

FLA COE
FLB COE
> FLD Conventional
Business Class

FLC 112 Conventional
> Century Class Conventional
Argosy COE
Cargo

> Columbia
> Coronado
> Business Class M2
> Cascadia

**Freightliner
Service Bulletin**

Description of Revision: *This bulletin replaces the version dated August 2008. Business Class M2 is added to the model list.*

General Information

The fuses in the MEGA® Fuse Junction Block may break due to physical stress coupled with vehicle vibrations from road and drivetrain forces. The result is sudden or intermittent loss of engine or vehicle electrical power. The vehicle may then restart and drive normally. This breakage occurs inside the sealed case of the fuse, and so is not visible. The MEGA Fuses may also pass a continuity test with an ohmmeter. The basic event is sudden loss of electrical power with no apparent cause.

The remedy for this issue is to replace the existing MEGA Fuses with ones that are staked at each corner. See [Fig. 1](#).

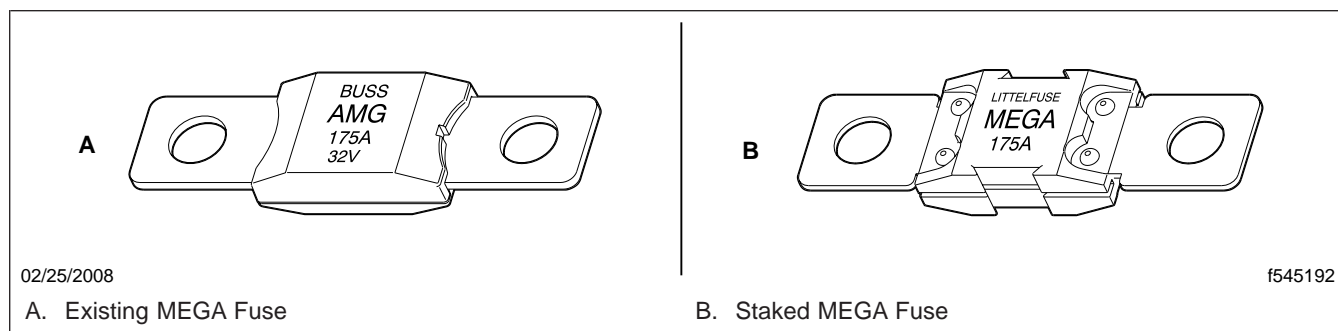


Fig. 1, MEGA Fuses

Parts Required

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

Parts Required		
Part Number	Description	Qty.
LF 298125Z	MEGA Fuse, Staked, 125-Amp	As Needed
LF 298175Z	MEGA Fuse, Staked, 175-Amp	As Needed
LF 298200Z	MEGA Fuse, Staked, 200-Amp	As Needed
23-09336-007	Hexnut, CLRLK, 5/16-18	As Needed
23-10900-031	Flatwasher, SST, 5/16"	As Needed

Table 1, Parts Required

Replacing the Mega Fuses

1. Shut down the engine, set the parking brakes, and chock the tires.
2. Disconnect the batteries at the negative terminals.
3. Locate the Mega Fuse Junction Block. On business class M2 vehicles, the Mega Fuse Block is typically located inside the battery box. See [Fig. 2](#).

NOTE: On Century Class vehicles with side fairings, you can reach the Mega Fuses through the fuel-access door, using a long extension bar and a flexible socket.

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4. Replace each MEGA Fuse one at a time, as follows. See **Fig. 3**.

- 4.1 Remove and discard the fasteners that hold the MEGA Fuse in place. If there is a power cable attached to the terminal, disconnect it.

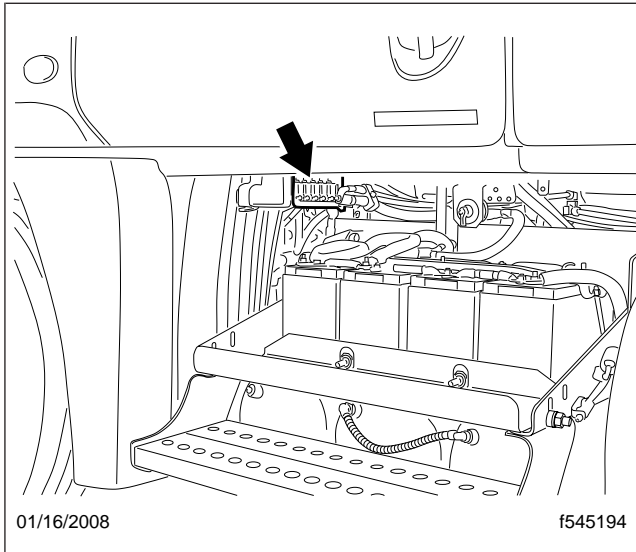


Fig. 2, Location of MEGA Fuses (typical)

