

5/8/2024

CAL FTL 08-001

Subject: New Cascadia Vehicles Produced at Cleveland, Equipped with Cummins Engines-Inspection for Properly Torqued Engine Mount Bolts

Make: Freightliner

Model: New Cascadia

Model Year Affected: 2025

Build Date Range: Selected Vehicles Built Between January 1, 2024 and April 8, 2024

Our records indicate that you are the owner of certain vehicles; therefore, DTNA has decided to share the following documentation with you.

Please see the attached communication in this email. We hope you find this information helpful.

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General Information

After finding one vehicle with insufficiently tightened bolts on one of the engine mounts, DTNA has taken a proactive approach to assess if other vehicles may have the same issue. With the following inspection, the vehicles will be surveyed to collect more evidence.

Vehicles produced at the Cleveland production facility from January 1, 2024, to April 8, 2024, should be inspected for the following.

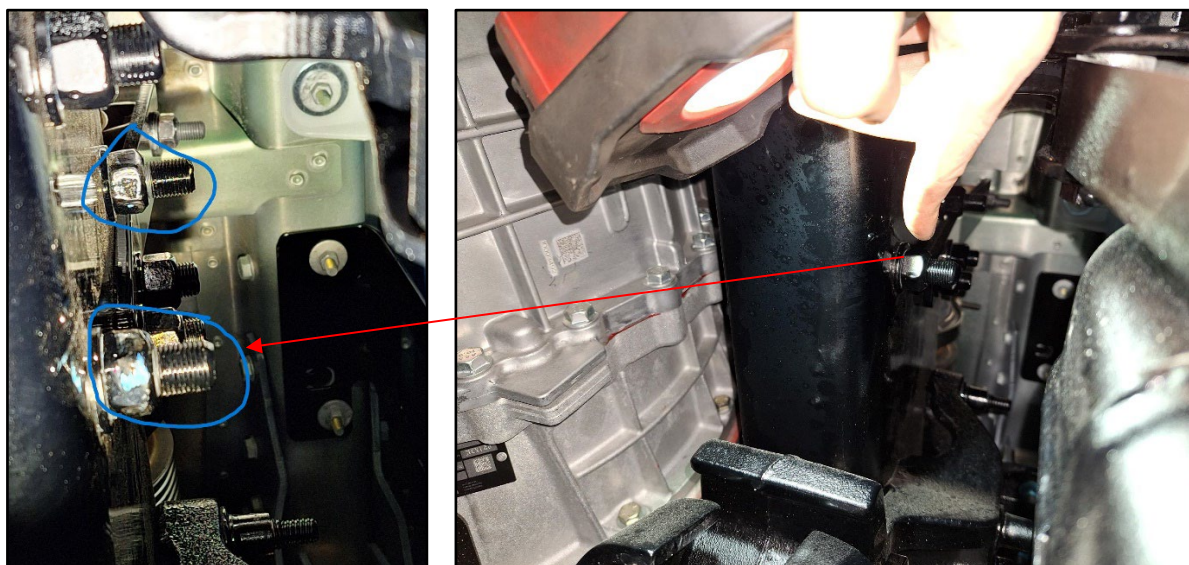


Fig. 1, Loose or Missing Rear Engine Mounting Bolts

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Work Instructions – Tandem Axle

1. Park the vehicle on a level surface, turn the steering wheel all the way to the right, shut down the engine, and set the parking brake. Chock the tires.
2. Open the Hood.
3. On the driver's side, from underneath the splash shield, remove the screw that attaches the splash shield to the front-wall mounted bracket.
4. From underneath the splash shield, remove the four nuts at the backing plates.

NOTICE: Use care to avoid damaging the rocker panel on the lower edge of the cab side when removing the splash shield.

