

## TRW Automotive

### Commercial Steering Systems

## Service Procedure SRV-102

### Gear Lubrication Service

Applies to all TAS/THP/PCF/RCS & RCH Steering gears

Revised July, 2016

*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.*

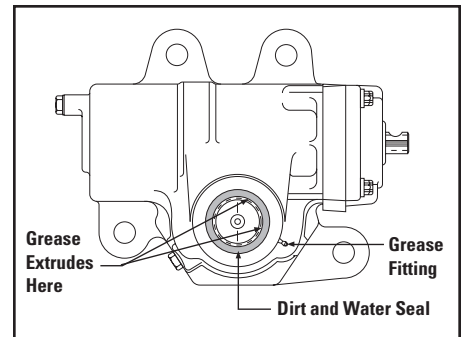
1. Locate the grease fitting on the trunnion side of the steering gear near the output shaft. Use a hand type grease gun to force grease (Exxon Polyrex® EP2 grease) through the fitting until you can see it past the external dirt and water seal.

**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.

2. Clean old grease from the dirt & water seal near the input shaft, and the cavity behind the seal with a lint free cloth. Repack the area using clean, high temperature industrial grease (Exxon Polyrex® EP2 grease). Re-seat the dirt & water seal in its groove behind the serrations and against the valve housing.

#### Lubricate trunnion bearing

At chassis lube intervals or once per month



#### Maintain input shaft dirt & water seal grease pack

Twice per year

