

TRW Automotive

Commercial Steering Systems

Service Procedure # COL-191

Kenworth Global Steering Column Lock Adjustment

October 2008

NOTE

This service procedure applies to any Kenworth Global Steering Column.

The TRW Global Column is adjusted during assembly so that it will not slip in the locked position (foot pedal up) with less than 120 pounds of push or pull force on the steering wheel.

If the push-pull force of 120 pounds or less causes the column (in the locked position; foot pedal up) to slip more than an inch measured at the center of the steering wheel rim, use the following procedure to re-adjust the column.

Steering Column Lock Adjustment Procedure

1. Remove top shroud/cover located closest to the dash.
See Figure 1
2. Locate the castle/slotted nut and cotter pin. See Figure 2. Remove the cotter pin. The legs of the cotter pin will have to be straightened to allow removal.
3. Re-torque the castle/slotted nut to 85 in*lbs with the pedal in the upright and locked position. Be sure to not apply any load to the pedal while re-torquing nut.
4. Install a new cotter pin with the nut in the current position. If it is not possible to install the cotter pin, rotate the nut in the clockwise direction, not to exceed 1/6 turn (60°), until the hole in the bolt aligns with the notches in the castle nut. Do not bend cotter pin yet.
5. Check the pedal for full range of motion, and ensure it returns to the upright and locked position. If not remove cotter pin and rotate castle/slotted nut counter-clockwise 1/6 turn (60°) until the next slot lines up with the hole in the bolt. Re-install cotter pin

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.

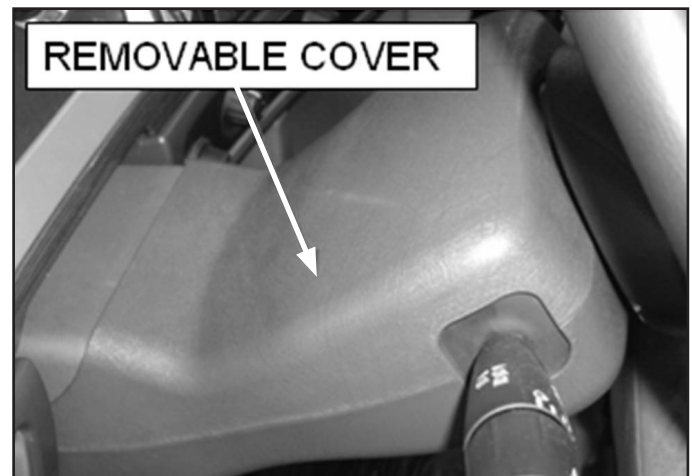


Figure 1

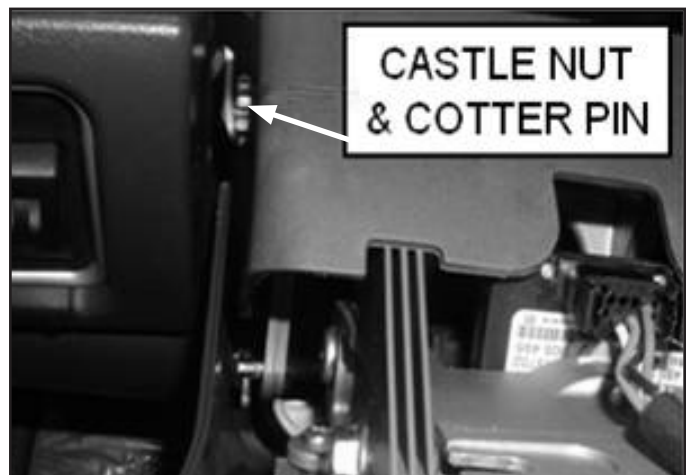


Figure 2

6. With column in locked position (with foot pedal up) apply 120 pounds maximum to the steering wheel. Ensure column does not move more than an inch measured at the center of the steering wheel rim. If column slips more than an inch, remove cotter pin and rotate castle/slotted nut clockwise 1/6 turn (60°) until the next slot lines up with the hole in the bolt. Re-install cotter pin.
7. Once all checks are complete bend over legs of the cotter pin and re-install the shroud/cover

TRW Commercial Steering Systems

P.O. Box 60

Lafayette, IN 47902

Phone: 765.423.5377

Fax: 765.429.1868