5. Remove the splash shield by pulling it forward until it clears the rocker panel, then pull it to the side.
6. Inspect the rear engine mount bolts for loose bolts. See **Fig. 1**.
7. Using a 15/16" wrench and a 15/16" socket, torque all four engine mount bolts on each/both left and right rear engine mount to 173 lbf·ft (235 N·m). See **Fig. 2** for correct bolts.
8. Position the splash shield so that the cab studs align with the splash shield holes. Install the two backing plates and the four nuts on the studs. Tighten the nuts 15 lbf·ft (21 N·m).
9. Install the screw that attaches the splash shield to the front-wall mounted bracket.

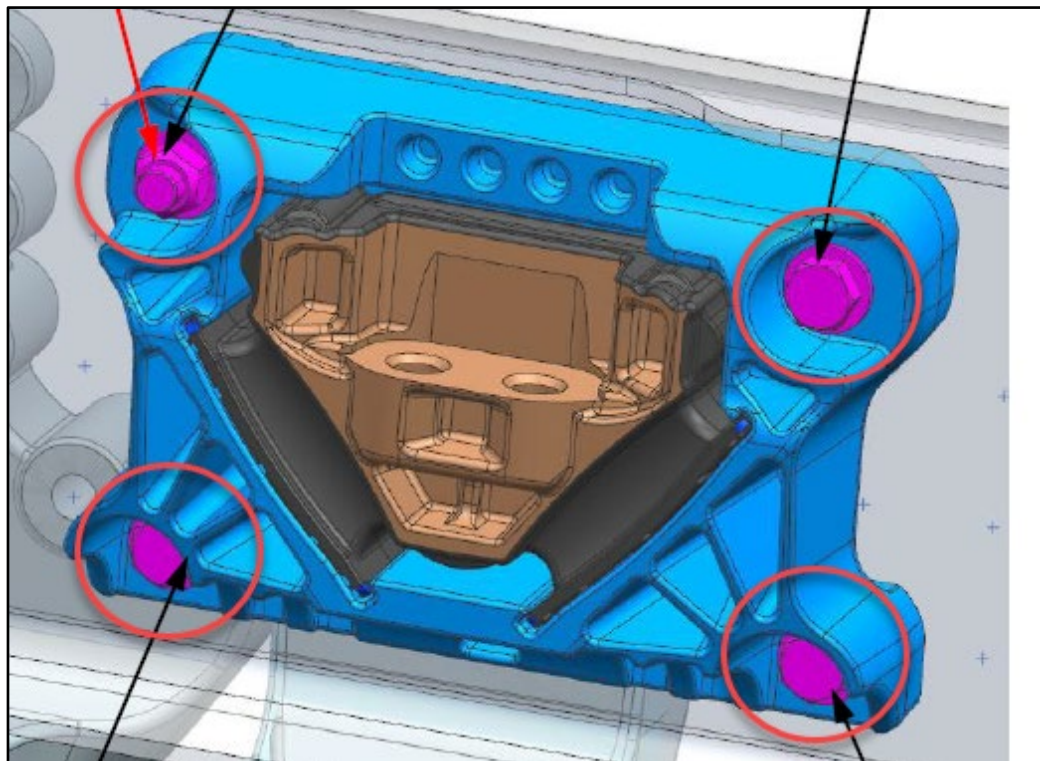


Fig. 2, Four Bolts with Torque Tool Installed.

10. Close the hood.

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Work Instructions – Single Axle

1. Park the vehicle on a level surface, turn the steering wheel all the way to the right, shut down the engine, and set the parking brake. Chock the tires.
2. Open the Hood.

NOTICE: Use care to avoid damaging the rocker panel on the lower edge of the cab side when removing the splash shield.

3. Inspect the rear engine mount bolts for loose bolts. See **Fig. 1**.
4. From underneath, use a 15/16" wrench and a 15/16" socket, torque all four engine mount bolts on each rear engine mount to 173 lbf·ft (235 N·m). See **Fig. 2** for correct bolts.
5. Close the hood.

Claim Processing

If bolts are loose, file in OWL under base warranty, with the following:

- In the Primary Failed Part Number field, enter **23-14072-166**
- General labor SRT, labor time is **0.7 hours**