

FLA COE  
FLB COE  
FLD Conventional  
Business Class

FLC 112 Conventional  
> Century Class Conventional  
Argosy COE  
Cargo

> Columbia  
> Coronado  
Business Class M2

Freightliner  
Service Bulletin

**Description of Revisions:** *This bulletin replaces the version dated January 2007. Warranty information has been updated.*

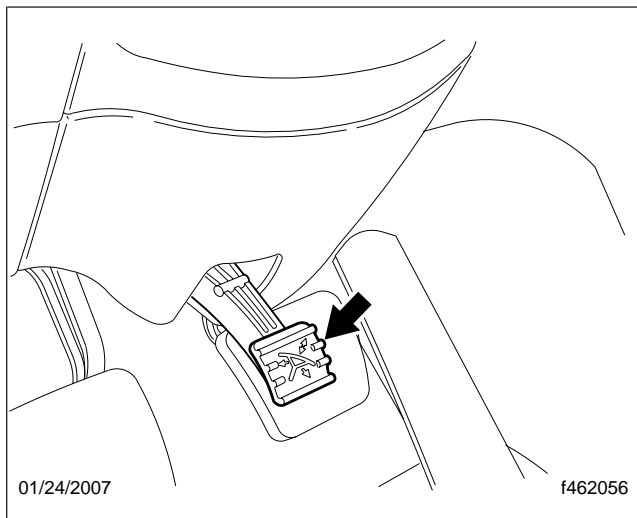
## General Information

TRW tilt/telescope steering columns in Columbia, Coronado, and Century Class Conventional vehicles 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.

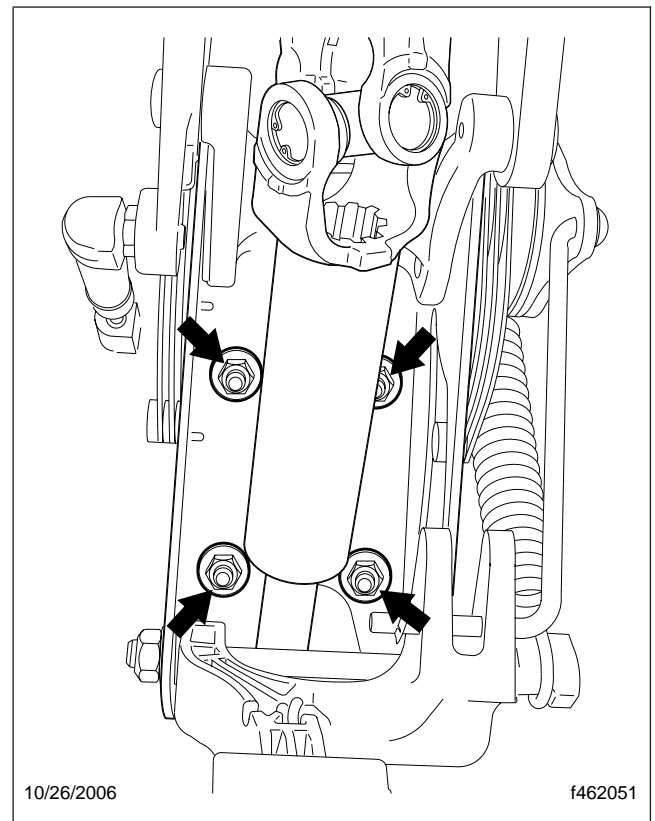
NOTE: TRW steering columns can be differentiated from other columns by their tilt-adjust foot pedal. See [Fig. 1](#).

## 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](#).



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



**Fig. 2, Dash Support Locknuts**

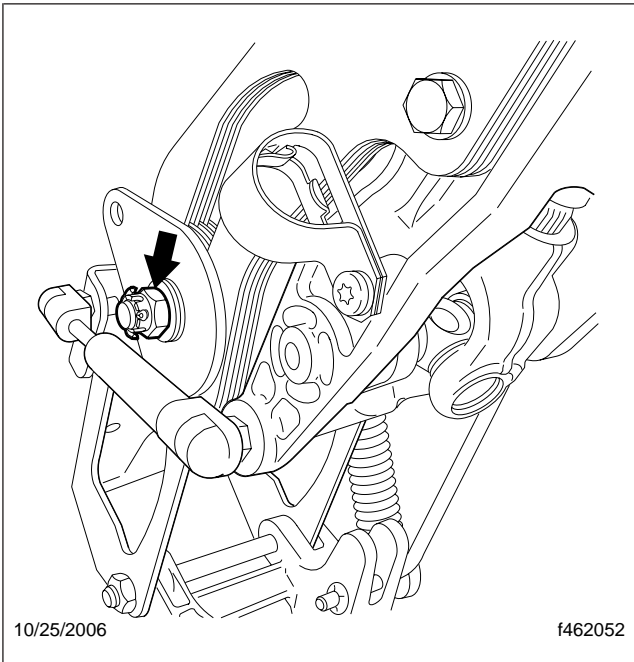
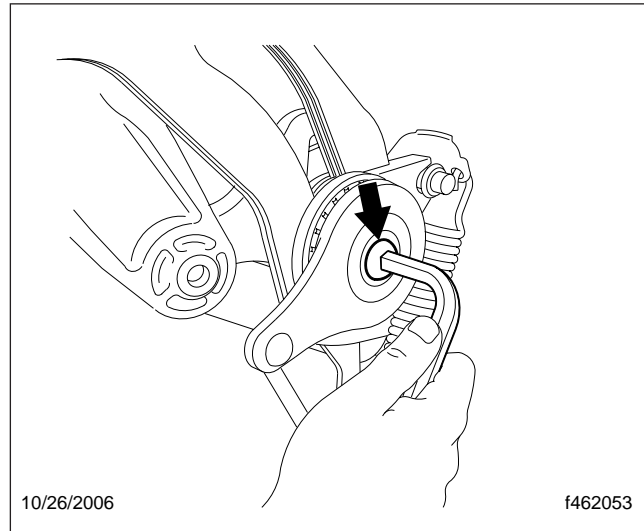
**Freightliner  
Service Bulletin**

 FLA COE  
 FLB COE  
 FLD Conventional  
 Business Class

 FLC 112 Conventional  
 > Century Class Conventional  
 Argosy COE  
 Cargo

 > Columbia  
 > Coronado  
 Business Class M2

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. Making sure the column pedal is in the fully locked position, secure the lock bolt in position using an M8 hex wrench, and tighten the castle nut 85 lbf-in (960 N-cm). See **Fig. 4**.


**Fig. 3, Castle Nut**

**Fig. 4, Securing the Lockbolt**

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. Check the column function by depressing the pedal fully and checking for easy movement. 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.

# Adjusting Tilt Lock Force on TRW Steering Columns

# 46-41

FLA COE  
FLB COE  
FLD Conventional  
Business Class

FLC 112 Conventional  
> Century Class Conventional  
Argosy COE  
Cargo

> Columbia  
> Coronado  
Business Class M2

**Freightliner  
Service Bulletin**

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**