Service Procedure #187

Special Instructions for Service Ball Kit 213684-X1

Revised February, 2008

Service ball kit 213684-X1 includes 34 service balls and can be used to service HFB52, HFB64, HFB70, TAS37, TAS40, TAS55, TAS65, TAS66, TAS85, PCF/THP45, PCF/THP60, and PCF/THP86 steering gears.

Do not mix old balls removed with these new balls. Use only the number of service balls specified for the steering gear being serviced as follows:

- HFB52 Gears .................. 25 Balls
- HFB64 Gears .................. 27 Balls
- HFB70 Gears .................. 34 Balls
- TAS37 Gears .................. 30 Balls
- TAS40 Gears .................. 29 Balls
- TAS55 Gears .................. 31 Balls
- TAS65 Gears .................. 32 Balls
- TAS66 Gears .................. 32 Balls
- TAS85 Gears .................. 34 Balls
- PCF/THP45 Gears ............. 29 Balls
- PCF/THP60 Gears ............. 31 Balls
- PCF/THP86 Gears ............. 34 Balls

WARNING: All steering mechanisms are safety critical items. It is imperative the instructions in the vehicle manufacturer’s or TRW Commercial Steering Division’s latest published Service Manuals are followed to the letter. Failure to observe the proper procedures, cautions and warnings may result in loss of steering and/or personal injury.

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.