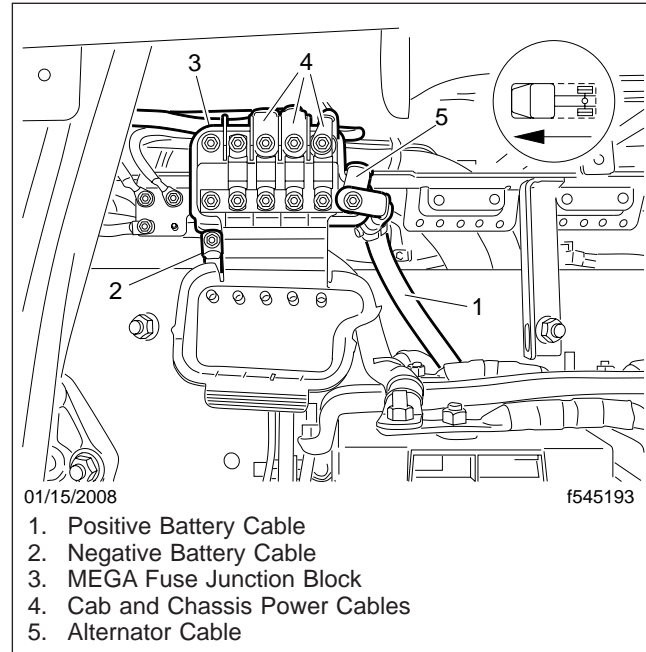


Fig. 3, MEGA Fuse Wiring (typical)

- 4.2 Using a wire brush, remove any corrosion from the terminals.
- 4.3 Install the new MEGA Fuse, then the power cable, if applicable. Make sure the MEGA Fuse is the same amperage as the one removed.
- 4.4 Install the new 5/16-inch stainless steel flatwasher, a 5/16–18 stainless steel hexnut with a nylon-patch locking feature, using a small amount of dielectric grease between the nut and the flatwasher.
- 4.5 Hand tighten the hexnut, then clean any excess grease from the contact.
5. On vehicles equipped with a MFJB outside the battery box, disconnect the alternator cable and the positive battery cable from the MEGA Fuse junction-block terminal. Discard the hexnuts and split washers.
6. Using a wire brush, remove all corrosion from the terminal.
7. Using a new stainless steel 5/16-inch flatwasher, a 5/16–18 stainless steel hexnut with a nylon-patch locking feature, and a small amount of dielectric grease between the nut and the flatwasher, connect the alternator cable and the positive battery cable to the junction-block terminal.
8. Using hand tools, tighten all the fasteners 15 lbf·ft (20 N·m).
9. On vehicles where the MFJB is located outside the battery box, place tape over each Mega fuse body. Cover all the electrical contacts on the Mega Fuse junction block with dielectric red enamel. Remove the tape when the dielectric enamel is dry. If the Mega fuses are located inside the battery box, cover them liberally with dielectric grease.
10. Connect the negative battery cables.
11. Make sure all the battery terminals are coated with dielectric grease.

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12. Remove the chocks.

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.

See [Table 2](#) for QuickClaim damage code and labor allowance information. Refer to this service bulletin by number at the beginning of the claim comments.

See [Table 3](#) for OWL VMRS codes and labor allowance information. Enter this service bulletin number in the *Service Bulletin #*: field.

QuickClaim Damage Code and Labor Allowance			
Damage Code	SRT Code	Description	Time: Hours
285-001189982	285-5015A	Fuses, Mega, Clean and Replace	0.5

Table 2, QuickClaim Damage Code and Labor Allowance

OWL VMRS Codes and Labor Allowance				
Component Code	Cause Code	SRT Code	Description	Time: Hours
034-004-009	76	285-5015A	Fuses, Mega, Clean and Replace	0.5

Table 3, OWL VMRS Codes and Labor Allowance