Part Number 105mm or 4-1/8" 6PT
Trailer Axle - TN Tapered
1915STM Zip-TORQ 400-4723
Drive Axle
OEM Inner (Common)



Axle Fastener Sockets – 8 Point

Part Number 83mm or 3-1/4" 8PT
1909STM Trailer Axle - TN Tapered
OEM Outer (Common)

Part Number 95mm or 3-3/4" 8PT
1925STM Trailer Axle - TN Tapered
Pro-TORQ 447-4743
OEM Inner (Common)

Part Number 98mm or 3-7/8" 8PT
1913STM Trailer Axle - TN Tapered
Auto-TORQ 480-4743

Part Number 111mm or 4-3/8" 8PT
1917STM Drive Axle
Pro-TORQ 449-4973

Part Number 122mm or 4-3/4" 8PT
Trailer Axle - TP Parallel
1941STM Auto-TORQ 480-4723
Pro-TORQ 447-4723
OEM Fastener (Common)

MORE SOCKETS & SIZES AVAILABLE (TOOL BOARDS SOON)

STEERING PRODUCTS..

STEMCO® KAISER™ STEERING COMPONENTS CATALOG

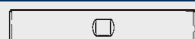

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AXLE MAKE	AXLE CODE	OE & COMPETITOR KIT NUMBER	OE PIN SPECS	CAP SPECS	PLUSKIT	QWIKKIT
ROCKWELL / MERITOR	FF-931, FF-932, FF-933 FF-934, FF-941, FF-942 FF-943, FF-944, FF-945	549800C91, R200195, R201307 R201370, R202014	B 1.794" x 10.40"	BOLTED PLATE	70.931.12	K931L
ROCKWELL / MERITOR	02-ARG, FG-931, FG-933 FG-941, FG-943, FG-952 MFS-13101, MFS-13143 MFS-14101, MFS-14143	R201471, R201309, R201310 R201319, R202042, R203010 R201321, R202010 R203027	B 1.794" x 10.40"	BOLTED PLATE	77.931.18	KG931R
ROCKWELL / MERITOR	FL-931, FL-933, FL-941 FL-943, FL-951, FH-951 MFS-20142	R201477, R200198, R201312 R200285, R202011, R202041 R202044, R203011	B 1.999" x 11.21"	BOLTED PLATE	78.931.12	KH931L
ROCKWELL / MERITOR	MFS-12, MFS-13, MFS-66	R201608, R202056	B 1.794" x 9.02"	THREADED CAP	79.131.18	K131R
ROCKWELL / MERITOR	02-ARU, MFS-16101 MFS-16122, MFS-16143 MFS-18143, MFS-73	R201475, R201607 R202031, R203040	B 1.999" x 11.21"	3 BOLT PLATE	70.180.18	K180R
ROCKWELL / MERITOR	MFS-18135, MFS-20135 MFS-75	R201613	B 1.999" x 10.31"	THREADED CAP	70.182.18	K182R
DETROIT / DAIMLER / ALLIANCE	DA-F 7.3T 16,000LB AF16.0-5, AF18.0-3, AF20.3-3	6073300419K (L/HAND) 6073300519K (R/HAND)	B 2.125" x 9.75"	THREADED CAP		K160A
SPICER / DANA / EATON	02-AEA, EFA10F5, EFA12F4 EFA13F5	1651921C91, 815984 1008434, V1112810	A 1.625" x 9.19"	THREADED CAP	70.120.05	K120E
SPICER / DANA / EATON	02-AED, 02-AEG, E1200I/W E1201I/W, E1320I/W	328342, 328344, 823079 816787, KPK3016	A 1.794" x 9.05"	THREADED CAP	70.122.05	K122E
SPICER / DANA / EATON	I-100W, I-132SG, I-140S I-140SG, I140W, I-146	329022, 1668412C91 140KK100, 8305211 KPK1158, KPK306	B 2.046" x 10.12"		70.141.19	K141S
SPICER / DANA / EATON	E1460I/W	824530, 824920, 328345 328343, 329404 329405, KPK3016	A 1.872" x 9.05"		70.146.05	K146E
SPICER / DANA / EATON	02-AEZ, 02-AGB, 02-AGC 02-AGE, E1002I/W, E1202I/W E1322I/W, E1462I/W	328347, 328349, 503701 KPK3002	C 1.872" x 9.05"	THREADED CAP	70.147.05	K147E
SPICER / DANA / EATON	EFA18F, EFA20F, EFA22/24T	329432, 329433, 329434	A 1.872" x 9.97"		70.180.05	K180E
SPICER / DANA / EATON	FA-329, FA-337, FA-339, FA-342 I-108, I-120, I-132	399942C93, 588808C91 309KK105, 343KK100, 343KK103	B 1.609" x 9.65"	BOLTED PLATE	70.140.09	K140I
SPICER / DANA / EATON	D2000F, D2200F	331435, 220KK300	C 2.046" x 10.07"	THREADED CAP	70.201.19	K201S
MACK / VOLVO	FA-522, FA-523, FA-532 FA-538, FA5221, FA5231	301SQ47CP, 301SQ47D 301SQ47E	F 1.625" x 7.46"	THREADED CAP	70.533.13	K533M
MACK / VOLVO	FXL12, FXL14.6, FXL18, FXL20 FXL23, FM9, FM12	301SQ53, 85108338	E 2.360" x 8.92"			K536M
MACK / VOLVO	FA-616, FA617	301SQ52	F 2.125" x 8.75"	THREADED CAP	70.616.13	K616M
HENDRICKSON	AIRTEK, SOFTEK, STEERTEK 64905-004	60961-009, 60961-039, 60961-040 00063313, 20751021, 85104370, 85104371	ECONOKIT		50.121.08	

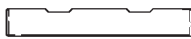
PIN TYPE CHART:



A – SINGLE LOCK FLAT



B – DOUBLE LOCK FLAT



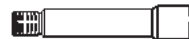
C – SAME SIDE LOCK FLATS



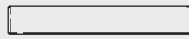
E – TAPERED THREADED



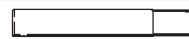
F – TAPERED



G – STEP THREADED



H – NO LOCK FLATS



J – SINGLE STEP

PLUSKIT®
NO-REAM BI-METAL
BRONZE BUSH



QWIKKIT®
NO-REAM SPIRAL
STEEL BUSH



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PLUSKIT	QWIKKIT	BUSH/SEAL DRIVER	QWIKKIT T-HANDLE	REPLACEMENT HEAD	NO-GO GAUGE	LIP SEAL	HARDWARE KIT
70.931.12	K931L	ST70-7	ST-100-1	100M1-1	ST81-1	91P1-29	H931L
77.931.18	KG931R	ST70-7	ST-100-1	100M1-1	ST81-1	91P1-29	HG931R
78.931.12	KH931L	ST70-12	ST-100-1	100M1-1	ST81-6	91P1-15	HH931L
79.131.18	K131R	ST70-7	ST-100-1	100M1-1	ST81-1	91P1-29	H131R
70.180.18	K180R	ST70-12	ST-100-1	100M1-1	ST81-6	91P1-15	H180R
70.182.18	K182R	ST70-12	ST-100-1	100M1-1	ST81-6	91P1-15	H182R
	K160A	ST70-31				91P1-48	H160A
70.120.05	K120E	ST70-6	ST-100-1	100M1-1	ST81-4	91P1-25	H120E
70.122.05	K122E	ST70-7	ST-100-1	100M1-1	ST81-1	91P1-29	H122E
70.141.19	K141S	ST70-24	ST-100-1	100M1-1		91P1-34	H141S
70.146.05	K146E	ST70-23	ST-100-3	100M1-2	ST81-5	91P1-36	H146E
70.147.05	K147E	ST70-23	ST-100-3	100M1-2	ST81-5	91P1-36	H147E
70.180.05	K180E	ST70-23	ST-100-3	100M1-2	ST81-5	91P1-36	H180E
70.201.19	K201S	ST70-24	ST-100-1	100M1-1		91P1-34	H201S
70.140.09	K140I	ST70-5	ST-100-1	100M1-1		91P3-1	H140I
70.533.13	K533M	ST70-6	ST-100-1	100M1-1		91P1-11 91P1-12	H533M
	K536M		ST-100-1	100M1-1		91P10-1 91P11-1	H536M
70.616.13	K616M	ST70-18	ST-100-1	100M1-1		91P1-21 91P1-22	H616M
ECONOKIT 50.121.08		ST70-32				91P1-44	

BUSH & SEAL DRIVER

ST70-**



SPECIALLY DESIGNED TO REMOVE & INSTALL LIP SEALS & BUSHES CORRECTLY & HASSLE FREE

QWIKKIT T-HANDLE

ST-100-*



SPECIALLY DESIGNED TO REMOVE & INSTALL QWIKKIT SPIRAL BUSH CORRECTLY & HASSLE FREE

JOURNAL HONE

1047STM



DESIGNED TO HELP CLEAN UP KING PIN JOURNAL BEFORE BUSH INSTALL



STK81

NO-GO GAUGE KIT

TAKE THE GUESS WORK OUT OF MEASURING YOUR AXLE EYE WEAR, SIMPLY GO OR NO-GO

This NO-GO Gauge Kit will quickly diagnose the axle condition, saving repair time and the expense of installing a new king pin in a worn axle.



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PLUSKIT	QWIKKIT	BUSHING DRIVER	OE CROSS NO.	AXLE MAKE / APPLICATION
70.700.20	K700T	ST70-29	700040-KIT	IMT / DEXTER / TMC
70.230.07	K230KG	ST70-29	KA531 / 98785-068	KGI / Hendrickson KGS230
	K300Y	Hand Installed	S-2395	Eveley International Corp.
70.961.12	K961L	ST70-7	SRK102	Watson Chalin
70.981.18	K981R	ST70-7	N/A	Watson Chalin
78.931.12	KH931L	ST70-12	N/A	Watson Chalin
70.126.23	K126W	ST70-33	188033, 143698-0051	McNelius, Westport
70.127.23	K127W	ST70-33	001434, 143698-0052	Hendrickson, Westport
	K120H	ST70-33	003270 & 003200	Hendrickson

	OEM KIT	STEMCO KAISER KIT
King pin and bushings	✓	✓
Complete hardware kit	✗	✓
Grooved king pin	✗	✓
No ream bushings	✗	✓
Greaseable end caps	SOME	✓
Enhanced thrust washer	SOME	✓
Bushing driver tools available	✗	✓



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NO-REAM BI-METAL
BRONZE BUSH



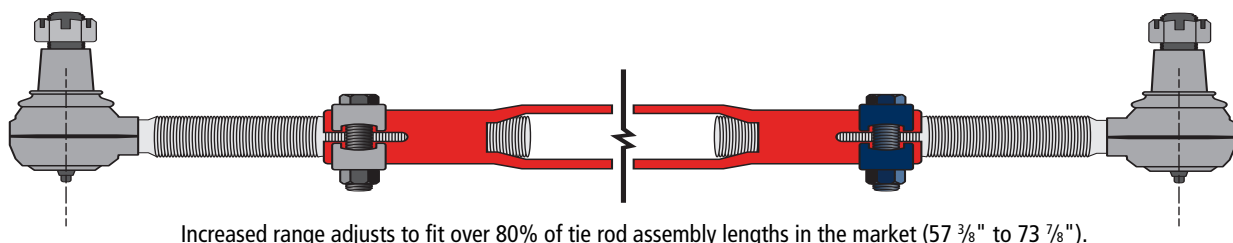
QWIKKIT®
NO-REAM SPIRAL
STEEL BUSH



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AXLE MAKE	AXLE CODE	OE TUBE	OE L/H TIE ROD END	OE R/H TIE ROD END	QWIKTIE ASSEMBLY	QWIKTIE L/H END	QWIKTIE R/H END
ROCKWELL / MERITOR	FE- Series, FF-Series FG-Series, MFS-8 MFS-10 MFS-12, MFS-13, MFS-14 MFS-66	A23210K4379 A23102L4380	R230068, E-4614 R230421, E-4617 R230140	R230069, E-4615 R230420, E-4616 R230139	QT967SS	QTE967L	QTE967R
SPICER / DANA / EATON	D600N/F, D700N/F D800F/W, E1002I/W E1202I/W, E1302I E1322I, EFA10, EFA12 EFA13	815326, 971443 140TR105 140TR100	310456, 817018 140TR110	310455, 817019 140TR109	QT967SS	QTE967L	QTE967R
HINO / MERITOR	NE (10K Axle), NJ-Series NV-Series, MFS-08	S454-612260 A3102L4380	R230068	R230069	QT967SS	QTE967L	QTE967R
HENDRICKSON	AIRTEK (Steer Axle)	64006-002 64006-003 98785-169	60961-027 98785-187	60961-028 98785-188	QT967SS	QTE967L	QTE967R
ROCKWELL / MERITOR	FH-Series, FL-Series MFS-16, MFS-18, MFS-20 MFS-22, MFS-73, MFS-75	A13102Q4541	R230070, E-4628 R230072, R230104 A3144A547	R230071, E-4629 R230073, R2300105 A3144Z546	QT108SB	QTE108L	QTE108R
DETROIT / ALLIANCE	DA-F 7.3T 16,000LB AF16.0-5, AF18.0-3 AF20.3-3				QT108SB	QTE108L	QTE108R
SPICER / DANA / EATON	D2000F, D2200F, E1320W E1322W, E1460I, E1462I/W EFA18, EFA20, EFA22, EFA24	817755 971092 220TR114-1 220TR129-2	220TR115 220TR118 818472	220TR116 220TR119 818471	QT108SB	QTE108L	QTE108R
QWIKTIE HEAVY DUTY TUBE		FITS ALL KAISER QWIKTIE APPLICATIONS			QTT5773		
OEM TIE ROD ENDS WILL NOT FIT OWIKTIE TUBE, OWIKTIE ROD END WILL NOT FIT OEM TUBE, PART NUMBERS ARE FOR REFERENCE ONLY							



QWIKTIE REFERENCE CARD

577-0112



QWIKTIE® VERSATILE, EFFICIENT, SAFE

QWIKTIE Patented design increases simplicity and safety.
 The STEMCO QWIKTIE tie rod assembly offers a highly adaptable solution that can accommodate over 80% of the straight tie rod lengths with just two part numbers





Features & Benefits

- **Only 2 Part Numbers Required:** QWIKTIE's two assemblies cover 80% of the North American market, meaning distributors, fleets and workshops can greatly reduce their inventory
- **Thicker Tube:** Greater strength equals less chance of damage to tube & resultant downtime & replacement costs
- **3 Clamping Slots on Tube, Not 2:** Provides greater clamping strength than OE two-slot tubes
- **Shorter Clamping Slots:** Greatly reduce the chance of contamination entering tube
- **Double Cut Thread:** Provide greater contact surface area between rod and tube for better fit. Enables finer increments of adjustment to improve tyre and fuel mileage
- **Longer Tie Rod Thread:** Allows greater extension of the tie rod and enables QWIKTIE to be used in multiple applications
- **Extension Limit Indicator Cut Into Thread:** Prevents tie rod ends being extended too far

QWIKTIE Q&A

- **How do I remember which QWIKTIE assembly is for which application?**

The red capped assembly is for the large 16,000 pound to 20,000 pound application. Just remember "Big Red"

- **Do I have to use STEMCO QWIKTIE tie rod ends with the QWIKTIE tube?**

Yes, the double cut thread is unique to QWIKTIE tubes and tie rod ends

- **Does the blue clamp face the same side of the vehicle regardless of whether the vehicle is LHD or RHD?**

Yes, as stated in the instructions, the blue clamp is always to the driver's right hand

- **How much stronger is QWIKTIE than the OE product?**

QWIKTIE #QT108SB for 16,000 pound to 20,000 pound applications is 130% stronger than OE whilst QWIKTIE #QT967SS for 12,000 pound applications is 240% stronger than OE

- **Do the QWIKTIE tie rod ends require greasing?**

Yes, the tie rod ends include a grease nipple. Follow normal greasing practises

- **How long are the QWIKTIE assemblies?**

Both QWIKTIE assemblies adjust from 57 3/8" (145.7cm) to 73 7/8" (187.6cm)

- **Do the tie rod ends feature both left right hand threads?**

Yes. Left side features LH thread and right side features RH thread

- **Are tie rod end nuts the same size for both QT967SS and QT108SB assemblies?**

Yes





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NEVER MISS A MILE

INNOVATIVE MILEAGE SOLUTIONS


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MILEAGE SOLUTIONS



STEMCO® VEHICLE TECHNOLOGY

STEMCO Vehicle Technology (SVT) indicates a STEMCO product that is equipped with smart technology. STEMCO offers several mileage solutions products shown below that are designed with SVT. With better access to data, STEMCO products help improve maintenance efficiency, while increasing fleet safety.

GATE READER | SVT

Automate and manage mileage and fuel information to improve fleet operations with the GateReader SVT, an innovative solution to better inform personnel by automatically collecting readings.

The STEMCO GateReader SVT is WiFi compatible, eliminating monthly cellular charges. It reads all DataTrac® SVT sensor types and eliminates the need for costly telematics hardware for each trailer.



WEB PORTAL | SVT

WebPortal SVT wirelessly collects readings from the GateReader SVT. Providing the right information at the right time, WebPortal SVT helps reduce labor and maintenance costs.

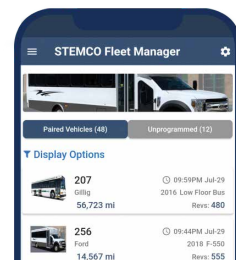
SVT Download Pod product number:
820-0001

DataTrac SVT

Provides mileage data collection and can be used to schedule maintenance by mileage activity rather than time. DataTrac® SVT can be used in conjunction with the HandReader SVT or STEMCO GateReader SVT to capture, download and analyze accurate mileage data.

Fleet Manager Cell Phone Application

Access information you need quickly from your mobile phones with STEMCO's Fleet Manager App. Easily downloadable and available for multiple users, it's a convenient way for you to keep personnel informed of new opportunities for improving fleet operations.



FEATURE	SYNC SERVER SYSTEM	WEB PORTAL SYSTEM
Mobile App Compatible	✓	✓
Multi-User Data Syncing	✓	✓
User Permission Tri-Level Controls (Admin, Power, Base)	✓	✓
Software Fees	Free	Trial period followed by paid subscription
Security Model	Basic	Enhanced
User Management Model	Basic, mobile app based	Full, User Management Model on the Web Portal
Multi-Terminal Support		✓
Gate Reader Compatible		✓
Historical Record Retention	*	5 years
Web Portal Interface		✓
Business System API Integration Available		✓
Fuel and Fluids Logging		✓

*Customer can save real-time snapshots of information to a .csv file sent via email.



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HUBODOMETERS

Mechanical Hubodometers

FAST MOVERS

650-0536

650-0549

650-0724

Tyre Size

11R22.5 - 15R22.5 - 295/85R22.5

11R17.5 - 225/70R22.5 - 255/70R22.5

255/80R22.5 - 275/70R22.5

Revs

311

357

342

DataTrac Electronic (Pre-Programmed)

FAST MOVERS

600-4311

600-4342

600-4357

Tyre Size

11R22.5 - 15R22.5 - 295/85R22.5

255/80R22.5 - 275/70R22.5

11R17.5 - 225/70R22.5 - 255/70R22.5

Revs

311

342

357

DataTrac Pro Electronic (Programmable)

Part Number **600-9999**

Unit must be programmed to suit Tyre Size (Refer to STEMCO Rev's Per KM Listing)

Unit can be programmed with pre-set KM's & Trip Feature, use Programmer 801-6000.

TracBat RF SVT (Radio Frequency Unit)

Part Number **604-8005**

Unit must be programmed to suit Tyre Size (Refer to STEMCO Rev's Per KM Listing)

Unit can be programmed with pre-set KM's & Trip Feature, use Programmer 801-6000.

DataTrac BLE SVT (Bluetooth Hubodometer Unit)

Part Number **607-8004**

Unit must be programmed to suit Tyre Size (Refer to STEMCO Rev's Per KM Listing)

Unit can be programmed with pre-set KM's & Trip Feature, use STEMCO Phone App.

DataTrac Programmer (DataTrac Pro & TracBat Only)

Part Number **801-6000**

Programmer for DataTrac Pro & DataTrac SVT Hubodometers.

To suit Revs per KM for Tyre Size & pre-set KM's & Trip Feature

SVT Hand Reader (Radio Frequency Unit)

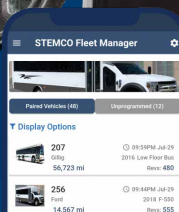
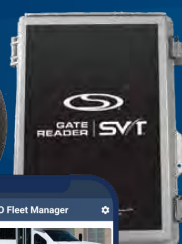
Part Number **820-1000**

Hand Reader & USB Download POD – Starter Kit

Wireless Hand Reader to capture sensor data & fuel usage information.

SVT Gate Reader

Automate & Manage mileage information to improve fleet operations with Gate Reader by automatically collecting readings from DataTrac SVT Hubodometers.



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HUBODOMETER MOUNTS

Window Kit

Fits Aluminum STEMCO Hub Cap with Window Unit
NOT SUITABLE when wheel end vent is required.

Part Number 359-6117

Fits Aluminium
4009, 4075, 4195 Series
Suits ALL STEMCO Hubodometers

Hub Cap Bolt Mount

Suits all STEMCO 4009 Hub Caps or 5-1/2" Bolts Circle
Popular Tapered Spindle Trailer Application
SUITABLE when wheel end vent is required

Part Number 610-0065

Fits Aluminum & Defender
4009 Series
Suits ALL STEMCO Hubodometers

Hub Cap Bolt Mount

Suit all STEMCO 4195 Hub Caps or 6-3/4" Bolt Circle
Popular Parallel Spindle Trailer Application
SUITABLE when wheel end vent is required

Part Number 610-0084

Fits Aluminum & Defender
4195 Series
Suits ALL STEMCO Hubodometers

Window Ring Mount

Suit all STEMCO 3-1/2" Window Ring
Screws onto existing window ring (Screws included in kit)
SUITABLE when wheel end vent is required

Part Number 610-0090

Fits Aluminum
4009, 4075, 4195 Series
Suits ALL STEMCO Hubodometers

Shroud Mount

Shroud will fit Aluminum STEMCO Hub Cap that has a Window.
Shroud protrudes higher than Hubo to provide protection.
NOT SUITABLE when wheel end vent is required.

Part Number 600-99AS

Fits Aluminum
4009, 4075, 4195 Series
Suits STEMCO Electronic Hubodometers

Weld On Shroud

Shroud Ring design to be welded onto STEMCO Hubodometer
Brackets, OEM Brackets & OEM steel Hub Caps.

Part Number 600-99WELD

Suits STEMCO
Electronic Hubodometers

Drive Axle Bracket

Suit common 5/8" Stud 7" BCD Drive Axle

Part Number 610-0006

Suits ALL STEMCO Hubodometers

Universal Hubodometer Brackets

Two-Piece Adjustable Bracket 113-210mm

Part Number TS25

Three-Piece Bracket Kit (Cut, Drill, Mount)

Part Number 610-0011

Suits ALL STEMCO Hubodometers

BPW Hubcap with Hubodometer Shroud

Suit BPW ECO & ECO+3 (M135 x 2mm)

Suit BPW ECO+ (M136 X 2.5mm)

Suit BPW New Gen (M125 External Thread)

(Note: Due to Casting Slag on BPW New Gen Shroud you may need to clean out with sand paper before fitting hubodometer)

Part Number 0321225080HUBO

Part Number 0321225310HUBO

Part Number 0321224070HUBO

Suits STEMCO Electronic Hubodometers

BUILT TO WITHSTAND THE TOUGHEST ROAD CONDITIONS

Incorrectly mounted hubodometers can lead to incorrect mileage readings, damage to the hubodometer, wheel end damage or wheel lose.

STEMCO Hubodometer mount brackets are designed to keep your hubodometer in place during travel, ensuring accurate tracking of your vehicle's mileage, maintenance intervals and providing a secure and vibration-free mount.





HUBODOMETER REV'S PER KM

TYRE SIZE	REV'S	TYRE SIZE	REV'S	TYRE SIZE	REV'S	TYRE SIZE	REV'S
7.00-15	436	10.00-22	300	14.00-24	249	245/70R15	460
7.00R15	436	10.00R15	357	14.00R20	260	245/70R17.5	418
7.50-15	410	10.00R20	315	14.5R20	412	245/70R19.5	396
7.50-16	400	10.00R22	310	14/80R20	304	245/75R16	432
7.50R15	432	10.00R24	300	14-17.5	357	245/75R22.5	346
7.50R16	412	10R17.5	396	15-19.5	336	255/70R22.5	357
7.5-20	346	10R22.5	324	15-22.5	311	255/80R22.5	342
8.00R16.5	460	11.00-20	300	15R22.5	311	265/70R19.5	380
8.25-15	396	11.00-22	290	16.00R20	249	265/75R16	412
8.25-20	336	10.00R20	300	16.5-22.5	294	265/75R22.5	336
8.25R15	396	11.00R22	290	16.5R22.5	294	275/70R22.5	342
8.25R16	380	11.00R24	280	18-19.5	311	275/80R22.5	320
8.25R20	342	11.50-20	304	18-22.5	290	275/80R24.5	315
8.5R17.5	412	11/70R22.5	346	185/70R15.5	513	285/70R19.5	373
8.75-16	450	11-22.5	311	18R19.5	306	285/75R24.5	315
8.75R16	450	11-24.5	300	18R22.5	283	295/75R22.5	330
8.75R16.5	436	11R17.5	357	195/75R14	413	295/80R22.5	315
8-14.5	460	11R22.5	311	205/60R17.5	483	295/85R22.5	311
8-19.5	380	11R24.5	300	205/65R15	507	305/70R22.5	330
8-22.5	346	12.00-20	290	205/75R15	483	305/75R24.5	306
8R17.5	420	12.00-24	270	205/75R17.5	436	315/70R22.5	324
8R19.5	396	12.00R20	290	205/85R16	435	315/75R22.5	315
9.00-15	378	12.00R24	270	215/70R17.5	436	315/80R22.5	306
9.00-20	311	12.5-22.5	304	215/75R15	472	365/70R22.5	300
9.00R15	378	12.5R20	320	215/75R17.5	432	365/80R20	304
9.00R20	324	12.5R22.5	300	215/85R16	432	37x12.5R16.5	357
9.50-16.5	432	12.75R22.5	304	225/70R15	465	385/55R22.5	332
9.50R16.5	432	12-16.5	400	225/70R19.5	400	385/65R19.5	330
9.5-17.5	396	12-22.5	300	225/70R22.5	357	385/65R22.5	311
9-14.5	460	12-24.5	290	225/75R15	450	385/75R22.5	311
9-22.5	336	12R22.5	304	225/75R16	450	395/85R20	280
9R16.5	432	12R24.5	290	225/75R17.5	420	425/65R22.5	294
9R17.5	396	13.00R20	280	225/90R17.5	380	445/45R19.5	366
9R22.5	342	13/80R20	315	235/75R15	450	445/50R22.5	324
10.00	324	13-22.5	290	235/75R17.5	412	445/65R19.5	306
10.00-15	357	13R22.5	294	235/80R22.5	346	445/65R22.5	283
10.00-20	310	48x34x20	270	235/85R16	412	445/95R25	224

The above information is to be used as a guide only. RPK ratings may vary between tyre brands. For exact RPK rating for any given tyre size, contact the tyre supplier or manufacturer.

visit www.tiresize.com/calculator



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DELIVERING COMFORT AND PERFORMANCE

Super Cushion[®] Rolling Lobe Air Springs feature heavy-duty materials and construction to deliver industry-leading vibration isolation, weight savings and longevity.

Designed for unrivaled comfort and performance, they reduce driver fatigue, decrease component wear, lower downtime and improve safety.

Superior Rubber Chemistry

Chemical additives infused into natural rubber walls provide exceptional ozone resistance, resulting in less flex-cracking and longer service life.

Reduced Weight

Innovative materials and design technology allow Super Cushion Air Springs to weigh less than competitive products for added fuel savings.

