

FLA COE  
FLB COE  
FLD Conventional  
Business Class

FLC 112 Conventional  
Century Class Conventional  
Argosy COE  
Cargo

Columbia  
Coronado  
Business Class M2  
> Cascadia

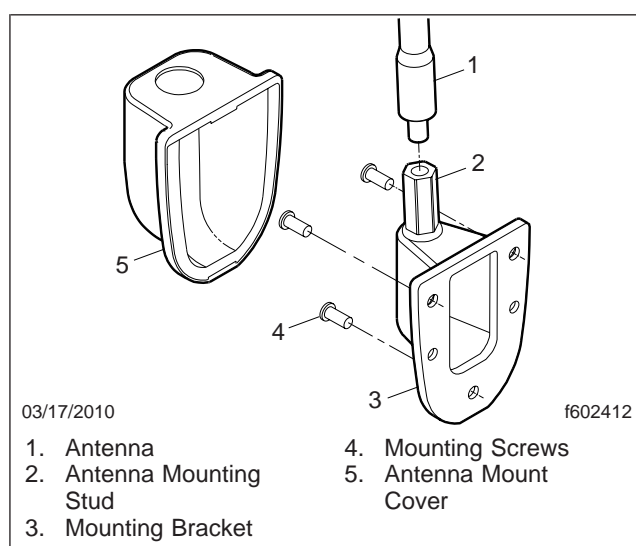
**Freightliner  
Service Bulletin**

## General Information

Antenna mounting studs are breaking on some Cascadia vehicles built prior to April 5, 2010. If this occurs, replace the broken mounting stud rather than replacing the entire mounting bracket. Use the instructions in this bulletin to replace the mounting stud.

## Work Instructions

1. Shut down the engine and chock the tires.
2. Remove the antenna and the cover from the antenna mounting bracket. See [Fig. 1](#).



**Fig. 1, Antenna Assembly**

3. Remove the mounting bracket.
  - 3.1 Remove the three screws securing the bracket to the cab wall.
  - 3.2 Remove the antenna mounting stud from the bracket.
  - 3.3 Disconnect the antenna cable from the stud. See [Fig. 2](#).
4. Connect the new antenna mounting stud to the antenna cable PL-259 connector and tighten securely. See [Fig. 3](#).
5. Attach the antenna mounting stud to the mounting bracket.

**NOTE:** When installing the insulator to the antenna assembly, make sure that the ridge is facing down into the bracket.

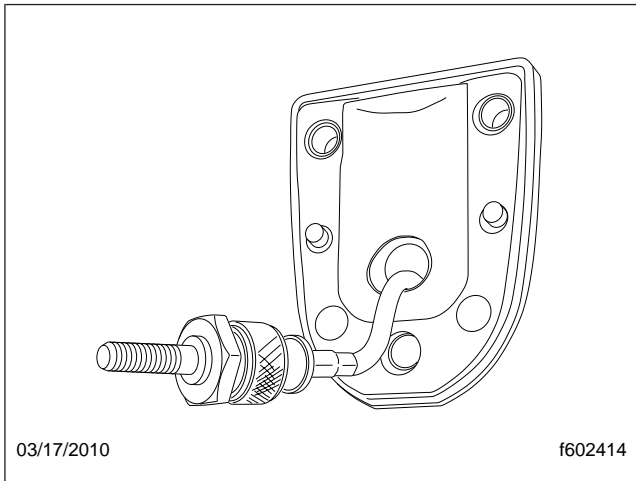
6. Install the insulator, the star washer, and the mounting nut from kit 22-52491-000 on the bracket. See [Fig. 4](#).
7. Install the mounting bracket on the vehicle.
  - 7.1 Position the bracket on the cab wall, and install the three mounting screws.
  - 7.2 Tighten the screws 10 lbf-ft (13 N·m).
8. Install the cover and antenna mast.

