# FE13 Roof Fairing Brace Cracking, Cascadia Daycab

60-156

FLA COE FLB COE FLD Conventional Business Class FLC 112 Conventional Century Class Conventional Argosy COE Cargo Columbia 122SD and Coronado Business Class M2 > Cascadia 108SD/114SD Freightliner Service Bulletin

**Description of Revisions:** This bulletin replaces the version dated January 2015. Both the upper and lower ends of the braces are now attached using 5/16-inch flatwashers.

## **General Information**

The single diagonal rear brace on a Cascadia day cab FE13 roof fairing (sales data code 784-084) may crack or break under certain operating conditions. A more durable double-diagonal brace design has been in production since July 14, 2014. If the single diagonal brace (**Fig. 1**) is cracked or broken, convert to the double-diagonal brace design using the procedure in this bulletin.

Do not operate the vehicle without a roof fairing brace, or with a broken brace. Doing so could result in the roof skin cracking.

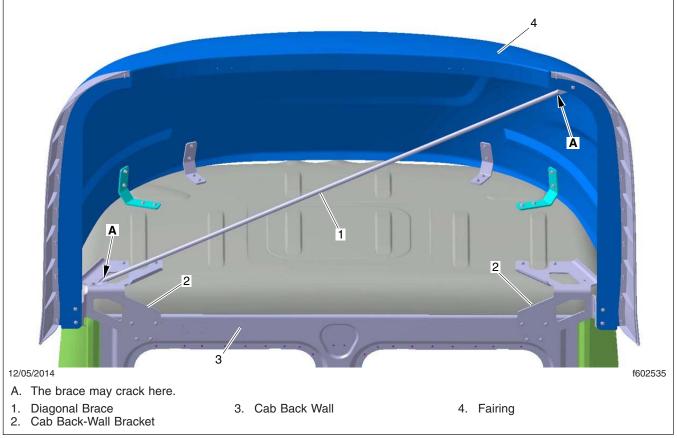


Fig. 1, FE13 Roof Fairing with Single Diagonal Brace

## Procedure

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.

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- 2. Remove the fasteners that attach the diagonal rear brace to the cab and fairing. Remove the brace.
- 3. Locate and drill a 3/8-inch (10-mm) diameter hole in each cab back-wall bracket. See Fig. 2.

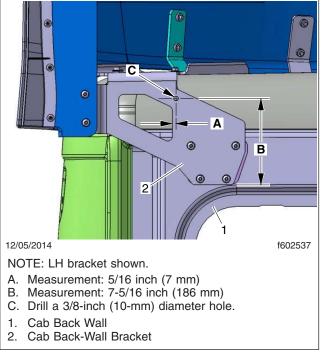


Fig. 2, Drilling Location on Cab Back-Wall Bracket

- 4. Using an M8 machine screw and a 5/16-inch flatwasher in the newly drilled hole, loosely install an L-channel brace on the forward-facing side of the cab back-wall bracket, with the brace web on the inboard side. Use the end-most hole on the brace. Repeat on the other side of the vehicle.
- 5. Attach the top end of one of the braces to the top flange of the fairing, then using the brace as a template, mark and drill two 3/8-inch (10-mm) holes in the flange. Repeat for the other brace. See Fig. 3.
- 6. Using M8 machine screws and 5/16-inch flatwashers, attach the upper ends of the braces to the fairing flange.
- 7. Tighten the screws on the lower ends of the braces.

## Parts

Parts are available through the PDCs. See Table 1.

Parts Required						
Part Number	Description	Qty.				
A22-72329-000	SUPT-BRACE, FAIRING, DAYCAB	2				
23-12716-725	SCREW-MACH, M8 X 1.25, 25 MM, SST	6				
23-10900-032	WASHER-FLAT, SST, 5/16	6				

Table 1, Parts Required

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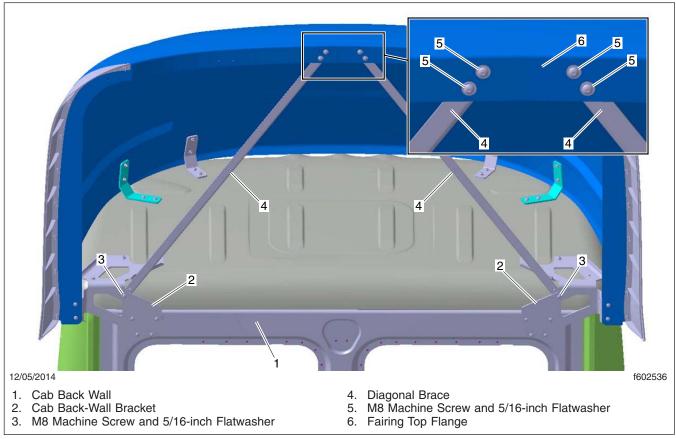


Fig. 3, Double-Diagonal Brace Installation

## 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.

Normal warranty applies. See **Table 2** for OWL VMRS codes and labor allowance information. Enter this service bulletin number in the *Service Bulletin #* field.

OWL VMRS Codes and Labor Allowance							
Primary Failed Part	Component Code	Cause Code	e Code SRT Code Description T		Time: Hours		
22-72005-000	004-001-027	12	784-5000A	STRUT, ROOF FAIRING, REPLACE WITH TWO BRACES	2.0		

Table 2,	OWL	VMRS	Codes	and	Labor	Allowance
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