

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
> New Cascadia

**Freightliner
Service Bulletin**

General Information

On some New Cascadia vehicles, the rain tray can warp and leave gaps, which can allow water to get past the seal and leak down the front wall. From March 21, 2018, foam tape has been installed between the rain tray and the nosebeam to prevent water leaks. On vehicles built before March 21, 2018, if water is found to get past the rain tray, use the procedure in this bulletin to install the foam tape.

Parts

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

Parts		
Part Number	Description	Qty.
18-72411-000	1/2" Wide X 1/8" Thick X 78-3/4" Long Closed-Cell Foam Tape	1

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. Make sure that the wiper blades are parked. If necessary, park them by turning the wiper switch on and then off with the ignition key in the "ON" position.

NOTE: There are index marks on the windshield to show the location when the wiper blades are correctly parked.

3. Open the hood.
4. Remove each wiper arm, as follows:
 - 4.1 Disconnect the wiper motor electrical connector. See [Fig. 1](#). Gently pry the locking clip up, and pull the connector out.

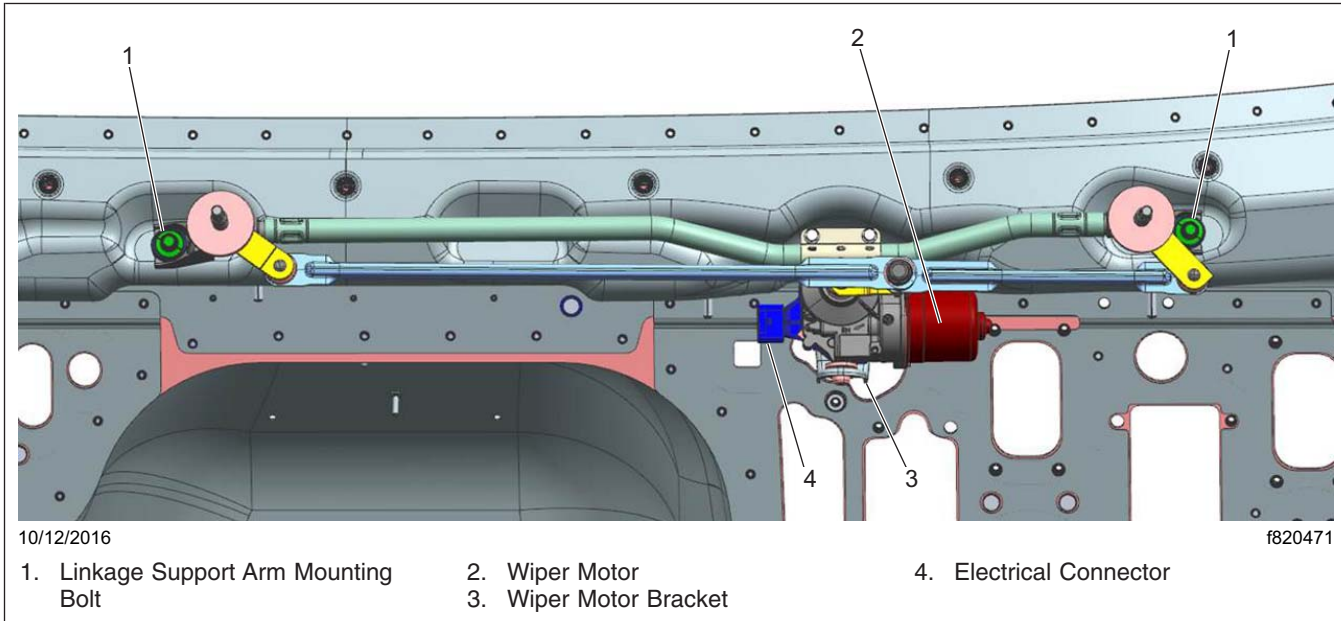
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Fig. 1, Windshield Wiper Assembly

- 4.2 Remove the wiper arm nut. See Fig. 2.

