

03/15/2023
CAL FTL 54-028

**Subject: Business Class M2 and 108SD/114SD BCA
Fuse Mounting Nuts Torque Inspection**

**Models Affected: Business Class M2 and 108SD/114SD vehicles
built from August 1, 2022, through October 24, 2022.**

Our records indicate that you are the owner of certain M2 106 or 108SD/114SD vehicles and therefore DTNA has decided to share the following documentation with you.

Following a single incident of an overheated fuse with no adverse safety consequence, DTNA and its BCA fuse box supplier identified a suspect population for inspection & torque verification. Out of an abundance of caution, and to expedite an 'exploratory investigation' into the scope of the issue, Daimler Truck has developed this customer advisory letter (CAL) with hopes to confirm the proper installation of these fuses.

Please help with the investigation by following the instructions below and report to us the nut positions of those under required/defined torque.

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Work Instructions

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.

CAUTION:

To avoid injury from electrical shock, use care when connecting battery cables. The magnetic switch studs are at battery voltage.

2. Disconnect the batteries.
3. Turn OFF the battery disconnect switch, if so equipped. See [Fig. 1](#), [Fig. 2](#), and [Fig. 3](#).
4. Open the hood.



Fig. 1, Battery Disconnect Switch under the Driver's Seat

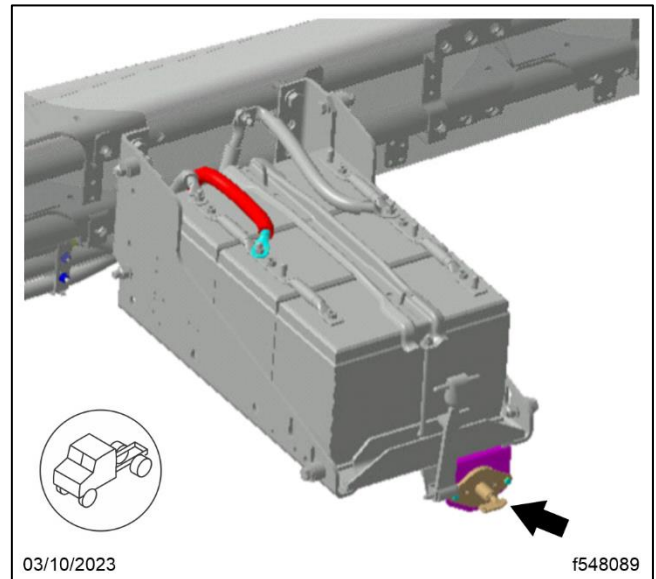


Fig. 2, Battery Disconnect Switch at the Battery Box

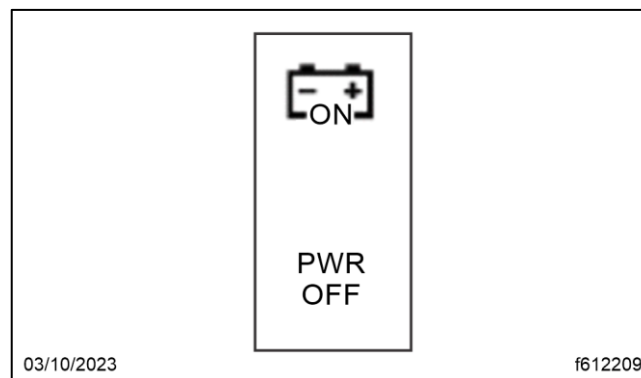


Fig. 3, Smart Battery Disconnect Switch at the Dash Panel

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5. Inspect the BCA torque fuse as follows.
 - 5.1. Locate the BCA fuses on the driver's side of the engine bay. See [Fig. 4](#).

