

Catalog 222

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See Catalog 217 for Light Duty Steering Components

Abbreviations and Symbols

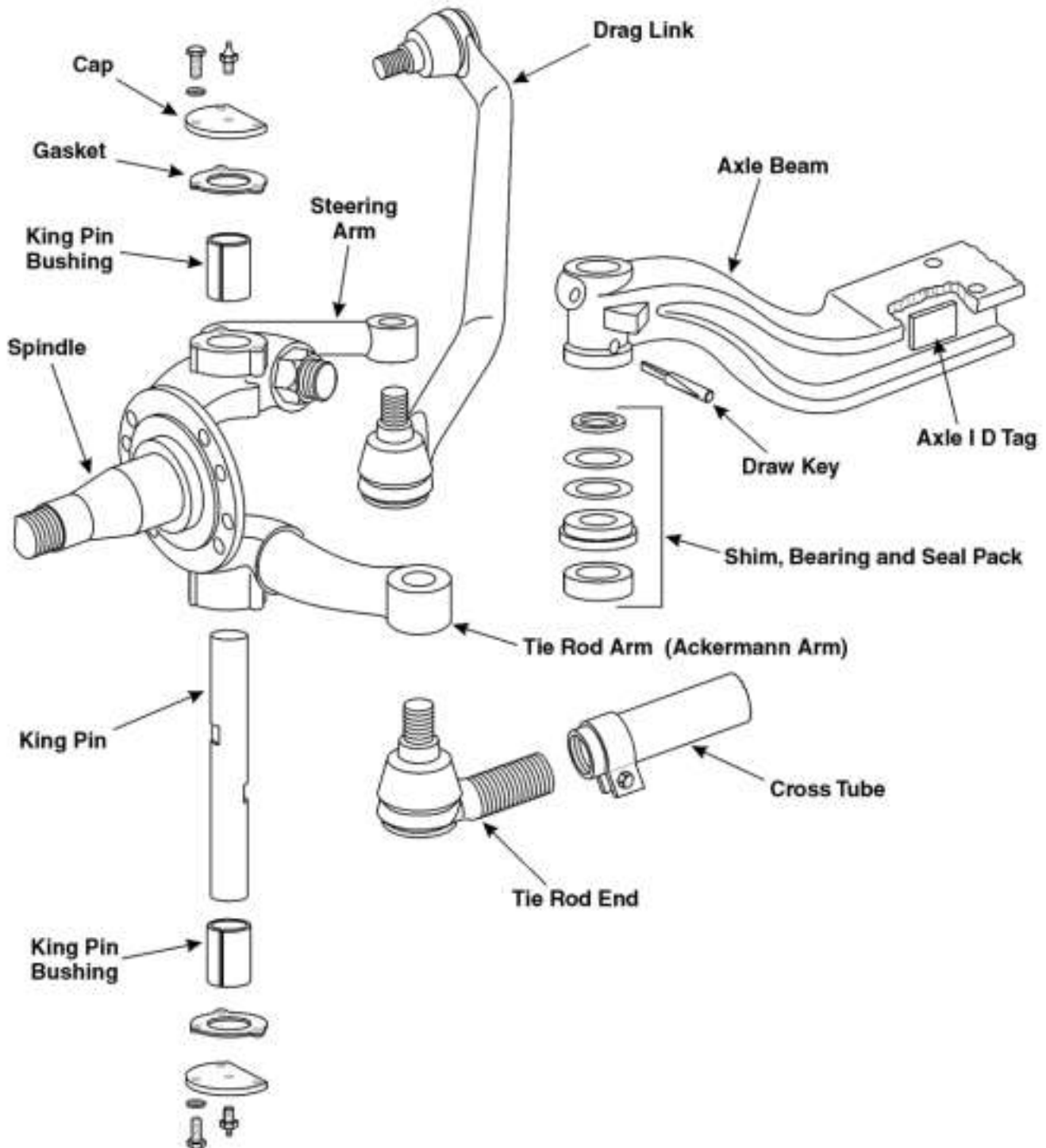
AC	Air Conditioning	LH	Left Hand	RH	Right Hand
Adj Slv	Adjusting Sleeve	Ltr	Liters	RR	Rear
Assy	Assembly	M	Metal/Bi-Metal Bushing	SD	Super Duty
Ber	Berlin Eye (Springs)	Man	Manual	Ser	Serial/Series
Bush	Bushing	MHC	Motor Home Chassis	Std	Standard
C	Current	MM, mm	Millimeter	Stg, Strg	Steering
C to C	Center to Center	MS, M/S	Manual Steering	Susp	Suspension
C to E	Center to End	Mtg	Mounting	Thk	Thickness
CID	Cylinder	N	Nylon Bushing	Vac	Vacuum
Dia	Diameter	N/A	Not Available or Not Applicable	w/	with
Exc	Except/Excluding	N/B	No Bushing	W/B	With Bushing
EL	Eye Leaf	N/R	Not Recommended	w/o	without
Fr, Frt	Front	No	Number	Wid	Width
FWD	Front Wheel Drive	O.D	Outside Diameter	1ST	First Stage
GAWR	Gross Axle Weight Rating	OE, OEM	Original Equipment Manufacturer	2DR	Two (2) Door
GVW	Gross Vehicle Weight	PD	Pad	2ND	Second Stage
GVWR	Gross Vehicle Weight Rating	Pkg	Package	2WD	Two (2) Wheel Drive (4x2)
HD	Heavy Duty	PL	Plate or Leaf (Springs)	4DR	Four (4) Door
Hyd	Hydraulic	PL-1	Plate or Leaf No. 1 (Springs)	4WD	Four (4) Wheel Drive
I.D	Inside Diameter	PS, P/S	Power Steering	✓	Popular
IFS	Independent Front Suspension	Pwr	Power	✓✓	Very Popular
Lbs	Pounds	Pwr Brks	Power Brakes	#	Number/Pounds
LE	Long End (Springs)	Reg	Regular	"	Inches
LG	Length/Long	Rev	Reverse	◆	Not Serviced by Dayton Parts, Inc.

The names and reference numbers of manufacturers and suppliers, other than Dayton Parts, LLC, used in this catalog are shown only to assist our customers in identifying parts. Under no circumstances does Dayton Parts, LLC imply that the parts are of these OE manufacturers. Although care has been taken to ensure the accuracy of the data contained in this publication, Dayton Parts, LLC does not assume any liability for errors or omissions.

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Axle Illustration

Typical King Pin Style Steering Axle



Function: The king pin serves as the pivot point which attaches the wheel spindle to the axle beam and is considered to be the most critical component of the axle assembly. It provides the means for the drag link, in connection with the steering arm, to change the lateral movement into turning motion.

Features and Benefits: Since the king pin is the very heart of the axle assembly, it is mandatory for a replacement part of this nature to be of the highest quality. All Dayton Parts pins utilize high quality steel and are heat treated for superior strength and long service life. A satin smooth micro-finish insures minimum steering effort yet retains the ability to hold grease for proper lubrication.

Bushing Types: Dayton Parts offers the installer three distinct types of bushing materials. Each has its own unique benefits.

Nylon (Delrin) bushings provide reduced steering effort and are fast to install since they do not have to be fitted. They are generally only recommended for vehicles which spend most of their time on-highway. They tend to wear out faster than bronze bushings in severe service applications.

Steel backed bronze (bimetal) has traditionally been the bushing material of choice of many mechanics. Very close bushing to pin clearance can be obtained either by honing or reaming. They are more tolerant of contaminants than nylon and provide considerably longer milage in severe service applications such as refuse and dump vehicles, etc.

Composite bushings are now being utilized in new axle production by most North American axle manufacturers. These incorporate a steel backing as with the bronze bushings. However, the inside diameter features a low friction acetyl resin polymer surface which is dimpled and grease grooved for better grease distribution than the older nylon designs. The bushing is usually shorter than its bronze counterpart. They may or may not require fitting depending on the axle manufacturer's design. However, only reamers can be used if required. In general, more care must be taken when installing to prevent damage to the bushing.

Inspection Procedures - King Pin Play

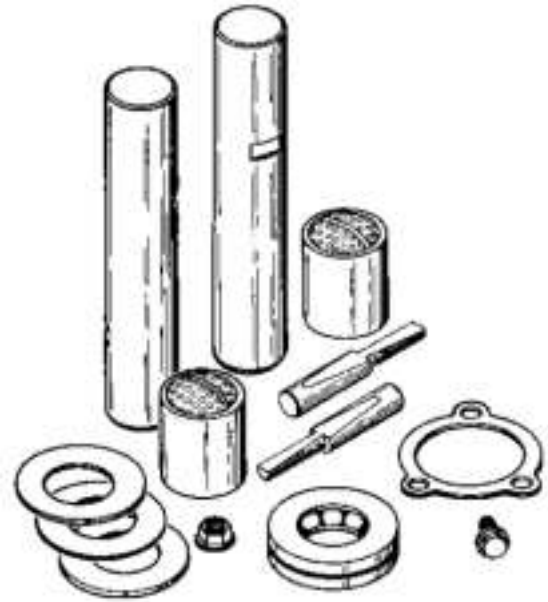
Routine: Install a dial indicator so that the base is on the I-beam and the tip is against the side of the top of the knuckle. Set the dial indicator to "zero" and move the top of the tire side-to-side after raising vehicle and installing jack stand. Repeat for lower bushing. If dial indicator moves a total of 0.010" for either, replace with a new king pin set.

Safety Inspection: Apply service brake to eliminate wheel bearing movement. With front end lifted and jacks installed, grasp tire at top and bottom and attempt to move in and out. Reject the vehicle if measurements at the top or bottom of the tire at the outer circumference is greater than shown.

Wheel Size:	16" or less	1/4"
	17" to 18"	3/8"
	over 18"	1/2"

Note: Inspection methods listed here are highly abbreviated. Always refer to vehicle or axle manufacturer's service manual for correct step-by-step procedures.

Typical King Pin Set



Bushing Types



Nylon (N)

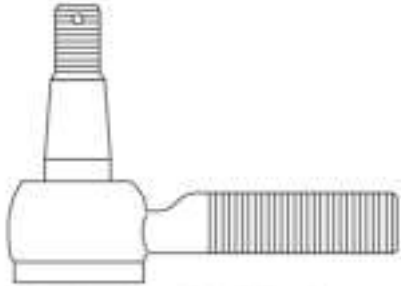


Bimetal (B)

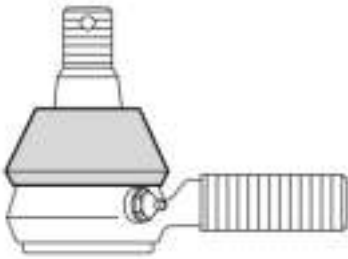


Composite (C)

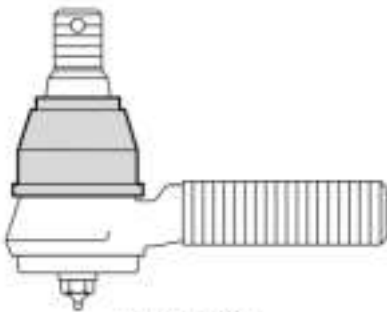
Tie Rod Ends



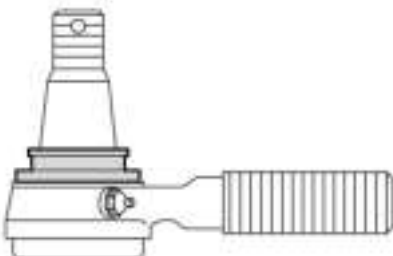
Typical Tie Rod End



Sliding Seal



Boot Seal



Anti-tilt Seal

Function: Connects the tie rod arms of the spindles to transfer the steering force. Provides the ability to fine tune wheel toe-in to achieve optimum tire wear.

Features and Benefits: Dayton Parts' tie rod ends feature a dual bearing along with a preloaded, self-adjusting spring that limits ball stud end movement and continuously compensated for ball and spherical bearing surface wear.

These features add up to a ball socket that withstands the punishment of severe service applications while providing significantly increased service life over other designs.

Seal Designs: Dayton Parts' sockets utilize the same seal design as specified by the O.E. axle manufacturer or truck builder.

The "*Sliding*" seal is the most common. When rocking motion of the ball stud occurs, the seal slides over the socket body maintaining full contact. The "*Sliding*" seal allows for the purging of contaminated grease during maintenance lubrication.

The "*Boot*" seal is always used in permanently lubricated sockets or may be specified in severe service environments with relube designs. A metal reinforcing ring molded into the seal aperture snaps over the socket body, holding it in position as the stud oscillates. The rocking motion of the ball stud is accommodated by flexing of the convoluted part of the seal.

The "*Anti-Tilt*" seals are useful in applications where the vehicle manufacturer wishes to restrict the ball stud movement or control a defined travel path. The rigid seal assembly pressed down over the ball stud and snaps firmly over the socket body shoulder. All angular movement of the ball stud is eliminated, while stud rotation is accommodated.

Inspection Procedures - Wear Limits

Grab and try to move the tie rod cross tube in any direction. If movement or looseness is felt between the tie rod ends and the tie rod arms, remove and replace the tie rod ends. Check the seals for rips at the time of lubrication.

If removed, use a torque wrench to measure the ball stud turning torque value. If it takes less than 5 inch pounds of torque to rotate the stud, replace the tie rod end.

For inspection station purposes, place the vehicle out of service if lateral movement (*using hand pressure only*) exceeds 1/8". Do not use leverage as this will overcome the preload spring.

Function: A drag link connects the pitman arm on the steering gear with the steering arm on the spindle. Rotation of the steering gear input shaft causes the pitman arm to rotate back and forth. As this motion occurs, the drag link pushes or pulls the steering arm causing the wheel to pivot on its king pin.

Features and Benefits: Dayton Parts' drag links are designed to accommodate the heavy loads encountered by trucks, buses and off-highway equipment. We provide nonadjustable or adjustable styles in several configurations.

Solid, one piece drag links provide maximum strength and rigidity. These are recommended for heavy duty trucks.

Tubular versions have separate ball socket assemblies staked in place. The relative angular relationships of the ball studs vary to suit the O.E. vehicle builder's requirements.

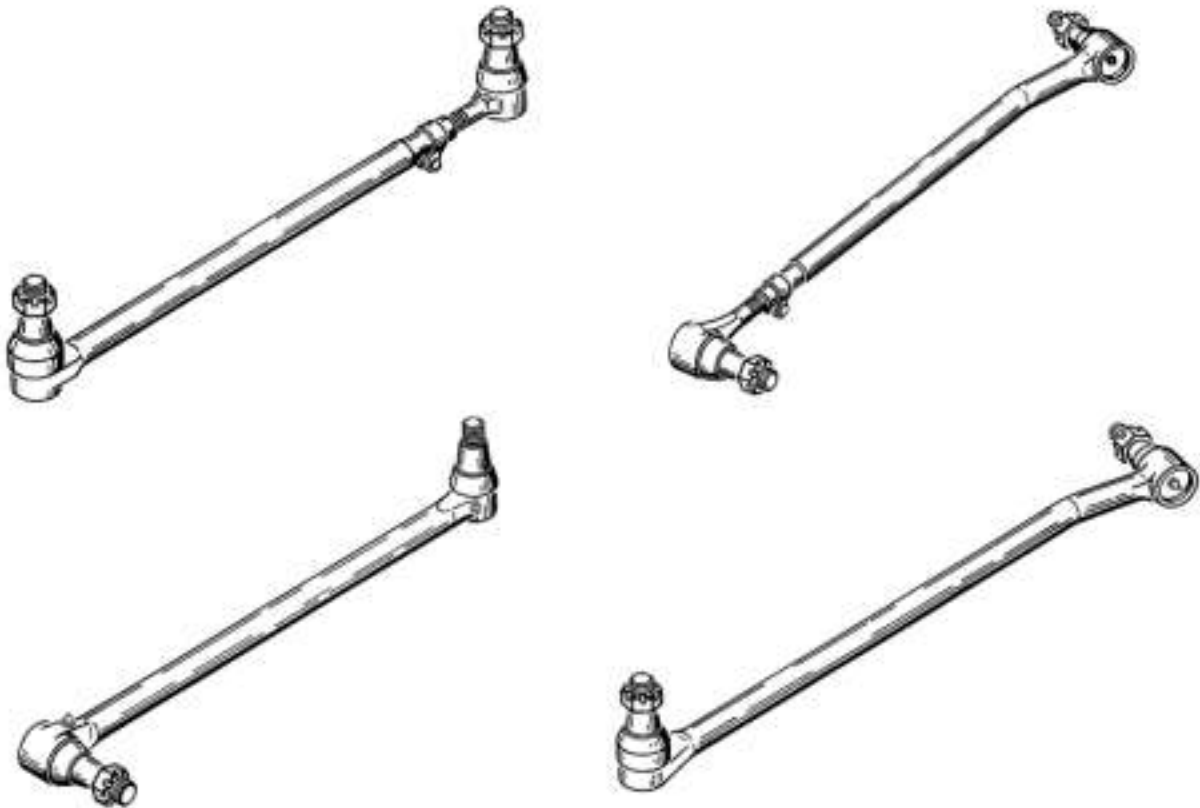
Adjustable drag links provide the ability to fine tune steering linkage systems for precise control. The links function much like a turnbuckle. All ball sockets are either staked or clamped.

The ball sockets are of the same dual bearing, low end movement design as Dayton Parts' tie rod ends. All are designed to withstand tremendous punishment while providing maximum service life.

Inspection Procedures - Wear Limits

See tie rod ends for procedure. Drag links are checked in the same manner as tie rod ends.

Drag Link & Drag Link Ends



King Pin Types



No Lock (N)



Single Lock (S)



Double Lock (D) opposite side



Double Lock (DS) same side



Ford Type (F)



Tapered (T)

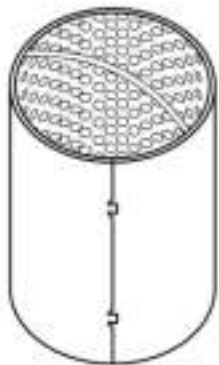


Tapered & Threaded (TT)

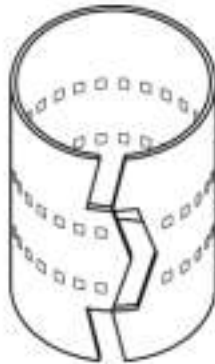


Stepped (ST)

Bushing Types



Bimetal (B)



Nylon (N)

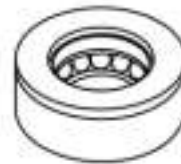


Plastic (P)



Composite (C)

Bearing Types



Ball Bearing (TB)



Roller Bearing (TR or T#)



Mack Type Ball Bearing (TB)



Thrust Washers (TW)

King Pin Sets

Sorted by Dimensions

Straight Type King Pin Sets Sorted by Dimensions Sorted by Diameter and Length

Dia.	Length	Type	Thrust Bearing	Bushing Type	Make	Part No.	Remarks
.922	7.00	S	TW	302-129 (B)	Ford	300-129	
1.109	6.34	S	BE 1	302-107 (B)	GM	300-175	
		S	TW	302-107 (B)	GM	300-107	
	6.75	S	T113	302-103 (B)	Rockwell	300-103	
	6.81	S	T113	N/A (N)	Rockwell	300-253	FAC, FAE951
	6.90	S	TB	302-174 (N)	GM	300-174	
1.110	6.25	S	520-133	302-118 (B)	Nav / Int	300-118	(Elgin Bearing #520-133)
1.129	7.67	S	TW	302-134 (B)	Ford	300-134	
1.179	6.36	S	T119	302-208 (N)	GM	300-208	
		S	T119	302-209 (B)	GM	300-209	
1.231	7.86	F	T126	302-155 (B)	Ford	300-155	
		F	T126	302-155 (B)	Ford	300-156	.010 oversize
	8.89	F	T126	302-179 (N)	Ford	300-179	
		F	T126	302-180 (B)	Ford	300-180	
		F	T126	302-180 (B)	Ford	300-181	.010 oversize
1.234	6.75	S	T126	302-120 (B)	Nav / Int	300-120	
	7.44	D	T126	302-140 (B)	Rockwell	300-140	1.75 long bushings
		D	T126	302-296 (B)	Rockwell	300-296	1.50 long bushings
	7.48	S	T126	302-115 (B)	Ford	300-115	
	7.66	S	T126	302-110 (B)	Nav / Int	300-110	
1.250	7.88	S	T126	302-153 (B)	GM	300-173	
		S	T126	302-153 (B)	GM	300-241	.010 oversize
		S	T126	302-172 (N)	GM	300-172	
1.300	7.75	D	T1370C	302-260 (B)	Ford	300-260	
1.359	7.79	S	T139	302-218 (B)	Dana	300-218	OE bushing is composite
		S	T139	302-218 (B)	Dana	300-238	.015 oversize
	8.07	D	T139	302-218 (B)	Dana	300-268	
		D	T139	302-319 (C)	Dana	300-282	
		DS	T139S	302-319 (C)	Dana	300-319	Double draw keys on the same side
1.433	8.25	D	T149	302-207 (B)	Ford	300-286	Screw in caps
		D	T149	302-219 (B)	Ford	300-207	Bolt on caps
1.434	8.50	D	T149	302-159 (B)	Rockwell	300-159	
1.484	8.85	D	T149	302-187 (B)	Nav / Int	300-194	No bearing seal
		S	T149	302-187 (B)	Nav / Int	300-220	
1.498	7.15	D	T1490S	302-314 (C)	Rockwell	300-314	
1.499	7.51	D	T1490S	302-316 (C)	Rockwell	300-316	
1.500	8.94	D	T1490S	302-324 (C)	Rockwell	300-324	FC941
1.607	8.74	D	T163	302-125 (B)	Rockwell	300-195	
	9.08	D	T163	302-215 (B)	Ford	300-215	Bolt on caps
		D	T163	302-215 (B)	Ford	300-263	Screw in caps
	9.38	D	T163	302-240 (B)	Rockwell	300-240	

Continued on following page

Sorted by Dimensions

King Pin Sets

King Pin Sets

Straight Type King Pin Sets continued

Sorted by Dimensions

Sorted by Diameter and Length

Dia.	Length	Type	Thrust Bearing	Bushing Type	Make	Part No.	Remarks
1.609	9.16	D	T163	302-188 (B)	Dana	300-248	OE bushing is composite
		S	T163	302-188 (B)	Dana	300-223	
	9.61	D	T163	302-188 (B)	Nav / Int	300-188	
		D	T163	302-188 (B)	Dana	300-249	0.37 x 3.06 bearing seal
		D	T163	302-188 (B)	Nav / Int	300-205	0.50 x 3.25 bearing seal
		D	T163	302-269 (C)	Dana	300-269	0.37 x 3.06 bearing seal
		S	T163	302-188 (B)	Dana	300-250	No bearing seal; OE bushing is composite
S	T163	302-188 (B)	Nav / Int	300-221	0.50 x 3.25 bearing seal		
1.625	9.20	S	T1910	302-257 (C)	Eaton	300-257	Roller thrust bearing 0.66 x 3.36
		S	T1910	302-274 (B)	Eaton	300-274	Roller thrust bearing 0.66 x 3.36
		S	TW	302-257 (C)	Eaton	300-258	Bronze thrust bearing 0.42 x 3.08
		S	TW	302-274 (B)	Eaton	300-275	Bronze thrust bearing 0.42 x 3.08
1.745	9.38	D	T1760C	302-233 (B)	GM	300-233	
1.794	8.84	D	T182S	302-293 (C)	Rockwell	300-299	Screw in caps
		D	T182S	302-297 (B)	Rockwell	300-317	Screw in caps
	9.05	DS	T182S	302-303 (B)	Eaton	300-303	Double draw keys on the same side
		DS	T182S	302-304 (C)	Eaton	300-304	Double draw keys on the same side
		S	T182	302-293 (C)	Eaton	300-293	Screw in caps
		S	T182	302-297 (B)	Eaton	300-297	Screw in caps
	9.12	D	T182	302-143 (B)	Rockwell	300-182	
	9.18	D	T182S	302-304 (C)	Rockwell	300-312	
	10.07	D	T182	302-217 (B)	Ford	300-217	Thrust bearing 0.94 x 3.27; Bolt on caps
		D	T182	302-217 (B)	Ford	300-262	Thrust bearing 0.94 x 3.27; Screw in caps
D		T182	302-242 (C)	Ford	300-261	Thrust bearing 0.94 x 3.27; Bolt on caps	
D		T1921	302-217 (B)	Ford	300-227	Thrust bearing 0.63 x 3.16; Bolt on caps	
D		T1921	302-217 (B)	Ford	300-281	Thrust bearing 0.63 x 3.16; Screw in caps	
10.40	D	T182	302-204 (B)	Rockwell	300-204	FF921 and 923	
	D	T1822S	302-204 (B)	Rockwell	300-264	Draw key lengths 2.81 & 3.87	
	D	T1822S	302-204 (B)	Rockwell	300-331	Draw key lengths 3.25 & 3.87	
	D	T1822S	302-242 (C)	Rockwell	300-244	Draw key lengths 2.81 & 3.87	
	D	T1822S	302-242 (C)	Rockwell	300-332	Draw key lengths 3.25 & 3.87	
	D	T182S	302-204 (B)	Rockwell	300-232	Draw key lengths 2.81 & 3.87	
	D	T182S	302-204 (B)	Rockwell	300-284	Draw key lengths 3.25 & 3.68	
	D	T182S	302-204 (B)	Rockwell	300-333	Draw key lengths 3.25 & 3.87	
	D	T182S	302-242 (C)	Rockwell	300-242	Draw key lengths 2.81 & 3.87	
	D	T182S	302-242 (C)	Rockwell	300-266	Draw key lengths 3.25 & 3.68	
D	T182S	302-242 (C)	Rockwell	300-334	Draw key lengths 3.25 & 3.87		
10.70	D	T182	302-300 (C)	Ford	300-300	Steel axle with screw in caps	
	D	T1921	302-300 (C)	Ford	300-302	Alum axle with screw in caps	
	D	T1921	302-301 (B)	Ford	300-301	Alum axle with screw in caps	

Continued on following page

King Pin Sets

Sorted by Dimensions

Straight Type King Pin Sets continued

Sorted by Dimensions

Sorted by Diameter and Length

Dia.	Length	Type	Thrust Bearing	Bushing Type	Make	Part No.	Remarks
1.811	9.57	N	T1822S	302-101 (B)	Hendrickson	300-101A	Screw in caps
	10.53	S	T1880	302-142 (B)	Westport	300-234	Thrust bearing 1.00 x 3.28
		S	T1920	302-142 (B)	Westport	300-235	Thrust bearing 0.62 x 3.10
	10.54	D	T1921	302-142 (B)	Ford	300-292	
	10.56	N	T1822S	302-142 (B)	Hendrickson	300-100	
	10.78	S	T1880	302-142 (B)	Westport	300-142	Thrust bearing 1.00 x 3.28
1.860	10.77	D	T195S	302-298 (C)	Dana	300-298	
1.872	9.07	DS	T188S	302-298 (C)	Eaton	300-306	Double draw keys on the same side
		DS	T188S	302-305 (B)	Eaton	300-305	Double draw keys on the same side
		S	T188S	302-295 (C)	Eaton	300-308	For axles after 01/01/2000; T188S thrust bearing; Bearing thickness is .937
		S	T188S	302-305 (B)	Eaton	300-307	For axles after 01/01/2000; T188S thrust bearing; Bearing thickness is .937
		S	T189S	302-294 (B)	Eaton	300-294A	For axles before 01/01/2000; T189S thrust bearing; Bearing thickness is .906
		S	T189S	302-295 (C)	Eaton	300-295A	For axles before 01/01/2000; T189S thrust bearing; Bearing thickness is .906
	9.97	S	T188S	302-294 (B)	Eaton	300-283	For axles after 01/01/2000; T188S thrust bearing; Bearing thickness is .937
		S	T188S	302-295 (C)	Eaton	300-267	For axles after 01/01/2000; T188S thrust bearing; Bearing thickness is .937
		S	T189S	302-294 (B)	Eaton	300-325	For axles before 01/01/2000; T189S thrust bearing; Bearing thickness is .906
		S	T189S	302-295 (C)	Eaton	300-326	For axles before 01/01/2000; T189S thrust bearing; Bearing thickness is .906
1.921	9.87	D	T194S	302-271 (C)	Dana	300-271	
		D	T194S	302-276 (B)	Dana	300-276	
1.999	11.04	D	T208	302-210 (B)	Rockwell	300-210	
		D	T208	302-211 (N)	Rockwell	300-211	
	11.21	D	T208	302-216 (B)	Rockwell	300-216	Draw key lengths 3.03 & 4.68
		D	T208	302-265 (C)	Rockwell	300-265	Draw key lengths 3.03 & 4.68
		D	T208S	302-216 (B)	Rockwell	300-329	Draw key lengths 3.25 & 4.68
		D	T208S	302-265 (C)	Rockwell	300-310	Draw key lengths 3.25 & 3.87
		D	T208S	302-265 (C)	Rockwell	300-330	Draw key lengths 3.25 & 4.68
2.046	10.12	D	T208S	302-277 (B)	Dana	300-277	
		D	T208S	302-320 (C)	Dana	300-272	
	10.94	D	T208S	302-277 (B)	Dana	300-278	OE bushing is composite
		D	T208S	302-320 (C)	Dana	300-322	

Sorted by Dimensions / Sorted by OEM and Dimensions

King Pin Sets

King Pin Sets

Stepped and Tapered Type King Pin Sets

Sorted by Dimensions

Sorted by Diameter and Length

Large Dia.	Small Dia.	Length	Type	Thrust Bearing	Bushing No./Type	Make	Part No.	Remarks
1.433	1.186	8.75	TT	T149	U 302-159 (B) — L 302-128 (B)	GM	300-128	
1.500	1.250	7.41	T	TB	U Roller brg — L 302-230 (B)	Mack	300-230	
1.607	1.309	9.75	TT	T163	302-125 (B)	Rockwell	300-125	
			TT	T163	302-150 (N)	Rockwell	300-150	
1.614	1.309	8.04	ST	M88048	302-287 (B)	GM	300-287	
1.625	1.375	7.47	T	TB	U Roller brg — L 302-232 (B)	Mack	300-231	Old style bronze bushing not available.
	1.378	8.69	TT	572365	302-290 (P)	Volvo	300-290	
1.890	1.500	9.20	ST	128T	302-288 (B)	GM	300-288	
		9.60	ST	HM801346X	302-288 (B)	GM	300-289	
1.969	1.496	9.88	TT	TR	302-291 (P)	Volvo	300-291	
2.098	1.746	12.84	TT	TR	U Roller brg — L 302-247 (B)	Mack	300-246	
2.125	1.750	8.75	T	TB	U Roller brg — L 302-245 (B)	Mack	300-245	

King Pin Sets

Sorted by OEM and Dimensions

Dana

Straight Type

Dia.	Length	Type	Thrust Bearing	Bushing No./Type	Make	Part No.	Remarks
1.359	7.79	S	T139	302-218 (B)	Dana	300-218	OE bushing is composite .015 oversize
		S	T139	302-218 (B)	Dana	300-238	
	8.07	D	T139	302-218 (B)	Dana	300-268	Double draw keys on the same side
		D	T139	302-319 (C)	Dana	300-282	
1.609	9.16	D	T139S	302-319 (C)	Dana	300-319	
		S	T139S	302-319 (C)	Dana	300-319	
1.609	9.16	D	T163	302-188 (B)	Dana	300-248	OE bushing is composite
		S	T163	302-188 (B)	Dana	300-223	
	9.66	D	T163	302-188 (B)	Dana	300-249	0.37 x 3.06 bearing seal
		D	T163	302-269 (C)	Dana	300-269	0.37 x 3.06 bearing seal
1.860	10.77	D	T163	302-188 (B)	Dana	300-250	No bearing seal; OE bushing is composite
1.860	10.77	D	T195S	302-298 (C)	Dana	300-298	
1.921	9.87	D	T194S	302-271 (C)	Dana	300-271	
		D	T194S	302-276 (B)	Dana	300-276	
2.046	10.12	D	T208S	302-277 (B)	Dana	300-277	
		D	T208S	302-320 (C)	Dana	300-272	
	10.94	D	T208S	302-277 (B)	Dana	300-278	OE bushing is composite
		D	T208S	302-320 (C)	Dana	300-322	

King Pin Sets

Sorted by OEM and Dimensions

King Pin Sets Sorted by OEM and Dimensions Eaton

Straight Type

Dia.	Length	Type	Thrust Bearing	Bushing No./Type	Make	Part No.	Remarks
1.625	9.20	S	T1910	302-257 (C)	Eaton	300-257	Roller thrust bearing 0.66 x 3.36
		S	T1910	302-274 (B)	Eaton	300-274	Roller thrust bearing 0.66 x 3.36
		S	TW	302-257 (C)	Eaton	300-258	Bronze thrust bearing 0.42 x 3.08
		S	TW	302-274 (B)	Eaton	300-275	Bronze thrust bearing 0.42 x 3.08
1.794	9.05	DS	T182S	302-303 (B)	Eaton	300-303	Double draw keys on the same side
		DS	T182S	302-304 (C)	Eaton	300-304	Double draw keys on the same side
		S	T182	302-293 (C)	Eaton	300-293	Screw in caps
		S	T182	302-297 (B)	Eaton	300-297	Screw in caps
1.872	9.07	DS	T188S	302-298 (C)	Eaton	300-306	Double draw keys on the same side
		DS	T188S	302-305 (B)	Eaton	300-305	Double draw keys on the same side
		S	T188S	302-295 (C)	Eaton	300-308	For axles after 01/01/2000; T188S thrust bearing; Bearing thickness is .937
		S	T188S	302-305 (B)	Eaton	300-307	For axles after 01/01/2000; T188S thrust bearing; Bearing thickness is .937
		S	T189S	302-294 (B)	Eaton	300-294A	For axles before 01/01/2000; T189S thrust bearing; Bearing thickness is .906
		S	T189S	302-295 (C)	Eaton	300-295A	For axles before 01/01/2000; T189S thrust bearing; Bearing thickness is .906
	9.97	S	T188S	302-294 (B)	Eaton	300-283	For axles after 01/01/2000; T188S thrust bearing; Bearing thickness is .937
		S	T188S	302-295 (C)	Eaton	300-287	For axles after 01/01/2000; T188S thrust bearing; Bearing thickness is .937
		S	T189S	302-294 (B)	Eaton	300-325	For axles before 01/01/2000; T189S thrust bearing; Bearing thickness is .906
		S	T189S	302-295 (C)	Eaton	300-326	For axles before 01/01/2000; T189S thrust bearing; Bearing thickness is .906

King Pin Sets Sorted by OEM and Dimensions Ford

Straight Type

Dia.	Length	Type	Thrust Bearing	Bushing No./Type	Make	Part No.	Remarks
.922	7.00	S	TW	302-129 (B)	Ford	300-129	
1.129	7.67	S	TW	302-134 (B)	Ford	300-134	
1.231	7.86	F	T126	302-155 (B)	Ford	300-155	.010 oversize
		F	T126	302-155 (B)	Ford	300-156	
	8.89	F	T126	302-179 (N)	Ford	300-179	.010 oversize
		F	T126	302-180 (B)	Ford	300-180	
		F	T126	302-180 (B)	Ford	300-181	
1.234	7.48	S	T126	302-115 (B)	Ford	300-115	
1.300	7.75	D	T1370C	302-260 (B)	Ford	300-260	
1.433	8.25	D	T149	302-207 (B)	Ford	300-286	Screw in caps
		D	T149	302-219 (B)	Ford	300-207	Bolt on caps
1.607	9.08	D	T163	302-215 (B)	Ford	300-215	Bolt on caps
		D	T163	302-215 (B)	Ford	300-263	Screw in caps
1.794	10.07	D	T182	302-217 (B)	Ford	300-217	Thrust bearing 0.94 x 3.27; Bolt on caps
		D	T182	302-217 (B)	Ford	300-262	Thrust bearing 0.94 x 3.27; Screw in caps
		D	T182	302-242 (C)	Ford	300-261	Thrust bearing 0.94 x 3.27; Bolt on caps
		D	T1921	302-217 (B)	Ford	300-227	Thrust bearing 0.63 x 3.16; Bolt on caps
		D	T1921	302-217 (B)	Ford	300-281	Thrust bearing 0.63 x 3.16; Screw in caps
		10.70	D	T182	302-300 (C)	Ford	300-300
	D		T1921	302-300 (C)	Ford	300-302	Alum axle with screw in caps
			D	T1921	302-301 (B)	Ford	300-301
1.811	10.54	D	T1921	302-142 (B)	Ford	300-292	

Sorted by OEM and Dimensions

King Pin Sets

King Pin Sets

King Pin Sets Sorted by OEM and Dimensions GM

Straight Type

Dia.	Length	Type	Thrust Bearing	Bushing No./Type	Make	Part No.	Remarks
1.109	6.34	S	BE 1	302-107 (B)	GM	300-175	
		S	TW	302-107 (B)	GM	300-107	
	6.90	S	TB	302-174 (N)	GM	300-174	
1.179	6.36	S	T119	302-208 (N)	GM	300-208	
		S	T119	302-209 (B)	GM	300-209	
1.250	7.88	S	T126	302-153 (B)	GM	300-173	.010 oversize
		S	T126	302-153 (B)	GM	300-241	
		S	T126	302-172 (N)	GM	300-172	
1.745	9.38	D	T1760C	302-233 (B)	GM	300-233	

Stepped Type

Large Dia.	Small Dia.	Length	Type	Thrust Bearing	Bushing No./Type	Make	Part No.	Remarks
1.614	1.309	8.04	ST	M88048	302-287 (B)	GM	300-287	
1.890	1.500	9.20	ST	128T	302-288 (B)	GM	300-288	
		9.60	ST	HM801346X	302-288 (B)	GM	300-289	

Tapered Type

Large Dia.	Small Dia.	Length	Type	Thrust Bearing	Bushing No./Type	Make	Part No.	Remarks
1.433	1.186	8.75	TT	T149	U 302-159 (B) — L 302-128 (B)	GM	300-128	

Hendrickson Straight Type

Dia.	Length	Type	Thrust Bearing	Bushing No./Type	Make	Part No.	Remarks
1.811	9.57	N	T1822S	302-101 (B)	Hendrickson	300-101A	Screw in caps
	10.56	N	T1822S	302-142 (B)	Hendrickson	300-100	

Mack Tapered Type

Large Dia.	Small Dia.	Length	Type	Thrust Bearing	Bushing No./Type	Make	Part No.	Remarks
1.500	1.250	7.41	T	TB	U Roller brg — L 302-230 (B)	Mack	300-230	
1.625	1.375	7.47	T	TB	U Roller brg — L 302-232 (B)	Mack	300-231	Old style bronze bushing not available.
2.098	1.746	12.84	TT	TR	U Roller brg — L 302-247 (B)	Mack	300-246	
2.125	1.750	8.75	T	TB	U Roller brg — L 302-245 (B)	Mack	300-245	

King Pin Sets

Sorted by OEM and Dimensions

King Pin Sets
Sorted by OEM and Dimensions
Navistar / International
Straight Type

Dia.	Length	Type	Thrust Bearing	Bushing No./Type	Make	Part No.	Remarks
1.110	6.25	S	520-133	302-118 (B)	Navistar / International	300-118	Elgin Bearing #520-133
1.234	6.75	S	T126	302-120 (B)	Navistar / International	300-120	
	7.66	S	T126	302-110 (B)	Navistar / International	300-110	
1.484	8.85	D	T149	302-187 (B)	Navistar / International	300-194	No bearing seal
		S	T149	302-187 (B)	Navistar / International	300-220	
1.609	9.61	D	T163	302-188 (B)	Navistar / International	300-188	
	9.66	D	T163	302-188 (B)	Navistar / International	300-205	0.50 x 3.25 bearing seal
		S	T163	302-188 (B)	Navistar / International	300-221	0.50 x 3.25 bearing seal

Rockwell
Straight Type

Dia.	Length	Type	Thrust Bearing	Bushing No./Type	Make	Part No.	Remarks
1.109	6.75	S	T113	302-103 (B)	Rockwell	300-103	
	6.81	S	T113	N/A (N)	Rockwell	300-253	FAC, FAE951
1.234	7.44	D	T126	302-140 (B)	Rockwell	300-140	1.75 long bushings
		D	T126	302-296 (B)	Rockwell	300-296	1.50 long bushings
1.434	8.50	D	T149	302-159 (B)	Rockwell	300-159	
1.498	7.15	D	T1490S	302-314 (C)	Rockwell	300-314	
1.499	7.51	D	T1490S	302-316 (C)	Rockwell	300-316	
1.500	8.94	D	T1490S	302-324 (C)	Rockwell	300-324	FC941
1.607	8.74	D	T163	302-125 (B)	Rockwell	300-195	
	9.38	D	T163	302-240 (B)	Rockwell	300-240	
1.794	8.84	D	T182S	302-293 (C)	Rockwell	300-299	Screw in caps
		D	T182S	302-297 (B)	Rockwell	300-317	Screw in caps
	9.12	D	T182	302-143 (B)	Rockwell	300-182	
	10.40	D	T182	302-204 (B)	Rockwell	300-204	FF921 and 923
		D	T1822S	302-204 (B)	Rockwell	300-264	Draw key lengths 2.81 & 3.87
		D	T1822S	302-204 (B)	Rockwell	300-331	Draw key lengths 3.25 & 3.87
		D	T1822S	302-242 (C)	Rockwell	300-244	Draw key lengths 2.81 & 3.87
		D	T1822S	302-242 (C)	Rockwell	300-332	Draw key lengths 3.25 & 3.87
		D	T182S	302-204 (B)	Rockwell	300-232	Draw key lengths 2.81 & 3.87
		D	T182S	302-204 (B)	Rockwell	300-284	Draw key lengths 3.25 & 3.68
D		T182S	302-204 (B)	Rockwell	300-333	Draw key lengths 3.25 & 3.87	
D	T182S	302-242 (C)	Rockwell	300-242	Draw key lengths 2.81 & 3.87		
D	T182S	302-242 (C)	Rockwell	300-266	Draw key lengths 3.25 & 3.68		
D	T182S	302-242 (C)	Rockwell	300-334	Draw key lengths 3.25 & 3.87		
1.999	11.04	D	T208	302-210 (B)	Rockwell	300-210	
		D	T208	302-211 (N)	Rockwell	300-211	
	11.21	D	T208	302-216 (B)	Rockwell	300-216	Draw key lengths 3.03 & 4.68
		D	T208	302-265 (C)	Rockwell	300-265	Draw key lengths 3.03 & 4.68
		D	T208S	302-216 (B)	Rockwell	300-329	Draw key lengths 3.25 & 4.68
		D	T208S	302-265 (C)	Rockwell	300-310	Draw key lengths 3.25 & 3.87
D	T208S	302-265 (C)	Rockwell	300-330	Draw key lengths 3.25 & 4.68		

Sorted by OEM and Dimensions

King Pin Sets

King Pin Sets

King Pin Sets

Sorted by OEM and Dimensions

Rockwell

Tapered Type

Large Dia.	Small Dia.	Length	Type	Thrust Bearing	Bushing No./Type	Make	Part No.	Remarks
1.607	1.309	9.75	TT	T163	302-125 (B)	Rockwell	300-125	
			TT	T163	302-150 (N)	Rockwell	300-150	

King Pin Sets

Sorted by OEM and Dimensions

Volvo

Tapered Type

Large Dia.	Small Dia.	Length	Type	Thrust Bearing	Bushing No./Type	Make	Part No.	Remarks
1.625	1.378	8.69	TT	572365	302-290 (P)	Volvo	300-290	
1.969	1.496	9.88	TT	TR	302-291 (P)	Volvo	300-291	

King Pin Sets

Sorted by OEM and Dimensions

Westport

Straight Type

Dia.	Length	Type	Thrust Bearing	Bushing No./Type	Make	Part No.	Remarks
1.811	10.53	S	T1880	302-142 (B)	Westport	300-234	Thrust bearing 1.00 x 3.28
		S	T1920	302-142 (B)	Westport	300-235	Thrust bearing 0.62 x 3.10
	10.78	S	T1880	302-142 (B)	Westport	300-142	Thrust bearing 1.00 x 3.28

King Pin Shims Caster Wedges

Sorted by Dimensions

King Pin Shims

Part No.	I.D.	O.D.	Thickness
303-101A	Shim Assortment	*see note below	
303-110*	.780	1.625	.005
303-120	.840	1.437	.005
303-130*	.906	1.500	.005
303-140	.940	1.310	.005
303-150	.953	1.500	.010
303-160*	1.125	1.875	.005
303-170	1.156	1.750	.010
303-180*	1.200	1.940	.005
303-190	1.218	2.328	.005

Part No.	I.D.	O.D.	Thickness
303-200*	1.270	2.010	.005
303-210*	1.281	1.875	.010
303-220*	1.390	2.230	.005
303-230	1.445	2.500	.005
303-240*	1.500	2.375	.005
303-250*	1.625	2.688	.005
303-260*	1.805	2.500	.005
303-270*	1.875	2.812	.005
303-280*	2.010	3.250	.005
303-300	2.070	3.250	.005

* 1 package of each number included in assortment



King Pin Shims



Caster Wedges

Aluminum Caster Adjustment Wedges

Part No.	Width	Degree
A-101	1.75	0.5
A-102	1.75	1.0
A-103	1.75	1.5
A-104	1.75	2.0
A-105	1.75	2.5
A-106	1.75	3.0
A-107	1.75	3.5
A-108	1.75	4.0
A-201	2.00	0.5
A-202	2.00	1.0
A-203	2.00	1.5
A-204	2.00	2.0
A-205	2.00	2.5
A-206	2.00	3.0
A-207	2.00	3.5
A-208	2.00	4.0
A-221	2.25	0.5
A-222	2.25	1.0
A-223	2.25	1.5

Part No.	Width	Degree
A-224	2.25	2.0
A-225	2.25	2.5
A-226	2.25	3.0
A-227	2.25	3.5
A-228	2.25	4.0
A-251	2.50	0.5
A-252	2.50	1.0
A-253	2.50	1.5
A-254	2.50	2.0
A-255	2.50	2.5
A-256	2.50	3.0
A-257	2.50	3.5
A-258	2.50	4.0
A-301	3.00	0.5
A-302	3.00	1.0
A-303	3.00	1.5
A-304	3.00	2.0
A-305	3.00	2.5
A-306	3.00	3.0

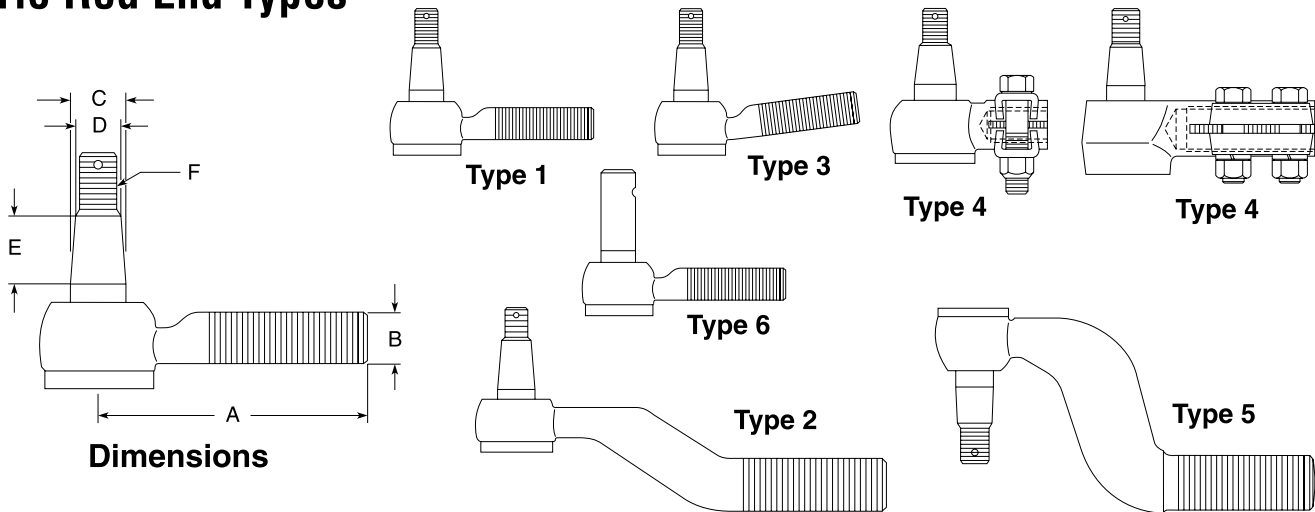
Part No.	Width	Degree
A-307	3.00	3.5
A-308	3.00	4.0
A-351	3.50	0.5
A-352	3.50	1.0
A-353	3.50	1.5
A-354	3.50	2.0
A-355	3.50	2.5
A-356	3.50	3.0
A-357	3.50	3.5
A-358	3.50	4.0
A-401	4.00	1.0
A-402	4.00	2.0
A-403	4.00	3.0
A-404	4.00	4.0
A-405	4.00	0.5
A-415	4.00	1.5
A-425	4.00	2.5
A-435	4.00	3.5

Sorted By Length (A)

Tie Rod and Drag Link Ends

Tie Rod and Drag Link Ends

Tie Rod End Types



Tie Rod and Drag Link Ends

Sorted by Stud Centerline to Rod End (A)

Part No.	Industry Part No.	Stud Ctr. Rod End (A)	Rod Thread Size (B)	Large Dia. (C)	Small Dia. (D)	Taper Length (E)	Stud Thread Size (F)	Type	Remarks
310-478	N/A	2.75	0.87"-14	1.24	1.08	1.37	7/8"-14	4	Mack power steering cylinder end
310-264	ES2030R	3.12	0.93"-20	1.035	0.90	1.070	3/4"-16	4	GM power steering cylinder end
310-441	ES3304R		1.00"-16	1.102	0.97	1.080	7/8"-14	4	Ford power steering cylinder end
310-113	ES150R	3.50	0.75"-16	.704	0.61	.736	9/16"-18	1	Ford
310-112	ES150L		0.75"-16 LH	.704	0.61	.736	9/16"-18	1	Ford
310-130	ES235NR	3.88	1.00"-16	.773	0.66	.872	5/8"-18	1	Navistar/International
310-116	ES176R		1.00"-16	.874	0.76	.896	5/8"-18	1	GM
310-143	ES304R		1.00"-16	.899	0.78	.928	3/4"-16	1	Rockwell
310-129	ES235NL		1.00"-16 LH	.773	0.66	.872	5/8"-18	1	Navistar/International
310-115	ES176L		1.00"-16 LH	.874	0.76	.896	5/8"-18	1	GM
310-142	ES304L		1.00"-16 LH	.899	0.78	.928	3/4"-16	1	Rockwell
310-184	ES373R	4.43	1.00"-16	.903	0.78	.980	3/4"-16	1	Ford, Dana
310-183	ES373L		1.00"-16 LH	.903	0.78	.980	3/4"-16	1	Ford, Dana
310-444	N/A	4.72	M30 X 1.5	1.126	0.94	1.100	M20 X 1.5	1	Volvo
310-443	N/A		M30 X 1.5 LH	1.126	0.94	1.100	M20 X 1.5	1	Volvo
310-209	ES405R	4.88	1.12"-12	1.030	0.90	1.070	3/4"-16	1	GM sliding seal
310-277	ES2069R		1.12"-12	1.030	0.90	1.070	3/4"-16	1	GM anti-tilt seal
310-122	ES187R		1.12"-12	1.102	0.97	1.080	7/8"-14	1	Ford drag link end; Mack and Rockwell
310-485	ES3216R		1.12"-12	1.102	0.97	1.08	7/8"-14	1	Navistar/International drag link end
310-208	ES405L		1.12"-12 LH	1.030	0.90	1.070	3/4"-16	1	GM sliding seal
310-278	ES2070L		1.12"-12 LH	1.030	0.90	1.070	3/4"-16	1	GM anti-tilt seal
310-121	ES187L		1.12"-12 LH	1.102	0.97	1.080	7/8"-14	1	Ford drag link end; Mack and Rockwell
310-296	ES2118L		1.12"-16 LH	1.102	0.97	1.080	7/8"-14	1	Mack
310-272	ES2062R	4.93	1.00"-16	.899	0.78	.928	3/4"-16	1	Ford, GM
310-271	ES2061L		1.00"-16 LH	.899	0.78	.928	3/4"-16	1	Ford, GM
310-476	ES3269R	5.02	1.00"-16	1.024	0.92	.870	3/4"-16	1	GM
310-475	ES3268L		1.00"-16 LH	1.024	0.92	.870	3/4"-16	1	GM

Continued on following page

Tie Rod and Drag Link Ends

Sorted By Length (A)

Tie Rod and Drag Link Ends continued
Sorted by Stud Centerline to Rod End (A)