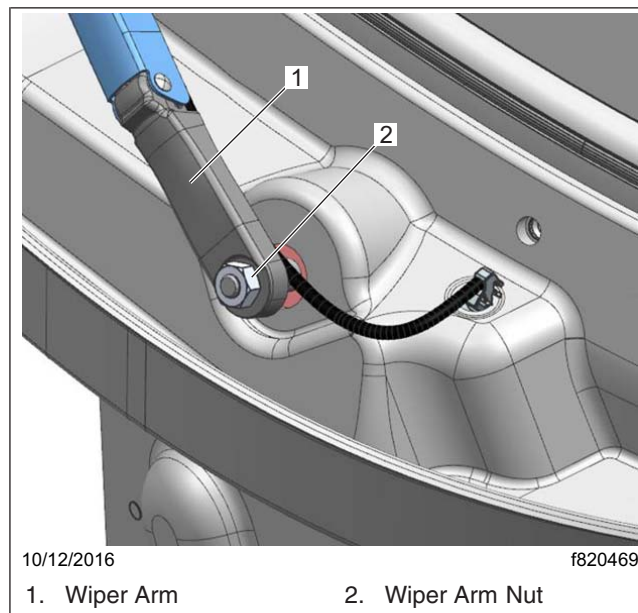


Fig. 2, Wiper Arm Installation

- 4.3 Using a wiper arm puller tool, remove the wiper arm from the drive shaft.
5. Remove the fasteners that attach the HVAC fresh air intake to the bottom of the rain tray. See Fig. 3.

Water Leaks Between Rain Tray and Nosebeam, New Cascadia

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Fig. 3, HVAC Air Intake Fasteners

6. On the passenger side, remove the screws that attach the cowl panel to the end of the rain tray and the hood support.
7. Remove the screws that attach the rain tray to the cab front wall.
8. On the passenger side of the vehicle, pull the cowl outboard and remove the rain tray.
9. Apply foam tape to the nosebeam as shown in [Fig. 4](#) and [Fig. 5](#). Align the tape along the tops of the nosebeam nutserts, extending 2-3/8 in (60 mm) outboard of the outboard nutserts on both sides of the vehicle.

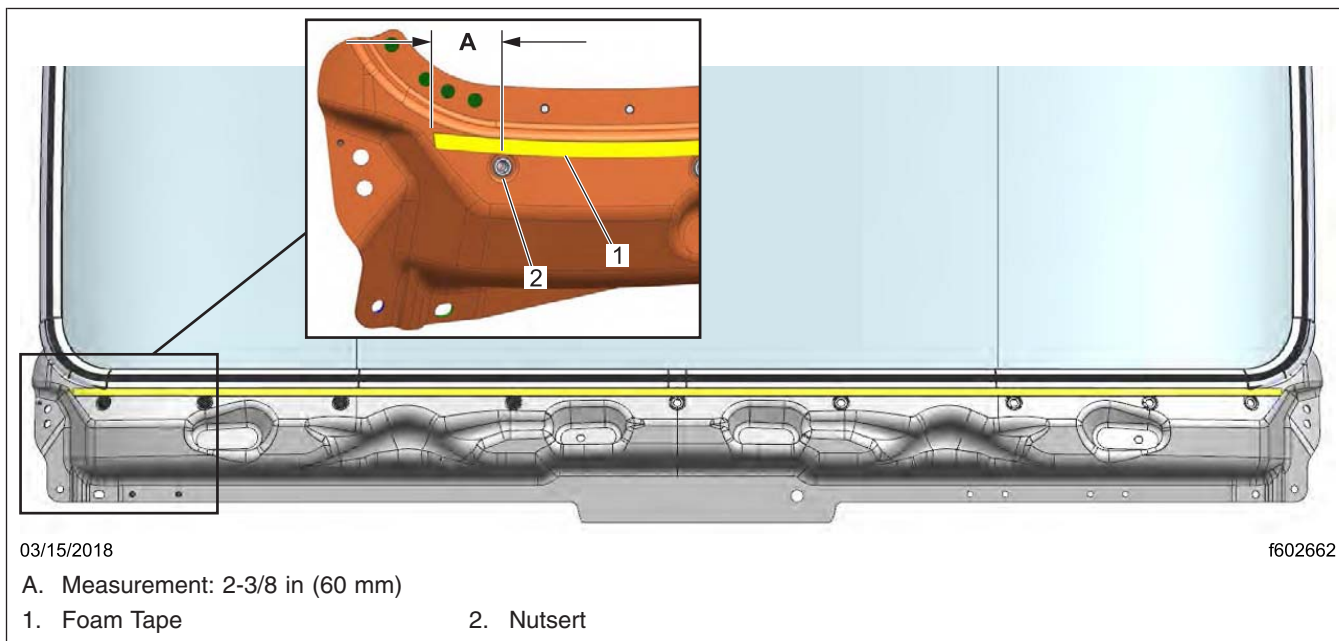
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Fig. 4, Foam Tape Application

