

FLA COE
FLB COE
FLD Conventional
Business Class
FLC 112 Conventional

> Century Class Conventional
Argosy COE
Cargo
> Columbia

> Coronado
Business Class M2
> Cascadia
108SD/114SD

Freightliner
Service Bulletin

Description of Revisions: *This bulletin replaces the version dated September 2011. A notice is added advising against lubrication of the steering column friction plates.*

General Information

Some TRW tilt/telescope steering columns may not have the correct tilt lock force if the column does not hold firmly in place after a tilt adjustment. The castle nut can be tightened to provide the correct force.

NOTE: TRW steering columns can be differentiated from other columns by their tilt-adjust foot pedal. See [Fig. 1](#).

NOTICE

Do not lubricate the steering column friction plates. Lubrication of the plates may result in improper function of the column lock system and damage to the column.

Adjustment Procedure

1. Remove the shrouds from the steering column by removing four T30 Torx® screws on the upper driver side and two T30 Torx screws on the upper dash side.
2. Remove the turn signal wiring harness bracket by removing the T30 Torx screw that holds it to the aluminum column housing.
3. Disconnect the turn signal harness by depressing the plastic retaining tabs on the connector body while detaching the harness.
4. Remove the four locknuts that attach the steering column to the dash support. See [Fig. 2](#).
5. Lower the steering column out of the dash to gain access to the castle nut and the lock bolt.
6. Locate the castle nut on the left side of the column, and remove the cotter pin. See [Fig. 3](#).
7. Make sure the tilt/telescope adjustment pedal is in the fully locked position, then secure the lock bolt in position using an M8 hex wrench, then tighten the castle nut 85 lbf-in (960 N-cm). See [Fig. 4](#).
8. Install a new 3/32 x 1-inch steel cotter pin at the tightened position, or, if the pin cannot be inserted, tighten the nut to the nearest position which allows installation of the cotter pin. Bend the ends to retain the pin.
9. Attach the column to the dash support and tighten the nuts until snug.
10. Depress the pedal fully and check for easy movement of the steering column. Allow the pedal to return and check for holding force by applying a gradual load through the steering wheel in the fore and aft directions.

NOTE: Once the pivot bolt has been properly adjusted, the foot pedal may not return to the upper end of its travel.

11. Tighten the locknuts on the dash support bolts 23 to 29 lbf-ft (31 to 39 N-m).
12. Install the turn signal connector and verify function, then install the harness bracket.
13. Install the shrouds.

Warranty

This procedure is warrantable only if the described condition exists and the repair is performed within the applicable base or extended coverage warranty period. If a failure is not found, this procedure is considered preventive and warranty does not apply.

46-41

Adjusting Tilt Lock Force on TRW Steering Columns

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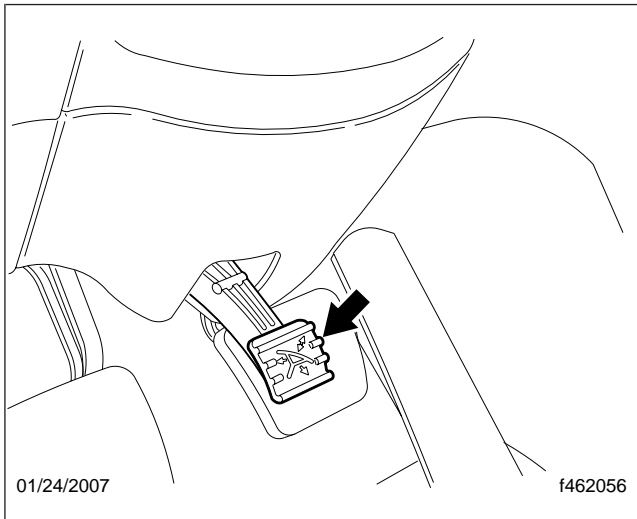


Fig. 1, Foot Pedal on TRW Adjustable Steering Columns.