Part No.	Industry Part No.	Stud Ctr. Rod End (A)	Rod Thread Size (B)	Large Dia. (C)	Small Dia. (D)	Taper Length (E)	Stud Thread Size (F)	Type	Remarks
310-470	ES3271R	5.44	1.12"-12	1.024	0.92	.870	¾"-16	1	GM
310-223	ES423R		1.12"-12	1.102	0.97	1.080	⅞"-14	1	Dana, Eaton, Ford, Rockwell, Volvo, Westport. Cotter pin ⅜" from end
310-468	ES3275R	5.44	1.12"-12	1.181	1.04	1.140	⅞"-14	1	GM
310-469	ES3270L		1.12"-12 LH	1.024	0.92	.870	¾"-16	1	GM
310-222	ES423L		1.12"-12 LH	1.102	0.97	1.080	⅞"-14	1	Dana, Eaton, Ford, Rockwell, Volvo, Westport. Cotter pin ⅜" from end
310-467	ES3274L		1.12"-12 LH	1.181	1.04	1.140	⅞"-14	1	GM
310-436	ES3312R	5.50	1.12"-18	1.102	0.97	1.080	⅞"-14	1	Rockwell
310-317	ES2203R		1.25"-12	1.102	0.97	1.080	⅞"-14	1	Navistar/International drag link end
310-228	ES431L		1.25"-12	1.250	1.08	1.360	⅞"-14	1	Advance, Bluebird and Freightliner drag link end Mack, Rockwell, Westport. Lube through cap
310-228SF	N/A		1.25"-12	1.250	1.08	1.360	⅞"-14	1	Same as 310-228 except lubes through side
310-327	ES2225R		1.25"-12	1.250	1.12	1.060	⅞"-14	1	Volvo drag link end
310-425	ES3056		1.25"-12	1.250	1.08	1.360	⅞"-14	1	Use 310-228
310-435	ES3252R		1.25"-12	1.250	1.25	No taper	1 ¼"	6	Mack drag link end. Ball stud has no threads
310-460	N/A		1.25"-12	1.256	1.08	1.410	⅞"-14	1	Use 310-228
310-229	ES431R		1.25"-12 LH	1.250	1.08	1.360	⅞"-14	1	Advance, Bluebird and Freightliner drag link end Mack, Rockwell, Westport. Lube through cap
310-229SF	N/A		1.25"-12 LH	1.250	1.08	1.360	⅞"-14	1	Same as 310-229 except lubes through side
310-326	ES2224L	1.25"-12 LH	1.250	1.12	1.060	⅞"-14	1	Freightliner and Volvo drag link end	
310-424	ES3057	1.25"-12 LH	1.250	1.08	1.360	⅞"-14	1	Use 310-229	
310-459	N/A	1.25"-12 LH	1.256	1.08	1.410	⅞"-14	1	Use 310-229	
310-322	ES2208R	1.25"-16	1.250	1.08	1.360	⅞"-14	1	Rockwell front drive axles	
310-399	ES3032R	1.25"-18	1.250	1.08	1.360	⅞"-14	1	Rockwell front drive axles	
310-161	ES330R	5.84	1.00"-16	.899	0.78	.928	¾"-16	1	GM
310-160	ES330L		1.00"-16 LH	.899	0.78	.928	¾"-16	1	GM
310-267	ES2036R	6.00	1.00"-16	.899	0.78	.928	¾"-16	1	Ford
310-266	ES2035L		1.00"-16 LH	.899	0.78	.928	¾"-16	1	Ford
310-472	ES3176R		1.12"-12	1.102	0.97	1.080	⅞"-14	1	Ford 3.25" Rod center to stud end
310-455	ES3476		1.12"-12	1.107	0.97	1.120	⅞"-14	1	Eaton 3.38" Rod center to stud end
310-471	ES3177L		1.12"-12 LH	1.102	0.97	1.080	⅞"-14	1	Ford 3.25" Rod center to stud end
310-456	ES3477		1.12"-12 LH	1.107	0.97	1.120	⅞"-14	1	Eaton 3.38" Rod center to stud end
310-420	N/A		1.12"-12 LH	1.250	1.08	1.360	⅞"-14	1	Crown and Gillig drag link end
310-486	ES3178R	6.38	1.25"-12	1.102	0.97	1.08	⅞"-14	1	Navistar/International drag link end
310-165	ES332R	6.50	1.12"-16	.995	0.89	.850	¾"-16	1	GM
310-164	ES332L		1.12"-16 LH	.995	0.89	.850	¾"-16	1	GM
310-474	ES3283R	7.18	1.00"-16	.899	0.78	.928	¾"-16	1	Ford
310-473	ES3284L		1.00"-16 LH	.899	0.78	.928	¾"-16	1	Ford

Tie Rod and Drag Link Ends

Sorted By Length (A)

Tie Rod and Drag Link Ends

Tie Rod and Drag Link Ends continued

Sorted by Stud Centerline to Rod End (A)

Tie Rod and Drag Link Ends

Part No.	Industry Part No.	Stud Ctr. Rod End (A)	Rod Thread Size (B)	Large Dia. (C)	Small Dia. (D)	Taper Length (E)	Stud Thread Size (F)	Type	Remarks
310-483	ES3442R	7.37	1.25"-12	1.102	0.97	1.080	7/8"-14	1	Ford
310-316	ES2202R		1.25"-12	1.250	1.08	1.360	7/8"-14	1	Use 310-434
310-398	ES3034R		1.25"-12	1.250	1.08	1.360	7/8"-14	1	Mack and Rockwell heavy wall socket body. Lubes through cap
310-398SF	N/A	7.37	1.25"-12	1.250	1.08	1.360	7/8"-14	1	Same as 310-398 except lube through side
310-434	ES2091R		1.25"-12	1.250	1.08	1.460	7/8"-14	1	Advance, Crown, Gillig, Kenworth, Oshkosh and Thomas drag link end; Eaton, Rockwell
310-464	N/A	7.37	1.25"-12	1.256	1.08	1.410	7/8"-14	1	Use 310-434
310-484	ES3443L		1.25"-12 LH	1.102	0.97	1.080	7/8"-14	1	Ford
310-397	ES3033L		1.25"-12 LH	1.250	1.08	1.360	7/8"-14	1	Mack and Rockwell heavy wall socket body. Lubes through cap
310-397SF	N/A	7.37	1.25"-12 LH	1.250	1.08	1.360	7/8"-14	1	Same as 310-397 except lube through side
310-433	ES2090L		1.25"-12 LH	1.250	1.08	1.460	7/8"-14	1	Kenworth drag link end; Eaton, Rockwell
310-463	N/A		1.25"-12 LH	1.256	1.08	1.410	7/8"-14	1	Use 310-433
310-286	ES3297R	8.11	1.25"-12	1.102	0.97	1.080	7/8"-14	2	Eaton
310-285	ES3298L		1.25"-12 LH	1.102	0.97	1.080	7/8"-14	2	Eaton
310-216	ES411R	9.18	1.12"-12	1.102	0.97	1.040	7/8"-14	1	Dana 3.48" Rod center to stud end
310-215	ES411L		1.12"-12 LH	1.102	0.97	1.040	7/8"-14	1	Dana 3.48" Rod center to stud end
310-503	N/A	9.25	1.25"-12	1.102	0.97	1.080	7/8"-14	2	Eaton
310-502	N/A		1.25"-12 LH	1.102	0.97	1.080	7/8"-14	2	Eaton
310-314	ES2201R	10.50	1.62"-12	1.102	0.97	1.080	7/8"-14	5	Rockwell
310-313	ES2200L		1.62"-12 LH	1.102	0.97	1.080	7/8"-14	5	Rockwell
310-393	ES3027R	10.80	1.37"-12	.899	0.78	.928	3/4"-16	5	GM
310-392	ES3026L		1.37"-12 LH	.899	0.78	.928	3/4"-16	5	GM
310-438	ES3205R	11.89	1.37"-12	.874	0.76	.896	5/8"-18	2	Dana
310-437	ES3024L		1.37"-12 LH	.874	0.76	.896	5/8"-18	2	Dana
310-395	ES3030R	12.69	1.87"-12	1.250	1.08	1.360	7/8"-14	2	Dana, Rockwell
310-396	ES3031L		1.87"-12 LH	1.250	1.08	1.360	7/8"-14	2	Dana, Rockwell
310-422	ES3040R	13.25	1.43"-12	.899	0.78	.928	3/4"-16	2	Ford
310-421	ES3039L		1.43"-12 LH	.899	0.78	.928	3/4"-16	2	Ford

Cross Tubes

Sorted By Manufacturer/Length

Cross Tubes

Sorted by Manufacturer and Length

Dana

Part No.	Thread Size	Length	Tube Dia.	OEM Part No.
347-101	1.12"-12	53.63	1.50	120TR108
347-104		59.38	1.62	140TR106
347-105		60.56	1.50	120TR107
347-106		60.56	1.62	140TR107
347-107		60.60	1.50	339TR119
347-108		64.83	1.62	140TR119

Eaton

Part No.	Thread Size	Length	Tube Dia.	OEM Part No.
347-207	1.12"-12	60.50	2.00	1006732
347-208		62.30	1.75	1009249
347-202	1.25"-12	54.00	1.75	820661, 818817
347-203		54.61	1.75	1009011, 811939
347-204		56.00	2.00	820633, 818819
347-205		58.00	1.75	820662, 818818
347-206		60.00	2.00	820634, 818820
347-209		64.00	2.00	820635

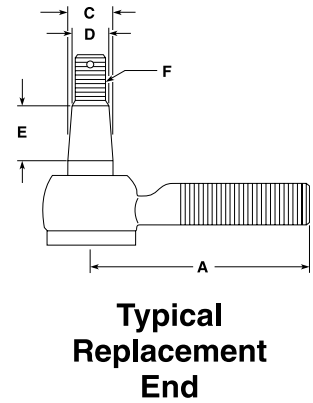
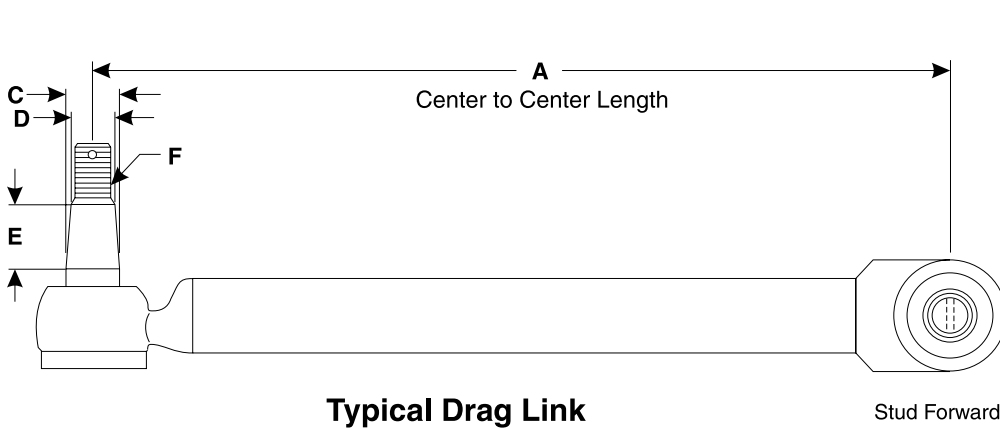
Rockwell

Part No.	Thread Size	Length	Tube Dia.	OEM Part No.	
347-304	1.12"-12	51.69	1.50	A-3102-Q-3449	
347-305		53.50	1.50	A-3102-R-3450	
347-307		55.50	1.50	A-3102-S-3451	
347-309		57.00	1.50	A-3102-T-3452	
347-314		58.12	1.75	A-3102-V-3454	
347-315		58.19	1.50	A-3102-W-3455	
347-316		58.94	1.50	A-3102-F-3464	
347-317		58.94	2.00	A-3102-R-3476	
347-320		59.38	1.50	A-3102-R-2904	
347-318		59.38	1.75	A-3102-Y-3457	
347-321		59.63	1.50	A-3102-K-4379	
347-324		62.25	2.00	A-3102-Y-3483	
347-300		1.25"-12	45.54	1.75	A-3102-A-3849
347-301			49.38	1.75	A-3102-K-2897
347-302	49.54		1.75	A-3102-Z-3848	
347-303	51.42		1.75	A-3102-R-4282	
347-306	53.54		1.75	A-3102-Y-3847	
347-308	55.66		1.75	A-3102-X-4288	
347-310	57.34		1.75	A-3102-M-2899	
347-311	57.54		1.75	A-3102-B-3850	
347-312	57.54		2.00	A-3102-Y-3873	
347-313	58.00		1.75	A-3102-G-2841	
347-319	59.38		1.75	A-3102-N-3472	
347-322	59.75		1.75	A-3102-K-3365	
347-323	60.88		1.75	A-3102-W-2909	
347-325	63.47		1.75	A-3102-Y-2885	
347-326	65.50		1.75	A-3102-P-3370	
347-327	65.54	1.75	A-3102-D-3852		
347-328	67.96	1.75	A-3102-W-2883		

Nonreplaceable Ends

Drag Links

Drag Links



Nonreplaceable Ends (sorted by overall length) — Ball stud dimensions same on both ends



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-372	DS1181	12.40	1.250	1.080	1.360	.87-14	Peterbilt	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-338	DS1136	13.00	1.250	1.080	1.360	.87-14	Freightliner	

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-235	DS965	13.71	1.250	1.080	1.360	.87-14	Nav/Int	Discontinued - data for reference only

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-238	DS968	14.00	.874	.762	.896	.62-18	Nav/Int	Discontinued - data for reference only

Drag Links

Nonreplaceable Ends

Nonreplaceable Ends (sorted by overall length) — **Ball stud dimensions same on both ends**

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-242	DS972	14.08	1.102	.967	1.080	.87-14	Nav/Int	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-239	DS969	14.13	.874	.762	.896	.62-18	Nav/Int	Discontinued - data for reference only

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-231	DS961	14.16	1.102	.967	1.080	.87-14	Nav/Int	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-370	DS1179	14.21	1.250	1.080	1.360	.87-14	Peterbilt	



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-236	DS966	14.35	1.102	.967	1.080	.87-14	Nav/Int	Discontinued - data for reference only

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-237	DS967	14.35	1.102	.967	1.080	.87-14	Nav/Int	Discontinued - data for reference only

Nonreplaceable Ends

Drag Links

Drag Links

Nonreplaceable Ends (sorted by overall length) — Ball stud dimensions same on both ends

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-247	DS977	14.44	.874	.762	.896	.62-18	Nav/Int	Discontinued - data for reference only

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-244	DS974	14.45	1.102	.967	1.080	.87-14	Nav/Int	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-246	DS976	14.45	1.102	.967	1.080	.87-14	Nav/Int	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-240	DS970	14.75	.874	.762	.896	.62-18	Nav/Int	Discontinued - data for reference only

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-241	DS971	14.80	1.102	.967	1.080	.87-14	Nav/Int	Discontinued - data for reference only

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-234	DS964	14.87	1.102	.967	1.080	.87-14	Nav/Int	Discontinued - data for reference only

Drag Links

Nonreplaceable Ends

Nonreplaceable Ends (sorted by overall length) — Ball stud dimensions same on both ends



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-243	DS973	15.28	1.102	.967	1.080	.87-14	Nav/Int	Discontinued - data for reference only

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-177	DS873	15.37	1.102	.967	1.080	.87-14	Ford	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-520	DS1280	15.62	1.250	1.080	1.360	.87-14	Peterbilt	



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-248	DS978	15.66	1.102	.967	1.080	.87-14	Nav/Int	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-254	DS984	15.80	1.102	.967	1.080	.87-14	GM	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-144	DS803	16.16	.899	.783	.928	.75-16	Ford	B and F series

Nonreplaceable Ends

Drag Links

Drag Links

Nonreplaceable Ends (sorted by overall length) — Ball stud dimensions same on both ends



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-158	DS836	16.64	.868	.754	.912	.62-18	GM	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-142	DS800	16.64	.899	.783	.928	.75-16	Ford	B and F series



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-157	DS835	16.75	.753	.669	.672	.62-18	GM	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-293	DS1034	16.84	.874	.762	.896	.62-18	Nav/Int	



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-418	DS1278	16.85	1.181	1.038	1.144	.87-14	GM	Kodiak/Topkick



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-310	DS1044	16.89	1.030	.896	1.072	.75-16	GM	Heavy duty models

Drag Links

Nonreplaceable Ends

Nonreplaceable Ends (sorted by overall length) — Ball stud dimensions same on both ends



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-339	DS1067	16.89	1.030	.896	1.072	.75-16	GM	Heavy duty models; Right only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-188	DS907	17.00	.899	.783	.928	.75-16	GM	P60, B, C, M, S series

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-176	DS872	17.02	1.102	.967	1.080	.87-14	Ford	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-252	DS982	17.20	1.102	.967	1.080	.87-14	GM	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-385	DS1215	17.47	.874	.762	.896	.62-18	Nav/Int	



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-255	DS985	17.47	1.102	.967	1.080	.87-14	GM	Discontinued - data for reference only

Nonreplaceable Ends

Drag Links

Drag Links

Nonreplaceable Ends (sorted by overall length) — Ball stud dimensions same on both ends



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-401	DS1217	17.48	1.181	1.038	1.144	.87-14	GM	Kodiak/Topkick



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-349	DS1198	17.53	.899	.783	.928	.75-16	GM	P60, B, C, M, S series



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-348	DS1197	17.62	.899	.783	.928	.75-16	GM	Discontinued - data for reference only

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-281	DS1021	17.65	1.102	.967	1.080	.87-14	Nav/Int	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-384	DS1198	17.68	1.102	.967	1.080	.87-14	Nav/Int	



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-190	DS910	17.70	1.030	.896	1.072	.75-16	GM	Heavy duty models

Drag Links

Nonreplaceable Ends

Nonreplaceable Ends (sorted by overall length) — **Ball stud dimensions same on both ends**



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-211	DS941	17.70	1.030	.896	1.072	.75-16	GM	Discontinued - data for reference only

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-208	DS938	17.82	1.030	.896	1.072	.75-16	GM	Discontinued - data for reference only

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-209	DS939	17.82	1.030	.896	1.072	.75-16	GM	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-258	DS988	17.90	1.030	.896	1.070	.75-16	GM	Heavy duty models



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-256	DS986	17.93	1.102	.967	1.080	.87-14	GM	B, C, M, S series



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-257	DS987	17.96	1.102	.967	1.080	.87-14	GM	P60, B, C, M, S series

Nonreplaceable Ends

Drag Links

Drag Links

Nonreplaceable Ends (sorted by overall length) — **Ball stud dimensions same on both ends**



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-456	DS1281	17.96	1.102	.967	1.080	.87-14	Nav/Int	

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-206	DS936	18.00	.874	.762	.896	.62-18	GM	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-249	DS979	18.14	1.102	.967	1.080	.87-14	Nav/Int	



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-261	DS991	18.20	1.030	.896	1.070	.75-16	GM	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-461	DS1305	18.45	1.102	.967	1.080	.87-14	Nav/Int	

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-260	DS990	18.50	1.030	.896	1.070	.75-16	GM	Discontinued - data for reference only

Drag Links

Nonreplaceable Ends

Nonreplaceable Ends (sorted by overall length) — Ball stud dimensions same on both ends



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-350	DS1199	18.50	1.102	.967	1.080	.87-14	GM	P60, B, C, M, S series



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-351	DS1200	18.58	1.102	.967	1.080	.87-14	GM	B, C, M, S series



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-175	DS871	18.68	1.102	.967	1.080	.87-14	Ford	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-425	DS1340	18.72	1.102	.967	1.080	.87-14	Freightliner	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-388	DS1220	18.83	1.102	.967	1.080	.87-14	Freightliner	



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-446	DS1442	19.06	1.102	.967	1.080	.87-14	Ford	

Nonreplaceable Ends

Drag Links

Drag Links

Nonreplaceable Ends (sorted by overall length) — Ball stud dimensions same on both ends



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-218	DS948	19.25	.899	.783	.928	.75-16	Ford	B and F series

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-174	DS870	19.28	1.102	.967	1.080	.87-14	Ford	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-167	DS845	19.39	.899	.783	.928	.75-16	Ford	LN series 500/750

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-220	DS950	19.48	.899	.783	.928	.75-16	Ford	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-178	DS874	19.50	1.102	.967	1.080	.87-14	Ford	C series



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-417	DS1277	20.28	1.024	.915	.872	.75-16	GM	Kodiak/Topkick

Drag Links

Nonreplaceable Ends

Nonreplaceable Ends (sorted by overall length) — Ball stud dimensions same on both ends



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-342	DS1192	20.30	1.102	.967	1.080	.87-14	Ford	B and F series



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-400	DS1216	20.65	1.024	.915	.872	.75-16	GM	P60, Ko◆k/Topkick



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-341	DS1191	20.66	.899	.783	.928	.75-16	Ford	B and F series



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-374	DS1183	21.65	1.250	1.080	1.360	.87-14	Peterbilt	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-113	DS685	22.47	.701	.612	.712	.56-18	Ford	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-346	DS1195	24.12	.899	.783	.928	.75-16	GM	P40

Nonreplaceable Ends

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Nonreplaceable Ends (sorted by overall length) — Ball stud dimensions same on both ends



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-347	DS1196	24.12	.899	.783	.928	.75-16	GM	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-377	DS1186	28.28	1.250	1.080	1.360	.87-14	Kenworth	



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-431	DS1346	28.48	1.250	1.080	1.360	.87-14	Freightliner	FL and MB series



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-430	DS1345	28.70	1.102	.967	1.080	.87-14	Freightliner	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-386	DS1218	28.87	1.102	.967	1.080	.87-14	Freightliner	



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-373	DS1182	29.13	1.250	1.080	1.360	.87-14	Peterbilt	Discontinued - data for reference only

Drag Links

Nonreplaceable Ends

Nonreplaceable Ends (sorted by overall length) — Ball stud dimensions same on both ends



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-387	DS1219	29.38	1.102	.967	1.080	.87-14	Freightliner	



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-421	DS1276	29.44	1.102	.967	1.080	.87-14	Freightliner	FL and MB series



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-371	DS1180	31.69	1.250	1.080	1.360	.87-14	Peterbilt	



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-420	DS1275	32.03	1.102	.967	1.080	.87-14	Freightliner	



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-419	DS1274	32.58	1.102	.967	1.080	.87-14	Freightliner	



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-389	DS1221	32.61	1.102	.967	1.080	.87-14	Freightliner	

Nonreplaceable Ends

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Nonreplaceable Ends (sorted by overall length) — Ball stud dimensions same on both ends



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-458	DS1303	32.85	1.102	.967	1.080	.87-14	Nav/Int	



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-424	DS1339	33.49	1.102	.967	1.080	.87-14	Freightliner	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-428	DS1343	33.59	1.102	.967	1.080	.87-14	Freightliner	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-429	DS1344	34.62	1.102	.967	1.080	.87-14	Freightliner	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-214	DS944	35.43	.899	.783	.928	.75-16	Ford	Discontinued - data for reference only

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-307	DS1037	35.43	.899	.783	.928	.75-16	Ford	Discontinued - data for reference only

Drag Links

Nonreplaceable Ends

Nonreplaceable Ends (sorted by overall length) — Ball stud dimensions same on both ends



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-225	DS955	35.61	1.102	.967	1.080	.87-14	Ford	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-427	DS1342	38.38	1.102	.967	1.080	.87-14	Freightliner	Discontinued - data for reference only

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-306	DS1036	39.00	1.102	.967	1.080	.87-14	Ford	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-426	DS1341	39.95	1.102	.967	1.080	.87-14	Freightliner	Discontinued - data for reference only



Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Make	Remarks
346-375	DS1184	44.29	1.250	1.080	1.360	.87-14	Peterbilt	Discontinued - data for reference only

Nonreplaceable Ends

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Nonreplaceable Ends (sorted by overall length) — **Ball stud dimensions different on both ends**



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-376	DS1185	14.21	1.250	1.080	1.360	.87-14	1.252	1.252	None	Lock slot	Peterbilt	Discontinued - data for reference only



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-215	DS945	15.85	1.102	.967	1.080	.87-14	.899	.783	.928	.75-16	Ford	Discontinued - data for reference only



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-222	DS952	16.49	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	Discontinued - data for reference only



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-405	DS1265	17.53	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	L series 800/900



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-407	DS1267	17.53	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	L series 800/900 right only

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-207	DS937	17.70	1.030	.896	1.072	.75-16	.874	.762	.896	.62-18	GM	Discontinued - data for reference only

Drag Links

Nonreplaceable Ends

Nonreplaceable Ends (sorted by overall length) — Ball stud dimensions different on both ends



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-410	DS1270	17.91	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	L series 800/900



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-189	DS908	18.03	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	L series 800/900



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-450	DS1446	18.42	1.102	.967	1.080	.87-14	1.250	1.080	1.360	.87-14	Ford	



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-414	DS1370	18.45	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	B and F series

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-224	DS954	18.74	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	Discontinued - data for reference only



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-216	DS946	18.89	1.102	.967	1.080	.87-14	.899	.783	.928	.75-16	Ford	Discontinued - data for reference only

Nonreplaceable Ends

Drag Links

Drag Links

Nonreplaceable Ends (sorted by overall length) — **Ball stud dimensions different on both ends**



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-415	DS1371	19.01	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	B and F series



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-219	DS949	19.23	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	B and F series



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-379	DS1201	19.23	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	B and F series



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-340	DS1190	19.29	1.102	.967	1.080	.87-14	.899	.783	.928	.75-16	Ford	B and F series



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-412	DS1272	19.43	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	B and F series



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-413	DS1369	19.43	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	B and F series

Drag Links

Nonreplaceable Ends

Nonreplaceable Ends (sorted by overall length) — **Ball stud dimensions different on both ends**



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-411	DS1271	19.47	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	B and F series



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-228	DS958	19.88	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	Discontinued - data for reference only



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-404	DS1259	20.44	1.024	.915	.872	.75-16	.899	.783	.928	.75-16	Ford	B and F series

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-212	DS942	20.44	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	C series

No Product Photo Available

Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-436	DS1366	21.20	.903	.783	.928	.75-16	1.029	.915	.872	.87-14	Ford	B and F series



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-409	DS1269	22.61	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	L series 800/900

Nonreplaceable Ends

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Nonreplaceable Ends (sorted by overall length) — Ball stud dimensions different on both ends



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-416	DS1409	22.61	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	Discontinued - data for reference only

No Product Photo Available

Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-447	DS1443	26.83	1.102	.967	1.080	.87-14	1.250	1.080	1.360	.87-14	Ford	



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-406	DS1266	32.53	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	L series 800/900



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-408	DS1268	32.53	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	L series 800/900 right only



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-383	DS1207	32.62	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	L series 800/900



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-227	DS957	35.00	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	C series

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Nonreplaceable Ends

Nonreplaceable Ends (sorted by overall length) — Ball stud dimensions different on both ends

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-226	DS956	35.37	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	Discontinued - data for reference only



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-345	DS1194	36.15	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	L series 800/900



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-213	DS943	36.31	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	Discontinued - data for reference only



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-223	DS953	36.63	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	L series 800/900

No Photo Available
Discontinued Part
Data for Reference Only

Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-305	DS1035	37.07	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	Discontinued - data for reference only



Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-390	DS1234	37.13	1.250	1.080	1.360	.87-14	1.102	.967	1.080	.87-14	Ford	CF series

Replaceable Ends

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One Replaceable End (sorted by overall length) — **Ball stud dimensions may be different on both ends**

No Photo Available
Discontinued Part
Data for Reference Only

Replacement end - 310-326

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-290	DS1033	16.12	1.250	1.117	1.060	.87-14	1.250	1.117	1.060	.87-14	Volvo White	Discontinued - data for reference only



Replacement end - 310-434

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-279	DS1020	16.38	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Nav/Int	

No Photo Available
Discontinued Part
Data for Reference Only

Replacement end - 310-434

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-296	DS1027	16.88	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Nav/Int	Discontinued - data for reference only

No Photo Available
Discontinued Part
Data for Reference Only

Replacement end - 310-434

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-298	DS1029	16.88	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Nav/Int	Discontinued - data for reference only



Replacement end - 310-434

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-438	None	16.94	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Advance Mixer	



Replacement end - 310-317

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-282	DS1022	17.13	1.102	.967	1.080	.87-14	1.102	.967	1.080	.87-14	Nav/Int	

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Replaceable Ends

One Replaceable End (sorted by overall length) — **Ball stud dimensions may be different on both ends**



Replacement end - 310-434

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-297	DS1028	17.29	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Nav/Int	



Replacement end - 310-317

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-300	DS1031	17.37	1.102	.967	1.080	.87-14	1.102	.967	1.080	.87-14	Nav/Int	



Replacement end - 310-434

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-268	DS998	20.85	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Kenworth	



Replacement end - 310-326

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-273	DS999	23.44	1.250	1.117	1.064	.87-14	1.250	1.080	1.360	.87-14	Freightliner	Discontinued - data for reference only



Replacement end - 310-434

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-266	DS996	26.75	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Kenworth	Discontinued - data for reference only

No Photo Available
Discontinued Part
Data for Reference Only

Replacement end - 310-434

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-265	DS995	27.31	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Kenworth	Discontinued - data for reference only

Replaceable Ends

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One Replaceable End (sorted by overall length) — **Ball stud dimensions may be different on both ends**



Replacement end - 310-486

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-455	DS1291A	27.56	1.102	.967	1.080	.87-14	1.102	.967	1.080	.87-14	Nav/Int	



Replacement end - 310-434

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-262	DS992	29.56	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Kenworth	



Replacement end - 310-434

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-263	DS993	29.56	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Kenworth	



Replacement end - 310-434

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-264	DS994	30.56	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Kenworth	



Replacement end - 310-228

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-422	DS1336	31.33	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Freightliner	Discontinued - data for reference only



Replacement end - 310-228

Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-423	DS1337	31.85	1.250	1.080	1.360	.87-14	1.030	.896	1.072	.75-16	Freightliner	Discontinued - data for reference only

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Replaceable Ends

One Replaceable End (sorted by overall length) — **Ball stud dimensions may be different on both ends**



Replacement end - 310-317

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-301	DS1032	32.17	1.102	.967	1.080	.87-14	1.102	.967	1.080	.87-14	Nav/Int	Discontinued - data for reference only



Replacement end - 310-317

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-299	DS1030	32.65	1.102	.967	1.080	.87-14	1.102	.967	1.080	.87-14	Nav/Int	Discontinued - data for reference only



Replacement end - 310-434

Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-464	DS1299A	34.70	1.250	1.117	1.060	.87-14	1.250	1.080	1.360	.87-14	Nav/Int	



Replacement end - 310-434

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-437	None	39.25	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Advance Mixer	

No Photo Available
Discontinued Part
Data for Reference Only

Replacement end - 310-326

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-288	DS1026	41.29	1.250	1.117	1.060	.87-14	1.250	1.117	1.060	.87-14	Volvo White	Discontinued - data for reference only

No Photo Available
Discontinued Part
Data for Reference Only

Replacement end - 310-434

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-441	None	62.85	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Thomas	Discontinued - data for reference only

Replaceable Ends

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One Replaceable End (sorted by overall length) — **Ball stud dimensions may be different on both ends**

No Photo Available
Discontinued Part
Data for Reference Only

Replacement end - 310-434

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-442	None	64.06	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Thomas	Discontinued - data for reference only

Two Replaceable Ends (sorted by overall length) — **Ball stud dimensions may be different on both ends**



Replacement ends - 310-228 & 310-229

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-433	DS1349	18.00	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Freightliner	Discontinued - data for reference only



Replacement ends - 310-326 & 310-327

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-286	DS1024	18.38	1.250	1.117	1.060	.87-14	1.250	1.117	1.060	.87-14	Volvo White	



Replacement ends - 310-433 & 310-434

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-267	DS997	21.50	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Kenworth	Discontinued - data for reference only

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Replaceable Ends

Two Replaceable Ends (sorted by overall length) — **Ball stud dimensions may be different on both ends**



Replacement ends - 310-228 & 310-229

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-434	DS1350	31.50	1.250	1.080	1.360	.87-14	1.250	1.080	1.360	.87-14	Freightliner	



Replacement ends - 310-121 & 310-122

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-403	DS951	36.94	1.102	.967	1.080	.87-14	1.102	.967	1.080	.87-14	Ford	Discontinued - data for reference only

No Photo Available
Discontinued Part
Data for Reference Only

Replacement ends - 310-326 & 310-327

Ball stud dimensions same on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-287	DS1025	41.22	1.250	1.117	1.064	.87-14	1.250	1.117	1.064	.87-14	Volvo White	Discontinued - data for reference only



Replacement ends - 310-433 & 310-434

Ball stud dimensions different on both ends

Part No.	Industry No.	Length (A)	Large Dia (C)	Small Dia (D)	Taper Lgth (E)	Stud Thd (F)	Large Dia (C2)	Small Dia (D2)	Taper Lgth (E2)	Stud Thd (F2)	Make	Remarks
346-432	DS1348	50.25	1.250	1.080	1.360	.87-14	1.250	1.080	1.460	.87-14	Freightliner	Discontinued - data for reference only

All American FE - Wander Lodge M380

Bluebird

Bluebird

All American FE King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
13,200	FF982, 984, 986	✓ 300-317 (B)	1.794" X 8.84"		Screw in caps
		✓✓ 300-299 (C)	1.794" X 8.84"	R201419	Screw in caps

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
13,200	FF982, 984, 986	✓✓ 310-222 (LH)	5.44" C-E	2597151	
		✓✓ 310-223 (RH)	5.44" C-E	2597250	

Express Commuter Coach King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
16,000	FL931, 933, 941, 943, 951	✓✓ 300-216 (B)	1.999" X 11.21"	R200198	
		✓✓ 300-265 (C)	1.999" X 11.21"	R201312	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
16,000	FL931, 933, 941, 943, 951	✓✓ 310-229 (LH)	5.75" C-E	1300391	
		✓✓ 310-228 (RH)	5.75" C-E	1300383	
		✓✓ 310-433 (LH)	7.37" C-E	A3144G449	
		✓✓ 310-434 (RH)	7.37" C-E	A3144F448	
		✓ 310-396 (LH)	12.69" C-E	A3144C549	
		✓ 310-395 (RH)	12.69" C-E	A3144D550	

Ultra FL

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000	FD961	✓✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		✓ 300-266 (C)	1.794" X 10.40"	R201315	Draw key lengths 3.25" & 3.68"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000	FD961	✓✓ 310-222 (LH)	5.44" C-E	2597151	
		✓✓ 310-223 (RH)	5.44" C-E	2597250	

Ultra LMB

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,000	MFS07	300-314 (C)	1.498" X 7.15"	R201479	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,000	MFS07	◆ (LH)	10.32" C-E	A3144Q1135	
		◆ (RH)	10.32" C-E	A3144R1136	

Wander Lodge M380 King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	I-120SA	300-298 (C)	1.860" X 10.77"	120KK102	
	FF931, 932, 933, 934, 941, 942, 943, 944	✓✓ 300-232 (B)	1.794" X 10.40"	R200195	Draw key lengths 2.81" & 3.87"
		300-242 (C)	1.794" X 10.40"	R201307	Draw key lengths 2.81" & 3.87"
	FF981, 983, 986	✓ 300-317 (B)	1.794" X 8.84"		
✓✓ 300-299 (C)		1.794" X 8.84"		R201419	Screw in caps



Wander Lodge M380 (continued)

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	I-120SA, FF931, 932, 933, 934, 941, 942, 943, 944, 981, 983, 986	✓✓ 310-222 (LH)	5.44" C-E	2597151	
		✓✓ 310-223 (RH)	5.44" C-E	2597250	
	I-120SA	✓✓ 310-229 (LH)	5.75" C-E	1300391	
		✓✓ 310-228 (RH)	5.75" C-E	1300383	
		✓ 310-396 (LH)	12.69" C-E	220TR118	
		✓ 310-395 (RH)	12.69" C-E	220TR119	
		◆ (LH)	14.80" C-E	140TR114	
◆ (RH)	14.80" C-E	140TR115			

Wander Lodge 450LXi

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
14,000, 14,600	I-140SA, 146SA	300-298 (C)	1.860" X 10.77"	120KK102	
14,000	FG931, 933, 941, 943	300-264 (B)	1.794" X 10.40"	R201310	Draw key lengths 2.81 & 3.87
		300-244 (C)	1.794" X 10.40"	R201309	Draw key lengths 2.81 & 3.87

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
14,000, 14,600	I-140SA, 146SA, FG931, 933, 941, 943	✓✓ 310-222 (LH)	5.44" C-E	2597151	
		✓✓ 310-223 (RH)	5.44" C-E	2597250	
	I-140SA, 146SA	✓✓ 310-229 (LH)	5.75" C-E	1300391	
		✓✓ 310-228 (RH)	5.75" C-E	1300383	
		✓ 310-396 (LH)	12.69" C-E	220TR118	
		✓ 310-395 (RH)	12.69" C-E	220TR119	
		◆ (LH)	14.80" C-E	140TR114	
◆ (RH)	14.80" C-E	140TR115			

Xcel 102

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	I-120SA	300-298 (C)	1.860" X 10.77"	120KK102	
	FF931, 932, 933, 934, 941, 942, 943, 944	✓✓ 300-232 (B)	1.794" X 10.40"	R200195	Draw key lengths 2.81 & 3.87
		300-242 (C)	1.794" X 10.40"	R201307	Draw key lengths 2.81 & 3.87
	FF981, 983, 986	✓ 300-317 (B)	1.794" X 8.84"		Screw in caps
✓✓ 300-299 (C)		1.794" X 8.84"	R201419	Screw in caps	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	I-120SA, FF931, 932, 933, 934, 941, 942, 943, 944, 981, 983, 986	✓✓ 310-222 (LH)	5.44" C-E	2597251	
		✓✓ 310-223 (RH)	5.44" C-E	2597250	
	I-120SA	✓✓ 310-229 (LH)	5.75" C-E	1300391	
		✓✓ 310-228 (RH)	5.75" C-E	1300383	
		✓ 310-396 (LH)	12.69" C-E	220TR118	
		✓ 310-395 (RH)	12.69" C-E	220TR119	
		◆ (LH)	14.80" C-E	140TR114	
◆ (RH)	14.80" C-E	140TR115			



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand



Index and Identification

Dana/Spicer

Dana/Spicer

Model	Page Number
Models D600F through D2200F	51
Models I50 through I161	51
Models I60S through I1200S	52
Models I100SA through I146SA	53
Models I100W through I2220W	53

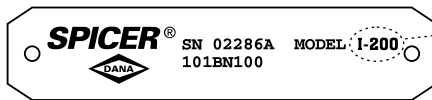
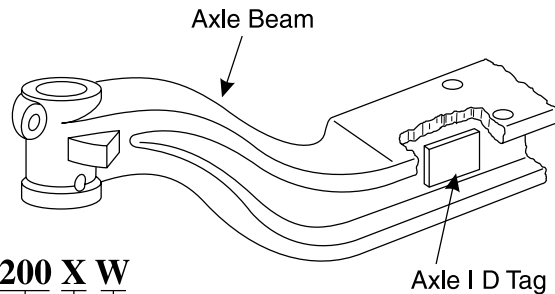
Dana Corp. - Spicer® Axles Non-Driving Front Axle Information

Location and Identification of Axle Specifications

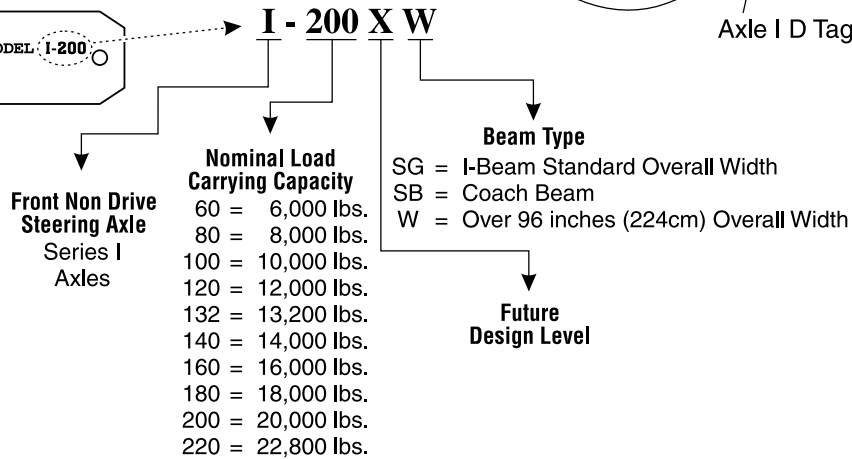
The front non drive steering axles are identified with a tag located between the spring pads, on the front side of the center beam section.

The axle tag contains the serial number, the model number, and the assembly number.

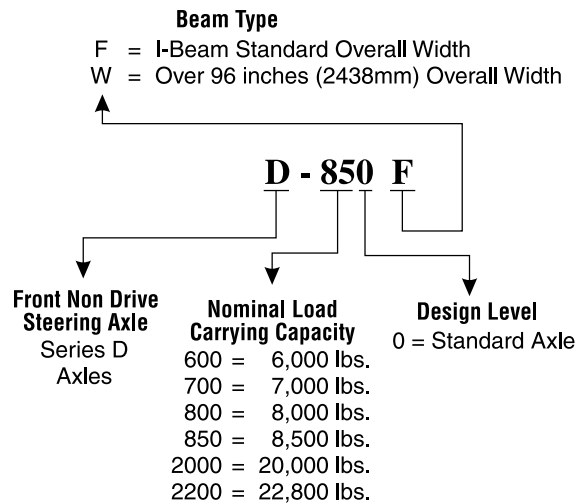
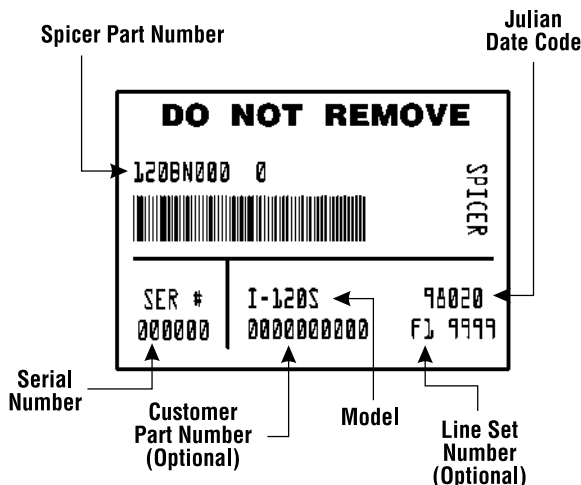
The model numbering system provides pertinent information about the axle for easy identification. Example —



Example of Tag Used on "I"-Family Front Axle



Example of Tag Used on "D"-Family & "I" Family Front Axle



Models D600F through D2200F King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000, 7,000, 8,000, 8,500	D600F/N, 700N, 800F/W, 850F/W	✓ 300-319 (C)	1.359" X 8.07"	329182	D800F/W after 9/18/02; Double draw keys on the same side
8,000	D800F/W	✓✓ 300-268 (B)	1.359" X 8.07"		D800F/W before 9/18/02
		300-282 (C)	1.359" X 8.07"	101KK111	D800F/W before 9/18/02
20,000, 22,000	D2000F, 2200F	◆ (C)	2.040" X 10.06"	331434	Use with 5" drop assembly
		◆ (C)	2.040" X 10.06"	331435	Use with 3.5" drop assembly

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000, 7,000	D600F/N, 700N, 800F/W	✓ 310-456 (LH)	6.00" C-E	817018	
		✓ 310-455 (RH)	6.00" C-E	817019	
8,500	D850F/W	310-502 (LH)	9.25" C-E	970579	
		310-503 (RH)	9.25" C-E	970580	
20,000, 22,000	D2000F, 2200F	✓ 310-396 (LH)	12.69" C-E	220TR118	Use with 5" drop assembly
		✓ 310-395 (RH)	12.69" C-E	220TR119	Use with 5" drop assembly
		◆ (LH)		220TR130	Use with 3.5" drop assembly
		◆ (RH)		220TR131	Use with 3.5" drop assembly

Models I50 through I161 King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
5,000, 6,000, 7,500	I50, 60, 75	300-218 (B)	1.359" X 7.79"	101KK113	Single draw key
		300-238 (B)	1.359" X 7.79"		.015 oversize
8,000	I80	✓✓ 300-268 (B)	1.359" X 8.07"		Double draw key
		300-282 (C)	1.359" X 8.07"	101KK111	Double draw key
9,000	I90	300-223 (B)	1.609" X 9.16"	493095C91	Single draw key
		300-248 (B)	1.609" X 9.16"	309KK103	Double draw key
10,800, 12,000, 13,200	I108, 120, 132	300-249 (B)	1.609" X 9.66"		Double draw key
		300-269 (C)	1.609" X 9.66"	343KK100	Double draw key
16,000	I161	◆ (C)	1.790" X 11.00"	329116	Neoplan bus

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
5,000, 6,000, 7,500, 8,000	I50, 60, 75, 80	310-183 (LH)	4.43" C-E	101TR114	
		310-184 (RH)	4.43" C-E	101TR115	
9,000, 10,800, 12,000, 13,200	I90, 108, 120, 132	◆ (LH)	5.44" C-E	339TR115	
		◆ (RH)	5.44" C-E	339TR116	
		✓✓ 310-215 (LH)	9.18" C-E	140TR111	
		✓✓ 310-216 (RH)	9.18" C-E	140TR112	
16,000	I161	✓✓ 310-228 (LH)	5.75" C-E	220TR116	Neoplan bus
		✓✓ 310-229 (RH)	5.75" C-E	220TR117	Neoplan bus

Models I60S through I200S

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000, 8,000	I60S, 80S, 02ADA, 02ADB	✓✓ 300-218 (B)	1.359" X 7.79"	101KK113	Single draw key
		✓✓ 300-268 (B)	1.359" X 8.07"		Double draw key
		✓✓ 300-282 (C)	1.359" X 8.07"	101KK111	Double draw key
10,000, 12,000	I100S/SG, 120S/SG, 02ADC, 02ADD	✓✓ 300-276 (B)	1.921" X 9.87"		Knuckle 220SC100
		✓✓ 300-271 (C)	1.921" X 9.87"	120KK100	Knuckle 220SC100
13,200, 14,000	I132SG, 140S/SG, 02ADE, 02ADG	✓✓ 300-277 (B)	2.046" X 10.12"		
		✓✓ 300-272 (C)	2.046" X 10.12"	140KK100	
16,000	I160S	◆ (C)	2.046" X 11.00	161KK100	MCI bus
16,000, 18,000, 20,000	I160S, 180S, 200S	◆ (C)	2.046" X 10.94"	151KK101	
10,000, 12,000, 14,000	I100S/SG, 120S/SG, 140S/SG, 02ADC, 02ADD, 02ADG	✓✓ 300-278 (B)	2.046" X 10.94"	220KK100	Knuckle 220SC108

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000, 8,000	I60S, 80S, 02ADA, 02ADB	✓✓ 310-437 (LH)	11.89" C-E	080TR116	Dropped design tie rod end
		✓✓ 310-438 (RH)	11.89" C-E	080TR117	Dropped design tie rod end
10,000, 12,000, 13,200, 14,000	I100S/SG, 120S/SG, 132SG, 140S/SG, 02ADC, 02ADD, 02ADE, 02ADG	✓✓ 310-222 (LH)	5.44" C-E	120TR109	
		✓✓ 310-223 (RH)	5.44" C-E	120TR110	
		✓ 310-396 (LH)	12.69" C-E	220TR118	Dropped design tie rod end
		✓ 310-395 (RH)	12.69" C-E	220TR119	Dropped design tie rod end
10,000, 12,000, 13,200, 14,000, 16,000, 18,000, 20,000	I100S/SG, 120S/SG, 132SG, 140S/SG, 160S/SG, 180S/SG, 200S/SG, 02ADC, 02ADD, 02ADE, 02ADG	✓✓ 310-229 (LH)	5.75" C-E	220TR117	
		✓✓ 310-228 (RH)	5.75" C-E	220TR116	
10,000, 13,200, 14,000	I100S/SG, 132SG, 140S/SG, 02ADC, 02ADE, 02ADG	✓✓ 310-215 (LH)	9.18" C-E	140TR111	
		✓✓ 310-216 (RH)	9.18" C-E	140TR112	
12,000	I120S/SG, 02ADD	◆ (LH)	14.80" C-E	140TR114	Dropped design tie rod end
		◆ (RH)	14.80" C-E	140TR115	Dropped design tie rod end
13,200, 14,000	I132SG, 140S/SG, 02ADE, 02ADG	✓ 310-456 (LH)	6.00" C-E	817018	
		✓ 310-455 (RH)	6.00" C-E	817019	

Models I100SA through I146SA King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000	I100SA	✓✓ 300-276 (B)	1.921" X 9.87"		
		300-271 (C)	1.921" X 9.87"	120KK100	
12,000, 14,000, 14,600	I120SA, 140SA, 146SA	300-298 (C)	1.860" X 10.77"	120KK102	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000, 12,000, 14,000, 14,600	I100SA, 120SA, 140SA, 146SA	✓✓ 310-222 (LH)	5.44" C-E	120TR109	
		✓✓ 310-223 (RH)	5.44" C-E	120TR110	
		✓✓ 310-229 (LH)	5.75" C-E	220TR117	
		✓✓ 310-228 (RH)	5.75" C-E	220TR116	
		✓ 310-396 (LH)	12.69" C-E	220TR118	Dropped design tie rod end
		✓ 310-395 (RH)	12.69" C-E	220TR119	Dropped design tie rod end
10,000, 14,000, 14,600	I100SA, 140SA, 146SA	✓✓ 310-215 (LH)	9.18" C-E	140TR111	
		✓✓ 310-216 (RH)	9.18" C-E	140TR112	
12,000	I120SA	◆ (LH)	14.80" C-E	140TR114	Dropped design tie rod end
		◆ (RH)	14.80" C-E	140TR115	Dropped design tie rod end
14,000, 14,600	I140SA, 146SA	✓ 310-456 (LH)	6.00" C-E	817018	
		✓ 310-455 (RH)	6.00" C-E	817019	

Models I100W through I2220W King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000, 12,000, 14,000	I100W, 120W, 140W	300-272 (C)	2.046" X 10.12"	329022	
16,000	I160W	300-322 (C)	2.046" X 10.94"	329023	
18,000, 20,000, 22,000	I180W, 200W, 220W	(C)	2.046" X 10.94"	329070	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000, 12,000, 14,000	I100W, 120W, 140W	✓✓ 310-433 (LH)	7.37" C-E	818472	
		✓✓ 310-434 (RH)	7.37" C-E	818471	
16,000, 18,000, 20,000, 22,000	I160W, 180W, 200W, 220W	◆ (LH)		220TR130	
		◆ (RH)		220TR131	

Index and Identification

Eaton

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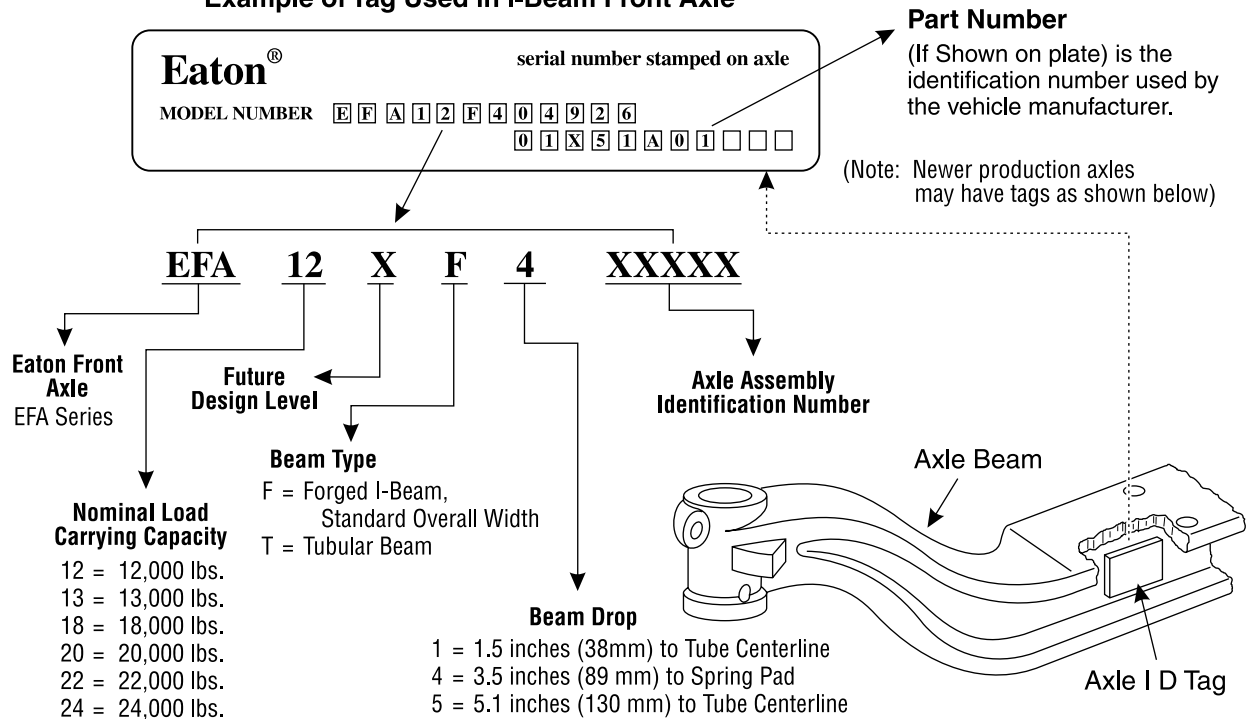
Model	Page Number
Conventional Steering Arm Axles	55
Integral Steering Arm Axles - Single Draw Key	55
Integral Steering Arm Axles - Double Draw Key	56

Eaton® Axles Non-Driving Front Axle Information Location and Identification of Axle Specifications

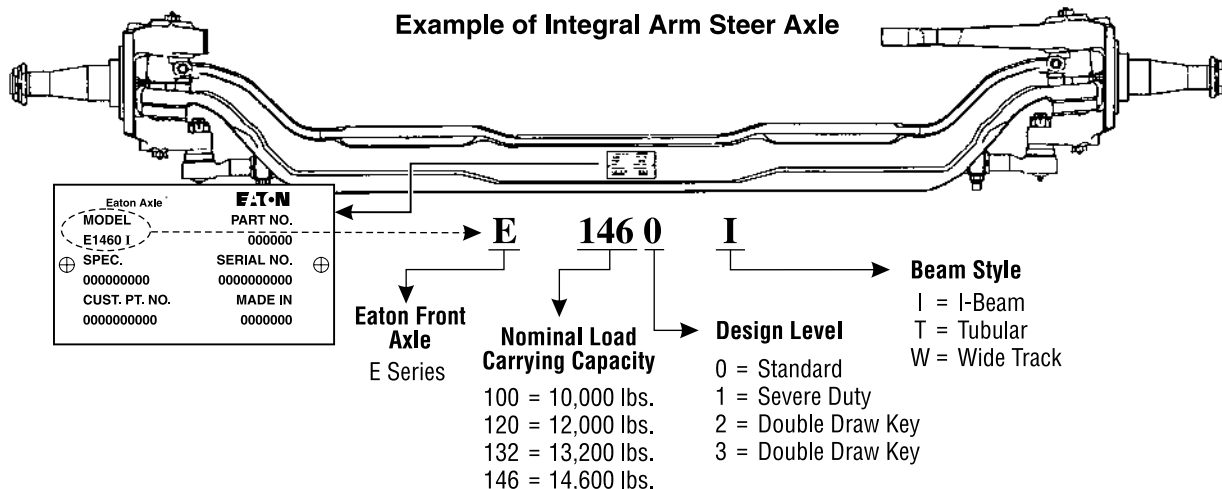
The Model and Part Numbers are stamped on a plate that is attached to the front side of the axle beam.

