Daimler Truck
North America LLC **Customer Advisory Letter**

4/23/2025
CAL FTL 20-007

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

Make: Freightliner
Model: New Cascadia
Model Year Affected: 2025
Build Date Range: Selected Vehicles Built Between August 15, 2024 and February 1, 2025

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.

Daimler Truck
North America LLC **Customer Advisory Letter**

4/23/2025
CAL FTL 20-007

Subject: Cascadia Vehicles Equipped With Cummins Engines Inspection For Torqued Engine Mounting Bolts

Make: Freightliner
Model: New Cascadia
Model Year Affected: 2025
Build Date Range: Selected Vehicles Built Between August 15, 2024 and February 1, 2025
VINS: See charts **'Estes Engine Mount Bolt Freightliner MY25 CY24 updates'** and **'Boutin Transport Engine mount.'**

General Information

To date, evidence indicates that this problem is limited to a population of a certain selected powertrain. However, DTNA is taking a proactive approach to conduct a field survey to ascertain if other vehicles of the limited customer set are exhibiting the same issue in the field. Loose engine mounting bolts could lead to progressive powertrain component damage, which may be observed through indicators such as clunking noises. Therefore, please help with the following survey of vehicles to gather further evidence.

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 at 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 bolts for missing or loose bolts. See **Fig. 2 and 4**.
7. If the bolts are present and do not appear to be loose, install ½ Drive 1-1/8 12-point torque adaptor (p/n: SRDH361). See **Fig. 2.**
8. Connecting a ½ drive torque wrench to the torque adaptor, check torque on all five engine bolts to 216 lbf·ft (288 N·m). Confirm no rotation in bolt is seen prior to 216 lbf·ft (288 N·m). See **Fig. 2 and 4** for correct bolts.
9. If bolts are loose, remove bolt, replace with new bolt and apply Red Loctite™, install bolt, install ½ Drive 1-1/8 12-point torque adaptor (p/n: SRDH361) and torque loose bolt to 241lbf·ft (327 N·m). See **Fig. 3.**

Note: See **Fig. 3** for torque adaptor calculations.

10. If bolts are missing, replace the bolts as needed following steps 9 and 10, See **Fig. 4**, bolt identification. Part numbers for the correct bolts are shown in **Table 2**.
11. 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).
12. Install the screw that attaches the splash shield to the front-wall mounted bracket.

Fig. 1, ½ Drive 1-1/8 12-point torque adaptor (p/n: SRDH361)

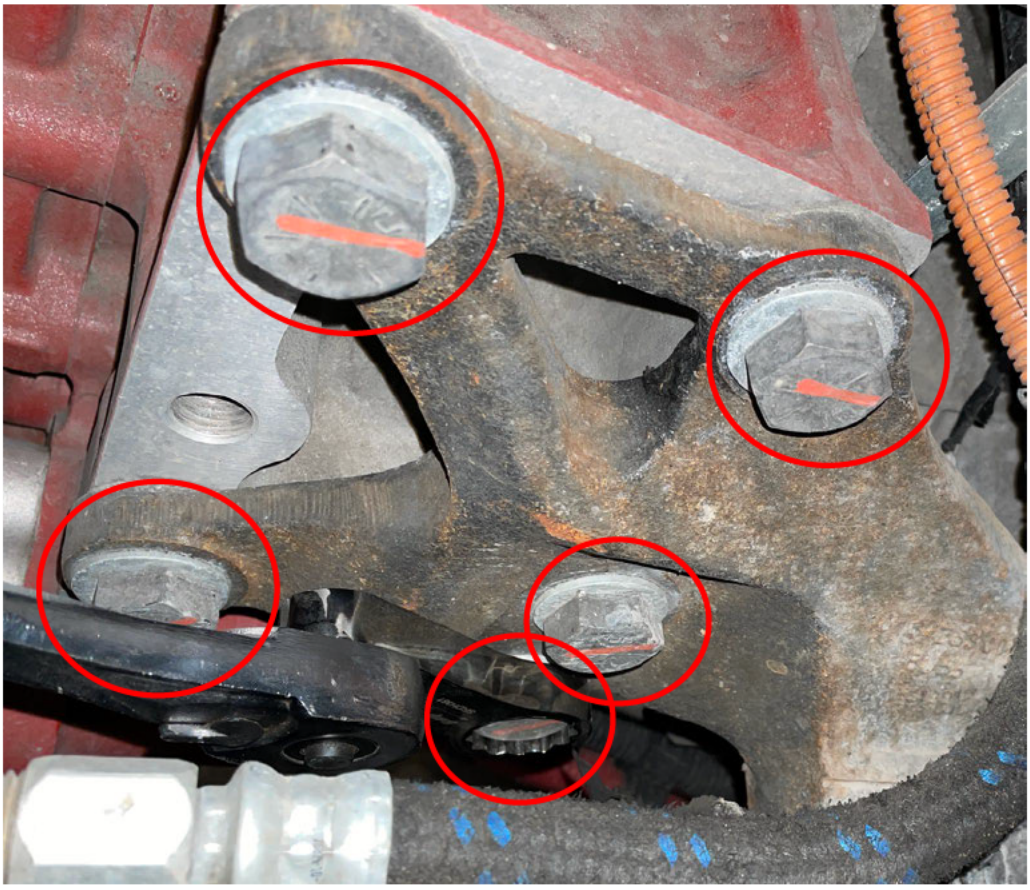

Fig. 2, Five Bolts with Torque Tool Installed.

