

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**

Electrical Wall Chart and VPDM Cover Labeling

If equipped with Detroit Assurance 5.0, New Cascadia vehicles built starting September 9, 2019 come equipped with a multi-purpose camera 2 (MPC2).

The diagram on the VPDM inside cover on New Cascadia vehicles built starting September 9, 2019 has a generic description for fuse F14: F14-POWER FEED OUTPUT 5, BAT.

If equipped with Detroit Assurance 5.0 and a MPC2 camera, Fuse F14 is the fuse used for the MPC2 camera. (If the vehicle is not equipped with Detroit Assurance 5.0, the fuse may be used for other purposes.) In the future fuse F14 will be labeled: F14-EXP FUSE 7/LANE DEP/GUIDANCE, BAT.¹

Fuse F63 is not labeled as optional on the VPDM inside cover. Fuse F63 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 module 73F, please see [Table 1](#) and [Table 2](#) below.

Collision Mitigation System Fuse Locations		
Collision Mitigation Systems	BAT FUSE Position	IGN FUSE Position
MPC2 (Detroit Assurance 5.0)	F14	-
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 Position	Location	Rating
F14	J5-D2	10A
F63	J7-F5	10A
F65	J7-B2	5A

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

For reference purposes, see the color coded reproduction of the current VPDM inside cover diagram, [Fig. 1](#).

¹ We realize the phrase "EXP FUSE 7" as part of the name for fuse F14 is confusing. Technicians are advised to ignore this part of the name.

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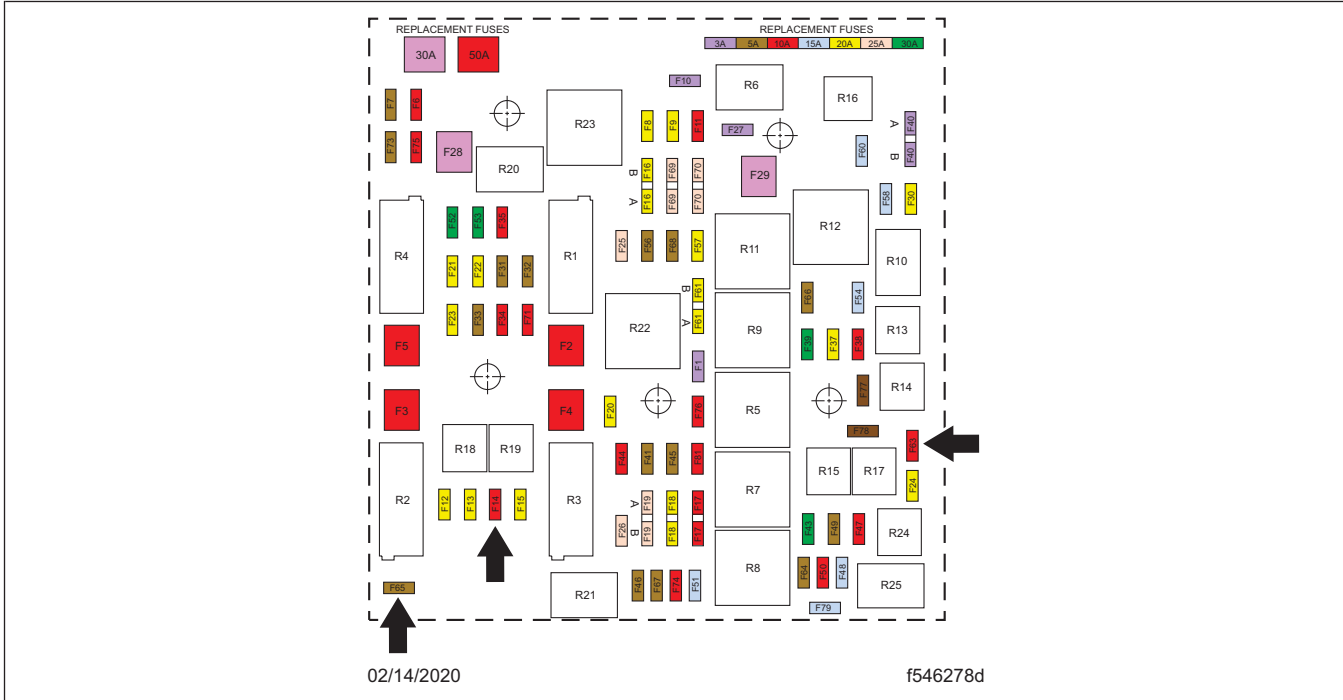


Fig. 1, Fuse Locations for F65, F14, F63 on VPDM Inside Cover Diagram

Both the New Cascadia VPDM Pin Layout wall chart and the VPDM inside cover diagram will be updated in the near future. They will be available in the *New Cascadia Electrical Systems and Troubleshooting Manual*, Group 4, System Diagrams.

Warranty

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