

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**

General Information

On some Cascadia vehicles built with full-length chassis side fairings, the rear quarter fenders may crack at the fender mounting. A steel reinforcement is available to improve the durability of the quarter fender mounting. See **Fig. 1**. When replacing a rear quarter fender, it is recommended that the additional steel reinforcements also be installed.

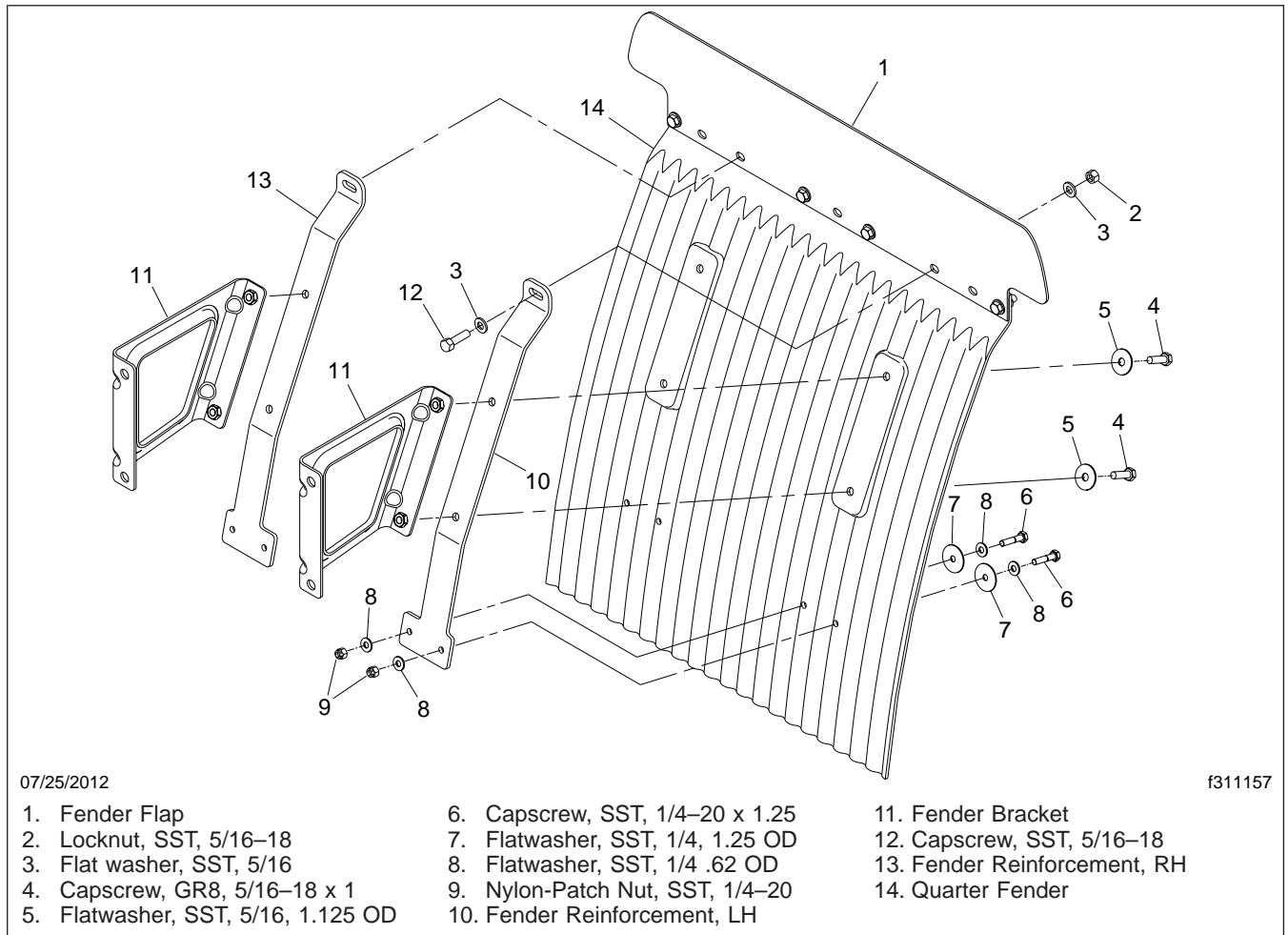


Fig. 1, Quarter Fender Reinforcement Installation

Parts

Parts are available from the PDCs. See **Table 1**.

Quarter Fender Reinforcement Parts		
Part Number	Description	Quantity
22-69581-000	Fender Reinforcement, LH	1 per side
22-69581-001	Fender Reinforcement, RH	1 per side
23-09426-202	Flatwasher, SST, 1/4, 1.25 OD	4 per side

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Quarter Fender Reinforcement Parts		
Part Number	Description	Quantity
23-10900-025	Flatwasher, SST, 1/4 .62 OD	8 per side
23-09432-125	Capscrew, SST, 1/4-20 x 1.25	4 per side
23-11600-100	Nylon-Patch Nut, SST, 1/4-20	4 per side

Table 1, Quarter Fender Reinforcement Parts

Installation

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
2. Remove the damaged quarter fender from the mounting brackets.
3. Remove the fender flap from the damaged quarter fender.
4. Install the fender flap on the new quarter fender, leaving empty the two holes where the reinforcements will attach. Tighten the fasteners 6 to 8 lbf-ft (8 to 11 N-m).
5. Position the quarter fender reinforcements on the new quarter fender. The longer toe of each reinforcement should point inward. See [Fig. 1](#) for orientation. Attach each reinforcement to the top of the fender at the fender flap and hand-tighten the fasteners.
6. Insert the mounting bracket fasteners into the fender and the middle of each reinforcement to keep the reinforcements properly positioned.
7. Using the bottom holes in the reinforcements as guides, drill four holes into the quarter fender using a 1/4-inch bit. While drilling, pay close attention to positioning to ensure the holes are at the tops of the fender ridges.

IMPORTANT: Do not tighten more than the specified torque or the fastener may distort or damage the quarter fenders.

8. Install the fasteners with the 1.25 OD washers touching the quarter fender plastic, and the .62 OD washers between the larger washers and the capscrew head. Install the bracket-side nuts with .62 OD washers. See [Fig. 1](#). Tighten the fasteners 4 to 6 lbf-ft (5.5 to 8 N-m).
9. Tighten the two top fasteners 6 to 8 lbf-ft (8 to 11 N-m).
10. Install the quarter fender assembly onto the mounting bracket, and tighten the mounting fasteners 6 to 8 lbf-ft (8 to 11 N-m).

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 QuickClaim damage code and labor allowance information. Refer to this service bulletin by number at the beginning of the claim comments. See [Table 3](#) for OWL VMRS codes and labor allowance information. Enter this service bulletin number in the *Service Bulletin #:* field.

Quarter Fender Reinforcement

31-30

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QuickClaim Damage Code and Labor Allowance			
Damage Code	SRT Code	Description	Time: Hours
583-003A01130	583-5010A	QUARTER FENDER, REINFORCEMENT, ADDING BRACKETS (SB31-30)	0.3

Table 2, QuickClaim Damage Code and Labor Allowance

OWL VMRS Codes and Labor Allowance					
Primary Failed Part	Component Code	Cause Code	SRT Code	Description	Time: Hours
22-61145-000	004-005-017	12	583-5010A	QUARTER FENDER, REINFORCEMENT, ADDING BRACKETS (SB31-30)	0.3

Table 3, OWL VMRS Codes and Labor Allowance