The Model Number describes the axle specifications. Example —

Example of Tag Used in I-Beam Front Axle



Example of Integral Arm Steer Axle



Conventional Steering Arm Axles King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000, 13,000	EFA-12F3, 13F3	300-275 (B)	1.625" X 9.20"		Bronze thrust bearing 0.42" x 3.08"
		300-258 (C)	1.625" X 9.20"	806356	Bronze thrust bearing 0.42" x 3.08"
12,000, 13,000	EFA-12F4, 13F5	✓✓ 300-274 (B)	1.625" X 9.20"		Roller thrust bearing 0.66" x 3.36"
		✓ 300-257 (C)	1.625" X 9.20"	806355	Roller thrust bearing 0.66" x 3.36"
18,000, 20,000, 22,000, 24,000	EFA18F3, 20F4, 22T2/T5, 24T2/T5	300-325 (B)	1.872" X 9.97"	329434	For axles before 01/01/2000; T189S thrust bearing; Bearing thickness is .906"
		300-326 (C)	1.872" X 9.97"	811525	For axles before 01/01/2000; T189S thrust bearing; Bearing thickness is .906"
		✓ 300-283 (B)	1.872" X 9.97"	329433	For axles after 01/01/2000; T188S thrust bearing; Bearing thickness is .937"
		300-267 (C)	1.872" X 9.97"	329432	For axles after 01/01/2000; T188S thrust bearing; Bearing thickness is .937"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000, 13,000	EFA12F3/F4, 13F3/F5	✓✓ 310-222 (LH)	5.44" C-E	1006146	
		✓✓ 310-223 (RH)	5.44" C-E	1006147	
		✓ 310-285 (LH)	8.12" C-E	1009009	Dropped design tie rod end
		✓ 310-286 (RH)	8.12" C-E	1009010	Dropped design tie rod end
18,000, 20,000, 22,000, 24,000	EFA-18F3, 20F4, 22T2/T5, 24T2/T5	✓✓ 310-433 (LH)	7.37" C-E	818472 820626 820694	
		✓✓ 310-434 (RH)	7.37" C-E	818471 820627 820695	
		◆ (LH)		820701	
		◆ (RH)		820702	

Integral Steering Arm Axles - Single Draw Key King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000, 12,000, 13,200	E1000I/W, 1200I/W, 1201W, 1320I/W	✓✓ 300-297 (B)	1.794" X 9.05"	328342	T182 thrust bearing
		✓✓ 300-293 (C)	1.794" X 9.05"	823078 328344	T182 thrust bearing
14,600	E1460I/W	300-294A (B)	1.872" X 9.07"	824530 329405	For axles before 01/01/2000; T189S thrust bearing; Bearing thickness is .906"
		300-295A (C)	1.872" X 9.07"	824920 329404	For axles before 01/01/2000; T189S thrust bearing; Bearing thickness is .906"
		300-307 (B)	1.872" X 9.07"	328343	For axles after 01/01/2000; T188S thrust bearing; Bearing thickness is .937"
		300-308 (C)	1.872" X 9.07"	328345	For axles after 01/01/2000; T188S thrust bearing; Bearing thickness is .937"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000, 12,000, 13,200	E1000I/W, 1200I/W, 1201W, 1320I/W	✓ 310-456 (LH)	6.00" C-E	817018, 970701	
		✓ 310-455 (RH)	6.00" C-E	817019, 970702	
12,000, 13,200	E1201W, 1320I	310-502 (LH)	9.25" C-E	970579	
		310-503 (RH)	9.25" C-E	970580	
13,200, 14,600	E1320W, 1460I/W	✓✓ 310-433 (LH)	7.37" C-E	818472	
		✓✓ 310-434 (RH)	7.37" C-E	818471	
14,600	E1460W	310-504 (LH)		971136	
		310-505 (RH)		971137	

Integral Steering Arm

Eaton

Eaton

Integral Steering Arm Axles - Dual Draw Key King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	E1203I	300-303 (B)	1.794" X 9.05"	328346	Double draw keys on the same side of the pin; T182S thrust bearing
		300-304 (C)	1.794" X 9.05"	328348	Double draw keys on the same side of the pin; T182S thrust bearing
10,000, 12,000, 13,200, 14,600	E1002I/W, 1202I/W, 1322I/W, 1462I/W	300-305 (B)	1.872" X 9.07"	328347	Double draw keys on the same side of the pin; T188S thrust bearing
		300-306 (C)	1.872" X 9.07"	328349	Double draw keys on the same side of the pin; T188S thrust bearing

Tie Rod Ends

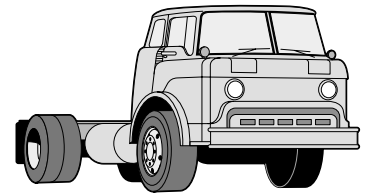
Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000, 12,000, 13,200	E1000I/W, 1202I/W, 1203I, 1322I	✓ 310-456 (LH)	6.00" C-E	817018, 970701	
		✓ 310-455 (RH)	6.00" C-E	817019, 970702	
13,200, 14,600	E1322W, E1460I/W	✓✓ 310-433 (LH)	7.37" C-E	818472	
		✓✓ 310-434 (RH)	7.37" C-E	818471	



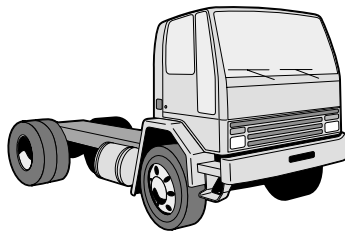
Model	Page Number
Aeromax (New Design)	67
B, F and FT - Series	60
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CF and CFT - Series	59
CL and CLT - Series	60
L - Series; LN500/750	63
L - Series; 800/900	64
Louisville (New Design)	66
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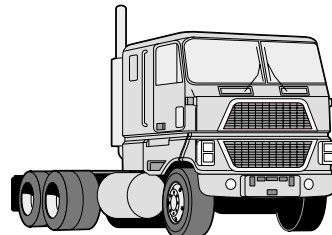
B (School Bus)



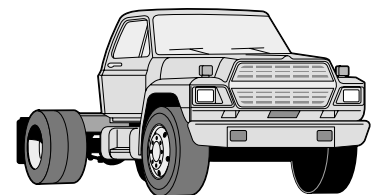
C, CT



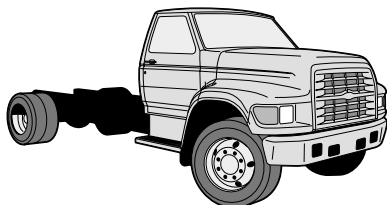
CF, CFT (Cargo)



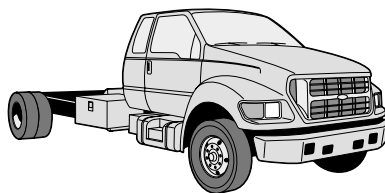
CL, CLT



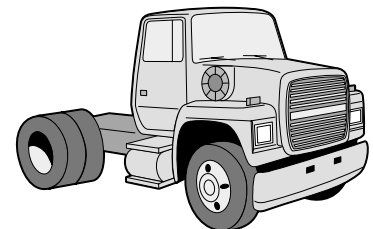
F, FT



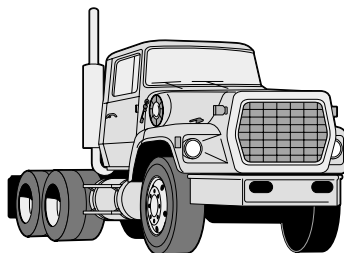
F, FT



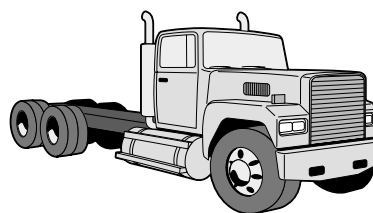
**F - Super Duty
(F650 and F750)**



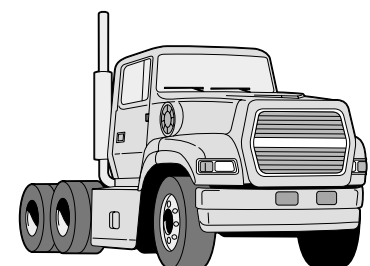
L, LT, LN, LNT (To 1995)



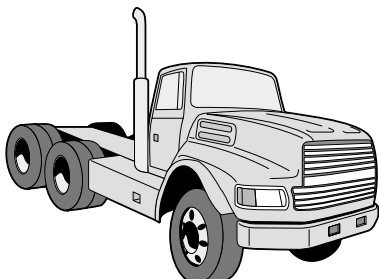
LS, LTS (To 1995)



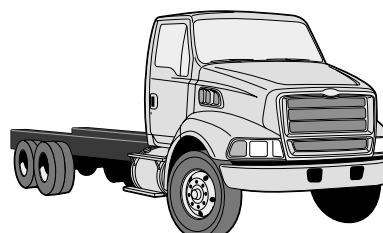
LL, LTL (To 1995)



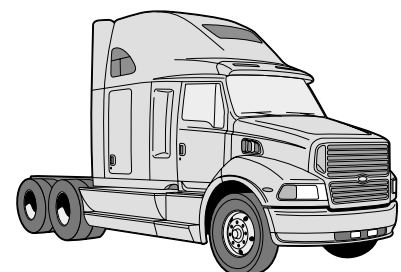
Aeromax 106 (LA, LTA) (To 1995)



**Aeromax 120 (LLA, LTLA)
LLS, LTLS (To 1995)**



L and LT (1996-98)



Aeromax A and AT (1996-98)

C and CT Series

Ford

Ford

C and CT - Series

C500, C550, C600, C700, C750, C800, C850, C900, C950, C1000 and C1100

CT750, CT800, CT850, CT900 and CT950

King Pin Sets

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
6,000	1964-68	300-115 (B)	1.234" X 7.48"	B7TZ3111A	Before serial no. C70,001
	1968-70	300-140 (B)	1.234" X 7.44"	B7TZ3111F	Before serial no. C70,001; 1.75" long bushings
	1970-79	300-180 (B)	1.231" X 8.89"	C7TZ3111A	
		300-179 (N)	1.231" X 8.89"	C7TZ3111A	
		300-181 (B)	1.231" X 8.89"	D3TZ3111A	.010 oversize
7,000	1964-70	300-140 (B)	1.234" X 7.44"	B7TZ3111F	From serial no. G70,001; 1.75" long bushings
	1970-86	300-180 (B)	1.231" X 8.89"	C7TZ3111A	Hydraulic brakes
		300-179 (N)	1.231" X 8.89"	C7TZ3111A	Hydraulic brakes
		300-181 (B)	1.231" X 8.89"	D3TZ3111A	.010 oversize; Hydraulic brakes
	1975-89	300-207 (B)	1.433" X 8.25"	D6TZ3111A	Air brakes
9,000	1987-89	300-207 (B)	1.433" X 8.25"	D6TZ3111A	Air brakes
	1964-83	300-159 (B)	1.434" X 8.50"	D1HZ3111A	Hydraulic brakes
	1975-90	300-215 (B)	1.607" X 9.08"	D6HZ3111B	
10,000	1990	300-281 (B)	1.794" X 10.07"	F0HZ3111A	T-1921 bearing; Screw in caps; Aluminum axle
11,000	1964-70	◆		C4TZ3111B	Before serial no. G70,001; Center point steering
	1970-78	300-195 (B)	1.607" X 8.74"	D0HZ3111C	Center point steering
12,000	1966-70	◆		C4TZ3111B	Before serial no. G70,001; Center point steering
	1970-78	300-195 (B)	1.607" X 8.74"	D0HZ3111C	Center point steering
		◆ (N)	1.607" X 8.74"	C4TZ3111A	Center point steering
		300-182 (B)	1.794" X 9.12"	D1HZ3111B	Hydraulic brakes
	1975-90	300-217 (B)	1.794" X 10.07"	D6HZ3111A	T-182 bearing; Bolt on caps; Air brakes
	1990	300-281 (B)	1.794" X 10.07"	F0HZ3111A	T-1921 bearing; Screw in caps; Aluminum axle
16,000, 18,000	1975-90	300-216 (B)	1.999" X 11.21"	D5HZ3111C	Air brakes

Tie Rod Ends

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
6,000	1968-70	310-142 (LH)	3.88" C-E	C1TZ3A131B	Before serial no. G70,001
		310-143 (RH)	3.88" C-E	C1TZ3A130B	Before serial no. G70,001
	1970-79	310-183 (LH)	4.43" C-E	E8HZ3A131A	
		310-184 (RH)	4.43" C-E	C7TZ3A130D	
7,000	1964-70	310-142 (LH)	3.88" C-E	C1TZ3A131B	Before serial no. G70,001
		310-143 (RH)	3.88" C-E	C1TZ3A130B	Before serial no. G70,001
	1970-86	310-183 (LH)	4.43" C-E	E8HZ3A131A	Hydraulic brakes
		310-184 (RH)	4.43" C-E	C7TZ3A130D	Hydraulic brakes
		1975-89	310-266 (LH)	6.00" C-E	F0HZ3A131F
310-267 (RH)	6.00" C-E		F0HZ3A131E	Air brakes	
9,000	1964-83	310-121 (LH)	4.88" C-E	C1TZ3A131C	Hydraulic brakes
		310-122 (RH)	4.88" C-E	C8TZ3A130A	Hydraulic brakes
	1975-90	310-266 (LH)	6.00" C-E	F0HZ3A131F	Air brakes
		310-267 (RH)	6.00" C-E	F0HZ3A131E	Air brakes
10,000	1990	310-222 (LH)	5.44" C-E	D0HZ3A131A	Aluminum axle
		310-223 (RH)	5.44" C-E	D0HZ3A130A	Aluminum axle
11,000	1964-72	◆ (LH)		C4TZ3A131A	Center point steering
		◆ (RH)		C4TZ3A130A	Center point steering
12,000	1966-75	◆ (LH)		C4TZ3A131A	Center point steering
		◆ (RH)		C4TZ3A130A	Center point steering
		310-229 (LH)	5.75" C-E	D0HZ3A131B	Hydraulic Brakes
		310-228 (RH)	5.75" C-E	D0HZ3A130B	Hydraulic brakes
	1975-90	310-222 (LH)	5.44" C-E	D0HZ3A131A	Air brakes
		310-223 (RH)	5.44" C-E	D0HZ3A130A	Air brakes

C and CT - Series Tie Rod Ends (continued)

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
16,000	1964-75	✓✓ 310-229 (LH)	5.75" C-E	D0HZ3A131B	
		✓✓ 310-228 (RH)	5.75" C-E	D0HZ3A130B	
16,000, 18,000	1975-90	✓✓ 310-222 (LH)	5.44" C-E	D0HZ3A131A	
		✓✓ 310-223 (RH)	5.44" C-E	D0HZ3A130A	
18,000, 20,000	1998	310-473 (RH)	7.18" C-E	F5HZ3A131B	From 7/93
		310-474 (LH)	7.18" C-E	F5HZ3A130B	From 7/93

Drag Links; Manual steering

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
6,000	1964-65	◆	39.13" C-C	C2TZ3304C	
7,000	1964-65	◆	39.13" C-C	C2TZ3304C	
11,000	1964-72	◆	37.15" C-C	C4TZ3304E	Center point steering
		◆	39.06" C-C	C4TZ3304D	Center point steering
12,000	1964-75	◆	37.15" C-C	C4TZ3304E	Before serial no. W40,001; Center point steering
	1964-75	◆	39.06" C-C	C4TZ3304D	Before serial no. W40,001; Center point steering

Drag Links; Nonintegral power steering (Rear connecting links only)

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
6,000, 7,000	1964-65	◆	18.25" C-C	B7T3291A	
9,000	1964-65	◆	18.88" C-C	B7QH3291A	
	1966-76	346-178	19.50" C-C	C1TT3A158F	Hydraulic brakes
11,000	1964-65	◆	18.88" C-C	B7QH3291A	
	1966-72	346-178	19.50" C-C	C1TT3A158F	Before serial no. W40,001
12,000	1964-65	◆	18.88" C-C	B7QH3291A	
	1966-76	346-178	19.50" C-C	C1TT3A158F	Hydraulic brakes
16,000, 18,000	1964-65	◆	18.88" C-C	B7QH3291A	
	1966-75	346-178	19.50" C-C	C1TT3A158F	Hydraulic brakes

Drag Links; Integral power steering

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
12,000, 16,000, 18,000	1976-90	346-227	35.00" C-C	F0HZ3304B	

CF and CFT - Series CF600, CF700 and CF800 - CFT800 King Pin Sets

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
9,000	1986-89	300-215 (B)	1.607" X 9.08"	D6HZ3111B	Bolt on caps; Before January 1989
	1989-98	300-263 (B)	1.607" X 9.08"	E9HZ3111B	Screw in caps; From January 1989
11,000	1989	✓ 300-217 (B)	1.794" X 10.07"	D6HZ3111A	T-182 bearing; Bolt on caps
12,000	1986-88	✓ 300-217 (B)	1.794" X 10.07"	D6HZ3111A	T-182 bearing; Bolt on caps
	1989-91	300-262 (B)	1.794" X 10.07"	E9HZ3111A	T-182 bearing; Screw in caps
	1990-98	300-281 (B)	1.794" X 10.07"	F0HZ3111A	T-1921 bearing; Screw in caps
13,000	1987-89	✓ 300-217 (B)	1.794" X 10.07"	D6HZ3111A	T-182 bearing; Bolt on caps
	1990-91	300-262 (B)	1.794" X 10.07"	E9HZ3111A	T-182 bearing; Screw in caps
	1990-98	300-281 (B)	1.794" X 10.07"	F0HZ3111A	T-1921 bearing; Screw in caps

Tie Rod Ends

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
9,000	1986-94	310-266 (LH)	6.00" C-E	F0HZ3A131F	
		310-267 (RH)	6.00" C-E	F0HZ3A131E	

- ◆ Not Serviced by Dayton Parts
- ✓ Popular
- ✓✓ Most Popular
- (B) Bi-Metal Bushing
- (C) Composite Bushing
- (N) Nylon Bushing
- (P) Plastic Bushing
- (C-C) Stud Center to Stud Center
- (C-E) Stud Center to End
- (LH) Left Hand
- (RH) Right Hand

CF and CFT Series B, F and FT Series

Ford

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CF and CFT - Series

Tie Rod Ends *(continued)*

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
9,000 (cont.)	1995-98	310-473 (LH)	7.18" C-E	F5HZ3A131B	
		310-474 (RH)	7.18" C-E	F5HZ3A130B	
11,000, 12,000	1986-98	310-266 (LH)	6.00" C-E	F0HZ3A131F	
		310-267 (RH)	6.00" C-E	F0HZ3A131E	
13,000	1987-91	310-266 (LH)	6.00" C-E	F0HZ3A131F	
		310-267 (RH)	6.00" C-E	F0HZ3A131E	
	1992-98	310-471 (LH)	6.00" C-E	F3HZ3A131B	
		310-472 (RH)	6.00" C-E	F3HZ3A130B	

Drag Links

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
All	1986-90	◆		E6HZ3304B	Single rear axle only
	1988-90	◆		E8HZ3304C	Tandem rear axle only
	1991-98	346-390	37.13" C-C	F1HZ3304L	

CL and CLT - Series

CL900 and CLT900

King Pin Sets

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
11,000	1987-89	✓ 300-217 (B)	1.794" X 10.07"	D6HZ3111A	T-182 bearing; Bolt on caps
12,000	1978-89	✓ 300-217 (B)	1.794" X 10.07"	D6HZ3111A	T-182 bearing; Bolt on caps; Steel axle
	1989-91	300-262 (B)	1.794" X 10.07"	E9HZ3111A	T-182 bearing; Screw in caps; Steel axle
	1990-91	300-281 (B)	1.794" X 10.07"	F0HZ3111A	T-1921 bearing; Screw in caps; Steel axle
	1978-86	300-227 (B)	1.794" X 10.07"	D8HZ3111A	T-1921 bearing; Bolt on caps; Aluminum axle
	1987-89	✓ 300-217 (B)	1.794" X 10.07"	D6HZ3111A	T-182 bearing; Bolt on caps; Aluminum axle
	1990-91	300-281 (B)	1.794" X 10.07"	F0HZ3111A	T-1921 bearing; Screw in caps; Aluminum axle

Tie Rod Ends

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
11,000, 12,000	1978-91	✓✓ 310-222 (LH)	5.44" C-E	D0HZ3A131A	
		✓✓ 310-223 (RH)	5.44" C-E	D0HZ3A130A	

Drag Links

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
11,000, 12,000	1978-91	◆	19.88" C-C	E4HZ3304A	

B, F and FT - Series

B600, B700 and B750

F600, F700, F750, F800 and F880

F600, F700 and F800 Low Profile

FT800 and FT900

King Pin Sets

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
4,700	1957-62	300-134 (B)	1.129" X 7.67"	B7TZ3111A	
5,000	1973-79	300-155 (B)	1.231" X 7.86"	C3TZ3111A	
		300-156 (B)	1.231" X 7.86"	C3TZ3111A	.010 oversize
5,500	1973-83	300-155 (B)	1.231" X 7.86"	C3TZ3111A	
		300-156 (B)	1.231" X 7.86"	C3TZ3111A	.010 oversize
6,000	1973-88	300-180 (B)	1.231" X 8.89"	C7TZ3111A	
		300-179 (N)	1.231" X 8.89"	C7TZ3111A	
		300-181 (B)	1.231" X 8.89"	D3TZ3111A	.010 oversize
	1989-99	✓ 300-260 (B)	1.300" X 7.75"	E8HZ3111A	



Ford

B, F and FT Series

Ford

B, F and FT - Series King Pin Sets (continued)

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
7,000	1973-88	300-180 (B)	1.231" X 8.89"	C7TZ3111A	Hydraulic brakes
		300-179 (N)	1.231" X 8.89"	C7TZ3111A	Hydraulic brakes
		300-181 (B)	1.231" X 8.89"	D3TZ3111A	.010 oversize; Hydraulic brakes
	1973-75	300-180 (B)	1.231" X 8.89"	C7TZ3111A	Air brakes
		300-179 (N)	1.231" X 8.89"	C7TZ3111A	Air brakes
		300-181 (B)	1.231" X 8.89"	D3TZ3111A	.010 oversize; Air brakes
	1975-88	✓ 300-207 (B)	1.433" X 8.25"	D6TZ3111A	Air brakes
1989-97	✓ 300-260 (B)	1.300" X 7.75"	E8HZ3111A		
7,500	1980-83	✓ 300-207 (B)	1.433" X 8.25"	D6TZ3111A	
8,000	1984-88	✓ 300-207 (B)	1.433" X 8.25"	D6TZ3111A	
	1989-99	✓ 300-286 (B)	1.433" X 8.25"	E9HZ3111C	Air brakes; From February 1991
8,500	2000-04	✓ 300-319 (C)	1.359" X 8.07"	329182	D800F/W after 9/18/02; Double draw keys on the same side
9,000	1973-75	300-159 (B)	1.434" X 8.50"	D1HZ3111A	Hydraulic brakes
	1973-79	300-159 (B)	1.434" X 8.50"	D1HZ3111A	Air brakes
	1975-88	✓ 300-207 (B)	1.433" X 8.25"	D6TZ3111A	Air brakes
	1989-99	✓ 300-286 (B)	1.433" X 8.25"	E9HZ3111C	Air brakes; From February 1991
	1983	300-215 (B)	1.607" X 9.08"	D6HZ3111B	Heavy duty
10,000	1987-89	✓ 300-217 (B)	1.794" X 10.07"	D6HZ3111A	T-182 bearing; Bolt on caps
		300-261 (C)	1.794" X 10.07"	D6HZ3111C	T-182 bearing; Bolt on caps
	1990-99	300-262 (B)	1.794" X 10.07"	E9HZ3111A	T-182 bearing; Screw in caps; Steel axle
		300-281 (B)	1.794" X 10.07"	F0HZ3111A	T-1921 bearing; Screw in caps; Aluminum axle
12,000	1983-88	✓ 300-217 (B)	1.794" X 10.07"	D6HZ3111A	T-182 bearing; Bolt on caps
		300-261 (C)	1.794" X 10.07"	D6HZ3111C	T-182 bearing; Bolt on caps
	1989-91	300-262 (B)	1.794" X 10.07"	E9HZ3111A	T-182 bearing; Screw in caps
	1990-98	300-281 (B)	1.794" X 10.07"	F0HZ3111A	T-1921 bearing; Screw in caps
14,600	1995-98	300-292 (B)	1.811" X 10.54"	F5HZ3111A	

Tie Rod Ends

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
5,000	1973-79	310-183 (LH)	4.43" C-E	E8HZ3A131A	
		310-184 (RH)	4.43" C-E	C7TZ3A130D	
5,500	1973-83	310-183 (LH)	4.43" C-E	E8HZ3A131A	
		310-184 (RH)	4.43" C-E	C7TZ3A130D	
6,000	1973-89	310-183 (LH)	4.43" C-E	E8HZ3A131A	
		310-184 (RH)	4.43" C-E	C7TZ3A130D	
	1990-98	310-271 (LH)	4.93" C-E	F0HZ3A131C	Except low profile
		310-272 (RH)	4.93" C-E	F0HZ3A130C	Except low profile
	1990-98	310-266 (LH)	6.00" C-E	F0HZ3A131F	Except low profile
		310-267 (RH)	6.00" C-E	F0HZ3A131E	Except low profile
	1995-99	310-471 (LH)	6.00" C-E	F3HZ3A131B	Except low profile
		310-472 (RH)	6.00" C-E	F3HZ3A130B	Except low profile
	1990-98	310-421 (LH)	13.25" C-E	F0HZ3A131D	Low profile; r/b F0HZ3A130G 1998
		310-422 (RH)	13.25" C-E	F0HZ3A130D	Low profile; r/b F0HZ3A130F 1998
7,000, 7,500	1973-79	◆ (LH)		D1TZ3A131A	Front drive axle
		◆ (RH)		D1TZ3A131A	Front drive axle
	1973-88	310-183 (LH)	4.43" C-E	E8HZ3A131A	Hydraulic brakes
		310-184 (RH)	4.43" C-E	C7TZ3A130D	Hydraulic brakes
	1973-75	310-183 (LH)	4.43" C-E	E8HZ3A131A	Air brakes
		310-184 (RH)	4.43" C-E	C7TZ3A130D	Air brakes
	1975-88	310-266 (LH)	6.00" C-E	F0HZ3A131F	Air brakes
		310-267 (RH)	6.00" C-E	F0HZ3A131E	Air brakes
	1989	310-183 (LH)	4.43" C-E	E8HZ3A131A	
		310-184 (RH)	4.43" C-E	C7TZ3A130D	



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand



B, F and FT Series

Ford

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B, F and FT - Series Tie Rod Ends (continued)

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
7,000 (cont.)	1990-94	310-271 (LH)	4.93" C-E	F0HZ3A131C	Except low profile
		310-272 (RH)	4.93" C-E	F0HZ3A130C	Except low profile
		310-266 (LH)	6.00" C-E	F0HZ3A131F	Except low profile
		310-267 (RH)	6.00" C-E	F0HZ3A131E	Except low profile
	1995-99	310-471 (LH)	6.00" C-E	F3HZ3A131B	Except low profile
		310-472 (RH)	6.00" C-E	F3HZ3A130B	Except low profile
	1990-97	310-421 (LH)	13.25" C-E	F0HZ3A131D	Low profile
		310-422 (RH)	13.25" C-E	F0HZ3A130D	Low profile
8,000, 8,500	1984-98	310-266 (LH)	6.00" C-E	F0HZ3A131F	
		310-267 (RH)	6.00" C-E	F0HZ3A131E	
	1995-99	310-473 (LH)	7.18" C-E	F5HZ3A131B	
		310-474 (RH)	7.18" C-E	F5HZ3A130B	
9,000	1973-79	310-121 (LH)	4.88" C-E	C1TZ3A131C	Hydraulic brakes
		310-122 (RH)	4.88" C-E	C8TZ3A130A	Hydraulic brakes
	1973-75	310-121 (LH)	4.88" C-E	C1TZ3A131C	Air brakes
		310-122 (RH)	4.88" C-E	C8TZ3A130A	Air brakes
	1975-94	310-266 (LH)	6.00" C-E	F0HZ3A131F	Air brakes
		310-267 (RH)	6.00" C-E	F0HZ3A131E	Air brakes
	1995-98	310-473 (LH)	7.18" C-E	F5HZ3A131B	
		310-474 (RH)	7.18" C-E	F5HZ3A130B	
10,000	1987-98	✓✓ 310-222 (LH)	5.44" C-E	D0HZ3A131A	
		✓✓ 310-223 (RH)	5.44" C-E	D0HZ3A130A	
	1992-98	310-471 (LH)	6.00" C-E	F3HZ3A131B	
		310-472 (RH)	6.00" C-E	F3HZ3A130B	
12,000	1983-98	✓✓ 310-222 (LH)	5.44" C-E	D0HZ3A131A	
		✓✓ 310-223 (RH)	5.44" C-E	D0HZ3A130A	
	1995-99	✓ 310-484 (LH)	7.37" C-E	F6HZ3A131AA	
		✓ 310-483 (RH)	7.37" C-E	F6HZ3A130AA	
14,600	1995-98	310-471 (LH)	6.00" C-E	F3HZ3A131B	
		310-472 (RH)	6.00" C-E	F3HZ3A130B	

Drag Links

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
5,000	1973-79	346-142	16.64" C-C	C7TZ3304A	
5,500	1973-79	346-142	16.64" C-C	C7TZ3304A	
	1980-83	346-218	19.25" C-C	E5HT3304FA	
6,000	1973-79	346-142	16.64" C-C	C7TZ3304A	Manual steering; Hydraulic brakes
		346-144	16.16" C-C	C9TZ3304A	Power steering; Air brakes
	1980-88	346-218	19.25" C-C	E5HT3304FA	Before December 1987
	1988	346-340	19.29" C-C	E8HZ3304H	From December 1987
	1989-92	346-341	20.66" C-C	F0HZ3304G	
	1992-94	346-404	20.44" C-C	F3HZ3304A	
	1995-98	346-436	21.25" C-C	F5HZ3304A	Except low profile
	1995-97	◆		F5HZ3304AA	Low profile
7,000	1973-79	346-142	16.64" C-C	C7TZ3304A	Manual steering; Hydraulic brakes
	1973-75	346-144	16.16" C-C	C9TZ3304A	Power steering
	1975-79	◆	15.85" C-C	D5TZ3304A	Power steering; Air brakes
	1980-88	346-218	19.25" C-C	E5HT3304FA	Before December 1987
	1988	346-340	19.29" C-C	E8HZ3304H	From December 1987
	1989-92	346-341	20.66" C-C	F0HZ3304G	
	1992-94	346-404	20.44" C-C	F3HZ3304A	
	1995-98	346-436	21.25" C-C	F5HZ3304A	Except low profile
	1995-97	◆		F5HZ3304AA	Low profile

Ford

B, F and FT Series

Ford

B, F and FT - Series

Drag Links (continued)

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
7,500	1980-88	346-218	19.25" C-C	E5HT3304FA	Before December 1987
	1988	346-340	19.29" C-C	E8HZ3304H	From December 1987
8,000, 8,500	1980-87	346-219	19.23" C-C	E5HT3304GA	
	1988-92	346-342	20.30" C-C	F0HZ3304D	
	1992-93	346-411	19.47" C-C	F2HZ3304D	Before May 1993
	1993-98	346-413	19.43" C-C	F4HZ3304A	From May 1993
	9,000	1975-79	346-142	16.64" C-C	C7TZ3304A
		346-222	16.49" C-C	D7HT3304LA	Air brakes
	1980-87	346-219	19.23" C-C	E5HT3304GA	
	1988-92	346-342	20.30" C-C	F0HZ3304D	
	1992-93	346-411	19.47" C-C	F2HZ3304D	Before May 1993
	1993-98	346-413	19.43" C-C	F4HZ3304A	From May 1993
10,000, 12,000	1983-91	346-379	19.23" C-C	F0HZ3304A	
	1992-94	346-412	19.43" C-C	F2HZ3304B	
	1995-98	346-415	19.01" C-C	F5HZ3304B	Multileaf springs
		346-414	18.45" C-C	F5HZ3304C	Full taper springs
14,600	1995-97	346-414	18.45" C-C	F5HZ3304C	

L - Series (LN500/750)

LN500, LN600, LN700 and LN750

King Pin Sets

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
5,000	1970-73	300-155 (B)	1.231" X 7.86"	C3TZ3111A	
		300-156 (B)	1.231" X 7.86"	C3TZ3111A	.010 oversize
5,500	1970-89	300-155 (B)	1.231" X 7.86"	C3TZ3111A	
		300-156 (B)	1.231" X 7.86"	C3TZ3111A	.010 oversize
6,000	1970-97	300-180 (B)	1.231" X 8.89"	C7TZ3111A	
		300-179 (N)	1.231" X 8.89"	C7TZ3111A	
		300-181 (B)	1.231" X 8.89"	D3TZ3111A	.010 oversize
7,000	1970-97	300-180 (B)	1.231" X 8.89"	C7TZ3111A	Hydraulic brakes
		300-179 (N)	1.231" X 8.89"	C7TZ3111A	Hydraulic brakes
		300-181 (B)	1.231" X 8.89"	D3TZ3111A	.010 oversize; Hydraulic brakes
	1975-97	✓ 300-207 (B)	1.433" X 8.25"	D6TZ3111A	Air brakes
9,000	1970-83	300-159 (B)	1.434" X 8.50"	D1HZ3111A	Hydraulic brakes
	1975-97	✓ 300-207 (B)	1.433" X 8.25"	D6TZ3111A	Air brakes

Tie Rod Ends

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
5,000	1970-73	310-183 (LH)	4.43" C-E	E8HZ3A131A	
		310-184 (RH)	4.43" C-E	C7TZ3A130D	
5,500	1970-89	310-183 (LH)	4.43" C-E	E8HZ3A131A	
		310-184 (RH)	4.43" C-E	C7TZ3A130D	
6,000	1970-97	310-183 (LH)	4.43" C-E	E8HZ3A131A	
		310-184 (RH)	4.43" C-E	C7TZ3A130D	
7,000	1970-97	310-183 (LH)	4.43" C-E	E8HZ3A131A	Hydraulic brakes
		310-184 (RH)	4.43" C-E	C7TZ3A130D	Hydraulic brakes
	1975-97	310-266 (LH)	6.00" C-E	F0HZ3A131F	Air brakes
		310-267 (RH)	6.00" C-E	F0HZ3A131E	Air brakes
9,000	1970-89	310-121 (LH)	4.88" C-E	C1TZ3A131C	Hydraulic brakes
		310-122 (RH)	4.88" C-E	C8TZ3A130A	Hydraulic brakes
	1975-97	310-266 (LH)	6.00" C-E	F0HZ3A131F	Air brakes
		310-267 (RH)	6.00" C-E	F0HZ3A131E	Air brakes



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand



L Series (LN500/750)

L Series (800/900)

Ford

Ford

L - Series (LN500/750)

Drag Links

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
5,000	1970-73	346-167	19.39" C-C	DOHZ3304A	
5,500	1970-89	346-167	19.39" C-C	DOHZ3304A	
6,000	1970-97	346-167	19.39" C-C	DOHZ3304A	
7,000	1970-97	346-167	19.39" C-C	DOHZ3304A	Hydraulic brakes
	1975-97	◆	18.89" C-C	D5HZ3304C	Air brakes
9,000	1975-97	◆	18.74" C-C	E3HZ3304L	Air brakes

L - Series (800/900)

L, LT, LL, LTL, LLS, LTLS, LN, LNT, LS and LTS 800/900

Aeromax 106 and 120 (LA, LTA, LLA and LTLA 800/900)

King Pin Sets

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks	
6,000	1970-89	300-180 (B)	1.231" X 8.89"	C7TZ3111A		
		300-179 (N)	1.231" X 8.89"	C7TZ3111A		
		300-181 (B)	1.231" X 8.89"	D3TZ3111A	.010 oversize	
7,000	1970-88	300-180 (B)	1.231" X 8.89"	C7TZ3111A	Hydraulic brakes	
		300-179 (N)	1.231" X 8.89"	C7TZ3111A	Hydraulic brakes	
		300-181 (B)	1.231" X 8.89"	D3TZ3111A	.010 oversize; Hydraulic brakes	
	1975-98	✓	300-207 (B)	1.433" X 8.25"	D6TZ3111A	Air brakes
9,000	1989-98	✓	300-260 (B)	1.300" X 7.75"	E8HZ3111A	
	1970-83		300-159 (B)	1.434" X 8.50"	D1HZ3111A	Hydraulic brakes
	1975-98		300-215 (B)	1.607" X 9.08"	D6HZ3111B	Air brakes: Before January 1989
	1989-98		300-263 (B)	1.607" X 9.08"	E9HZ3111B	Screw in caps
10,000	1987-89	✓	300-217 (B)	1.794" X 10.07"	D6HZ3111A	T-182 bearing; Bolt on caps
			300-261 (C)	1.794" X 10.07"	D6HZ3111C	T-182 bearing; Bolt on caps
	1990-97		300-262 (B)	1.794" X 10.07"	E9HZ3111A	T-182 bearing; Screw in caps; Steel axle
			300-281 (B)	1.794" X 10.07"	F0HZ3111A	T-1921 bearing; Screw in caps; Aluminum axle
12,000	1970-83		300-182 (B)	1.794" X 9.12"	D1HZ3111B	Hydraulic brakes
	1975-88	✓	300-217 (B)	1.794" X 10.07"	D6HZ3111A	T-182 bearing; Bolt on caps; Air brakes
			300-261 (C)	1.794" X 10.07"	D6HZ3111C	T-182 bearing; Bolt on caps; Air brakes
	1989-97		300-281 (B)	1.794" X 10.07"	F0HZ3111A	T-1921 bearing; Screw in caps; Steel axle
	1989-98		300-262 (B)	1.794" X 10.07"	E9HZ3111A	T-182 bearing; Screw in caps; Steel axle
	1990-97		300-281 (B)	1.794" X 10.07"	F0HZ3111A	T-1921 bearing; Screw in caps; Aluminum axle
14,600	1991-98	✓✓	300-216 (B)	1.999" X 11.21"	D5HZ3111C	
16,000	1970-75		300-210 (B)	1.999" X 11.04"	DOHZ3111E	Before serial no. W40,001
	1975-98	✓✓	300-216 (B)	1.999" X 11.21"	D5HZ3111C	From serial no. W40,001
18,000	1970-75		300-210 (B)	1.999" X 11.04"	DOHZ3111E	Before serial no. W40,001
	1975-98	✓✓	300-216 (B)	1.999" X 11.21"	D5HZ3111C	From serial no. W40,001
20,000	1970-75		300-210 (B)	1.999" X 11.04"	DOHZ3111E	Before serial no. W40,001
	1975-98	✓✓	300-216 (B)	1.999" X 11.21"	D5HZ3111C	From serial no. W40,001

Tie Rod Ends

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
6,000	1970-89	310-183 (LH)	4.43" C-E	E8HZ3A131A	
		310-184 (RH)	4.43" C-E	C7TZ3A130D	
7,000	1970-86	310-183 (LH)	4.43" C-E	E8HZ3A131A	Before serial no. W40,001
		310-184 (RH)	4.43" C-E	C7TZ3A130D	Before serial no. W40,001
	1975-88	310-266 (LH)	6.00" C-E	F0HZ3A131F	From serial no. W40,001; Air brakes
		310-267 (RH)	6.00" C-E	F0HZ3A131E	From serial no. W40,001; Air brakes
	1989-93	310-183 (LH)	4.43" C-E	E8HZ3A131A	Before July 1993
		310-184 (RH)	4.43" C-E	C7TZ3A130D	Before July 1993
	1993-94	310-266 (LH)	6.00" C-E	F0HZ3A131F	From July 1993
		310-267 (RH)	6.00" C-E	F0HZ3A131E	From July 1993



L - Series (800/900)

Tie Rod Ends (continued)

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
7,000 (cont.)	1995-97	310-473 (LH)	7.18" C-E	F5HZ3A131B	
		310-474 (RH)	7.18" C-E	F5HZ3A130B	
9,000	1970-83	✓✓ 310-222 (LH)	5.44" C-E	D0HZ3A131A	Before serial no. W40,001
		✓✓ 310-223 (RH)	5.44" C-E	D0HZ3A130A	Before serial no. W40,001
	1975-97	310-266 (LH)	6.00" C-E	F0HZ3A131F	From serial no. W40,001; Air brakes
		310-267 (RH)	6.00" C-E	F0HZ3A131E	From serial no. W40,001; Air brakes
10,000	1987-91	✓✓ 310-222 (LH)	5.44" C-E	D0HZ3A131A	
		✓✓ 310-223 (RH)	5.44" C-E	D0HZ3A130A	
	1992-98	310-471 (LH)	6.00" C-E	F3HZ3A131B	
		310-472 (RH)	6.00" C-E	F3HZ3A130B	
12,000	1970-91	✓✓ 310-222 (LH)	5.44" C-E	D0HZ3A131A	
		✓✓ 310-223 (RH)	5.44" C-E	D0HZ3A130A	
	1992-98	310-471 (LH)	6.00" C-E	F3HZ3A131B	
		310-472 (RH)	6.00" C-E	F3HZ3A130B	
14,600	1991-98	310-471 (LH)	6.00" C-E	F3HZ3A131B	
		310-472 (RH)	6.00" C-E	F3HZ3A130B	
16,000	1970-75	✓✓ 310-229 (LH)	5.75" C-E	D0HZ3A131B	Before serial no. W40,001
		✓✓ 310-228 (RH)	5.75" C-E	D0HZ3A130B	Before serial no. W40,001
	1975-90	✓✓ 310-222 (LH)	5.44" C-E	D0HZ3A131A	From serial no. W40,001
		✓✓ 310-223 (RH)	5.44" C-E	D0HZ3A130A	From serial no. W40,001
	1991-98	310-471 (LH)	6.00" C-E	F3HZ3A131B	
		310-472 (RH)	6.00" C-E	F3HZ3A130B	
18,000	1970-75	✓✓ 310-229 (LH)	5.75" C-E	D0HZ3A131B	Before serial no. W40,001
		✓✓ 310-228 (RH)	5.75" C-E	D0HZ3A130B	Before serial no. W40,001
	1975-90	✓✓ 310-222 (LH)	5.44" C-E	D0HZ3A131A	From serial no. W40,001
		✓✓ 310-223 (RH)	5.44" C-E	D0HZ3A130A	From serial no. W40,001
	1991-98	310-471 (LH)	6.00" C-E	F3HZ3A131B	
		310-472 (RH)	6.00" C-E	F3HZ3A130B	
20,000	1970-75	✓✓ 310-229 (LH)	5.75" C-E	D0HZ3A131B	Before serial no. W40,001
		✓✓ 310-228 (RH)	5.75" C-E	D0HZ3A130B	Before serial no. W40,001
	1975-90	✓✓ 310-222 (LH)	5.44" C-E	D0HZ3A131A	From serial no. W40,001
		✓✓ 310-223 (RH)	5.44" C-E	D0HZ3A130A	From serial no. W40,001
	1991-98	310-471 (LH)	6.00" C-E	F3HZ3A131B	
		310-472 (RH)	6.00" C-E	F3HZ3A130B	

Drag Links (L, LT, LN and LNT 800/900)

Set Forward Axle Conventional

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
All	1970-91	✓✓ 346-189	18.03" C-C	F5HZ3304YA	
	1992-97	✓ 346-410	17.91" C-C	F2HZ3304C	
16,000, 18,000, 20,000	1991-97	346-405	17.53" C-C	F1HZ3304B	Dual drag links; Left
		346-407	17.53" C-C	F1HZ3304H	Dual drag links; Right

Drag Links (LL and LTL 800/900)

Set Forward Axle Long Nose Conventional

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
All	1970-90	✓✓ 346-189	18.03" C-C	F5HZ3304YA	
	1991-97	346-405	17.53" C-C	F1HZ3304B	
16,000, 18,000, 20,000	1991-97	346-405	17.53" C-C	F1HZ3304B	Dual drag links; Left
		346-407	17.53" C-C	F1HZ3304H	Dual drag links; Right



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand



L Series (800/900) Louisville (New Design)

Ford

Ford

L - Series (800/900)

Drag Links (LLS and LTLS 800/900)
Set Back Axle Long Nose Conventional
Aeromax 120 (LLA and LTLA 800/900)
Set Back Axle Long Nose Conventional (120" BBC)

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
16,000, 18,000, 20,000	1992-97	346-409	22.61" C-C	F1HZ3304J	Dual drag links; Left
		◆	22.61" C-C	F1HZ3304K	Dual drag links; Right

Drag Links (LLS and LTLS 800/900)
Set Back Axle Long Nose Conventional
(Aeromax 120 (LLA and LTLA 800/900))
Set Back Axle Aerodynamic Conventional (106" BBC)

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
All	1970-88	346-223	36.63" C-C	D7HT3304RA	Before September 1987
	1988-97	346-345	36.15" C-C	E8HZ3304F	From December 1987
9,000, 10,000, 12,000	1990-91	346-383	32.62" C-C	F0HZ3304F	
16,000, 18,000, 20,000	1991-97	346-406	32.53" C-C	F1HZ3304D	Dual drag links; Left
		346-408	32.53" C-C	F1HZ3304F	Dual drag links; Right

Louisville (New Design)

L and LT 85/95
King Pin Sets

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
9,000	1996-97	300-263 (B)	1.607" X 9.08"	E9HZ3111B	Screw in caps
10,000, 12,000, 13,200	1996-97	300-300 (C)	1.794" X 10.70"	F6HZ3111AA	T182 thrust bearing; Steel axle
		300-301 (B)	1.794" X 10.70"	F6HZ3111BB	T1921 thrust bearing; Aluminum axle
12,000	1996-97	300-302 (C)	1.794" X 10.70"	F6HZ3111CC	T1921 thrust bearing; Aluminum axle
		300-216 (B)	1.999" X 11.21"	D5HZ3111C	

Tie Rod Ends

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
9,000	1996-98	310-473 (LH)	7.18" C-E	F5HZ3A131B	
		310-474 (RH)	7.18" C-E	F5HZ3A130B	
10,000, 12,000, 13,200	1996-97	✓ 310-484 (LH)	7.37" C-E	F6HZ3A131AA	
		✓ 310-483 (RH)	7.37" C-E	F6HZ3A130AA	
18,000, 20,000	1996-97	✓ 310-484 (LH)	7.37" C-E	F6HZ3A131AA	
		✓ 310-483 (RH)	7.37" C-E	F6HZ3A130AA	

Drag Links

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
9,000	1996-97	◆	19.06" C-C	F7HZ3304CA	
10,000	1996-97	346-447	27.25" C-C	F6HZ3304BA	
12,000	1996-97	346-447	27.25" C-C	F6HZ3304BA	
13,200	1996-97	346-447	27.25" C-C	F6HZ3304BA	
		346-446	19.06" C-C	F6HZ3304FB	
14,600	1996-97	◆	27.43" C-C	F6HZ3304AA	
		346-450	19.25" C-C	F6HZ3304EA	
		◆	18.75" C-C	F6HZ3304JA	
16,000	1996-97	346-450	19.25" C-C	F6HZ3304EA	
18,000, 20,000	1996-97	◆	19.06" C-C	F7HZ3304CA	Dual drag links; Left
		◆		F6HZ3304DA	Dual drag links; Right

Aeromax (New Design)

A and AT 95

King Pin Sets

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
10,000, 12,000, 13,200	1996-97	300-300 (C)	1.794" X 10.70"	F6HZ3111AA	T182 thrust bearing; Steel axle
12,000	1996-97	300-301 (B)	1.794" X 10.70"	F6HZ3111BB	T1921 thrust bearing; Aluminum axle
		300-302 (C)	1.794" X 10.70"	F6HZ3111CC	T1921 thrust bearing; Aluminum axle

Tie Rod Ends

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
12,000, 13,200	1996-98	✓ 310-484 (LH)	7.37" C-E	F6HZ3A131AA	
		✓ 310-483 (RH)	7.37" C-E	F6HZ3A130AA	

Drag Links

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
12,000	1996-97	346-447	27.25" C-C	F6HZ3304BA	
13,200	1996-97	346-447	27.25" C-C	F6HZ3304BA	
		346-446	19.06" C-C	F6HZ3304FB	
14,600	1996-97	◆	27.43" C-C	F6HZ3304AA	
		346-450	19.25" C-C	F6HZ3304EA	
		◆	18.75" C-C	F6HZ3304JA	

P - Series

P400, P500 and P600

King Pin Sets

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
3,800	1964-70	300-129 (B)	0.922" X 7.00"	B7Y3111A	
4,700	1964-79	300-155 (B)	1.231" X 7.86"	C3TZ3111A	
		300-156 (B)	1.231" X 7.86"	C3TZ3111A	.010 oversize
5,000	1978-79	300-155 (B)	1.231" X 7.86"	C3TZ3111A	
		300-156 (B)	1.231" X 7.86"	C3TZ3111A	.010 oversize

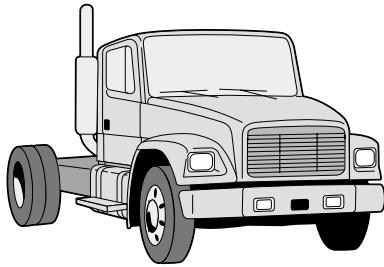
Tie Rod Ends

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
3,800	1964-70	310-112 (LH)	3.50" C-E	C1TZ3A131A	
		310-113 (RH)	3.50" C-E	C1TZ3A130A	
4,700	1964-79	310-112 (LH)	3.50" C-E	C1TZ3A131A	
		310-113 (RH)	3.50" C-E	C1TZ3A130A	
5,000	1978-79	310-183 (LH)	4.43" C-E	E8HZ3A131A	
		310-184 (RH)	4.43" C-E	C7TZ3A130D	

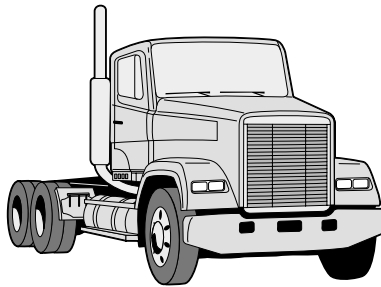
Drag Links

Axle Ratings	Years	Part No.	Specifications	OEM Reference	Remarks
3,800	1964-70	◆	22.47" C-C	C1TT3304N	
4,700	1964-79	◆	22.47" C-C	C1TT3304N	
5,000	1978-79	◆		D8HZ3304B	

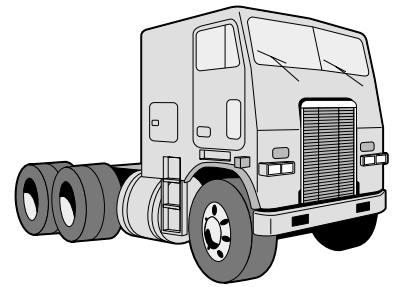
Model	Page Number
Medium Duty Models	69
Business Class and FL106	
FL50, FL60, FL70, FL80 and FL106	
MB50, MB60, MB70 and MB80	
Heavy Duty Models	69
Conventional and Cab Over Engine Models	
FLC112	



