

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 2/26/2020. Information about **Service Bulletin 54-336** has been added.*

## Fuse Location and Labeling for the MPC2 and Lane Guidance Systems

If equipped with Detroit Assurance 5.0, New Cascadia vehicles built from September 9, 2019 through August 23, 2020, come equipped with a multi-purpose camera 2 (MPC2) wired into an LVD power supply, fuse 14 (F14). This created an active fault code when house loads were disconnected.

In addition, the vehicle power distribution module (VPDM) inside cover illustration in these vehicles had the following generic description for fuse 14: F14-POWER FEED OUTPUT 5, BAT.<sup>1</sup> It might also be labeled: F14-EXP FUSE 7/LANE DEP/GUIDANCE, BAT.<sup>2</sup>

Explanation of the active fault code and instructions for moving the MPC2 power supply to fuse 35 (F35) are contained in **Service Bulletin 54-336**. That work includes installing a new VPDM cover. If this work has been done on the vehicle, this bulletin does not apply.

In addition, fuse 63 (F63) is not labeled as optional on this version of the VPDM inside cover illustration. Fuse 63 is used for lane guidance systems other than Detroit Assurance 5.0. These descriptions have been causing confusion when troubleshooting Detroit Assurance 5.0 Lane Detection Warning fault codes.

To clarify fuse uses and locations related to collision mitigation systems, module 73F, see [Table 1](#) and [Table 2](#).

Collision Mitigation System Fuse Locations		
Collision Mitigation Systems	BAT FUSE Position	IGN FUSE Position
MPC2 (Detroit Assurance 5.0) built prior to August 25, 2020	F14	—
MPC2 (Detroit Assurance 5.0) built after August 24, 2020	F35	—
Bendix LDW only	F65	F63
Bendix LDW plus Safety Direct	F65	F63
Wabco Pre-Wire	—	F63
MPC1 (Detroit Assurance 4.0 and earlier)	—	F63

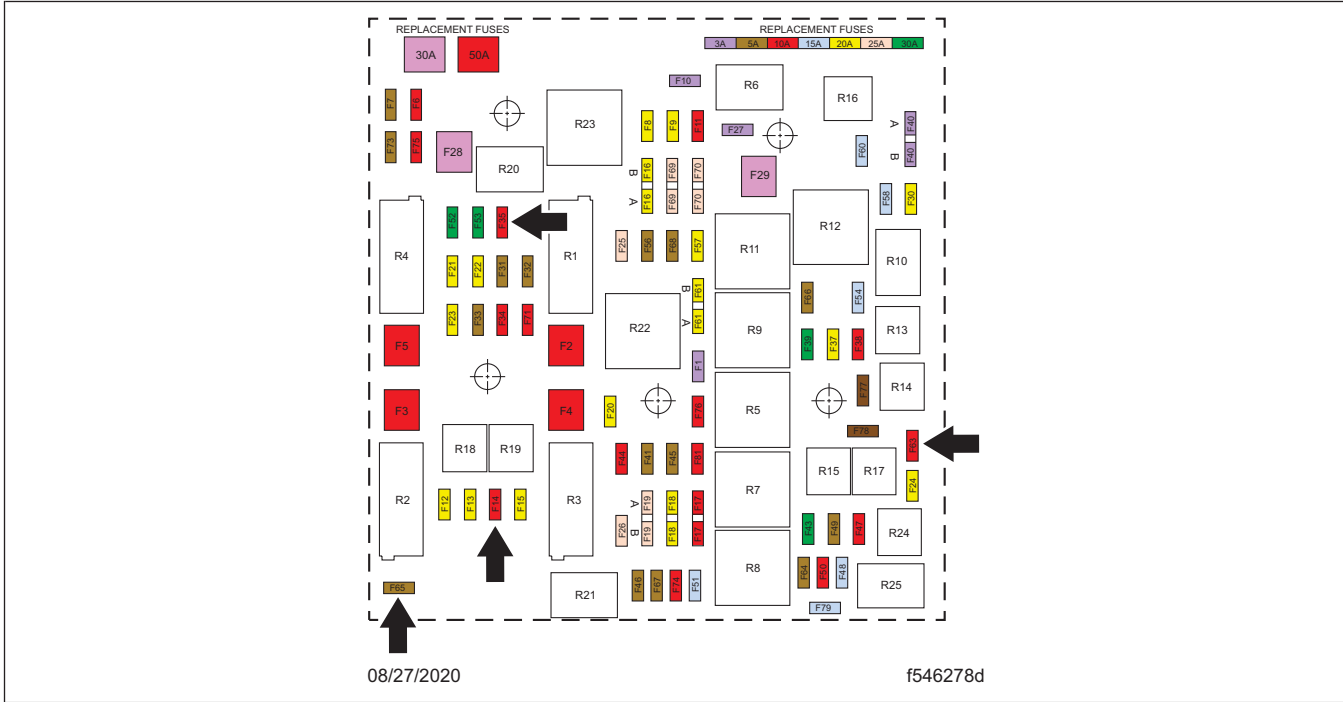
**Table 1, Collision Mitigation System Fuse Locations**

Fuse/Circuit Breaker Ratings by Location for Module 73F Requirements		
Fuse Position	Location	Rating
F14	J5-D2	10A
F35	J5-D12	10A
F63	J7-F5	10A
F65	J7-B2	5A

**Table 2, Fuse/Circuit Breaker Ratings by Location for Module 73F Requirements**

For general reference purposes, see the color coded reproduction of the September 9, 2019 to August 23, 2020 VPDM inside cover illustration, shown in [Fig. 1](#).

<sup>1</sup> If the vehicle is not equipped with Detroit Assurance 5.0, this fuse may be used for other purposes.  
<sup>2</sup> The phrase "EXP FUSE 7" as part of the name for F14 might be confusing. Technicians are advised to ignore this part of the name.



**Fig. 1, Fuse Locations for F14, F35, F63, F65 on VPDM Inside Cover Illustration**

## Warranty

This is an informational bulletin only. Warranty does not apply.