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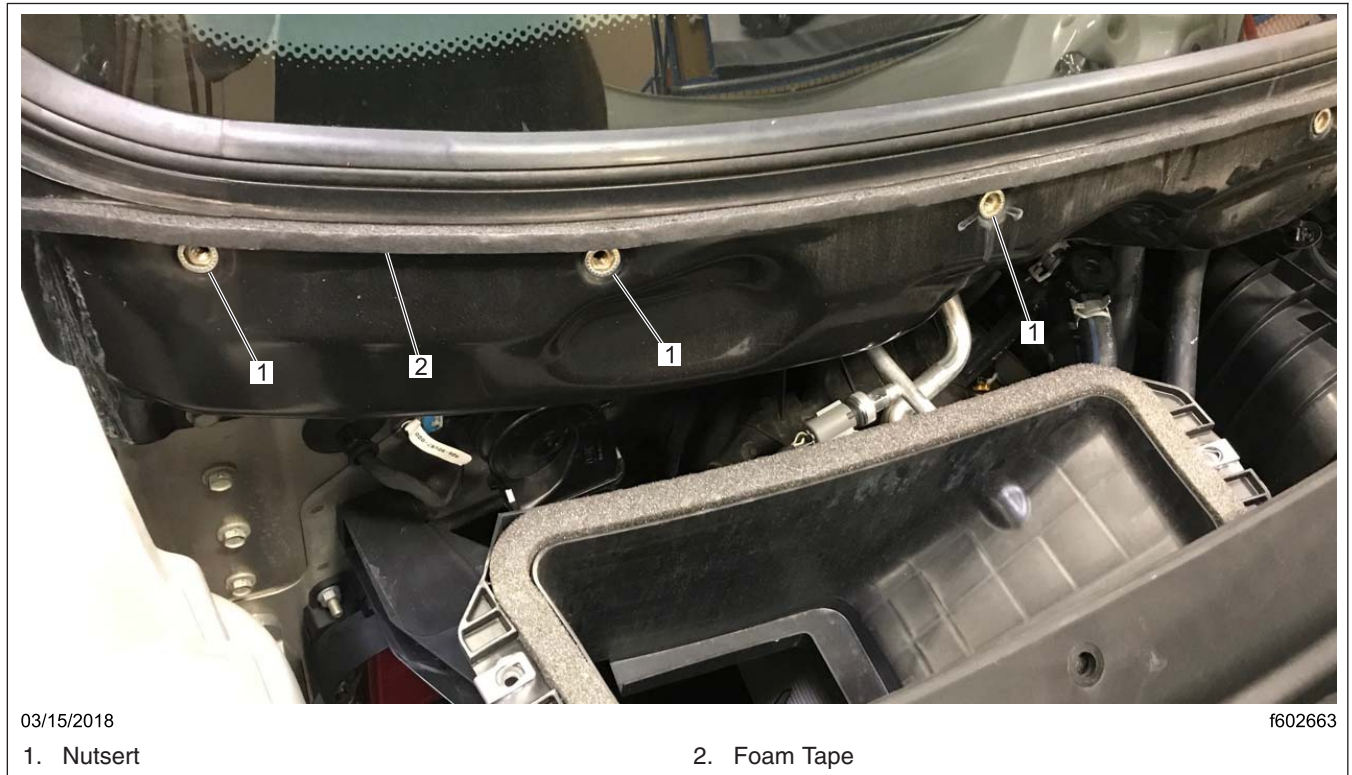


Fig. 5, Foam Tape Installed

NOTE: Replace the seal between the rain tray and the cab if damaged during removal of the rain tray.

10. Position the rain tray over the HVAC fresh air intake and the windshield wiper posts.
11. Install the center screw, then install the remaining screws from inboard to outboard. Tighten the screws 8 to 12 lbf-ft (11 to 16 N·m).
12. On the passenger side, install the screws that attach the cowl panel to the end of the rain tray and the hood support. Tighten the screws 4 to 6 lbf-ft (6 to 8 N·m).
13. Install the fasteners that attach the HVAC fresh air intake to the bottom of the rain tray.
14. Install the wiper arms, as follows:
 - 14.1 Install the wiper arms in the parked position so they are aligned with the index marks on the windshield, and install the wiper arm nuts hand tight.
 - 14.2 Verify that the wiper blades are in the correct location, then tighten the nuts 22 lbf-ft (30 N·m).
 - 14.3 Connect the wiper motor electrical connector.

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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	SRT Code	Description	Time: Hours
A18-68985-000	002-005-015	18	828-5000	RAIN TRAY, ONE-PIECE, RESEAL	0.6

Table 2, OWL VMRS Codes and Labor Allowance