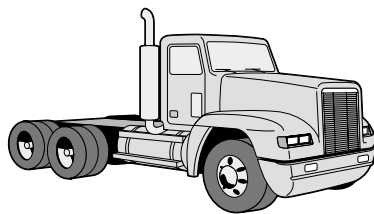
FL, MB Business Class



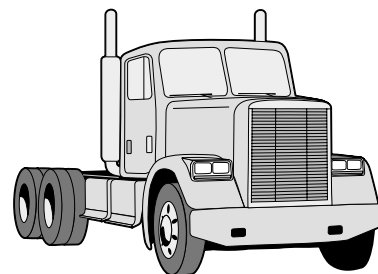
FLC112



FLA, FLB, FLT COE



FLD112, 120



FLC120, FLD120

**Freightliner — Uses Eaton or Rockwell Front Axles
For King Pin Sets and Tie Rod Ends; see Axle Manufacturer**

Drag Links Medium Duty Models

Business Class and FL106

FL50, FL60, FL70, FL80 and FL106

MB50, MB60, MB70 and MB80

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
9,000-12,000	All	◆	39.95" C-C	14-10281-003	Sheppard M100 power steering
9,000-14,600	All	◆	18.72" C-C	14-10299-001	Sheppard M100 power steering
		◆	33.49" C-C	14-10281-002	Sheppard M100 power steering
12,000	All, except FF941, 943	◆	23.44" C-C	B14-9063-002	
		✓✓ 310-228 (LH)	5.75" C-E	A3144J296	Drag link end RH thread
		✓✓ 310-229 (RH)	5.75" C-E	A3144K297	Drag link end LH thread
	FF941, 943	◆	31.85" C-C	681-460-15-05	
		✓✓ 310-229 (LH)	5.75" C-E	A3144K297	Drag link end assembly

Drag Links Heavy Duty Models

Conventional and Cab Over Engine (COE) Models

FLC112

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	EFA12F4, FF942, 961, FG941, 943	◆	33.59" C-C	14-12098-003	TRW/Ross TAS65 power steering
		◆	34.62" C-C	14-12098-004	TRW/Ross TAS65 power steering
		346-338	13.00" C-C	A14-09547-000	With fixed ends
		◆	41.75" C-C	A14-096040	Set back axle
14,600	FG941, 943	◆	28.70" C-C	680-460-08-05	TRW/Ross TAS65 power steering
16,000, 18,000	All	◆	23.44" C-C	B14-9063-002	
		✓✓ 310-228 (LH)	5.75" C-E	A3144J296	Drag link end RH thread
		✓✓ 310-229 (RH)	5.75" C-E	A3144K297	Drag link end LH thread
16,000, 20,000	All, except FL931	346-431	28.48" C-C	680-460-02-05	FL941 with TRW/Ross HFB70 or TAS65 power steering
		◆	38.38" C-C	14-10281-005	FL941 with TRW/Ross HFB70 or TAS65 power steering
		◆	50.25" C-C	E14-09702-002	
	FL931	346-338	13.00" C-C	A14-09547-000	With fixed ends
		✓✓ 346-386	28.87" C-C	14-12098-001	Sheppard M100 power steering
		346-434	31.50" C-C	A14-09535-001	
All	All	◆	15.75" C-C	L24VU5183A11	L24VU8047B11, L24VU8047B12
		◆	18.72" C-C	14-10299-001	
		✓ 346-388	18.83" C-C	14-12281-000	
		✓✓ 346-386	28.87" C-C	14-12098-001	
		346-387	29.38" C-C	14-12098-002	
		✓ 346-421	29.44" C-C	A14-12349-000	L24VU7116A11
		◆	31.33" C-C	681-460-13-05	
		✓ 346-420	32.03" C-C	14-12098-005	
		346-419	32.58" C-C	14-12009-000	L24VU7074A11
		346-389	32.61" C-C	14-10281-004	

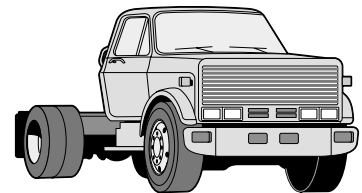
Model	Page Number
B, C, M and S - Series (Medium Duty)	72
B and C - Series (Kodiak and TopKick)	73
Bison and General (Long Conventional)	78
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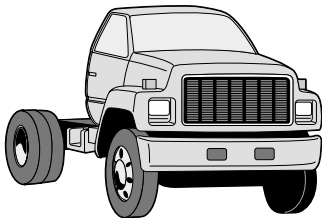
B, S (School Bus)



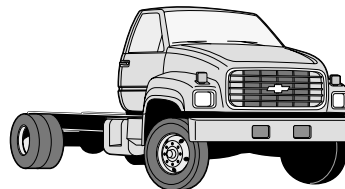
C, M



**Kodiak/TopKick
(Through 1990)**



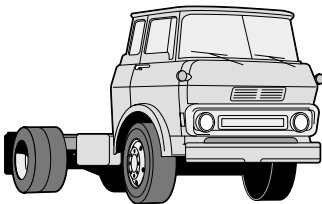
**Kodiak/TopKick
(From 1990-2002)**



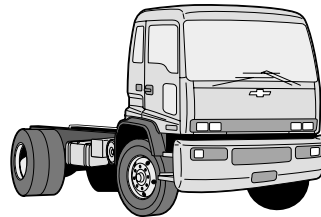
**Kodiak/TopKick
(1990-2002)**



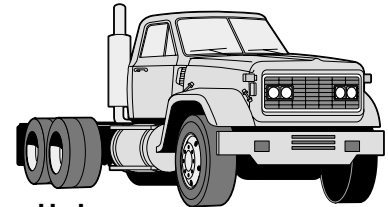
**Kodiak/TopKick
(2003-2006)**



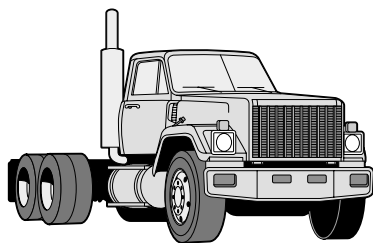
T, W (Through 1980)



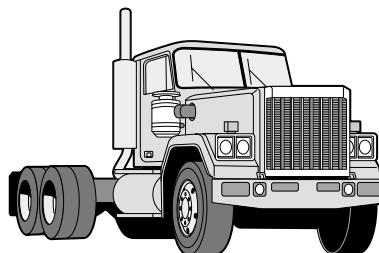
T (From 1997)



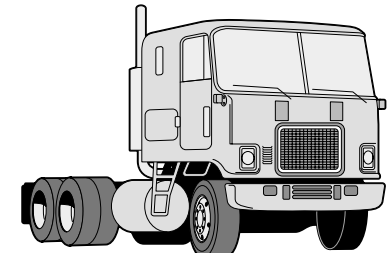
H, J



Bruin/Brigadier (H, J)



Bison/General (M,N)



Titan/Astro (D, F)

Medium Duty Models P-Series Forward Control Chassis

P40

King Pin Sets

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
5,000	F050	1979-90	✓✓ 300-209 (B)	1.179" X 6.36"	15536398	
			300-208 (N)	1.179" X 6.36"	15536398	
7,000	F070	1979-82	✓ 300-173 (B)	1.250" X 7.88"	3927943	
			300-172 (N)	1.250" X 7.88"	3927943	
			300-241 (B)	1.250" X 7.88"	3927943	.010 oversize

Tie Rod Ends

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
5,000, 7,000	F050, 070	1979-90	310-271 (LH)	4.93" C-E	462389	
			310-272 (RH)	4.93" C-E	462390	

Drag Links

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
5,000	F050	1979-90	✓✓ 346-346	24.12" C-C	15506690	
7,000	F070	1979-82	◆	24.12" C-C	15506691	

Medium Duty Models P-Series Forward Control Chassis

P60

King Pin Sets

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
5,000	F050	1983-90	✓✓ 300-209 (B)	1.179" X 6.36"	15536398	
			300-208 (N)	1.179" X 6.36"	15536398	
7,000	F070	1983-90	✓ 300-173 (B)	1.250" X 7.88"	3927943	
			300-172 (N)	1.250" X 7.88"	3927943	
			300-241 (B)	1.250" X 7.88"	3927943	.010 oversize
8,100	FL1	1992-96	✓ 300-287 (B)	1.614" X 8.04"	12540328	Stepped pin; Small diameter 1.309"
9,000, 12,000	F090, 120, 120D	1983-90	300-233 (B)	1.745" X 9.38"	8885856	
11,000	FL2	1992-96	✓ 300-288 (B)	1.890" X 9.20"	12540329	Stepped pin; Small diameter 1.500"

Tie Rod Ends

For FL1 axle; First design uses a welded clamp

For FL1 axle; Second design uses a formed clamp

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
5,000, 7,000	F050, 070	1983-90	310-271 (LH)	4.93" C-E	462389	
			310-272 (RH)	4.93" C-E	462390	
7,000	F070	1988-90	310-392 (LH)	10.80" C-E	15622068	
			310-393 (RH)	10.80" C-E	15622069	
8,100	FL1	1992-95	310-475 (LH)	5.02" C-E	12549194	First design
			310-476 (RH)	5.02" C-E	12549195	First design
		1994-99	310-469 (LH)	5.44" C-E	12548110	Second design
			310-470 (RH)	5.44" C-E	12548111	Second design
9,000, 12,000	F090, 120, 120D	1983-90	310-278 (LH)	4.88" C-E	2037142	
			310-277 (RH)	4.88" C-E	2037140	
11,000	FL2	1992-96	310-467 (LH)	5.44" C-E	12548107	
11,000	FL2	1992-96	310-468 (RH)	5.44" C-E	12548108	



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand

P60 Series

B, C, M, and S Series

GM

GM

P60 (continued)

Drag Links

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
5,000, 7,000	F050, 070	1983-90	346-188	17.00" C-C	15506689	Except motorhome
7,000	F070	1988-90	346-349	17.53" C-C	15622066	Except motorhome
		1984-90	◆	17.62" C-C	15666375	Motorhome
8,100, 11,000	FL1, FL2	1992-99	✓ 346-400	20.65" C-C	15986858	
9,000, 12,000	F090, 120, 120D	1983-90	346-257	17.96" C-C	718798	
		1988-90	346-350	18.50" C-C	15625713	

Medium Duty Models

B, C, M, and S - Series Conventional Chassis

B60

C50, C60, C65 and C70

Includes "High Cab" 1983-90 Kodiak and Topkick models

M60 and M65

S60

First design; Before serial number 140000 Chevrolet; 590000 GMC

Second design: From serial number 140000 Chevrolet; 590000 GMC

King Pin Sets

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
5,000	F050	1973-75	300-107 (B)	1.109" X 6.34"	3854744	First design
		1975-90	✓✓ 300-209 (B)	1.179" X 6.36"	15536398	Second design
			300-208 (N)	1.179" X 6.36"	15536398	Second design
5,500	F055	1973-75	300-175 (B)	1.109" X 6.34"	3927942	First design
			300-174 (N)	1.109" X 6.90"	3927942	First design
		1975-78	✓✓ 300-209 (B)	1.179" X 6.36"	15536398	Second design
			300-208 (N)	1.179" X 6.36"	15536398	Second design
7,000	F070	1973-90	✓ 300-173 (B)	1.250" X 7.88"	3927943	
			300-172 (N)	1.250" X 7.88"	3927943	
			300-241 (B)	1.250" X 7.88"	3927943	.010 oversize
9,000	F090	1973-87	300-128 (B)	1.433" X 8.75"	8885021	Tapered and threaded pin; Small diameter 1.186"
12,000	F120	1973-75	300-125 (B)	1.607" X 9.75"	2264897	Tapered and threaded pin; Small diameter 1.309"; First design
			300-150 (N)	1.607" X 9.75"		Tapered and threaded pin; Small diameter 1.309"; First design
		1975-90	300-233 (B)	1.745" X 9.38"	8885856	Second design

Tie Rod Ends

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
5,000, 5,500	F050, 055	1973-78	310-160 (LH)	5.84" C-E	3864347	
			310-161 (RH)	5.84" C-E	3864348	
5,000, 7,000	F050, 070	1973-90	310-271 (LH)	4.93" C-E	462389	
			310-272 (RH)	4.93" C-E	462390	
7,000	F070	1973-78	310-164 (LH)	6.50" C-E	3864353	
			310-165 (RH)	6.50" C-E	3864354	
		1988-90	310-392 (LH)	10.80" C-E	15622068	
			310-393 (RH)	10.80" C-E	15622069	
9,000	F090	1973-75	310-115 (LH)	3.88" C-E	2330713	First design
			310-116 (RH)	3.88" C-E	2330712	First design
		1975-82	310-208 (LH)	4.88" C-E	671488	Second design
			310-209 (RH)	4.88" C-E	671489	Second design
		1983-87	310-278 (LH)	4.88" C-E	2037142	
			310-277 (RH)	4.88" C-E	2037140	



B, C, M, and S - Series Conventional Chassis Tie Rod Ends *(continued)*

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
12,000	F120	1973-82	310-208 (LH)	4.88" C-E	671488	
			310-209 (RH)	4.88" C-E	671489	
		1983-90	310-278 (LH)	4.88" C-E	2037142	
			310-277 (RH)	4.88" C-E	2037140	

Drag Links

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
5,000, 5,500, 7,000	F050, 055, 070	1973-75	◆	16.75" C-C	690287	First design; Hydraulic brakes
		1975-90	346-188	17.00" C-C	15506689	Second design; Air brakes
7,000	F070	1988-90	346-349	17.53" C-C	15622066	Power steering
9,000	F090	1975-88	346-257	17.96" C-C	718798	Second design
			310-264 (RH)	3.12" C-E	3892946	Power steering cylinder end
	F120D	1975-78	346-256	17.93" C-C	718796	
			346-188	17.00" C-C	15506689	
		1975-90	346-257	17.96" C-C	718798	
		1988-90	346-350	18.50" C-C	15625713	Power steering
12,000	F120	1975-90	346-256	17.93" C-C	718796	Second design
		1975-78	346-188	17.00" C-C	15506689	Second design
			346-257	17.96" C-C	718798	Second design
			310-264 (RH)	3.12" C-E	3892946	Power steering cylinder end
		1988	346-351	18.58" C-C	15622057	Air or hydraulic brakes

Heavy Duty Models

B and C - Series (Kodiak and TopKick) Conventional Chassis

B70

For 1996 Kodiak and TopKick were renamed to C Series

C5500, C6500, C7500 and C8500

King Pin Sets

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
8,100	FL1	1990-00	✓ 300-287 (B)	1.614" X 8.04"	12540328	Stepped pin; Small diameter 1.309"; Hydraulic brakes
9,000, 11,000	F43, FL2	1993-99	✓ 300-288 (B)	1.890" X 9.20"	12540329	Stepped pin; Small diameter 1.500"
12,000	FS7	1990-99	✓ 300-288 (B)	1.890" X 9.20"	12540329	Stepped pin; Small diameter 1.500"
		1991-95	300-289 (B)	1.890" X 9.60"	12540330	Stepped pin; Small diameter 1.500"; Air brakes
14,000	FH0, FL3	1990	300-289 (B)	1.890" X 9.60"	12540330	Stepped pin; Small diameter 1.500"
16,000	FH4	1993-00	✓ 300-283 (B)	1.872" X 9.97"	12541348	For axles after 01/01/2000; T188S thrust bearing; Bearing thickness is .937

Tie Rod Ends

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
8,100	FL1	1990-94	310-475 (LH)	5.02" C-E	12549194	First design
			310-476 (RH)	5.02" C-E	12549195	First design
		1994-99	310-469 (LH)	5.44" C-E	12548110	Second design
			310-470 (RH)	5.44" C-E	12548111	Second design
9,000, 11,000, 12,000, 14,000	F43, FL2, FS7, FH0, FL3	1990-00	310-467 (LH)	5.44" C-E	12548107	
			310-468 (RH)	5.44" C-E	12548108	
16,000	FH4	1993-00	✓✓ 310-433 (LH)	7.37" C-E	798204	
			✓✓ 310-434 (RH)	7.37" C-E	798203	



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand



B & C Series (Kodiak & TopKick) T Series, COE (D90/F90)

GM

GM

B and C - Series (Kodiak and TopKick) Conventional Chassis *(continued)*

Drag Links

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
8,100	FL1	1990-00	✓ 346-400	20.65" C-C	15986858	Saginaw with hydraulic brakes
			346-417	20.28" C-C	15986859	Saginaw with air brakes
9,000, 11,000	F43, FL2	1990-97	346-401	17.48" C-C	15986856	B - Series; TRW/Ross
			✓ 346-400	20.65" C-C	15986858	C - Series/Kodiak/TopKick; Saginaw with hydraulic brakes
		1990-99	346-401	17.48" C-C	15986856	C - Series/Kodiak/TopKick with TRW/Ross power steering
		1990-00	✓ 346-400	20.65" C-C	15986858	B - Series; Saginaw with hydraulic brakes
346-417	20.28" C-C		15986859	C - Series/Kodiak/TopKick; Saginaw with air brakes		
12,000	FS7	1990-95	346-401	17.48" C-C	15986856	Hydraulic brakes
		1991-98	346-418	16.85" C-C	15986855	Air brakes
14,000	FH0	1990	346-418	16.85" C-C	15986855	
	FL3	1991-98	346-418	16.85" C-C	15986855	

Medium Duty Models

T-Series Tilt Cab Chassis

T5500, T6500, T7500 and T8500

King Pin Sets

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
8,100	FL1	1997-00	✓ 300-287 (B)	1.614" X 8.04"	12540328	Stepped pin; Small diameter 1.309"
11,000	FL2	1997-00	✓ 300-288 (B)	1.890" X 9.20"	12540329	Stepped pin; Small diameter 1.500"
12,000	FS7	1997-00	300-289 (B)	1.890" X 9.60"	12540330	Stepped pin; Small diameter 1.500"
14,600	FL3	1997-00	300-289 (B)	1.890" X 9.60"	12540330	Stepped pin; Small diameter 1.500"

Tie Rod Ends

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
8,100	FL1	1997	310-469 (LH)	5.44" C-E	12548110	
			310-470 (RH)	5.44" C-E	12548111	
11,000	FL2	1997	310-467 (LH)	5.44" C-E	12548107	
			310-468 (RH)	5.44" C-E	12548108	
12,000	FS7	1997	310-467 (LH)	5.44" C-E	12548107	
			310-468 (RH)	5.44" C-E	12548108	
14,600	FL3	1997	310-467 (LH)	5.44" C-E	12548107	
			310-468 (RH)	5.44" C-E	12548108	

Drag Links

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
All	All	1997	◆		15983440	Power steering

Heavy Duty Models

Cab Over Engine (COE)

D90, and F90

King Pin Sets

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
12,000	F120	1973-74	300-125 (B)	1.607" X 9.75"	2264897	Tapered and threaded pin; Small diameter 1.309"
			300-150 (N)	1.607" X 9.75"		Tapered and threaded pin; Small diameter 1.309"
16,000	FL931	1973-78	✓ 300-216 (B)	1.999" X 11.21"	2036352	Draw key lengths 3.03 & 4.68
			300-265 (C)	1.999" X 11.21"	15585841	Draw key lengths 3.03 & 4.68
			300-210 (B)	1.999" X 11.04"	2452865	
18,000	FL901	1973-78	300-211 (N)	1.999" X 11.04"	2452865	

Cab Over Engine (COE) (continued) Tie Rod Ends

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
12,000	F120	1973-78	310-278 (LH)	4.88" C-E	2037142	
			310-277 (RH)	4.88" C-E	2037140	
16,000	FL931	1973-78	✓✓ 310-433 (LH)	7.37" C-E	798204	
			✓✓ 310-434 (RH)	7.37" C-E	798203	
			✓✓ 310-229 (LH)	5.75" C-E	2452861	
			✓✓ 310-228 (RH)	5.75" C-E	2452860	
18,000	FL901	1973-78	✓✓ 310-229 (LH)	5.75" C-E	2452861	
			✓✓ 310-228 (RH)	5.75" C-E	2452860	

Drag Links

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
All	All	1973-78	346-258	17.90" C-C	684196	

Heavy Duty Models Cab Over Engine (COE)

Titan - Astro, D9K - D9L (COE) King Pin Sets

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
12,000	F120	1979-87	300-233 (B)	1.745" X 9.38"	8885856	
	FF931, 941	1983-87	✓✓ 300-232 (B)	1.794" X 10.40"	2010021	Draw key lengths 2.81 & 3.87
300-242 (C)			1.794" X 10.40"		Draw key lengths 2.81 & 3.87	
16,000	FL931	1979-82	✓✓ 300-216 (B)	1.999" X 11.21"	2036352	Draw key lengths 3.03 & 4.68
			300-265 (C)	1.999" X 11.21"	15585841	Draw key lengths 3.03 & 4.68
18,000	FL941	1983-87	✓✓ 300-216 (B)	1.999" X 11.21"	2036352	Draw key lengths 3.03 & 4.68
			300-265 (C)	1.999" X 11.21"	15585841	Draw key lengths 3.03 & 4.68

Tie Rod Ends

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
12,000	F120	1979-87	310-278 (LH)	4.88" C-E	2037142	
			310-277 (RH)	4.88" C-E	2037140	
	FF931, 941	1983-87	✓✓ 310-222 (LH)	5.44" C-E	15515804	
✓✓ 310-223 (RH)			5.44" C-E	15515805		
16,000	FL931	1979-83	✓✓ 310-433 (LH)	7.37" C-E	798204	
			✓✓ 310-434 (RH)	7.37" C-E	798203	
18,000	FL941	1983-87	✓✓ 310-433 (LH)	7.37" C-E	798204	
			✓✓ 310-434 (RH)	7.37" C-E	798203	

Drag Links

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
All	All	1979-86	346-258	17.90" C-C	684196	
			◆	18.20" C-C	2042171	
12,000	F120, FF941	1984-87	346-310	16.89" C-C	15501673	
16,000, 18,000	FL931, 941	1984-87	346-310	16.89" C-C	15501673	Sheppard power steering; Left
			346-339	16.89" C-C	15501674	Sheppard power steering; Right

H & J Series Short Conventional Bruin & Brigadier (J8C/J9C)

GM

GM

Heavy Duty Models Short Conventional Models H70, H80, H90, J70, J80 and J90 King Pin Sets

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
7,000	F070	1973-78	✓ 300-173 (B)	1.250" X 7.88"	3927943	
			300-172 (N)	1.250" X 7.88"	3927943	
			300-241 (B)	1.250" X 7.88"	3927943	.010 oversize
9,000	F090	1973-78	300-128 (B)	1.433" X 8.75"	8885021	Tapered and threaded pin; Small diameter 1.186"
	F120D	1975-78	300-233 (B)	1.745" X 9.38"	8885856	
12,000	F120	1973-74	300-125 (B)	1.607" X 9.75"	2264897	Tapered and threaded pin; Small diameter 1.309"
			300-150 (N)	1.607" X 9.75"		Tapered and threaded pin; Small diameter 1.309".
		1975-78	300-233 (B)	1.745" X 9.38"	8885856	
16,000	FL931	1973-78	✓✓ 300-216 (B)	1.999" X 11.21"	2036352	Draw key lengths 3.03 & 4.68
			300-265 (C)	1.999" X 11.21"	15585841	Draw key lengths 3.03 & 4.68
18,000	FL901	1973-78	300-210 (B)	1.999" X 11.04"	2452865	
			300-211 (N)	1.999" X 11.04"	2452865	

Tie Rod Ends

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
7,000	F070	1973-78	310-164 (LH)	6.50" C-E	3864353	
			310-165 (RH)	6.50" C-E	3864354	
9,000	F090	1973-78	310-115 (LH)	3.88" C-E	2330713	
			310-116 (RH)	3.88" C-E	2330712	
9,000, 12,000	120D, 120	1973-78	310-278 (LH)	4.88" C-E	2037142	
			310-277 (RH)	4.88" C-E	2037140	
16,000	FL931	1973-78	✓✓ 310-433 (LH)	7.37" C-E	798204	
			✓✓ 310-434 (RH)	7.37" C-E	798203	
16,000, 18,000	FL931, 901	1973-78	✓✓ 310-229 (LH)	5.75" C-E	2452861	
			✓✓ 310-228 (RH)	5.75" C-E	2452860	

Drag Links

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
7,000, 9,000, 12,000	F070, 090, 120D, 120	1973-78	346-258	17.90" C-C	684196	Manual steering
9,000, 12,000	F090, 120D, 120	1973-78	346-190	17.70" C-C	669335	Power steering
16,000	FL931	1973-78	346-190	17.70" C-C	669335	Power steering; Left
			◆	17.70" C-C	720383	Power steering; Right

Heavy Duty Models Short Conventional Models Bruin - Brigadier, J8C - J9C King Pin Sets

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
7,000	F070	1979-81	✓ 300-173 (B)	1.250" X 7.88"	3927943	
			300-172 (N)	1.250" X 7.88"	3927943	
			300-241 (B)	1.250" X 7.88"	3927943	.010 oversize
9,000	F090	1979-80	300-128 (B)	1.433" X 8.75"	8885021	Tapered and threaded pin; Small diameter 1.186"
12,000	F120	1979-87	300-233 (B)	1.745" X 9.38"	8885856	
		FF941	1985-87	✓✓ 300-232 (B)	1.794" X 10.40"	2010021
				300-242 (C)	1.794" X 10.40"	
16,000	FL931	1979-82	✓✓ 300-216 (B)	1.999" X 11.21"	2036352	Draw key lengths 3.03 & 4.68
		1983-87	300-265 (C)	1.999" X 11.21"	15585841	Draw key lengths 3.03 & 4.68



Bruin - Brigadier, J8C - J9C

King Pin Sets *(continued)*

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
18,000	FL941	1983-87	✓✓ 300-216 (B)	1.999" X 11.21"	2036352	Draw key lengths 3.03 & 4.68
			300-265 (C)	1.999" X 11.21"	15585841	Draw key lengths 3.03 & 4.68

Tie Rod Ends

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
7,000	F070	1979-81	310-271 (LH)	4.93" C-E	462389	
			310-272 (RH)	4.93" C-E	462390	
9,000, 12,000	F090, 120	1979-87	310-278 (LH)	4.88" C-E	2037142	
			310-277 (RH)	4.88" C-E	2037140	
12,000	FF941	1983-86	✓✓ 310-222 (LH)	5.44" C-E	15515804	
			✓✓ 310-223 (RH)	5.44" C-E	15515805	
16,000	FL931	1979-87	✓✓ 310-433 (LH)	7.37" C-E	798204	
			✓✓ 310-434 (RH)	7.37" C-E	798203	
18,000	FL941	1983-87	✓✓ 310-433 (LH)	7.37" C-E	798204	
			✓✓ 310-434 (RH)	7.37" C-E	798203	

Drag Links

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
9,000	F090	1979-82	346-258	17.90" C-C	684196	Manual steering
			346-190	17.70" C-C	669335	Power steering
12,000	F120	1979-84	346-258	17.90" C-C	684196	Manual steering
			346-190	17.70" C-C	669335	Power steering
		1982-87	346-310	16.89" C-C	15501673	TRW/Ross power steering
	FF941	1983-84	346-258	17.90" C-C	684196	Manual steering
		1985-87	346-310	16.89" C-C	15501673	Power steering
16,000	FL931	1979-84	346-190	17.70" C-C	669335	Power steering; Left
			◆	17.70" C-C	720383	Power steering; Right
		1985-87	346-310	16.89" C-C	15501673	Power steering; Left
			346-339	16.89" C-C	15501674	Power steering; Right
			◆	17.70" C-C	720383	Power steering; Right
18,000	FL941	1983-84	346-190	17.70" C-C	669335	Power steering; Left
			◆	17.70" C-C	720383	Power steering; Right
		1985-87	346-310	16.89" C-C	15501673	Power steering; Left
			346-339	16.89" C-C	15501674	Power steering; Right
1985-86	◆		15545581	Power steering		

Heavy Duty Models

Long Conventional Models

M90

King Pin Sets

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
12,000	F120	1973-74	300-125 (B)	1.607" X 9.75"	2264897	Tapered and threaded pin; Small diameter 1.309"
			300-150 (N)	1.607" X 9.75"		Tapered and threaded pin; Small diameter 1.309"
16,000	FL931	1973-78	300-233 (B)	1.745" X 9.38"	8885856	
			✓✓ 300-216 (B)	1.999" X 11.21"	2036352	Draw key lengths 3.03 & 4.68
18,000	FL901	1973-78	300-265 (C)	1.999" X 11.21"	15585841	Draw key lengths 3.03 & 4.68
			300-210 (B)	1.999" X 11.04"	2452865	
			300-211 (N)	1.999" X 11.04"	2452865	

M90 Long Conventional Bison & General (N9E/N9F)

GM

GM

M90 (continued)

Tie Rod Ends

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
12,000	F120	1973-78	310-278 (LH)	4.88" C-E	2037142	
			310-277 (RH)	4.88" C-E	2037140	
16,000	FL931	1973-78	✓✓ 310-433 (LH)	7.37" C-E	798204	
			✓✓ 310-434 (RH)	7.37" C-E	798203	
16,000, 18,000	FL931, 901	1973-78	✓✓ 310-229 (LH)	5.75" C-E	2452861	
			✓✓ 310-228 (RH)	5.75" C-E	2452860	

Drag Links

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
12,000	F120	1973-78	346-258	17.90" C-C	684196	Manual steering
			346-190	17.70" C-C	669335	Power steering
16,000	FL931	1973-78	346-190	17.70" C-C	669335	Power steering; Left
			◆	17.70" C-C	720383	Power steering; Right

Heavy Duty Models

Long Conventional Models

Bison and General (N9E and N9F)

King Pin Sets

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
12,000	F120	1979-87	300-233 (B)	1.745" X 9.38"	8885856	
	FF931, 941	1979-87	✓✓ 300-232 (B)	1.794" X 10.40"	2010021	Draw key lengths 2.81 & 3.87
			300-242 (C)	1.794" X 10.40"		Draw key lengths 2.81 & 3.87
16,000, 18,000	FL931, 941	1979-87	✓✓ 300-216 (B)	1.999" X 11.21"	2036352	Draw key lengths 3.03 & 4.68
			300-265 (C)	1.999" X 11.21"	15585841	Draw key lengths 3.03 & 4.68

Tie Rod Ends

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks
12,000	F120	1979-87	310-278 (LH)	4.88" C-E	2037142	
			310-277 (RH)	4.88" C-E	2037140	
	FF931, 941	1979-87	✓✓ 310-222 (LH)	5.44" C-E	15515804	
			✓✓ 310-223 (RH)	5.44" C-E	15515805	
16,000, 18,000	FL931, 941	1979-87	✓✓ 310-433 (LH)	7.37" C-E	798204	
			✓✓ 310-434 (RH)	7.37" C-E	798203	

Drag Links

Axle Ratings	Axle Nos.	Year	Part No.	Specifications	OEM Reference	Remarks	
12,000	F120, FF931, 941	1979-85	346-258	17.90" C-C	684196	Manual steering	
	F120, FF931	1979-84	346-190	17.70" C-C	669335	Saginaw power steering	
			1983-87	346-310	16.89" C-C	15501673	TRW/Ross or Sheppard power steering
			1987	◆		15580747	Sheppard power steering
				◆		15585144	
				◆		15585141	
◆		15613852	TRW/Ross power steering				
◆		15613853	Set back axle with manual steering				
16,000, 18,000	FL931, 941	1979-84	346-190	17.70" C-C	669335	Saginaw power steering; Left	
			◆	17.70" C-C	720383	Saginaw power steering; Right	
	1983-87	346-310	16.89" C-C	15501673	TRW/Ross or Sheppard power steering; Left		
		346-339	16.89" C-C	15501674	TRW/Ross or Sheppard power steering; Right		
		1982	◆		2086117	Sheppard power steering	



Model	Page Number
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HLUS Lift Axle	80
Composilite ST, Paralift Ultra and US-2	80

AirTek - Bluebird

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	59924-004 6.5" & 8.5" Ride height	300-336 (C)	Not serviceable	60961-040	King pin set does NOT include the king pins. LH thrust brg composite, RH thrust brg T1822S

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	All	310-285 (LH)	8.12" C-E	64004-001	
		310-286 (RH)	8.12" C-E	64004-002	

AirTek - Volvo

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000, 12,500, 13,200, 14,600	59924-001 338mm & 366mm Ride height	300-336 (C)	Not serviceable	60961-040	King pin set does NOT include the king pins. LH thrust brg composite, RH thrust brg T1822S

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
All	All	310-456 (LH)	6.00" C-E	64002-001	1.107" Large taper diameter. 1.12" Taper length.
		310-455 (RH)	6.00" C-E	64002-002	1.107" Large taper diameter. 1.12" Taper length.

AirTek w/ SteerTek Axle - Freightliner

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	59924-001 4.25" Drop 70.8" KPI	300-3362 (C)	Not serviceable	60961-009	King pin set does ONE SIDE . King pin is NOT included. Thrust bearing is composite.
	59924-002 4.25" Drop 69.0" KPI	300-3362 (C)	Not serviceable	60961-009	King pin set does ONE SIDE . King pin is NOT included. Thrust bearing is composite.
	59924-003 5.63" Drop 70.8" KPI	300-3362 (C)	Not serviceable	60961-009	King pin set does ONE SIDE . King pin is NOT included. Thrust bearing is composite.
	59924-004 5.63" Drop 69.0" KPI	300-3362 (C)	Not serviceable	60961-009	King pin set does ONE SIDE . King pin is NOT included. Thrust bearing is composite.

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	4.25" Drop 69.0" KPI	310-471 (LH)	6.00" C-E	64000-001	1.102" Large taper diameter. 1.08" Taper length.
	4.25" Drop 69.0" KPI	310-472 (RH)	6.00" C-E	64000-002	1.102" Large taper diameter. 1.08" Taper length.
	4.25" Drop 70.8" KPI	310-456 (LH)	6.00" C-E	64002-001	1.107" Large taper diameter. 1.12" Taper length.
	4.25" Drop 70.8" KPI	310-455 (RH)	6.00" C-E	64002-002	1.107" Large taper diameter. 1.12" Taper length.
	5.63" Drop 69.0" & 70.8" KPI	310-285 (LH)	8.12" C-E	64004-001	
	5.63" Drop 69.0" & 70.8" KPI	310-286 (RH)	8.12" C-E	64004-002	



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand



SofTek Front Axle HLUS Auxiliary Lift Axle Composilite St, Paralift Ultra & US-2

Hendrickson

Hendrickson

SofTek - Bluebird

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	59924-004 6.5" & 8.5" Ride height	300-336 (C)	Not serviceable	60961-040	King pin set does NOT include the king pins. LH thrust brg composite, RH thrust brg T1822S

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	All	310-285 (LH)	8.12" C-E	64004-001	
		310-286 (RH)	8.12" C-E	64004-002	

HLUS Auxiliary Lift Axle

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10.5" Ride height	002061-1 (33.5" FW), 002061-2 (34.0" FW), 002061-3 (34.5" FW)	300-100 (C)	1.811" X 10.56"	002916	No draw keys
12.5" Ride height	002109-1 (33.5" FW), 002109-2 (34.0" FW), 002109-3 (34.5" FW)	300-100 (C)	1.811" X 10.56"	002916	No draw keys
14.5" Ride height	002111-1 (33.5" FW), 002111-2 (34.0" FW), 002111-3 (34.5" FW)	300-100 (C)	1.811" X 10.56"	002916	No draw keys
16.5" Ride height	002154-1 (33.5" FW), 002154-2 (34.0" FW), 002154-3 (34.5" FW)	300-100 (C)	1.811" X 10.56"	002916	No draw keys

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
All	All	310-222 (LH)	5.44" C-E	Part of 002890	
		310-223 (RH)	5.44" C-E	Part of 002890	
		347-400A	67.25" C-C	002890	Complete cross tube with tie rod ends

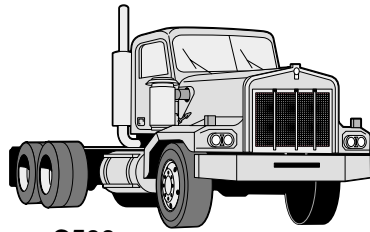
Composilite ST, Paralift Ultra & US-2

King Pin Sets

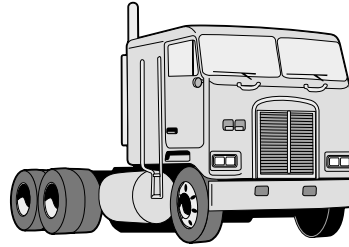
Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
	Call with model number for part number	300-101 (C)	1.811" X 9.57"	003270	This king pin set does NOT include the king pins.
	Call with model number for part number	300-101A (C)	1.811" X 9.57"	003270 + 2) Pin# 003200	This king pin set DOES include the king pins.

Tie Rod Ends

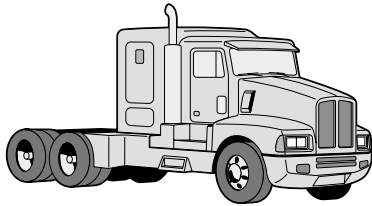
Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
All	All	310-222 (LH)	5.44" C-E	Part of 002890	
		310-223 (RH)	5.44" C-E	Part of 002890	
		347-400A	67.25" C-C	002890	Complete cross tube with tie rod ends



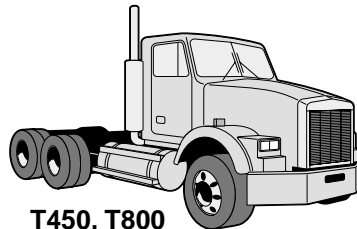
C500



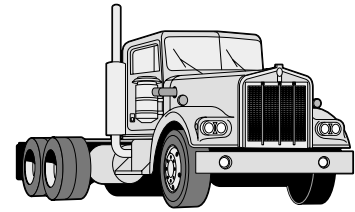
K100



T400, T600



T450, T800



W900

**Kenworth Uses Eaton or Rockwell Front Axles
For King Pin Sets and Tie Rod Ends; see Axle Manufacturer**

Drag Links - C500

Axle Ratings	Part No.	Specifications	OEM Reference	Remarks
All	✓✓ 310-434 (RH)	7.37" C-E	A3144F448	Drag link end RH threads; Use with 346-265 and 346-266
12,000, 16,000, 18,000	◆	27.31" C-C	K162-375	One replaceable end
	◆	26.75" C-C	K162-376	One replaceable end

Drag Links - K100, K100C and K100E (COE)

Axle Ratings	Part No.	Specifications	OEM Reference	Remarks
All	✓✓ 310-433 (LH)	7.37" C-E	A3144G449	Drag link end LH threads; Use with 346-267 and 346-268
	✓✓ 310-434 (RH)	7.37" C-E	A3144F448	Drag link end RH threads; Use with 346-267 and 346-268
12,000, 16,000, 18,000	346-268	20.85" C-C	K162-420	Two replaceable ends
	◆	21.50" C-C	K162-385	Two replaceable ends

Drag Links - T400A - T800B

Axle Ratings	Part No.	Specifications	OEM Reference	Remarks
All	✓✓ 346-377	28.28" C-C	L24VU8008C11	Non-replaceable ends
	◆	28.41" C-C	K162-536	

Drag Links - W900

Axle Ratings	Part No.	Specifications	OEM Reference	Remarks
All	✓✓ 310-229 (LH)	5.75" C-E	A3144K297	Drag link end LH threads; Use with 346-263
	✓✓ 310-434 (RH)	7.37" C-E	A3144F448	Drag link end RH threads; Use with 346-262 and 346-264
12,000, 16,000, 18,000	346-262	29.56" C-C	K162-280	Straight drag link; One replaceable end
	346-263	29.56" C-C	K162-311	Bent drag link; One replaceable end
	346-264	30.56" C-C	K162-494	One replaceable end

- ◆ Not Serviced by Dayton Parts
- ✓ Popular
- ✓✓ Most Popular
- (B) Bi-Metal Bushing
- (C) Composite Bushing
- (N) Nylon Bushing
- (P) Plastic Bushing
- (C-C) Stud Center to Stud Center
- (C-E) Stud Center to End
- (LH) Left Hand
- (RH) Right Hand

**Mack Uses Mack, Eaton or Rockwell Front Axles
King Pin Sets and Tie Rod Ends for Mack Axles are Listed Below
For Eaton or Prockwell Front Axles; See Axle Manufacturer
King Pin Sets**

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,500, 12,000	All	✓✓ 300-230 (B)	1.500" X 7.41"	301SQ46A	Tapered pin; Small diameter 1.250"
		✓✓ 300-231 (B)	1.625" X 7.47"	301SQ47CP1	Tapered pin; Small diameter 1.375"; Old style bronze bushing no longer available
18,000, 20,000	All	✓✓ 300-245 (B)	2.125" X 8.75"	301SQ52	Tapered pin; Small diameter 1.750"
23,000	FA703	300-246 (B)	2.098" X 12.84"	301SQ31C	Tapered pin; Small diameter 1.746"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,500	FA532	310-209 (RH)	4.88" C-E	10QH37	Coarse thread
		◆ 310-210 (RH)	4.88" C-E	10QH38	Fine thread
	All	310-121 (LH)	4.88" C-E	10QH248P2	1.12"-12 thread
		310-122 (RH)	4.88" C-E	10QH248P1	1.12"-12 thread
10,500, 12,000, 18,000, 20,000	All	✓✓ 310-296 (LH)	4.88" C-E	10QH248P7	1.12"-16 thread
		✓✓ 310-229 (LH)	5.75" C-E	10QH248P4	
		✓✓ 310-228 (RH)	5.75" C-E	10QH248P3	
		310-229SF (LH)	5.75" C-E		Side lube
18,000, 20,000	All	✓ 310-228SF (RH)	5.75" C-E		Side lube
		✓ 310-397 (LH)	7.37" C-E	10QH248P6	Severe duty application
		✓ 310-398 (RH)	7.37" C-E	10QH248P5	Severe duty application
		310-397SF (LH)	7.37" C-E		Severe duty application; Side lube
		310-398SF (RH)	7.37" C-E		Severe duty application; Side lube
		✓✓ 310-434 (RH)	7.37" C-E	10QH311P1	
✓✓ 310-433 (LH)	7.37" C-E	10QHE12P1			

Drag Links

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000, 18,000, 20,000	All	✓✓ 310-228	5.75" C-E	10QH248P3	RH thread
	FA(W) 537, 616, 617	✓✓ 310-229	5.75" C-E	10QH248P4	LH Threads
10,500, 12,000, 18,000, 20,000	FA(W) 536, 537, 616, 617	310-435	5.75" C-E	18QK214	Ball stud with no threads

Navistar/International

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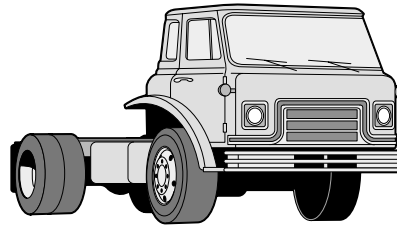
Navistar/International



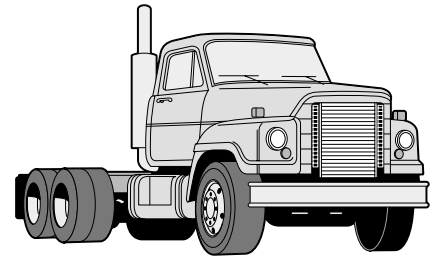
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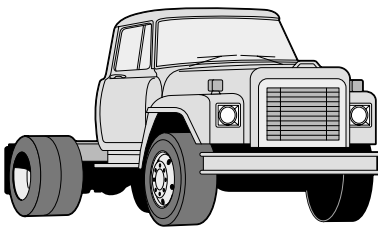
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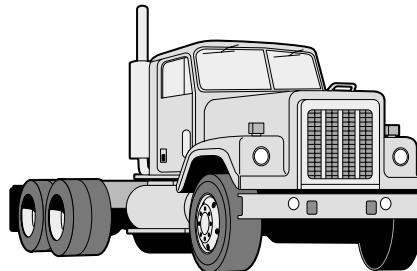
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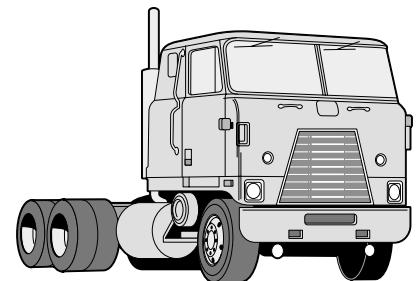
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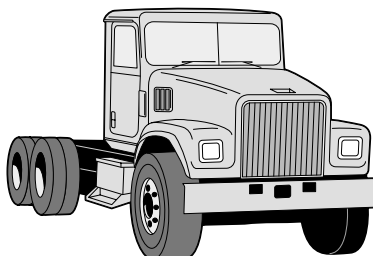
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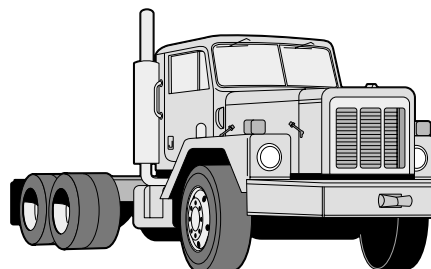
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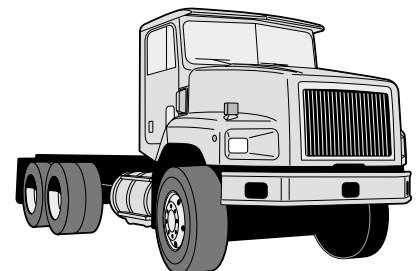
Transtar 4070 COE



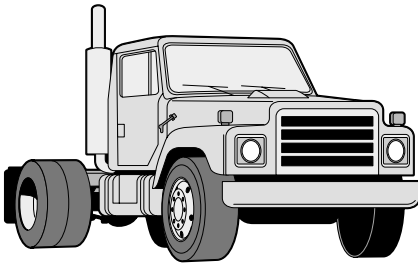
Paystar (Set Forward Axle)



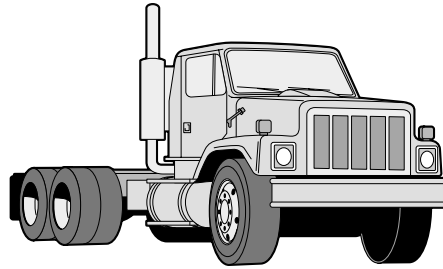
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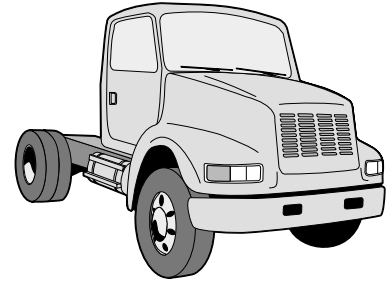
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S Series (1600/2100)



S Series (2200/2600)



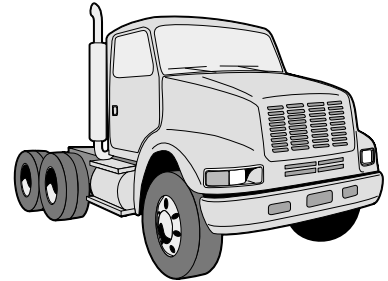
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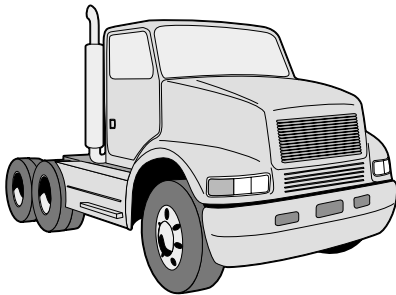
4000 Series (New Generation)



7000 Series (New Generation)



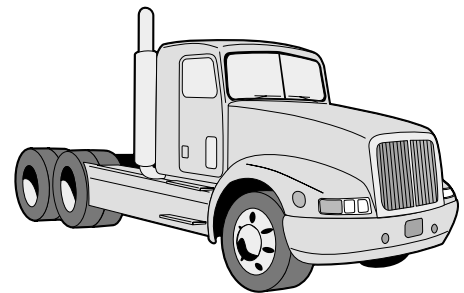
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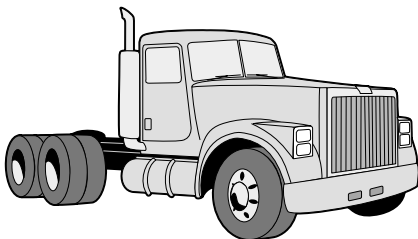
8200/8300



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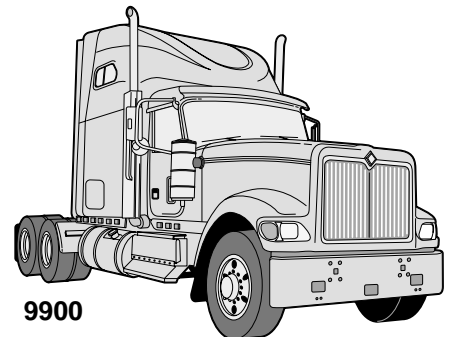
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9600, 9670, 9800 (Set Forward Axle)
9700, 9800 (Set Back Axle)



9900

Navistar/International

1000 - Series
2000 - Series

Navistar/International

1000 - Series

M1400, 1452, M1600, 1652, 1652UPS

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000, 8,000	160S, 180S, 02ADA, 02ADB	✓✓ 300-268 (B)	1.359" X 8.07"	1660271C91	Double draw key
		300-282 (C)	1.359" X 8.07"	1660271C91	Double draw key

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000, 8,000	160S, 180S, 02ADA, 02ADB	✓✓ 310-437 (LH)	11.89" C-E	1668224C91	Dropped design tie rod end
		✓✓ 310-438 (RH)	11.89" C-E	1668225C91	Dropped design tie rod end

Drag Links

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
6,000, 8,000	160S, 180S, 02ADA, 02ADB	05PRG	✓✓ 346-385	17.47" C-C	1661867C91	TRW/Ross TAS40 power steering

2000 - Series

2554, 2574, 2654, 2674

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000	I100S, 02ADC	✓✓ 300-276 (B)	1.921" X 9.87"	1668411C91	Knuckle 220SC100
		✓✓ 300-271 (C)	1.921" X 9.87"	1668411C91	Knuckle 220SC100
12,000	I120S, 02ADD, 02ADG	✓✓ 300-276 (B)	1.921" X 9.87"	1668411C91	Knuckle 220SC100
		✓✓ 300-271 (C)	1.921" X 9.87"	1668411C91	Knuckle 220SC100
	FF961, 02ARA	✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25 & 3.68
		300-266 (C)	1.794" X 10.40"	1665531C91	Draw key lengths 3.25 & 3.68
13,200	FA227, 02227, FF942	✓ 300-232 (B)	1.794" X 10.40"	FAK4555	Draw key lengths 2.81 & 3.87
		300-242 (C)	1.794" X 10.40"	597556C91	Draw key lengths 2.81 & 3.87
14,000	I140S, 02ADE	300-277 (B)	2.046" X 10.12"	1668412C91	
		300-272 (C)	2.046" X 10.12"	1668412C91	
16,000, 18,000, 20,000	FL941, 02232	✓✓ 300-216 (B)	1.999" X 11.21"	474520C91	Draw key lengths 3.03 & 4.68
	FA231, 02231, FA232, 02232, FA233, 02233, FL941	300-265 (C)	1.999" X 11.21"	597258C91	Draw key lengths 3.03 & 4.68
	I160S, 02ADH	300-278 (B)	2.046" X 10.94"	1685405C91	Knuckle 220SC108

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000	I100S, 02ADC	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
		✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
12,000	I120S, 02ADD, 02ADG	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
		✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
	FF961, 02ARA	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	

2000 - Series 3000 - Series

Navistar/International

Navistar/International

2000 - Series (continued)

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
13,200	FA227, 02227, FF942	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
14,000	I140S, 02ADE	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
		✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
16,000, 18,000, 20,000	FL941, 2231, 2232, 2233	✓✓ 310-433 (LH)	7.37" C-E	590583C91	Type 1; For 130" - 219" wheelbase
		✓✓ 310-434 (RH)	7.37" C-E	590584C91	Type 1; For 130" - 219" wheelbase
	✓ 310-396 (LH)	12.69" C-E	1668479C91	Type 2; For 220" and up wheelbase	
	✓ 310-395 (RH)	12.69" C-E	1668480C91	Type 2; For 220" and up wheelbase	
	I160S, 180S, FL941, 2231, 2232, 2233,	✓✓ 310-229 (LH)	5.75" C-E	969056R91	1.41" Taper length
		✓✓ 310-228 (RH)	5.75" C-E	969055R91	1.41" Taper length

Drag Links

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	5PTB 2004 RH P/S (2500)	05PTA, 05PTD	346-456	18.38" C-C	1667329C91	
	5PTB04 LH P/S	05PRH, 05PRJ	✓✓ 346-249	18.14" C-C	480645C92	
	5PTB 2001 LH P/S (2600)	05PSA	◆	33.71" C-C	1664845C92	
	5PTB 2001 RH P/S (2600)		346-458	32.85" C-C	1664846C92	
			◆	31.72" C-C	1667453C92	6 x 4 w/126" thru 280" WB (2600)
	5PTA, 5PRH (2500)		✓✓ 346-384	17.63" C-C	1661437C92	

