

TRW Automotive

Steering & Suspension Systems

Service Bulletin #TAS-102

Illustration for Service Seal Kit TAS850004

Revised January, 1998

This TRW Commercial Steering Division service bulletin has been written to help you repair commercial vehicles more efficiently. This bulletin should not replace your manuals; you should use them together. These materials are intended for use by properly trained, professional mechanics, NOT "Doit-yourselfers". You should not try to diagnose or repair steering problems unless you have been trained, and have the right equipment, tools and know-how to perform the work correctly and safely.

All steering mechanisms are safety critical items. As such, it is imperative that the instructions in the vehicle manufacturer's or TRW's latest published service manual are followed to the letter. Failure to observe the proper procedures, cautions and warnings may result in loss of steering.

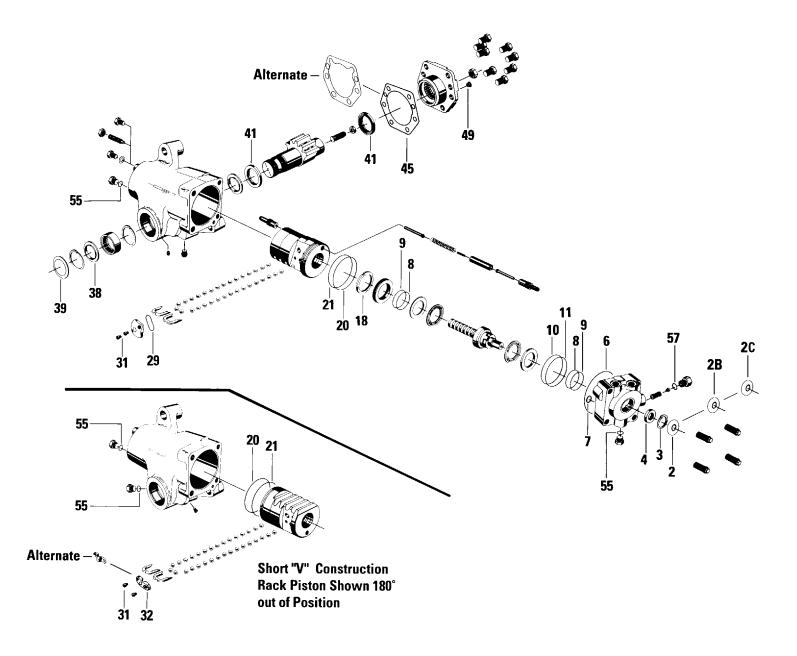
Service seal kits include service parts for more than one type of construction. Select the service kit parts required for the unit being serviced by comparing them with those being replaced.

Service seal kits include grease pack 406038 and all item numbers shown on this bulletin.

Use the Ball Return Guide Strap (32) as a direct replacement for the alternate "clip". Use the Torx screws included in the kit to secure the new strap. Discard the old clip and bolts.

The new side cover gasket (45) is a direct replacement for the older "alternate" design, even though it may look slightly different.

- * Item 2 (Dirt & Water Seal with .687" I.D.) is for TAS units with 13/16" input serrations (P/N 478044).
- * Item 2B (Dirt & Water seal with .735" I.D.) is for TAS units with 7/8" input serrations (P/N 478060).
- * Item 2C (Dirt & Water seal with .852" I.D.) is for TAS units with 1" input serrations (P/N 478050).



<u>Item</u>	<u>Description</u>	Part Number	<u>Item</u>	<u>Description</u> <u>Part Number</u>	<u>er</u>
2	Dirt & Water Seal (13/16 Serr.)	* 478044	20	Teflon Seal Ring (Rack Piston) 03254	7
2B	Dirt & Water Seal (7/8 Serr.)*	478060	21	O-ring (Back up; Rack Piston) 03255	6
2C	Dirt & Water Seal (1" serr.)*	478050	29	Seal (Cap) 47804	2
3	Retaining Ring	401637	31	Torx Screws (2-Cap) 02022	8
4	Seal (Input Shaft)	478076	32	Ball Return Guide Strap 40016	7
6	Seal Ring (Valve Housing)	032834	38	Dirt Seal 47805	7
7	Seal Ring (Valve Housing	029116	39	Dirt & Water Seal (Trunnion) 47805	9
8	Seal Ring (2)	029123	41	Seal (2-Output) 47808	4
9	O-ring (2)	032200158	45	Gasket (Side Cover)TAS85900	0
10	Seal Ring	032823	49	Vent Plug (Side Cover) 03620	1
11	O-ring (Valve Housing)	032200152	55	O-ring (2-Aux. Port Plug) 03222	9
18	Adjuster locknut	027007	57	O-ring (Relief Valve) 03220015	3

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