

TRW Automotive  
Commercial Steering Systems

## Service Procedure # COL-164

### Clock Spring Replacement

April '06

**NOTE**

Take appropriate safety measures before beginning this procedure.

**Tools Required**

- 1/4 in. Socket
- Ratchet
- Standard tip screw driver
- in-lbs torque wrench

**Clockspring Replacement****NOTE**

Set vehicle wheels to straight ahead position before beginning this procedure to prevent damage to the clock spring .

1. Remove steering column shroud, and steering wheel according to vehicle manufacturer's instructions.
2. Using a 1/4" socket, or standard-tip screwdriver remove (2) screws securing clockspring (P/N 455068) **Figure 1**
3. Remove the clockspring and mark it to prevent reinstallation of the damaged clockspring.
4. Install new clockspring. **Figure 2**
5. Using a 1/4" socket and torque wrench torque screws to 15-20 in. lbs. **Figure 3**
6. Reinstall steering column shroud and steering wheel according to vehicle OEM instructions.

*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.*

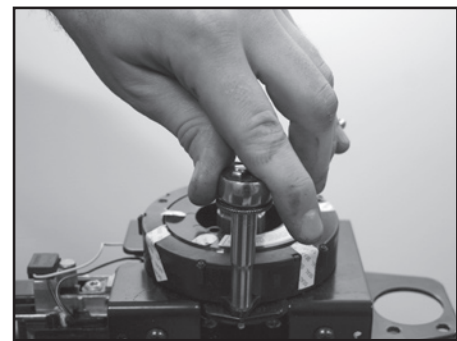


Figure 1

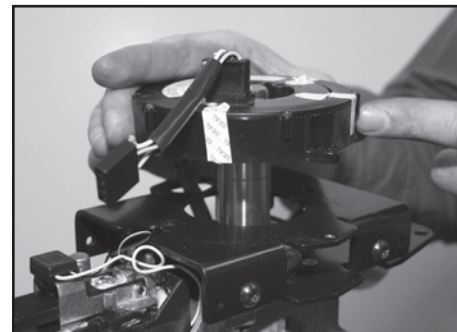


Figure 2

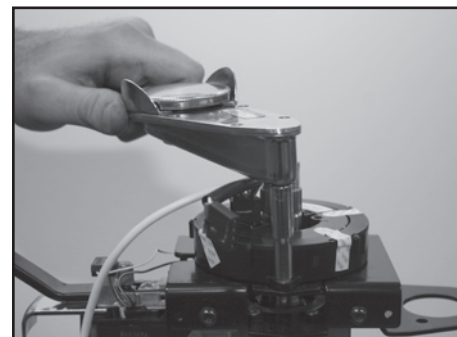


Figure 3

**TRW Commercial Steering Systems**

P.O. Box 60

Lafayette, IN 47902

Phone: 765.423.5377

Fax: 765.429.1868