3000 - Series

3400, 3500, 3600, 3700, 3800

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000, 8,000	I60S, 80S, 02ADA, 02ADB	300-218 (B)	1.359" X 7.79"	473695C91	Single draw key
		✓✓ 300-268 (B)	1.359" X 8.07"	1660271C91	Double draw key
		300-282 (C)	1.359" X 8.07"	1660271C91	Double draw key
10,000, 12,000	I100S, 120S, 02ADC, 02ADL	✓✓ 300-276 (B)	1.921" X 9.87"	1668411C91	Knuckle 220SC100
		✓✓ 300-271 (C)	1.921" X 9.87"	1668411C91	Knuckle 220SC100

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000, 8,000	I60S, 80S, 02ADA, 02ADB	✓✓ 310-437 (LH)	11.89" C-E	1668224C91	Dropped design tie rod end
		✓✓ 310-438 (RH)	11.89" C-E	1668225C91	Dropped design tie rod end
10,000, 12,000	I100S, I120S, 02ADL, 02ADC	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
		✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	



Navistar/International

3000 - Series
4000 - Series

Navistar/International

3000 - Series (continued)

Drag Links

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	All	05PRG	✓✓ 346-385	17.47" C-C	1661867C91	TRW/Ross TAS40 power steering
		05PRH, 05PSA	✓✓ 346-384	17.68" C-C	1661437C92	TRW/Ross TAS55 or Sheppard M100 power steering

3000 - Series

3900

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	I120S, 02ADD	✓✓ 300-276 (B)	1.921" X 9.87"	1668411C91	Knuckle 220SC100
		✓✓ 300-271 (C)	1.921" X 9.87"	1668411C91	Knuckle 220SC100
14,000	I140S, 02ADE	300-277 (B)	2.046" X 10.12"	1668412C91	
		300-272 (C)	2.046" X 10.12"	1668412C91	
16,000	FA231, 02231 FL941	✓✓ 300-216 (B)	1.998" X 11.21"	474520C91	Draw key lengths 3.03 & 4.68
		300-265 (C)	1.998" X 11.21"	597258C91	Draw key lengths 3.03 & 4.68

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000, 14,000	I120S, 140S, 02ADD, 02ADE	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
		✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
16,000	FA231, 02231, FL941	✓✓ 310-229 (LH)	5.75" C-E	969056R91	1.41" Taper length
		✓✓ 310-228 (RH)	5.75" C-E	969055R91	1.41" Taper length

Drag Links

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	All	05PRJ	◆		1685484C92	Drag link end; Use with 346-467 and 346-468
			◆		1685483C91	Before August 1, 1991
			◆		1691974C92	From August 1, 1991

4000 - Series

4500, 4600, 4600LP, 4600UH, 4700, 4700LP, 4800, 4900

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000	I160S, 02ADA	300-218 (C)	1.359" X 7.79"	473695C91	Single draw key
6,000, 8000	I60S, 80S, 02ADA, 02ADB	✓✓ 300-268 (B)	1.359" X 8.07"	1660271C91	Double draw key
		300-282 (C)	1.359" X 8.07"	1660271C91	Double draw key
10,000, 12,000	I100S, 120S, 02ADL, 02ADC, 02ADN, 02ADD	✓✓ 300-276 (B)	1.921" X 9.87"	1668411C91	Knuckle 220SC100
		✓✓ 300-271 (C)	1.921" X 9.87"	1668411C91	Knuckle 220SC100
14,000	I140S, 02ADE	300-277 (B)	2.046" X 10.12"	1668412C91	
		300-272 (C)	2.046" X 10.12"	1668412C91	
16,000	FA231, 02231, FL941	✓✓ 300-216 (B)	1.999" X 11.21"	474520C91	Draw key lengths 3.03 & 4.68
		300-265 (C)	1.999" X 11.21"	597258C91	Draw key lengths 3.03 & 4.68
16,000, 18,000, 20,000	I160S, 02ADH, I200S, 02ADK	300-278 (B)	2.046" X 10.94"	1685405C91	Knuckle 220SC108

◆ Not Serviced by Dayton Parts (B) Bi-Metal Bushing (P) Plastic Bushing (LH) Left Hand
 ✓ Popular (C) Composite Bushing (C-C) Stud Center to Stud Center (RH) Right Hand
 ✓✓ Most Popular (N) Nylon Bushing (C-E) Stud Center to End



4000 - Series

Navistar/International

Navistar/International

4000 - Series (continued)

Tie Rod Ends; Non-driving steer axles

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000, 8,000	I60S, 80S, 02ADA, 02ADB	✓✓ 310-437 (LH)	11.89" C-E	1668224C91	Dropped design tie rod end
		✓✓ 310-438 (RH)	11.89" C-E	1668225C91	Dropped design tie rod end
10,000, 12,000	I100S, 120S, 02ADC, 02ADD, 02ADG, 02ADL	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
12,000	FA082, FA083, 02EYB, 2083	310-121 (RH)	4.88" C-E	110362R92	
		310-122 (LH)	4.88" C-E	110363R92	
	I120S, 02ADD	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
14,000	I140S, 02ADE	✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
		✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
16,000	FA231, 02231, FL941	✓✓ 310-229 (LH)	5.35" C-E	969056R91	
		✓✓ 310-228 (RH)	5.35" C-E	969055R91	
		✓ 310-396 (LH)	12.69" C-E	1668479C91	Type 2; With ABS brakes
		✓ 310-395 (RH)	12.69" C-E	1668480C91	Type 2; With ABS brakes
		✓✓ 310-433 (LH)	7.37" C-E	590583C91	Type 1; For 130" - 179" wheelbase
		✓✓ 310-434 (RH)	7.37" C-E	590584C91	Type 1; For 130" - 179" wheelbase
16,000, 18,000, 20,000	I160S, 02ADH, I180S, 02ADJ, I200S, 02ADK	✓ 310-396 (LH)	12.69" C-E	1668479C91	Type 2; For 179" and up wheelbase
		✓ 310-395 (RH)	12.69" C-E	1668480C91	Type 2; For 179" and up wheelbase
	I200S, 02ADK	✓✓ 310-229 (LH)	5.75" C-E	969056R91	
	✓✓ 310-228 (RH)	5.75" C-E	969055R91		

Tie Rod Ends; Driving steer axles

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
9,000	FA64, 02064, S-9000	310-485 (RH)	4.88" C-E	503100C91	1.12"-12 thread
		◆		574878C91	16 threads per inch
12,000, 14,000	FA83, SDA-12, SDA-14, 02083, 02EYB, 02EY	310-121 (LH)	4.88" C-E	110362R92	
		310-122 (RH)	4.88" C-E	110363R92	

4500, 4600LP, 4600UH, 4700LP

Drag Links

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
6,000, 8,000	I60S, 80S, 02ADA, 02ADB	05PRG	✓✓ 346-385	17.47" C-C	1661867C91	TRW/Ross TAS40 power steering
10,000	I100S, 02ADL	05PRG	◆	16.50" C-C	532892C91	

4700, 4900

Drag Links; Manual steering

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	All	05MRA, 05MRB	✓✓ 346-384	17.68" C-C	1661437C92	



Navistar/International

4000 - Series
5000 - Series

Navistar/International

4000 - Series (continued)

4600, 4700, 4900 4x2 and 4900 6x4
Drag Links; Power steering

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	All	05PRG	✓✓ 346-385	17.47" C-C	1661867C91	TRW/Ross TAS40 power steering
		05PRH	✓✓ 346-384	17.68" C-C	1661437C92	TRW/Ross TAS55 power steering
		05PRJ	✓✓ 346-384	17.68" C-C	1661437C92	TRW/Ross TAS65 power steering
		05PSA	✓✓ 346-384	17.68" C-C	1661437C92	Sheppard M100 power steering

4700, 4800, 4900

Drag Links; Power steering with dual steering gear

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	All	05PTA	✓✓ 346-384	17.68" C-C	1661437C92	Left
			◆ 346-456	18.38" C-C	1667329C91	Right
			◆		2006941C1	Right

4800 4x4 and 4900 6x6

Drag Links

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
9,000	FA64, 02064, S-9000	05PRH	◆ 346-461	18.45" C-C	1667556C91	TRW/Ross TAS55 power steering
12,000, 14,000	FA83, SDA-12, SDA-14, 02083, 02EYB, 02EY	05PRJ	◆	16.45" C-C	1667662C91	TRW/Ross TAS55 power steering

5000 - Series; Paystar

5010, F5010, 5050, F5050, 5070, F5070
King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FA139, 02139 FA339, 02339, I120S	300-205 (B)	1.609" X 9.66"	399942C93	Double draw key
		300-221 (B)	1.609" X 9.66"	493094C92	Single draw key; Before February 1, 1981
		300-205 (B)	1.609" X 9.66"	399942C93	Double draw key; Before February 1, 1981
		300-269 (C)	1.609" X 9.66"	1658934C93	Double draw key; From January 1, 1981
	I120S	300-249 (B)	1.609" X 9.66"	588808C91	Double draw key; From January 1, 1981
16,000, 18,000, 20,000	FA136, 02136, FA182, FA183, FH901, FL901	300-248 (C)	1.609" X 9.16"	586806C92	Double draw key
		300-210 (B)	1.999" X 11.04"	303140C92	
	FA231, FA232, FA233, FA238, FA239, FL941, 02KRB, 02KRC	✓✓ 300-211 (N)	1.999" X 11.04"	303140C92	
		✓✓ 300-216 (B)	1.999" X 11.21"	474520C91	Draw key lengths 3.03 & 4.68
I160S, 180S, 200S, 02ADH, 02ADJ, 02KDA	300-265 (C)	1.999" X 11.21"	597258C91	Draw key lengths 3.03 & 4.68	
		300-278 (B)	2.046" X 10.94"	1685405C91	Knuckle 220SC108

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FA139, 02139, FA339, 02339, I120S	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
16,000, 18,000, 20,000	FA136, 02136, FA182, FA183, FH901, FL901	✓✓ 310-229 (LH)	5.75" C-E	969056R91	
		✓✓ 310-228 (RH)	5.75" C-E	969055R91	

◆ Not Serviced by Dayton Parts (B) Bi-Metal Bushing (P) Plastic Bushing (LH) Left Hand
 ✓ Popular (C) Composite Bushing (C-C) Stud Center to Stud Center (RH) Right Hand
 ✓✓ Most Popular (N) Nylon Bushing (C-E) Stud Center to End

dayton
parts

5000 - Series; Paystar

Navistar/International

Navistar/International

5000 - Series (continued)

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
16,000, 18,000, 20,000 (cont.)	FA231, FA232, FA233, FA238, FA239, FH901	✓✓ 310-433 (LH)	7.37" C-E	590583C91	
		✓✓ 310-434 (RH)	7.37" C-E	590584C91	
		✓ 310-397 (LH)	7.37" C-E	590583C91	Severe duty application
		✓ 310-398 (RH)	7.37" C-E	590584C91	Severe duty application
	FL941, 02KRB, 02KRC	✓ 310-397 (LH)	7.37" C-E	590583C91	Severe duty application
		✓ 310-398 (RH)	7.37" C-E	590584C91	Severe duty application
		✓ 310-396 (LH)	12.69" C-E	1668479C91	Type 2
		✓ 310-395 (RH)	12.69" C-E	1668480C91	Type 2
	I160S, 180S, 200S, 02ADH, 02ADJ, 02KDA	310-459 (LH)	5.75" C-E	1685401C91	Type 1
		310-460 (RH)	5.75" C-E	1685402C91	Type 1
✓ 310-396 (LH)		12.69" C-E	1668479C91	Type 2	
✓ 310-395 (RH)		12.69" C-E	1668480C91	Type 2	
18,000, 21,000	FA194, 02194, FDS1807, 02ERA, 802WAB	310-399 (LH)	5.75" C-E	592872C91	From February 2, 1983
		310-322 (RH)	5.75" C-E	491666C91	
	FA196, 02196, FDS1808, 02ERA	310-399 (LH)	5.75" C-E	592872C91	From July 27, 1982
		310-322 (RH)	5.75" C-E	491666C91	
	RF-21-155, RF-21-355, 02ERD, 02ERE, 02ER	◆ (LH)		1685071C91	
		◆ (RH)		1685072C91	
	SDA-18, SDA-21, 02EYD, 02EYE, 02EYJ, 02E	◆ (LH)		597296C91	
		◆ (RH)		597297C91	
23,000	FA189, 02189, DA-23	◆ (LH)		597296C91	
		◆ (RH)		597297C91	

Drag Links; Set forward axle (1981-97 only)

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	All	05318, 05319	◆		423887C91	Non-repairable type
			◆		462091C91	Repairable type
			◆		487231C91	Repairable type

Drag Links; Set forward axle with dual steering gears (1981-97 only)

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	All	05298, 05311, 05356	◆		465973C91	Drag link end; Use with 444852C94
			◆		444852C94	Before June 12, 1987
			◆	23.92" C-C	1655022C91	From June 12, 1987

Drag Links; Set back axle (1981-97 only)

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	All	05297	◆ (RH)	7.37" C-E	442354C91	Drag link end RH threads; Use with 485799C91
			◆ (RH)	7.37" C-E	1654912C91	Drag link end RH threads; Use with 346-467
			◆		485799C91	Before May 5, 1986
			346-464	34.70" C-C	1652578C91	From May 5, 1986



Navistar/International

5000 - Series; Paystar 5370 and 5870 - Series

5000 - Series; Paystar (continued)

Drag Links; Set back axle with dual steering gears (1981-97 only)

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks	
All	All	05294, 05297, 05298, 05311, 05356	310-316 (RH)	7.37" C-E	442354C91	Drag link end RH threads; Use with 485799C91	
			✓✓ 310-434 (RH)	7.37" C-E	590584C91	Drag link end RH thread; Use with 346-464	
			◆		485799C91	Before May 5, 1986	
				346-464	34.70" C-C	1652578C91	From May 5, 1986
		05297, 05298, 05311	◆			487935C91	Drag link end; Use with 485801C91
			◆			485801C91	
		05359, 05PTC	310-316 (RH)	7.37" C-E	442354C91	Drag link end RH threads; Use with 1606860C91	
◆				1606860C91			

5370 - Series

C05370 and C0F5370

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
16,000, 18,000, 20,000	FA231, 02231, FH901, FL931, 02232, 02233	✓✓ 300-216 (B)	1.999" X 11.21"	474520C91	Draw key lengths 3.03 & 4.68
		300-265 (C)	1.999" X 11.21"	597258C91	Draw key lengths 3.03 & 4.68

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
16,000, 18,000, 20,000	FA231, 02231, FH901, FL931, 02232, 02233	✓✓ 310-433 (LH)	7.37" C-E	590583C91	
		✓✓ 310-434 (RH)	7.37" C-E	590584C91	

Drag Links

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks	
All	All	05297, 05312, 05343, 05347	346-464	34.70" C-C	1652578C91		
			✓✓ 310-434 (RH)	7.37" C-E	590584C91	Drag link end RH thread; Use with 1652578C91	
			◆		8.00" C-E	492316C1	Drag link end; Use with 486162C91 and 485798C91
			◆			486162C91	Left
			◆			485798C91	Right
			◆			486641C91	Left
			◆			485799C91	Right

5870 - Series

C0F5870

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FA242, 02242	300-205 (B)	1.609" X 9.66"	399942C93	Double draw key
		300-269 (C)	1.609" X 9.66"	1658934C93	Double draw key
		300-249 (B)	1.609" X 9.66"	588808C91	Double draw key
	1120 Dual, 02242	300-248 (C)	1.609" X 9.16"	586806C92	Double draw key
16,000, 18,000, 20,000, 32,000	FA231, FA232, FA233, FA241, FH901, FL931, FL941 Dual, 02241	✓✓ 300-216 (B)	1.999" X 11.21"	474520C91	Draw key lengths 3.03 & 4.68
		300-265 (C)	1.999" X 11.21"	597258C91	Draw key lengths 3.03 & 4.68



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand



5870 - Series 7000 - Series

Navistar/International

Navistar/International

5870 - Series (continued)

Tie Rod Ends; Driving and Non-driving steer axles

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FA242, 02242, 1120, Dual	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
	1120 Dual, 02242	◆ (LH)	5.44" C-E	506662C91	
		◆ (RH)	5.44" C-E	506661C91	
16,000, 18,000, 20,000, 32,000	FA231, FA232, FA233, FA241, FH901, FL931	✓✓ 310-433 (LH)	7.37" C-E	590583C91	
		✓✓ 310-434 (RH)	7.37" C-E	590584C91	
		✓ 310-397 (LH)	7.37" C-E	590583C91	Severe duty application
		✓ 310-398 (RH)	7.37" C-E	590584C91	Severe duty application
	FL941 Dual, 02241	✓✓ 310-229 (LH)	5.75" C-E	969056R91	
		✓✓ 310-228 (RH)	5.75" C-E	969055R91	
		✓ 310-396 (LH)	12.69" C-E	1668479C91	
		✓ 310-395 (RH)	12.69" C-E	1668480C91	
21,000	FA194, 02194, FDS1807, 02ERA	310-399 (LH)	5.75" C-E	592872C91	From February 2, 1983
		310-322 (RH)	5.75" C-E	491666C91	

Drag Links; Single steer axle

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
16,000, 18,000, 20,000	FA231, FA232, FA233, FH901, FL931, FL941	05297	◆	8.00" C-E	492316C1	Drag link end; Use with 485798C91
			✓✓ 310-434 (RH)	7.37" C-E	590584C91	Drag link end RH thread; Use with 346-464
			◆		485798C91	
			◆		485799C91	
			◆		1606860C91	
			346-464	34.70" C-C	1652578C91	

Drag Links; Dual steer axle

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
12,000	FA242, 02242, 1120	05348	◆		531418C91	Front of front axle
			◆		531419C91	Rear of front axle
			◆		525270C93	Connecting link - inner axle
16,000	FA241, 02241, FL941	05349	◆		524541C91	Front of front axle
			◆		524542C91	Rear of front axle
			◆		525270C93	Connecting link - inner axle

7000 - Series

7100

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000, 8,000	I60S, 80S, 02ADA, 02ADB	300-218 (B)	1.359" X 7.79"	473695C91	Single draw key
		✓✓ 300-268 (B)	1.359" X 8.07"	1660271C91	Double draw key
		300-282 (C)	1.359" X 8.07"	1660271C91	Double draw key
10,000, 12,000	I100S, 120S, 02ADL, 02ADC, 02ADD, 02ADN	✓✓ 300-276 (B)	1.921" X 9.87"	1668411C91	Knuckle 220SC100
		✓✓ 300-271 (C)	1.921" X 9.87"	1668411C91	Knuckle 220SC100
12,000	E1200I, 02AED	✓✓ 300-297 (B)	1.794" X 9.05"	823078, 328344	T182 thrust bearing
		300-293 (C)	1.794" X 9.05"	823078, 328344	T182 thrust bearing
14,000	I140S, 02ADE	300-277 (B)	2.046" X 10.12"	1668412C91	
		300-272 (C)	2.046" X 10.12"	1668412C91	
16,000	FA231, 2231	✓✓ 300-216 (B)	1.999" X 11.21"	474520C91	Draw key lengths 3.03 & 4.68
		300-265 (C)	1.999" X 11.21"	597258C91	Draw key lengths 3.03 & 4.68



Navistar/International

7000 - Series
8000 - Series

Navistar/International

7000 - Series (continued)

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000, 8,000	I60S, 80S, 02ADA, 02ADB	✓✓ 310-437 (LH)	11.89" C-E	1668224C91	Dropped design tie rod end
		✓✓ 310-438 (RH)	11.89" C-E	1668225C91	Dropped design tie rod end
10,000, 12,000	I100S, 120S, 02ADL, 02ADC, 02ADN, 02ADD	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
		✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
12,000	E1200I, 02AED	✓ 310-456 (LH)	6.00" C-E	FTR3477	
		✓ 310-455 (RH)	6.00" C-E	FTR3476	
14,000	I140S, 02ADE	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
		✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
16,000	FA231, 02231	✓✓ 310-433 (LH)	7.37" C-E	590583C91	
		✓✓ 310-434 (RH)	7.37" C-E	590584C91	

Drag Links

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	All	05MRA, 05MRB	✓✓ 346-384	17.68" C-C	1661437C92	TRW/Ross 503 manual steering
		05PRG	✓✓ 346-385	17.47" C-C	1661867C91	TRW/Ross TAS40 power steering
		05PRH, 05PRJ, 05PSA, 05PSH	✓✓ 346-384	17.68" C-C	1661437C92	TRW/Ross TAS55 or TAS65 power steering; Sheppard M90 or M100 power steering

8000 - Series

8100, 8200, 8300

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000	I100S, 02ADC	✓✓ 300-276 (B)	1.921" X 9.87"	1668411C91	Knuckle 220SC100
		✓✓ 300-271 (C)	1.921" X 9.87"	1668411C91	Knuckle 220SC100
12,000	FA226, 02226, FF941, FF942	✓✓ 300-232 (B)	1.794" X 10.40"	FAK4555	Draw key lengths 2.81 & 3.87
		300-242 (C)	1.794" X 10.40"	597556C91	Draw key lengths 2.81 & 3.87
	I120S, 02ADD, 02ADG	✓✓ 300-276 (B)	1.921" X 9.87"	1668411C91	Knuckle 220SC100
		✓✓ 300-271 (C)	1.921" X 9.87"	1668411C91	Knuckle 220SC100
	FF961, 02ARA	✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25 & 3.68
		300-266 (C)	1.794" X 10.40"	1665531C91	Draw key lengths 3.25 & 3.68
13,200	FA227, 02227, FF932, FF942	✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25 & 3.68
		300-266 (C)	1.794" X 10.40"	1665531C91	Draw key lengths 3.25 & 3.68
		✓✓ 300-232 (B)	1.794" X 10.40"	FAK4555	Draw key lengths 2.81 & 3.87
		300-242 (C)	1.794" X 10.40"	597556C91	Draw key lengths 2.81 & 3.87
14,000	I140S, 02ADE	300-277 (B)	2.046" X 10.12"	1668412C91	
		300-272 (C)	2.046" X 10.12"	1668412C91	
16,000, 18,000, 20,000	FL941, 02233, 02232, 02233	✓✓ 300-216 (B)	1.999" X 11.21"	474520C91	Draw key lengths 3.03 & 4.68
		300-265 (C)	1.999" X 11.21"	597258C91	Draw key lengths 3.03 & 4.68

8000 - Series

Navistar/International

Navistar/International

8000 - Series (continued)

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000	I100S, 02ADC	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
		✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
12,000, 13,200, 14,000	FA226, 02226, FA227, 02227, FF932, FF941, FF942, FF961, I120S, 02ADD, 02ADG, 02ARA	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
		✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
16,000, 18,000, 20,000	FL941, 02231, 02232, 02233	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
		✓✓ 310-433 (LH)	7.37" C-E	590583C91	
		✓✓ 310-434 (RH)	7.37" C-E	590584C91	
		✓ 310-396 (LH)	12.69" C-E	1668480C91	
		✓ 310-395 (RH)	12.69" C-E	1668479C91	

8100, 8200, 8300

Drag Links; Manual steering

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	All	05MRA	✓✓ 346-384	17.68" C-C	1661437C92	8100
			346-455	27.56" C-C	1667772C92	8300; From January 1, 1989
			310-486 (RH)	6.38" C-E	596653C91	Drag link end RH thread; Use with 346-455

8100

Drag Links; Power steering

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	All	05PRH, 05PRJ, 05PSA, 05PSH	✓✓ 346-384	17.68" C-C	1661437C92	TRW/Ross TAS55 or TAS65 power steering; Sheppard M90 or M100 power steering
		05PRJ	◆	16.50" C-C	532892C91	TRW/Ross TAS65 power steering

8200, 8300

Drag Links; Power steering

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	All	05PRJ, 05PSA	310-486 (RH)	6.38" C-E	596653C91	Drag link end RH thread; Use with 346-455
			346-455	27.56" C-C	1667772C92	8200



9000 - Series

9100, 9200, 9300, 9400, 9600, 9700, 9800, CO9670, COF9670, Eagle

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000, 12,000	I100S, O2ADC, 120S, O2ADD	✓✓ 300-276 (B)	1.921" X 9.87"	1668411C91	Knuckle 220SC100; 9100, 9200, 9300, 9400, 9600, CO9670, COF9670, 9700, 9800
		✓✓ 300-271 (C)	1.921" X 9.87"	1668411C91	Knuckle 220SC100; 9100, 9200, 9300, 9400, 9600, CO9670, COF9670, 9700, 9800
	FA340, O2340, FA341, O2341	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key; 9600, CO9670, COF9670, 9700, 9800 Eagle
		300-250 (B)	1.611" X 9.66"	493094C93	300-221 + .002; 9600, CO9670, COF9670, 9700, 9800 Eagle
		300-249 (B)	1.609" X 9.66"	588808C91	Double draw key; 9600, CO9670, COF9670, 9700, 9800 Eagle
	300-269 (C)	1.609" X 9.66"	1658934C93	Double draw key; 9600, CO9670, COF9670, 9700, 9800 Eagle	
12,000	E1200I, O2AED	✓✓ 300-297 (B)	1.794" X 9.05"	823078, 328344	T182 thrust bearing; 9100, 9200, 9300, 9400
		300-293 (C)	1.794" X 9.05"	823078, 328344	T182 thrust bearing; 9100, 9200, 9300, 9400
	FA223, O2223, FA226, O2226, FA227, O2227, O2ARA, FF931, 941, 961	✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25 & 3.68; 9100, 9200, 9300, 9400, 9600, CO9670, COF9670, 9700, 9800
		300-266 (C)	1.794" X 10.40"	1665531C91	Draw key lengths 3.25 & 3.68; 9100, 9200, 9300, 9400, 9600, CO9670, COF9670, 9700, 9800
		✓ 300-232 (B)	1.794" X 10.40"	FAK4555	Draw key lengths 2.81 & 3.87; 9100, 9200, 9300, 9400, 9600, CO9670, COF9670, 9700, 9800
		300-242 (C)	1.794" X 10.40"	597556C91	Draw key lengths 2.81 & 3.87; 9100, 9200, 9300, 9400, 9600, CO9670, COF9670, 9700, 9800
FA234, O2234, FF971	300-223 (B)	1.609" X 9.16"	493095C91	Single draw key; 9100, 9200, 9300, 9400, 9600, 9700, CO9670, COF9670, Eagle, Center Point Steering	
	300-248 (B)	1.609" X 9.16"	586806C92	Double draw key; 9100, 9200, 9300, 9400, 9600, 9700, CO9670, COF9670, Eagle, Center Point Steering	
12,000, 13,200	FA337, O2337, FA339, O2339, FA340, O2340, FA343, O2343, I120	300-249 (B)	1.609" X 9.66"	588808C91	Double draw key; 9300, 9400, 9600, CO9670, COF9670, 9700, 9800
		300-269 (C)	1.609" X 9.66"	1658934C93	Double draw key; 9300, 9400, 9600, CO9670, COF9670, 9700, 9800
	FA227, 2227, FF931, 932, 941, 942, 961	✓ 300-232 (B)	1.794" X 10.40"	FAK4555	Draw key lengths 2.81 & 3.87; 9200, 9300, 9400, 9600, 9700, CO9670, COF9670, Eagle
		300-242 (C)	1.794" X 10.40"	597556C91	Draw key lengths 2.81 & 3.87; 9200, 9300, 9400, 9600, 9700, CO9670, COF9670, Eagle
	EFA12F3, 13F3, O2AEA	300-275 (B)	1.625" X 9.20"	FAK4584	Bronze thrust bearing 0.42 x 3.08; 9200, 9300, 9400, 9600, 9700
		300-258 (C)	1.625" X 9.20"	806356	Bronze thrust bearing 0.42 x 3.08; 9200, 9300, 9400, 9600, 9700
EFA12F4, 13F5, O2250	✓ 300-274 (B)	1.625" X 9.20"	FAK4583	Roller thrust bearing 0.66 x 3.36; 9200, 9300, 9400, 9600, 9700	
	300-257 (C)	1.625" X 9.20"	FAK4572	Roller thrust bearing 0.66 x 3.36; 9200, 9300, 9400, 9600, 9700	
13,200	E1320I, O2AEG	✓✓ 300-297 (B)	1.794" X 9.05"	823078, 328344	9100, 9200, 9300, 9400
		300-293 (C)	1.794" X 9.05"	823078, 328344	9100, 9200, 9300, 9400
14,000	I140S, O2ADE	300-277 (B)	2.046" X 10.12"	1668412C91	9100, 9200, 9300, 9400, 9600, CO9670, COF9670, 9700, 9800
		300-272 (C)	2.046" X 10.12"	1668412C91	9100, 9200, 9300, 9400, 9600, CO9670, COF9670, 9700, 9800



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand



9000 - Series

Navistar/International

Navistar/International

9000 - Series (continued) King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
14,600	FG941, 02ARG	300-264 (B)	1.794" X 10.40"	FAK4567	Draw key lengths 2.81 & 3.87; 9100, 9200, 9300, 9400
		300-244 (C)	1.794" X 10.40"	FAK4566	Draw key lengths 2.81 & 3.87; 9100, 9200, 9300, 9400
16,000, 18,000	FA231, 02231, FA232, 02232, FL931, 941	300-216 (B)	1.999" X 11.21"	474520C91	Draw key lengths 3.03 & 4.68; 9200, 9300, 9400, 9600, 9700, CO9670, COF9670, Eagle
		300-265 (C)	1.999" X 11.21"	597258C91	Draw key lengths 3.03 & 4.68; 9200, 9300, 9400, 9600, 9700, CO9670, COF9670, Eagle
	I160S, 02ADH, I180S, 02ADJ, I200S, 02ADK	300-278 (B)	2.046" X 10.94"	1685405C91	Knuckle 220SC108; 9200, 9300, 9400
24,000	FA248, 02248	300-249 (B)	1.609" X 9.66"	588808C91	9600, CO9670, COF9670, 9700 w/dual steering axles
		300-269 (C)	1.609" X 9.66"	1658934C93	9600, CO9670, COF9670, 9700 w/dual steering axles

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks	
10,000, 12,000	I100S, 02ADC, 120S, 02ADD	310-222 (LH)	5.44" C-E	1668407C91	9100, 9200, 9300, 9400	
		310-223 (RH)	5.44" C-E	1668408C91	9100, 9200, 9300, 9400	
		310-215 (LH)	9.18" C-E	1649637C91	9100, 9200, 9300, 9400	
		310-216 (RH)	9.18" C-E	1649638C91	9100, 9200, 9300, 9400	
10,000, 12,000	FA337, 02337, FA339, 02339, FA340, 02340, FA341, 02341, I120	310-215 (LH)	9.18" C-E	1649637C91	9600, 9700, CO9670, COF9670, 9700, 9800 Eagle	
		310-216 (RH)	9.18" C-E	1649638C91	9600, 9700, CO9670, COF9670, 9700, 9800 Eagle	
12,000	FA234, 02234, FF971	310-313 (LH)	10.50" C-E	894049R93	All w/center point steering	
		310-314 (RH)	10.50" C-E	894050R93	All w/center point steering	
		310-223 (RH)	5.44" C-E	1668408C91	9200, 9600, 9700, CO9670, COF9760, Eagle, 9800	
12,000, 13,200	FA223, 02223, FA226, 02226, FA227, 02227, FA237, 02237, FA239, 02239, FA343, 02343, 02ARA, FF931, 932, 941, 942, 961	310-222 (LH)	5.44" C-E	1668407C91	9200, 9600, 9700, CO9670, COF9760, Eagle, 9800	
		310-455 (RH)	6.00" C-E	FTR3476	9100, 9200, 9300, 9400	
		310-456 (LH)	6.00" C-E	FTR3477	9100, 9200, 9300, 9400	
		310-223 (RH)	5.44" C-E	1668408C91	9100, 9200, 9300, 9400	
		310-222 (LH)	5.44" C-E	1668407C91	9100, 9200, 9300, 9400	
		310-286 (RH)	8.12" C-E	1009010	9100, 9200, 9300, 9400	
	E1200I 02AED, E1320I, 02AEG	310-285 (LH)	8.12" C-E	1009009	9100, 9200, 9300, 9400	
		(RH)	5.44" C-E	506661C91	9600, 9700, CO9670, COF9670, 9700, 9800 Eagle	
		(LH)	5.44" C-E	506662C91	9600, 9700, CO9670, COF9670, 9700, 9800 Eagle	
		310-215 (RH)	9.18" C-E	1649637C91	9600, 9700, CO9670, COF9670, 9700, 9800 Eagle	
		310-216 (LH)	9.18" C-E	1649638C91	9600, 9700, CO9670, COF9670, 9700, 9800 Eagle	
		EFA12F3/F4, 13F3/F5, 02250, 02AEA	310-222 (LH)	5.44" C-E	1668407C91	All
310-223 (RH)	5.44" C-E		1668408C91	All		
310-216 (RH)	9.18" C-E		1649638C91	All		
310-215 (LH)	9.18" C-E		1649637C91	All		
14,000	I140S, 02ADE		310-222 (LH)	5.44" C-E	1668407C91	9100, 9200, 9300, 9400
			310-223 (RH)	5.44" C-E	1668408C91	9100, 9200, 9300, 9400

Navistar/International

**9000 - Series
S - Series**

Navistar/International

9000 - Series (continued)
Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
16,000, 18,000, 20,000	FA231, 02231, FA232, 02232, FL931, 941, I160S, 02ADH, I180S, 02ADJ, I200S, 02ADK	✓✓ 310-229 (LH)	5.75" C-E	969056R91	All
		✓✓ 310-228 (RH)	5.75" C-E	969055R91	All
		✓✓ 310-229SF (LH)	5.75" C-E	969056R91	All
		✓✓ 310-228SF (RH)	5.75" C-E	969055R91	All
		✓✓ 310-433 (LH)	7.37" C-E	590583C91	All
		✓✓ 310-434 (RH)	7.37" C-E	590584C91	All
		✓ 310-396 (LH)	12.69" C-E	1668479C91	All
24,000	FA248, 02248	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	9600, CO9670, COF9670, 9700 w/dual steering axles
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	9600, CO9670, COF9670, 9700 w/dual steering axles

Drag Links

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	All	05MRA	346-279	16.38" C-C	546486C91	9300, 9400, 9600, 9700
			310-434 (RH)	7.37" C-E	686355C91	Adjustable end for 346-279
			✓✓ 346-384	17.68" C-C	1661437C92	8100
			310-486 (RH)	6.38" C-E	596653C91	Adjustable end for set back axle
			346-455	27.56" C-C	1667772C92	
			310-486 (RH)	6.38" C-E	596653C91	Adjustable end for set back axle
			346-455	27.56" C-C	1667772C92	
All	All	05PRH, 05PRJ, 05PSA, 05PSH	✓✓ 346-384	17.68" C-C	1661437C92	TRW/Ross TAS55 or TAS65 power steering; Sheppard M90 or M100 power steering

S - Series; 1400 - 2100

1452SC, 1624, 1645LP, 1652SC, 1654, 1723, 1724, 1734, 1753, 1754

1823, 1824 4x2, 1853, 1853FC, 1854 4x2

1924, F1924 6x4, 1925, 1954, F1954 6x4, 1955

2124, 2125, F2125, 2154, 2155, F2155

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
5,000, 6,000	FA71, 02071, FA73, 02073, I50, 60	300-218 (B)	1.359" X 7.79"	473695C91	Single draw key
		300-238 (B)	1.359" X 7.79"	473695C91	.015 oversize
5,000, 6,000, 7,500, 8,000	FA104, 02104, I80	✓✓ 300-268 (B)	1.359" X 8.07"	1660271C91	Double draw key
		300-282 (C)	1.359" X 8.07"	1660271C91	Double draw key
7,500	FA101, 02101, I75	300-218 (B)	1.359" X 7.79"	473695C91	Single draw key
		300-238 (B)	1.359" X 7.79"	473695C91	.015 oversize
9,000	FA109, 02109	300-220 (B)	1.484" X 8.85"	493092C91	Single draw key
		300-194 (B)	1.484" X 8.85"	472093C91	Double draw key
	FA118, 02118	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key; Before February 1, 1981
		300-205 (B)	1.609" X 9.66"	399942C93	Double draw key; Before February 1, 1981
		300-249 (B)	1.609" X 9.66"	588808C91	Double draw key; From February 1, 1981
	FA309, 02309, I90	300-269 (C)	1.609" X 9.66"	1658934C93	Double draw key; From February 1, 1981
		300-223 (B)	1.609" X 9.16"	493095C91	Single draw key; Before February 1, 1981
		300-248 (B)	1.609" X 9.16"	586806C92	Double draw key

- ◆ Not Serviced by Dayton Parts
- ✓ Popular
- ✓✓ Most Popular
- (B) Bi-Metal Bushing
- (C) Composite Bushing
- (N) Nylon Bushing
- (P) Plastic Bushing
- (C-C) Stud Center to Stud Center
- (C-E) Stud Center to End
- (LH) Left Hand
- (RH) Right Hand



S - Series

Navistar/International

Navistar/International

S - Series; 1400 -2100 (continued) King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,800	FA127, 02127, FA329, 02329, I108	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key; Before February 1, 1981
		300-250 (B)	1.609" X 9.66"	493094C93	300-221 + .002; Before February 1, 1981
		300-205 (B)	1.609" X 9.66"	399942C93	Double draw key; Before February 1, 1981
		300-249 (B)	1.609" X 9.66"	588808C91	Double draw key; From February 1, 1981
		300-269 (C)	1.609" X 9.66"	1658934C93	Double draw key; From February 1, 1981
12,000	FA139, 02139, FA339, 02339, I120	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key; Before February 1, 1981
		300-250 (B)	1.609" X 9.66"	493094C93	300-221 + .002; Before February 1, 1981
		300-205 (B)	1.609" X 9.66"	399942C93	Double draw key; Before February 1, 1981
		300-249 (B)	1.609" X 9.66"	588808C91	Double draw key; From February 1, 1981
		300-269 (C)	1.609" X 9.66"	1658934C93	Double draw key; From February 1, 1981
	FA226, 02226, FF931, FF941	✓ 300-232 (B)	1.794" X 10.40"	FAK4555	Draw key lengths 2.81 & 3.87
		300-242 (C)	1.794" X 10.40"	597556C91	Draw key lengths 2.81 & 3.87
		✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25 & 3.68
13,200	I132	300-248 (C)	1.609" X 9.16"	586806C92	Double draw key
		300-249 (B)	1.609" X 9.66"	588809C91	Double draw key
		300-269 (C)	1.609" X 9.66"	588809C91	Double draw key
		✓ 300-232 (B)	1.794" X 10.40"	FAK4555	Draw key lengths 2.81 & 3.87
	FA227, 02227, FF932, FF942	300-242 (C)	1.794" X 10.40"	597556C91	Draw key lengths 2.81 & 3.87
		✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25 & 3.68
		300-266 (C)	1.794" X 10.40"	1665531C91	Draw key lengths 3.25 & 3.68
		13,500, 14,000	FA342, 02342	300-205 (B)	1.609" X 9.66"
300-249 (B)	1.609" X 9.66"			588808C91	Double draw key; From February 1, 1981
300-269 (C)	1.609" X 9.66"			1658934C93	Double draw key; From February 1, 1981
16,000, 18,000, 20,000	FA231, 02231, FA232, 02232, FA233, 02233, FL931, 941	✓✓ 300-216 (B)	1.999" X 11.21"	474520C91	Draw key lengths 3.03 & 4.68
		300-265 (C)	1.999" X 11.21"	597258C91	Draw key lengths 3.03 & 4.68

Tie Rod Ends; Non-driving steer axle

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
5,000, 6,000, 7,500, 8,000	FA71, 02071, FA73, 02073, FA101, 02101, FA104, 02104, I50, 60, 75, 80	310-183 (LH)	4.43" C-E	450063C91	
		310-184 (RH)	4.43" C-E	450062C91	
9,000	FA109, 02109, FA309, I90, 02309	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
	FA109, 02109, FA118, 02118, FA309, I90, 02309	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
10,800	FA329, I108, 02329	◆ (LH)	5.44" C-E	506662C91	
		◆ (RH)	5.44" C-E	506661C91	
	FA127, 02127, FA329, I108, 02329	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	



Navistar/International

S - Series

S - Series; 1400 -2100 (continued) Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FA226, 02226, FF931, FF941	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
	FA339, 02339, I120	◆ (LH)	5.44" C-E	506662C91	
		◆ (RH)	5.44" C-E	506661C91	
	FA139, 02139,	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
13,200	FA227, 02227, FF932, FF942	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
	I132	◆ (LH)	5.44" C-E	506662C91	
		◆ (RH)	5.44" C-E	506661C91	
13,500, 14,000	FA342, 02342	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
16,000, 18,000, 20,000	FA231, 02231, FA232, 02232, FA233, 02233, FL931, 941	✓✓ 310-433 (LH)	7.37" C-E	590583C91	
		✓✓ 310-434 (RH)	7.37" C-E	590584C91	
		✓ 310-397 (LH)	7.37" C-E	590583C91	Severe duty application
		✓ 310-398 (RH)	7.37" C-E	590584C91	Severe duty application

Drag Links; Non-driving steer axle

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
5,000, 6,000, 7,500, 8,000	FA71, FA73, FA101, FA104, 02071, 02073,		346-293	16.84" C-C	489023C91	Before August 5, 1987
			◆		1657432C91	From August 5, 1987
9,000	FA109, FA118, FA309, 02109, 02118, 02309		✓✓ 346-249	18.14" C-C	480645C92	
10,800	FA127, 02127, FA329, 02329		✓✓ 346-249	18.14" C-C	480645C92	Except 1853FC
12,000	FA139, 02139		✓✓ 346-249	18.14" C-C	480645C92	2100 models from 1981
	FA226, 02226, FF931, 941	05336.0010	◆		1614795C91	
	FA339, 02339, I120		✓✓ 346-249	18.14" C-C	480645C92	1600 - 1900 models except 1853FC; Except 15-22.2 tires
12,000, 13,200	FA227, 02227	05335.0004	◆	16.50" C-C	532892C91	

S - Series; 2200 - 2600

2275, F2275, 2276, F2276

2375, F2375

2524, F2524, 2554, F2554, 2574, F2574, 2575, F2575

2624, F2624, 2654, F2654, 2674, F2674, 2675, F2675

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,000	FA97, 02097	300-110 (B)	1.234" X 7.66"	61556R91	Single draw key
9,000	FA309, 02309, I90	300-223 (B)	1.609" X 9.16"	493095C91	Single draw key; Before April 30, 1981
		300-248 (B)	1.609" X 9.16"	586806C92	Double draw key; From April 30, 1981
		300-249 (B)	1.609" X 9.66"	588808C91	Double draw key; From August 1, 1981

S - Series

Navistar/International

Navistar/International

S - Series; 2200 -2600 (continued) King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,800, 12,000	FA329, 02329, FA339, 02339, FA341, 02341, I108, 120	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key; Before February 1, 1981
		300-250 (B)	1.609" X 9.66"	493094C93	300-221 + .002; Before February 1, 1981
		300-205 (B)	1.609" X 9.66"	399942C93	Double draw key; Before February 1, 1981
		300-249 (B)	1.609" X 9.66"	588808C91	Double draw key; From February 1, 1981
		300-269 (C)	1.609" X 9.66"	1658934C93	Double draw key; From February 1, 1981
12,000	FA248, 02248, FA340, 02340	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key
		300-250 (B)	1.609" X 9.66"	493094C93	300-221 + .002
	FA248, 02248, FA336, 02336, FA337, 02337, FA338, 02338, FA340, 02340	300-249 (B)	1.609" X 9.66"	588808C91	Double draw key
		300-269 (C)	1.609" X 9.66"	1658934C93	Double draw key
	EFA12, 02250	✓ 300-274 (B)	1.625" X 9.20"	FAK4583	Roller thrust bearing 0.66 x 3.36
	✓ 300-257 (C)	1.625" X 9.20"	FAK4572	Roller thrust bearing 0.66 x 3.36	
12,000, 13,200	FA226, 02226, FA227, 02227, FF931, 941, 942, 961, 02ARA	✓✓ 300-232 (B)	1.794" X 10.40"	FAK4555	Draw key lengths 2.81 & 3.87
		300-242 (C)	1.794" X 10.40"	597556C91	Draw key lengths 2.81 & 3.87
		300-284 (B)	1.794" X 10.40"	1665531C91	Draw key lengths 3.25 & 3.68
		300-266 (C)	1.794" X 10.40"	1665531C91	Draw key lengths 3.25 & 3.68
16,000, 18,000, 20,000	FA231, FA232, FA233, FH901, FL931, 941	✓✓ 300-216 (B)	1.999" X 11.21"	474520C91	Draw key lengths 3.03 & 4.68
		300-265 (C)	1.999" X 11.21"	597258C91	Draw key lengths 3.03 & 4.68
24,000	FA248, 02248	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key w/ dual steering axles
		300-250 (B)	1.609" X 9.66"	493094C93	300-221 + .002
		300-249 (B)	1.609" X 9.66"	588808C91	Double draw key w/ dual steering axles
		300-269 (C)	1.609" X 9.66"	1658934C93	Double draw key w/ dual steering axles

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,000	FA97, 02097	310-129 (LH)	3.88" C-E	263498C91	
		310-130 (RH)	3.88" C-E	263499C91	
9,000, 10,800	FA309, 02309, FA329, 02329, I90, 108	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
10,800	FA341, 02341	◆ (LH)	5.44" C-E	506662C91	For dropped I-beam
		◆ (RH)	5.44" C-E	506661C91	For dropped I-beam
12,000	EFA12, 02250	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
	FA248, 02248, FA336, 02336, FA337, 02337, FA338, 02338, FA339, 02339, FA340, 02340, I120	◆ (LH)	5.44" C-E	506662C91	For dropped I-beam
		◆ (RH)	5.44" C-E	506661C91	For dropped I-beam
		✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
12,000, 13,200	FA226, 02226, FA227, 02227, FF931, 941, 942, 961, 02ARA	✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
		✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	



Navistar/International

S - Series Cargostar

Navistar/International

S - Series; 2200 -2600 (continued) Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
16,000, 18,000, 20,000	FA231, FA232, FA233, FH901, FL931, 941	✓✓ 310-433 (LH)	7.37" C-E	590583C91	
		✓✓ 310-434 (RH)	7.37" C-E	590584C91	
		✓ 310-397 (LH)	7.37" C-E	590583C91	Severe duty application
		✓ 310-398 (RH)	7.37" C-E	590584C91	Severe duty application
24,000	FA248, 02248	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	Dual steering axles
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	Dual steering axles

Drag Links

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	All	All	✓✓ 346-249	18.14" C-C	480645C92	Steering Codes 05333, 05335, 05336 Except Models F26225, F2654, F2674
		05058	✓✓ 346-249	18.14" C-C	480645C92	Steering Codes 05333, 05335, 05336 Except Models F26225, F2654, F2674
		05058	◆	16.50" C-C	532892C91	Steering Codes 0508.1602, .8204; 05331.1601, 8202, 8203; 05335.9265; 05336.1603, 8206
		All	✓✓ 346-249	18.14" C-C	480645C92	Steering Codes 05333, 05335, 05336 Except Models F26225, F2654, F2674

Drag Links; Dual steering gears

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	All	All	310-317 (RH)	5.50" C-E	486807C91	Drag link end only; Use with 346-282/299/300/301
		05344	346-282	17.13" C-C	493652C91	Steering Codes 05344; Except Models F2624, F2654, F2674; Includes 310-317
		05337, 05338	346-300	17.37" C-C	490425C91	Steering Codes 05337, 05338, Except Models 2624, F2624, 26254, F2654, 2674, F2674; Includes 310-317
			◆	32.65" C-C	490424C91	Steering Codes 05337, 05338; Models 2624, F2624, 2654, F2654, 2674, F2674; Includes 310-317
		All	310-486 (RH)	6.38" C-E	596653C91	Adjustable end for set forward axle
			310-485 (RH)	4.88" C-E	503100C91	Adjustable end for set back axle
			346-282	17.13" C-C	493652C91	Steering Codes 05344; Except Models F2624, F2654, F2674; Includes 310-317
			◆		595806C91	From February 1, 1981; Set back axle
	346-293	16.84" C-C	489203C91	Steering Code 05057.1600		

Cargostar

CO1610A/B, CO1630A/B, CO1650A/B

CO1710A/B, CO1730A/B, CO1750A/B

CO1810A/B, COF1810A/B, CO1830A/B, CO1850A/B

CO1910A/B, COF1910A/B, CO1950A/B, COF1950A/B

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000	FA69, 02069, FA74, 02074	300-120 (B)	1.234" X 6.75"	70594R91	
		300-218 (B)	1.359" X 7.79"	473695C91	Single draw key
		300-238 (B)	1.359" X 7.79"	473695C91	.015 oversize
7,000, 7,500	FA99, 02099	300-110 (B)	1.234" X 7.66"	61556R91	Single draw key
7,500	FA103, 02103	300-218 (B)	1.359" X 7.79"	473695C91	Single draw key
		300-238 (B)	1.359" X 7.79"	473695C91	.015 oversize



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand



Cargostar (continued) King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
9,000	FA109, 02109	300-220 (B)	1.484" X 8.85"	493092C91	Single draw key
		300-194 (B)	1.484" X 8.85"	472093C91	Double draw key
	FA209, 02209	300-159 (B)	1.434" X 8.50"	303136C92	Double draw key
	FA309, 02309	300-223 (B)	1.609" X 9.16"	493095C91	Single draw key
		300-248 (B)	1.609" X 9.16"	586806C92	Double draw key
10,800	FA329, 02329	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key
		300-205 (B)	1.609" X 9.66"	399942C93	Double draw key
12,000	FA139, 02139	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key
	FA219, 02219	300-182 (B)	1.794" X 9.12"	303139C92	
	FA339, 02339	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key
		300-205 (B)	1.609" X 9.66"	399942C93	Double draw key
16,000	FA136, 02136, FH901	300-210 (B)	1.999" X 11.04"	303140C92	
		300-211 (N)	1.999" X 11.04"	303140C92	
16,000, 18,000	FA231, 02231, FA232, 02232, FL931	✓✓ 300-216 (B)	1.999" X 11.21"	474520C91	Draw key lengths 3.03 & 4.68
		300-265 (C)	1.999" X 11.21"	597258C91	Draw key lengths 3.03 & 4.68

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000	FA69, 02069	310-129 (LH)	3.88" C-E	263498C91	
		310-130 (RH)	3.88" C-E	263499C91	
	FA74, 02074	310-183 (LH)	4.43" C-E	450063C91	
		310-184 (RH)	4.43" C-E	450062C91	
7,000, 7,500	FA99, 02099	310-129 (LH)	3.88" C-E	263498C91	
		310-130 (RH)	3.88" C-E	263499C91	
7,500	FA103, 02103	310-183 (LH)	4.43" C-E	450063C91	
		310-184 (RH)	4.43" C-E	450062C91	
9,000	FA109, 02109, FA309, 02309	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
	FA209, 02209	310-121 (LH)	4.88" C-E	110362R92	
		310-122 (RH)	4.88" C-E	110363R92	
10,800	FA329, 02329	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
12,000	FA139, 02139, FA339, 02339	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
	FA219, 02219	310-121 (LH)	4.88" C-E	110362R92	
		310-122 (RH)	4.88" C-E	110363R92	
16,000, 18,000	FA136, 02136, FH901	✓✓ 310-229 (LH)	5.75" C-E	969056R91	1.41" Taper length
		✓✓ 310-228 (RH)	5.75" C-E	969055R91	1.41" Taper length
	FA231, 02231, FA232, 02232, FL931	✓✓ 310-433 (LH)	7.37" C-E	590583C91	
		✓✓ 310-434 (RH)	7.37" C-E	590584C91	

Drag Links

Cargostar uses repairable drag links which are not serviced by Dayton Parts



Fleetstar

1910A, F1910A

2010A, F2010A, 2050A, F2050A, 2070A, F2070A

2110A, 2150A

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,000, 7,500	FA91, 02091, FA98, 02098	300-110 (B)	1.234" X 7.66"	61556R91	Single draw key
7,500	FA101, 02101	300-218 (B)	1.359" X 7.79"	473695C91	Single draw key
		300-238 (B)	1.359" X 7.79"	473695C91	.015 oversize
9,000	FA105, 02105	300-159 (B)	1.434" X 8.50"	303136C92	Double draw key
	FA109, 02109	300-194 (B)	1.484" X 8.85"	472093C91	Double draw key; From chassis# G388092
		300-220 (B)	1.484" X 8.85"	493092C91	Single draw key
	FA309, 02309	300-223 (B)	1.609" X 9.16"	493095C91	Single draw key
		300-205 (B)	1.609" X 9.66"	399942C93	Double draw key
10,800	FA329, 02329	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key
		300-205 (B)	1.609" X 9.66"	399942C93	Double draw key
12,000	FA112, 02112, FE970	300-195 (B)	1.607" X 8.74"	303138C92	
	FA119, 02119	300-188 (B)	1.609" X 9.61"	306921C93	
	FA139, 02139	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key
		300-205 (B)	1.609" X 9.66"	399942C93	Double draw key
	FA211, 02211, FA215, 02215	300-182 (B)	1.794" X 9.12"	303139C92	
	FA228, 02228, FF921	300-204 (B)	1.794" X 10.40"	452344C91	
	FA339, 02339	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key
		300-205 (B)	1.609" X 9.66"	399942C93	Double draw key
16,000, 18,000	FA136, 02136, FA182, 02182, FH901, FL901	300-210 (B)	1.999" X 11.04"	303140C92	
		300-211 (N)	1.999" X 11.04"	303140C92	
	FA231, 02231, FA232, 02232, FL931	✓✓ 300-216 (B)	1.999" X 11.21"	474520C91	Draw key lengths 3.03 & 4.68
		300-265 (C)	1.999" X 11.21"	597258C91	Draw key lengths 3.03 & 4.68

