

TRW Automotive
Commercial Steering Systems**Service Procedure #COL-159****Intermediate Column
Universal Joint Grease Cap Kit****Kit # SK000274**

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NOTE

This service kit applies to both TRW 1st generation and SF-Series Intermediate Column Assemblies

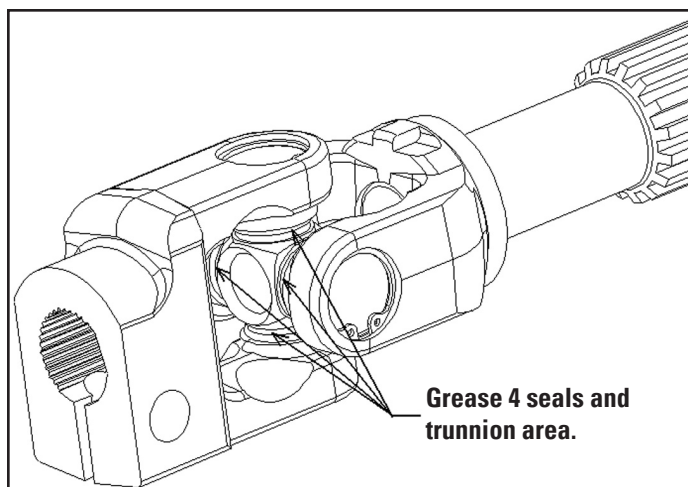
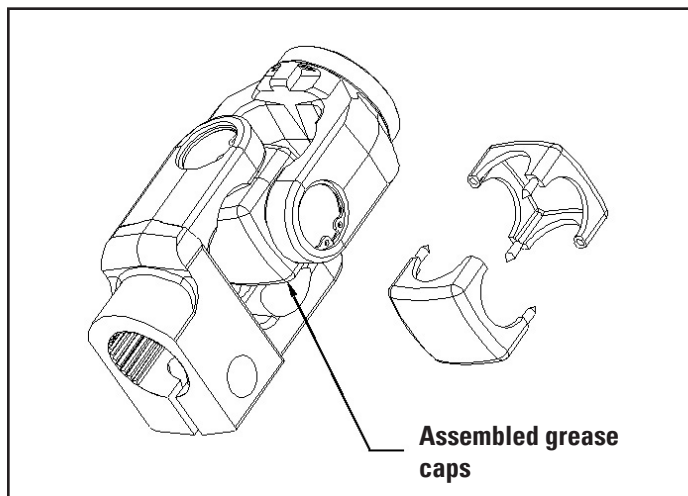
This TRW Commercial Steering Systems' service bulletin has been written to help you repair commercial vehicles more efficiently. This bulletin should not replace your manuals; you should use them together. These materials are intended for use by properly trained, professional mechanics, NOT "Do-it-yourselfers".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

Grease Cap Assembly Procedure

1. Stop the vehicle on a level surface; turn off engine, set parking brake, and chock tires.
2. Apply Mobile XHP222 or NLGI Grade 2 Type EP grease to seals and trunnion of universal joint (Figure 1)
3. Assemble caps over joint cross. Orient mating parts and snap together (Figure 2). Approximately 20 lbs is required to engage snap detents.
4. Verify that the grease caps do not hinder motion. The universal joint should rotate freely through entire operating range of $\pm 65^\circ$ and non-operating range of $\pm 90^\circ$.
7. Remove chocks from tires.

CAUTION

If intermediate column was remove from the vehicle, reinstall tighten pinch bolts to the vehicle manufacturer's specifications. TRW strongly recommends the use of new pinch bolts.

**Figure 1****Figure 2****TRW Commercial Steering Systems**

P.O. Box 60
Lafayette, IN 47902
Phone: 765.423.5377
Fax: 765.429.1868