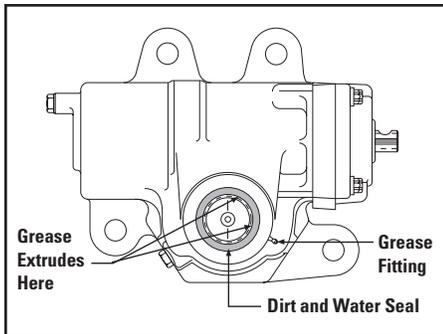


**TRW Automotive**  
Commercial Steering Systems**Service Procedure #TAS-103****Lubrication of TAS and PCF/THP Gears**

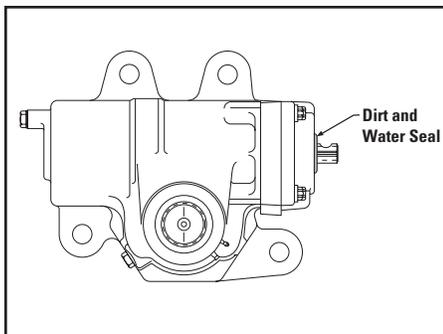
Revised March, 2008

*This TRW Commercial Steering Systems' service procedure has been written to help you repair commercial vehicles more efficiently. This procedure should not replace your manuals; you should use them together. These materials are intended for use by properly trained, professional mechanics, NOT "Do-it-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.*

**Lubricate trunion bearing****At chassis lube intervals or once per month**

1. Locate the grease fitting on the trunion side of the steering gear near the output shaft. Use a handtype grease gun to force grease (NLGI grade 2 or 3 multipurpose EP chassis lube) through the fitting until you can see it past the external dirt and water seal.

**⚠ CAUTION** Do not use an automatic or power grease gun on this fitting. The high rate of flow from such devices could force grease inside the high pressure seal. This could contaminate the hydraulic system and also promote seal leakage.

**Maintain input shaft dirt & water seal grease pack****Twice per year**

2. Clean old grease from the dirt & water seal near the input shaft, and the cavity behind the seal with a lintfree cloth. Repack the area using clean, high temperature industrial grease (Mobil Temp\* 1 or 2 or equivalent). Reseat the dirt & water seal in its groove behind the serrations and against the valve housing.

\*Mobil Temp is a registered trademark of Mobil Oil Corp.

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