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,000, 7,500	FA91, 02091, FA98, 02098	310-129 (LH)	3.88" C-E	263498C91	
		310-130 (RH)	3.88" C-E	263499C91	
7,500	FA101, 02101	310-183 (LH)	4.43" C-E	450063C91	
		310-184 (RH)	4.43" C-E	450062C91	
9,000	FA105, 02105	310-121 (LH)	4.88" C-E	110362R92	
		310-122 (RH)	4.88" C-E	110363R92	
	FA109, 02109, FA309, 02309	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	From chassis# G297582
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	From chassis# G297582
10,800	FA329, 02329	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
12,000	FA112, 02112, FE970	310-121 (LH)	4.88" C-E	110362R92	
		310-122 (RH)	4.88" C-E	110363R92	Before chassis# G297582
		✓✓ 310-229 (LH)	5.75" C-E	969056R91	
		✓✓ 310-228 (RH)	5.75" C-E	969055R91	
		310-313 (LH)	10.50" C-E	894049R93	
		310-314 (RH)	10.50" C-E	894050R93	
	FA119, 02119, FA139, 02139	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	From chassis# G297582
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	From chassis# G297582



Not Serviced by Dayton Parts
 Popular
 Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand



Fleetstar (continued)
Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000 (cont.)	FA211, 02211, FA215, 02215	310-121 (LH)	4.88" C-E	110362R92	
		310-122 (RH)	4.88" C-E	110363R92	
	FA228, FF921, 02228, FF921	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
	FA339, 02339	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
16,000, 18,000	FA136, 02136, FA182, 02182, FH901, FL901	✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
		✓✓ 310-229 (LH)	5.75" C-E	969056R91	
	✓✓ 310-228 (RH)	5.75" C-E	969055R91		
	FA231, 02231, FA232, 02232, FL931	✓✓ 310-433 (LH)	7.37" C-E	590583C91	
		✓✓ 310-434 (RH)	7.37" C-E	590584C91	

Drag Links; Manual steering
Nonrepairable type only

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
7,000, 7,500	FA091, 02091, FA98, 02098, FA101, 02101	All	◆		346293C91	9 X 20 tires
			◆		346294C91	10 and 11 X 20; 10 and 11 X 22 tires
12,000	FA112, 02112, FE970	All	◆		346847C91	
	FA228, 02228, FF921	All	◆		435345C91	

Drag Links; Power steering
Nonrepairable type only

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
7,000, 7,500	FA091, 02091, FA98, 02098, FA101, 02101	All	◆	15.27" C-C	346295C91	
9,000	FA109, 02109, FA309, 02309	Exc. 05270, 05320, 05322, 05326, 05329	◆	15.07" C-C	346297C91	
			◆	15.28" C-C	346289C91	
10,800	FA329, 02329	05320, 05322, 05326, 05329	◆		459544C91	
12,000	FA139, 02139	Exc. 05290, 05291, 05321, 05323, 05326.2, 05327.1	◆	14.14" C-C	346290C91	Spring codes 03503, 03506 and 03514
			◆	15.07" C-C	346289C91	Spring code 03500
			◆	14.45" C-C	402038C91	Spring codes 03503, 03506 and 03514
			◆	15.28" C-C	402036C91	Spring code 03500
			◆	14.45" C-C	459544C91	
			◆		381747C91	Spring codes 03503, 03506 and 03514; Left
			◆		381748C91	Spring codes 03503, 03506 and 03514; Right
			◆		381747C91	Left
FA228, 02228, FF921	All		◆		381748C91	Right
			◆		420762C91	

Navistar/International

Fleetstar
Loadstar

Navistar/International

Fleetstar (continued)

Drag Links; Power steering
Nonrepairable type only

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
12,000 (cont.)	FA339, 02339	05320, 05322, 05326, 05329 Exc. 05320, 05322, 05326, 05329	◆	14.45" C-C	459544C91	
			◆		381747C91	Left
			◆		381748C91	Right
16,000	FA136, 02136, FH901	Exc. 05290, 05291 05290, 05291	◆	13.71" C-C	347951C91	
			◆		347948C91	Left
			◆	14.14" C-C	346290C91	Right
18,000	FA182, 02182, FL901	All	◆		347948C91	Left
			◆	14.14" C-C	346290C91	Right
	FA231, 02231, FA232, 02232, FH901, FL901, 931	All	◆	14.35" C-C	386738C92	Left
			◆	14.35" C-C	386739C92	Right

Loadstar

1600, 1603, 1630, 1700

1610FC, 1650

1703, 1730, 1750

1800, 1803, 1830, 1850, 1853, 1890

F1800, F1850

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
4,700	FA48, 02048	300-118 (B)	1.110" X 6.25"	69971R91	
5,000	FA68, 02068 FA71, 02071	300-120 (B)	1.234" X 6.75"	70594R91	
		300-218 (B)	1.359" X 7.79"	473695C91	Single draw key
		300-238 (B)	1.359" X 7.79"	473695C91	.015 oversize
		✓✓ 300-268 (B)	1.359" X 8.07"	1660271C91	Double draw key
5,500	FA72, 02072 FA89, 02089	300-282 (C)	1.359" X 8.07"	1660271C91	Double draw key
		300-120 (B)	1.234" X 6.75"	70594R91	
		300-110 (B)	1.234" X 7.66"	61556R91	Single draw key
6,000	FA73, 02073	300-218 (B)	1.359" X 7.79"	473695C91	Single draw key
		300-238 (B)	1.359" X 7.79"	473695C91	.015 oversize
		✓✓ 300-268 (B)	1.359" X 8.07"	1660271C91	Double draw key
		300-282 (C)	1.359" X 8.07"	1660271C91	Double draw key
7,000, 7,500	FA91, 02091, FA98, 02098	300-110 (B)	1.234" X 7.66"	61556R91	Single draw key
7,500	FA101, 02101	300-218 (B)	1.359" X 7.79"	473695C91	Single draw key
		300-238 (B)	1.359" X 7.79"	473695C91	.015 oversize
		✓✓ 300-268 (B)	1.359" X 8.07"	1660271C91	Double draw key
		300-282 (C)	1.359" X 8.07"	1660271C91	Double draw key
9,000	FA105, 02105, FA208, 2208	300-159 (B)	1.434" X 8.50"	303136C92	Double draw key
		300-220 (B)	1.484" X 8.85"	493092C91	Single draw key
	FA109, 02109 FA309, 02309	300-194 (B)	1.484" X 8.85"	472093C91	Double draw key
		300-223 (B)	1.609" X 9.16"	493095C91	Single draw key
		300-205 (B)	1.609" X 9.66"	399942C93	Double draw key



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand



Loadstar (continued)

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,800	FA329, 02329	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key
		300-205 (B)	1.609" X 9.66"	399942C93	Double draw key
12,000	FA139, 02139, FA339, 02339	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key
		300-205 (B)	1.609" X 9.66"	399942C93	Double draw key
	FA215, 02215, FA218, 02218	300-182 (B)	1.794" X 9.12"	303139C92	
16,000	FA136, 02136	300-204 (B)	1.794" X 10.40"	452344C91	
		300-210 (B)	1.999" X 11.04"	303140C92	
		300-211 (N)	1.999" X 11.04"	303140C92	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
5,000	FA68, 02068	310-129 (LH)	3.88" C-E	263498C91	
		310-130 (RH)	3.88" C-E	263499C91	
	FA71, 02071	310-183 (LH)	4.43" C-E	450063C91	
		310-184 (RH)	4.43" C-E	450062C91	
5,500	FA72, 02072, FA089, 02089	310-129 (LH)	3.88" C-E	263498C91	
		310-130 (RH)	3.88" C-E	263499C91	
6,000	FA73, 02073	310-183 (LH)	4.43" C-E	450063C91	
		310-184 (RH)	4.43" C-E	450062C91	
7,000, 7,500	FA91, 02091, FA98, 02098	310-129 (LH)	3.88" C-E	263498C91	
		310-130 (RH)	3.88" C-E	263499C91	
7,500	FA101, 02101	310-183 (LH)	4.43" C-E	450063C91	
		310-184 (RH)	4.43" C-E	450062C91	
9,000	FA105, 02105, FA208, 02208	310-121 (LH)	4.88" C-E	110362R92	
		310-122 (RH)	4.88" C-E	110363R92	
	FA109, 02109, FA309, 02309	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
10,800	FA329, 02329	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
		✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
12,000	FA139, 02139	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
	FA218, 02218, FA215, 02215	310-121 (LH)	4.88" C-E	110362R92	
		310-122 (RH)	4.88" C-E	110363R92	
	FA228, 02228	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
		✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
16,000	FA339, 02339	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
		✓✓ 310-229 (LH)	5.75" C-E	969055R91	
		✓✓ 310-228 (RH)	5.75" C-E	969055R91	

Navistar/International

Loadstar Transtar COE

Navistar/International

Loadstar (continued)

Drag Links

Nonrepairable tie only

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
5,000	FA71, 02071		◆	14.11" C-C	465697C91	1600, 1700, 1800
7,000, 7,500	FA91, 02091, FA98, 02098		◆	14.13" C-C	398313C92	1600, 1700, 1800, F1800, 1850, F1850
7,000	FA101, 02101		◆	14.75" C-C	400745C92	1600, 1700, 1800, F1800, 1850, F1850
9,000	FA109, 02109		◆	14.80" C-C	402032C91	1600, 1700, 1800, 1850, F1850
			◆	15.28" C-C	402036C91	1600, 1700, 1800, 1850, F1850
			◆	15.66" C-C	466217C91	1600, 1700, 1800, 1850, F1850
			◆	14.80" C-C	402032C91	1600, 1700, 1800, 1850
	FA208, 02208		◆	15.28" C-C	402034C91	1600, 1700, 1800, F1800, 1850, F1850
			◆	15.28" C-C	402036C91	1600, 1700, 1800, F1800, 1850, F1850
			◆	15.66" C-C	466217C91	1800, F1850
			◆	14.45" C-C	402038C91	F1800, 1850
	FA309, 2309		◆	14.80" C-C	402032C91	1700, 1850
			◆	15.28" C-C	402036C91	1700, 1850
		◆	15.66" C-C	466217C91	1700, 1850	
10,800, 12,000	FA139, 02139, FA329, 02329, FA339, 02339		◆	14.80" C-C	402032C91	F1800, 1850
			◆	14.45" C-C	459544C91	F1800, 1850

Transtar

Cab Over Engine (COE) models

CO4010, COF4010, COT4010

CO4050, COF4050, COT4050

CO4070A/B/D, COF4070A/B/D, COT4070D, COF4090A

CO4170, COF4170

CO7070B, COF7070B

Includes Transtar Eagle

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,800	FA329, 02329, FA341, 02341	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key; Before December 6, 1976
		300-250 (B)	1.609" X 9.66"	493094C93	300-221 + .002
		300-205 (B)	1.609" X 9.66"	399942C93	Double draw key; All years
12,000	FA112, 02112, FE970	300-195 (B)	1.607" X 8.74"	303138C92	
	FA119, 02119	300-188 (B)	1.609" X 9.61"	306921C93	
	FA139, 02139	300-205 (B)	1.609" X 9.66"	399942C93	Double draw key
	FA215, 02215, FA218, 02218	300-182 (B)	1.794" X 9.12"	303139C92	
	FA228, 02228, FF921	300-204 (B)	1.794" X 10.40"	452344C91	
	FA339, 02339, FA340, 02340	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key; Before December 6, 1976
		300-250 (B)	1.609" X 9.66"	493094C93	300-221 + .002
16,000	FA231, 02231, FH901	300-216 (B)	1.999" X 11.21"	474520C91	Draw key lengths 3.03 & 4.68
		300-265 (C)	1.999" X 11.21"	597258C91	Draw key lengths 3.03 & 4.68
16,000, 18,000	FA136, 02136, FA182, 02182, FL901	300-210 (B)	1.999" X 11.04"	303140C92	
		300-211 (N)	1.999" X 11.04"	303140C92	



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand



Transtar COE Transtar Conventional

Navistar/International

Navistar/International

Transtar (continued) Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,800	FA329, 02329, FA341, 02341	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
12,000	FA112, 02112, FA119, 02119, FA139, 02139, FA339, 02339, FA340, FE970	✓✓ 310-215 (LH)	9.18" C-E	1649637C91	
		✓✓ 310-216 (RH)	9.18" C-E	1649638C91	
		✓✓ 310-121 (LH)	4.88" C-E	110362R92	
	FA215, 02215, FA218, 02218	✓✓ 310-122 (RH)	4.88" C-E	110363R92	
	FA228, 02228, FF921	✓✓ 310-222 (LH)	5.44" C-E	1668407C91	
16,000	FA231, 02231, FH901	✓✓ 310-223 (RH)	5.44" C-E	1668408C91	
		✓✓ 310-433 (LH)	7.37" C-E	590583C91	
16,000, 18,000	FA136, 02136, FA182, 02182, FL901	✓✓ 310-434 (RH)	7.37" C-E	590584C91	
		✓✓ 310-229 (LH)	5.75" C-E	969055R91	
		✓✓ 310-228 (RH)	5.75" C-E	969055R91	

CO4170, COF4170, CO4070B, CO7070B, COF7070B

Drag Links; Nonrepairable type only

All other models use repairable type drag links

Repairable type drag links are not serviced by Dayton Parts

Axle Ratings	Axle Nos.	Steering Code	Part No.	Specifications	OEM Reference	Remarks
All	All	05293, 05331	346-297	17.29" C-C	449634C91	Includes 310-434
16,000	FA231, 02231		◆	16.88" C-C	442353C91	For axle code 02231 with 5.1" ball end includes 310-434
All	All	05298	310-434 (RH)	7.37" C-E	442354C91	Drag link end RH threads; Use with 346-296; 346-297, 346-298
		05109, 05293, 05331	✓✓ 310-434 (RH)	7.37" C-E	590584C91	Drag link end RH thread; Use with 346-297

Transtar

Conventional models

4200, F4200, 4270, F4270

4300, F4300, 4370, F4370

Includes Transtar Eagle

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks	
10,800	FA329, 02329, FA341, 02341	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key	
		300-250 (B)	1.609" X 9.66"	493094C93	300-221 + .002	
		300-205 (B)	1.609" X 9.66"	399942C93	Double draw key	
12,000	FA112, 02112, FE970	300-195 (B)	1.607" X 8.74"	303138C92		
		FA139, 02139, FA337, 02337, FA339, 02339, FA340, 02340	300-221 (B)	1.609" X 9.66"	493094C92	Single draw key
			300-250 (B)	1.609" X 9.66"	493094C93	300-221 + .002
	FA218, 02218	300-205 (B)	1.609" X 9.66"	399942C93	Double draw key	
		300-182 (B)	1.794" X 9.12"	303139C92		
		FA224, 02224, FF931A	◆	592801C91	Aluminum axle	
		FA228, 02228, FF921	300-204 (B)	1.794" X 10.40"	452344C91	
FA234, 02234, FF971	300-240 (B)	1.607" X 9.38"	577684C91	Center point steering		

Navistar/International

Transtar Conventional

Navistar/International

Transtar (continued) King Pin Sets

Axle Ratings	Axle Nos.		Part No.	Specifications	OEM Reference	Remarks
12,000, 13,200	FA223, 02223, FA226, 02226, FA227, 02227, FF931, 932, 941	✓	300-232 (B)	1.794" X 10.40"	FAK4555	Draw key lengths 2.81 & 3.87
			300-242 (C)	1.794" X 10.40"	597556C91	Draw key lengths 2.81 & 3.87
16,000	FA136, 02136, FH901		300-210 (B)	1.999" X 11.04"	303140C92	
			300-211 (N)	1.999" X 11.04"	303140C92	
	FA231, 02231, FL931	✓✓	300-216 (B)	1.999" X 11.21"	474520C91	Draw key lengths 3.03 & 4.68
			300-265 (C)	1.998" X 11.21"	597258C91	Draw key lengths 3.03 & 4.68

Tie Rod Ends

Axle Ratings	Axle Nos.		Part No.	Specifications	OEM Reference	Remarks
10,800	FA329, 02329, FA341, 02341	✓✓	310-215 (LH)	9.18" C-E	1649637C91	
		✓✓	310-216 (RH)	9.18" C-E	1649638C91	
12,000	FA112, 02112, FE970		310-313 (LH)	10.50" C-E	894049R93	
			310-314 (RH)	10.50" C-E	894050R93	
	FA139, 02139, FA218, 02218		310-121 (LH)	4.88" C-E	110362R92	
			310-122 (RH)	4.88" C-E	110363R92	
	FA224, 02224, FF931A, FA234, 02234, FF971		310-313 (LH)	10.50" C-E	894049R93	
			310-314 (RH)	10.50" C-E	894050R93	
12,000, 13,200	FA223, 02223, FA226, 02226, FA227, 02227, FA228, 02228, FF931, 932, 941	✓✓	310-215 (LH)	9.18" C-E	1649637C91	
		✓✓	310-216 (RH)	9.18" C-E	1649638C91	
16,000	FA136, 02136, FA231, 02231, FH901, FL931	✓✓	310-222 (LH)	5.44" C-E	1668407C91	
		✓✓	310-223 (RH)	5.44" C-E	1668408C91	
	FA231, 02231, FH901, FL931	✓✓	310-229 (LH)	5.75" C-E	969055R91	
		✓✓	310-228 (RH)	5.75" C-E	969055R91	
		✓✓	310-433 (LH)	7.37" C-E	590583C91	
		✓✓	310-434 (RH)	7.37" C-E	590584C91	

Drag Links

Axle Ratings	Axle Nos.	Steering Code		Part No.	Specifications	OEM Reference	Remarks
All	All			346-297	17.29" C-C	449634C91	Includes 310-434
		05109, 05298, 05318, 05336		◆	16.88" C-C	434933C91	After February 1, 1981 with manual, power or dual power steering
16,000	FA231, 02231	05044, 05293, 05298, 05318, 05323, 05325, 05336	✓✓	310-434 (RH)	7.37" C-E	590584C91	Drag link end RH thread; Use with 346-296; Before February 1, 1981
All	All		✓✓	310-434 (RH)	7.37" C-E	590584C91	



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

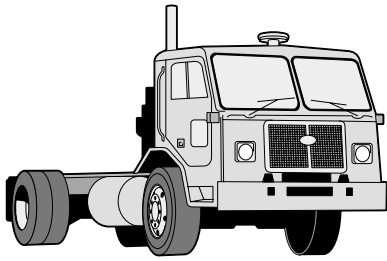
(LH) Left Hand
(RH) Right Hand



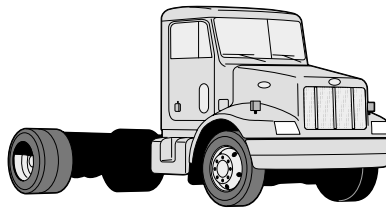
Drag Links

Peterbilt

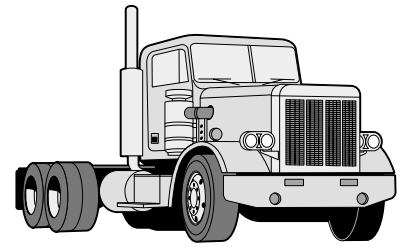
Peterbilt



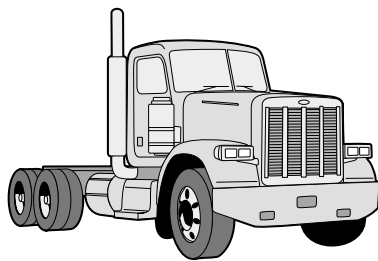
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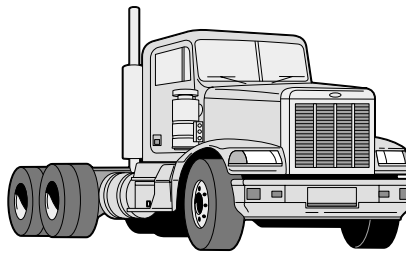
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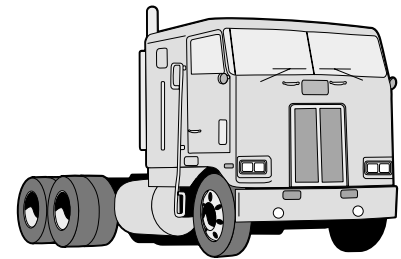
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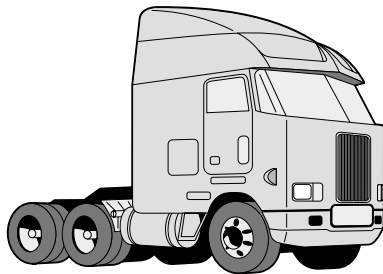
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375, 376, 377, 385



352, 362



372



386



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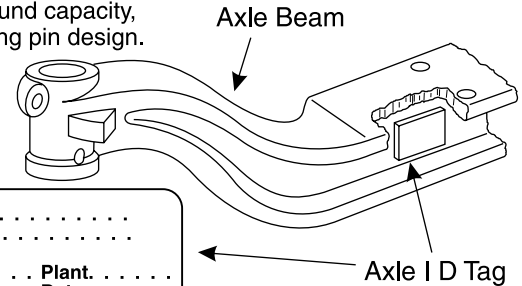
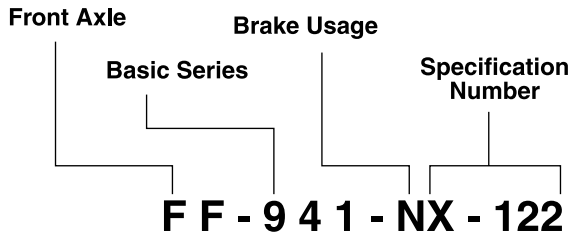
**Peterbilt Uses Eaton and Rockwell Front Axles
For King Pins Sets and Tie Rod Ends; See Axle Manufacturer
Drag Links
All Models**

Axle Ratings	Part No.	Specifications	OEM Reference	Remarks
All	◆	12.40" C-C	10-02600	Non-replaceable ends
	✓✓ 346-370	14.21" C-C	10-02163	Threaded studs both ends; Non-replaceable ends
	◆	14.21" C-C	10-02419	Non-replaceable ends; One threaded and one smooth with lock groove
	346-520	15.62" C-C	L24VU8036B11	Non-replaceable ends
	◆	21.65" C-C	10-02505	Non-replaceable ends
	◆	29.13" C-C	10-02601	Non-replaceable ends
	✓ 346-371	31.69" C-C	10-02260	Non-replaceable ends
	◆	44.29" C-C	10-02602	Non-replaceable ends



Rockwell Front Axle Models: Example FF 941 Front Axle

From this model number, you can tell that it is a front axle with a 12,000 pound capacity, it has Easy Steer™ (composite) king pin bushings, and it uses a straight king pin design.



Minimum Basic Capacity

A =	5,000 lbs.
B =	6,000 lbs.
C =	7,000 lbs.
D =	9,000 lbs.
E =	11,000 lbs.
F =	12,000 lbs.
G =	14,000 lbs.
H =	16,000 lbs.
L =	16-20,000 lbs.
Q =	30,000 lbs.

Major Variation

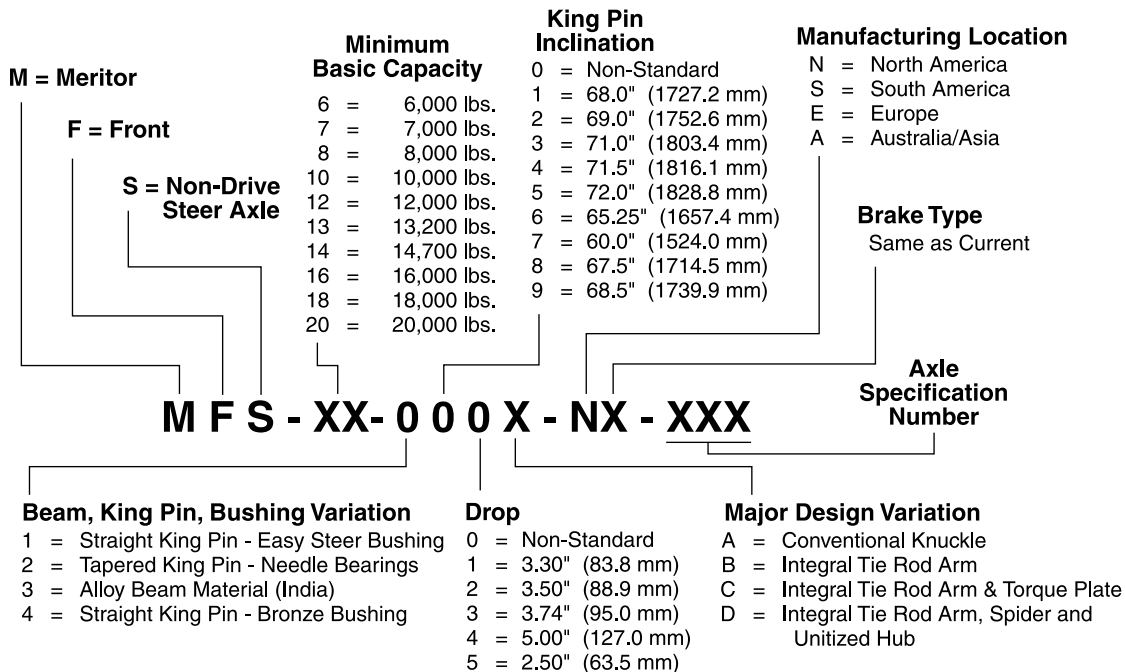
0 =	Pre-FMVSS-121 Design
1 =	Straight Sealed Knuckle Pin and New Tie Rod Assembly
2 =	Sealed Knuckle Pin Construction
3 =	Larger Axle Beam and Knuckles
4 =	Easy Steer™ Design
5 =	Tubular Axle Beam
6 =	Lightweight Axle Beam
7 =	King Pin Center-Point™ Design (manual return)
8 =	Easy Steer Plus

Number Design Variation

0 =	Tapered Knuckle Pin
1 =	Straight Knuckle Pin
2 =	Special Tie Rods
3 =	5 Inch Drop Center of Spindle to Pad
4 =	5 Inch Drop Center of Spindle to Pad and Special Tie Rods
5 =	Special Wheel Ends
6 =	Double Drop Beam - 12,000 lbs. GAW
7 =	Double Drop Beam - 13,200 lbs. GAW

Sometimes a letter will appear after the model number such as an **A**, this indicates that the beam is aluminum. After the base model ID there will be a **Spec Number**. This spec number identifies everything **Specifically** about that axle (i.e. type of brake, type of knuckles, etc.).

New Meritor Non-Driving Front Axle Models: Example MFS-12-143D-N Front Axle



Index 16612 - 17111

Rockwell/Meritor

Rockwell/Meritor

Model	Axle Capacity (Lbs.)	Page Number
Front Non-Drive Steer Axles		
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17100, 17101 and 17111	12,000; 14,600	112
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30000, 31000, 32500, 33000 Series	5,000	113
FC901, FC902 and FC903	7,000	113
FC921	7,000	113
FC931	7,000	113
FC941	7,000; 8,000	114
FD901, FD902 and FD903	9,000	114
FD931 and FD933	9,000	114
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Model	Axle Capacity (Lbs.)	Page Number
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FG931, FG933, FG941 and FG943	14,600	117
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FL901	18,000	117
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FL951	22,000	118
FU910	28,000	118
MFS06	6,000	119
MFS07	7,000	119
MFS08	8,000	119
MFS10	10,000	119
MFS12	12,000	120
MFS13	13,000	120
MFS14	14,000	120
MFS16, MFS18 and MFS20	16,000; 18,000; 20,000	121
Front Drive Steer Axles		
FDS - Series		121
FDS-75 and FDS-90	7,500; 9,000	
FDS-1800 and FDS-2100	18,000; 21,000	
RF - Series		121
RF-7, RF-9 and RF-12	7,500; 9,000; 12,000	
RF-16, RF-21 and RF-23	16,000; 21,000; 23,000	

Front Non-Drive Steer Axles

16612, 16613 and 16616

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	16612, 16613, 16616	300-125 (B)	1.607" X 9.75"	R200144	Tapered and threaded pin; Small diameter 1.309"
		300-150 (N)	1.607" X 9.75"	R200123	Tapered and threaded pin; Small diameter 1.309"

16930 and 16931

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	16930, 16931	◆ (B)	1.794" X 10.75"	R200121	Tapered and threaded pin; Small diameter 1.308"
		◆ (N)	1.794" X 10.75"	R200145	Tapered and threaded pin; Small diameter 1.308"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	16930, 16931	✓✓ 310-222 (LH)	5.44" C-E	R230068	1.12"-12 thread
		✓✓ 310-223 (RH)	5.44" C-E	R230069	1.12"-12 thread
		✓✓ 310-229 (LH)	5.75" C-E	R230071	
		✓✓ 310-228 (RH)	5.75" C-E	R230070	

17100, 17101 and 17111

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
14,600	17100, 17101, 17111	300-264 (B)	1.794" X 10.40"	R201310	Draw key lengths 2.81" & 3.87"
		300-244 (C)	1.794" X 10.40"	R201309	Draw key lengths 2.81" & 3.87"



17100, 17101 and 17111 (continued)

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
14,600	17100, 17101, 17111	✓✓ 310-229 (LH)	5.75" C-E	R230071	
		✓✓ 310-228 (RH)	5.75" C-E	R230070	

27460-A and 27465-A

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
—	27460A, 27465A	310-121 (LH)	4.88" C-E	R230060	
		310-122 (RH)	4.88" C-E	R230061	

30000, 31000, 32500, 33000 Series

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
5000	30000, 31000, 32500, 33000	300-103 (B)	1.109" X 6.75"	R200108	Thrust bearing type for 30000 and 31000 series only

FAC, FAE951

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
2,500	FAC, FAE951	300-253 (N)	1.109" X 6.81"	R200171	

FC901, 902, 903

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,000	FC901, 902, 903	300-140 (B)	1.234" X 7.44"	R200143	1.75" long bushings

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,000	FC901, 902, 903	310-142 (LH)	3.88" C-E	R230062	
		310-143 (RH)	3.88" C-E	R230063	
		◆ (LH)	4.43" C-E	R230087	
		◆ (RH)	4.43" C-E	R230086	

FC921

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,000	FC921	300-296 (B)	1.234" X 7.44"	R201314	1.50" long bushings

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,000	FC921	310-142 (LH)	3.88" C-E	R230062	
		310-143 (RH)	3.88" C-E	R230063	

FC931

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,000	FC931	310-121 (LH)	4.88" C-E	R230060	
		310-122 (RH)	4.88" C-E	R230061	



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand



FC941 - FE910

Rockwell/Meritor

Rockwell/Meritor

FC941

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,000, 8,000	FC941	300-324 (C)	1.500" X 8.94"	R201318	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,000, 8,000	FC941	✓ ◆ (LH)	8.12" C-E	R230131	
		✓ ◆ (RH)	8.12" C-E	R230132	

FD901, 902, 903

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
9,000	FD901, 902, 903	300-159 (B)	1.434" X 8.50"	R200142	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
9,000	FD901, 902, 903	310-121 (LH)	4.88" C-E	R230060	
		310-122 (RH)	4.88" C-E	R230061	

FD931, 933

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
9,000	FD931, 933	✓✓ 310-222 (LH)	5.44" C-E	R230068	1.12"-12 thread
		✓✓ 310-223 (RH)	5.44" C-E	R230069	1.12"-12 thread

FD961

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000	FD961	✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		300-266 (C)	1.794" X 10.40"	R201315	Draw key lengths 3.25" & 3.68"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000	FD961	✓✓ 310-222 (LH)	5.44" C-E	R230068	1.12"-12 thread
		✓✓ 310-223 (RH)	5.44" C-E	R230069	1.12"-12 thread

FE900, 903, 910

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
11,000	FE900, 903, 910	300-125 (B)	1.607" X 9.75"	R200144	Tapered and threaded pin; Small diameter 1.309"
		300-150 (N)	1.607" X 9.75"	R200123	Tapered and threaded pin; Small diameter 1.309"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
11,000	FE900, 903, 910	310-121 (LH)	4.88" C-E	R230060	
		310-122 (RH)	4.88" C-E	R230061	
		✓✓ 310-229 (LH)	5.75" C-E	R230071	
		✓✓ 310-228 (RH)	5.75" C-E	R230070	



Rockwell/Meritor

FE970 - FF930

Rockwell/Meritor

FE970

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
11,000	FE970	300-195 (B)	1.607" X 8.74"	R200157	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
11,000	FE970	310-121 (LH)	4.88" C-E	R230060	
		310-122 (RH)	4.88" C-E	R230061	
		310-313 (LH)	10.50" C-E	R230074	
		310-314 (RH)	10.50" C-E	R230075	

FF901, 903

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF901, 903	300-182 (B)	1.794" X 9.12"	R200172	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF901, 903	310-121 (LH)	4.88" C-E	R230060	
		310-122 (RH)	4.88" C-E	R230061	
		✓✓ 310-229 (LH)	5.75" C-E	R230071	
		✓✓ 310-228 (RH)	5.75" C-E	R230070	
		310-229SF (LH)	5.75" C-E	R230067	Side lube
		310-228SF (RH)	5.75" C-E	R230066	Side lube

FF921, 923

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF921, 923	300-204 (B)	1.794" X 10.40"	R200199	Also replaces R200193

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF921, 923	✓✓ 310-222 (LH)	5.44" C-E	R230068	1.12"-12 thread
		✓✓ 310-223 (RH)	5.44" C-E	R230069	1.12"-12 thread

FF930

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF930	◆ (B)	1.794" X 10.75"	R200121	Tapered and threaded pin; Small diameter 1.308"
		◆ (N)	1.794" X 10.75"	R200145	Tapered and threaded pin; Small diameter 1.308"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF930	✓✓ 310-222 (LH)	5.44" C-E	R230068	1.12"-12 thread
		✓✓ 310-223 (RH)	5.44" C-E	R230069	1.12"-12 thread
		✓✓ 310-229 (LH)	5.75" C-E	R230071	
		✓✓ 310-228 (RH)	5.75" C-E	R230070	

FF931 - FF986

Rockwell/Meritor

Rockwell/Meritor

FF931, 932, 933, 934, 941, 942, 943, 944

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	All	✓ 300-232 (B)	1.794" X 10.40"	R200195	Draw key lengths 2.81" & 3.87"
		300-242 (C)	1.794" X 10.40"	R201307	Draw key lengths 2.81" & 3.87"
		✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		300-266 (C)	1.794" X 10.40"	R201315	Draw key lengths 3.25" & 3.68"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	All	✓✓ 310-222 (LH)	5.44" C-E	R230068	1.12"-12 thread
		✓✓ 310-223 (RH)	5.44" C-E	R230069	1.12"-12 thread

FF931A, 941A - Aluminum Axle

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF931A, 941A	◆ (B)	1.794" X 11.25"	R201306	No draw keys
		◆ (C)	1.794" X 11.25"	R201308	No draw keys

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF931A, 941A	✓✓ 310-222 (LH)	5.44" C-E	R230068	1.12"-12 thread
		✓✓ 310-223 (RH)	5.44" C-E	R230069	1.12"-12 thread

FF961

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF961	✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		300-266 (C)	1.794" X 10.40"	R201315	Draw key lengths 3.25" & 3.68"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF961	✓✓ 310-222 (LH)	5.44" C-E	R230068	1.12"-12 thread
		✓✓ 310-223 (RH)	5.44" C-E	R230069	1.12"-12 thread

FF971

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF971	300-240 (B)	1.607" X 9.38"	R201300	Center point steering

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF971	310-313 (LH)	10.50" C-E	R230074	Center point steering
		310-314 (RH)	10.50" C-E	R230075	Center point steering

FF981, 982, 986

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF981, 982, 986	✓ 300-317 (B)	1.794" X 8.84"		Screw in caps
		✓✓ 300-299 (C)	1.794" X 8.84"	R201419	Screw in caps



Rockwell/Meritor

FF981 - FL901

Rockwell/Meritor

FF981, 982, 986 (continued)

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF981, 982, 986	✓✓ 310-222 (LH)	5.44" C-E	R230068	1.12"-12 thread
		✓✓ 310-223 (RH)	5.44" C-E	R230069	1.12"-12 thread

FG900, 903

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
14,600	FG900, 903	310-121 (LH)	4.88" C-E	R230060	
		310-122 (RH)	4.88" C-E	R230061	

FG931, 933, 941, 943

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
14,600	All	300-264 (B)	1.794" X 10.40"	R201310	Draw key lengths 2.81" & 3.87"
		300-244 (C)	1.794" X 10.40"	R201309	Draw key lengths 2.81" & 3.87"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
14,600	All	✓✓ 310-222 (LH)	5.44" C-E	R230068	1.12"-12 thread
		✓✓ 310-223 (RH)	5.44" C-E	R230069	1.12"-12 thread

FH901

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
16,000	FH901	300-210 (B)	1.999" X 11.04"	R200170	
		300-211 (N)	1.999" X 11.04"	R200168	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
16,000	FH901	✓✓ 310-229 (LH)	5.75" C-E	R230071	
		✓✓ 310-228 (RH)	5.75" C-E	R230070	

FH945, 946

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
16,000	FH945, 946	300-312 (C)	1.794" X 9.18"	R201424	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
16,000	FH945, 946	310-433 (LH)	7.37" C-E	R230133	
		310-434 (RH)	7.37" C-E	R230134	

FL901

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
18,000	FL901	300-210 (B)	1.999" X 11.04"	R200170	
		300-211 (N)	1.999" X 11.04"	R200168	

◆ Not Serviced by Dayton Parts
 ✓ Popular
 ✓✓ Most Popular

(B) Bi-Metal Bushing
 (C) Composite Bushing
 (N) Nylon Bushing

(P) Plastic Bushing
 (C-C) Stud Center to Stud Center
 (C-E) Stud Center to End

(LH) Left Hand
 (RH) Right Hand

FL901 - FU910

Rockwell/Meritor

Rockwell/Meritor

FL901 (continued)

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
18,000	FL901	✓✓ 310-229 (LH)	5.75" C-E	R230071	
		✓✓ 310-228 (RH)	5.75" C-E	R230070	

FL931, 933, 941, 943

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
16,000, 18,000, 20,000	All	✓✓ 300-216 (B)	1.999" X 11.21"	R200198	Draw key lengths 3.03" & 4.68"
		300-265 (C)	1.999" X 11.21"	R201312	Draw key lengths 3.03" & 4.68"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
16,000, 18,000, 20,000	FL931, 933, 941, 943	✓✓ 310-229 (LH)	5.75" C-E	R230071	1.41" Taper length
		✓✓ 310-228 (RH)	5.75" C-E	R230070	1.41" Taper length
		✓✓ 310-433 (LH)	7.37" C-E	R230072	
		✓✓ 310-434 (RH)	7.37" C-E	R230073	
		✓ 310-397 (LH)	7.37" C-E	R230103	Severe duty application
		✓ 310-398 (RH)	7.37" C-E	R230102	Severe duty application
		✓ 310-396 (LH)	12.69" C-E	R230105	
✓ 310-395 (RH)	12.69" C-E	R230104			

FL951

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
22,000	FL951	✓✓ 300-216 (B)	1.999" X 11.21"	R200198	Draw key lengths 3.03" & 4.68"
		300-265 (C)	1.999" X 11.21"	R301312	Draw key lengths 3.03" & 4.68"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
22,000	FL951	✓ 310-397 (LH)	7.37" C-E	R230103	Severe duty application
		✓ 310-398 (RH)	7.37" C-E	R230102	Severe duty application

FU910

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
28,000	FU910	◆ (B)	2.061" X 13.25"	R200194	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
28,000	FU910	310-121 (LH)	4.88" C-E	R230060	
		310-122 (RH)	4.88" C-E	R230061	



Rockwell/Meritor

MFS06 - MFS10

Rockwell/Meritor

MFS Series Axles

MFS06

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000	MFS06	◆ (C)	1.234" X 6.78"	R201478	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000	MFS06	310-591 (LH)	10.32" C-E	R230137	1.25"-12 thread
		310-592 (RH)	10.32" C-E	R230138	1.25"-12 thread

MFS07

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,000	MFS07	300-314 (C)	1.498" X 7.15"	R201479	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,000	MFS07	310-591 (LH)	10.32" C-E	R230137	1.25"-12 thread
		310-592 (RH)	10.32" C-E	R230138	1.25"-12 thread

MFS08

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
8,000	MFS08	300-316 (C)	1.499" X 7.51"	R201474	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
8,000	MFS08	✓✓ 310-222 (LH)	5.44" C-E	R230068	
		✓✓ 310-223 (RH)	5.44" C-E	R230069	
		◆ (LH)	5.44" C-E	R230135	1.12"-12 thread; HD version for high turning angle
		◆ (RH)	5.44" C-E	R230136	1.12"-12 thread; HD version for high turning angle
		310-591 (LH)	10.32" C-E	R230137	1.25"-12 thread
		310-592 (RH)	10.32" C-E	R230138	1.25"-12 thread

MFS10

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000	MFS10	✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		300-266 (C)	1.794" X 10.40"	R201315	Draw key lengths 3.25" & 3.68"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000	MFS10	✓✓ 310-222 (LH)	5.44" C-E	R230068	
		✓✓ 310-223 (RH)	5.44" C-E	R230069	
		◆ (LH)	5.44" C-E	R230135	1.12"-12 thread; HD version for high turning angle
		◆ (RH)	5.44" C-E	R230136	1.12"-12 thread; HD version for high turning angle
		✓ ◆ (LH)	8.12" C-E	R230131	
		✓ ◆ (RH)	8.12" C-E	R230132	

◆ Not Serviced by Dayton Parts
 ✓ Popular
 ✓✓ Most Popular

(B) Bi-Metal Bushing
 (C) Composite Bushing
 (N) Nylon Bushing

(P) Plastic Bushing
 (C-C) Stud Center to Stud Center
 (C-E) Stud Center to End

(LH) Left Hand
 (RH) Right Hand

dayton
parts

MFS12 - MFS14

Rockwell/Meritor

Rockwell/Meritor

MFS12

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	MFS12	✓ 300-317 (B)	1.794" X 8.84"		Screw in caps
		✓✓ 300-299 (C)	1.794" X 8.84"	R201419	Screw in caps
		✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		300-266 (C)	1.794" X 10.40"	R201315, R201470	Draw key lengths 3.25" & 3.68"
		300-333 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.87"
		300-334 (C)	1.794" X 10.40"	R201473	Draw key lengths 3.25" & 3.87"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	MFS12	✓✓ 310-222 (LH)	5.44" C-E	R230068	
		✓✓ 310-223 (RH)	5.44" C-E	R230069	
		◆ (LH)	5.44" C-E	R230135	1.12"-12 thread; HD version for high turning angle
		◆ (RH)	5.44" C-E	R230136	1.12"-12 thread; HD version for high turning angle
		✓ ◆ (LH)	8.12" C-E	R230131	
		✓ ◆ (RH)	8.12" C-E	R230132	

MFS13

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
13,000	MFS13	✓ 300-317 (B)	1.794" X 8.84"		Screw in caps
		✓✓ 300-299 (C)	1.794" X 8.84"	R201419	Screw in caps
		300-331 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.87"
		300-332 (C)	1.794" X 10.40"	R201471	Draw key lengths 3.25" & 3.87"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
13,000	MFS13	✓✓ 310-222 (LH)	5.44" C-E	R230068	
		✓✓ 310-223 (RH)	5.44" C-E	R230069	
		✓ ◆ (LH)	8.12" C-E	R230131	
		✓ ◆ (RH)	8.12" C-E	R230132	

MFS14

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
14,000	MFS14	300-331 (B)	1.794" X 10.40"		
		300-332 (C)	1.794" X 10.40"	R201471	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
14,000	MFS14	✓✓ 310-222 (LH)	5.44" C-E	R230068	
		✓✓ 310-223 (RH)	5.44" C-E	R230069	
		◆ (LH)	5.44" C-E	R230135	1.12"-12 thread; HD version for high turning angle
		◆ (RH)	5.44" C-E	R230136	1.12"-12 thread; HD version for high turning angle
		✓✓ 310-433 (LH)	7.37" C-E	R230072	
		✓✓ 310-434 (RH)	7.37" C-E	R230073	



Rockwell/Meritor

MFS16 - MFS20
FDS75 - RF23

Rockwell/Meritor

MFS16, 18, 20 King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
16,000, 18,000, 20,000	MFS16, 18, 20	300-310 (C)	1.999" X 11.21"	R201475	Draw key lengths 3.25" & 3.87"
		300-329 (B)	1.999" X 11.21"		Draw key lengths 3.25" & 4.68"
		300-330 (C)	1.999" X 11.21"	R201476	Draw key lengths 3.25" & 4.68"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
16,000, 18,000, 20,000	MFS16, 18, 20	✓✓ 310-222 (LH)	5.44" C-E	R230068	
		✓✓ 310-223 (RH)	5.44" C-E	R230069	
		✓✓ 310-433 (LH)	7.37" C-E	R230072	1.36" Taper length
		✓✓ 310-434 (RH)	7.37" C-E	R230073	1.36" Taper length
		◆ (LH)	7.38" C-E	R230130	1.10" Taper length
		◆ (RH)	7.38" C-E	R230129	1.10" Taper length
		✓ 310-396 (LH)	12.69" C-E	R230105	
		✓ 310-395 (RH)	12.69" C-E	R230104	

Front Drive Steer Axles FDS - Series Axles FDS-75, FDS-90 Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,500, 9,000	FDS75, 90	310-142 (LH)	3.88" C-E	R230062	

FDS1800, FDS2100 Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
18,000, 21,000	FDS1800, 2100	◆ (LH)	5.75" C-E	R230076	
		310-322 (RH)	5.75" C-E	R230077	
		◆		A3144-B-1068	
		◆		A3144-C-1069	

RF - Series Axles RF-7, RF-9, RF-12 Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
7,500	RF7	◆		A3144-D-1070	
9,000	RF9	◆			
12,000	RF12	310-142 (LH)	3.88" C-E	R230062	

RF16, RF21, RF23 Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
16,000, 21,000, 23,000	RF16, 21, 23	◆		A3144B1068	
		◆		A3144C1069	
		◆		A3144V1036	
		◆		A13144F1020	

- ◆ Not Serviced by Dayton Parts
- ✓ Popular
- ✓✓ Most Popular
- (B) Bi-Metal Bushing
- (C) Composite Bushing
- (N) Nylon Bushing
- (P) Plastic Bushing
- (C-C) Stud Center to Stud Center
- (C-E) Stud Center to End
- (LH) Left Hand
- (RH) Right Hand

Drag Links

Specialty Applications Advance and Oshkosh

Specialty Applications

Advance and Oshkosh

These Vehicles use Eaton or Rockwell Front Axles
For King Pins Sets and Tie Rod Ends; See Axle Manufacturer

Drag Links (Advance)

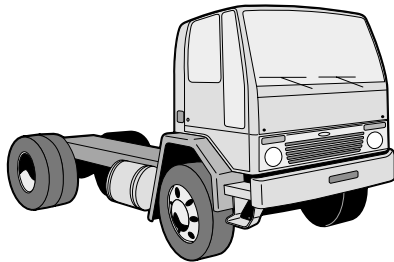
Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
—	—	346-438	16.94" C-C	12568	
		346-437	39.25" C-C	12567	
		✓✓ 310-229	5.75" C-C	363272	Drag link end LH thread
		✓✓ 310-228	5.75" C-E	363273	Drag link end RH thread
		✓✓ 310-434	7.37" C-E	R230073	Drag link end RH thread; Use with 346-437 and 346-438

Drag Links (Oshkosh)

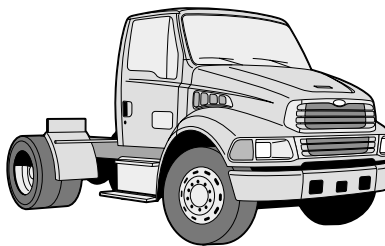
Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
—	—	◆		1900850	
		◆		1900860	
		◆		1641880	
		✓✓ 310-433	7.37" C-C	R230072	Drag link end LH thread; Use with 1641880
		✓✓ 310-434	7.37" C-E	R230073	Drag link end RH thread; Use with 1900850, 1900860 and 1641880
		◆	7.37" C-C	2HD740	Drag link end ball stud has no threads; Use with 1900850 and 1900860



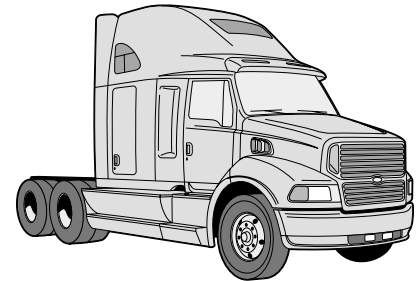
Model	Page Number
Acterra	123
Cargo	124
A, L and S Series	125



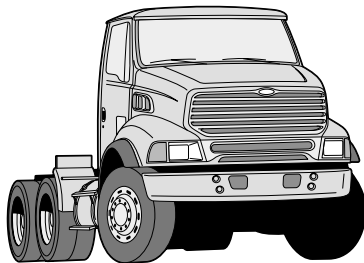
Cargo



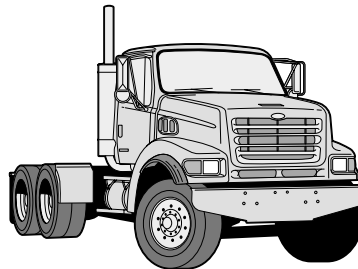
Acterra



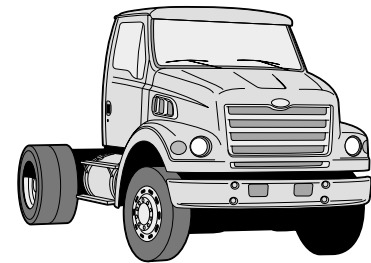
A, AT, S, ST



L, LT



L, LT



L, LT

Acterra King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
8,000	MFS08	300-316 (C)	1.499" X 7.51"	R201474	
10,000, 12,000	MFS10, 12	✓✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		✓ 300-266 (C)	1.794" X 10.40"	R201470	Draw key lengths 3.25" & 3.68"
12,000	MFS12	300-333 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.87"; T182 thrust brg
		300-334 (C)	1.794" X 10.40"	R201473	Draw key lengths 3.25" & 3.87"; T182 thrust brg
12,000, 13,000	MFS12, 13	300-317 (B)	1.794" X 8.84"		Screw in caps
		300-299 (C)	1.794" X 8.84"	R201419	Screw in caps
14,000	MFS14	300-331 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.87"; T182S thrust brg
		300-332 (C)	1.794" X 10.40"	R201471	Draw key lengths 3.25" & 3.87"; T182S thrust brg
16,000, 18,000, 20,000	MFS16, 18, 20	300-310 (C)	1.999" X 11.21"	R201475	Draw key lengths 3.25" & 3.87"
		300-329 (B)	1.999" X 11.21"		Draw key lengths 3.25" & 4.68"
		300-330 (C)	1.999" X 11.21"	R201476	Draw key lengths 3.25" & 4.68"



Not Serviced by Dayton Parts
Popular
Most Popular

(B)
(C)
(N)

Bi-Metal Bushing
Composite Bushing
Nylon Bushing

(P)
(C-C)
(C-E)

Plastic Bushing
Stud Center to Stud Center
Stud Center to End

(LH)
(RH)

Left Hand
Right Hand

Acterra (continued)

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
8,000	MFS08	310-591 (LH)	10.32" C-E	R230137	1.25"-12 thread
		310-592 (RH)	10.32" C-E	R230138	1.25"-12 thread
8,000, 10,000, 12,000, 13,000, 14,000, 16,000, 18,000, 20,000	MFS08, 10, 12, 13, 14, 16, 18, 20	310-222 (LH)	5.44" C-E	R230068	
		310-223 (RH)	5.44" C-E	R230069	
8,000, 10,000, 12,000, 14,000	MFS08, 10, 12, 14	◆ (LH)	5.44" C-E	R230135	1.12"-12 thread; HD version for high turning angle
		◆ (RH)	5.44" C-E	R230136	1.12"-12 thread; HD version for high turning angle
10,000, 12,000, 13,000	MFS10, 12, 13	◆ (LH)	8.12" C-E	R230131	
		◆ (RH)	8.12" C-E	R230132	
14,000, 16,000, 18,000, 20,000	MFS14, 16, 18, 20	310-433 (LH)	7.37" C-E	R230072	1.36" Taper length
		310-434 (RH)	7.37" C-E	R230073	1.36" Taper length
16,000, 18,000, 20,000	MFS16, 18, 20	◆ (LH)	7.37" C-E	R230130	1.10" Taper length
		◆ (RH)	7.37" C-E	R230129	1.10" Taper length
		310-396 (LH)	12.69" C-E	R230105	
		310-395 (RH)	12.69" C-E	R230104	