Bracket Dimples

Non-elongated design provides a more secure mounting for the air spring, increasing longevity and reducing vibration and misalignment.

Internal Wall Cord

High-strength, extra-tight cord provides exceptional wall and internal splice strength.

Comfort

Reduced driver fatigue and increased safety.

Equipment Longevity

Improved vibration isolation reduces wear and tear on truck and trailer components.




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PART NUMBER	TRUCK REAR SUSPENSION	OEM / MISC PART NUMBERS
1R12-603	FAS Airliner I & II (Ford Sterling, Freightliner, Western Star)	161381000, 16-13810-000, 1619465000, 16-19465-000, W013778536, W01-377-8536 W013779781, W01-377-9781, TRP9780, MAF9781
1R12-403	Hendrickson HAS Series & WD2/WD3 Series (CAT, Ford Sterling) (Hino, International, IVECO, Isuzu, Kenworth, Mack, Western Star)	57122-1, 57122-001, 57122-2, 57122-002, 50899-001, 49710-2880, 1-52110192-0 W013589373, W01-358-9373, 64265, MAF9373
1R12-1093	Hendrickson PAX Primaax Series (CAT, International, IVECO) (Ford Sterling, Freightliner, Kenworth, Mack, Western Star)	60271-2, 60271-002, 60271-002L, 57WL57M, W013589663, W01-358-9663 67573, MAF9663
1R12-401	International ACCO D & E Series, S & T-Line, Transtar & Navistar (INT Rear)	1670043C1, 1686386C1, W013589371, W01-358-9371, 69646, MAF9371
1R12-432	International 7600/9200/9400/9900 Eagle & Navistar (INT Ride IROS)	350243C94, 3541731C1, 3541731C2, W013581191, W01-358-1191, 66908, MAF1191
1R12-555	International/IVECO	97388017, HP301-134, 23377-01, W013588017, W013588961, 64658
1R11-028	Kenworth Airglide 100 (No Bracket Style)	K303-6, K303-14, K303-15, AS94220, W013589422, W015449214, MAF9422
1R11-242	Kenworth Airglide 100 (New Bracket Style)	K303-16, AS96160, W013589616, MAF9616
1R11-219	Kenworth, DAF Airglide 200 (9" Ride Height ¾" Fitting)	K303-18, 1698433, AS96170, W013589617, MAF9617
1R11-220	Kenworth Airglide 200 (10" Ride Height ¾" Fitting)	K303-19, W013589618, MAF9618
1R11-221	Kenworth Airglide 200 (9" & 10" Ride Height 1-5/16" Fitting)	K303-22, K303-28, AS96221, AS96750, W013589622, W013589675, MAF9622
1R11-222	Kenworth Airglide 200 (10.5" Ride Height 1-5/16" Fitting)	K303-25, AS96250, W013589625, MAF9625
1R11-268	Kenworth, DAF Airglide 200/400/460/690 (9" & 10.5" Ride Height)	C81-1004, C81-1005, TRP9541AU, TRP9547AU, W013589541, W013589547, MAF9541, MAF9547
1R12-419	Mitsubishi FUSO (FV547, FV54J/S, FN63F, FN64F, FM677, FM67F, Fighter)	MK316885, MK316005, MK330010, 1R12-473, 10709.002
1R14-117	Mitsubishi FUSO (FP547, FP54J)	MK321367, 266283031, 591K83046100, M2X10721, 10709.005
1R12-092	Neway ARDST, ARDST-10 (10" Ride Height) (Western Star)	1R12-509, 1R12-547, 90557006, 90557027, 90557075, W013589082, 64269, MAF9082
1R12-484	Neway AD246, AD246-12, AD369, AD369-12 (12" Ride Height) (Mack)	90557215, 90557216, W013589504, W013589473, 64418, MAF9504
1R12-552	Neway AD246, AD252, AD369 (10"-11" Ride Height) (Ford Sterling, Kenworth, Mack, Western Star)	1R12-372, 1R12-485, 90557212, 905-57-212, 90557146, 905-57-146, 90557182, 905-57-182 90557214BKT, W013589471, W01-358-9471, 64416, MAF9471
1R12-553	Neway AD123, AD246 (6.5"-8.75" Ride Height) (International, IVECO)	90557147, 905-57-147, 90557213, 905-57-213, IT100020, W013589472, W013589491
1R14-159	Neway AD123, AD369, AD246 (10" Ride) (International, IVECO, Freightliner, Kenworth, Mack, Western Star)	90557270, 90557111, S25319, S-25319, W013588793, W013589164, MAF9264
1R14-160	Neway AD252, AD252-11, AD378, AD378-11 (Mack Only)	90557155, 90557323, W013589144, 64347, MAF9144

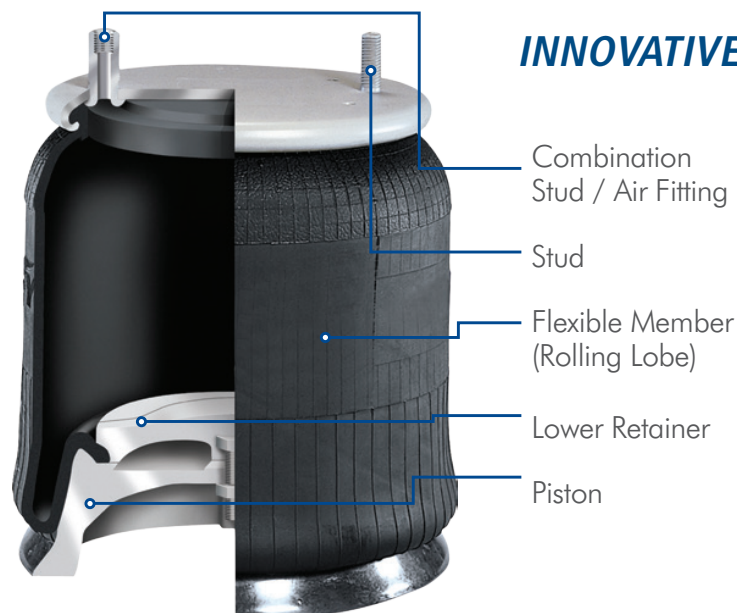
PART NUMBER	TRUCK CABIN SUSPENSION	OEM / MISC PART NUMBERS
1S5-175	Freightliner & Western Star (Larger Airbag)	1852651000, 18-52651-000, 1852651001, 18-52651-000, 1866715000, 18-66715-000 66003-3406, W023587207, W023587215, 67638
1S5-176	Freightliner & Western Star (Smaller Airbag)	1829919000, 18-29919-000, W023587202, W023587206, W023777206, W023587205
1S4-007	LINK CABMATE (International) RFRT106HDA, FRT153BCA (Freightliner) KWB689C, KWM642 (Kenworth) R600, FIR700 (Mack)	1102-0023, 1102-K023, 3261050R1, 227QS33, 67770, W023587001, W023587002, W023587031, FS7001
1S4-008	LINK CABMATE (FLINER, INT, KW) & Mack	1101-0021, 1101-0024, 1102-0021, 1102-0031, 594646C1, 227QS39301, 67769, W023587010, W023587040
1S5-005	LINK CABMATE	1101-0040, W023587012
1S5-038	LINK CABMATE (International)	1101-0043, 1102-0076, 1103A043, 2991-0040, 2501300C1, 2505126C1, W023587081
1S5-057	LINK CABMATE (International)	1101-0075, 2500012C1, 2507756C1, W023587108, W026007108, 67852
1S5-152	LINK CABMATE KWT2000A (Kenworth)	1102-0082, 1102-A082, 1102-B082, 1102-K082, R81-1002 W023587110, W026007110, 69437
1S5-157	LINK CABMATE KWKIT03 (Kenworth) & Freightliner	1102-0074, W023587064, W026007064, 1699064C1, 20315552, 67768
1S5-186	LINK CABMATE Other (KW)	1102-1001, 1102-1002, W026007134, 75707
1S4-067	Mack	227QS34, 227QS34A, 227QS34B, 25166846, 1S6-067, W023587007
1S5-154	Mack CH612	20831952, 227QS312BM, 78405
1S5-164	Mack CNX612	227QS43M, 227QS45M, 227QS47M, 21128983, 25182314, 21128983, 78417
1S6-023	Mack	HRV090601002
1S6-055	Mack	227QS312M, 227QS312MA, 227QS46M, 227QS45AM, 21128980, 25166135, 1S6-025, 1101A060
1S4-234	PACCAR	R81-6003, 2016754, W023586754, W023587132, W027036754, W027037166





PART NUMBER	TRAILER SUSPENSION	OEM / MISC PART NUMBERS
1R12-092	Hendrickson T9, Neway ARS/ARL York Tecair FB & VRH, Reyco	1R12-509, 1R12-547, 90557006, 90557027, 90557075, W013589082, B-2066 61610121, 12882-01, 21208939
1R13-119	Hendrickson HT230, K-Hitch KT230 O/S (Without Blind Nuts)	C-21208, S-21208, N100521-013, W013589270, W013588800, W013589579
1R13-239	Hendrickson HT230 (With 2 Blind Nuts)	1R13-112, C-21208, S-21208, W013589579
1R12-375	Hendrickson HT250 (9" Wide Airbag)	1R12-249, C20124, C20413, S20124, W013589265, 85101155, 64288
1R13-118	Hendrickson HT250 (10" Wide Airbag)	1R13-081, C20127, C20414, S20127, W013589580, W013589262, AS95800
1R13-127	Hendrickson HT250U	1R12-256, C13122, C-13122, B14249, W013589264, 64637, MAF8793
1R13-159	Hendrickson Intraax AA230/AA250 & Maxitraax	1R13-103, C-20900, C20900, C-21800, C21800, S-21800, S21800, W013588709, W013588751
1R14-159	Hendrickson Intraax AAEDT	90557270, 90557111, S25319, S-25319, W013588793, W013589164, MAF9264
1R14-171	Hendrickson Intraax AAT250/AAT25K	1R14-093, C-20901, C20901, C-21784, C21784, S-20901, S20901, S-21784, S21784, W013588091
1R14-172	Hendrickson Intraax AAT300/AAT30K	1R14-190, C-25873, C25873, C-27341, C27341, S-25873, S25873, W013588774, 65593, MAF8774
1R12-534	K-Hitch KT250U Watson & Chalin TA250U (7.5"-14" Ride Height)	AS0061, AS0061-G, AS0061-1G, N100521-003, W013589243, W013588861, 64708
1R12-541	K-Hitch KT250U (11T) Watson & Chalin TA250U (6.5" Ride Height)	AS0013, AS0013-G, AS0013-1G, AS0113CK, N100521-002, W013588825
1R13-155	K-Hitch KT250T (11T) Watson & Chalin TA250T (15"-19" Ride Height)	AS0107, AS0107-G, AS0107-1G, N100521-001, W013588637, 64649
1R13-039	Neway AR41-955, Watson & Chalin TA250-300	90557019, 90557052, 90557078, 90557083, AS0083, AS-0083, 1090326
1R14-215	Neway AD, York Duratrac	1R13-047, 90557110, 3529141, W013589141, P109141, 61610443
1R12-602	TMC SL10 Series	626104-602, 626104/602
1R12-642	TMC LMV, LM XP & VS Series	1R12-890, 1R12-854, 626104-642, 626104/642, US07337
1R12-664	TMC LMV, LM XP Series (330mm Ride Height)	626499, 626499-642, 626499/642

PART NUMBER	TAG/LIFT AXLE SUSPENSION	OEM / MISC PART NUMBERS
1R13-039	LM-2000 Lift Axle	90557019, 90557052, 90557078, 90557083, AS0083, AS-0083, 1090326
2B12-406	Ford, Freightliner, Western Star FAS Airliner (TAG/Lift Axle)	1611378000, 554792C1, W013587410, 64268, MAF7410
1R12-256	Hendrickson Toughlift FMT & HLM Lift (Main Airbag)	S-14249, S14249, B-14249, B14249, B-4375, B4375, W013589321, W013589367
2B9-201	Hendrickson Toughlift FMT & HLM Lift (TAG/Lift Axle)	S-14318, S14318, B-14318, B2630, B-2630, S-14318, S14318, W013586935, MAF6935
2B9-495	Hendrickson Intraax, Primaax (TAG/Lift Axle)	S-23114, W013587897, MA7897



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- Trailer components
- Hinges



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TORQUE ROD ASSEMBLY

APPLICATION	SUSPENSION	OEM	LENGTH	PART NUMBER	ROD TYPE	BUSH TYPE	BUSHING
FREIGHTLINER WESTERN STAR	AIRLINER	16-16749-002, 16-16749-000 16-21340-001, TR46-41002	C TO C 24-5/16"	11081	1	A	2 x 11004
FREIGHTLINER WESTERN STAR	AIRLINER	16-15632-000, TR46-41000	C TO C 24-1/2"	11152	1	B	2 x 13520
KENWORTH	AIRGLIDE 100	K195-376, 935720AA TR59-41376	C TO C 24"	11835	2	D-E	1 x 83520 1 x 13518
KENWORTH	AIRGLIDE 100	K195-376, 935720AA TR59-41376	C TO C 24"	11080	2	B-D	1 x 13520 1 x 13518
KENWORTH	AIRGLIDE 100	K195-375, K195-374 944270 TR59-41375	C TO C 24"	11751	1	B	2 x 13520
KENWORTH	AIRGLIDE 200 400 / 460 / 690	K195-474, K195-472 TR59-41474	C TO C 19-3/4"	11773	1	C	2 x 11729

AVAILABLE TORQUE ROD TYPES

BUSHING STYLES

TORQUE ROD ENDS - WELD TO LENGTH

ASSEMBLY TYPE	OEM	LENGTH	PART NUMBER	BUSH TYPE	BUSHING
TUBE END	46610, 1693531C1, IPC928630, 66610000H	8-9/16"	13683	B	1 x 13520
TUBE END	46630, 1693533C1, IPC928630	8-9/16"	13686	D	1 x 13518
TUBE END	46610, 1693531C1, IPC928630, 66610000H	8-9/16"	13790	E	1 x 83520
ROD END	46660, 1693536C1, IPC928660, 66660-000H	33-7/16"	13690	B	1 x 13520
ROD END	46661, 1693537C1, IPC928661	25-7/16"	13691	B	1 x 13520
ROD END	46661, 1693537C1, IPC928661	25-7/16"	13789	E	1 x 83520





UNIVERSAL STYLE STRAP BATTERY BOX LATCH

10024

SHIFTER BUSH KIT

SUIT EATON TRANSMISSION ROAD RANGER

11611

GLADHAND SEAL KIT

SERVICE & EMERGENCY SIDE

17534

OEM#

OEM# K-3399, K3399, 212444, 3311

OEM# E-9110, E-9111
AB1388, AB1388P

L.G. 150 mm

I.D. 21 mm PRE-DRILLED BUSH
O.D. 38 mm INCLUDES PIN &
H. 59 mm BUSH KIT

I.D. 16 mm SOLD AS A PAIR
O.D. 41 mm
T.K. 10 mm

DOCK & TRAILER BUMPER

18905

WHEEL CHOCK

25 TON (US) RATED

18455

CENTRE BEARING ASSY

SUIT 1810 DRIVELINE

40074

OEM#

OEM#

OEM# 500323, 500326, 210888-1X
210661-1X, 210875-1X, 212129-1X

L.G. 194 mm
W.D. 143 mm
T.K. 92 mm

L.G. 221 mm
W.D. 143 mm
H.O. 25 mm
H. 164 mm

I.D. 60 mm SUITABLE FOR BOTH
B.H. 15 mm SOLID & SLOTTED
L.G.-C 219 mm INCLUDES COVERS

DOCK & TRAILER BUMPER

40175

WHEEL CHOCK

35 TON (US) RATED

40095

CENTRE BEARING ASSY

SUIT 1710 DRIVELINE

40075

OEM#

OEM#

OEM# 210121-1X, 2101211XB
CB2101211XSA

L.G. 250 mm
W.D. 111 mm
T.K. 70 mm

L.G. 308 mm
W.D. 214 mm
H.O. 25 mm
H. 201 mm

I.D. 51 mm SUITABLE FOR BOTH
B.H. 14 mm SOLID & SLOTTED
L.G.-C 194 mm INCLUDES COVERS

TORQUE ROD BUSH

18830

COUPLING WEAR PAD KIT

SUIT RINGFEDER 80G5, 81G5, 92CX,
96AUS, 101AUS, 202AUS, 303AUS

18695

COUPLING BUSH

SUIT RINGFEDER 96AUS, 101AUS
202AUS, 303AUS

18698

OEM# MK633449, 29Y3301, S40JJE0080
10601.008, 1515191130

OEM# 06998321, 09996770, 15990737

OEM# 14994568, 14-994-568

B. H 3/4"
O.D. 105 mm
L.G. C-C 110 mm

SUIT 50MM COUPLING
KIT INCLUDES
1x WEAR PAD
2x BOLTS & NUTS

SUIT 50MM COUPLING
SOLD AS SINGLE UNIT

TURNTABLE MOUNT

11604

TURNTABLE MOUNT

SUIT JOST C-MOUNT & SAMPA
LOWER MOUNT

18708

TURNTABLE MOUNT

SUIT JOST C-MOUNT & SAMPA
UPPER MOUNT

18709

OEM# SK2905-94, SK2905-95, SK3121-61

OEM# SK2105-25, SK2121-69Z,
0095.058, 095.536

OEM# SK1259, SK2121-69Z
0095.057, 095.536

I.D. 50 mm SUITABLE FOR
O.D. 70 mm JSK37E, FSK37EW
L.G. 102 mm JSK37EA, JSK37ER

SUITABLE FOR JOST
JSK36CV, JSK37C, JSK37CZ, JSK37CW
SUITABLE FOR SAMPA
SP-C7 & SP-C8

SUITABLE FOR JOST
JSK36CV, JSK37C, JSK37CZ, JSK37CW
SUITABLE FOR SAMPA
SP-C7 & SP-C8

TURNTABLE MOUNT

11515

TURNTABLE MOUNT

SUIT SAF HOLLAND - SLIDER &
ISO BOLT-ON FOOT

11517

TURNTABLE MOUNT

SUIT SAF HOLLAND - KOMPENSATOR
FW3500, FW351

18215

OEM# RK16045-J, RK16045-P, XB16045J

OEM# XB00113

OEM# RK0011P, XB0011P

I.D. 27 mm
O.D. 71 mm
L.G. 105 mm

I.D. 29 mm
W.D. 66 mm
L.G. 108 mm
H. 59 mm

I.D. 29 mm
O.D. 51 mm
L.G. 108 mm

VIBRATION MOUNT

12380

VIBRATION MOUNT KIT

SUIT THERMO KING & CARRIER

18015

VIBRATION MOUNT

SUIT THERMO KING & CARRIER

50053

OEM# 91-4159, 91-2618, 914159, 912618

OEM# 92-8893, 93-4060, 99-4820, 99-7620
928893, 934060, 994820, 997620

OEM# 99-1433, 991433, 18013

I.D. 16 mm
O.D.1 46 mm
O.D.2 59 mm
H. 36 mm

I.D. 13 mm KIT INCLUDES
O.D. 48 mm 1x UPPER MOUNT
1x LOWER MOUNT

I.D. 24 mm REPLACES GAFF
O.D.1 46 mm 18013 BUSH
O.D.2 76 mm
H. 33 mm

VIBRATION MOUNT KIT

50054

VIBRATION MOUNT

SUIT THERMO KING & CARRIER

50055

VIBRATION MOUNT KIT

SUIT THERMO KING & CARRIER

50056

OEM# 99-4820, 994820, 73-00160-02

OEM# 91-4043, 91-4195, 914043, 914195

OEM# 91-1404, 91-2578, 91-7709
911404, 912578, 917709

I.D. 16 mm KIT INCLUDES
O.D. 64 mm 1x UPPER MOUNT
L.G. 63 mm 1x LOWER MOUNT

I.D. 24 mm
O.D.1 46 mm
O.D.2 66 mm
H. 28 mm

I.D. 16 mm KIT INCLUDES
O.D. 55 mm 1x UPPER MOUNT
L.G. 48 mm 1x LOWER MOUNT
1x SPACER SLEEVE



TORQUE ROD BUSH

13001

SUIT RADIUS ROD
STANDARD SIZE

OEM# WT1301, SP1301, FQ1301
UXA-0011, 13000

I.D. 31.7 mm 2 PIECE SPLIT EASY
O.D.1 46.0 mm MOUNT VERSION
O.D.2 55.5 mm IS 13049
L.G. 60.3 mm



TORQUE ROD BUSH

13043

SUIT TMC RADIUS ROD
UNDERSIZED TMC SIZE

OEM# SP1307, 323128, 323128PB

I.D. 31.7 mm UNDERSIZED
O.D.1 46.0 mm VERSION OF 13001
O.D.2 53.9 mm
L.G. 60.3 mm



TORQUE ROD BUSH

13049

SUIT RADIUS ROD

OEM# SP1301SP, FQ1301U2P

I.D. 31.7 mm 2 PIECE SPLIT
O.D.1 46.8 mm EASY MOUNT
O.D.2 55.5 mm VERSION
L.G. 60.3 mm



TORQUE ROD BUSH

15008

SUIT REYCO 101 & 102
OLD STYLE

OEM# WT1310, SP1314, FQ1310
T-1842

I.D. 26.9 mm OLD STYLE 27MM
O.D.1 46.0 mm NEW STYLE 25MM
O.D.2 79.4 mm IS 15009
L.G. 72.2 mm



TORQUE ROD BUSH

15009

SUIT REYCO 101 & 102
NEW STYLE

OEM# WT1315, FQ1315, 21238-0
T-1723

I.D. 25.4 mm NEW STYLE 25MM
O.D.1 46.0 mm OLD STYLE 27MM
O.D.2 77.8 mm IS 15008
L.G. 73.0 mm



TORQUE ROD BUSH

15051

SUIT REYCO 102, HALLMARK
RUBERY OWEM M-SERIES

OEM# WT1309, FQ1309, 6425, 503017C1
T-2242

I.D. 26.1 mm
O.D.1 46.0 mm
O.D.2 58.7 mm
L.G. 74.6 mm



TORQUE ROD BUSH

14073

SUIT FRUEHAUF S2, MCGRATH
FREIGHTER TAA29 & 39

OEM# WT1302, SP1302, FQ1302
UCA-3754, 722-00

I.D. 25.4 mm OEM STYLE
O.D. 49.2 mm HEAVY DUTY
L.G. 76.2 mm VERSION IS 14008



TORQUE ROD BUSH

14008

SUIT FRUEHAUF S2, MCGRATH
FREIGHTER TAA29 & 39

OEM# WT1302, SP1302, FQ1302
UCA-3754, 722-00

I.D. 25.4 mm HEAVY DUTY
O.D. 48.4 mm VERSION
L.G. 76.2 mm



TORQUE ROD BUSH

15073

SUIT REYCO 21B

OEM# WT1311, FQ1311, SP1315
T-5493

I.D. 25.4 mm
O.D.1 46.0 mm
O.D.2 59.5 mm
L.G. 76.2 mm



TORQUE ROD BUSH

15013

SUIT REYCO, HAULMARK, HENDRICKSON
SINCLAIR, FUWA K-HITCH, YORK, TMC

OEM# WT1308, SP1308, 09729-01, 6425

I.D. 22.2 mm OEM STYLE
O.D. 49.2 mm HEAVY DUTY
L.G. 76.2 mm VERSION IS 14010



TORQUE ROD BUSH

14010

SUIT REYCO, HAULMARK, HENDRICKSON
SINCLAIR, FUWA K-HITCH, YORK, TMC

OEM# WT1312, SP1308HD, 09729-01, 6425

I.D. 22.2 mm HEAVY DUTY
O.D. 50.8 mm VERSION
L.G. 76.2 mm



EQUALIZER BUSH

15076

SUIT REYCO 21B

OEM# WT1110, FQ1110, T-5524

I.D. 41.3 mm
O.D.1 72.2 mm
O.D.2 88.9 mm
L.G. 111.9 mm



EQUALIZER BUSH

13005

SUIT ROCKER BOX
STANDARD SIZE

OEM# WT1101, SP1101, FQ1101
UXA-0004

I.D. 50.8 mm 2 PIECE SPLIT EASY
O.D.1 68.3 mm MOUNT VERSION
O.D.2 88.9 mm IS 13047
L.G. 112.7 mm



EQUALIZER BUSH

13007

SUIT TMC ROCKER BOX
UNDERSIZED TMC SIZE

OEM# 323129, 323129PB, 13003, 13004

I.D. 50.8 mm UNDERSIZED
O.D.1 66.7 mm VERSION OF 13005
O.D.2 87.3 mm
L.G. 111.1 mm



