

July 24, 2024

Re: Motiv Technical Bulletin for the following recall notices

- **24V547 (CAN loopback)**
- **24V603 (CAN Loopback / SB)**
- **2024-422 (CAN loopback / TC)**

DCFC Loopback harness Motiv P/N 840-110346-001 REV A

RECALL INFORMATION

Motiv Power Systems, Inc. (Motiv) has determined that on certain vehicles converted to a Motiv Gen 5 EPIC E-450 powertrain, a Controller Area Network (“CAN”) signal wire could potentially chafe against the vehicle’s frame rail and short to ground – resulting in a loss of CAN signals. This in turn could result in a loss of vehicle propulsion. Motiv has not received any complaints or reports of vehicle crashes because of this issue; therefore, Motiv considers this as a proactive measure to protect the public and Motiv’s customers from the potential risk associated with this defect.

To ensure that these vehicles meet Motiv’s stringent quality requirements, follow the instructions outlined below to check and confirm that the CAN signal wires are not chafing against the vehicles frame rail.

VEHICLES AFFECTED

Ford E-450 Motiv Gen 5 EPIC E-450 and EPIC 4 produced between 1/1/2021 and 3/1/20204

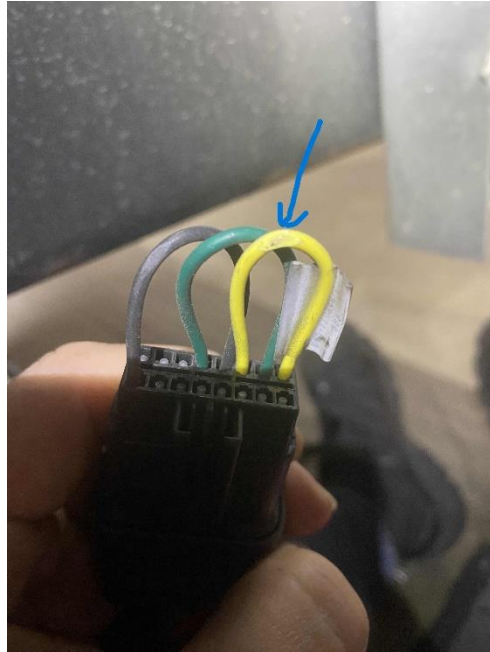
VEHICLE QUANTITY

There are 84 vehicles affected by this recall (27 U.S, 57 Canada).

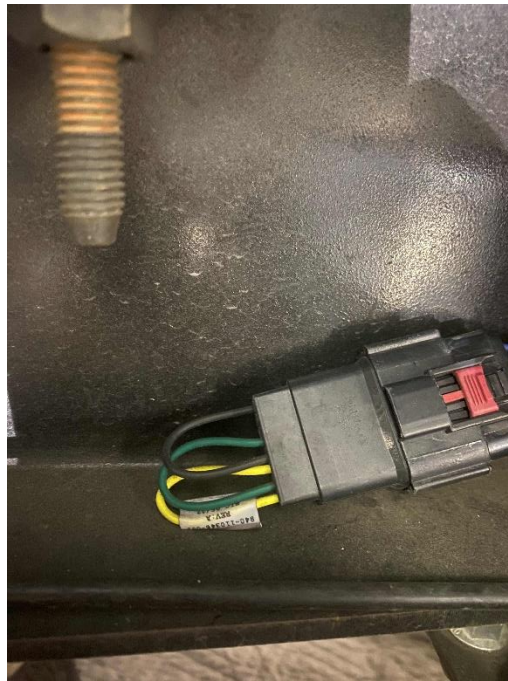
REPAIR INSTRUCTIONS

Inspect all potentially affected vehicles and correct any erroneous retention and replace any CAN wiring showing signs of chafing as per picture below.

PROPRIETARY AND CONFIDENTIAL



1. Locate CAN loopback wiring on the driver side frame rail aft of rear leaf spring mount.



PROPRIETARY AND CONFIDENTIAL

2. Wrap exposed wiring with fabric tape (Motiv P/N 110-112172-001 REV A / Mfg. P/N TESA 51036) to prevent wire damage.
3. Securely retain loopback harness to frame rail crossmember above rear battery pack.

