

## TRW Automotive

### Commercial Steering Systems

# Service Procedure SRV-101

## Steering System Maintenance Schedule

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

Revised June 2016

**NOTE**

Always follow the vehicle manufacturer's maintenance schedule unless otherwise noted.

*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.*

### Hydraulic System

**Frequency**

Check reservoir fluid level \*\*

Monthly

Change fluid \*\*

Annually or every 100,000 miles \*

Change oil filter (10 micron)

Annually or every 100,000 miles \*

Inspect hoses & fittings

Lubrication interval or twice per year or vehicle manufacturer

### Mechanical System

**Frequency**

**Reference**

Adjust sector shaft preload

As required

TRW800 Steering System Maintenance Guidelines

Replace trunnion bearing grease

Chassis lubrication interval or monthly

TRW Bulletin TAS-103

Replace input shaft seal grease

Twice per year

TRW Bulletin TAS-103

Check bolt torques (mounting bolts, pinch bolts at pitman arm and input shaft, mounting bracket if used)

Annually or every 100,000 miles \* or vehicle manufacturer

Lubricate column & u-joint

vehicle manufacturer

Lubricate steering linkage

vehicle manufacturer

Alignment

vehicle manufacturer

Check tire inflation levels

vehicle manufacturer

Check 5th Wheel lubrication, surface

vehicle manufacturer

Check shock absorber effectivity

vehicle manufacturer

\* Vehicles operating under severe conditions (temperature extremes, exposure to salt or other corrosives, dust, etc.) require more frequent maintenance. OFF Highway: 6 months or every 50,000 miles as minimum recommendation

\*\* Fluid Requirement:

**NOTE**

The use of unapproved fluids will void warranty.

The following fluids are approved for use in TRW steering component equipped systems:

- Automatic Transmission Fluid
  - TES295 approved (synthetic)
  - TES389 approved (non-synthetic)

**TRW Commercial Steering Systems**

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