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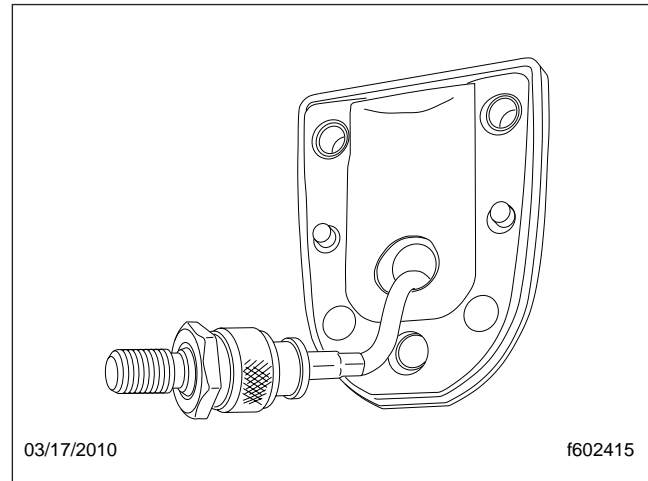
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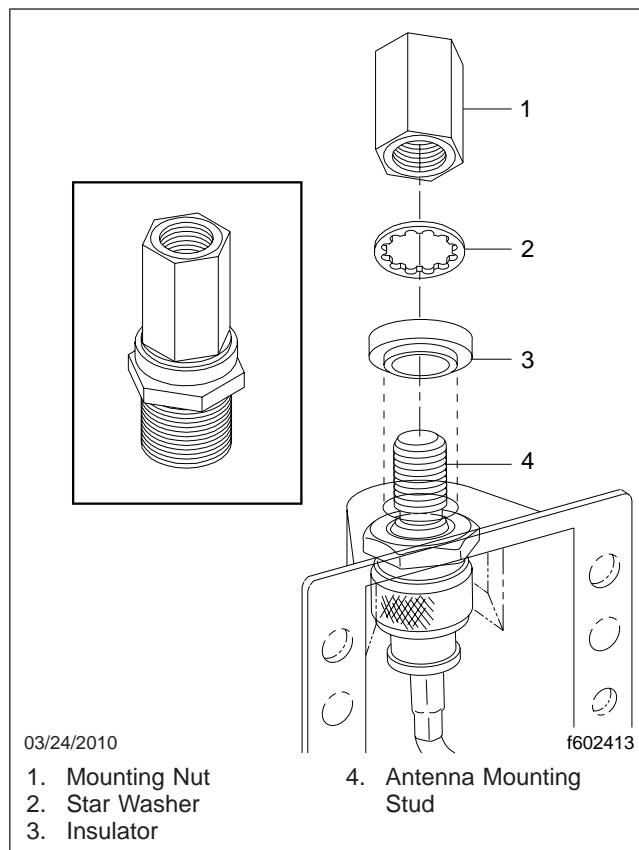
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**Fig. 2, Antenna Mounting Stud Currently Installed on the Vehicle**



**Fig. 3, New Antenna Mounting Stud**



**Fig. 4, Antenna Mounting Stud Kit**

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## Parts

Use the kit 22-52491-000 to repair a broken antenna mounting stud. Two kits are necessary if antenna repair is required on the driver and passenger side of the vehicle.

## Warranty

Normal warranty applies. See [Table 1](#) or [Table 2](#) for damage code and labor allowance information, and refer to this bulletin by number in the story of the claim.

QuickClaim Damage Code and Labor Allowance			
Damage Code	SRT Code	Description	Time: Hours
753-000A03130	753-5010A	Antenna Mounting Stud, One Side of the Cab, Replace	0.2
	753-5010B	Antenna Mounting Stud, Both Sides of the Cab, Replace	0.4

**Table 1, QuickClaim Damage Code and Labor Allowance**

OWL VMRS Codes and Labor Allowance				
Component Code	Cause Code	SRT Code	Description	Time: Hours
052-003-028	12	753-5010A	Antenna Stud, One Side of the Cab, Replace	0.2
		753-5010B	Antenna Stud, Both Sides of the Cab, Replace	0.4

**Table 2, OWL VMRS Codes and Labor Allowance**