EQUALIZER BUSH

13047

SUIT ROCKER BOX & DRAW BAR

OEM# FQ1101U2P, SP1101SP

I.D. 51.6 mm 2 PIECE SPLIT
O.D.1 68.3 mm EASY MOUNT
O.D.2 88.9 mm VERSION
L.G. 112.7 mm



EQUALIZER BUSH

15001

SUIT REYCO 83, 101, 102 & 201

OEM# WT1109, FQ1109, 08363-01
14713-01

I.D. 38.1 mm
O.D. 80.2 mm
L.G. 114.3 mm



EQUALIZER BUSH

15054

SUIT REYCO TRANSPRO 88

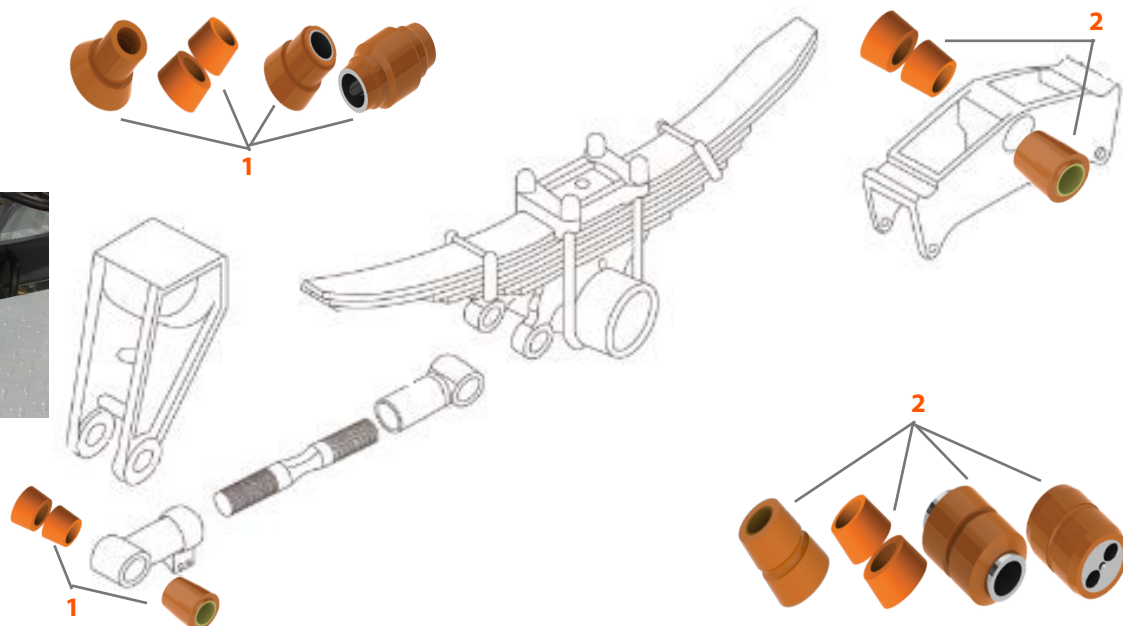
OEM# 2 6mmmm 11 5mmmm 12 15mmmm 13 18mmmm 14 21mmmm 15 24mmmm 16 27mmmm 17 30mmmm 18 33mmmm 19 36mmmm 20 39mmmm 21 42mmmm 22 45mmmm 23 48mmmm 24 51mmmm 25 54mmmm 26 57mmmm 27 60mmmm 28 63mmmm 29 66mmmm 30 69mmmm 31 72mmmm 32 75mmmm 33 78mmmm 34 81mmmm 35 84mmmm 36 87mmmm 37 90mmmm 38 93mmmm 39 96mmmm 40 99mmmm 41 102mmmm 42 105mmmm 43 108mmmm 44 111mmmm 45 114mmmm 46 117mmmm 47 120mmmm 48 123mmmm 49 126mmmm 50 129mmmm 51 132mmmm 52 135mmmm 53 138mmmm 54 141mmmm 55 144mmmm 56 147mmmm 57 150mmmm 58 153mmmm 59 156mmmm 60 159mmmm 61 162mmmm 62 165mmmm 63 168mmmm 64 171mmmm 65 174mmmm 66 177mmmm 67 180mmmm 68 183mmmm 69 186mmmm 70 189mmmm 71 192mmmm 72 195mmmm 73 198mmmm 74 201mmmm 75 204mmmm 76 207mmmm 77 210mmmm 78 213mmmm 79 216mmmm 80 219mmmm 81 222mmmm 82 225mmmm 83 228mmmm 84 231mmmm 85 234mmmm 86 237mmmm 87 240mmmm 88 243mmmm 89 246mmmm 90 249mmmm 91 252mmmm 92 255mmmm 93 258mmmm 94 261mmmm 95 264mmmm 96 267mmmm 97 270mmmm 98 273mmmm 99 276mmmm 100 279mmmm 101 282mmmm 102 285mmmm 103 288mmmm 104 291mmmm 105 294mmmm 106 297mmmm 107 300mmmm 108 303mmmm 109 306mmmm 110 309mmmm 111 312mmmm 112 315mmmm 113 318mmmm 114 321mmmm 115 324mmmm 116 327mmmm 117 330mmmm 118 333mmmm 119 336mmmm 120 339mmmm 121 342mmmm 122 345mmmm 123 348mmmm 124 351mmmm 125 354mmmm 126 357mmmm 127 360mmmm 128 363mmmm 129 366mmmm 130 369mmmm 131 372mmmm 132 375mmmm 133 378mmmm 134 381mmmm 135 384mmmm 136 387mmmm 137 390mmmm 138 393mmmm 139 396mmmm 140 399mmmm 141 402mmmm 142 405mmmm 143 408mmmm 144 411mmmm 145 414mmmm 146 417mmmm 147 420mmmm 148 423mmmm 149 426mmmm 150 429mmmm 151 432mmmm 152 435mmmm 153 438mmmm 154 441mmmm 155 444mmmm 156 447mmmm 157 450mmmm 158 453mmmm 159 456mmmm 160 459mmmm 161 462mmmm 162 465mmmm 163 468mmmm 164 471mmmm 165 474mmmm 166 477mmmm 167 480mmmm 168 483mmmm 169 486mmmm 170 489mmmm 171 492mmmm 172 495mmmm 173 498mmmm 174 501mmmm 175 504mmmm 176 507mmmm 177 510mmmm 178 513mmmm 179 516mmmm 180 519mmmm 181 522mmmm 182 525mmmm 183 528mmmm 184 531mmmm 185 534mmmm 186 537mmmm 187 540mmmm 188 543mmmm 189 546mmmm 190 549mmmm 191 552mmmm 192 555mmmm 193 558mmmm 194 561mmmm 195 564mmmm 196 567mmmm 197 570mmmm 198 573mmmm 199 576mmmm 200 579mmmm 201 582mmmm 202 585mmmm 203 588mmmm 204 591mmmm 205 594mmmm 206 597mmmm 207 600mmmm 208 603mmmm 209 606mmmm 210 609mmmm 211 612mmmm 212 615mmmm 213 618mmmm 214 621mmmm 215 624mmmm 216 627mmmm 217 630mmmm 218 633mmmm 219 636mmmm 220 639mmmm 221 642mmmm 222 645mmmm 223 648mmmm 224 651mmmm 225 654mmmm 226 657mmmm 227 660mmmm 228 663mmmm 229 666mmmm 230 669mmmm 231 672mmmm 232 675mmmm 233 678mmmm 234 681mmmm 235 684mmmm 236 687mmmm 237 690mmmm 238 693mmmm 239 696mmmm 240 699mmmm 241 702mmmm 242 705mmmm 243 708mmmm 244 711mmmm 245 714mmmm 246 717mmmm 247 720mmmm 248 723mmmm 249 726mmmm 250 729mmmm 251 732mmmm 252 735mmmm 253 738mmmm 254 741mmmm 255 744mmmm 256 747mmmm 257 750mmmm 258 753mmmm 259 756mmmm 260 759mmmm 261 762mmmm 262 765mmmm 263 768mmmm 264 771mmmm 265 774mmmm 266 777mmmm 267 780mmmm 268 783mmmm 269 786mmmm 270 789mmmm 271 792mmmm 272 795mmmm 273 798mmmm 274 801mmmm 275 804mmmm 276 807mmmm 277 810mmmm 278 813mmmm 279 816mmmm 280 819mmmm 281 822mmmm 282 825mmmm 283 828mmmm 284 831mmmm 285 834mmmm 286 837mmmm 287 840mmmm 288 843mmmm 289 846mmmm 290 849mmmm 291 852mmmm 292 855mmmm 293 858mmmm 294 861mmmm 295 864mmmm 296 867mmmm 297 870mmmm 298 873mmmm 299 876mmmm 300 879mmmm 301 882mmmm 302 885mmmm 303 888mmmm 304 891mmmm 305 894mmmm 306 897mmmm 307 900mmmm 308 903mmmm 309 906mmmm 310 909mmmm 311 912mmmm 312 915mmmm 313 918mmmm 314 921mmmm 315 924mmmm 316 927mmmm 317 930mmmm 318 933mmmm 319 936mmmm 320 939mmmm 321 942mmmm 322 945mmmm 323 948mmmm 324 951mmmm 325 954mmmm 326 957mmmm 327 960mmmm 328 963mmmm 329 966mmmm 330 969mmmm 331 972mmmm 332 975mmmm 333 978mmmm 334 981mmmm 335 984mmmm 336 987mmmm 337 990mmmm 338 993mmmm 339 996mmmm 340 999mmmm 341 1002mmmm 342 1005mmmm 343 1008mmmm 344 1011mmmm 345 1014mmmm 346 1017mmmm 347 1020mmmm 348 1023mmmm 349 1026mmmm 350 1029mmmm 351 1032mmmm 352 1035mmmm 353 1038mmmm 354 1041mmmm 355 1044mmmm 356 1047mmmm 357 1050mmmm 358 1053mmmm 359 1056mmmm 360 1059mmmm 361 1062mmmm 362 1065mmmm 363 1068mmmm 364 1071mmmm 365 1074mmmm 366 1077mmmm 367 1080mmmm 368 1083mmmm 369 1086mmmm 370 1089mmmm 371 1092mmmm 372 1095mmmm 373 1098mmmm 374 1101mmmm 375 1104mmmm 376 1107mmmm 377 1110mmmm 378 1113mmmm 379 1116mmmm 380 1119mmmm 381 1122mmmm 382 1125mmmm 383 1128mmmm 384 1131mmmm 385 1134mmmm 386 1137mmmm 387 1140mmmm 388 1143mmmm 389 1146mmmm 390 1149mmmm 391 1152mmmm 392 1155mmmm 393 1158mmmm 394 1161mmmm 395 1164mmmm 396 1167mmmm 397 1170mmmm 398 1173mmmm 399 1176mmmm 400 1179mmmm 401 1182mmmm 402 1185mmmm 403 1188mmmm 404 1191mmmm 405 1194mmmm 406 1197mmmm 407 1200mmmm 408 1203mmmm 409 1206mmmm 410 1209mmmm 411 1212mmmm 412 1215mmmm 413 1218mmmm 414 1221mmmm 415 1224mmmm 416 1227mmmm 417 1230mmmm 418 1233mmmm 419 1236mmmm 420 1239mmmm 421 1242mmmm 422 1245mmmm 423 1248mmmm 424 1251mmmm 425 1254mmmm 426 1257mmmm 427 1260mmmm 428 1263mmmm 429 1266mmmm 430 1269mmmm 431 1272mmmm 432 1275mmmm 433 1278mmmm 434 1281mmmm 435 1284mmmm 436 1287mmmm 437 1290mmmm 438 1293mmmm 439 1296mmmm 440 1299mmmm 441 1302mmmm 442 1305mmmm 443 1308mmmm 444 1311mmmm 445 1314mmmm 446 1317mmmm 447 1320mmmm 448 1323mmmm 449 1326mmmm 450 1329mmmm 451 1332mmmm 452 1335mmmm 453 1338mmmm 454 1341mmmm 455 1344mmmm 456 1347mmmm 457 1350mmmm 458 1353mmmm 459 1356mmmm 460 1359mmmm 461 1362mmmm 462 1365mmmm 463 1368mmmm 464 1371mmmm 465 1374mmmm 466 1377mmmm 467 1380mmmm 468 1383mmmm 469 1386mmmm 470 1389mmmm 471 1392mmmm 472 1395mmmm 473 1398mmmm 474 1401mmmm 475 1404mmmm 476 1407mmmm 477 1410mmmm 478 1413mmmm 479 1416mmmm 480 1419mmmm 481 1422mmmm 482 1425mmmm 483 1428mmmm 484 1431mmmm 485 1434mmmm 486 1437mmmm 487 1440mmmm 488 1443mmmm 489 1446mmmm 490 1449mmmm 491 1452mmmm 492 1455mmmm 493 1458mmmm 494 1461mmmm 495 1464mmmm 496 1467mmmm 497 1470mmmm 498 1473mmmm 499 1476mmmm 500 1479mmmm 501 1482mmmm 502 1485mmmm 503 1488mmmm 504 1491mmmm 505 1494mmmm 506 1497mmmm 507 1500mmmm 508 1503mmmm 509 1506mmmm 510 1509mmmm 511 1512mmmm 512 1515mmmm 513 1518mmmm 514 1521mmmm 515 1524mmmm 516 1527mmmm 517 1530mmmm 518 1533mmmm 519 1536mmmm 520 1539mmmm 521 1542mmmm 522 1545mmmm 523 1548mmmm 524 1551mmmm 525 1554mmmm 526 1557mmmm 527 1560mmmm 528 1563mmmm 529 1566mmmm 530 1569mmmm 531 1572mmmm 532 1575mmmm 533 1578mmmm 534 1581mmmm 535 1584mmmm 536 1587mmmm 537 1590mmmm 538 1593mmmm 539 1596mmmm 540 1599mmmm 541 1602mmmm 542 1605mmmm 543 1608mmmm 544 1611mmmm 545 1614mmmm 546 1617mmmm 547 1620mmmm 548 1623mmmm 549 1626mmmm 550 1629mmmm 551 1632mmmm 552 1635mmmm 553 1638mmmm 554 1641mmmm 555 1644mmmm 556 1647mmmm 557 1650mmmm 558 1653mmmm 559 1656mmmm 560 1659mmmm 561 1662mmmm 562 1665mmmm 563 1668mmmm 564 1671mmmm 565 1674mmmm 566 1677mmmm 567 1680mmmm 568 1683mmmm 569 1686mmmm 570 1689mmmm 571 1692mmmm 572 1695mmmm 573 1698mmmm 574 1701mmmm 575 1704mmmm 576 1707mmmm 577 1710mmmm 578 1713mmmm 579 1716mmmm 580 1719mmmm 581 1722mmmm 582 1725mmmm 583 1728mmmm 584 1731mmmm 585 1734mmmm 586 1737mmmm 587 1740mmmm 588 1743mmmm 589 1746mmmm 590 1749mmmm 591 1752mmmm 592 1755mmmm 593 1758mmmm 594 1761mmmm 595 1764mmmm 596 1767mmmm 597 1770mmmm 598 1773mmmm 599 1776mmmm 600 1779mmmm 601 1782mmmm 602 1785mmmm 603 1788mmmm 604 1791mmmm 605 1794mmmm 606 1797mmmm 607 1800mmmm 608 1803mmmm 609 1806mmmm 610 1809mmmm 611 1812mmmm 612 1815mmmm 613 1818mmmm 614 1821mmmm 615 1824mmmm 616 1827mmmm 617 1830mmmm 618 1833mmmm 619 1836mmmm 620 1839mmmm 621 1842mmmm 622



COMMON TRAILER SUSPENSION

DRAW BAR BUSHES

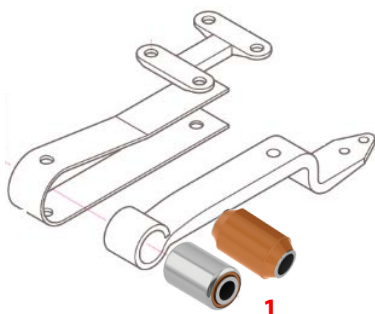
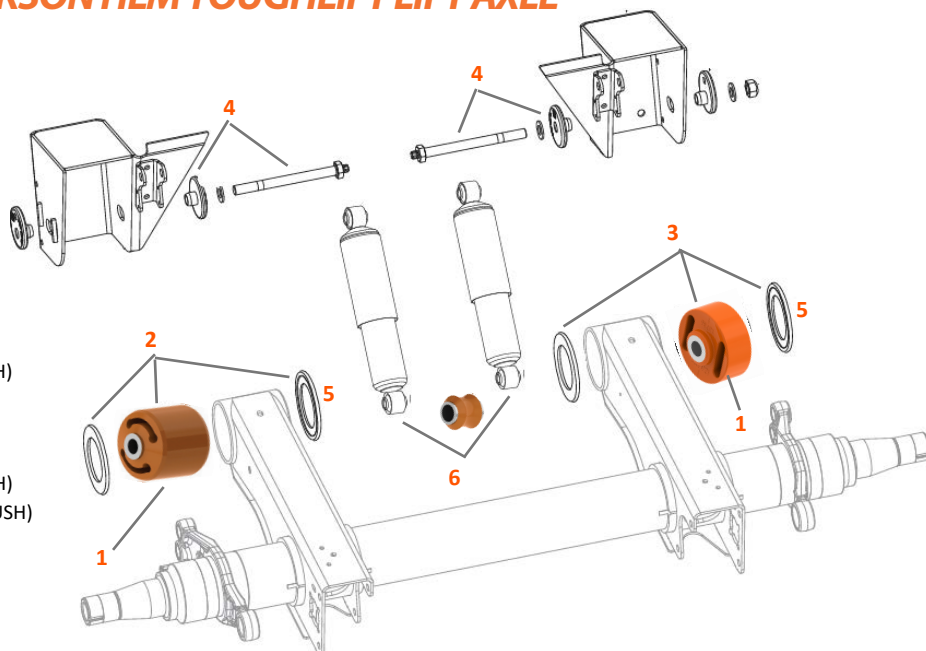
4 x **13005** or **13047**



- 1. TORQUE ROD / RADIUS ROD BUSH.** This is a guide always check Trailer Flyer for application & sizes.
COMMON GP TRAILER. **13001** STANDARD BUSH (Tapered), **13043** UNDERSIZED BUSH (Tapered), **13049** 2-PIECE SPLIT BUSH (Tapered).
COMMON REYCO TRAILER. **15073** REYCO 21B, **15008** REYCO 101/102 (Old Style), **15009** REYCO 101/102 (New Style), **15051** REYCO 102 /HALLMARK/RUBERY OWEN.
COMMON FRUEHAUF/ FREIGHTER / McGRATH. **14073** STANDARD BUSH (Stepped), **14008** HEAVY DUTY BUSH (Smooth).
- 2. EQUALIZER BUSH / ROCKER BOX BUSH.** This is a guide always check Trailer Flyer for application & sizes.
COMMON GP TRAILER. **13005** STANDARD BUSH (Tapered), **13007** UNDERSIZED BUSH (Tapered), **13047** 2-PIECE SPLIT BUSH (Tapered).
COMMON REYCO TRAILER. **15076** REYCO 21B, **15054** REYCO 88 (Transpro), **15001** REYCO 101 / 102.
COMMON FRUEHAUF / McGRATH. **14000** 2x 3/4" Bolts.

HENDRICKSON INTRAAX AAT 23-25K / AANT 23K HENDRICKSON HLM TOUGHLIFT LIFT AXLE

- 1. PIVOT BUSH** **13565** SUIT AAT 23-25K (WIDE BUSH)
INSTALL & REMOVAL TOOL IS **13581**
PIVOT BUSH **13736** SUIT AANT 23K (NARROW BUSH)
INSTALL & REMOVAL TOOL IS **13623**
- 2. PIVOT BUSH KIT** **13510** SUIT AAT 23-25K (WIDE BUSH)
INCLUDES **13565** BUSH, **13542** WEAR PADS &
STANDARD BOLT/NUT/SLEEVE KIT
QUICK ALIGN PIVOT BUSH KIT **13628** SUIT AAT 23-25K (WIDE BUSH)
INCLUDES **13565** BUSH, **13542** WEAR PAD, **13604** ECCENTRIC
WASHER & BOLT KIT. INSTALL & REMOVAL TOOL IS **13581**
- 3. QUICK ALIGN PIVOT BUSH KIT** **13673** SUIT AANT 23K (NARROW BUSH)
INCLUDES **13736** BUSH, **13648** WEAR PADS, **13673** ECCENTRIC
WASHER & BOLT KIT. INSTALL & REMOVAL IS **13623**
- 4. ECCENTRIC WASHER & BOLT KIT** **13604** SUIT AAT 23-25K (WIDE BUSH)
ECCENTRIC WASHER & BOLT KIT **13673** SUIT AANT 23K (NARROW BUSH)
- 5. WEAR PADS** **13542** SUIT AAT 23-25K (WIDE BUSH)
WEAR PADS **13648** SUIT AANT 23K (NARROW BUSH)
- 6. SHOCK ABSORBER BUSH** **18533** SUIT S-21699 SHOCKS



BPW / HOLLAND / YORK / TMC SUSPENSION

- 1. EQUALIZER BUSH** **18690** SUITS BPW AIR LIGHT I-II / SL & O SERIES, HOLLAND WEWELLER, R.O.R & KRUEGER RFS (NO METAL SLEEVE)
EQUALIZER BUSH **18701** SUITS BPW AIR LIGHT I-II / SL & O SERIES, HOLLAND WEWELLER, R.O.R & KRUEGER RFS (METAL SLEEVE)
EQUALIZER BUSH **18700** SUITS YORK TECAIR / TMC / SAF EURO 2 (METAL SLEEVE)

SUSPENSION PRODUCTS



To suit

Hendrickson Suspension



TORQUE ROD BUSH

SUIT HAS-SERIES, HAULMAAX, E4-SERIES
HN-SERIES, PRIMAAX EX

OEM# 47691, 47691-000

B. H 5/8" O.E.M. STYLE
O.D. 51 mm ANTI-WALK STYLE
L.G. C-C 112 mm IS **11004**



13521

TORQUE ROD BUSH

SUIT HAS-SERIES, HAULMAAX, E4-SERIES
HN-SERIES, PRIMAAX EX

OEM# 47691, 47691-000

B. H 5/8" ANTI-WALK STYLE
O.D. 51 mm
L.G. C-C 112 mm



11004

TORQUE ROD BUSH

SUIT FAMS A

OEM# 32174-000

B. H 5/8"
O.D. 91 mm
L.G. C-C 111 mm



13519

TORQUE ROD BUSH

SUIT RS & RT SERIES, HAS-SERIES
PRIMAAX EX, ULTRA-ROD

OEM# 44695, 44695-000, 64400
64400-002, 66649, 66649-002

B. H 5/8" O.E.M. STYLE
O.D. 70 mm 3/4" B.H IS **13528**
L.G. C-C 111 mm EASY MOUNT
STYLE IS **83520**



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT RS & RT SERIES, HAS-SERIES
PRIMAAX EX, ULTRA-ROD

OEM# 44695, 44695-000, 64400
64400-002, 66649, 66649-002

B. H 5/8" SLEEVELESS STYLE
O.D. 70 mm DESIGN OF **13520**
L.G. C-C 111 mm EASY MOUNT
STYLE IS **83520**



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT RS & RT SERIES, HAS-SERIES
PRIMAAX EX, ULTRA-ROD

OEM# 44695-44695-000, 64400
64400-002, 66649, 66649-002

B. H 5/8" EASY MOUNT DESIGN
O.D. 70 mm HIGH ARTICULATION
L.G. C-C 111 mm 360 DEGREE
ROTATION



83520

TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT CAMELBACK SUSPENSION
(MACK)

OEM# 49210, 49210-000
64400-005, 66649-005

B. H 3/4"
O.D. 70 mm
L.G. C-C 111 mm



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT AIR LEAF, AIR TRAC, AIR RIPARA
(FREIGHTLINER, MACK, VOLVO)

OEM# 44694, 44694-000, 227710, 227720
151087-148, 35033-0008, 8079894

B. H 5/8"
O.D. 64 mm
L.G. C-C 111 mm



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT AIR LEAF, AIR TRAC, AIR RIPARA
(FREIGHTLINER, MACK, VOLVO)

OEM# 44694, 44694-000, 227710, 227720
151087-148, 35033-0008, 8079894

B. H 5/8" EASY MOUNT DESIGN
O.D. 64 mm HIGH ARTICULATION
L.G. C-C 111 mm 360 DEGREE
ROTATION



83522

TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT RS-SERIES, RT-SERIES
HN-SERIES (SOME), ULTRA-ROD

OEM# 44697, 44697-000, 64400-004
66649-004

T.H. 1-1/4" UNF O.E.M. STYLE
O.D. 69.8 mm SLEEVELESS
L.G. 204.8 mm STYLE IS **13533**



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT RS-SERIES, RT-SERIES
HN-SERIES (SOME), ULTRA-ROD

OEM# 44697, 44697-000, 64400-004
66649-004

T.H. 1-1/4" UNF SLEEVELESS
O.D. 69.8 mm STYLE OF
L.G. 204.8 mm **13518**



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT PRIMAAX 230 (PAX230) GEN II
PRIMAAX 460 (PAX460) GEN II

OEM# 47692, 47692-000

I.D. 22.2 mm O.E.M. STYLE
O.D. 49.2 mm HEAVY DUTY
L.G. 76.2 mm VERSION IS **14010**



15013

TORQUE ROD BUSH

SUIT HN-FR, HN-SERIES (SOME)
HAULMAAX, ULTRA-ROD

OEM# 64697, 64697-000

T.H. 1-1/4" UNF
O.D. 50.8 mm
L.G. 204.8 mm



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT 340-343 SERIES

OEM# 44809, 44809-000

T.H. 1-1/8" UNF
O.D. 64.3 mm
L.G. 165.9 mm



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT PRIMAAX 230 (PAX230) GEN II
PRIMAAX 460 (PAX460) GEN II

OEM# 47692, 47692-000

I.D. 22.2 mm HEAVY DUTY
O.D. 50.8 mm VERSION
L.G. 76.2 mm



14010

TORQUE ROD BUSH

SUIT PRIMAAX 230 (PAX230) GEN II
PRIMAAX 460 (PAX460) GEN II

OEM# 69210-000, 69210-000L, 69210-000H

B.H. 3/4"
O.D. 50.8 mm
L.G.C-C 111.9 mm



13672

D-PIN BUSH

SUIT PRIMAAX 230, 460 GEN II
PRIMAAX 232, 462, 692 EX

OEM# 60383-000, 65831-000, 60383000
34013-116, 34013-117, 34013-107

B.H. 7/8"
O.D. 63.5 mm
L.G.C-C 140.5 mm



13627

ECCENTRIC BOLT & WASHERS

SUIT INTRAAX AANT 23K (NARROW)
PRIMAAX SUSPENSION

OEM# 60632-005, 60632-006, 60632-019, S-20924
64633-000, 64632-000, 64097-000
64096-000, S-24705, S-23319, S-20925

T.H. 7/8" UNC KIT INCLUDES
L.G. 177.8 mm 2x ECCENTRIC WASHERS
1x QUICK-ALIGN BOLT
WASHERS & NYLOC NUT



13673

PIVOT BUSH

SUIT PRIMAAX 230, 460 GEN II
PRIMAAX 232, 462, 692 EX

OEM# 58648-000, 70425-001, 85109-229
58648000, 70425001, 85109229

I.D. 31.7 mm
O.D. 93.7 mm
T.K. 92.1 mm



18821

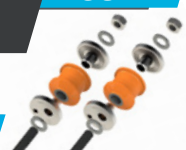
TOOLING AVAILABLE

PIVOT BUSH KIT

SUIT PRIMAAX 230, 460 GEN II
PRIMAAX 232, 462, 692 EX

OEM# 60632-8, 60632-020, 60632020
60632-043, 60632043, 606328

KIT INCLUDES
2x PIVOT BUSH **18821**
2x ECCENTRIC BOLT & WASHER **13673**



13817

TOOLING AVAILABLE

PIVOT BUSH TOOL

INSTALL & REMOVAL TOOL
SUIT PRIMAAX SUSPENSION

OEM# 66086-203

DESIGNED TO REMOVE THE OEM BUSH
AND INSTALL GAFF **18821** & **13817** ON
THE VEHICLE CORRECTLY WITH EASE



13800

PIVOT BUSH

SUIT INTRAAX AANT 23K
(NARROW BUSH)

OEM# 66086-203, 66086-203L

I.D. 31.7 mm EASY-ALIGN KIT
O.D. 152.4 mm IS **13594**
T.K. 92.1 mm



13736

TOOLING AVAILABLE

PIVOT BUSH WEAR PADS

SUIT INTRAAX AANT 23K
(NARROW BUSH)

OEM# B-21099, S-21099, S-26807
S-26807-4P

I.D. 74.6 mm
O.D. 188.9 mm SOLD AS A PAIR
T.K. 6.3 mm



13648

PIVOT BUSH EASY-ALIGN KIT

SUIT INTRAAX AANT 23K
(NARROW BUSH)

OEM# D-25364, S20924, S-20925
S-23320, S-26321

KIT INCLUDES
1x ECCENTRIC BOLT & WASHER **13673**
1x PIVOT BUSH **13736**
1x WEAR PAD KIT **13648**



13594

TOOLING AVAILABLE



PIVOT BUSH

SUIT INTRAAX AAT 23K & 25K (WIDE)
HLM, TOUGHLIFT FMT LIFT AXLE

OEM# A-6914, A21166, A31624, S-21166
S-24691, S-31624

I.D. 31.7 mm PIVOT BUSH KIT IS **13510**
O.D. 150.8 mm EASY-ALIGN PIVOT
L.G. 171.4 mm KIT IS **13628**



TOOLING AVAILABLE

13565

PIVOT BUSH KIT

SUIT INTRAAX AAT 23K & 25K (WIDE)
HLM, TOUGHLIFT FMT LIFT AXLE

OEM# A-6914, A21166, A31624, S-21166
S-24691, S-31624

KIT INCLUDES
1x PIVOT BUSH **13565** EASY-ALIGN
1x WEAR PAD KIT **13542** KIT IS **13628**
1x BOLT, NUT, SLEEVE



TOOLING AVAILABLE

13510

PIVOT BUSH EASY-ALIGN KIT

SUIT INTRAAX AAT 23K & 25K (WIDE)
HLM, TOUGHLIFT FMT LIFT AXLE

OEM# A-6914, A21166, A31624, S-21166
S-24691, S-31624

KIT INCLUDES
1x ECCENTRIC BOLT & WASHER **13604**
1x PIVOT BUSH **13565**
1x WEAR PAD KIT **13542**



TOOLING AVAILABLE

13628

PIVOT BUSH WEAR PADS

SUIT INTRAAX AAT 23K & 25K (WIDE)
HLM, TOUGHLIFT FMT LIFT AXLE

OEM# B-11613, S-11613, S-21099
S-21099-4P

I.D. 60.3 mm
O.D. 177.8 mm SOLD AS A PAIR
T.K. 8.7 mm



13542

ECCENTRIC BOLT & WASHERS

SUIT INTRAAX AAT 23K & 25K (WIDE)
HLM, TOUGHLIFT FMT LIFT AXLE

OEM# 60632-066, S-21052, S-24679

T.H. 7/8" UNC KIT INCLUDES
L.G. 250.8 mm 2x ECCENTRIC WASHERS
1x QUICK-ALIGN BOLT
WASHERS & NYLOC NUT



13604

SHOCK ABSORBER BUSH

SUIT INTRAAX SUSPENSION
HLM TOUGHLIFT LIFT AXLE

OEM# A-13123L-8P, 98941-006-8P

I.D. 19.8 mm
O.D.1 34.1 mm SUIT SHOCK
O.D.2 39.7 mm ABSORBER
L.G. 44.5 mm S-21699



