

FLA COE
FLB COE
FLD Conventional
Business Class
FLC 112 Conventional

Century Class Conventional
Argosy
Cargo
Columbia
122SD and Coronado

Business Class M2
Cascadia
108SD/114SD
> New Cascadia

**Freightliner
Service Bulletin**

Description of revisions: *This bulletin replaces the version dated June 17, 2019. A procedure has been added for inspection, repair, and replacement of damaged or spun rivet nuts.*

General Information

On November 14, 2016, the New Cascadia marker light was changed in production to include an adhesive gasket. On some New Cascadia vehicles built before November 14, 2016, water may intrude into the cab through the marker light gasket. If a leak is detected in a vehicle built before that date, install new peel-and-stick adhesive gaskets on all five marker lights; see [Fig. 1](#).

NOTE: The roof marker lights may collect moisture between certain portions of the lens and the gasket. This is completely normal and does not constitute a warrantable failure. Only the part of the lens which contains the electronics, in the center of the marker light, is sealed from the elements. See [Fig. 2](#).



Fig. 1, Marker Light with Peel-and-Stick Adhesive Gasket

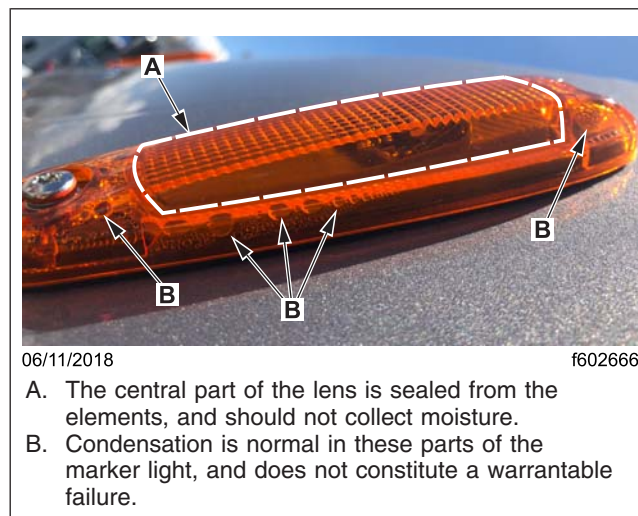


Fig. 2, Condensation in Marker Light

A. The central part of the lens is sealed from the elements, and should not collect moisture.
B. Condensation is normal in these parts of the marker light, and does not constitute a warrantable failure.

Parts

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

Parts		
Part Number	Description	Qty.
66-10709-000	GASKET—MARKER LAMP, SERVICE, P4	5

Table 1, Parts

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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NOTICE

DO NOT remove or replace a marker light unless it has been confirmed to leak by using the cab pressure test with a soapy solution, and found bubbles coming from around the light. Refer to Section 60.05, Subject 100 of the *New Cascadia™ Workshop Manual* for instructions on leak testing. If there are no bubbles, look elsewhere for the water leak. Refer to SB 60-167 - *Draining Water Trapped in the Upper A-Pillar* for instructions.

2. Remove the two screws that attach the marker light to the cab roof. The marker light will be reused.
3. Remove the old gasket and save it if filing a warranty claim.

NOTE: When a marker light is removed, the gasket will be damaged and cannot be reused.

NOTICE

Marker light water leaks may be caused by incorrectly installed, cross-threaded, spun, or otherwise damaged rivet nuts. Leaks may occur around the rivet nut, or under the marker light gasket, as a damaged rivet nut may not be able to compress the gasket against the cab surface.

4. Inspect the rivet nuts for damage, and if necessary, refer to **Section 60.05, Subject 150** of the *New Cascadia™ Workshop Manual* for replacement procedures.
5. Peel the paper from the film adhesive on the lamp-facing side of the new gasket, and install it on the marker light.

NOTICE

Do not use alcohol or solvents to clean the surfaces or to remove excessive sealant. Alcohol and solvents will damage the marker light lens and can cause the lamp to crack.

6. Scrape any remaining sealant or gasket material from the cab surface, then using soapy water, clean the cab roof where the marker light will be installed.
7. Make sure the cleaned surfaces are dry, then peel the backing off the roof side of the marker light gasket.
8. Place and align the marker light and gasket on the roof.

NOTICE

Do not over-tighten the marker light mounting screws. This may cause the rivet nuts to spin out.

9. To install the marker light, hand tighten the two screws that secure the marker light to the cab surface. Then, tighten the screws 31 ± 4.4 lbf-in (350 ± 50 N-cm).

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.

Marker Light Gasket Leaks, New Cascadia

60-164

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OWL VMRS Codes and Labor Allowance					
Primary Failed Part	Component Code	Cause Code	SRT Code	Description	Time: Hours
66-10709-000	034-004-021	18	302-5003A	GASKET--MARKER LAMP, R/R ALL 5 WITH NEW GASKET	0.7

Table 2, OWL VMRS Codes and Labor Allowance

