

Optimized Idle and Auxiliary Cab Heater Concurrent Operation

83-144

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

Description of Revisions: *This bulletin replaces the version dated May 2012. The opening IMPORTANT was added. Information on vehicles manufactured after June 7, 2012 was added. Also, "...and the controller is not subject to SAM Cab PLVD." was added.*

General Information

IMPORTANT: This procedure is only to be performed on vehicles with Espar Airtronic auxiliary cab heaters.

Cascadia vehicles manufactured after August 2, 2010 and equipped with sleeper cabs, Optimized Idle, and an Espar Airtronic auxiliary cab heater were not originally designed to allow the optimized idle and the auxiliary cab heater to operate at the same time.

Vehicles manufactured before June 7, 2012 can be reconfigured to allow both systems to operate at the same time by relocating the wire in the SAM Cab pin X2/1 position to the X9/4 position.

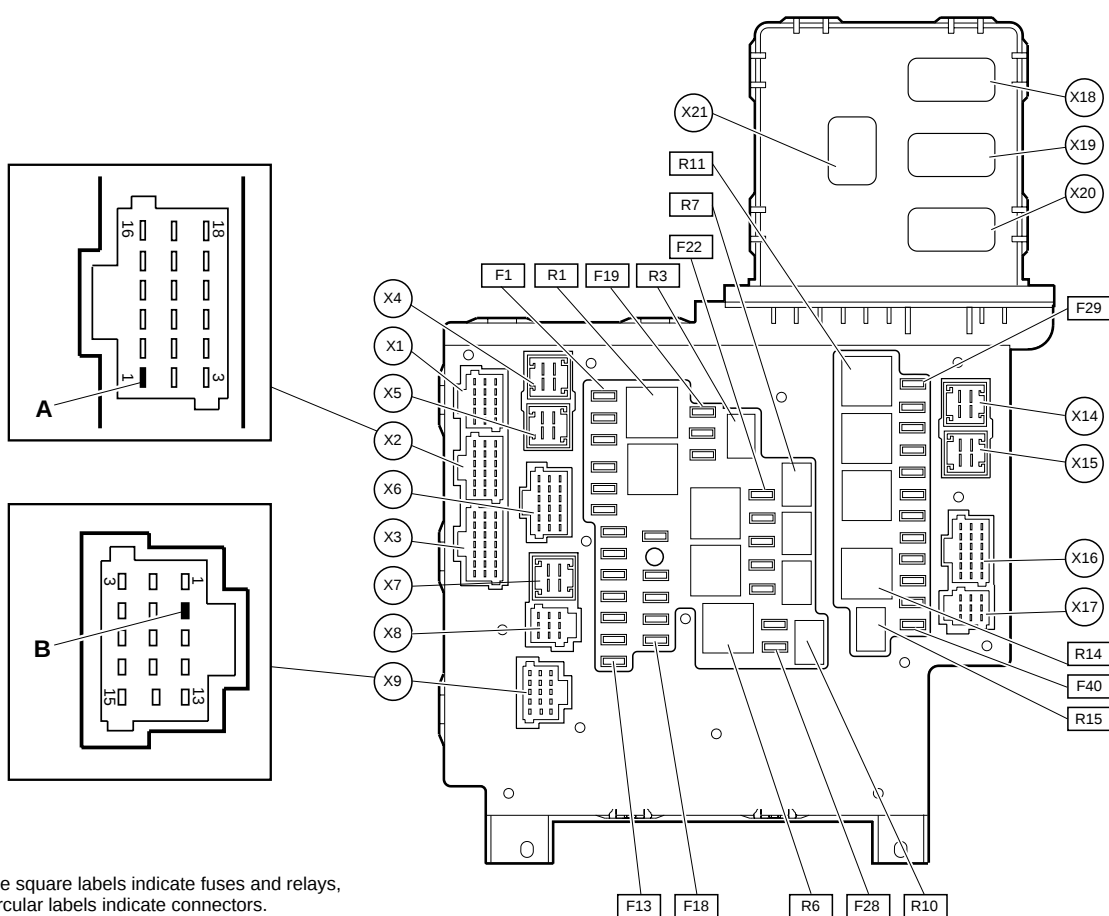
Vehicles manufactured from June 7, 2012 can be ordered with the connector in either SAM Cab X2/1 or optionally in SAM Cab X13/1. To verify which SAM Cab pin location the connector is in, access the G06 drawing using BOM 70C (Wiring - HVAC, AUX). Once this is determined, reconfigure it to allow both systems to operate at the same time by relocating the wire to the X9/4 position.

