

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](#). Sealing the exposed metal of the MEGA Fuses, mounting studs, and bus bar with dielectric enamel will add protection and prolong the life of the connections.

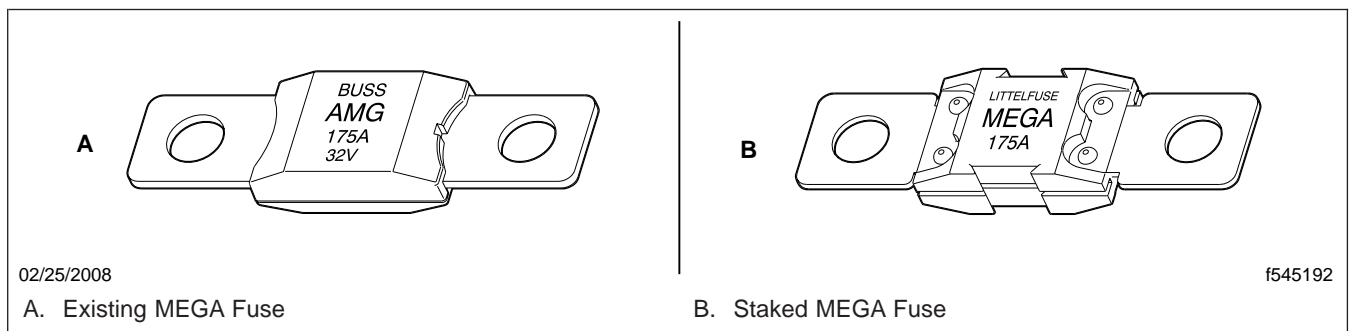


Fig. 1, MEGA Fuses

Parts Required

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

Parts Required		
Part Number	Description	Qty.
LF 298175Z	MEGA Fuse, Staked, 175-Amp	3
23-09336-007	Hexnut, CLRLK, 5/16-18	7
23-10900-031	Flatwasher, SST, 5/16"	7

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. Find the Mega Fuse Junction Block. See [Fig. 2](#).
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.
 - 4.2 Using a wire brush, remove all corrosion from the terminals.
 - 4.3 Install the new MEGA Fuse, then the power cable, if applicable.
 - 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.

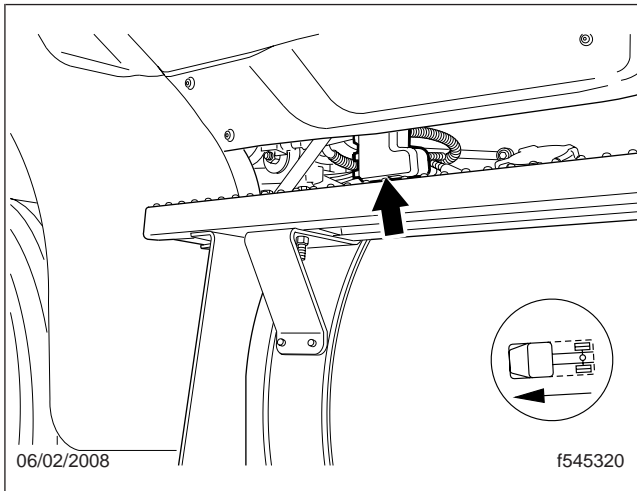


Fig. 2, Location of MEGA Fuses (typical)

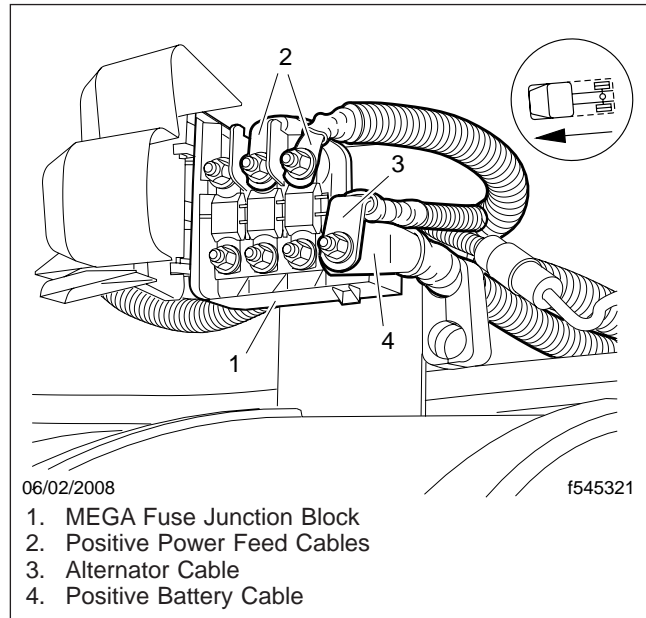


Fig. 3, MEGA Fuse Wiring (typical)

- 4.5 Hand tighten the hexnut, then clean any excess grease from the the contact.
5. 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. Cover all the electrical contacts on the Mega Fuse junction block with dielectric red enamel.
10. Connect the negative battery cables.
11. Make sure all the battery terminals are coated with dielectric grease.
12. Remove the chocks.

Warranty

Normal warranty applies. See [Table 2](#) for damage code and labor allowance information, and refer to this bulletin by number in the story of the claim.

Damage Code and Labor Allowance					
VMRS CK18	VMRS CK33	Damage Code	SRT Code	Description	Time: hours
76	034-004-009	285-001189982	285-5015A	Fuses, MEGA, Clean and Replace	0.5

Table 2, Damage Code and Labor Allowance