Cargo

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000	MFS06	◆ (C)	1.234" X 6.78"	R201478	
8,000	MFS08	300-316 (C)	1.499" X 7.51"	R201474	
10,000, 12,000	MFS10, 12	✓✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		✓ 300-266 (C)	1.794" X 10.40"	R201470	Draw key lengths 3.25" & 3.68"
12,000	MFS12	300-317 (B)	1.794" X 8.84"		Screw in caps
		✓✓ 300-299 (C)	1.794" X 8.84"	R201419	Screw in caps
		300-333 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.87"; T182S thrust brg
		300-334 (C)	1.794" X 10.40"	R201473	Draw key lengths 3.25" & 3.87"; T182S thrust brg

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
6,000, 8,000	MFS06, 08	310-591 (LH)	10.32" C-E	R230137	1.25"-12 thread
		310-592 (RH)	10.32" C-E	R230138	1.25"-12 thread
8,000, 10,000, 12,000	MFS08, 10, 12	310-222 (LH)	5.44" C-E	R230068	
		310-223 (RH)	5.44" C-E	R230069	
		◆ (LH)	5.44" C-E	R230135	1.12"-12 thread; HD version for high turning angle
		◆ (RH)	5.44" C-E	R230136	1.12"-12 thread; HD version for high turning angle
10,000, 12,000	MFS10, 12	◆ (LH)	8.12" C-E	R230131	
		◆ (RH)	8.12" C-E	R230132	

A, L & S Series King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	I120S/SG, 02ADD	✓✓ 300-276 (B)	1.921" X 9.87"		Knuckle 220SC100
		300-271 (C)	1.921" X 9.87"	120KK100	Knuckle 220SC100
	MFS12	✓✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		✓ 300-266 (C)	1.794" X 10.40"	R201470	Draw key lengths 3.25" & 3.68"
		300-333 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.87"; T182S thrust brg
12,000, 13,000	MFS12, 13	300-334 (C)	1.794" X 10.40"	R201473	Draw key lengths 3.25" & 3.87"; T182S thrust brg
		300-317 (B)	1.794" X 8.84"		Screw in caps
12,000, 13,000		✓✓ 300-299 (C)	1.794" X 8.84"	R201419	Screw in caps
12,000, 14,000, 14,600	I120SA, 140SA, 146SA	300-298 (C)	1.860" X 10.77"	120KK102	
12,000, 13,200, 14,000, 14,600	I120W, 02ADE, 132SG, 02ADG, 140S/SG/W	300-277 (B)	2.046" X 10.12"		
		300-272 (C)	2.046" X 10.12"	140KK100, 329022	
14,000	MFS14	300-331 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.87"; T1822S thrust brg
		300-332 (C)	1.794" X 10.40"	R201471	Draw key lengths 3.25" & 3.87"; T1822S thrust brg
16,000	I160W	300-322 (C)	2.046" X 10.94"	329023	
16,000, 18,000, 20,000	I160S/SG, 180S/SG, 200S/SG	300-278 (B)	2.046" X 10.94"	220KK100	Knuckle 22SC108
		◆ (C)	2.046" X 10.94"	151KK101	
	MFS16, 18, 20	300-310 (C)	1.999" X 11.21"	R201475	Draw key lengths 3.25" & 3.87"
		300-329 (B)	1.999" X 11.21"		Draw key lengths 3.25" & 4.68"
		300-330 (C)	1.999" X 11.21"	R201476	Draw key lengths 3.25" & 4.68"
18,000, 20,000, 22,000	I180W, 200W, 220W	◆ (C)	2.046" X 10.94"	329070	
20,000, 22,000	D2000F, 2200F	◆ (C)	2.040" X 10.06"	331434	Use with 5" drop assembly
		◆ (C)	2.040" X 10.06"	331435	Use with 3.5" drop assembly

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	I120S/SG, 120SA, 02ADD	◆ (LH)	14.80" C-E	140TR114	Dropped design tie rod end
		◆ (RH)	14.80" C-E	140TR115	Dropped design tie rod end
12,000, 13,000	MFS12, 13	◆ (LH)	8.12" C-E	R230131	
		◆ (RH)	8.12" C-E	R230132	
12,000, 13,000, 13,200, 14,000, 14,600, 16,000, 18,000, 20,000	I120S/SG, 02ADD, 132SG, 1405/SA/SG, 146SA, MFS12, 13, 14, 16, 18, 20	✓✓ 310-222 (LH)	5.44" C-E	120TR109, R230068	
		✓✓ 310-223 (RH)	5.44" C-E	120TR110, R230069	
12,000, 14,000	MFS12, 14	◆ (LH)	5.44" C-E	R230135	1.12"-12 thread; HD version for high turning angle
		◆ (RH)	5.44" C-E	R230136	1.12"-12 thread; HD version for high turning angle
12,000, 13,200, 14,000, 14,600, 16,000, 18,000, 20,000	I120S/SG, 02ADD, 132SG, 140S/SA/SG, 146SA, 160S/SG, 180S/SG, 200S/SG	✓✓ 310-229 (LH)	5.75" C-E	220TR117	
		✓✓ 310-228 (RH)	5.75" C-E	220TR116	



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand



A, L & S Series (continued) Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000, 13,200, 14,000, 14,600, 16,000, 18,000, 20,000, 22,000	D2000F, 2200F, I120S/SG, 02ADD, 132SG, 140S/SA/SG, 146SA, 160S/SG, 180S/SG, 200S/SG	✓ 310-396 (LH)	12.69" C-E	220TR118, R230105	Use with 5" drop assembly on 20k and 22k axles
		✓ 310-395 (RH)	12.69" C-E	220TR119, R230104	Use with 5" drop assembly on 20k and 22k axles
12,000, 14,000, 16,000, 18,000, 20,000	I120W, 140W, MFS14, 16, 18, 20	✓✓ 310-433 (LH)	7.37" C-E	818472, R230072	
		✓✓ 310-434 (RH)	7.37" C-E	818471, R230073	
13,200, 14,000, 14,600	I132SG, I140SA, 146SA	✓ 310-456 (LH)	6.00" C-E	817018	
		✓ 310-455 (RH)	6.00" C-E	817019	
		✓✓ 310-215 (LH)	9.18" C-E	140TR111	
		✓✓ 310-216 (RH)	9.18" C-E	140TR112	
16,000, 18,000, 20,000	MFS16, 18, 20	◆ (LH)	7.37" C-E	R230130	1.10" Taper length
		◆ (RH)	7.37" C-E	R230129	1.10" Taper length
16,000, 18,000, 20,000, 22,000	D2000F, 2200F, I160W, 180W, 200W, 220W	◆ (LH)		220TR130	Use with 3.5" drop assembly on 20k and 22k axles
		◆ (RH)		220TR131	Use with 3.5" drop assembly on 20k and 22k axles



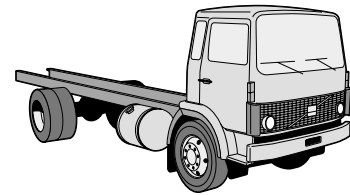
Saf-T-Liner C2 King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
8,000	FC921	300-296 (B)	1.234" X 7.44"	R201314	1.50" Long bushings
	FC941	300-324 (C)	1.500" X 8.94"	R201318	
10,000, 12,000	FD961, FF931, 932, 933, 934, 941, 942, 943, 961	✓✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		✓ 300-266 (C)	1.794" X 10.40"	R201315	
12,000	FF931, 932, 933, 934, 941, 942, 943	✓✓ 300-232 (B)	1.794" X 10.40"	R200195	Draw key lengths 2.81" & 3.87"
		300-242 (C)	1.794" X 10.40"	R201307	
	FF971	300-240 (B)	1.607" X 9.38"	R201300	Center point steering

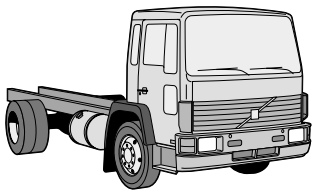
Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
8,000	FC921	310-142 (LH)	3.88" C-E	R230062	
		310-143 (RH)	3.88" C-E	R230063	
	FC941	◆ (LH)	8.12" C-E	R230131	
		◆ (RH)	8.12" C-E	R230132	
10,000, 12,000	FD961, FF931, 932, 933, 934, 941, 942, 943, 961	✓✓ 310-222 (LH)	5.44" C-E	R230068	1.12"-12 thread
		✓✓ 310-223 (RH)	5.44" C-E	R230069	1.12"-12 thread
12,000	FF971	310-313 (LH)	10.50" C-E	R230074	Center point steering
		310-314 (RH)	10.50" C-E	R230075	Center point steering

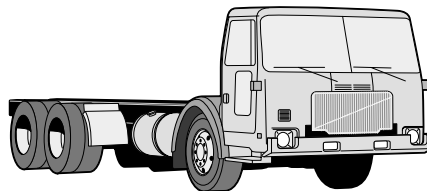
Model	Page Number
AC - Series	129
ACL - Series	129
Aero - Series	130
Autohauler Tractors - Series	130
FE42,42T, 64 - Series	131
WHR, WIL, WIA - Series	131
WG - Series	131
Xpeditor - Series	132



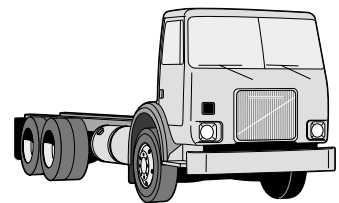
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FE



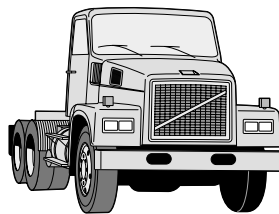
WX Xpeditor (LCF)



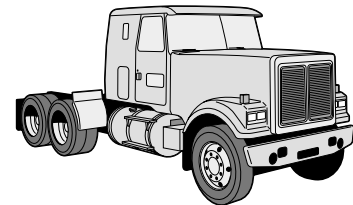
RX, WX Xpeditor



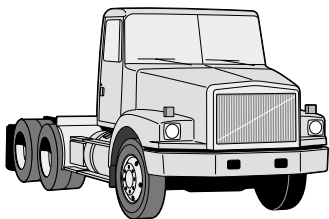
WH, WL



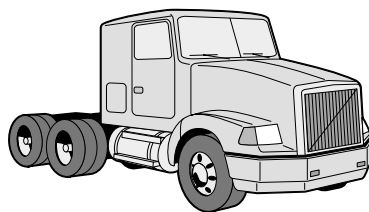
N



RB Road Boss



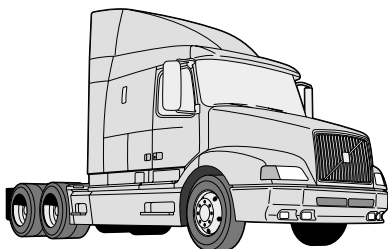
WG



AC, ACL, Aero



WI



VN



VN



VHD

AC Series King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF961	✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		300-266 (C)	1.794" X 10.40"	R201315	Draw key lengths 3.25" & 3.68"
14,000, 18,000	VF14, 18	300-291 (P)	1.969" X 9.88"	3090266	Tapered and threaded pin; Small diameter 1.496"
16,000, 18,000, 20,000	FL941	✓✓ 300-216 (B)	1.999" X 11.21"	R200198	Draw key lengths 3.03" & 4.68"
		300-265 (C)	1.999" X 11.21"	37090-5022	Draw key lengths 3.03" & 4.68"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF961	✓✓ 310-222 (LH)	5.44" C-E	37024-5011	
		✓✓ 310-223 (RH)	5.44" C-E	37024-5010	
14,000, 18,000	VF14, 18	310-443 (LH)	4.72" C-E	1698847	
		310-444 (RH)	4.72" C-E	1698846	
16,000, 18,000, 20,000	FL941	✓✓ 310-229 (LH)	5.75" C-E	887783A	
		✓✓ 310-228 (RH)	5.75" C-E	887784A	
		✓✓ 310-433 (LH)	7.37" C-E	37024-5001	
		✓✓ 310-434 (RH)	7.37" C-E	37024-5002	
		✓ 310-396 (LH)	12.69" C-E	37003-5029	
		✓ 310-395 (RH)	12.69" C-E	37033-5030	

ACL Series King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF961	✓ 300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		300-266 (C)	1.794" X 10.40"	R201315	Draw key lengths 3.25" & 3.68"
12,000, 12,500	VF12, 12.5	300-290 (P)	1.625" X 8.69"	3130711	Tapered and threaded pin; Small diameter 1.378"
14,000, 18,000	VF14, 18	300-291 (P)	1.969" X 9.88"	3090266	Tapered and threaded pin; Small diameter 1.496"
14,600	FG941	300-264 (B)	1.794" X 10.40"	R201310	Draw key lengths 2.81" & 3.87"
		300-244 (C)	1.794" X 10.40"	R201309	Draw key lengths 2.81" & 3.87"
16,000, 18,000, 20,000	FL941	✓✓ 300-216 (B)	1.999" X 11.21"	R200198	Draw key lengths 3.03" & 4.68"
		300-265 (C)	1.999" X 11.21"	37090-5022	Draw key lengths 3.03" & 4.68"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000, 12,500, 14,000, 18,000	VF12, 12.5, 14, 18	310-443 (LH)	4.72" C-E	1698847	
		310-444 (RH)	4.72" C-E	1698846	
12,000, 14,600	FF961, FG941	✓✓ 310-222 (LH)	5.44" C-E	37024-5011	
		✓✓ 310-223 (RH)	5.44" C-E	37024-5010	
16,000, 18,000, 20,000	FL941	✓✓ 310-229 (LH)	5.75" C-E	887783A	
		✓✓ 310-228 (RH)	5.75" C-E	887784A	
		✓✓ 310-433 (LH)	7.37" C-E	37024-5001	
		✓✓ 310-434 (RH)	7.37" C-E	37024-5002	
		✓ 310-396 (LH)	12.69" C-E	37003-5029	
✓ 310-395 (RH)	12.69" C-E	37033-5030			

Aero Series Autohauler Tractors

Volvo

Volvo

AERO Series King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	EFA12F4	✓ 300-274 (B)	1.625" X 9.20"		Roller thrust bearing 0.66" x 3.36"
		300-257 (C)	1.625" X 9.20"	806355	Roller thrust bearing 0.66" x 3.36"
	FF943	✓✓ 300-232 (B)	1.794" X 10.40"	R200195	Draw key lengths 2.81" & 3.87"; T182S thrust bearing
		300-242 (C)	1.794" X 10.40"	37090-5018	Draw key lengths 2.81" & 3.87"; T182S thrust bearing
	FF961	300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		300-266 (C)	1.794" X 10.40"	R201315	Draw key lengths 3.25" & 3.68"
VF12	300-290 (P)	1.625" X 8.69"	3130711	Tapered and threaded pin; Small diameter 1.378"	
14,600	FG943	300-264 (B)	1.794" X 10.40"	R201310	Draw key lengths 2.81" & 3.87"; T1822S thrust bearing
		300-244 (C)	1.794" X 10.40"	R201309	Draw key lengths 2.81" & 3.87"; T1822S thrust bearing
16,000	VF16	300-291 (P)	1.969" X 9.88"	3090266	Tapered and threaded pin; Small diameter 1.496"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	EFA12F4	✓✓ 310-222 (LH)	5.44" C-E	37024-5011	
		✓✓ 310-223 (RH)	5.44" C-E	37024-5010	
		✓ 310-285 (LH)	8.12" C-E	1117994	
		✓ 310-286 (RH)	8.12" C-E	1117995	
12,000, 14,600	FF943, 961, FG943	✓✓ 310-222 (LH)	5.44" C-E	37024-5011	
		✓✓ 310-223 (RH)	5.44" C-E	37024-5010	
12,000, 16,000	VF12, 16	310-443 (LH)	4.72" C-E	1698847	
		310-444 (RH)	4.72" C-E	1698846	

Autohauler Tractors King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	EFA12F4	✓ 300-274 (B)	1.625" X 9.20"		Roller thrust bearing 0.66" x 3.36"
		300-257 (C)	1.625" X 9.20"	806355	Roller thrust bearing 0.66" x 3.36"
	FF943	✓ 300-232 (B)	1.794" X 10.40"	R200195	Draw key lengths 2.81" & 3.87"; T182S thrust bearing
		300-242 (C)	1.794" X 10.40"	37090-5018	Draw key lengths 2.81" & 3.87"; T182S thrust bearing
	FF961	300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		300-266 (C)	1.794" X 10.40"	R201315	Draw key lengths 3.25" & 3.68"
12,000, 12,500	VF12, 12.5	300-290 (P)	1.625" X 8.69"	3130711	Tapered and threaded pin; Small diameter 1.378"
14,000	VF14	300-291 (P)	1.969" X 9.88"	3090266	Tapered and threaded pin; Small diameter 1.496"
14,600	FG943	300-264 (B)	1.794" X 10.40"	R201310	Draw key lengths 2.81" & 3.87"; T1822S thrust bearing
		300-244 (C)	1.794" X 10.40"	R201309	Draw key lengths 2.81" & 3.87"; T1822S thrust bearing

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	EFA12F4	✓✓ 310-222 (LH)	5.44" C-E	37024-5011	
		✓✓ 310-223 (RH)	5.44" C-E	37024-5010	
		✓ 310-285 (LH)	8.12" C-E	1117994	
		✓ 310-286 (RH)	8.12" C-E	1117995	
12,000, 12,500, 14,000	VF12, 12.5, 14	310-443 (LH)	4.72" C-E	1698847	
		310-444 (RH)	4.72" C-E	1698846	
12,000, 14,600	FF943, 961, FG943	✓✓ 310-222 (LH)	5.44" C-E	37024-5011	
		✓✓ 310-223 (RH)	5.44" C-E	37024-5010	



FE42, 42T, 64 Series King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000, 12,000, 12,500	VF10, 12, 12.5	300-290 (P)	1.625" X 8.69"	3130711	Tapered and threaded pin; Small diameter 1.378"
14,000, 16,000	VF14, 16	300-291 (P)	1.969" X 9.88"	3090266	Tapered and threaded pin; Small diameter 1.496"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
10,000, 12,000, 12,500, 14,000, 16,000	VF10, 12, 12.5, 14, 16	310-443 (LH)	4.72" C-E	1698847	
		310-444 (RH)	4.72" C-E	1698846	

WHR, WIL, WIA Series King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	EFA12F4	✓ 300-274 (B)	1.625" X 9.20"		Roller thrust bearing 0.66" x 3.36"
		300-257 (C)	1.625" X 9.20"	806355	Roller thrust bearing 0.66" x 3.36"
	FF943	✓ 300-232 (B)	1.794" X 10.40"	R200195	Draw key lengths 2.81" & 3.87"; T182S thrust bearing
		300-242 (C)	1.794" X 10.40"	37090-5018	Draw key lengths 2.81" & 3.87"; T182S thrust bearing
	FF961	300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		300-266 (C)	1.794" X 10.40"	R201315	Draw key lengths 3.25" & 3.68"
14,600	FG943	300-264 (B)	1.794" X 10.40"	R201310	Draw key lengths 2.81" & 3.87"; T1822S thrust bearing
		300-244 (C)	1.794" X 10.40"	R201309	Draw key lengths 2.81" & 3.87"; T1822S thrust bearing

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	EFA12F4	✓✓ 310-222 (LH)	5.44" C-E	37024-5011	
		✓✓ 310-223 (RH)	5.44" C-E	37024-5010	
		✓ 310-285 (LH)	8.12" C-E	1117994	
		✓ 310-286 (RH)	8.12" C-E	1117995	
12,000, 14,600	FF943, 961, FG943	✓✓ 310-222 (LH)	5.44" C-E	37024-5011	
		✓✓ 310-223 (RH)	5.44" C-E	37024-5010	

WG Series King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	EFA12F4	✓ 300-274 (B)	1.625" X 9.20"		Roller thrust bearing 0.66" x 3.36"
		300-257 (C)	1.625" X 9.20"	806355	Roller thrust bearing 0.66" x 3.36"
	FF943	✓ 300-232 (B)	1.794" X 10.40"	R200195	Draw key lengths 2.81" & 3.87"; T182S thrust bearing
		300-242 (C)	1.794" X 10.40"	37090-5018	Draw key lengths 2.81" & 3.87"; T182S thrust bearing
	FF961	300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		300-266 (C)	1.794" X 10.40"	R201315	Draw key lengths 3.25" & 3.68"
12,000, 12,500	VF12, 12.5	300-290 (P)	1.625" X 8.69"	3130711	Tapered and threaded pin; Small diameter 1.378"
12,000, 14,600	FG943	300-264 (B)	1.794" X 10.40"	R201310	Draw key lengths 2.81" & 3.87"; T1822S thrust bearing
		300-244 (C)	1.794" X 10.40"	R201309	Draw key lengths 2.81" & 3.87"; T1822S thrust bearing
14,000, 16,000, 18,000	VF14, 16, 18	300-291 (P)	1.969" X 9.88"	3090266	Tapered and threaded pin; Small diameter 1.496"
20,000	FL941	✓✓ 300-216 (B)	1.999" X 11.21"	R200198	Draw key lengths 3.03" & 4.68"
		300-265 (C)	1.999" X 11.21"	37090-5022	Draw key lengths 3.03" & 4.68"

WG Series XPEDITOR

Volvo

Volvo

WG Series (continued)

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	EFA12F4	✓✓ 310-222 (LH)	5.44" C-E	37024-5011	
		✓✓ 310-223 (RH)	5.44" C-E	37024-5010	
		✓ 310-285 (LH)	8.12" C-E	1117994	
		✓ 310-286 (RH)	8.12" C-E	1117995	
12,000, 12,500, 14,000, 16,000, 18,000	VF12, 12.5, 14, 16, 18	310-443 (LH)	4.72" C-E	1698847	
		310-444 (RH)	4.72" C-E	1698846	
12,000, 14,600	FF943, FF961, FG943	✓✓ 310-222 (LH)	5.44" C-E	37024-5011	
		✓✓ 310-223 (RH)	5.44" C-E	37024-5010	
20,000	FL941	✓✓ 310-229 (LH)	5.75" C-E	887783A	1.41" Taper length
		✓✓ 310-228 (RH)	5.75" C-E	887784A	1.41" Taper length
		✓✓ 310-433 (LH)	7.37" C-E	37024-5001	
		✓✓ 310-434 (RH)	7.37" C-E	37024-5002	
		✓ 310-396 (LH)	12.69" C-E	37003-5029	1.85" Taper length
		✓ 310-395 (RH)	12.69" C-E	37033-5030	1.85" Taper length

XPEDITOR

King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF943	✓ 300-232 (B)	1.794" X 10.40"	R200195	Draw key lengths 2.81" & 3.87"; T182S thrust bearing
		300-242 (C)	1.794" X 10.40"	37090-5018	Draw key lengths 2.81" & 3.87"; T182S thrust bearing
14,000	VF14	300-290 (P)	1.625" X 8.69"	3130711	Tapered and threaded pin; Small diameter 1.378"
14,600	FG943	300-264 (B)	1.794" X 10.40"	R201310	Draw key lengths 2.81" & 3.87"; T182S thrust bearing
		300-244 (C)	1.794" X 10.40"	R201309	Draw key lengths 2.81" & 3.87"; T182S thrust bearing
16,000, 18,000, 20,000	FL941, 943	✓✓ 300-216 (B)	1.999" X 11.21"	R200198	Draw key lengths 3.03" & 4.68"
		300-265 (C)	1.999" X 11.21"	37090-5022	Draw key lengths 3.03" & 4.68"
18,000	VF18	300-291 (P)	1.969" X 9.88"	3090266	Tapered and threaded pin; Small diameter 1.496"

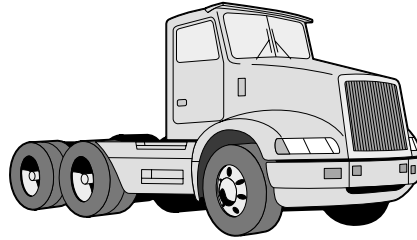
Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000, 14,600	FF943, FG943	✓✓ 310-222 (LH)	5.44" C-E	37024-5011	
		✓✓ 310-223 (RH)	5.44" C-E	37024-5010	
14,000, 18,000	VF14, 18	310-443 (LH)	4.72" C-E	1698847	
		310-444 (RH)	4.72" C-E	1698846	
16,000, 18,000, 20,000	FL941, 943	✓✓ 310-229 (LH)	5.75" C-E	887783A	1.41" Taper length
		✓✓ 310-228 (RH)	5.75" C-E	887784A	1.41" Taper length
		✓✓ 310-433 (LH)	7.37" C-E	37024-5001	
		✓✓ 310-434 (RH)	7.37" C-E	37024-5002	
		✓ 310-396 (LH)	12.69" C-E	37003-5029	1.85" Taper length
✓ 310-395 (RH)	12.69" C-E	37033-5030	1.85" Taper length		

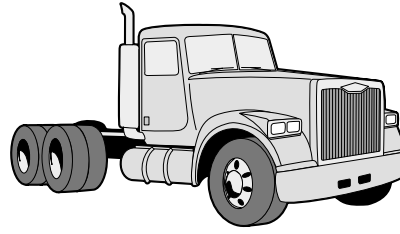
Drag Links

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
—	—	◆	41.29" C-C	38905-0016	Has one fixed end
		310-327	5.75" C-E	02-7092963	Drag link end; RH thread; Use w/346-286
		346-286	18.38" C-C	38905-0001	
		◆	16.12" C-C	38905-0023	
		◆	41.29" C-C	38905-0003	





3800



Conventional

Western Star King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	EFA12F4	✓ 300-274 (B)	1.625" X 9.20"		Roller thrust bearing 0.66" x 3.36"
		300-257 (C)	1.625" X 9.20"	806355	Roller thrust bearing 0.66" x 3.36"
	FF961	300-284 (B)	1.794" X 10.40"		Draw key lengths 3.25" & 3.68"
		300-266 (C)	1.794" X 10.40"	37090-4416	Draw key lengths 3.25" & 3.68"
14,600	FG941	300-264 (B)	1.794" X 10.40"	R201310	Draw key lengths 2.81" & 3.87"
		300-244 (C)	1.794" X 10.40"	37090-4417	Draw key lengths 2.81" & 3.87"
16,000, 18,000, 20,000	FL941	✓✓ 300-216 (B)	1.999" X 11.21"	R200198	Draw key lengths 3.03" & 4.68"
		300-265 (C)	1.999" X 11.21"	37090-4408	Draw key lengths 3.03" & 4.68"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	EFA12F4	✓✓ 310-222 (LH)	5.44" C-E	37024-4410	
		✓✓ 310-223 (RH)	5.44" C-E	37024-4411	
		✓ 310-285 (LH)	8.12" C-E	1009009	
		✓ 310-286 (RH)	8.12" C-E	1009010	
12,000, 14,600	FF961, FG941	✓✓ 310-222 (LH)	5.44" C-E	37024-4410	
		✓✓ 310-223 (RH)	5.44" C-E	37024-4411	
16,000, 18,000, 20,000	FL941	✓✓ 310-229 (LH)	5.75" C-E	R230071	
		✓✓ 310-228 (RH)	5.75" C-E	R230070	
		✓✓ 310-433 (LH)	7.37" C-E	37190-3406	
		✓✓ 310-434 (RH)	7.37" C-E	37024-4403	
		✓ 310-396 (LH)	12.69" C-E	R230105	
		✓ 310-395 (RH)	12.69" C-E	R230104	



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand

Front Steering Axles

Westport

Westport

**Volvo White Uses Volvo, White (Westport), Eaton or Rockwell Front Axles
King Pins and Tie Rod Ends for Westport are Listed Below
For Eaton and Rockwell Front Axles; See Axle Manufacturer**

White (Westport) Axles King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
9,000, 13,200	F5W900, F3W1200, F6W1200	300-234 (B)	1.811" X 10.53"	217175	
		300-235 (B)	1.811" X 10.53"	37090-4405	
		300-142 (B)	1.811" X 10.78"	216446	
14,600	F3W1400, F6W1400	300-234 (B)	1.811" X 10.53"	217175	
16,000	F3W1600, F6W1600	300-235 (B)	1.811" X 10.53"	37090-4405	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
9,000	F5W900	✓✓ 310-222 (LH)	5.44" C-E	37024-0004	
		✓✓ 310-223 (RH)	5.44" C-E	37024-0005	
13,200, 14,600, 16,000	F3W1200, 1400, 1600, F6W1200, 1400, 1600	✓✓ 310-229 (LH)	5.75" C-E	143640-005	
		✓✓ 310-228 (RH)	5.75" C-E	143640-004	



White

FDS1807(FWD) and FDS1805(FWD) RB2, RC2 and RX2 Models RBW and RCW Models

White

FDS1807(FWD) and FDS1805 (FWD) Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
18,000	—	310-322 (RH)	5.75" C-E	R230077	Front drive axle

RB2, RC2, and RX2 Models King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF933	✓✓ 300-232 (B)	1.794" X 10.40"	R200195	Draw key lengths 2.81" & 3.87"
		300-242 (C)	1.794" X 10.40"	R201307	Draw key lengths 2.81" & 3.87"
20,000	FL931	✓✓ 300-216 (B)	1.999" X 11.21"	R200198	Draw key lengths 3.03" & 4.68"
		300-265 (C)	1.999" X 11.21"	R201312	Draw key lengths 3.03" & 4.68"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF933	✓✓ 310-222 (LH)	5.44" C-E	37024-0004	
		✓✓ 310-223 (RH)	5.44" C-E	37024-0005	
20,000	FL931	✓✓ 310-229 (LH)	5.75" C-E	R230071	1.41" Taper length
		✓✓ 310-228 (RH)	5.75" C-E	R230070	1.41" Taper length
		✓✓ 310-433 (LH)	7.37" C-E	37024-5001	
		✓✓ 310-434 (RH)	7.37" C-E	37024-5002	
		✓ 310-396 (LH)	12.69" C-E	R230105	1.85" Taper length
	✓ 310-395 (RH)	12.69" C-E	R230104	1.85" Taper length	

Drag Links

NOTE: Refer to OEM or Compare with Old Part

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
All	All	346-286	18.38" C-C	38905-0001	
		◆	41.29" C-C	38905-0003	
		◆	41.29" C-C	38905-0016	Has one fixed end
		310-326 (LH)	5.75" C-E	02-7092962	Drag link end; LH thread; Use w/346-286
		310-327 (RH)	5.75" C-E	02-7092963	Drag link end; RH thread; Use w/346-286

RBW and RCW Models King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF933	✓ 300-232 (B)	1.794" X 10.40"	R200195	Draw key lengths 2.81" & 3.87"
		300-242 (C)	1.794" X 10.40"	R201307	Draw key lengths 2.81" & 3.87"

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FF933	✓✓ 310-222 (LH)	5.44" C-E	37024-0004	
		✓✓ 310-223 (RH)	5.44" C-E	37024-0005	

Drag Links

NOTE: Refer to OEM or Compare with Old Part

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
All	All	◆	16.12" C-C	38905-0023	
		346-286	18.38" C-C	38905-0001	
		310-326 (LH)	5.75" C-E	02-7092962	Drag link end; LH thread; Use w/346-286
		310-327 (RH)	5.75" C-E	02-7092963	Drag link end; RH thread; Use w/346-286
		◆	41.29" C-C	38905-0016	Has one fixed end

WFC Models White Axles

White

White

WFC Models King Pin Sets

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FE900	300-125 (B)	1.607" X 9.75"	R200144	Tapered and threaded pin; Small diameter 1.309"
		300-150 (N)	1.607" X 9.75"	R200123	Tapered and threaded pin; Small diameter 1.309"
	FE970	300-195 (B)	1.607" X 8.74"	R200157	
	FF901	300-182 (B)	1.794" X 9.12"	R200172	
	FF921	300-204 (B)	1.794" X 10.40"	R200199	
	FF931	✓ 300-232 (B) 300-242 (C)	1.794" X 10.40" 1.794" X 10.40"	R200195 R201307	Draw key lengths 2.81" & 3.87" Draw key lengths 2.81" & 3.87"
16,000	FL931	✓✓ 300-216 (B)	1.999" X 11.21"	R200198	Draw key lengths 3.03" & 4.68"
		300-265 (C)	1.999" X 11.21"	R201312	Draw key lengths 3.03" & 4.68"
16,000, 18,000	FH901, FL901	300-210 (B)	1.999" X 11.04"	R200170	
		300-211 (N)	1.999" X 11.04"	R200168	

Tie Rod Ends

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000	FE900, 970, FF901	310-121 (LH)	4.88" C-E	R230060	
		310-122 (RH)	4.88" C-E	R230061	
		✓✓ 310-229 (LH)	5.75" C-E	R230071	
		✓✓ 310-228 (RH)	5.75" C-E	R230070	
		310-313 (LH)	10.50" C-E	R230074	Will retrofit older axles
		310-314 (RH)	10.50" C-E	R230075	Will retrofit older axles
16,000	FL931	✓✓ 310-222 (LH)	5.44" C-E	37024-0004	
		✓✓ 310-223 (RH)	5.44" C-E	37024-0005	
		✓✓ 310-433 (LH)	7.37" C-E	37024-5001	
16,000, 18,000	FH901, FL901, 931	✓✓ 310-434 (RH)	7.37" C-E	37024-5002	
		✓ 310-396 (LH)	12.69" C-E	R230105	
		✓ 310-395 (RH)	12.69" C-E	R230104	
		✓✓ 310-229 (LH)	5.75" C-E	R230071	
		✓✓ 310-228 (RH)	5.75" C-E	R230070	

Drag Links

Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000, 16,000, 18,000	All	◆	23.44" C-C	L28VT5359A12	
		✓✓ 310-229 (LH)	5.75" C-E	R230071	Drag link end; LH thread
		310-326 (LH)	5.75" C-E	02-7092962	Drag link end; LH thread

White Axles King Pin Sets

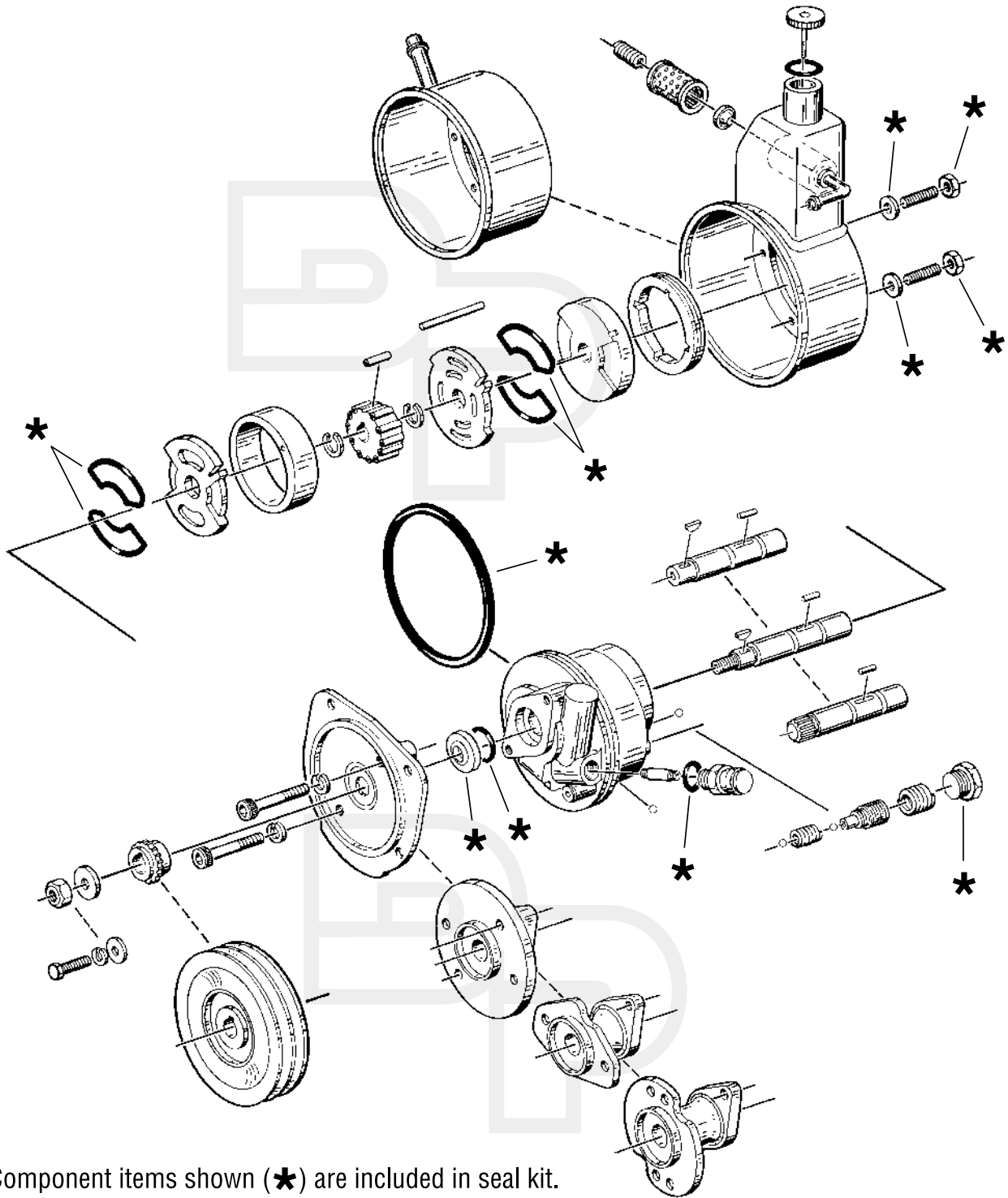
Axle Ratings	Axle Nos.	Part No.	Specifications	OEM Reference	Remarks
12,000, 14,000	F120, F3120, F3W120, F5120, F5W120, F6W120, F5140, F5W140	300-142 (B)	1.811" X 10.78"	216446	
14,000	F6W140	300-234 (B)	1.811" X 10.53"	217175	



Seal Kits

Steering Pump Eaton B-Series

Seal Kits



Component items shown (*) are included in seal kit.

Eaton B - Series

Part No.	Description	No. Req.	OEM Number	Remarks
371-151A	Master seal kit	1	—	"O" rings are not preformed on old style port plates

- ◆ Not Serviced by Dayton Parts
- ✓ Popular
- ✓✓ Most Popular

- (B) Bi-Metal Bushing
- (C) Composite Bushing
- (N) Nylon Bushing

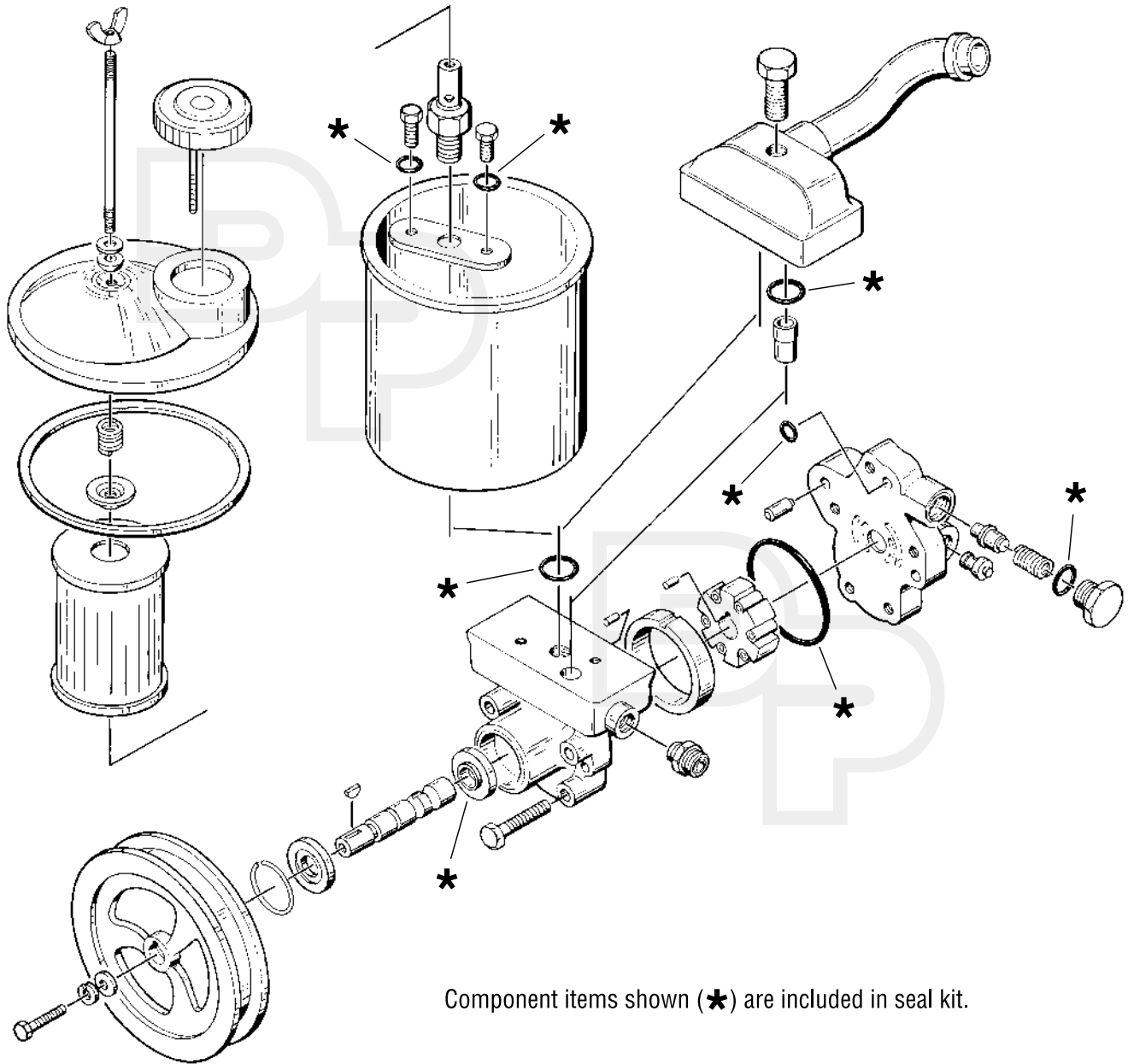
- (P) Plastic Bushing
- (C-C) Stud Center to Stud Center
- (C-E) Stud Center to End

- (LH) Left Hand
- (RH) Right Hand

Steering Pump Eaton U-Series

Seal Kits

Seal Kits



Component items shown (*) are included in seal kit.

Eaton U - Series

Part No.	Description	No. Req.	OEM Number	Remarks
371-152A	Master seal kit	1	—	



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

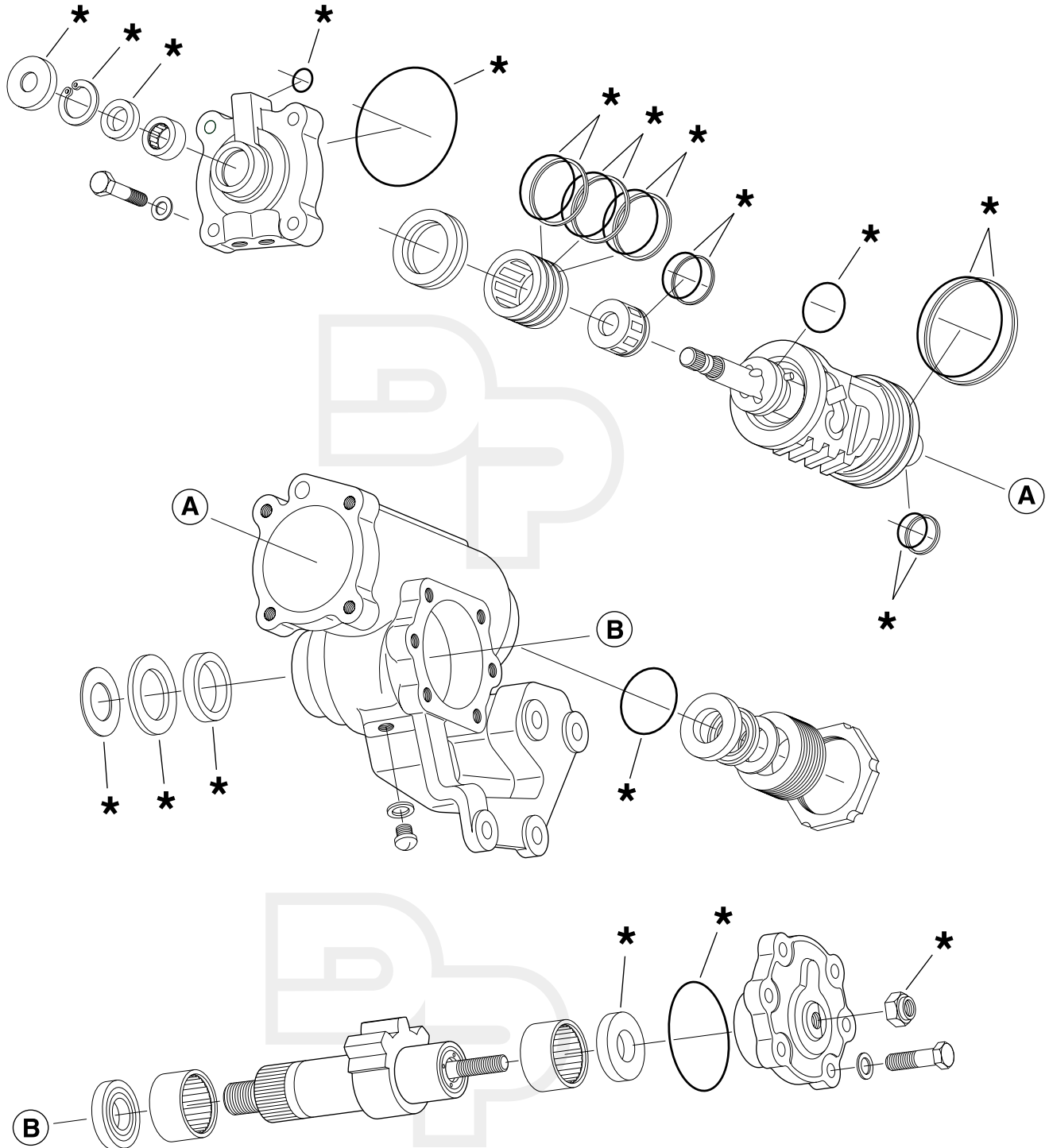
(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand

Seal Kits

Steering Gear Isuzu NPR

Seal Kits



Component items shown (*) are included in seal kit.

Isuzu NPR

Part No.	Description	No. Req.	OEM Number	Remarks
371-181A	Master seal kit	1	8941341010	

- ◆ Not Serviced by Dayton Parts
- ✓ Popular
- ✓✓ Most Popular

- (B) Bi-Metal Bushing
- (C) Composite Bushing
- (N) Nylon Bushing

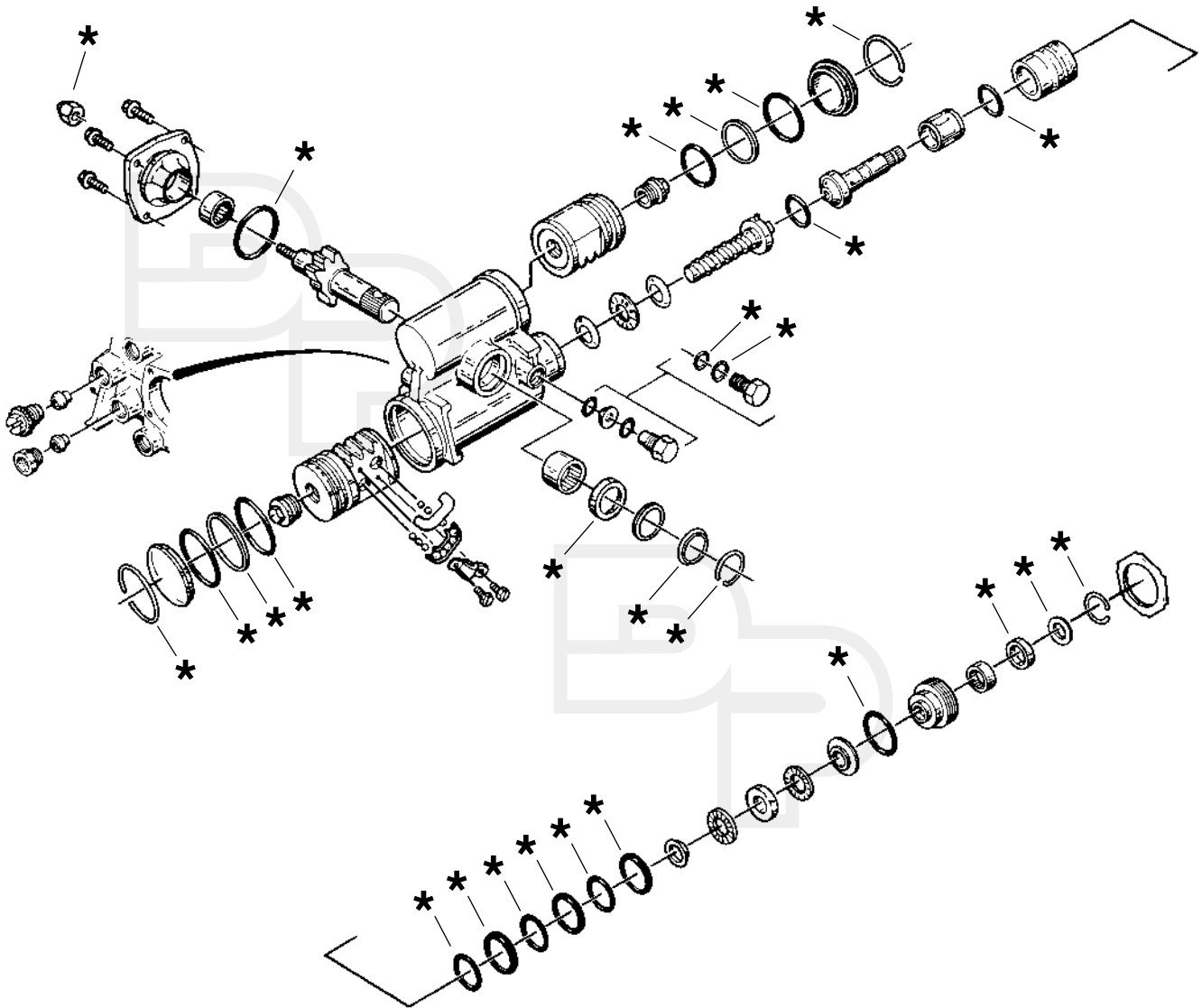
- (P) Plastic Bushing
- (C-C) Stud Center to Stud Center
- (C-E) Stud Center to End

- (LH) Left Hand
- (RH) Right Hand

Steering Gear Saginaw 710

Seal Kits

Seal Kits



Component items shown (*) are included in seal kit.

Saginaw 710

Part No.	Description	No. Req.	OEM Number	Remarks
371-133A	Master seal kit	1	7832958	



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

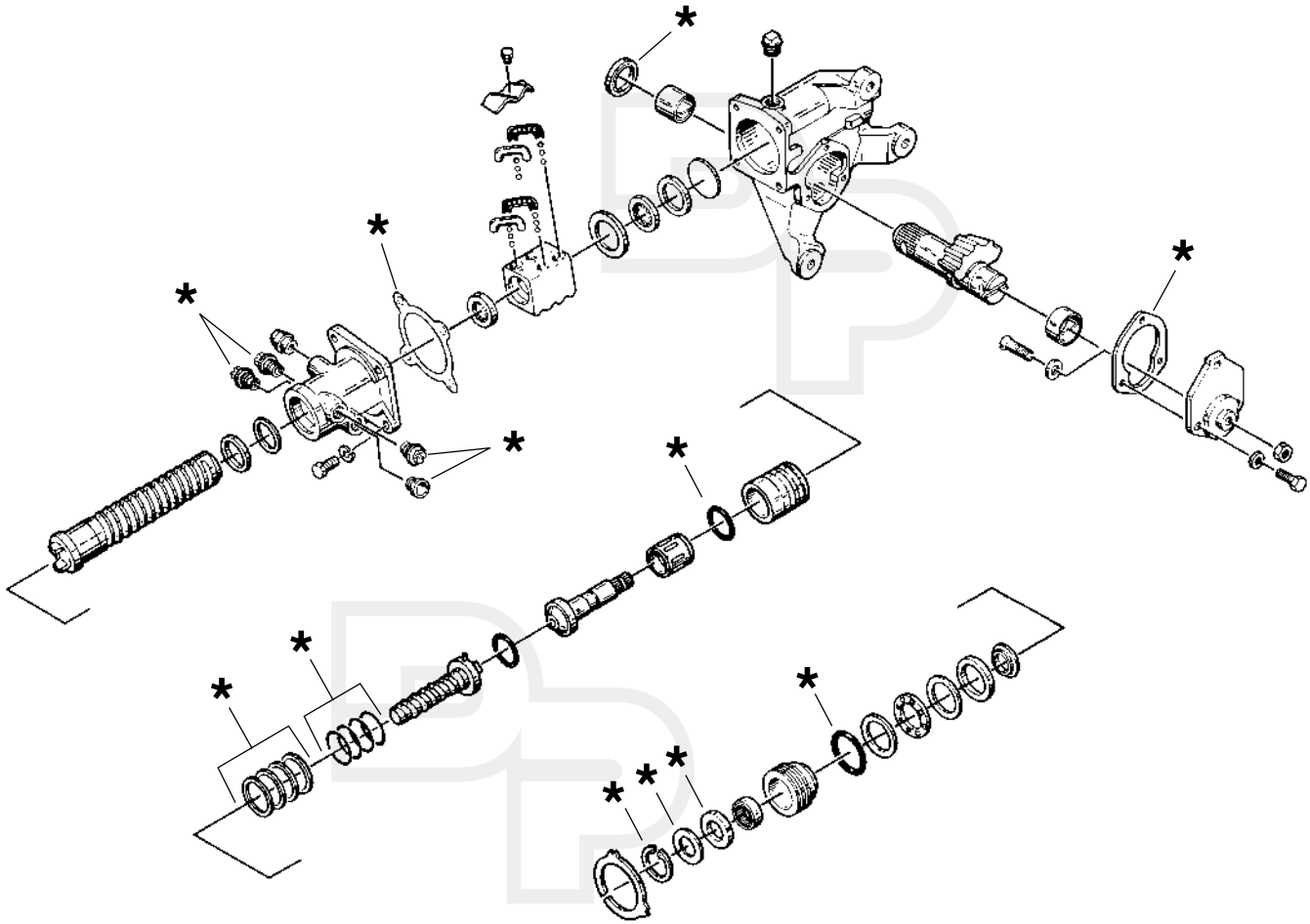
(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand

Steering Gear Saginaw Rotary Valve

Seal Kits

Seal Kits



Component items shown (*) are included in seal kit.

