

eP4 EVDM Ground Cable Terminal Broken

Field Service Campaign SF-694

Target Date: 7/19/2024

Problem Details:

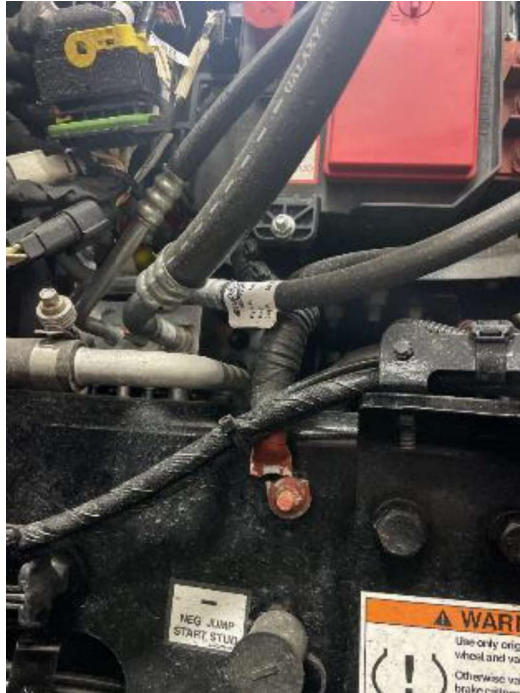
- EVDM ground cable terminal breaks at frame attachment, due to fatigue
- Ground is redundant, so may be no symptoms

Affected Models / Truck options:

- Affected vehicles: all eCascadias
- Population of affected vehicles: 419

Responsible Supplier:

- N/A



Production Containment:

No Yes

- None

Field Containment (short term):

No Yes

- None

Root Cause:

No Yes

- Relative motion between front box assembly and frame
 - Front box is mounted to chassis with rubber isolators
- Cable too short and has no strain relief

Long Term Corrective Action Plan:

No Yes

- Design changed from 13" to 20" cable, with lower stud location and added bracket for strain relief
 - Production Changeover: 11/20/2023

No Yes

Long Term Field Plan:

- Field Service Campaign SF-694 with instructions for installing longer cable and strain relief