18533

PIVOT BUSH TOOL

SUIT INTRAAX AAT 23K & 25K (WIDE)
HLM, TOUGHLIFT FMT LIFT AXLE

OEM# S-21307

DESIGNED TO REMOVE THE OEM BUSH
AND INSTALL GAFF **13510**, **13565**,
13583, **13600**, **13628** & **13817**
CORRECTLY WITH EASE



13581

PIVOT BUSH TOOL

INSTALL & REMOVAL TOOL
SUIT INTRAAX AANT 23K (NARROW)

OEM# S-24736

DESIGNED TO REMOVE THE OEM BUSH
AND INSTALL GAFF **13594** & **13736**
CORRECTLY WITH EASE



13623

EQUALIZER BUSH

SUIT E4-SERIES, HFS-SERIES

OEM# 47420, 48402, 48932
E4HZ5872A

I.D. 25.4 mm
O.D. 69.8 mm
L.G. 111.1 mm



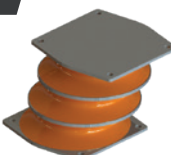
13526

BOLSTER SPRING

SUIT HN-SERIES

OEM# 49377, 49377-000, 60879-000
250196C1, 2506180C91

W.D. 203.2 mm SINGLE SPRING
L.G. 276.2 mm BOLSTER SPRING
H. 139.7 mm KIT IS **13721**



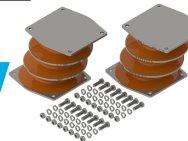
13601

BOLSTER SPRING KIT

SUIT HN-SERIES

OEM# 49377, 49377-000, 60879-000
250196C1, 2506180C91

KIT INCLUDES
W.D. 203.2 mm 2x SPRINGS **13601**
L.G. 276.2 mm 16x BOLTS & NUTS
H. 139.7 mm 32x WASHERS



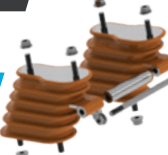
13721

BOLSTER SPRING KIT

SUIT HAULMAAX

OEM# 64179-002, 64179-037, 64179-048
64179-049, 65743-000, 65902-004

KIT INCLUDES
1x SPACER TUBE & FLANGE BOLT
1x HARDWARE KIT (NUTS & WASHERS)
2x BOLSTER SPRINGS



13626

BEAM END BUSH KIT

SUIT RS-SERIES, RT-SERIES
HN-SERIES, HAULMAAX

OEM# 34013-87, 34013-087, 34013-88, **13607**
34013-088, 34013-188, 50150-000

KIT INCLUDES OEM STYLE
1x BEAM END BUSH EASY MOUNT
1x HARDWARE KIT STYLE IS **83596**
4x SHIM WASHERS



TOOLING AVAILABLE

13596

BEAM END BUSH KIT

SUIT RS-SERIES, RT-SERIES
HN-SERIES, HAULMAAX

OEM# 34013-87, 34013-087, 34013-88, **13607**
34013-088, 34013-188, 50150-000

KIT INCLUDES EASY MOUNT DESIGN
1x BEAM END BUSH HIGH ARTICULATION
1x HARDWARE KIT 360 DEGREE
4x SHIM WASHERS ROTATION



TOOLING AVAILABLE

83596

BEAM END BUSH TOOL

INSTALL & REMOVAL TOOL

DESIGNED TO REMOVE THE OEM BUSH
AND INSTALL GAFF **13596**, **13607** &
83596 CORRECTLY WITH EASE



13595

AUXILIARY LOAD SPRING

SUIT HN-SERIES (SOME)
HAULMAAX (SOME)

OEM# 641794, 60314-000, 64179-004
58947-000

W.D. 129.4 mm
L.G. 119.1 mm
H. 84.9 mm



13611

AUXILIARY LOAD SPRING

SUIT HN-SERIES (SOME)
HAULMAAX (SOME)

OEM# 67778, 67778-000

W.D. 127.0 mm DOUBLE AUXILIARY
L.G. 123.8 mm LOAD SPRING KIT
H. 106.4 mm IS **13814**



13812

AUXILIARY LOAD SPRING KIT

SUIT HN-SERIES (SOME)
HAULMAAX (SOME)

OEM# 60961-747, 60961-745

KIT INCLUDES
2x AUXILIARY LOAD SPRINGS **13812**
1x HARDWARE KIT (BOLTS & NUTS)



13814

REBOUND ROLLER KIT

SUIT HAS-SERIES SUSPENSION

OEM# 98758-001, 98758-001-2P
49175-014-2P

B.H. 1/2" UNC SINGLE ROLLER KIT
I.D. 14.3 mm DOUBLE ROLLER
O.D. 63.5 mm KIT IS **11747-2P**
L.G. 92.1 mm



11747

SLIPPER WEAR PAD KIT

SUIT E4-SERIES, HAS-SERIES
HTS-SERIES

OEM# 50612-000, 56557-002
56929-000-2P

W.D. 76.2 mm KIT INCLUDES
L.G. 172.2 mm 1x SLIPPER WEAR PAD
H. 73.0 mm 4x BOLTS & WASHERS
2x RETAINERS



13524

CENTER BUSHING

SUIT 340-440 SERIES, RS-SERIES
RT& RTE-SERIES SUSPENSION

OEM# 05919-000, 22282, 29483-5, 49400-000
49600-000, 124901R91, 3255880R1

O.D.1 88.9 mm
O.D.2 120.6 mm
L.G. 304.8 mm



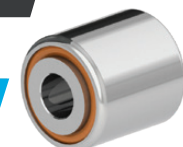
13505

TORQUE ROD BUSH

SUIT INTERNATIONAL SUSPENSION

OEM# 45477, 322069C1, 322069C91

I.D. 28.6 mm
O.D. 76.2 mm
L.G. 82.5 mm



13514

TORQUE ROD BUSH

SUIT INTERNATIONAL SUSPENSION

OEM# 476991, 47699-001, 73073-1
438506C1, 438506C91

B.H. 13/16"
O.D. 76.2 mm
L.G.-C-C 144.5 mm



13515

TORQUE ROD BUSH

SUIT INTERNATIONAL SUSPENSION

OEM# 46736, 64400-010
1693070C1

I.D. 28.6 mm
O.D. 69.8 mm
L.G. 82.5 mm

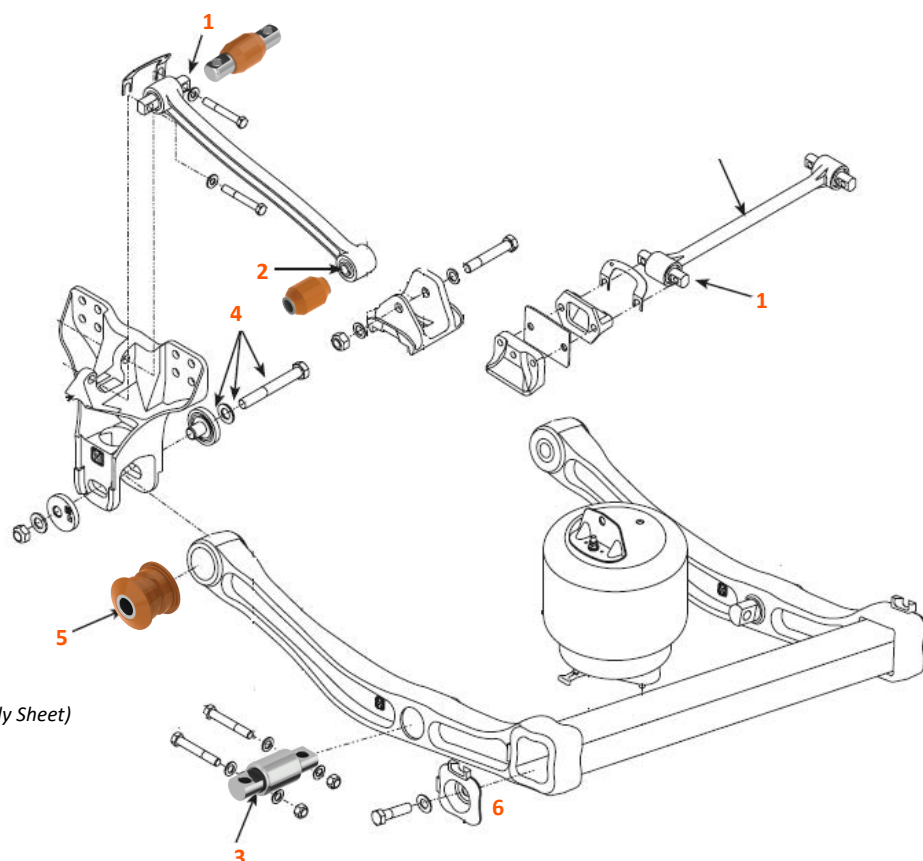


13516



PRIMAAX 230 / 460 GEN II

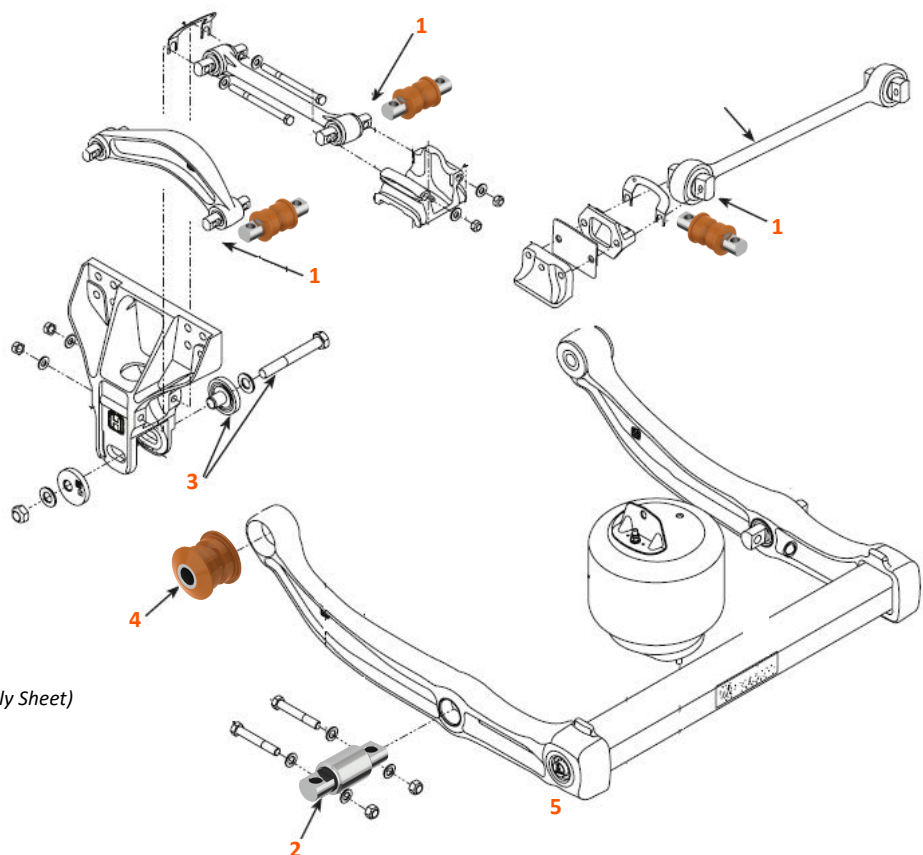
1. TORQUE ROD BUSH **13672**
2. TORQUE ROD BUSH **14010**
3. D-PIN BUSH **13627**
4. ECCENTRIC BOLT & WASHER KIT **13673**
5. PIVOT BUSH **18821**
PIVOT BUSH KIT **13817**
INCLUDES 2 BUSHES, BOLTS, NUTS, WASHERS
INSTALL & REMOVAL TOOL IS **13800**
6. PRIMAAX GEN II HAS A DETACTABLE END CAP
PRIMAAX EX HAS A INTEGRATED END CAP



TWO PIECE TORQUE RODS AVAILABILE (See Torque Rod Assembly Sheet)

PRIMAAX 232 / 462 / 692 EX

1. TORQUE ROD BUSH **13521** IS STANDARD OEM DESIGN
TORQUE ROD BUSH **11004** IS ANTI-WALK DESIGN
2. D-PIN BUSH **13627**
3. ECCENTRIC BOLT & WASHER KIT **13673**
4. PIVOT BUSH **18821**
PIVOT BUSH KIT **13817**
INCLUDES 2 BUSHES, BOLTS, NUTS, WASHERS
INSTALL & REMOVAL TOOL IS **13800**
5. PRIMAAX EX HAS A INTEGRATED END CAP

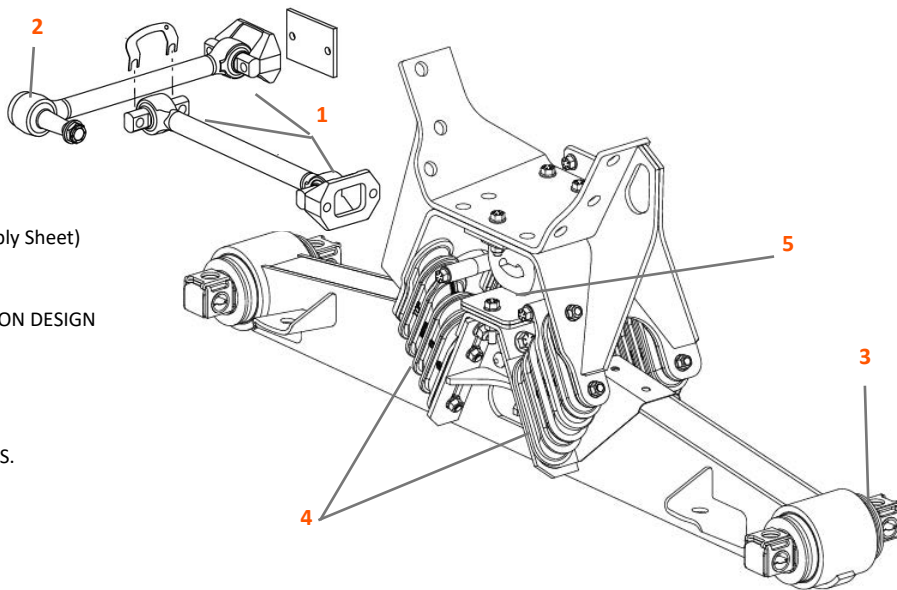


TWO PIECE TORQUE RODS AVAILABILE (See Torque Rod Assembly Sheet)



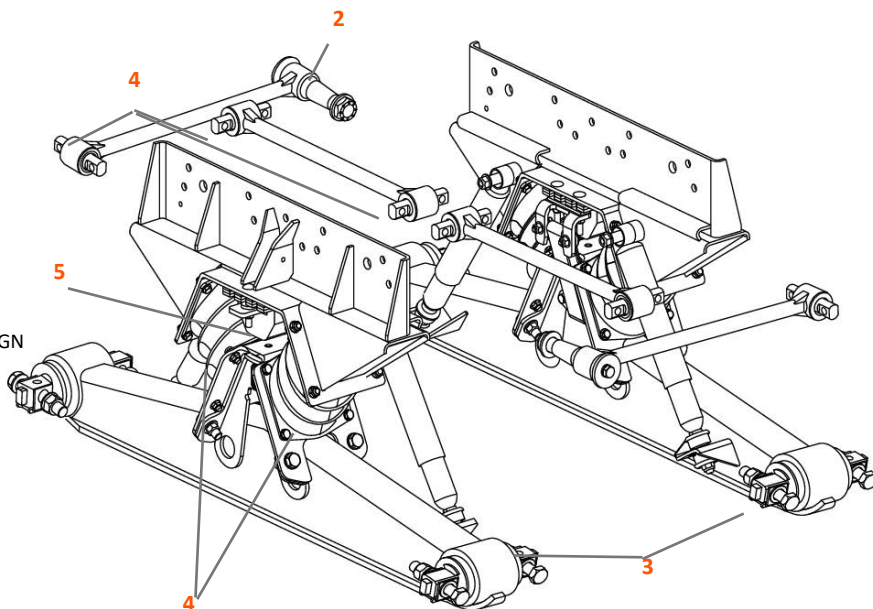
HAULMAAX

1. TORQUE ROD BUSH **13521** IS 51MM OEM DESIGN BUSH
TORQUE ROD BUSH **11004** IS 51MM ANTI-WALK DESIGN BUSH
2. TORQUE ROD BUSH **13582** IS 51MM SLEEVELESS DESIGN
TWO PIECE TORQUE RODS AVAILABLE (See Torque Rod Assembly Sheet)
3. BEAM END BUSH KIT **13596** IS OEM SHIM DESIGN
BEAM END BUSH KIT **83596** IS EASY-MOUNT HIGH ARTICULATION DESIGN
ALL KITS INCLUDES BUSH, RETAINERS, BOLTS, NUTS, WASHERS
INSTALL & REMOVAL TOOL IS **13595**
4. BOLSTER SPRING KIT **18821**
INCLUDES 2 BOLSTER SPRINGS, SPACER, NUTS, BOLTS, WASHERS.
5. AUXILIARY LOAD SPRING **13611** OLD TYPE
AUXILIARY LOAD SPRING **13812** NEW TYPE
NEW TYPE KIT IS **13814** INCLUDES 2 SPRINGS & HARDWARE.



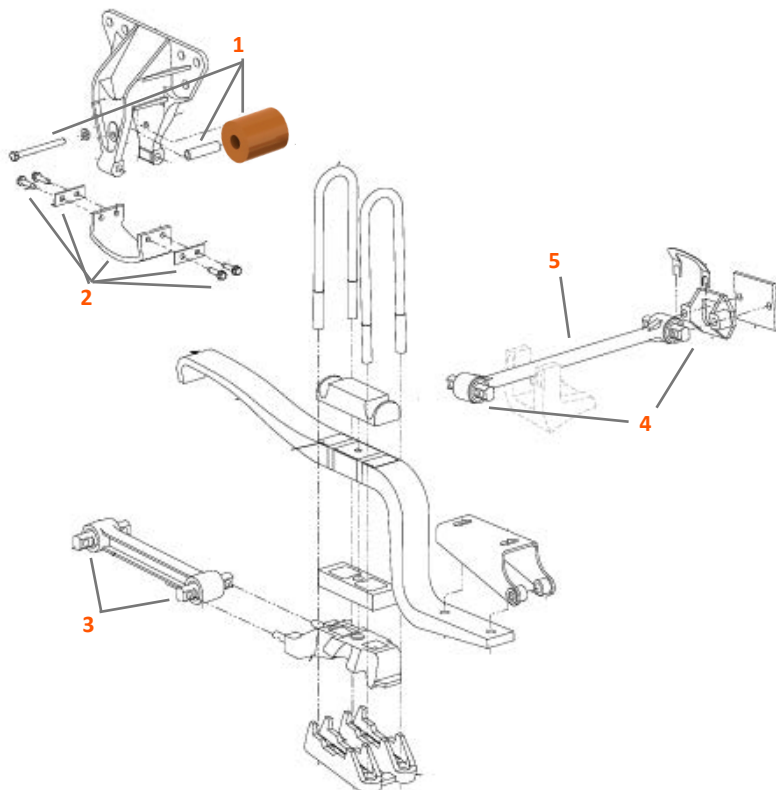
HN 402 / 460 / 462 / 522

1. TORQUE ROD BUSH **13521** IS 51MM OEM DESIGN BUSH
TORQUE ROD BUSH **11004** IS 51MM ANTI-WALK DESIGN BUSH
TORQUE ROD BUSH **13520** IS 70MM OEM DESIGN BUSH
TORQUE ROD BUSH **83520** IS 70MM EASY-MOUNT DESIGN BUSH
2. TORQUE ROD BUSH **13582** IS 50MM SLEEVELESS DESIGN
TORQUE ROD BUSH **13518** IS 71MM OEM DESIGN BUSH
TORQUE ROD BUSH **13533** IS 71MM SLEEVELESS DESIGN BUSH
TWO PIECE TORQUE RODS AVAILABLE (See Torque Rod Assembly Sheet)
3. BEAM END BUSH KIT **135696** IS OEM SHIM DESIGN
BEAM END BUSH KIT **83596** IS EASY-MOUNT HIGH ARTICULATION DESIGN
ALL KITS INCLUDES BUSH, RETAINERS, BOLTS, NUTS, WASHERS
INSTALL & REMOVAL TOOL IS **13595**
4. BOLSTER SPRING **13601**
BOLSTER SPRING KIT **13721**
INCLUDES 2 BOLSTER SPRINGS, NUTS, BOLTS, WASHERS.
5. AUXILIARY LOAD SPRING **13611** OLD TYPE
AUXILIARY LOAD SPRING **13812** NEW TYPE
NEW TYPE KIT IS **13814** INCLUDES 2 SPRINGS & HARDWARE.



HAS 360 / 400 / 402 / 460

1. REBOUND ROLLER KIT IS **11747** (SINGLE ROLLER)
REBOUND ROLLER KIT IS **11747-2P** (PAIR OF ROLLERS)
2. WEAR PAD KIT IS **14010** SINGLE WEAR PAD
KIT INCLUDES WEAR PAD/RETAINERS/BOLTS/WASHERS
3. LOWER TORQUE ROD BUSH **13521** IS OEM DESIGN
LOWER TORQUE ROD BUSH **11004** IS ANTI-WALK DESIGN
4. *Note: Check Torque Rod fitted as there is 2 different O.D. bushes*
51MM TORQUE ROD BUSH **13521** IS STANDARD OEM DESIGN
51MM TORQUE ROD BUSH **11004** IS ANTI-WALK DESIGN
70MM TORQUE ROD BUSH **13520** IS STANDARD OEM DESIGN
70MM TORQUE ROD BUSH **13536** IS SLEEVELESS DESIGN
70MM TORQUE ROD BUSH **83520** IS EASY MOUNT, ROTATION DESIGN
INSTALL & REMOVAL TOOL IS **18551**
5. TWO PIECE TORQUE RODS AVAILABLE (See Torque Rod Assembly Sheet)



SUSPENSION PRODUCTS



To suit
NeWay Suspension



FRONT PIVOT BUSH

14513

AR 41-45, 70-75, 80-85, 90-95, 250, 955
ARU 92, 93

OEM# 900-08-139, 90008139

I.D. 29 mm
O.D. 89 mm
L.G. 133 mm



FRONT PIVOT BUSH

14514

AD 123, 126, 246, 252, 369, 378

OEM# 900-08-151, 90008151
900-08-252, 90008252

I.D. 29 mm
O.D. 89 mm
L.G. 127 mm



FRONT PIVOT BUSH

14538

ADZ 123, 126, 246, 252, 369, 378

OEM# 900-08-266, 90008266
900-08-279, 90008279

I.D. 29 mm
O.D. 81 mm
L.G. 102 mm



AXLE BUSH - THRU STYLE

14527

AD 123, 246, 369

OEM# 900-08-008, 90008008

I.D. 64 mm THRU STYLE BUSH
O.D. 98 mm PIN STYLE BUSH
L.G. 146 mm IS **14532**



AXLE BUSH - PIN STYLE

14532

AD 123, 246, 369

OEM# 900-08-175, 90008175

B. H. 1-1/16" PIN STYLE BUSH
O.D. 98 mm THRU STYLE BUSH
L.G. C-C 216 mm IS **14527**



AXLE BUSH

14533

AR 90, 91, 92, 93, 250
ARU 92, 93

OEM# 900-08-148, 90008148
900-08-149, 90008149

I.D. 29 mm
O.D. 71 mm
L.G. 127 mm



AXLE BUSH

14536

ADZ 123, 126, 246, 252, 369, 378

OEM# 900-08-267, 90008267

B. H. 1"
O.D. 79 mm
L.G. C-C 159 mm



TRANSVERSE BEAM BUSH

31592

AD 123, 126, 246, 252, 369, 378

OEM# 900-08-006, 90008006
900-08-219, 90008219

I.D. 64 mm
O.D. 98 mm
L.G. 133 mm



TRUNNION BUSH

14027

TS / US / USR
SINGLE POINT SUSPENSION

OEM# 900-08-004, 900-08-043
910-08-022, 910-08-036

I.D. 102 mm
O.D. 127 mm
L.G. 229 mm



TORQUE ROD BUSH

11729

ADZ 123, 126, 246, 252, 369, 378

OEM# 900-08-265, 90008265
Refer Tech Pub #TP-0024A

B. H. 5/8" STRESS RELIEF STYLE
O.D. 69 mm **ADZ MODEL ONLY**
L.G. C-C 111 mm OEM STYLE BUSH
IS **13520**



V-ROD BUSH

14537

ADZ 123, 126, 246, 252, 369, 378

OEM# 900-08-264, 90008264

I.D. 26 mm
O.D. 70 mm
L.G. 72 mm



TORQUE ROD BUSH

13518

AD 123, 126, 246, 252, 369, 378

OEM# 44697, 44697-000, 229610
64400, 64400-004, IPC229610

T.H. 1-1/4" UNF
O.D. 70 mm
L.G. 204 mm



TORQUE ROD BUSH

13520

AD 123, 126, 246, 252, 369, 378

OEM# 44695, 44695-000
64400-002, 66649-002

B. H. 5/8" 3/4" BOLT VERSION
O.D. 69 mm IS **13528**
L.G. C-C 111 mm EASY MOUNT
DESIGN IS **83520**



TORQUE ROD BUSH

13528

AD 123, 126, 246, 252, 369, 378

OEM# 49210, 49210-000
64400-005, 66649-005

B. H. 3/4" 5/8" BOLT VERSION
O.D. 69 mm IS **13520**
L.G. C-C 111 mm



TORQUE ROD BUSH

83520

AD 123, 126, 246, 252, 369, 378

OEM# 44695, 44695-000
64400-002, 66649-002

B. H. 5/8" EASY MOUNT DESIGN
O.D. 69 mm HIGH ARTICULATION
L.G. C-C 111 mm 360 DEGREE
ROTATION



TORQUE ROD BUSH

13533

AD 123, 126, 246, 252, 369, 378

OEM# 44697, 44697-000, 229610
64400, 64400-004, IPC229610

T.H. 1-1/4" UNF **13518** WITHOUT
O.D. 70 mm METAL SLEEVE
L.G. 204 mm



TORQUE ROD BUSH

13536

AD 123, 126, 246, 252, 369, 378

OEM# 44695, 44695-000
64400-002, 66649-002

B. H. 5/8" **13520** WITHOUT
O.D. 79 mm METAL SLEEVE
L.G. C-C 111 mm



TORQUE ROD ASSEMBLY

13686

AD 123, 126, 246, 252, 369, 378

OEM# 46630, 66630, 928630
66630-000, IPC928630

T. H. 1-1/4" UNF TUBE END ASSEMBLY
L.G. 189 mm FITTED WITH **13518**



TORQUE ROD ASSEMBLY

13683

AD 123, 126, 246, 252, 369, 378

OEM# 46610, 46610-003, 46610-005
66610, 66610-000, 928610

B. H. 5/8" TUBE END ASSEMBLY
L.G. 189 mm FITTED WITH **13520**
L.G. C-C 111 mm EASY MOUNT
VERSION IS **13790**



TORQUE ROD ASSEMBLY

13790

AD 123, 126, 246, 252, 369, 378

OEM# 46610, 46610-003, 46610-005
66610, 66610-000, 928610

B. H. 5/8" TUBE END ASSEMBLY
L.G. 189 mm FITTED WITH **83520**
L.G. C-C 111 mm EASY MOUNT
VERSION



TORQUE ROD BUSH TOOL

13584

INSTALL & REMOVAL TOOL

DESIGNED TO REMOVE THE OEM BUSH
AND INSTALL GAFF **13518** & **13533**
CORRECTLY WITH EASE



TORQUE ROD ASSEMBLY

13691

AD 123, 126, 246, 252, 369, 378

OEM# 46661, 900-446-36, 90044636
66661, 928660, 928661

B. H. 5/8" ROD END ASSEMBLY
L.G. 624 mm FITTED WITH **13520**
L.G. C-C 111 mm EASY MOUNT
VERSION IS **13789**



TORQUE ROD ASSEMBLY

13789

AD 123, 126, 246, 252, 369, 378

OEM# 46661, 900-446-36, 90044636
66661, 928660, 928661

B. H. 5/8" ROD END ASSEMBLY
L.G. 624 mm FITTED WITH **83520**
L.G. C-C 111 mm EASY MOUNT
VERSION



TORQUE ROD BUSH TOOL

18551

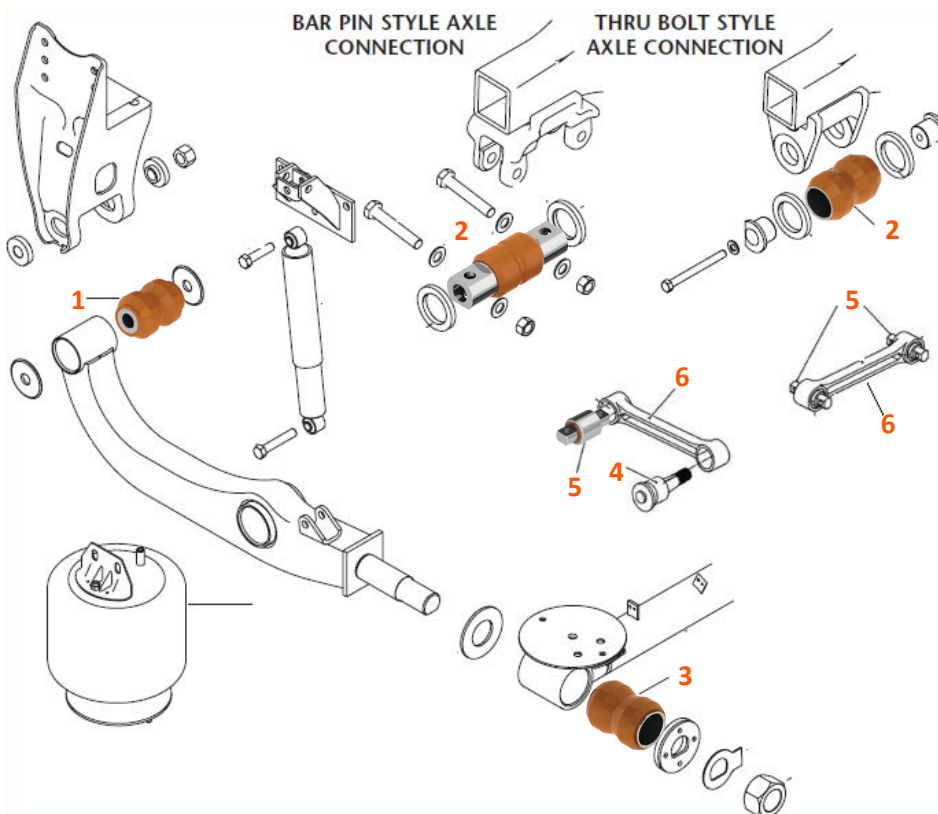
INSTALL & REMOVAL TOOL

DESIGNED TO REMOVE THE OEM BUSH
AND INSTALL GAFF **11729**, **13520**,
13528, **13536** & **83520**
CORRECTLY WITH EASE





NEWAY AD SERIES



1.14514 FRONT PIVOT BUSH
Suit AD-123/126/246/252/369/378.

2. AXLE BUSHING
14532 AXLE BUSH - PIN/BAR STYLE
Suit AD-123/246/369.

or
14527 AXLE BUSH - THRU BOLT STYLE
Suit AD-123/246/369.