See [Fig. 1](#) for SAM Cab pin X2/1 and X9/4 connector locations, and [Fig. 2](#) for SAM Cab X13/1 connector location.

With the wire in the X9/4 position, the auxiliary cab heater will only operate with the park brake set and the controller is not subject to SAM Cab PLVD.

Warranty

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

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NOTE: The square labels indicate fuses and relays,
and the circular labels indicate connectors.

03/30/2012

Move the wire from the X2/1 position (A) to the X9/4 position (B).

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Fig. 1, SAM Cab (bottom view)

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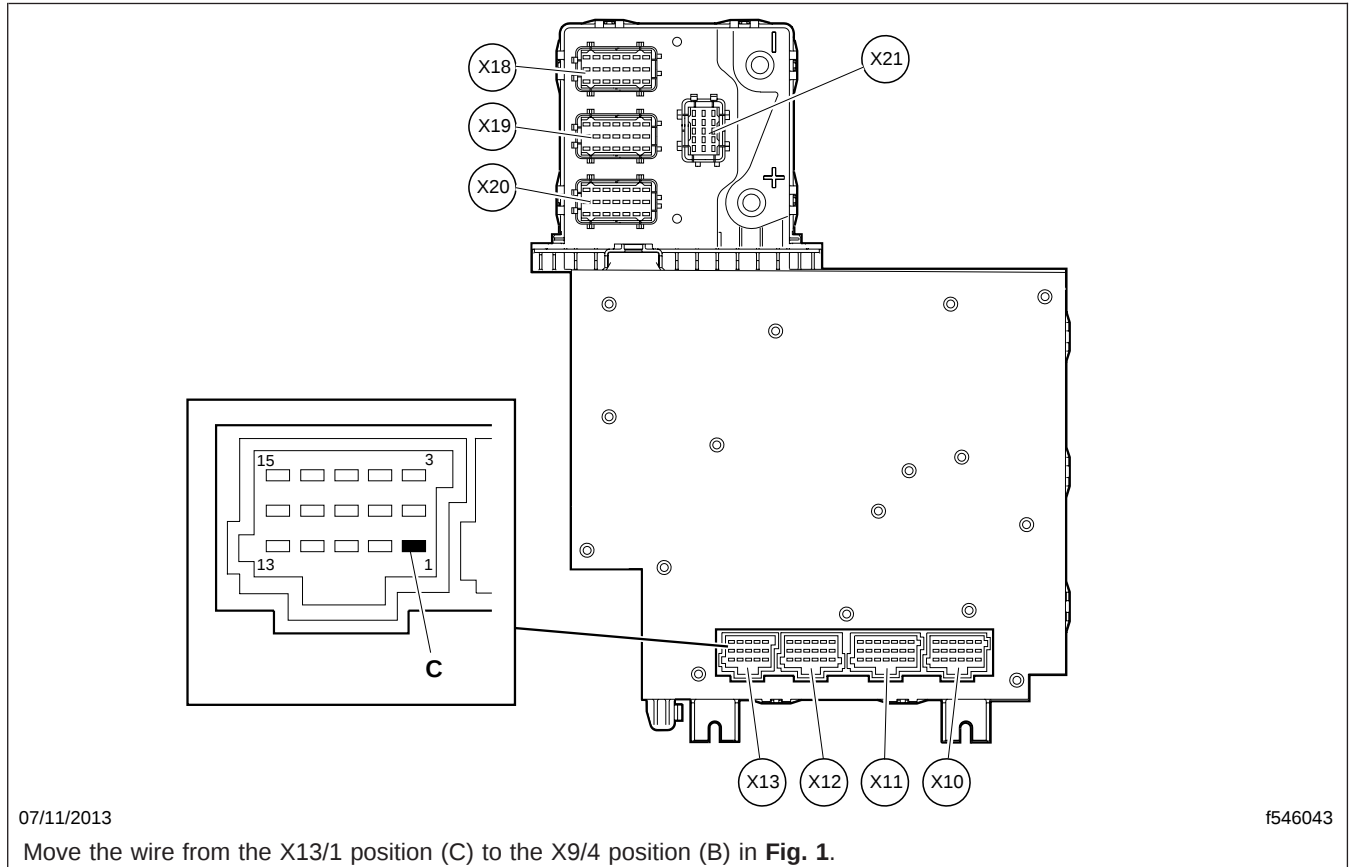


Fig. 2, SAM Cab (top view)