

02/24/2023

CAL FTL 01-004b

**Subject: New Cascadia Vehicles Equipped with Cummins Engines—
Inspection for Properly Torqued Engine Mounting Bolts**

**Models Affected: New Cascadia export vehicles built between August
24, 2022 and December 13, 2022.**

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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Fig. 1, Loose or Missing Rear Engine Mounting Bolts

Work Instructions

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 on the backing plates.

NOTICE

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 mounting for missing or loose bolts. See [Fig. 1](#).
7. If the bolts are present and do not appear to be loose, attach ½-inch Drive 1-1/8 12-point torque adaptor (SRDH361). See [Fig. 2](#).
8. Connect a ½-inch drive torque wrench to the torque adaptor, then tighten all five engine bolts 213 to 269 lbf-ft (289 to 365 N·m). See [Fig. 3](#) for the correct bolts to tighten.

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9. If bolts are loose, remove to apply red loctite, install the bolt and attach the ½-inch Drive 1-1/8 12-point torque adaptor (SRDH361). See [Fig. 2](#).
10. Connect a ½-inch drive torque wrench to the torque adaptor, tighten the five engine bolts 213 to 269 lbf·ft (289 to 365 N·m). See [Fig. 3](#) for the correct bolts to tighten. See [Fig. 4](#) for torque adaptor calculations.
11. If bolts are missing, replace the bolts as needed following steps 9 and 10. See [Fig. 5](#) for the bolt identification.
12. 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).
13. Install the screw that attaches the splash shield to the front-wall mounted bracket.



Fig. 2, ½-inch Drive 1-1/8 12-point Torque Adaptor (SRDH361)

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Fig. 3, Five Bolts with Torque Tool Attached

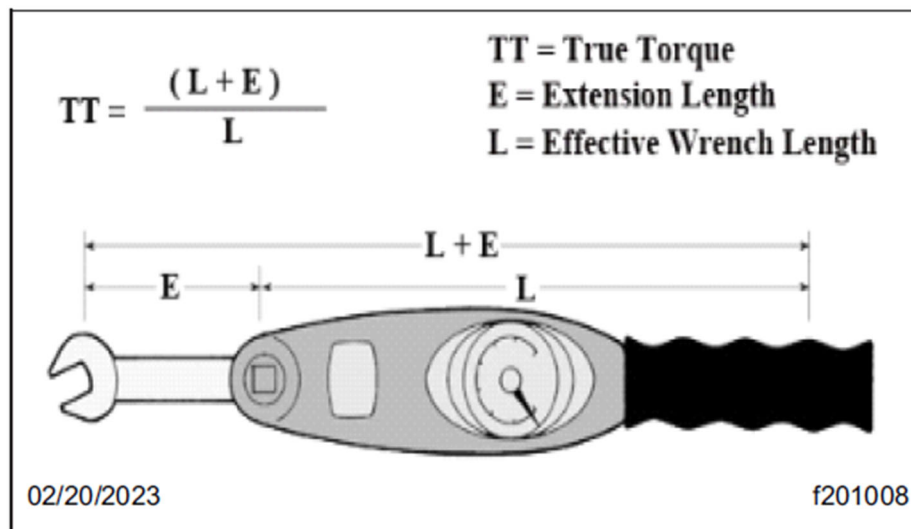


Fig. 4, Torque Calculator

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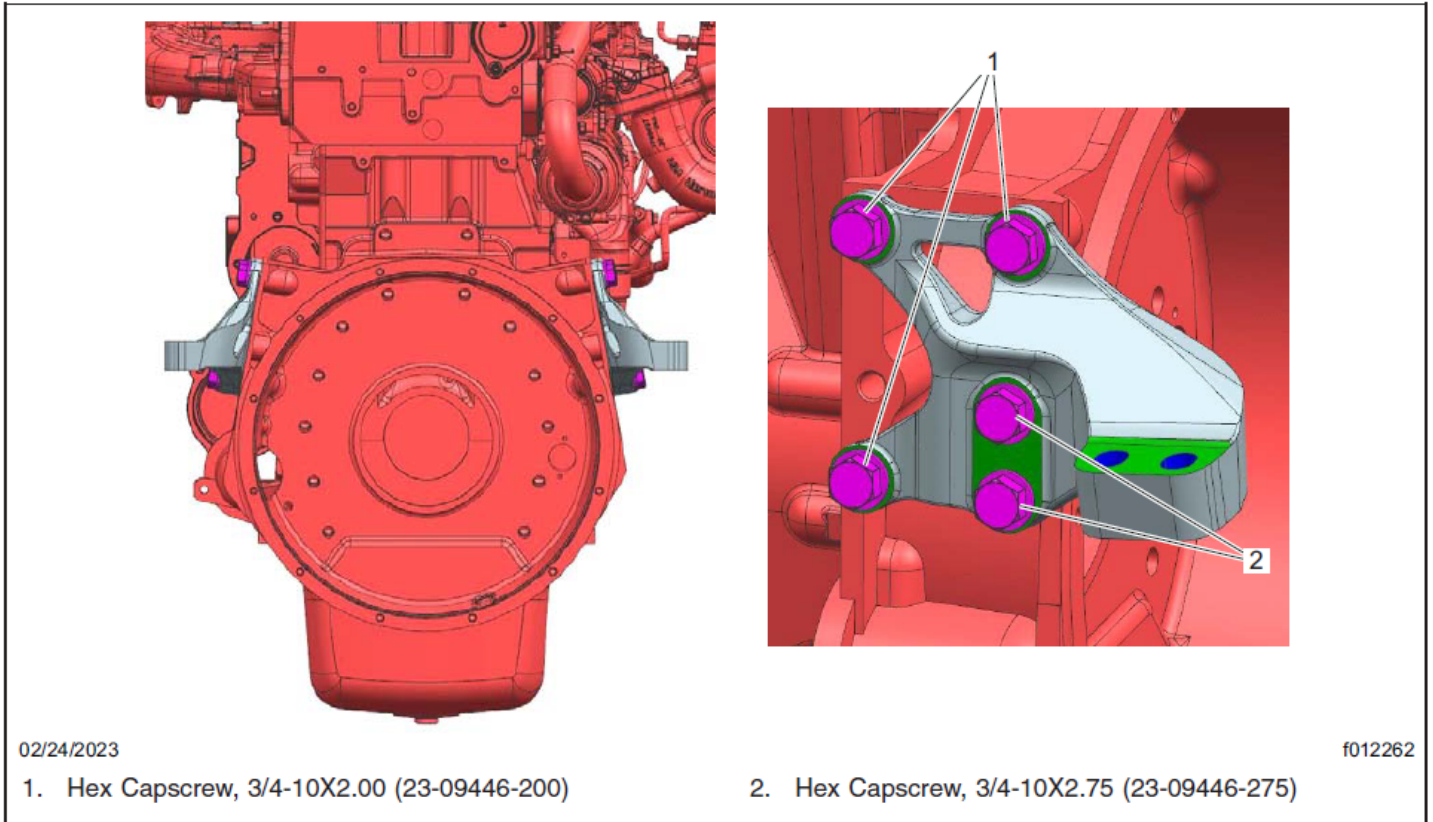


Fig. 5, Bolt Identification

Claim Processing

- Field Service Policy Code is **FSOH**.
- In the Primary Failed Part Number field, enter **23-09446-200**, with the proper quantity needed.
- General labor SRT.
- Labor time is **2.0 hours**.