

Door Frame Cracking at Door Check Mounting Location

60-150

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

Some Century Class, Columbia, and Coronado vehicles may develop cracks on the driver-side door frame at the door check mounting area, due to vehicle age and use. See [Fig. 1](#). If cracks are present at the door check mounting location, use the procedure below to repair the door frame.

Parts

Parts are available through the PDCs. See [Table 1](#).

Parts		
Part Number	Description	Qty.
MGI 61961	Door Jamb Patch	1
23-12277-150	Screw—Machine, 5/16–18 x 1.5, Panhead, Internal Torx	2
purchase locally	Urethane Adhesive	as needed

Table 1, Parts

Procedure

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
2. Remove the driver-side lower interior A-pillar cover.
3. Pull the door check seal off the door check hinge pivot. See [Fig. 2](#).



Fig. 1, Example of Door Frame Cracking

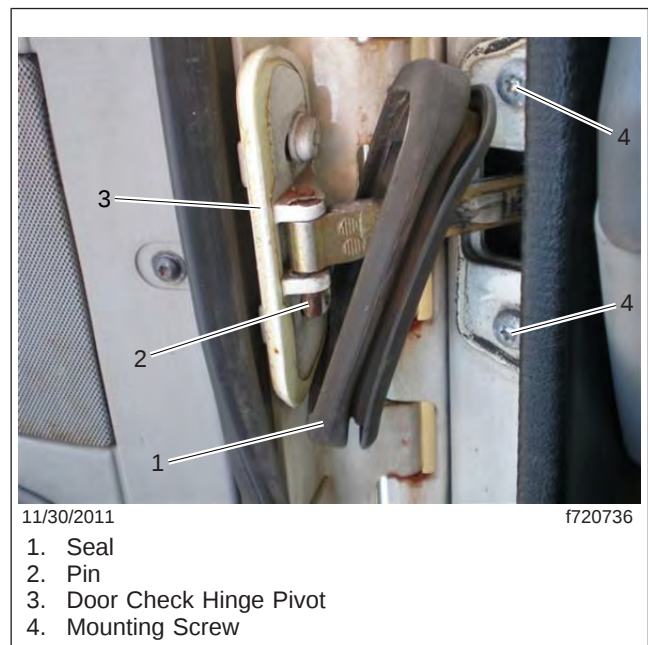


Fig. 2, Door Check Installation

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NOTICE

When removing the pin from the door check hinge pivot, use care not to damage the ears on the casting. Hold the door to keep it from swinging out and possibly causing damage to the vehicle or the door.

4. Remove the pin from the door check hinge pivot. Ensure that the door does not swing out when the pin is removed.
5. While holding the door check with your free hand to keep it from falling inside the A-pillar, remove and discard the two mounting screws that attach the door check to the cab.
6. Reach through the interior A-pillar opening and remove the door check assembly.
7. Inspect the door check assembly for damage. If the retaining pin on the cab side is bent or pulled into the rubber bumper (**Fig. 3**), replace the door check assembly.