3.31592 TRANSVERSE BEAM BUSH
Suit AD-123/126/246/252/369/378.

4.13518 TORQUE ROD BUSH - TAPERED
Suit AD-123/126/246/252/369/378.

13584 INSTALL & REMOVAL TOOL
Suit OEM & GAFF **13518**.

5.13520 TORQUE ROD BUSH - OEM STYLE
83520 TORQUE ROD BUSH - EASY MOUNT
HIGH ARTICULATION 360° ROTATION
Suit AD-123/126/246/252/369/378.

18551 INSTALL & REMOVAL TOOL
Suit OEM & GAFF **13520** & **83520**.

6. NOTE: DUE TO DIFFERENT OEM LENGTHS YOU WILL NEED TO MAKE YOUR OWN USING A TUBE & ROD END.

13683 TORQUE ROD ASSEMBLY TUBE END FITTED WITH **13520** OEM STYLE BUSH.

13790 TORQUE ROD ASSEMBLY TUBE END FITTED WITH **83520** EASY MOUNT, HIGH ARTICULATION BUSH

13686 TORQUE ROD ASSEMBLY TUBE END FITTED WITH **13518** TAPERED BUSH

13691 TORQUE ROD ASSEMBLY ROD END FITTED WITH **13520** OEM STYLE BUSH.

13789 TORQUE ROD ASSEMBLY ROD END FITTED WITH **83520** EASY MOUNT, HIGH ARTICULATION BUSH

NEWAY ADZ SERIES

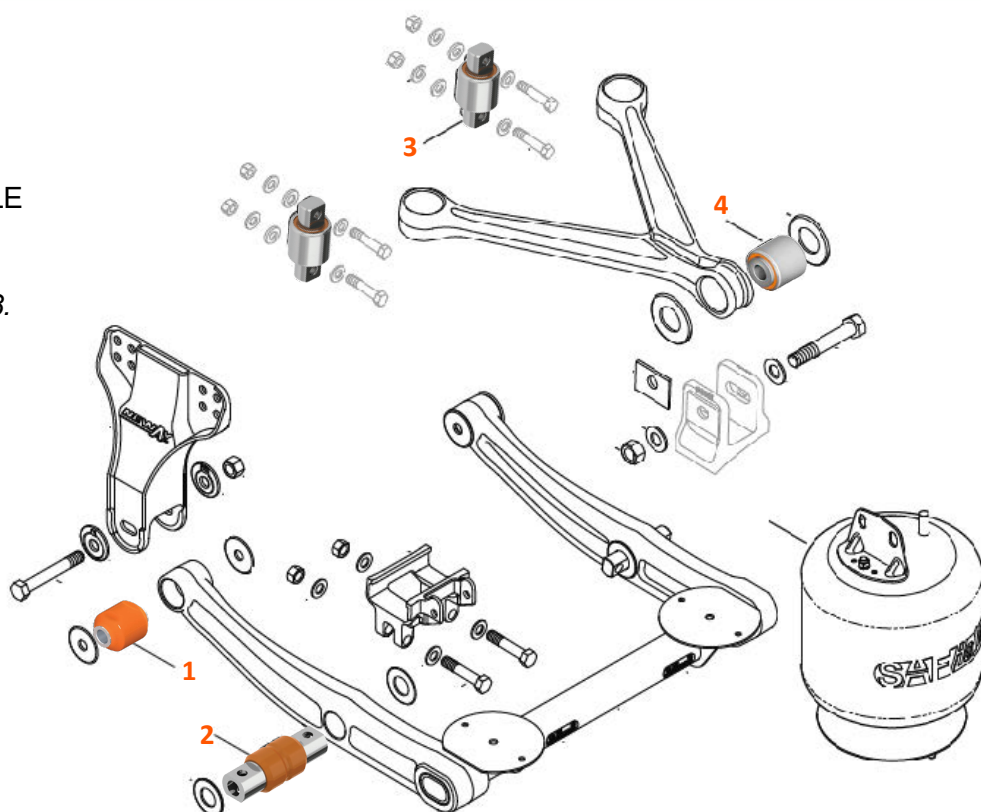
1.14538 FRONT PIVOT BUSH
Suit ADZ-123/126/246/252/369/378.

2.14536 AXLE BUSH - PIN/BAR STYLE
Suit ADZ-123/126/246/252/369/378.

3.13520 TORQUE ROD BUSH - OEM STYLE
11729 TORQUE ROD BUSH - STRESS
RELIEF DESIGN
Suit ADZ-123/126/246/252/369/378.
(Refer Tech Pub TP-0024A)

18551 INSTALL & REMOVAL TOOL
Suit OEM & GAFF **13520** & **11729**.

4.14537 V-ROD BUSH
Suit ADZ-123/126/246/252/369/378.





FRONT MOTOR MOUNT BARRY STYLE MOUNT

11615


OEM# K066-404, K066-405, K066-406,
K066-407, K066-423, D13-1012

I.D. 21 mm 1 UPPER MOUNT
O.D.1 51 mm 1 LOWER MOUNT
O.D.2 89 mm
B.H. 3/4" UNF

FRONT MOTOR MOUNT KIT BARRY STYLE MOUNT

11762


OEM# K066-404, K066-405, K066-406,
K066-407, K066-423, D13-1012

I.D. 21 mm 2x **11615** MOUNTS
O.D.1 51 mm INCLUDES BOLTS,
O.D.2 89 mm NUTS & WASHERS
B.H. 3/4" UNF

FRONT MOTOR MOUNT BUTTON STYLE MOUNT

11613


OEM# K066-229, M700NR, AV018TRP

I.D. 19 mm
O.D.1 53 mm
O.D.2 97 mm
H. 65 mm

REAR MOTOR MOUNT KIT BARRY STYLE MOUNT

11760


OEM# K066-377, K066-391, K066-421,
D13-1001-2, D13-1001-4, AV024TRP

I.D. 21 mm
B.H. 3/4" UNF

REAR MOTOR MOUNT BUTTON STYLE MOUNT SUIT C5 & K2 SERIES (SOME)

11614


OEM# K066-247, M506-70NR,
AV026TRP

I.D. 16 mm **11614** HEIGHT
W. 50 mm IS 59 MM
L.G. 141 mm **11539** HEIGHT
B.H. 5/8" IS 65 MM

REAR MOTOR MOUNT KIT BUTTON STYLE MOUNT SUIT C5 & K2 SERIES (SOME)

11837


OEM# K066-247, M506-70NR,
AV026TRP

I.D. 16 mm 2x **11614** MOUNTS
W. 50 mm INCLUDES BOLTS,
L.G. 141 mm NUTS & WASHERS
B.H. 5/8" UNF

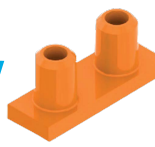
REAR MOTOR MOUNT

11535


OEM# K174-456, K174-555

W. 51 mm
H. 55 mm
L.G. 114 mm

REAR MOTOR MOUNT BUTTON STYLE MOUNT SUIT T4, T6 & T9 SERIES (SOME)

mmрoф


OEM# K066-2ун, Улсснфсї
Улсснoнлї AV02pTRP

I.D. 16 mm **11539** HEIGHT
W. 53 mm IS 65 MM
L.G. 146 mm **11614** HEIGHT
B.H. 5/8" IS 59 MM

REAR MOTOR MOUNT KIT BUTTON STYLE MOUNT SUIT T4, T6 & T9 SERIES (SOME)

mmMCM


OEM# K066-2ун, Улсснфсї
Улсснoнлї AV02pTRP

I.D. 16 mm 2x **11539** MOUNTS
W. 53 mm INCLUDES BOLTS,
L.G. 146 mm NUTS & WASHERS
B.H. 5/8" UNF

MOTOR MOUNT

11707


OEM# M501, M501-70NR

H. 51 mm
O.D.1 41 mm
O.D.2 64 mm
B.H. 5/8"

HOOD GUIDE

11545


SUIT T3, T4, T6, T9, C5 SERIES
(SOME)

OEM# K179-499

H. 98 mm
O.D.1 38 mm
O.D.2 81 mm
B.H. 1/2" UNC

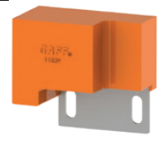
ANTI-VIBRATION MOUNT VARIOUS HOOD, CAB, RADIATOR & FUEL TANK BRACES

11705


OEM# K066-176, K066-250,
M600, AV012TRP

H. 60 mm
O.D.1 46 mm
O.D.2 76 mm
B.H. 5/8"

HOOD SUPPORT - RHS SUIT T4, T6, T9 & C5 SERIES (SOME)

11839


OEM# R85-1236R, K278-1342R, AV017TRP

H. 57.9 mm RIGHT HAND SIDE
W.D. 107.2 mm
L.G. 100.1 mm LEFT HAND SIDE
L.G.C-C 60.3 mm IS **11840**

HOOD SUPPORT - LHS SUIT T4, T6, T9 & C5 SERIES (SOME)

11840


OEM# R85-1236, K278-1342, AV017TRP

H. 57.9 mm LEFT HAND SIDE
W.D. 107.2 mm
L.G. 100.1 mm RIGHT HAND SIDE
L.G.C-C 60.3 mm IS **11839**

HOOD SUPPORT SUIT T360, T410, T410SAR T610, T610SAR

11848


OEM# L85-6081

L.G. 129.3 mm
W. 93.7 mm
H. 58.7 mm

HOOD SUPPORT - RHS SUIT T3 SERIES (SOME)

11857


OEM# R85-1237R, R85-1252R, R85-1160R

H. 34.0 mm RIGHT HAND SIDE
W.D. 80.2 mm
L.G. 80.1 mm LEFT HAND SIDE
L.G.C-C 30.3 mm IS **11858**

HOOD SUPPORT - LHS SUIT T3 SERIES (SOME)

11858


OEM# R85-1237, R85-1252, R85-1160

H. 34.0 mm LEFT HAND SIDE
W.D. 80.2 mm
L.G. 80.1 mm RIGHT HAND SIDE
L.G.C-C 30.3 mm IS **11857**

HOOD ROLLER BUSH

11805


OEM# K066-360, 13-04391

I.D. 17.5 mm
O.D. 28.6 mm
L.G. 38.1 mm

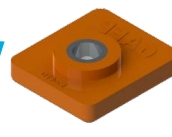
HOOD HINGE BUSH - UPPER SUIT T360, T410, T410SAR T610, T610SAR

11860


OEM# L13-6006

B.H. 3/4" UPPER BUSH
W.D. 50.8 mm
L.G. 118.1 mm LOWER BUSH
H. 15.9 mm IS **12410**

HOOD HINGE BUSH - LOWER SUIT T360, T410, T410SAR T610, T610SAR

12410


OEM# 13-04164

I.D. 12.7 mm LOWER BUSH
W.D. 50.8 mm
L.G. 57.1 mm UPPER BUSH
H. 15.9 mm IS **11860**

HOOD HINGE ROLLER SUIT T360, T410, T410SAR T610, T610SAR

12367


OEM# L13-6018, 13-03440, 13-04588

I.D. 12.7 mm
O.D. 33.3 mm
L.G. 50.8 mm

HOOD HINGE BUSH - UPPER

11843


OEM# K066-463, K066-516

B.H. 3/4" UPPER BUSH
H. 38.1 mm
L.G.C-C 55.6 mm LOWER BUSH
IS **11844**

HOOD HINGE BUSH - LOWER

11844


OEM# K066-462, K066-517

B.H. 3/4" LOWER BUSH
H. 50.8 mm
L.G.C-C 55.6 mm UPPER BUSH
IS **11843**

ANTI-VIBRATION MOUNT VARIOUS HOOD, EXHAUST, CAB AIR INTAKE

11544


OEM# CB1121-10, K066-218, K066-338
M300-70NR, **11709**

I.D. 13.5 mm 32MM TALL
O.D.1 31.7 mm
O.D.2 44.5 mm 35MM TALL
H. 31.8 mm STYLE IS **11709**



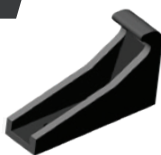
HOOD LATCH - HOOK

SUIT T3, T360, T410, T610 SERIES

11097

OEM# L03-0001, AV014TRP

W.D. 25.4 mm HOOD LATCH STRAP
L.G. 90.4 mm IS **12365**
H. 53.9 mm HOOD LATCH ASSY
IS **11134**



HOOD LATCH - STRAP

SUIT T3, T360, T410, T610 SERIES

12365

OEM# L56-0001, AV014TRP

HOOD LATCH HOOK
L.G. 225.4 mm IS **11097**
HOOD LATCH ASSY
IS **11134**



HOOD LATCH ASSEMBLY

SUIT T3, T360, T410, T610 SERIES

11134

OEM# L56-0001, AV014TRP

HOOD LATCH ASSEMBLY
INCLUDES **12365** WITH BRACKET



BATTERY BOX - LATCH

10024

OEM#

L.G. 149.2 mm



HOOD LATCH - STRAP

SUIT T403, T608, T609 (SOME)
FRANNA CRANE

11768

OEM# 37-99-344, 37-41-295-60

L.G. 273.0 mm



HOOD LATCH - STRAP

SUIT C5, T4, T6, T9, T410SAR, T610SAR

11543

OEM# K147-107, K147-106, K147C106

L.G. 230.9 mm



CAB & RADIATOR MOUNT

BUTTON STYLE MOUNT

11612

OEM# K066-177, K066-229
M500-70NR

I.D. 15.8 mm
O.D.1 39.6 mm
O.D.2 65.8 mm
H. 52.3 mm



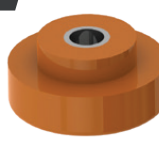
RADIATOR MOUNT

BUTTON STYLE MOUNT

M1523

OEM# K066-228, K066-251
M601-70NR

I.D. 15.8 mm
O.D.1 46.0 mm
O.D.2 73.0 mm
H. 33.3 mm



ANTI-VIBRATION MOUNT

VARIOUS HOOD, EXHAUST, CAB
AIR INTAKE

M1709

OEM# K066-218, K066-338
M300-70NR, **11544**

I.D. 13.5 mm
O.D.1 29.3 mm
O.D.2 44.5 mm
H. 34.9 mm

35MM TALL
32MM TALL
STYLE IS **11544**



RADIATOR STAY BUSH KIT

SUIT SIDE STAY BAR / BRACE

11548

OEM# K264-84, K221-4992

I.D. 12.7 mm KIT INCLUDES
O.D. 41.2 mm 1x LOWER MOUNT
H. 34.9 mm 1x UPPER MOUNT



CHARGED AIR COOLER MOUNT

11554

OEM# M200-70EP

I.D. 10.3 mm
O.D.1 21.4 mm
O.D.2 25.4 mm
H. 25.4 mm



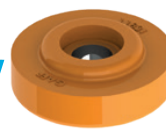
RADIATOR STAY BUSH

SUIT TOP STAY BAR / BRACE

11831

OEM# J-8006-10

I.D. 16.6 mm
O.D.1 40.4 mm
O.D.2 63.5 mm
H. 20.6 mm



EXHAUST BUSHING KIT

SUIT T610

11811

OEM# M13-1009, M13-6001, M13-6004

KIT INCLUDES
1x **11810** SHAFT ASSEMBLY & E-CLIPS
1x **11812** SHAFT BUSHINGS
1x **11809** EXHAUST MOUNT



CAB MOUNT

BARRY STYLE MOUNT

34515

OEM# 512-3NS

I.D. 19.8 mm H. 76.2 mm
O.D.1 64.2 mm L.G. 157.1 mm
O.D.2 85.7 mm W.D. 93.6 mm
L.G.C-C 127.0 mm



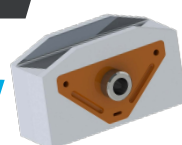
CAB MOUNT

COFFIN STYLE MOUNT

18949

OEM# K066-498

I.D. 17.4 mm H. 91.2 mm
W.D. 57.1 mm L.G. 157.9 mm
L.G.C-C 115.0 mm

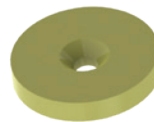


TRANSMISSION SPACER

11726

OEM# K221-3941-08, E80-1012-008

I.D. 7.9 mm 8 MM TALL
O.D. 48.4 mm
H. 7.9 mm 24 MM TALL
STYLE IS **11771**



TRANSMISSION SPACER

11771

OEM# K221-3694

I.D. 7.9 mm 24 MM TALL
O.D. 48.4 mm
H. 23.8 mm 8 MM TALL
STYLE IS **11726**



FUEL TANK CAP GASKET

18320

OEM# 12105, 12105GTD, 90-00334

I.D. 72.2 mm
O.D. 88.9 mm
T.K. 2.3 mm



SHOCK ABSORBER BUSH

SUIT FRONT STEER AXLE

30507

OEM# 73D2002, M401754

I.D. 25.4 mm
O.D.1 38.8 mm
O.D.2 48.4 mm
H. 23.8 mm



SPRING PIN BUSH - FRONT

11753

SUIT T410, T410SAR, T610, T610SAR
(U-BOLT MOUNT TYPE ONLY)

OEM# K179-559, 5295, B65-1006
B65-1002, B65-1017-001

O.D.1 26.9 mm FRONT OF FRONT
O.D.2 44.4 mm SPRING ONLY
L.G. 203.2 mm REAR OF FRONT
L.G. C-C 160.3 mm SPRING IS **11758**



TOOLING AVAILABLE

SPRING PIN BUSH - REAR

11758

SUIT T3, T4, T6, T9, C5, K SERIES
(REAR OF FRONT SPRING ONLY)

OEM# K179-537, K179-378, 5295, B65-1005
B65-1002, B65-1001, B65-1017-003

O.D.1 26.9 mm REAR OF FRONT
O.D.2 44.4 mm SPRING ONLY
L.G. 185.7 mm
L.G. C-C 146.0 mm



TOOLING AVAILABLE

SPRING PIN SHACKLE

ALLOY SHACKLE - OFFSET

18601

OEM# K209-59, K209-96, K209-77, K209-55
K209-84, K209-54, K209-89, **11778**

W.D. 44.4 mm
T.K. 38.8 mm
L.G. 163.5 mm
L.G.C-C 101.6 mm



SPRING PIN SHACKLE

ALLOY SHACKLE - STRAIGHT

18602

OEM# K209-82, K209-87, K209-75, K209-36
K209-83, B20-1007, B20-1008, **11759**

W.D. 44.4 mm
T.K. 31.8 mm
L.G. 163.5 mm
L.G.C-C 101.6 mm



SPRING PIN BUSH TOOL

INSTALL & REMOVAL TOOL

40090

DESIGNED TO REMOVE THE OEM
BUSH AND INSTALL GAFF **11753**,
11757, **11758**, **11767** & **11820**
CORRECTLY WITH EASE



SUSPENSION PRODUCTS



To suit
Kenworth & DAF



SHOCK ABSORBER BUSH

11550

SUIT AIRGLIDE SUSPENSION
DAF & KENWORTH

OEM# K066-266, K066-310

I.D. . 15.8 mm
O.D.1 25.4 mm
O.D.2 50.8 mm
H. 25.4 mm



SWAY BAR BUSH

11502

SUIT AIRGLIDE AG100
(STANDARD BUSH)

OEM# K066-058, K066-293, K066-449

I.D. . 50.8 mm
O.D. 73.0 mm
L.G. 101.6 mm



SWAY BAR BUSH

11743

SUIT AIRGLIDE AG200, 400, 460, 690
(58MM BAR) DAF & KENWORTH

OEM# C13-1005, K066-460, K066-477

I.D. . 57.1 mm
O.D. 78.5 mm
L.G. 73.0 mm



TRUNNION BUSH

11501

SUIT KW6-50 BIG 6 SUSPENSION

OEM# K066-318, K066-232

I.D. . 101.6 mm
O.D. 127.0 mm
L.G. 123.0 mm



TORQUE ROD / SWAYBAR BUSH

13520

SUIT AIRGLIDE AG100, 200, 400, 460, 690
NEWAY AD & ADZ SERIES

OEM# 227720, 839310, 836940
TRB68250

B. H 5/8" O.E.M. STYLE
O.D. 70 mm 3/4" B.H IS **13528**
L.G. C-C 111 mm EASY MOUNT
STYLE IS **83520**



TOOLING AVAILABLE

TORQUE ROD BUSH

13528

AD 123, 126, 246, 252, 369, 378

OEM# 49210, 49210-000
64400-005, 66649-005

B. H 3/4" 5/8" BOLT VERSION
O.D. 70 mm IS **13520**
L.G. C-C 111 mm



TOOLING AVAILABLE

TORQUE ROD ASSEMBLY

11080

SUIT AIRGLIDE AG100

OEM# K195-376, 935720, 935720AA

L.G. 609 mm O.E.M. VERSION
TORQUE ROD BAR **11754**
FITTED WITH **13520** & **13518** BUSH



SWAY BAR PIN & BUSH KIT

11733

SUIT AIRGLIDE AG200
DAF & KENWORTH

OEM# K066-461, K179-531, K345-5156
K207-1165, K207-1085, K198-1242, K198-1243

KIT INCLUDES
1x **11736** SWAY BAR PIN
1x **11734** SWAY BAR PIN WASHER
2x **11737** GREASE/DUST COVERS



SWAY BAR BUSH

11719

SUIT AIRGLIDE AG100
(OVERSIZED BUSH WITH TABS)

OEM# K066-058, K066-293, K066-449

I.D. . 49.2 mm
O.D. 73.0 mm
L.G. 101.6 mm



TORQUE ROD BUSH

13518

SUIT NEWAY AD 123, 126, 246, 252, 369
NEWAY AD 378 AIRGLIDE AG100

OEM# 229610, 944270, 925150

T.H. 1-1/4" UNF
O.D. 70 mm
L.G. 204 mm



TOOLING AVAILABLE

TORQUE ROD BUSH

11511

SUIT KW6-50 BIG 6 SUSPENSION

OEM# K195-415-13, 24476-000

B. H 5/8"
O.D. 88.9 mm
L.G. C-C 111.1 mm



TORQUE ROD / SWAYBAR BUSH

83520

SUIT AIRGLIDE AG100, 200, 400, 460, 690
NEWAY AD & ADZ SERIES

OEM# 227720, 839310, 836940
TRB68250

B. H 5/8" EASY MOUNT DESIGN
O.D. 70 mm HIGH ARTICULATION
L.G. C-C 111 mm 360 DEGREE
ROTATION



TOOLING AVAILABLE

TORQUE ROD / SWAYBAR BUSH

13536

SUIT AIRGLIDE AG100, 200, 400, 460, 690
NEWAY AD & ADZ SERIES

OEM#

B. H 5/8" **13520** WITHOUT
O.D. 70 mm METAL SLEEVE
L.G. C-C 111 mm



TOOLING AVAILABLE

TORQUE ROD ASSEMBLY

11835

SUIT AIRGLIDE AG100

OEM# K195-376, 935720, 935720AA

L.G. 609 mm EASY-MOUNT VERSION
TORQUE ROD BAR **11754**
FITTED WITH **83520** & **13518** BUSH



SWAY BAR PIN REPAIR KIT

11766

SUIT AIRGLIDE AG200
DAF & KENWORTH

OEM# K066-461, K179-531, K345-5156
K207-1165, K207-1085, K198-1242, K198-1243

KIT INCLUDES
1x **11733** SWAY BAR PIN KIT
(PIN, WASHER, DUST COVERS)
1x SWAY BAR END / CARRIER



SWAY BAR BUSH

11720

SUIT AIRGLIDE AG200 (54MM BAR)
DAF & KENWORTH

OEM# C13-1004, K066-450, K066-478

I.D. . 54.7 mm
O.D. 77.7 mm
L.G. 71.4 mm



TORQUE ROD BUSH

13533

SUIT NEWAY AD 123, 126, 246, 252, 369
NEWAY AD 378 AIRGLIDE AG100

OEM# 229610, 944270, 925150

T.H. 1-1/4" UNF **13518** WITHOUT
O.D. 70 mm METAL SLEEVE
L.G. 204 mm



TOOLING AVAILABLE

TORQUE ROD BUSH

11514

SUIT KW6-50 BIG 6 SUSPENSION

OEM# K195-415-13, K066-259, 932420

B. H 5/8"
O.D. 105 mm
L.G. C-C 111 mm



TORQUE ROD BUSH

11729

SUIT AIRGLIDE AG200, 400, 460, 690
NEWAY ADZ123, 126, 246, 252, 369

OEM# 900-08-265, 90008265

Refer Tech Pub #TP-0024A

B. H 5/8" STRESS RELIEF STYLE
O.D. 69 mm TORQUE ROD ONLY
L.G. C-C 111 mm O.E.M. STYLE BUSH
IS **13520**



TOOLING AVAILABLE

TORQUE ROD ASSEMBLY

11773

SUIT AIRGLIDE AG200, 400, 460, 690

OEM# K195-472, K195-474,

L.G. 504 mm
TORQUE ROD BAR **11770**
FITTED WITH **11729** BUSH



TORQUE ROD ASSEMBLY

11751

SUIT AIRGLIDE AG100

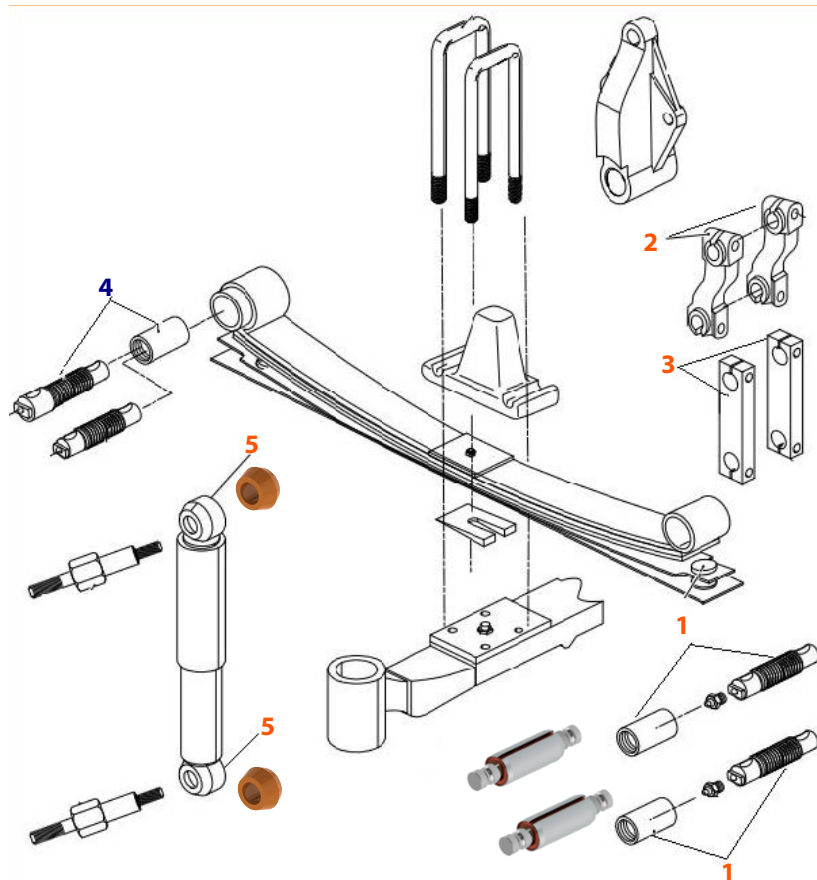
OEM# K195-374, K195-375, 944270

L.G. 609 mm
TORQUE ROD BAR **11754**
FITTED WITH **13520** BUSH





KENWORTH STEER



1. GAFF single piece encapsulated pin & bush design replaces the old grease-able threaded pin & bush style.

40090 Install/Removal tool for OEM & GAFF Pins.

11767 is 138mm long from centre to centre of notches.