Saginaw Rotary Valve

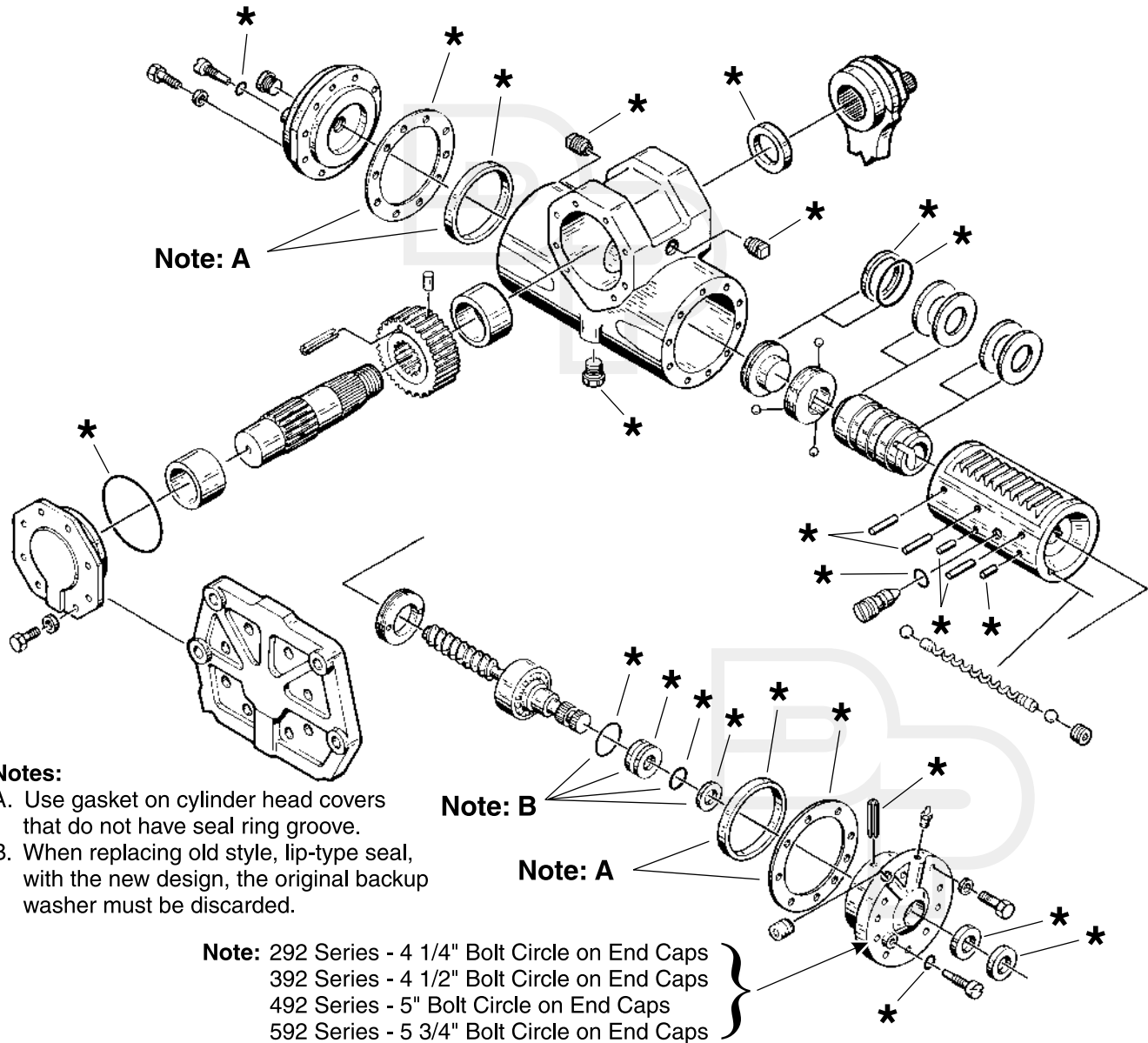
Part No.	Description	No. Req.	OEM Number	Remarks
371-131A	Master seal kit	1	7842829	For Brigadier and General models
371-132A	Master seal kit	1	7842832	For Astro and Titan models



Seal Kits

Steering Gear Sheppard 3 and 4 Series

Seal Kits



Notes:

- A. Use gasket on cylinder head covers that do not have seal ring groove.
- B. When replacing old style, lip-type seal, with the new design, the original backup washer must be discarded.

Component items shown (*) are included in seal kit.

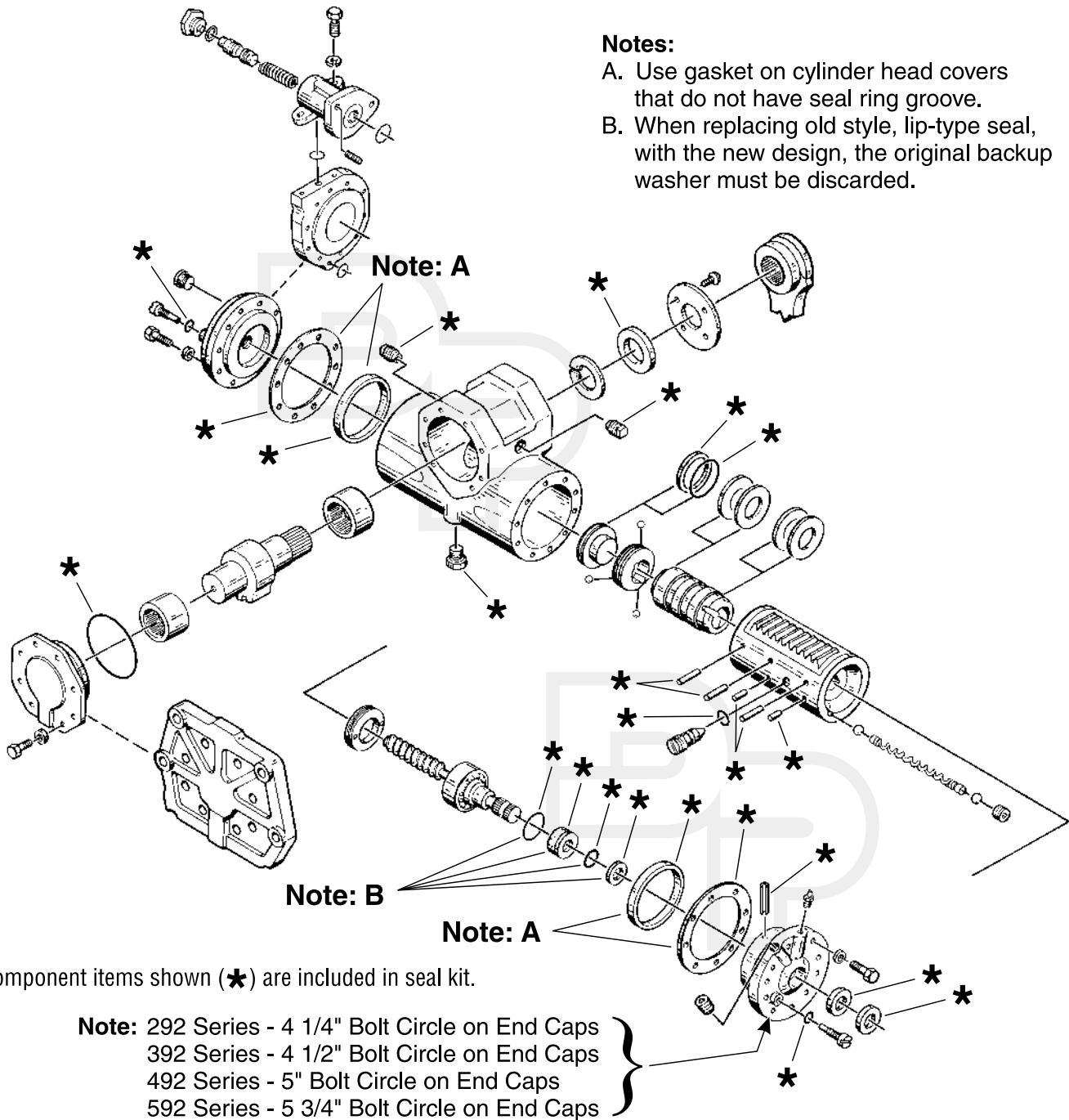
Sheppard 3 and 4 Series

Part No.	Description	No. Req.	OEM Number	Remarks
371-121A	Master seal kit	1	—	292 models series 3
371-122A	Master seal kit	1	—	392 models series 4
371-125A	Master seal kit	1	—	492 models series 4

Steering Gear Sheppard 5 Series

Seal Kits

Seal Kits



Sheppard 5 Series

Part No.	Description	No. Req.	OEM Number	Remarks
371-126A	Master seal kit	1	—	592 models series 5

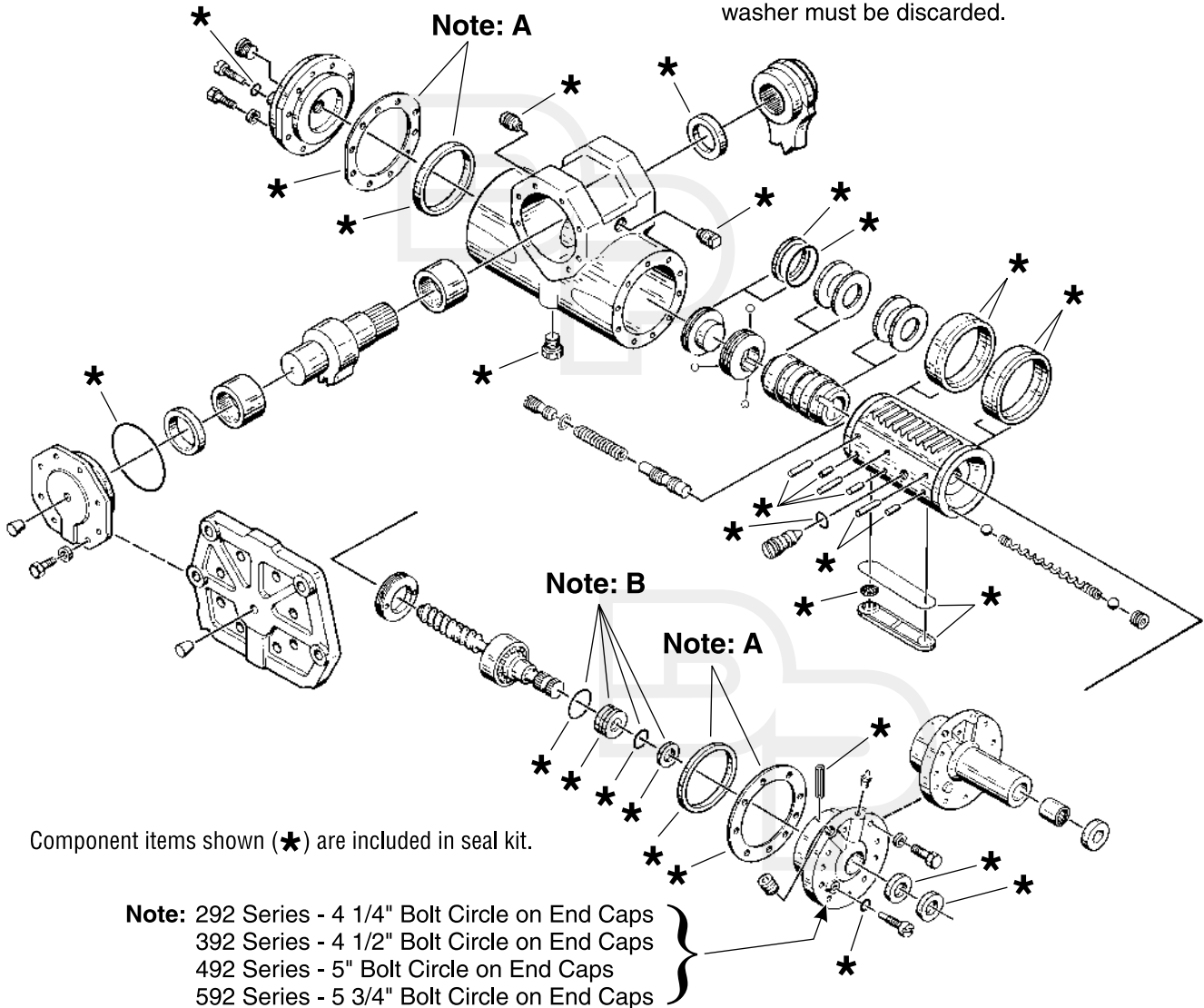
Seal Kits

Steering Gear Sheppard 6 Series

Seal Kits

Notes:

- A. Use gasket on cylinder head covers that do not have seal ring groove.
- B. When replacing old style, lip-type seal, with the new design, the original backup washer must be discarded.



Component items shown (*) are included in seal kit.

Note: 292 Series - 4 1/4" Bolt Circle on End Caps
 392 Series - 4 1/2" Bolt Circle on End Caps
 492 Series - 5" Bolt Circle on End Caps
 592 Series - 5 3/4" Bolt Circle on End Caps

Sheppard 6 Series

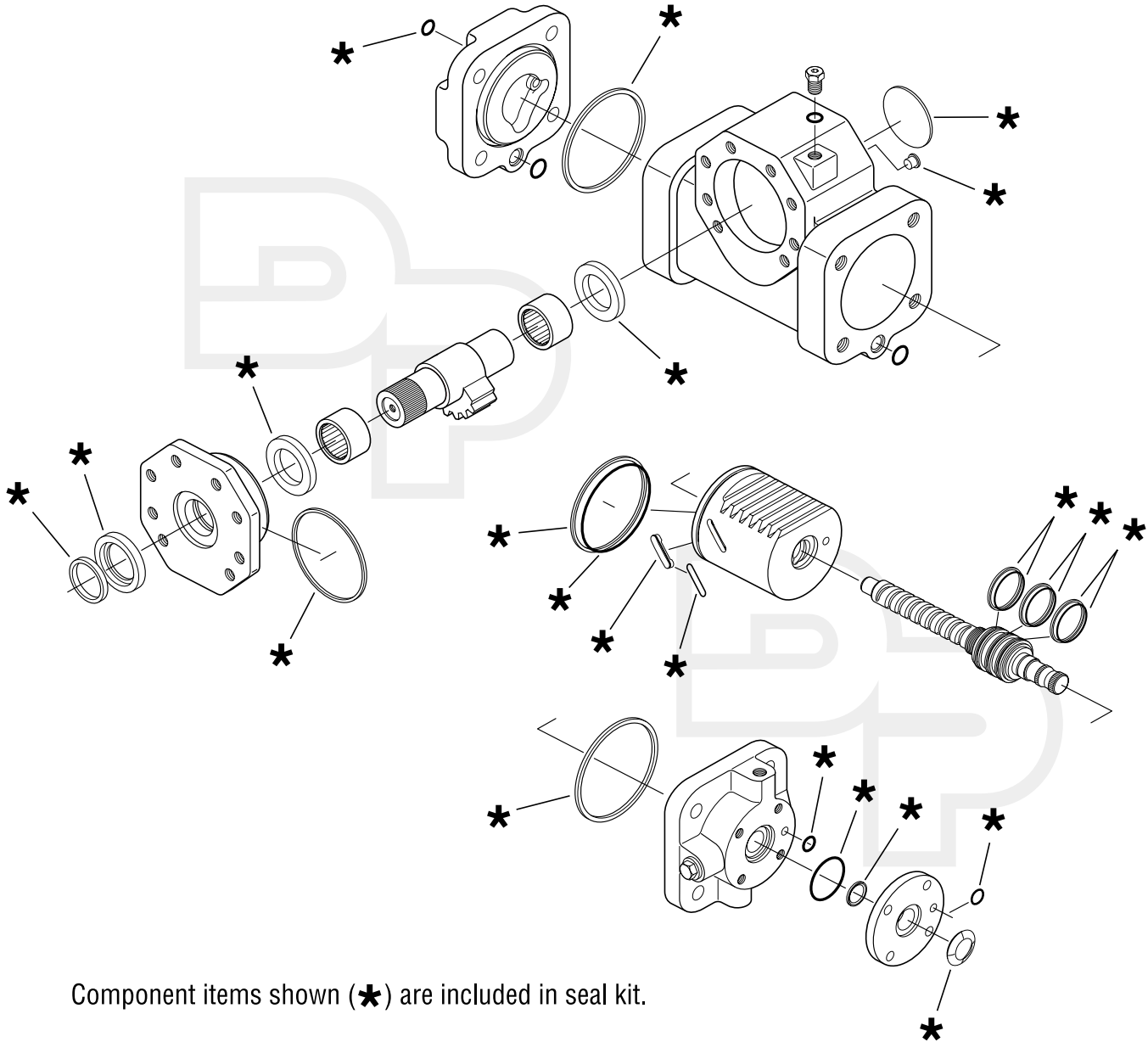
Part No.	Description	No. Req.	OEM Number	Remarks
371-124A	Master seal kit	1	—	392 models series 6

- ◆ Not Serviced by Dayton Parts
- ✓ Popular
- ✓✓ Most Popular
- (B) Bi-Metal Bushing
- (C) Composite Bushing
- (N) Nylon Bushing
- (P) Plastic Bushing
- (C-C) Stud Center to Stud Center
- (C-E) Stud Center to End
- (LH) Left Hand
- (RH) Right Hand

Steering Gear Sheppard M100 Series

Seal Kits

Seal Kits



Component items shown (*) are included in seal kit.

Sheppard M100 Series

Part No.	Description	No. Req.	OEM Number	Remarks
371-120A	Master seal kit	1	—	



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

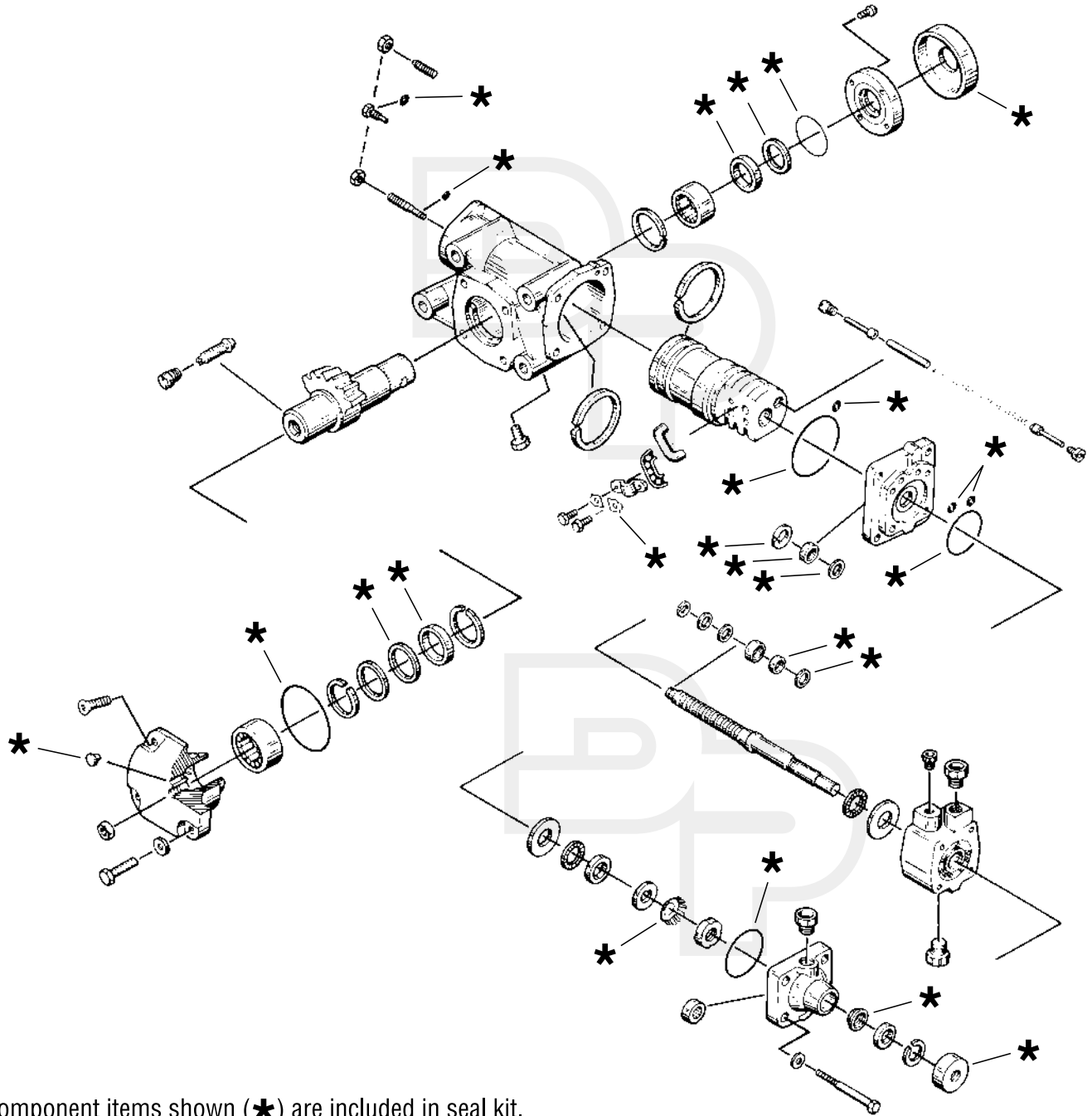
(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand

Seal Kits

Steering Gear TRW/Ross HF54

Seal Kits



Component items shown (*) are included in seal kit.

TRW/Ross HF54

Part No.	Description	No. Req.	OEM Number	Remarks
371-101A	Master seal kit	1	HF540000	

- ◆ Not Serviced by Dayton Parts
- ✓ Popular
- ✓✓ Most Popular

- (B) Bi-Metal Bushing
- (C) Composite Bushing
- (N) Nylon Bushing

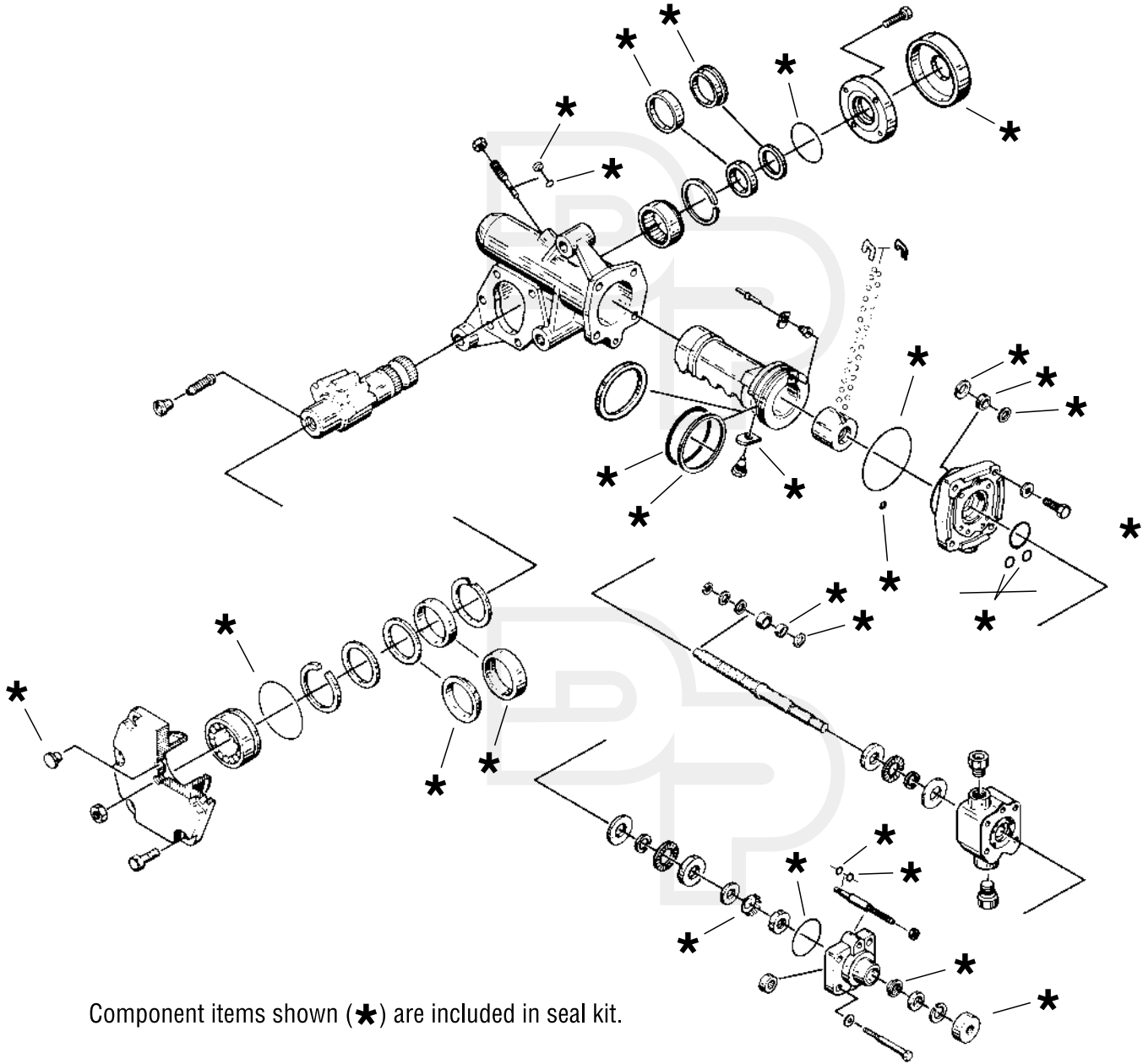
- (P) Plastic Bushing
- (C-C) Stud Center to Stud Center
- (C-E) Stud Center to End

- (LH) Left Hand
- (RH) Right Hand

Steering Gear TRW/Ross HF64

Seal Kits

Seal Kits



Component items shown (*) are included in seal kit.

TRW/Ross HF64

Part No.	Description	No. Req.	OEM Number	Remarks
371-102A	Master seal kit	1	HF640000	



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

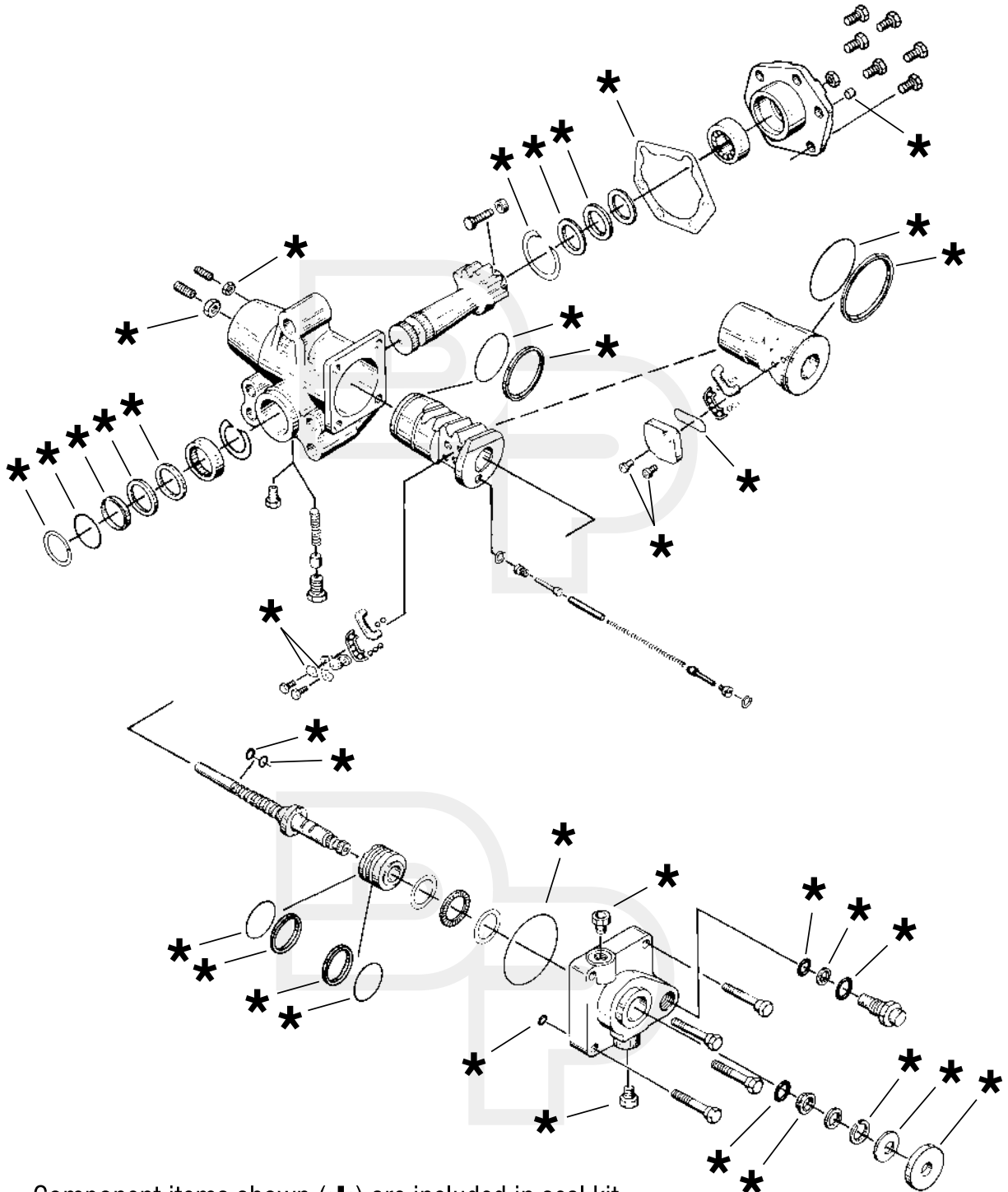
(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand

Seal Kits

Steering Gear TRW/Ross HFB52

Seal Kits



Component items shown (*) are included in seal kit.

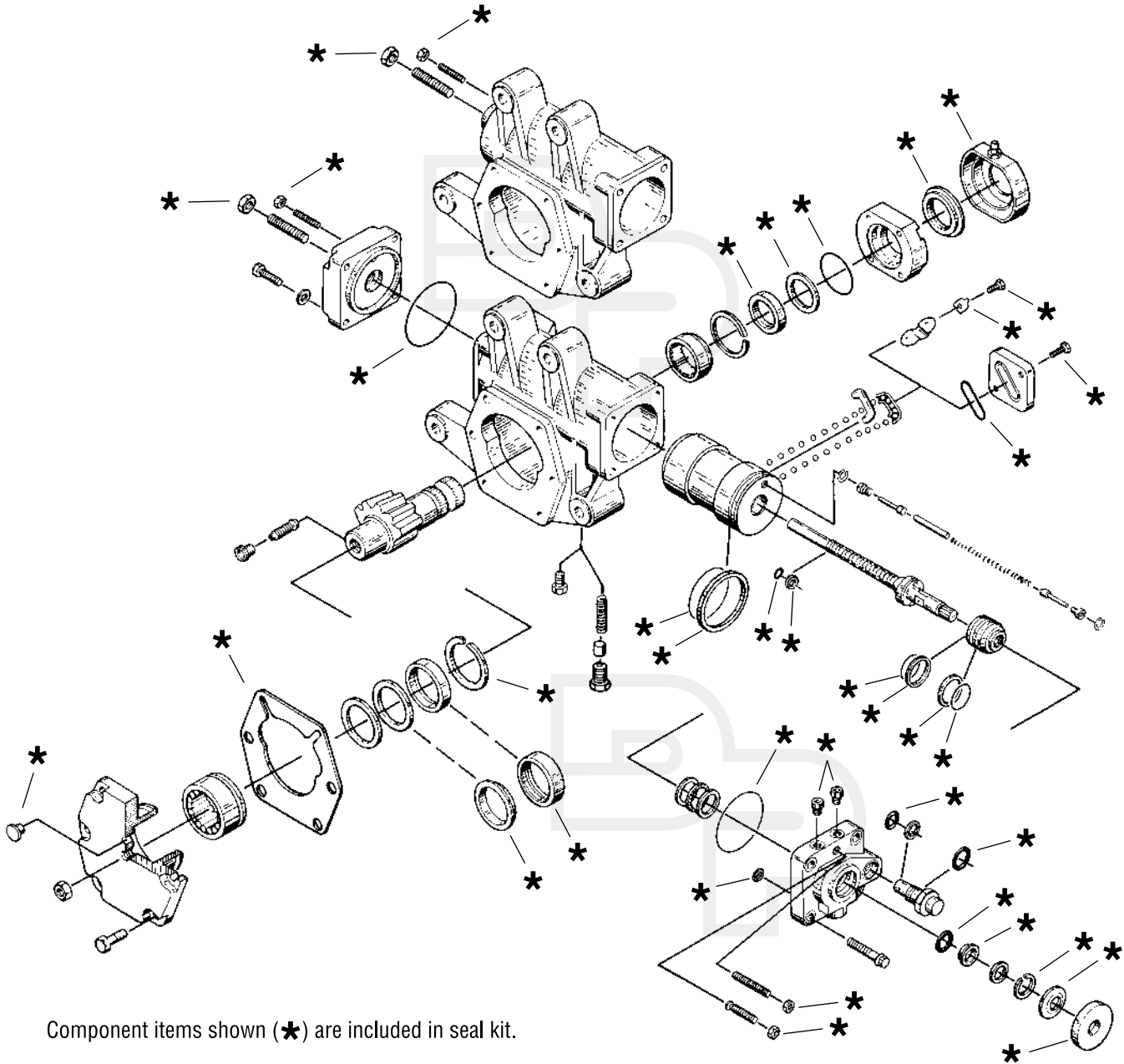
TRW/Ross HFB52

Part No.	Description	No. Req.	OEM Number	Remarks
371-103A	Master seal kit	1	HFB520000	

Steering Gear TRW/Ross HFB64

Seal Kits

Seal Kits



Component items shown (*) are included in seal kit.

TRW/Ross HFB64

Part No.	Description	No. Req.	OEM Number	Remarks
371-104A	Master seal kit	1	HFB640001	



Not Serviced by Dayton Parts
Popular
Most Popular

(B) Bi-Metal Bushing
(C) Composite Bushing
(N) Nylon Bushing

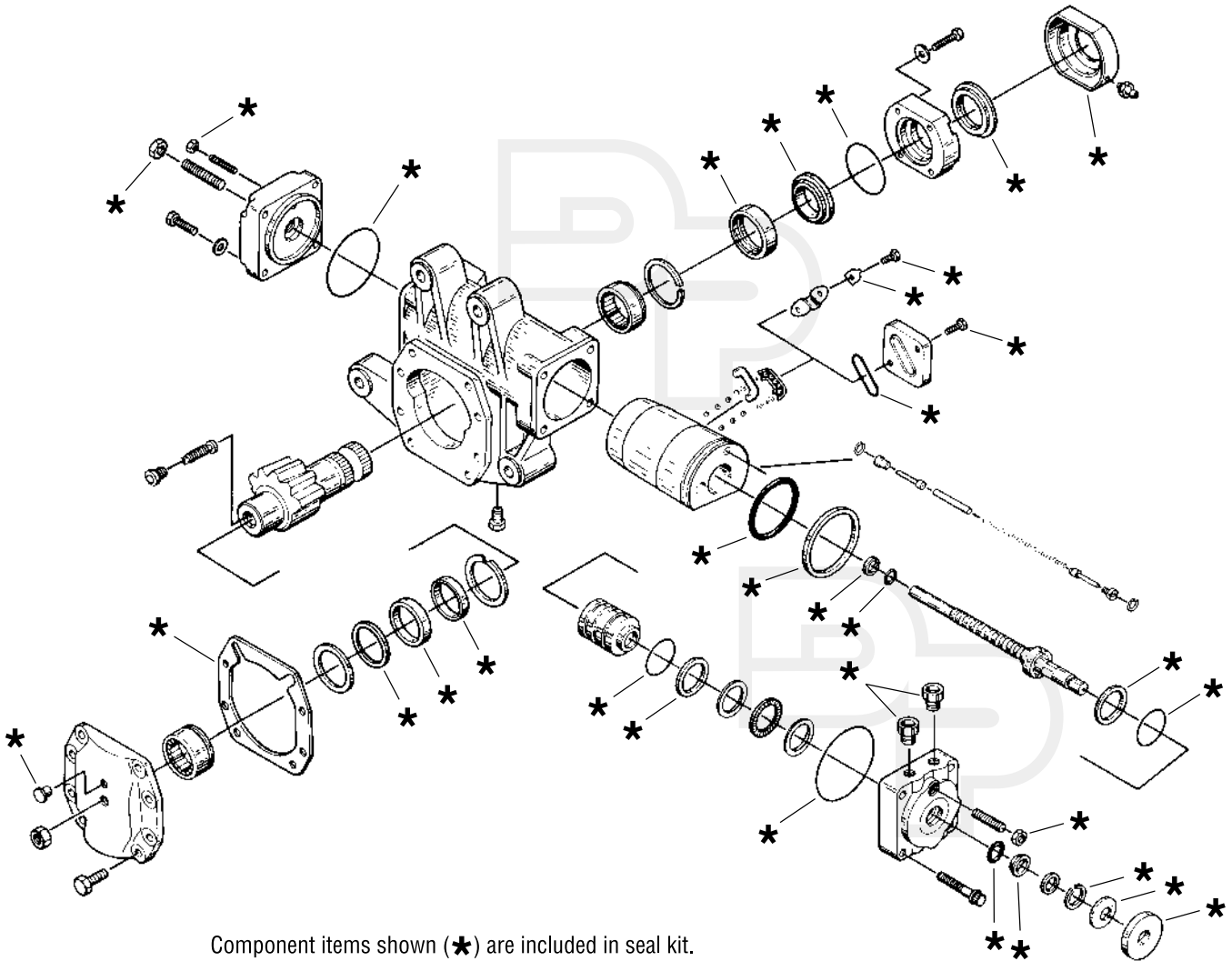
(P) Plastic Bushing
(C-C) Stud Center to Stud Center
(C-E) Stud Center to End

(LH) Left Hand
(RH) Right Hand

Seal Kits

Steering Gear TRW/Ross HFB70

Seal Kits



Component items shown (*) are included in seal kit.

TRW/Ross HFB70

Part No.	Description	No. Req.	OEM Number	Remarks
371-105A	Master seal kit	1	HFB700000	

- ◆ Not Serviced by Dayton Parts
- ✓ Popular
- ✓✓ Most Popular

- (B) Bi-Metal Bushing
- (C) Composite Bushing
- (N) Nylon Bushing

- (P) Plastic Bushing
- (C-C) Stud Center to Stud Center
- (C-E) Stud Center to End

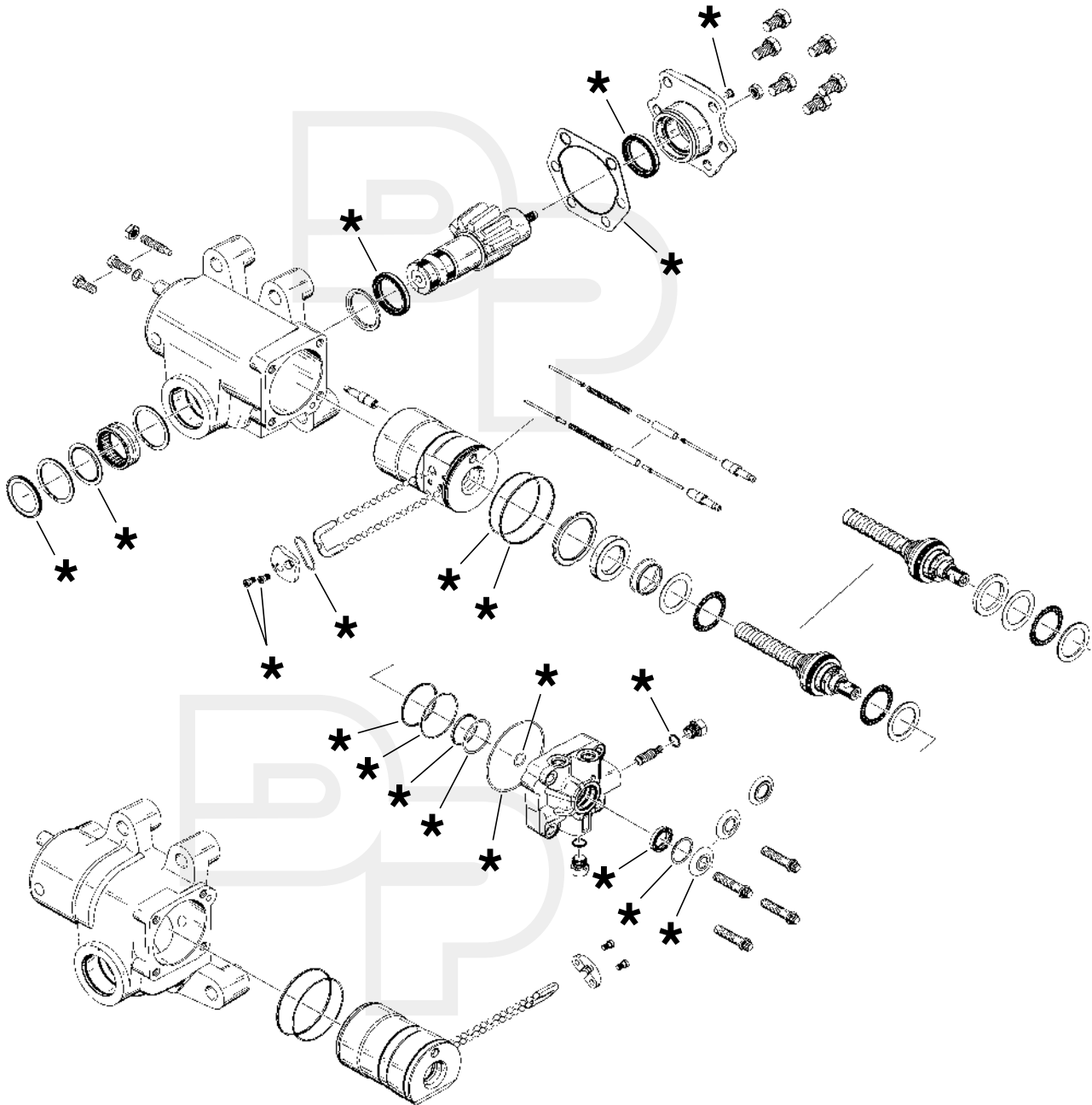
- (LH) Left Hand
- (RH) Right Hand



Steering Gear TRW/Ross TAS65

Seal Kits

Seal Kits



Component items shown (*) are included in seal kit.

TRW/Ross TAS65

Part No.	Description	No. Req.	OEM Number	Remarks
371-106A	Master seal kit	1	PS3902	
371-107A	Master seal kit	1	—	Viton shaft seal



Not Serviced by Dayton Parts
Popular
Most Popular

(B)
(C)
(N)

Bi-Metal Bushing
Composite Bushing
Nylon Bushing

(P)
(C-C)
(C-E)

Plastic Bushing
Stud Center to Stud Center
Stud Center to End

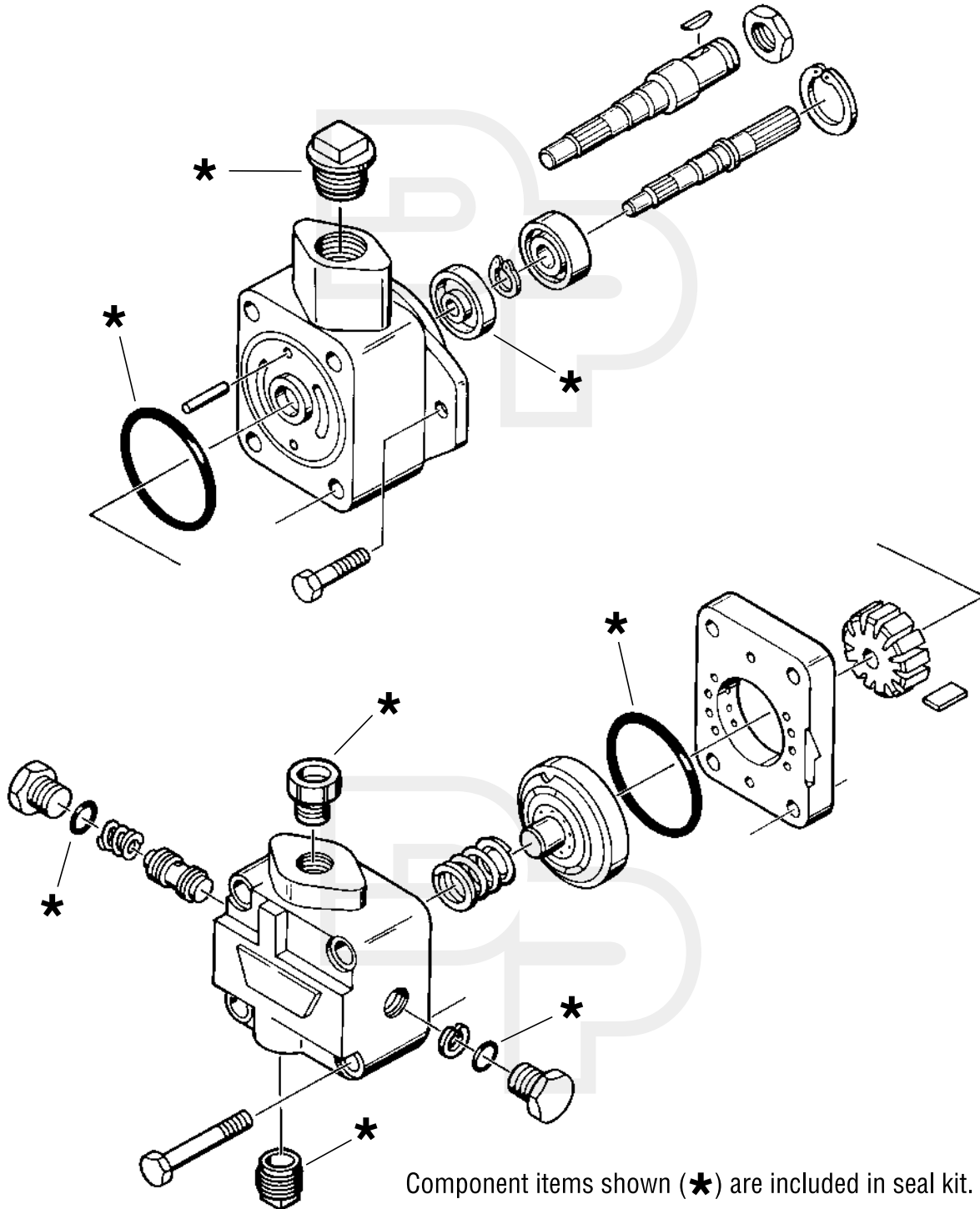
(LH)
(RH)

Left Hand
Right Hand

Seal Kits

Steering Pump Vickers V10 Series

Seal Kits



Vickers V10 Series

Part No.	Description	No. Req.	OEM Number	Remarks
371-161A	Master seal kit	1	923548	

- ◆ Not Serviced by Dayton Parts
- ✓ Popular
- ✓✓ Most Popular

- (B) Bi-Metal Bushing
- (C) Composite Bushing
- (N) Nylon Bushing

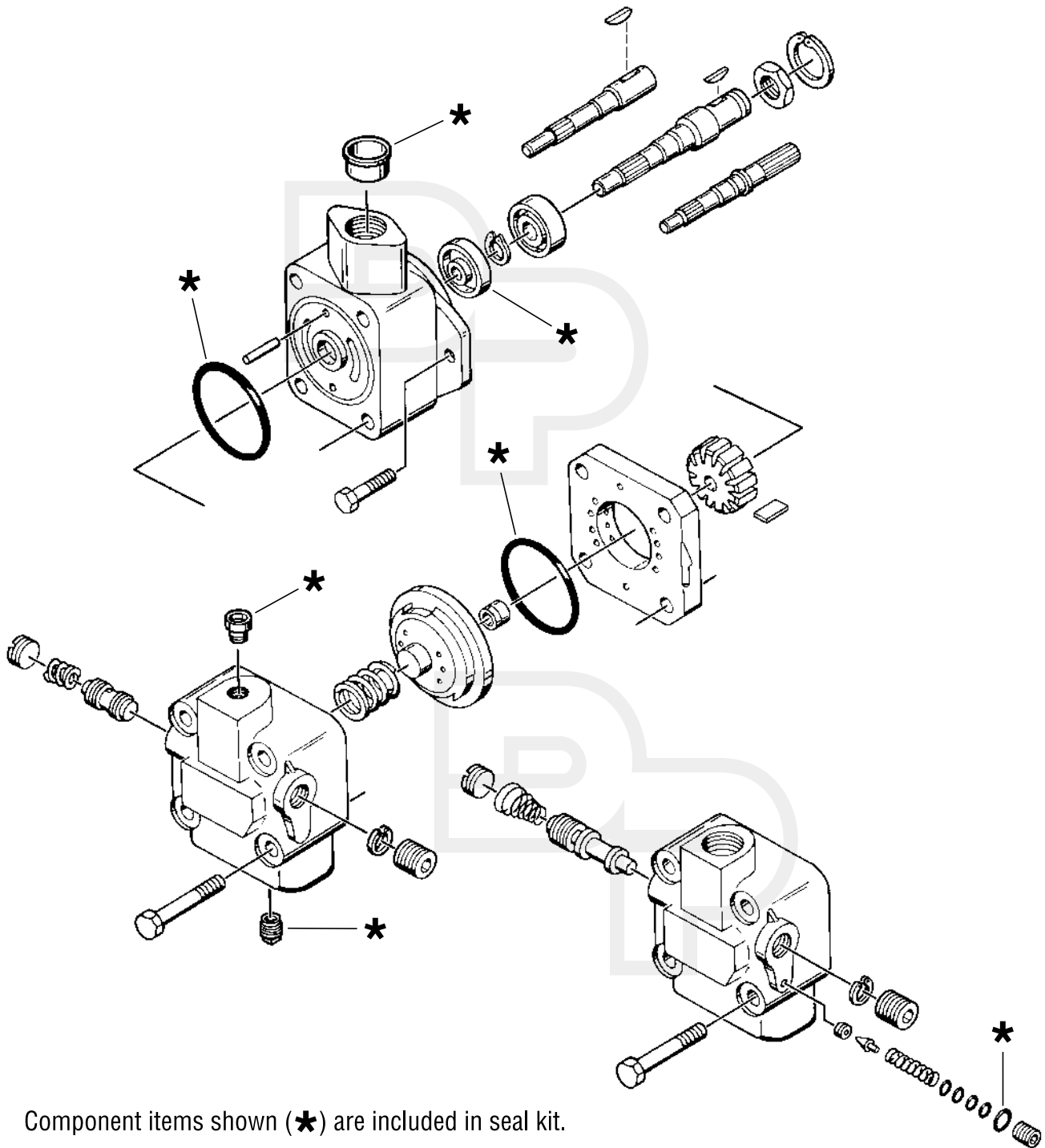
- (P) Plastic Bushing
- (C-C) Stud Center to Stud Center
- (C-E) Stud Center to End

- (LH) Left Hand
- (RH) Right Hand

Steering Pump Vickers V20 Series

Seal Kits

Seal Kits



Component items shown (*) are included in seal kit.

Vickers V20 Series

Part No.	Description	No. Req.	OEM Number	Remarks
371-162A	Master seal kit	1	922733	



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Dayton Parts
300-100 to 300-314

Numerical Listing

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Is there a part we do not offer that you would like us to consider?

MAIL or FAX us the information below:

Mail To: **Dayton Parts, LLC**
P.O. Box 5795
Harrisburg, PA 17110-0795
Attn: Marketing Dept.

800-233-0899 (Customer Service)
800-822-2042 (Tech Center Direct)
800-225-2159 (Fax)

From: Company _____ Date _____
Address _____
Name _____
Phone _____ FAX _____

OEM or Competitor Part No. _____
Vehicle - Make / Model _____ Year _____
Serial Number, if known _____
Description _____
How many can you sell per year? _____

OEM or Competitor Part No. _____
Vehicle - Make / Model _____ Year _____
Serial Number, if known _____
Description _____
How many can you sell per year? _____

OEM or Competitor Part No. _____
Vehicle - Make / Model _____ Year _____
Serial Number, if known _____
Description _____
How many can you sell per year? _____

OEM or Competitor Part No. _____
Vehicle - Make / Model _____ Year _____
Serial Number, if known _____
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How many can you sell per year? _____