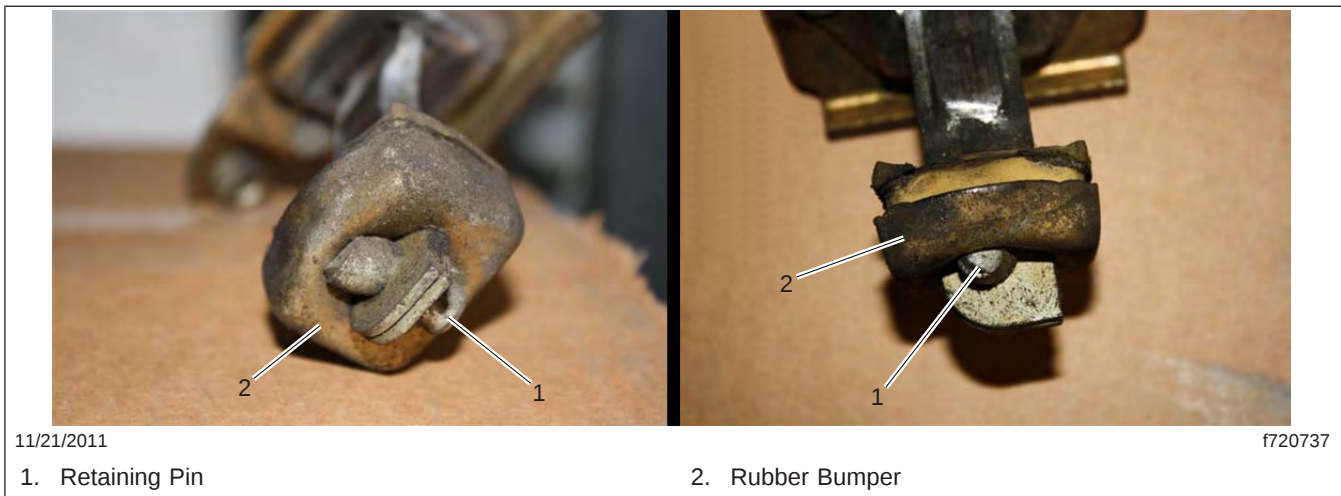


Fig. 3, Example of Damaged Retaining Pin and Rubber Bumper

8. Grind the door check mounting area down to bare metal. See **Fig. 4**.
9. Using a drill and a 1/8-inch (3-mm) drill bit, drill holes at each end the crack to prevent the crack from extending.
10. Apply urethane adhesive to the bare metal. See **Fig. 5**.
11. Insert the door check assembly through the interior A-pillar opening. Secure it so it will stay in place without falling inside the A-pillar.
12. Position the door jamb patch plate on the door frame. The side with the sharper curve should be facing outboard, with the edge facing forward. On the top and bottom edges, the longer segment should be on the inboard side of the plate. See **Fig. 6**.
13. Using two screws (23-12277-150), secure the plate, door frame, and door check assembly together. See **Fig. 7**.
14. Install the door check seal.
15. Install the lower interior A-pillar cover.
16. Paint and finish the door jamb patch plate and surrounding area as needed.

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11/18/2011

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- A. Grind the door check mounting area down to bare metal.
- B. Drill 1/8-inch holes at each end of the crack.

Fig. 4, Preparing the Door Check Mounting Area



11/21/2011

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Fig. 5, Applying Urethane Adhesive

17. Using the pin, connect the door check to the door.

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.

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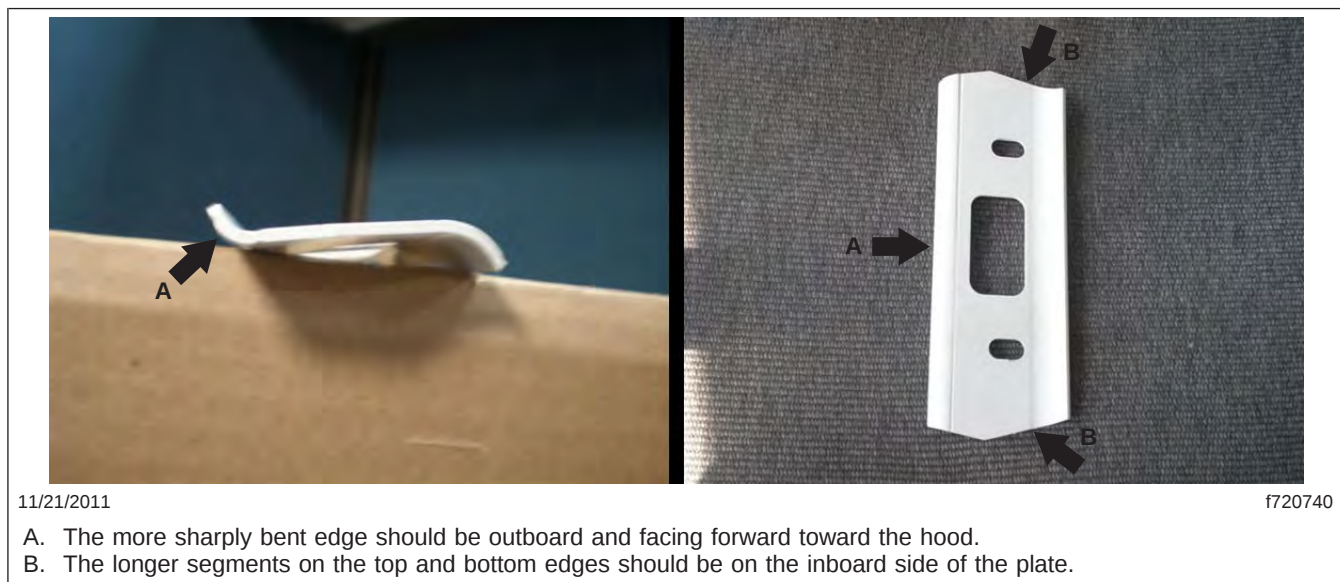


Fig. 6, Door Jamb Patch Plate

QuickClaim Damage Code and Labor Allowance			
Damage Code	SRT Code	Description	Time: Hours
653-001560160	653-5015A	DOOR CHECK, CAB, REINFORCE	0.7

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
A18-42188-000	002-015-028	14	653-5015A	DOOR CHECK, CAB, REINFORCE	0.7

Table 3, OWL VMRS Codes and Labor Allowance

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Fig. 7, Door Jamb Patch Plate Installed