11758 is 146mm long from centre to centre of notches.

11753 is 160mm long from centre to centre of notches.

2. 18601 suits Offset Shackle style.

3. 18602 suits Straight Shackle style.

4. See Note 1 for Pin/Bush Length, If your model runs Pinch Bolt design you will need to use OEM threaded pin & bush style.

5. 30507 suit all Steer Axle Shocks Absorbers (4 per shock).

BIG 6 SUSPENSION

1. TRUNNION BUSH 11501

2. LOWER TORQUE ROD

TORQUE ROD BUSH **11511** IS 3-1/2" BUSH O.D.

TORQUE ROD BUSH **11514** IS 4-1/8" BUSH O.D.

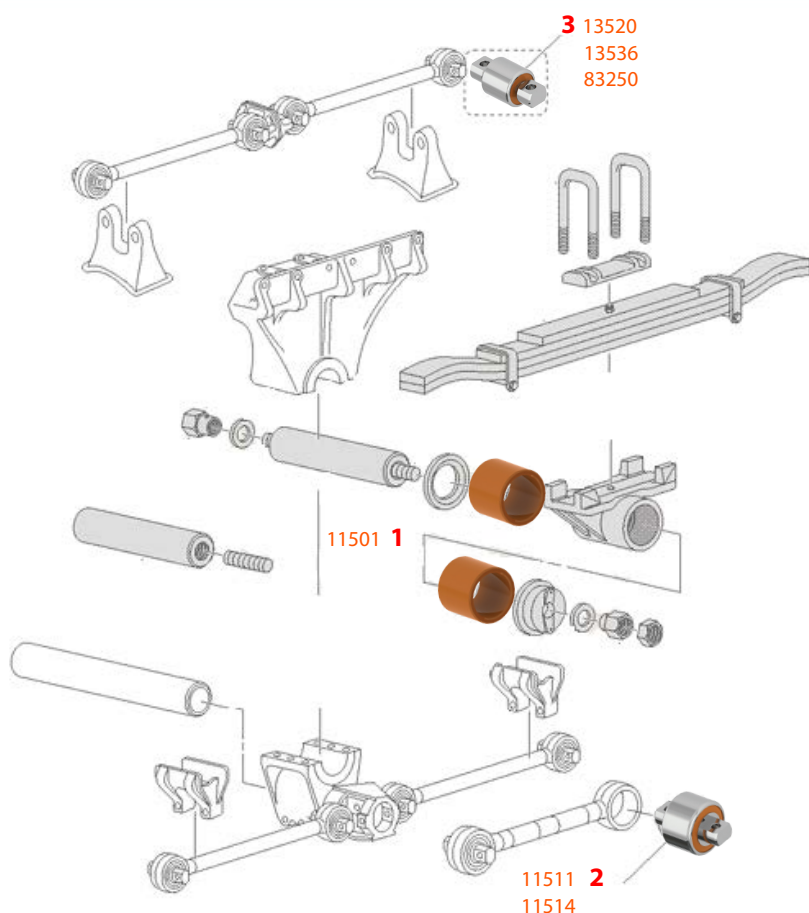
3. UPPER TORQUE ROD

TORQUE ROD BUSH **13520** STANDARD OEM DESIGN

TORQUE ROD BUSH **13536** SLEEVELESS BUSH DESIGN

TORQUE ROD BUSH **83520** EASY MOUNT, FREE ROTATION DESIGN

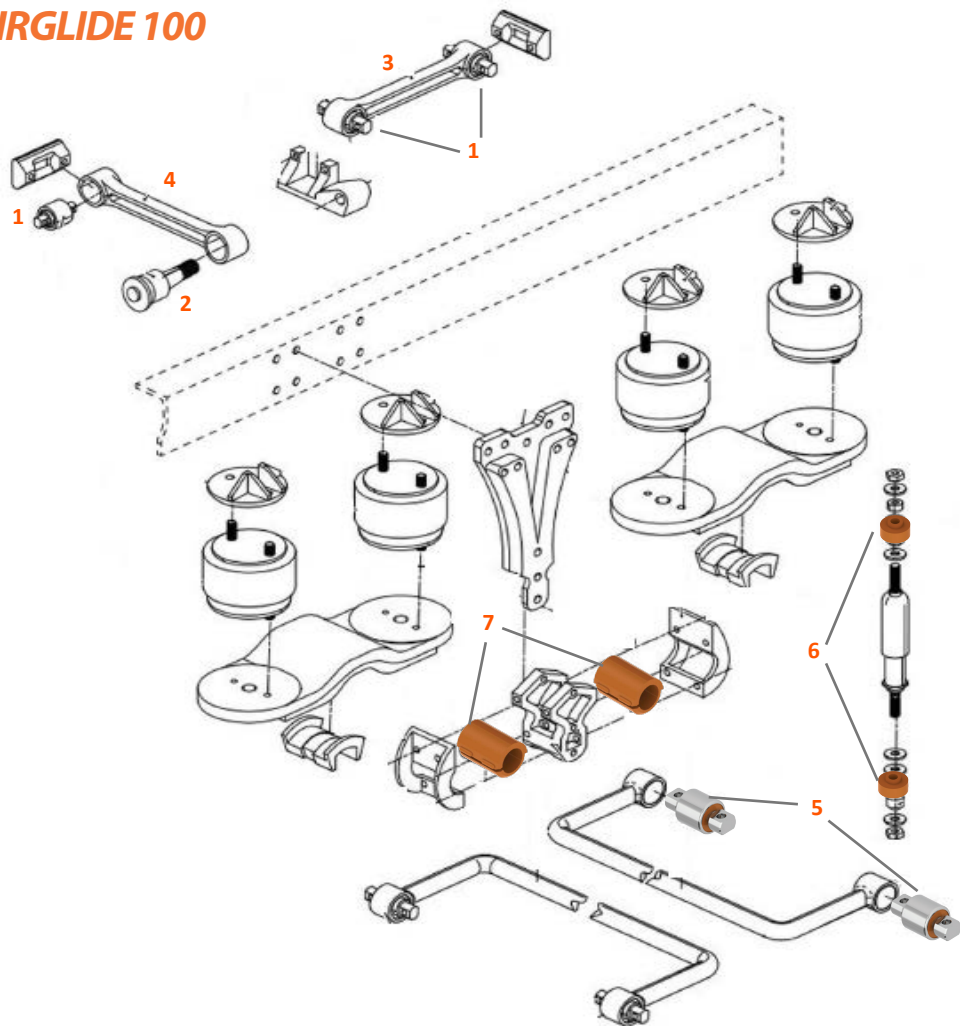
INSTALL & REMOVAL TOOL IS **18551**





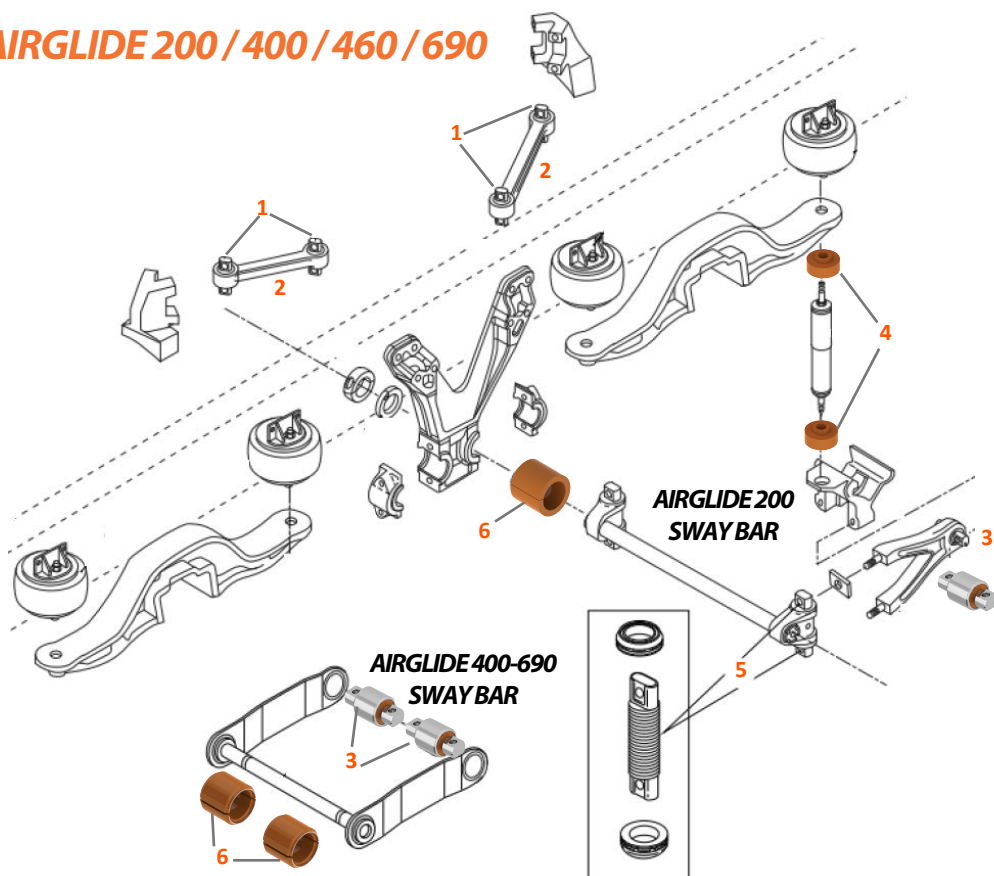
AIRGLIDE 100

- TORQUE ROD BUSH **13520** IS A FIXED BUSH LIKE OEM
TORQUE ROD BUSH **83520** IS A EASY MOUNT DESIGN
INSTALL & REMOVAL TOOL IS **18551**
- TORQUE ROD BUSH **13518** TAPERED DESIGN
- TORQUE ROD ASSEMBLY **11751**
COMPLETE TORQUE ROD WITH **13520** INSTALLED
- TORQUE ROD ASSEMBLY **11080**
COMPLETE TORQUE ROD WITH **13520** & **13518**
TORQUE ROD ASSEMBLY **11835**
COMPLETE TORQUE ROD WITH **83520** & **13518**
- SWAY BAR BUSH **13520** IS A FIXED BUSH LIKE OEM
SWAY BAR BUSH IS **83520** IS EASY MOUNT DESIGN
INSTALL & REMOVAL TOOL IS **18551**
- SHOCK ABSORBER BUSH IS **11550**
4 REQUIRED PER SHOCK ABSORBER
- SWAY BAR BUSH **11502** SUITS STANDARD
SWAY BAR BUSH **11719** SUITS OVERSIZED WITH TABS



AIRGLIDE 200 / 400 / 460 / 690

- TORQUE ROD BUSH **11729**
HIGH ARTICULATION DESIGN FOR VERTICAL MOUNTS
INSTALL & REMOVAL TOOL IS **18551**
- TORQUE ROD ASSEMBLY **1773**
COMPLETE TORQUE ROD WITH **11729** INSTALLED
- SWAY BAR BUSH **13520** IS A FIXED BUSH LIKE OEM
SWAY BAR BUSH **83520** IS A EASY MOUNT DESIGN
INSTALL & REMOVAL TOOL IS **18551**
- SHOCK ABSORBER BUSH IS **11550**
4 REQUIRED PER SHOCK ABSORBER
- SWAY BAR PIN & BUSH KIT IS **11733**
SWAY BAR REPAIR KIT IS **11766**
- SWAY BAR BUSH **11720** SUITS 54MM SWAY BAR SWAY
BAR BUSH **11743** SUITS 58MM SWAY BAR





FRONT MOTOR MOUNT KIT 11074

SUIT FREIGHTLINER, STERLING & WESTERN STAR

OEM# BCD26704-1, BCD27651-1, BCD28945-1
01-33963-000, 01-33964-000, J21246-13

B.H. 3/4" 1 UPPER MOUNT
W.D. 82.5 mm 1 LOWER MOUNT
L.G. 184.1 mm
L.G.C-C 101.6 mm



FRONT MOTOR MOUNT KIT 11090

SUIT FREIGHTLINER, STERLING & WESTERN STAR

OEM# BCD26704-1, BCD27651-1, BCD28945-1
01-33963-000, 01-33964-000, J21246-13

B.H. 3/4" 1x HARDWARE KIT
W.D. 82.5 mm 1x LOWER MOUNT
L.G. 184.1 mm 1x UPPER MOUNT
L.G.C-C 101.6 mm



FRONT MOTOR MOUNT 11116

SUIT FREIGHTLINER CASCADIA

OEM# J-21247-4, J21247-21, J21246-60

B.H. 5/8" 1x HARDWARE KIT
W.D. 84.1 mm 1x LOWER MOUNT
L.G. 185.7 mm 1x UPPER MOUNT
L.G.C-C 101.6 mm

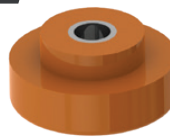


REAR MOTOR MOUNT - LOWER 11523

SUIT WESTERN STAR

OEM# 12004-3401, 144917156380
04-9009996

I.D. 15.8 mm LOWER MOUNT
O.D.1 46.0 mm REQUIRE 2
O.D.2 73.0 mm UPPER MOUNT
H. 33.3 mm IS 12301



REAR MOTOR MOUNT - UPPER 12301

SUIT WESTERN STAR

OEM# 12004-3402, 144917168930
04-9009997

I.D. 15.8 mm UPPER MOUNT
W.D. 76.2 mm
L.G. 158.75 mm LOWER MOUNT
H. 31.7 mm IS 11523



MOTOR MOUNT 11707

SUIT FREIGHTLINER & WESTERN STAR

OEM# CBA28-1050, CBA28-1050-1

I.D. 15.8 mm
O.D.1 40.4 mm
O.D.2 63.5 mm
H. 50.8 mm



REAR MOTOR MOUNT 11077

SUIT FREIGHTLINER & STERLING

OEM# BCD28805-1, BCD27477-2
BCD27330-1, BCD27330-2

I.D. 20.6 mm 1 UPPER MOUNT
W.D. 76.2 mm 1 LOWER MOUNT
L.G. 250.8 mm
L.G.C-C 211.1 mm



REAR MOTOR MOUNT KIT MM089

SUIT FREIGHTLINER & STERLING

OEM# BCD28805-1, BCD27477-2
BCD27330-1, BCD27330-2

KIT INCLUDES
1x HARDWARE KIT (BOLTS, NUTS, WASHERS)
2x UPPER MOUNTS
2x LOWER MOUNTS



REAR MOTOR MOUNT MM065

SUIT FREIGHTLINER FL SERIES

OEM# J20941-4, J20941-5, J20941-6
J20941-7 J20941-67, J20941-36

I.D. 16.6 mm
W.D. 60.3 mm
L.G. 137.3 mm
H. 76.2 mm



REAR MOTOR MOUNT - INSERT 11149

OLD STYLE - LORD MOUNT
SUIT FREIGHTLINER

OEM# J26185-28

H. 73.8 mm
W.D. 134.1 mm
L.G. 231.7 mm
T.H. 3/4" UNC



TOOLING AVAILABLE

REAR MOTOR MOUNT - INSERT 11179

NEW STYLE - TRELLEBORG MOUNT
SUIT FREIGHTLINER & WESTERN STAR

OEM# 01-34070-000, 01-34070-001
01-34505-000, 01-35313-000, 01-35313-001

H. 71.4 mm
W.D. 142.8 mm
L.G. 223.0 mm
T.H. M18 x 1.5



TOOLING AVAILABLE

REAR MOTOR MOUNT ASSEMBLY 11191

NEW STYLE - TRELLEBORG MOUNT
SUIT FREIGHTLINER CASCADIA

OEM# 01-34070-000, 01-35313-000



FRONT MOTOR MOUNT KIT 11018

SUIT FREIGHTLINER

OEM# 01-15047-000, SSB3310017, SB3310018
TLB1337155, TLB1337145

I.D. 19.0 mm KIT INCLUDES
O.D. 82.5 mm 1x LOWER MOUNT
H. 57.1 mm 1x UPPER MOUNT
1x SLEEVE



FRONT MOTOR MOUNT KIT 11113

SUIT FREIGHTLINER FL SERIES

OEM# J19791-1, J19791-3, J20120-4
A680-241-02-18, 01-33243-000

I.D. 19.8 mm KIT INCLUDES
O.D.1 95.2 mm 1x 11095 MOUNT
O.D.2 100.0 mm 1x 11112 MOUNT
H. 100.0 mm



FRONT MOTOR MOUNT 18102

SUIT WESTERN STAR

OEM# 12005-3403, 05-169192, 660551
CB1125-4, 04-9009991

I.D. 19.5 mm
O.D.1 55.5 mm
O.D.2 92.0 mm
H. 62.7 mm



MOTOR MOUNT 11725

SUIT FREIGHTLINER

OEM# CBA24-650-17, CBA24-650-50A
CBA24650

I.D. 15.8 mm
O.D.1 38.1 mm
O.D.2 60.3 mm
H. 53.1 mm



CAB MOUNT 11705

SUIT WESTERN STAR

OEM# CB1124-2, CB1124-4, CB1124-5
66001-3403, 05-14794

I.D. 15.8 mm
O.D.1 46.0 mm
O.D.2 76.2 mm
H. 60.3 mm

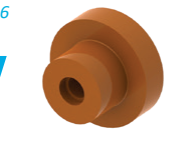


CAB & RADIATOR MOUNT 11533

SUIT WESTERN STAR

OEM# 12005-3414, 04-9009990, J6210-46
M602-70NR

I.D. 15.8 mm
O.D.1 46.0 mm
O.D.2 76.2 mm
H. 49.2 mm



CAB MOUNT - LOWER 11008

SUIT FREIGHTLINER

OEM# A6818910001, SB33310017A
18-43637-000, 681-891-00-01

I.D. 30.1 mm
O.D. 95.2 mm
H. 33.3 mm



CAB MOUNT - UPPER 11009

SUIT FREIGHTLINER

OEM# A6818900001, SB33310017B
18-43636-000, 681-890-00-01

I.D. 19.0 mm
O.D.1 64.2 mm
O.D.2 96.0 mm
H. 65.0 mm



CAB MOUNT KIT 11086

SUIT FREIGHTLINER

OEM# 11008, 11009, 11093

KIT INCLUDES
1x HARDWARE KIT (BOLTS, NUTS, WASHERS)
2x 11008 LOWER MOUNTS
2x 11009 UPPER MOUNT



HOOD HINGE BUSH 11019

SUIT FREIGHTLINER

OEM# J17700-5, J17002, 17-20709-000

I.D. 12.7 mm
O.D. 34.9 mm
L.G. 55.5 mm



HOOD GUIDE 11020

SUIT FREIGHTLINER

OEM# A17-10464-001

I.D. 12.7 mm
O.D.1 47.6 mm
O.D.2 101.6 mm
H. 76.2 mm



HOOD GUIDE 11177

SUIT FREIGHTLINER CASCADIA
WESTERN STAR 47X, 48X, 49X

OEM# A17-20868-000, A18-59704-000
A17-21590-000, A17-21590-001

I.D. 12.7 mm
O.D. 111.9 mm
H. 76.9 mm





RADIATOR MOUNT KIT SUIT FREIGHTLINER & WESTERN STAR

11021

OEM# S-19782, 05-16070-000, A6815040082
681-504-00-82

I.D. . 22.2 mm KIT INCLUDES
O.D.1 38.1 mm 1x LOWER MOUNT
O.D.2 75.4 mm 1x UPPER MOUNT
H. 46.0 mm 1x SLEEVE



CAB & HOOD MOUNT KIT SUIT FREIGHTLINER & WESTERN STAR

M8015

OEM# 67009-3442, CB2202-12
18-41025-000

I.D. . 13.4 mm KIT INCLUDES
O.D. 47.6 mm 1x LOWER MOUNT
1x UPPER MOUNT



BATTERY BOX LATCH

M0024

OEM#

L.G. 149.2 mm



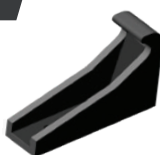
HOOD LATCH - HOOK

11097

SUIT FREIGHTLINER, STERLING
WESTERN STAR (FENDER)

OEM# 17-14781-000, 681-887-24-14

W.D. 25.4 mm HOOD LATCH STRAP
L.G. 90.4 mm IS **12365**
H 53.9 mm HOOD LATCH ASSY
IS **11134**



HOOD LATCH - STRAP

12365

SUIT FREIGHTLINER, STERLING
WESTERN STAR (FENDER)

OEM# 67101-3417

L.G. 225.4 mm HOOD LATCH HOOK
IS **11097**
HOOD LATCH ASSY
IS **11134**



HOOD LATCH ASSEMBLY

11134

SUIT FREIGHTLINER, STERLING
WESTERN STAR (FENDER)

OEM# 67101-3417

HOOD LATCH ASSEMBLY
INCLUDES **12365** WITH BRACKET



HOOD LATCH - HOOK

11096

SUIT FREIGHTLINER, STERLING
WESTERN STAR (BONNET)

OEM# 17-12434-000

W.D. 53.1 mm HOOD LATCH STRAP
L.G. 123.8 mm IS **11102**
H 25.4 mm HOOD LATCH ASSY
IS **11176**



HOOD LATCH - STRAP

11102

SUIT FREIGHTLINER, STERLING
WESTERN STAR (BONNET)

OEM# 67101-3419, 17-12438-000

L.G. 277.8 mm HOOD LATCH HOOK
IS **11096**
HOOD LATCH ASSY
IS **11176**



HOOD LATCH ASSEMBLY

11176

SUIT FREIGHTLINER, STERLING
WESTERN STAR (BONNET)

OEM# 67101-3419, 17-12438-000

HOOD LATCH ASSEMBLY
INCLUDES **11102** WITH BRACKET



HOOD LATCH - STRAP

11768

SUIT STERLING & FRANNA CRANE

OEM# 37-99-344, 37-41-295-60

L.G. 273.0 mm



CLUTCH BAR BUSH

11118

SUIT FREIGHTLINER

OEM# OE ROD A02-13100-002
A02-13110-002

I.D. . 12.7 mm
O.D.1 35.7 mm
O.D.2 38.1 mm
H. 25.4 mm



EXHAUST & HOOD MOUNT

11544

SUIT FREIGHTLINER & WESTERN STAR

OEM# CB1121-10, M300-70NR

I.D. . 13.4 mm
O.D.1 31.7 mm
O.D.2 44.4 mm
H. 31.7 mm



FRONT SPRING PIN BUSH

11066

SUIT FREIGHTLINER & WESTERN STAR
HENDRICKSON AIRTEK

OEM# 16-17769-000, A6803220150
680-322-01-50

I.D. 19.0 mm OEM STYLE
O.D. 57.1 mm UPGRADE TO
L.G. 107.9 mm BUSH **11094** &
SHACKLE **18600**



TOOLING AVAILABLE

FRONT SPRING PIN BUSH

11094

SUIT FREIGHTLINER & WESTERN STAR
HENDRICKSON AIRTEK

OEM# 837560, 16-21919-000, 16-18023-000
16-14603-000, 16-17194-000, 16-17770-000

O.D.1 31.7 mm
O.D.2 57.1 mm
L.G. C-C 136.5 mm



TOOLING AVAILABLE

FRONT SPRING SHACKLE

18600

SUIT FREIGHTLINER & WESTERN STAR
HENDRICKSON AIRTEK

OEM# 16-11890-000, 16-11890-001
16-11890-002

W.D. 50.8 mm
T.K. 25.4 mm
L.G. 197.6 mm
L.G.-C 134.9 mm



SHOCK ABSORBER BUSH

30507

SUIT FRONT STEER AXLE

OEM# 73D2002, M401754, 37302-3403
16-10722-000, 16-10722-001, 16-10722-002

I.D. . 25.4 mm
O.D.1 38.8 mm
O.D.2 48.4 mm
H. 23.8 mm



FRONT SPRING MOUNT

31624

SUIT WESTERN STAR 2800 (SOME)
STERLING (SOME)