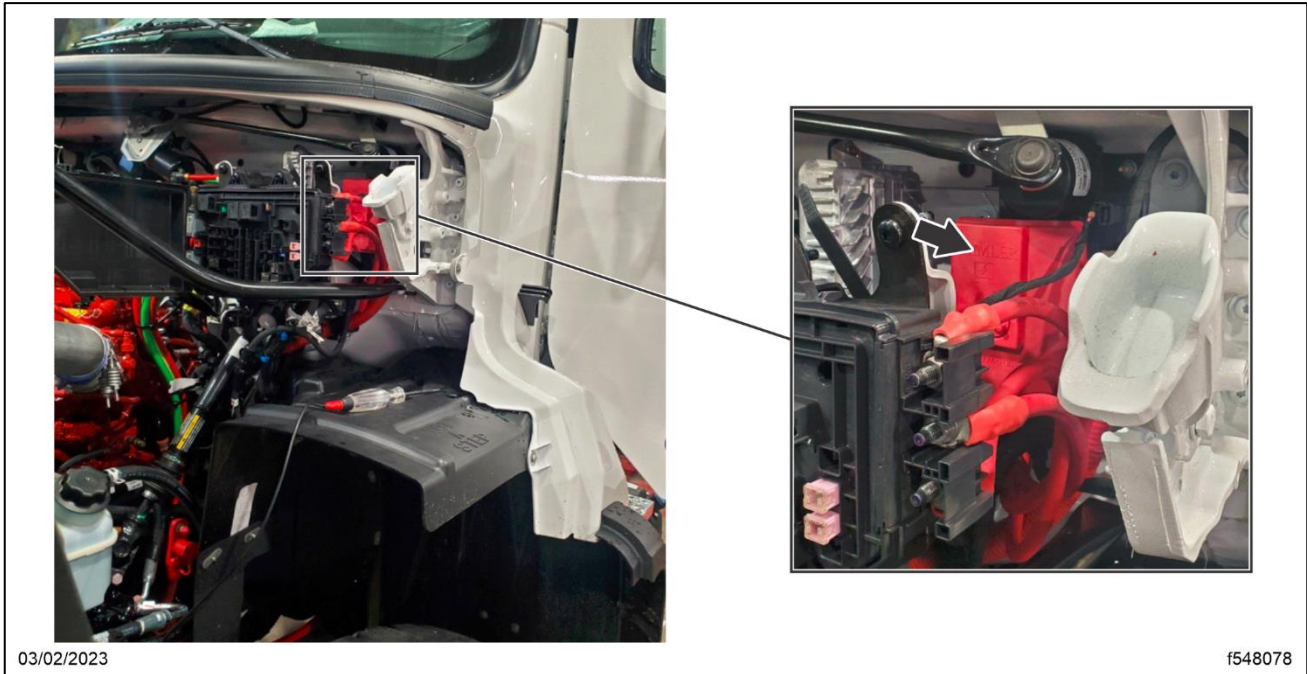


Fig. 4, BCA Fuse Location

CAUTION:

To avoid injury from electrical shock, use care when connecting battery cables. The magnetic switch studs are at battery voltage.

- 5.2. Remove the red cover to access the fuses. Check for the red light illumination. See [Fig. 5](#) and [Fig. 6](#).

Does the red light located above the fuses glow?

YES → Do not tighten the fuse mounting nuts yet. Check and disconnect the batteries, if not properly disconnected already.

NO → Go to step 6.

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Fig. 5, Fuse Cover

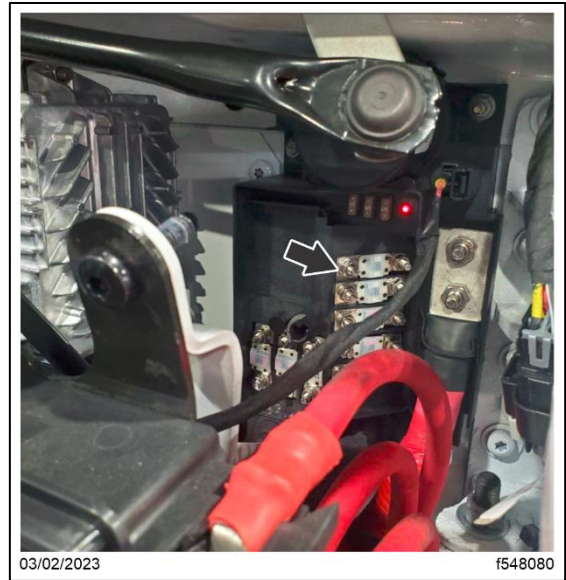


Fig. 6, Fuses

NOTE: Make note of the loose nut positions, and include information in the claim comments.