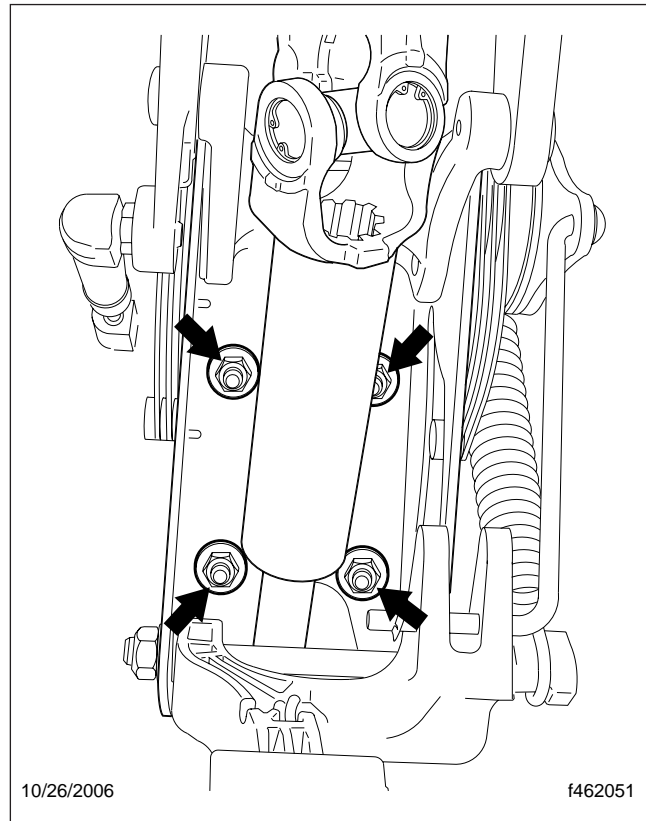


Fig. 2, Dash Support Locknuts

Normal warranty applies. See [Table 1](#) for QuickClaim damage code and labor allowance information. Refer to this service bulletin by number at the beginning of the claim comments. See [Table 2](#) for OWL VMRS codes and labor allowance information. Enter **46-41** in the *Service Bulletin #:* field.

QuickClaim Damage Code and Labor Allowance			
Damage Code	SRT Code	Description	Time: Hours
532-001929940	532-5014A	Tilt Lock Force, Global Steering Column, Adjust	0.8

Table 1, QuickClaim Damage Code and Labor Allowance

OWL VMRS Codes and Labor Allowance					
Primary Failed Part	Component Code	Cause Code	SRT Code	Description	Time: Hours
Steering Column Assembly	015-002-004	28	532-5014A	Tilt Lock Force, Global Steering Column, Adjust	0.8

Table 2, OWL VMRS Codes and Labor Allowance

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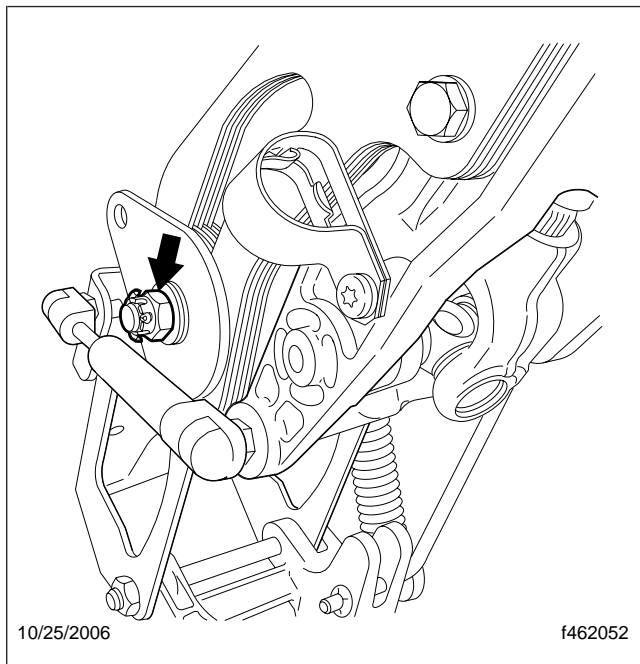


Fig. 3, Castle Nut

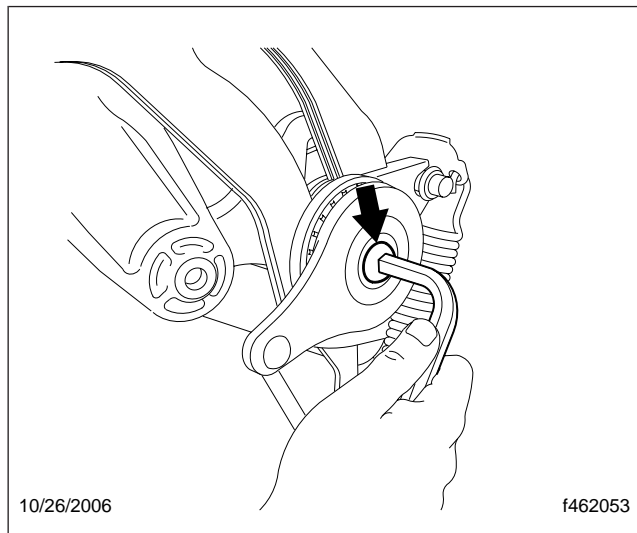


Fig. 4, Securing the Lockbolt