OEM# A16-15303-000, A16-15773-000

W.D. . 130.1 mm
H. 134.9 mm
L.G. 192.8 mm
L.G.-C 150.0 mm



SPRING PIN BUSH TOOL

11069

INSTALL & REMOVAL TOOL

DESIGNED TO REMOVE THE
OEM BUSH AND INSTALL
GAFF **11005** & **11083**
CORRECTLY WITH EASE



DRIVE SPRING PIN BUSH

11005

SUIT ALL AIRLINER SUSPENSION

OEM# 16-18035-000, 16-22080-000, 681-325-01-50
16-13962-000, 681-325-02-50

B. H 13/16" OEM STYLE
O.D. 63.5 mm ANTI-WALK STYLE
L.G. C-C 146.0 mm IS **11083**



TOOLING AVAILABLE

DRIVE SPRING PIN BUSH

11083

SUIT ALL AIRLINER SUSPENSION

OEM# 16-18035-000, 16-22080-000, 681-325-01-50
16-13962-000, 681-325-02-50

B. H 13/16" ANTI-WALK STYLE
O.D. 63.5 mm
L.G. C-C 146.0 mm



TOOLING AVAILABLE

SPRING PIN BUSH TOOL

11161

INSTALL & REMOVAL TOOL

DESIGNED TO REMOVE THE
OEM BUSH AND INSTALL
GAFF **11005** & **11083**
CORRECTLY WITH EASE



TORQUE ROD BUSH

13521

SUIT AIRLINER 40K SUSPENSION

OEM# 47691, 47691-000

B. H 5/8" OEM STYLE
O.D. 51 mm ANTI-WALK STYLE
L.G. C-C 112 mm IS **11004**



TORQUE ROD BUSH

11004

SUIT AIRLINER 40K SUSPENSION

OEM# 47691, 47691-000

B. H 5/8" ANTI-WALK STYLE
O.D. 51 mm
L.G. C-C 112 mm



TORQUE ROD ASSEMBLY

11081

SUIT AIRLINER 40K SUSPENSION

OEM# 16-16749-000, 16-16749-002, 681-326-72-16
16-18972-000, 16-21340-001

L.G. 615 mm

TORQUE ROD BAR **11081**
FITTED WITH **11004** BUSH





TORQUE ROD BUSH

SUIT AIRLINER 46K SUSPENSION
NEWAY AD & ADZ SERIES

13520

OEM# 44695, 44695-000
227720, IPC227720

B. H 5/8" EASY MOUNT
O.D. 70 mm STYLE IS **83520**
L.G. C-C 111 mm



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT AIRLINER 46K SUSPENSION
NEWAY AD & ADZ SERIES

83520

OEM# 44695, 44695-000
227720, IPC227720

B. H 5/8" EASY MOUNT DESIGN
O.D. 70 mm HIGH ARTICULATION
L.G. C-C 111 mm 360 DEGREE
ROTATION



TOOLING AVAILABLE

TORQUE ROD ASSEMBLY

SUIT AIRLINER 46K SUSPENSION

11152

OEM# 16-15632-00, TR46-41000

L.G. 622 mm

TORQUE ROD BAR **11156**
FITTED WITH **13520** BUSH



TORQUE ROD BUSH

SUIT AIRLINER 46K SUSPENSION
NEWAY AD & ADZ SERIES

13536

OEM#

B. H 5/8" **13520** WITHOUT
O.D. 70 mm METAL SLEEVE
L.G. C-C 111 mm



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT NEWAY AD 123, 126, 246, 252, 369
NEWAY AD 378

13528

OEM# 49210, 49210-000
64400-005, 66649-005

B. H 3/4" 5/8" BOLT VERSION
O.D. 70 mm IS **13520**
L.G. C-C 111 mm



TOOLING AVAILABLE

TORQUE ROD BUSH TOOL

INSTALL & REMOVAL TOOL

18551

DESIGNED TO REMOVE THE OEM BUSH
AND INSTALL GAFF **11729**, **13520**,
13528, **13536** & **83520**
CORRECTLY WITH EASE



TORQUE ROD BUSH

SUIT NEWAY AD 123, 126, 246, 252, 369
NEWAY AD 378

13518

OEM# 229610, 944270, 92515

T.H. 1-1/4" UNF
O.D. 70 mm
L.G. 204 mm



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT NEWAY AD 123, 126, 246, 252, 369
NEWAY AD 378

13533

OEM# 229610, 944270, 92515

T.H. 1-1/4" UNF **13518** WITHOUT
O.D. 70 mm METAL SLEEVE
L.G. 204 mm



TOOLING AVAILABLE

TORQUE ROD BUSH TOOL

INSTALL & REMOVAL TOOL

13584

DESIGNED TO REMOVE THE OEM BUSH
AND INSTALL GAFF **13518** & **13533**
CORRECTLY WITH EASE



TORQUE ROD ASSEMBLY

SUIT AIRLINER 46K SUSPENSION
NEWAY AD SERIES

13683

B. H 5/8" TUBE END ASSEMBLY
L.G. 189 mm FITTED WITH **13520**
L.G. C-C 111 mm EASY MOUNT
VERSION IS **13790**



TORQUE ROD ASSEMBLY

SUIT AIRLINER 46K SUSPENSION
NEWAY AD SERIES

13790

B. H 5/8" TUBE END ASSEMBLY
L.G. 189 mm FITTED WITH **83520**
L.G. C-C 111 mm EASY MOUNT
VERSION



TORQUE ROD ASSEMBLY

AD 123, 126, 246, 252, 369, 378

13686

OEM# 46630, 66630, 928630
66630-000, IPC928630

T. H 1-1/4" UNF TUBE END ASSEMBLY
L.G. 189 mm FITTED WITH **13518**



TORQUE ROD ASSEMBLY

SUIT AIRLINER 46K SUSPENSION
NEWAY AD SERIES

13691

B. H 5/8" ROD END ASSEMBLY
L.G. 624 mm FITTED WITH **13520**
L.G. C-C 111 mm EASY MOUNT
VERSION IS **13789**



TORQUE ROD ASSEMBLY

SUIT AIRLINER 46K SUSPENSION
NEWAY AD SERIES

13789

B. H 5/8" ROD END ASSEMBLY
L.G. 624 mm FITTED WITH **83520**
L.G. C-C 111 mm EASY MOUNT
VERSION



TORQUE ROD BUSH

SUIT TUFTRAC SUSPENSION

11162

OEM# 80480078000

B. H 29/32" KIT INCLUDES
O.D. 100 mm 1x CIRCLIP KIT
L.G. C-C 174.6 mm 1x BUSH



TORQUE ROD BUSH

SUIT TUFTRAC SUSPENSION

11163

OEM# 062-480-041-000

B. H 21/32" KIT INCLUDES
O.D. 74.6 mm 1x CIRCLIP KIT
L.G. C-C 111.1 mm 1x BUSH



TORQUE ROD BUSH

SUIT TUFTRAC SUSPENSION

11166

OEM#

B. H 29/32" KIT INCLUDES
O.D. 84.9 mm 1x CIRCLIP KIT
L.G. C-C 174.6 mm 1x BUSH



BOLSTER SPRING

SUIT TUFTRAC SUSPENSION

11159

OEM# 16-15010-000

H. 115.8 mm
W.D. 139.7 mm
L.G. 269.0 mm
L.G. C-C 192.0 mm



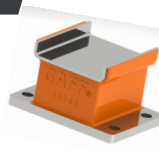
SPRING INSULATOR - UPPER

SUIT TUFTRAC SUSPENSION

11164

OEM# 11-19581-000, 11-22805-000
11-20808-000

H. 62.7 mm
W.D. 100.0 mm
L.G. 128.5 mm



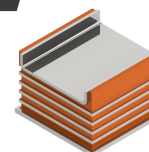
SPRING INSULATOR - LOWER

SUIT TUFTRAC SUSPENSION

11165

OEM# 11-20807-000

H. 55.5 mm
W.D. 100.0 mm
L.G. 100.0 mm

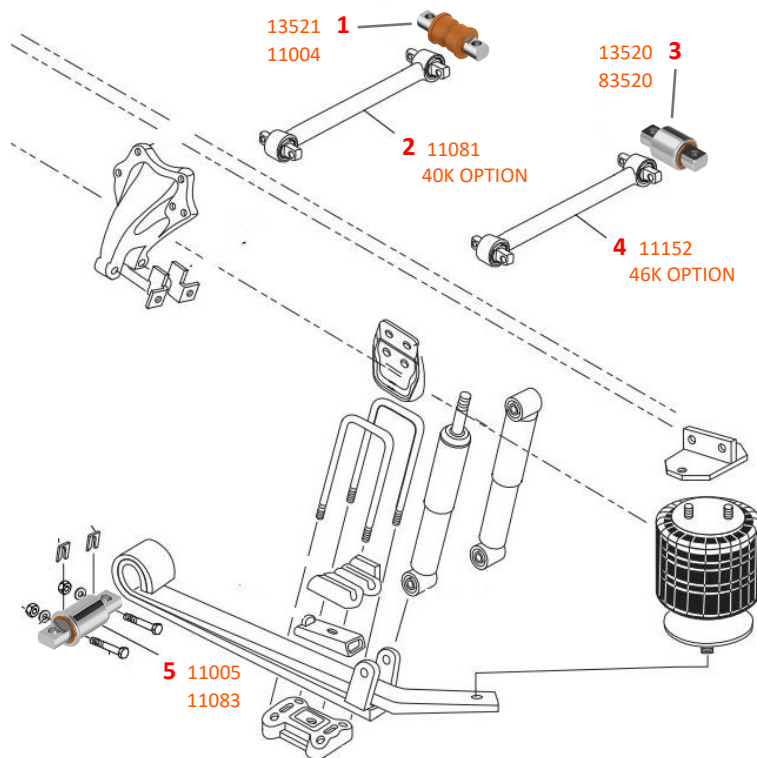




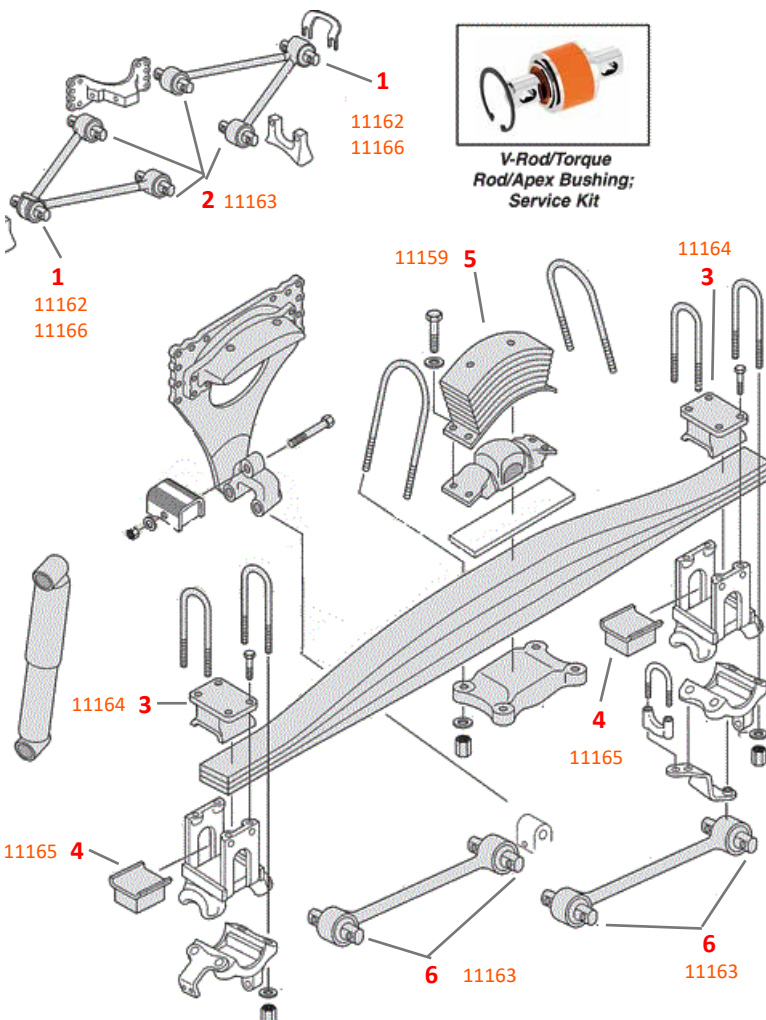
FAS AIRLINER I & II

1. TORQUE ROD BUSH **13521** STANDARD OEM DESIGN (40,000 lbs)
TORQUE ROD BUSH **11004** ANTI-WALK DESIGN (40,000 lbs)
2. TORQUE ROD ASSEMBLY **11081** (40,000 lbs)
COMPLETE TORQUE ROD WITH **11004** BUSHES
3. TORQUE ROD BUSH **13520** STANDARD OEM DESIGN (46,000 lbs)
TORQUE ROD BUSH **83520** EASY MOUNT FREE ROTATION DESIGN (46,000 lbs)
INSTALL & REMOVAL TOOL IS **18551**
4. TORQUE ROD ASSEMBLY **11152** (46,000 lbs)
COMPLETE TORQUE ROD WITH **13520** BUSHES
5. DRIVE SPRING PIN BUSH **11005** STANDARD OEM DESIGN
DRIVE SPRING PIN BUSH **11083** ANTI-WALK DESIGN
INSTALL & REMOVAL TOOL IS **11161**

IT'S ADVISED TO UPGRADE 40,000 LBS TORQUE RODS TO 46,000 LBS WHEN POSSIBLE, Refer 32-51 Freightliner Service Bulletin.

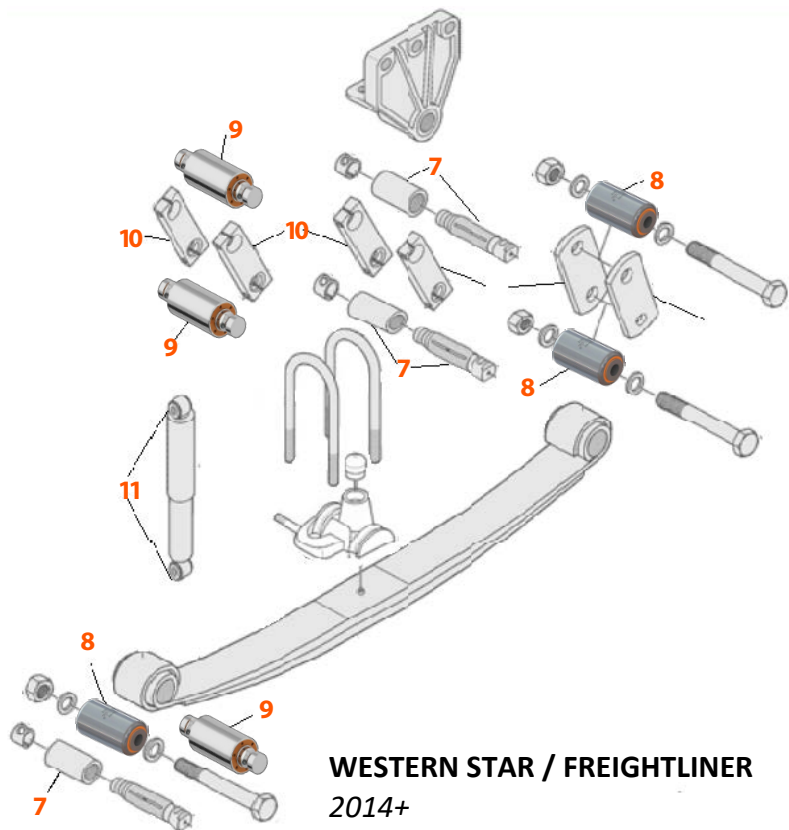


FAS TUFTRAC SUSPENSION



1. UPPER V-ROD / TORQUE ROD BUSH **11162** IS 100MM O.D. BUSH
UPPER V-ROD / TORQUE ROD BUSH **11166** IS 85MM O.D. BUSH
2. UPPER V-ROD / TORQUE ROD BUSH **11163**
3. UPPER SPRING INSULATOR **11164**
4. LOWER SPRING INSULATOR **11165**
5. BOLSTER SPRING **11159**
6. LOWER TORQUE ROD BUSH **11163**

DTNA STEER SPRING ASSEMBLY



WESTERN STAR / FREIGHTLINER 2014+

7. Threaded Pin & Bush design, need to upgrade to **11094** design.
8. OEM rubber bush & bolt style replace bush with **11066** Bush or upgrade to **11094** design. **11168** Install/Removal Tool for OEM & GAFF Bush.
9. OEM Encapsulated Rubber Bush & Pin design, replace with **11094** Bush & Pin design. **11168** Install/Removal Tool for OEM & GAFF Bush.
10. **18600** replaces all previous OEM Shackle designs.
11. **30507** replacement Steer Axle Shock Bushes, 2 piece design (4 per shock).

SUSPENSION PRODUCTS



To suit
CAT Trucks, IVECO & International



FRONT MOTOR MOUNT

SUIT 1000, 1600, 2500, 2600, 3200 - 3800
4000 - 4900, 7100, 8200, 8300

34509

OEM# 5801893942, 5801896897, 1664726C2
1664723C3, 1664723C5, **34507**

1x **34569** UPPER MOTOR MOUNT
1x **34593** LOWER MOTOR MOUNT

FRONT MOTOR MOUNT KIT IS **34526**



FRONT MOTOR MOUNT KIT

SUIT 1000, 1600, 2500, 2600, 3200 - 3800
4000 - 4900, 7100, 8200, 8300

34526

OEM# 5801893942, 5801896897, 1664726C2
1664723C3, 1664723C5, **34507**

KIT INCLUDES
1x HARDWARE KIT (BOLTS, NUTS, WASHERS)
2x **34569** UPPER MOTOR MOUNT
2x **34593** LOWER MOTOR MOUNT



FRONT MOTOR MOUNT

SUIT INTERNATIONAL WITH CUMMINS

11536

OEM# 127426, 3261788R1

I.D. 21.4 mm
O.D.1 57.1 mm
O.D.2 93.7 mm
L.G. 63.5 mm



REAR MOTOR MOUNT

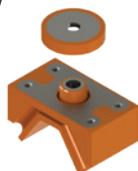
SUIT INTERNATIONAL ACCO

34500

OEM# 1664728C1, 1664728C2,
5801893941, 5801896897

1x **34508** UPPER MOTOR MOUNT
1x **34593** LOWER MOTOR MOUNT

REAR MOTOR MOUNT KIT IS **34524**



REAR MOTOR MOUNT KIT

SUIT INTERNATIONAL ACCO

34524

OEM# 1664728C1, 1664728C2,
5801893941, 5801896897

KIT INCLUDES
1x HARDWARE KIT (BOLTS, NUTS, WASHERS)
2x **34508** UPPER MOTOR MOUNT
2x **34593** LOWER MOTOR MOUNT



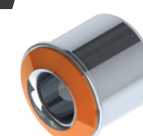
REAR MOTOR MOUNT

SUIT INTERNATIONAL WITH CUMMINS

10075

OEM# 503579C1, 507569C91, 503837C1

I.D. 38.1 mm
O.D. 76.2 mm
L.G. 76.2 mm



REAR MOTOR MOUNT

SUIT 5500i-5900i, 7600, 7700, 8100, 8600
9100-9900, PROSTAR & CAT TRUCKS

34510

OEM# 1664730C5, 1664729C1, 1664724C3
20147772C2, 364-8878, 3648878

1x **34510** UPPER MOTOR MOUNT
1x **34522** LOWER MOTOR MOUNT

REAR MOTOR MOUNT KIT IS **34525**



REAR MOTOR MOUNT KIT

SUIT 5500i-5900i, 7600, 7700, 8100, 8600
9100-9900, PROSTAR & CAT TRUCKS

34525

OEM# 1664730C5, 1664729C1, 1664724C3
20147772C2, 364-8878, 3648878

KIT INCLUDES
1x HARDWARE KIT (BOLTS, NUTS, WASHERS)
2x **34510** UPPER MOTOR MOUNT
2x **34522** LOWER MOTOR MOUNT



SPIDER JAW COUPLING

SUIT CUMMINS & DETROIT

17509

OEM# 101920, 109859, 162426, 3046200
23505249, DDC23505249

I.D. 32.5 mm
O.D. 84.1 mm
T.K. 23.8 mm

INJECTOR PUMP FUEL PUMP COUPLING



REAR MOUNT / TRANS MOUNT

SUIT INTERNATIONAL

10503

OEM# 470031, 470031C2, 4003053
1811, EE14003053

I.D. 15.8 mm
O.D.1 38.1 mm
O.D.2 71.4 mm
L.G. 61.1 mm



REAR MOUNT / TRANS MOUNT

SUIT INTERNATIONAL

10505

OEM# 479237C1, 583955C1, 4170
14003030, 14003052

I.D. 15.8 mm
O.D.1 39.7 mm
O.D.2 76.9 mm
L.G. 66.6 mm



SHIFTER BUSH KIT

SUIT EATON TRANSMISSION ROAD RANGER

11611

OEM# K-3399, K3399, 21244, 3311

I.D. 21 mm
O.D. 38 mm
H. 59 mm

PRE-DRILLED BUSH INCLUDES PIN & BUSH KIT



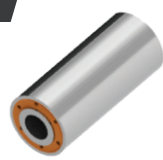
FRONT SPRING BUSH

SUIT INTERNATIONAL PROSTAR & CAT TRUCKS

34511

OEM# 3525665C1, 4C405348BA
4C425348BA

I.D. 19.0 mm
O.D. 46.8 mm
L.G. 107.1 mm



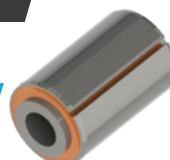
FRONT SPRING BUSH

SUIT INTERNATIONAL 7600, 9400 & HENDRICKSON

34550

OEM# 3533233C1, 82033, 82033-000

I.D. 25.4 mm
O.D. 63.5 mm
L.G. 107.9 mm



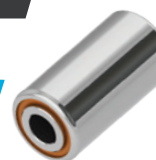
EQUALIZER BUSH

SUIT INTERNATIONAL 8100, 9200 & HENDRICKSON

13513

OEM# 497501C2, 10QK260, **13577**

I.D. 25.4 mm
O.D. 63.5 mm
L.G. 119.8 mm



CAB MOUNT

SUIT INTERNATIONAL

34515

OEM# 3515345C1, 351345C2, 3515345C3
27980-1/E, 512-SNS

I.D. 19.8 mm
O.D.1 64.2 mm
O.D.2 85.7 mm
L.G.C-C 127.0 mm

H. 76.2 mm
L.G. 157.1 mm
W.D. 93.6 mm



CAB MOUNT

SUIT INTERNATIONAL PROSTAR & CAT TRUCKS

34552

OEM# 3595976C5, 3595976C4
433-2272, 4332272

I.D. 15.8 mm
O.D. 73.0 mm
L.G. 83.3 mm



TORSION BAR BUSH

SUIT INTERNATIONAL, CHALMERS TRUCK 800 & CHALMERS TRAILER 700 & 1000

11739

OEM# 1515966C1, 800010, 800010CS1
22128, 22128CS1, 10QK399

I.D. 68.8 mm
O.D.1 88.9 mm
O.D.2 107.9 mm
L.G. 105.5 mm

LONGER LIFE ONE-PIECE DESIGN



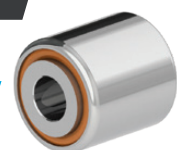
TORQUE ROD BUSH

SUIT INTERNATIONAL SUSPENSION

13514

OEM# 45477, 322069C1, 322069C91

I.D. 28.6 mm
O.D. 76.2 mm
L.G. 82.5 mm



TORQUE ROD BUSH

SUIT INTERNATIONAL SUSPENSION

13515

OEM# 476991, 47699-001, 73073-1
438506C1, 438506C91

B.H. 13/16"
O.D. 76.2 mm
L.G.C-C 144.5 mm



TORQUE ROD BUSH

SUIT INTERNATIONAL SUSPENSION

13516

OEM# 46736, 64400-010
1693070C1

I.D. 28.6 mm
O.D. 69.8 mm
L.G. 82.5 mm



UNIVERSAL STYLE STRAP BATTERY BOX LATCH

10024

OEM#

L.G. 150 mm



HOOD LATCH ASSEMBLY

SUIT INTERNATIONAL S LINE & 4900, 7100, 8300, 8600

10506

OEM# 499523C3, 16899930C91

L.G. 203.2 mm

O.E IS STRAP ONLY



HOOD LATCH KIT

SUIT INTERNATIONAL PROSTAR & CAT TRUCKS

34590

OEM# 3544924C1, 3544925C2

L.G. 318.2 mm
W.D. 60.3 mm

KIT INCLUDES 1x **34548** STRAP 1x **34549** LATCH



SUSPENSION PRODUCTS



To suit
Mack & Volvo

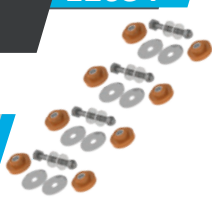


TRANSMISSION MOUNT KIT 12034

SUIT MACK TRANSMISSION

OEM# 2045X216

KIT INCLUDES
8x **12000** TRANSMISSION MOUNTS
4x 3/4" x 6-1/4" BOLTS
8x NUTS & WASHERS

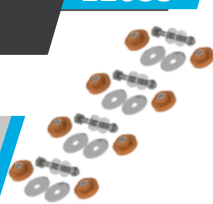


TRANSMISSION MOUNT KIT 12035

SUIT MACK WITH EATON FULLER
& ALLISON TRANSMISSION

OEM# 2045X389

KIT INCLUDES
8x **12000** TRANSMISSION MOUNTS
4x 3/4" x 5" BOLTS
8x NUTS & WASHERS

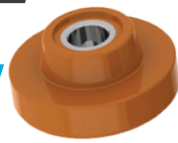


TRANSMISSION MOUNT 12000

SUIT MACK

OEM# 20QL1118A, 20QL1175, 25167342

I.D. 19.0 mm
O.D.1 50.8 mm
O.D.2 82.5 mm
L.G. 37.3 mm



MOTOR MOUNT KIT 12002

SUIT MACK

OEM# 20QL2110, 20QL258

I.D. 23.0 mm 1x UPPER MOUNT
O.D. 88.9 mm 1x LOWER MOUNT



REAR MOTOR MOUNT 12023

SUIT MACK

OEM# 20QK324M, 20QL324M

I.D. 22.2 mm
O.D.1 58.7 mm
O.D.2 98.8 mm



REAR MOTOR MOUNT 12372

SUIT MACK CH & GRANITE

OEM# 20QL338M

B.H. 3/4" UNF
W.D. 88.9 mm
L.G.C-C 265.1 mm

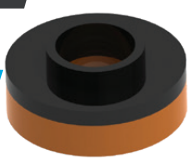


FRONT MOTOR MOUNT 12046

SUIT MACK

OEM# 20QL312M2, 25164179
20QL313M, **12047**

I.D. 17.4 mm
O.D.1 36.5 mm
O.D.2 68.2 mm
L.G. 29.3 mm



FRONT MOTOR MOUNT KIT 12045

SUIT MACK CH

OEM# 20QL322, 20QL329, 25164809
25172757

I.D. 15.8 mm 1x UPPER MOUNT
W.D. 76.2 mm 1x LOWER MOUNT
L.G. 170.6 mm
L.G.C-C 95.25 mm