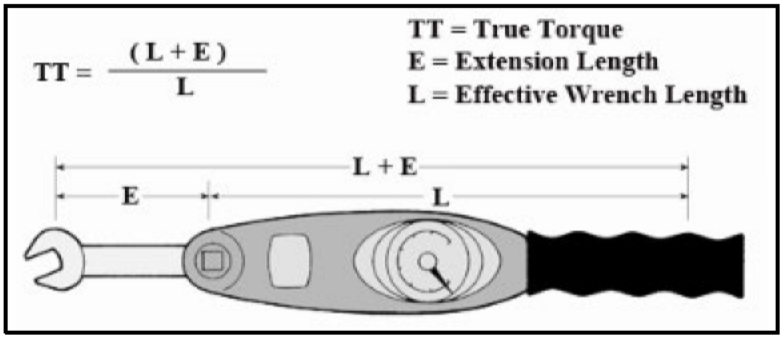

Fig. 3, Torque Calculator

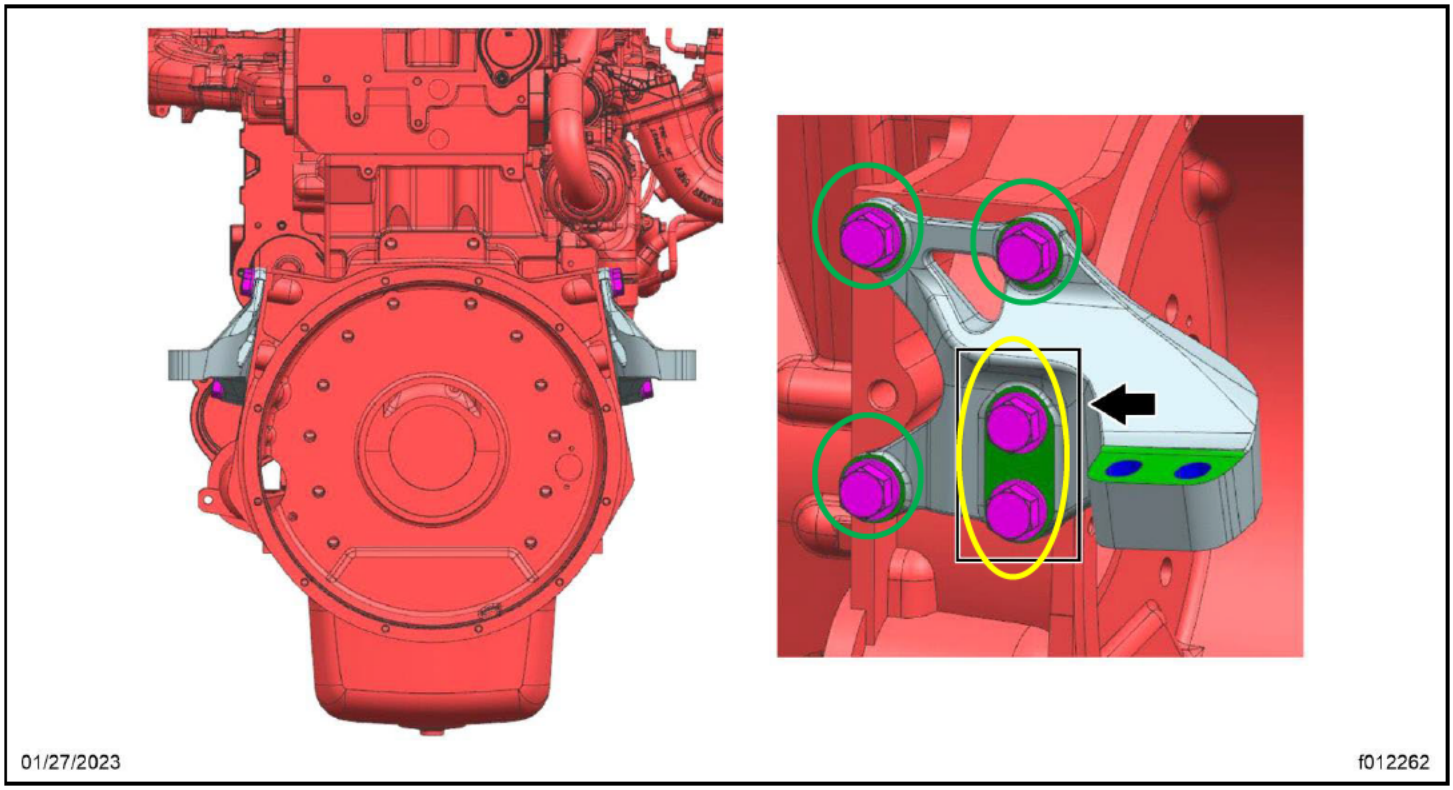

Fig. 4, Bolt Identification

Part Numbers for the Correct Bolts		
Green Circle	23-09446-225	SCREW-CAP,HEX3/4-10X2.00 GR8PO
Yellow Circle	23-09446-300	SCREW-CAP,HEX3/4-10X2.75 GR8PO

Table 2, Part Number for the Correct Bolts

Claim Processing

- For the Field Service Policy Code, contact Keaton Weisenborn.
- In the Primary Failed Part Number field, enter **23-09446-225**, with the proper quantity needed.
- General labor SRT.
- Labor time: **Should be for check bolts to torque only**.