6. Tighten the fuse mounting nuts as follows.

6.1. Use appropriated M8 socket torque-controlled tool to tighten the fuse mounting nuts. See [Fig. 7](#) and [Fig. 8](#).



Fig. 7, Tightening the Side Fuses



Fig. 8, Tightening the Front Fuses

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- 6.2. Tighten the nuts 32 lbf·in (3.6 N·m). See **Fig. 9** for reference to identify the nut numbers to report loose nuts.

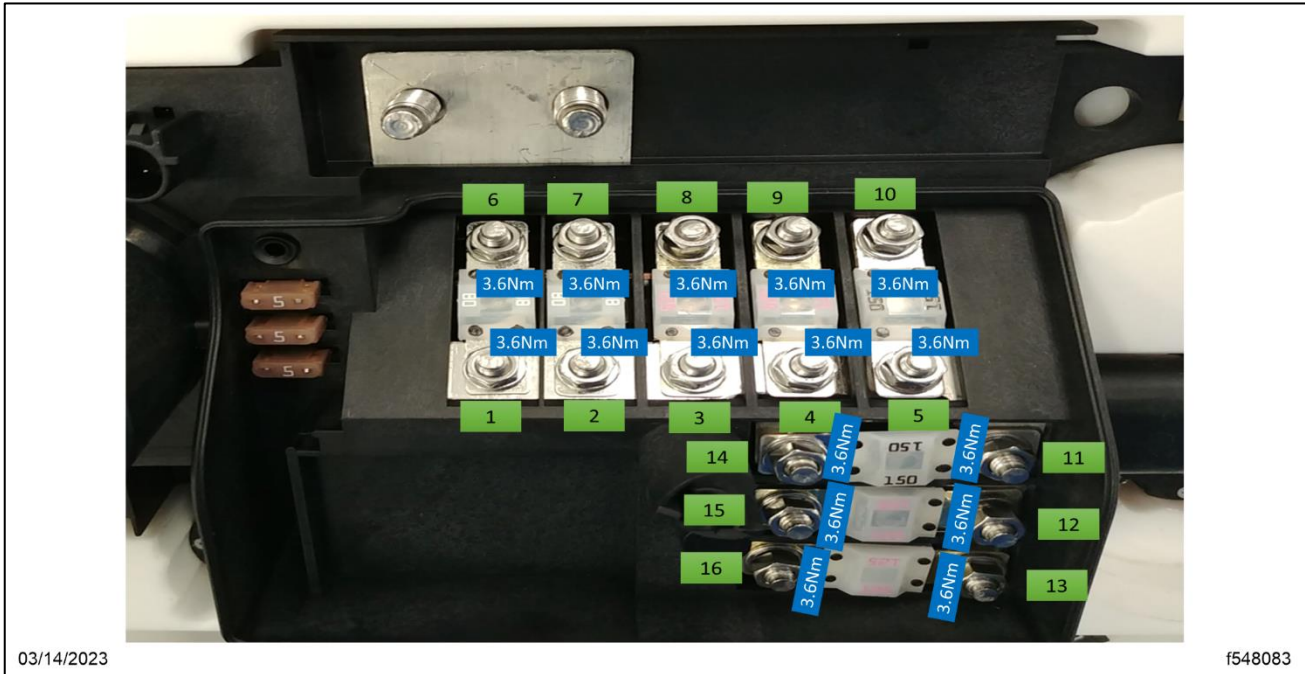


Fig. 9, Torque Specifications for Tightening the Fuses

- 6.3. Identify any loose nuts, and make note of the locations.
6.4. Install the BCA red cover.
7. Close the hood.
8. Turn ON the battery disconnect switch, if so equipped. See **Fig. 1**.

CAUTION:

To avoid injury from electrical shock, use care when connecting battery cables. The magnetic switch studs are at battery voltage.

9. Connect the batteries.

Claim Processing

- In the Primary Failed Part Number field, enter **A66-13466-013**.
- General labor SRT.
- Labor time is **0.3 hours**.

IMPORTANT: If during the inspection process, any component(s) needs to be replaced, submit a separate warranty claim.