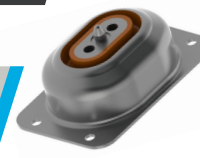


FRONT MOTOR MOUNT 12326

SUIT VOLVO F7, F10, FH10, FH12
FH16, FM10, FM12

OEM# 1622825, 20503551, 20503550

W.D. 158.7 mm
H. 110.3 mm
L.G. 158.7 mm
L.G.C-C 210.3 mm



AIR COOLER MOUNT KIT 12049

SUIT MACK

OEM# 20QL37P3, PAI-4678

I.D. 9.5 mm 1x UPPER MOUNT
O.D. 32.5 mm 1x LOWER MOUNT
H. 26.9 mm



RADIATOR MOUNT KIT 12026

SUIT MACK

OEM# 25121334, 20QL295M
14003030, 14003052

I.D. 15.8 mm 1x UPPER MOUNT
O.D. 63.5 mm 1x LOWER MOUNT
H. 63.5 mm



RADIATOR MOUNT KIT 12032

SUIT MACK

OEM# 25154049, 20QL259A

I.D. 14.2 mm 1x UPPER MOUNT
O.D. 47.6 mm 1x LOWER MOUNT
H. 46.0 mm

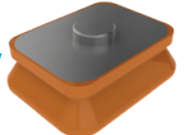


LOAD SPRING - UPPER 12006

SUIT CAMELBACK SS34, SS38, SS44

OEM# 10QK1065A, 10QK365A
25121508

W.D. 110.3 mm
L.G. 166.6 mm
H. 60.3 mm



LOAD SPRING - UPPER 12010

SUIT CAMELBACK SS34, SS38, SS44

OEM# 10QL370, 25115012, 25192117

W.D. 131.7 mm
L.G. 165.1 mm
H. 76.2 mm



LOAD SPRING - LOWER 12014

SUIT CAMELBACK SS34, SS38, SS44

OEM# 10QK36B, 10QK36C, 10QK386B
10QK388, 21036254, 25125064

W.D. 177.8 mm
L.G. 181.7 mm
H. 96.0 mm



LOAD SPRING KIT 12036

SUIT CAMELBACK SS34, SS38, SS44

OEM#

KIT INCLUDES
1x HARDWARE KIT (BOLTS, NUTS, WASHERS)
4x **12006** UPPER MOUNTS
4x **12014** LOWER MOUNTS



LOAD SPRING KIT 12039

SUIT CAMELBACK SS34, SS38, SS44

OEM#

KIT INCLUDES
1x HARDWARE KIT (BOLTS, NUTS, WASHERS)
4x **12010** UPPER MOUNTS
4x **12014** LOWER MOUNTS



TRUNNION BUSH 12015

SUIT CAMELBACK SS34, SS38, SS44

OEM# 10QK276, 10QK219P2
25154319, 25161976, **12037**

I.D. 87.3 mm
O.D. 119.0 mm
L.G. 159.5 mm

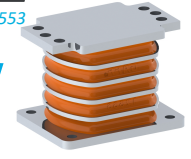


BOLSTER SPRING 12333

SUIT VOLVO T-RIDE

OEM# 1089501, 1577873, 1609657, 1629553
20390836, 20536818, 3090971, 8151413

W.D. 149.2 mm
H. 150.0 mm
L.G. 209.5 mm
L.G.C-C 160.4 mm



CAB / HOOD MOUNT KIT 12004

SUIT MACK

OEM# 20QL2101

I.D. 15.8 mm 1x UPPER MOUNT
O.D.1 34.9 mm 1x LOWER MOUNT
O.D.2 66.6 mm
L.G. 38.1 mm



HOOD GUIDE 11545

SUIT MACK

OEM# 25QM31, 25160970

T.H. 1/2" UNC
O.D.1 38.1 mm
O.D.2 80.9 mm
L.G. 98.4 mm

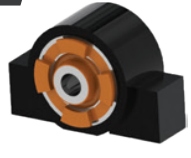


CAB MOUNT ASSEMBLY 12052

SUIT MACK

OEM# 30QS3479AM, 30QS4525M
20975430

I.D. 20.5 mm 20MM BOLT HOLE
O.D. 77.7 mm

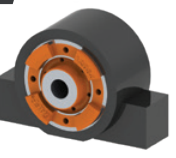


CAB MOUNT ASSEMBLY 12084

SUIT MACK

OEM# 30QS4557AM, 2009147

I.D. 17.4 mm 17MM BOLT HOLE
O.D. 79.3 mm



HOOD LATCH 11768

SUIT MACK

OEM# 3QM313M, 3QM313M2, 25159428

L.G. 273.0 mm

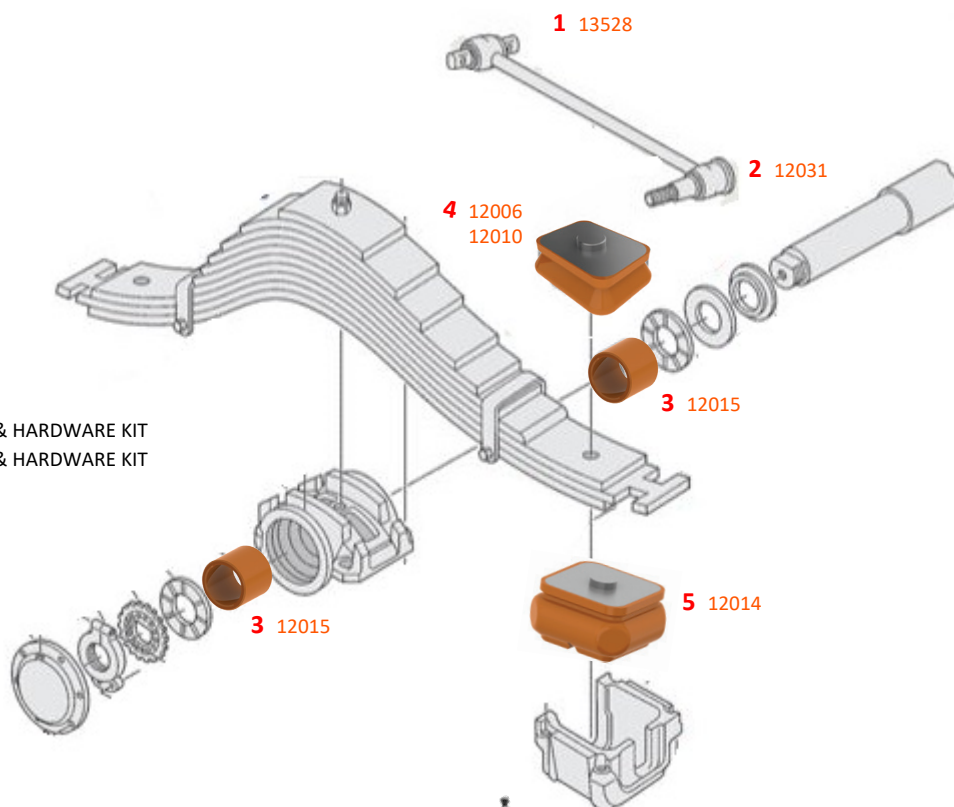




MACK CAMELBACK SS34, SS38, SS44 SUSPENSION

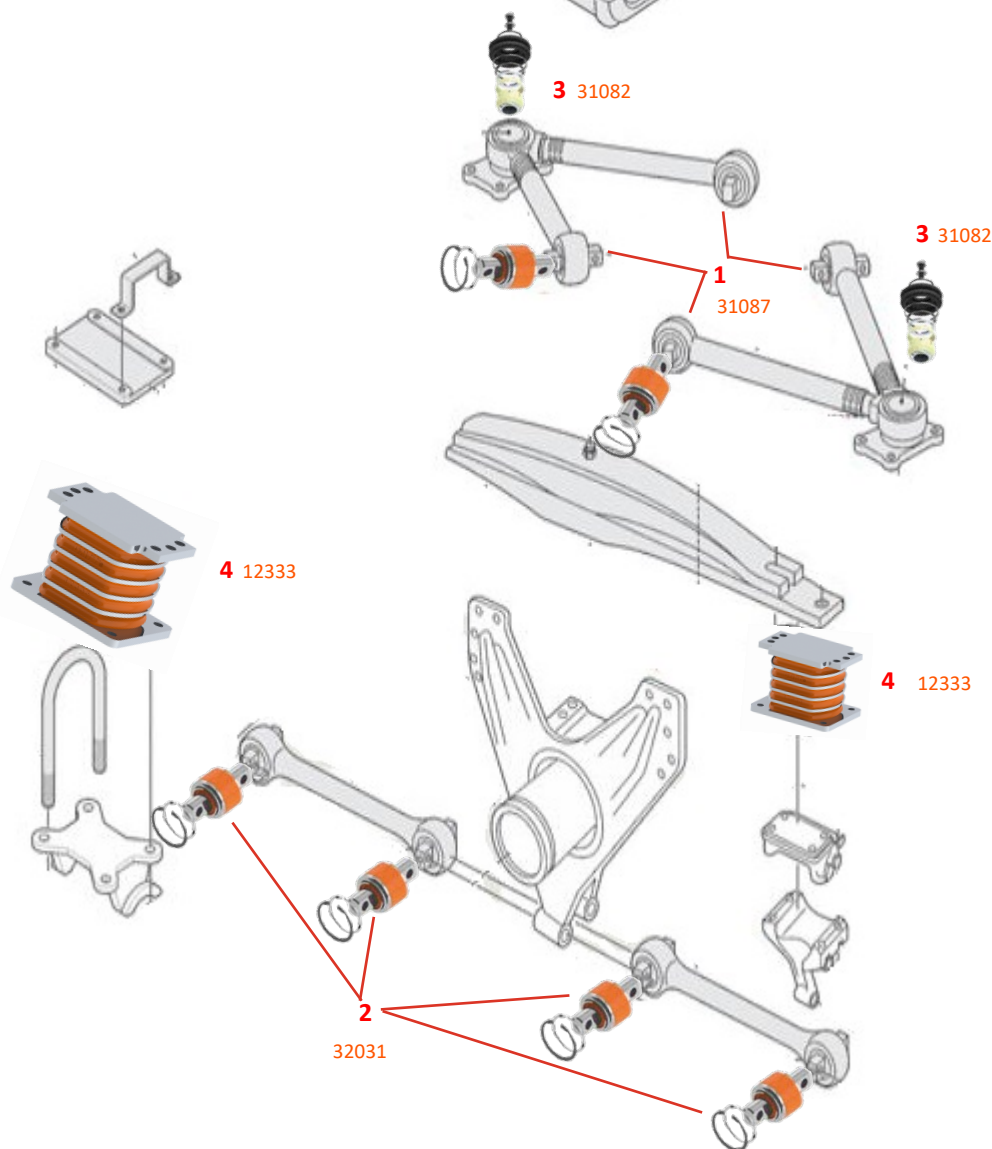
1. TORQUE ROD BUSH **13528** STANDARD OEM DESIGN
INSTALL & REMOVAL TOOL IS **18551**
2. TORQUE ROD BUSH **12031** TAPERED BUSH DESIGN
INSTALL & REMOVAL TOOL IS **13584**
3. TRUNNION BUSH **12015** STANDARD OEM DESIGN
4. UPPER LOAD SPRING **12004** IS 60MM TALL
UPPER LOAD SPRING **12010** IS 76MM TALL
5. LOWER LOAD SPRING **12014** STANDARD

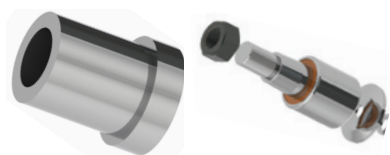
LOAD SPRING KIT **12036** CONTAINS 4x **12004**, 4x **12014** & HARDWARE KIT
LOAD SPRING KIT **12039** CONTAINS 4x **12010**, 4x **12014** & HARDWARE KIT



VOLVO T-RIDE SUSPENSION

1. TORQUE ROD BUSH **31087** OEM DESIGN
2. TORQUE ROD BUSH **32031** OEM DESIGN
3. V-STAY REPAIR KIT **31082**
4. BOLSTER SPRING **12333**

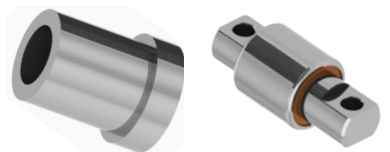




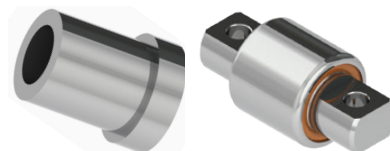
13584
TORQUE ROD BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
12031, 13518 & 13533



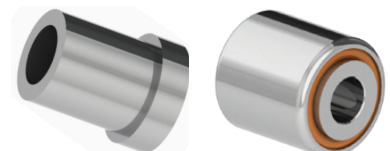
18551
TORQUE ROD BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
11729, 13520, 13528, 13536, 13685, 14537 & 83520



18552
TORQUE ROD BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
11714 & 13618



18553
TORQUE ROD BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
13522 & 83522



13585
TORQUE ROD BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
13514 & 13515



13595
BEAM END BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
13553, 13596, 83596 & 13607



11069
SPRING PIN BUSH INSERT TOOL
INSTALL & REMOVAL TOOL SUIT
11005 & 11083



11161
SPRING PIN BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
11005 & 11083



13581
PIVOT BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
13510, 13565, 13583, 13600, 13628 & 13744



13623
PIVOT BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
13594 & 13736



13800
PIVOT BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
13817 & 18821



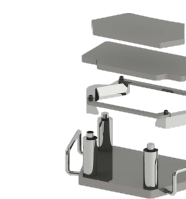
13622
PIVOT BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
13599, 13617, 13752, 13762, 13771 & 13772



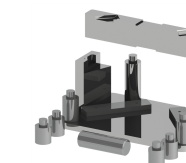
40090
SPRING PIN BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
11060, 11063, 11753, 11757, 11758, 11767, 11802 & 11820



11168
SPRING PIN BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
11066, 11094 & 31134



11175
MOTOR MOUNT TOOL
INSTALL & REMOVAL TOOL SUIT
11149



H11184
MOTOR MOUNT TOOL
INSTALL & REMOVAL TOOL SUIT
11179





SMART MAINTENANCE PROGRAM

50 Times More Powerful Than Ordinary Lubricants

REDUCE FUEL CONSUMPTION

INCREASE PERFORMANCE

EXTEND OIL CHANGES

REDUCE DOWNTIME



Pro-One Solutions for Australia

INDUSTRY: Engineered Timber Product

APPLICATION: Triplex chain drive

PRODUCT: XPL-101 Penetrating Lubricant

OVERVIEW:

If chain was not lubricated, motor would trip out bringing production to a halt and 1 hour of lost time in recovery.

PROBLEM:

Chain lube used previously needed to be re-applied every 2 days. If the lubrication was not applied (resulting in high rates of friction) the current draw on the drive motors would exceed safety limits. This caused the motor to cut out and production to stop



Pro-One Solution:

- XPL-101 Pro-One Penetrating Lubricant applied to chain – application volume reduced by 80% (less product used with better outcomes)
- Reduction in friction resulting from the use of a superior lubricant ensured drive motors were not overloaded avoiding costly failures.
- Motor current draw was originally running at 14 Amps now reduced to just 7 Amps after XPL-101 applied.

Savings Breakdown:

- Lubricant application cycle down from 7 times per fortnight to only 1 = \$50 every 2 days saving = \$350 savings over a 2-week period or \$8,400 a year. (48 production weeks)
- No more interruptions on the production line with elimination of lubrication related lost time.
- Motors running within safe tolerance and more efficiently (less repairs needed / less power consumption).
- Maintenance staff have more time to focus on other areas of the plant.

Pro-One savings \$8,400 per year*

(*Increased chain life, power savings, less maintenance and improved output not included)

XPL-101

Without XPL+
@ 4,000psi

With XPL+
@ 200,000psi



50 TIMES MORE POWERFUL



XPL+ VS ORDINARY LUBRICANTS

Typical lubricants tend to migrate away from heat sources but XPL+ has a positively charged molecule structure with a strong ionic (+) charge which allows it to bond to metal even under extreme heat & pressure, giving lubricants formulated with XPL+ unprecedented film strength & extreme pressure protection.

**TYPICAL
SPRAY
LUBRICANT**



CHARGE	-	+
BONDING OR FLOWING	FLOWING	BONDING
REACTION TO HEAT & PRESSURE	MIGRATES AWAY	MIGRATES TOWARDS
FILM STRENGTH	LIMITED	EXTRAORDINARY
ENVIROMENTALLY FRIENDLY	NO	YES

XPL-101

PENETRATING LUBRICANT

FOR USE IN:



12oz

4oz

- Air Tools
- Bolts
- Bushings
- Chains
- Cables
- Electrical Terminals
- Hand Tools
- Hinges
- Ignition Wires
- Levers
- Linkages
- Locks
- Nuts
- Pulleys
- Kitchen Tools
- Wheels
- Bearings
- Fasteners
- Casters
- Knobs
- Pistons
- Gears
- Valve Train
- Oil Pump
- Latches
- Conveyors
- Drill Bits
- O-Rings
- Fishing Reels
- Springs
- Firearms
- Stamping Tools
- Rollers
- Sliding Doors
- Lock Tumblers
- Mold Release
- Pivot Joints
- Rusted Parts
- Spark Plugs
- Garage doors
- Screw Jacks
- EGR Valves



WATCH THE LIVE DEMONSTRATION



DOES NOT CONTAIN SOLIDS OR HARMFUL SOLVENTS LIKE CHLORINE



THE MOST POWERFUL SPRAY LUBRICANT ON THE MARKET

No other penetrating lubricant offers **XPL+® lubrication technology** which protects metal surfaces from heat, friction, moisture and the elements, and easily loosens rusted or sticky mechanisms. We guarantee that once you use this powerful **environmentally friendly** formula you will never settle for anything else.

BENEFITS:

- 50 times more film strength than typical spray lubricants
- Penetrates and bonds to metal
- Reduces friction and heat
- Stops squeaks and reduces noise
- Protectant for air tools
- Frees sticky, corroded rusted parts
- Gun lubricant & cleaner
- Protects metal from rusting
- Displaces water & moisture
- Low VOC
- Non-toxic, environmentally friendly
- Does not contain CFC's



APPROVED BY FORD - TOX# 186095

Pro-One#	Size	Case/Pack
P1-40012	11.5 oz./ 326g Aerosol	12
P1-40001	1 Gallon/ 3.785L	4
P1-40005	5 Gallon/ 18.9L Pail	1
P1-40055	55 Gallon/ 208L Drum	1



FUEL MAXIMIZER

ADVANCED FUEL CONDITIONING CATALYST

BOTTOM LINE BENEFITS:

- Improves engine performance
- Improvement in fuel economy
- Virtually eliminates opacity
- Conditions fuel during storage
- Reduces ash formation
- Adds lubricity to diesel fuels
- Prevents carbon buildup
- Improves engine start-ups
- Increases BTU's
- Cleans fuel system and injectors
- No mixing - blends instantly
- Addresses water contamination



TABLET TREATMENT RATIO

- 5 Small Tablet - Pack (Automotive)
- 1 Small Tablet per 57L of Fuel
- 4 Large Tablet - Pack (Industrial)
- 1 Large Tablet per 189L of Fuel

LIQUID TREATMENT RATIO

- 1:4000 or 1 ml per 4 Litres
- 25 ml per 100 Litres.
- Double dose first tank.
- Add at every fill up.

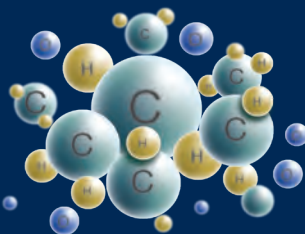


HOW IT WORKS DEMONSTRATION

BEFORE

Fuels chemical energy is stored in a Hydrocarbon.

In this state Hydrocarbons do not burn completely resulting in carbon, soot, and harmful emissions.



AFTER

Fuel Maximizer is a catalyst that breaks apart large particulates, accelerating the chemical reaction of fuel thus liberating its chemical energy.

Makes Oxygen available to burn more completely thus producing a more efficient burn.



REDUCES EMISSIONS

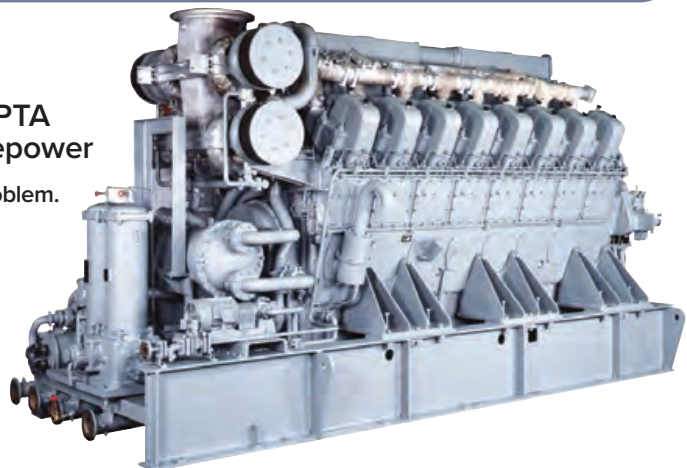
DIESEL ENGINE: Superior Model 2406D | Mitsubishi S6U-PTA
4-Stroke | 6-Cylinder | 4300 Cubic-Inch | 1,400 Brake-Horsepower

Run at full 85% load @ 1,200 r.p.m. to artificially create a particulate emissions problem.

RESULTS:

- CO emissions reduced by 10%
- HC emissions reduced by 9%
- Particulate carbon reduced by 26%
- Particulate emissions reduced by 43%
- No increase in NOx emissions

ProOne Fuel Maximizer offers a unique, cost-effective means to reduce diesel engine particulate emissions without aggravating NOx emissions or diminishing fuel economy.



Pro-One#	Size	Case/Pack
P1-32015	5 Small Tablets	25
P1-32050	4 Large Tablets	25

Pro-One#	Size	Case/Pack
P1-32010	10oz/295ml LIMITED STOCK	12
P1-32001	1 Gallon/3.78L	4
P1-32055	55 Gallon Drum/208L	1



GOLD EP-2

INDUSTRIAL GRADE GREASE

EXTREME PRESSURE PERFORMANCE
FROM -30°F TO 615°F! (-34°C TO 324°C)

THE MOST POWERFUL GREASE ON THE MARKET

This **HEAVY DUTY, NLGI 2, ASTM Tested** grease delivers outstanding high impact/extreme load protection to help **extend equipment life/regreasing intervals**, optimize performance, and help save energy, even under the harshest conditions.

And with a calcium complex base, no harmful additives and nano-based EP agents, this premium grease is **environmentally friendly!**



WATCH THE LIVE
DEMONSTRATION



TYPICAL PROPERTIES

NLGI Grade	2
Color	Light Blue
Thickener	Calcium Complex
Operating temperature range	-30°F to 615°F (-34°C to 324°C)
Kinematic viscosity of base oils @40°C (ASTM 445)	210 cSt (1000 SUS)
Penetration @ 25°C (77°F) (ASTM D-217), mm/10	
Worked 60 strokes	265-295
Mechanical Stability (ASTM D-217) % change from P60	
P100,000 strokes	2.5%
P10,000 strokes with 50% H2O	<6.0%
Dropping Point (ASTM D-2265) °F (°C)	>300°C
Oil Separation (ASTM D-1742) -24 hours @ 25°C (77)	<.5%
Shell Roll Stability (ASTM D-1831)	<4.0%
Oxidation Stability (ASTM D-942) psi drop/500 hours	6.0lbs
Oxidation Bearing Life (ASTM D-3527)	200 hours
4-Ball Wear Test (ASTM D-2266)mm scar, 40kg, 1200 RPM, 75°F, 1H	0.39mm
4-Ball EP test (ASTM D-2596) LWI, kg	>75
Weld Load, kgf (ASTM D-2596)	620
Timken OK Load (ASTM D-2509) lbs/kg	60/27
Rust test (ASTM D-1743)	Pass
Copper Corrosion test (ASTM D-130)	Pass/lb
Salt Fog Spray (ASTM B-117) hours to failure	>1000 hours
Water Washout (ASTM D-1264) @ 80°C, % loss	1.42%
Wheel bearing leakage grams (ASTM D-1263)	
Modified @ 163°C (325°F)	0.4
Base Oil Characteristics	
Viscosity SUS @ 100°F	1100
Viscosity SUS @ 210°F	85
Pour Point, °F	+5
V.I. Min	95

ADVANTAGES:

- Extreme pressure protection
- Extreme temperature range
- Heavy load carrying capability
- Shock load resistant
- Shear stability
- Oxidation resistant
- Corrosion resistant
- Water resistant
- Reduces noise
- Reduces downtime
- Reduces power consumption
- Cling capability
- Seal compatibility

Pro-One#	Size	Case/Pack
P1-46015	16 oz./ 450g Cartridge	12
P1-46040	40 lb./ 18kg Pail	1
P1-46400	400 lb./ 180kg Drum	1



FOR DIESEL ENGINES OR OLDER GASOLINE ENGINES
DOES NOT CONTAINS SOLIDS OR HARMFUL SOLVENTS
LIKE CHLORINE

ADVANTAGES:

- Extreme pressure protection
- Slows oil burning & oil leaks
- Slows blow-by
- Provides start-up protection
- Helps restore compression
- Improves performance
- Easier starting at all temperatures
- Increases oil pressure
- Extends engine life
- Stops thermal breakdown
- Extends oil change intervals 25% to 50%

DIRECTIONS FOR USE:

- Diesel engines - 10% by volume
- Marine engines - 10% by volume
- Higher mileage engines - 15% by volume
- Badly worn engines - 20% by volume
- Wheel End / Hubs - 20% by volume
- Commercial/ Industrial - 10% by volume
- Motorcycle - 5% by volume
- Wet clutch - 5% by volume
- Manual transmissions (90W or higher)- 15% by volume
- Differentials & gear boxes (90W or higher) - 15% by volume

HEAVY DUTY OIL STABILIZER

IF IT SMOKES, LEAKS, OR NEEDS
EXTRA PROTECTION, LOOK NO FURTHER

This **high performance heavy-duty formula** is designed to fortify your oil to provide extra protection and enhance the performance of your **engine or gearbox**.

It is formulated with **XPL+ Technology** which offers **50 times more film strength** protection other stabilizers can't provide.

It provides exceptional results in engines that are burning, leaking, or using oil.



COMPATIBLE WITH ALL CONVENTIONAL AND SYNTHETIC MOTOR OILS AS WELL AS GEAR OILS



WATCH THE LIVE
DEMONSTRATION

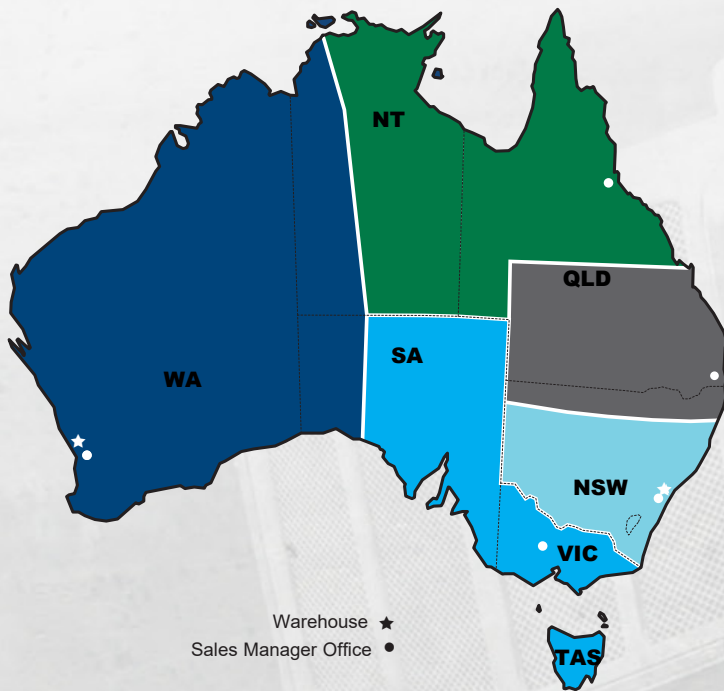


Pro-One#	Size	Case/Pack
P1-13032	32oz/946mL	6
P1-13001	1 gal/3.785L	4
P1-13005	5 gal/18.9L Pail	1
P1-13055	55 gallon/208L drum	1

Australia Territories

STEMCO®

Customer Support: +61 2 9793 2599



New Zealand



TERRITORY MANAGERS

FAR NORTH QLD & NORTHERN TERRITORY

Glen Williamson
glen.williamson@stemco.com +61 409 071 588

SOUTHERN QLD & NORTHERN NSW

Chris Lawler
chris.lawler@stemco.com +61 418 755 283

NEW SOUTH WALES & ACT

Hasan Ozbal
hasan.ozbal@stemco.com +61 459 029 311

TASMANIA, VICTORIA & SOUTH AUSTRALIA

Tim Ellis
tim.ellis@stemco.com +61 418 361 977

WESTERN AUSTRALIA

David Sammut
david.sammut@stemco.com +61 499 954 004

MANAGERS - EXPORT

NEW ZEALAND

Glen Williamson
glen.williamson@stemco.com +61 409 071 588

PAPUA NEW GUINEA

Hasan Ozbal
hasan.ozbal@stemco.com +61 459 029 311

MANAGERS - AUSTRALIA

COUNTRY MANAGER

Darron Ogier
darron.ogier@stemco.com +61 418 613 733

NATIONAL SALES MANAGER

David Sammut
david.sammut@stemco.com +61 499 954 004

STEMCO®

AUSTRALIA, NEW ZEALAND & PAPUA NEW GUINEA

02-9793-2599

2/198 Walters Road

Arndell Park NSW 2148 | Australia

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