



STAR ONLINE PUBLICATION



Case Number: S2108000087

Release Date: April 2021

Symptom/Vehicle Issue: CEL (Check Engine Lamp) On, Stop Start Inoperative, DTC B25C9 Driver Door Ajar Switch 2 Stuck Closed

Customer Complaint/Technician Observation: Owner complains the stop start system is inoperative and the check engine lamp is on. Technician observed the vehicle is setting DTC B25C9 Driver Door Ajar Switch 2 Stuck Closed.

DT Trucks - A loose or poor ground connection for the G921/G922/G933 ground location on the left fender can cause several symptoms or DTCs in the Body Control Module (BCM), Anti-Lock Brake System (ABS) Module or Powertrain Control Module (PCM). A poor ground can affect every vehicle differently. A loose or poor ground for the G921/G922/G933 ground location can cause any combination of the following system DTCs or symptoms:

- Issues with the MDS solenoids, VVT solenoids, active grill shutters, PCM DTCs relating to these systems or the door ajar switches.

- Issues with the door ajar switches, front lighting (headlamps, side markers, etc.), washer pump, front wiper motor, power side steps and any BCM related DTCs.

- Any ABS module DTCs.

- Intermittent remote start issues.

- Intermittent ignition off power down issues.

There may be other issues relating to this ground location as well. If the vehicle exhibits multiple issues relating to the systems mentioned above, load test the ground G921/G922/G933 circuits or inspect for a loose or stripped ground nut at the ground location on the left fender.

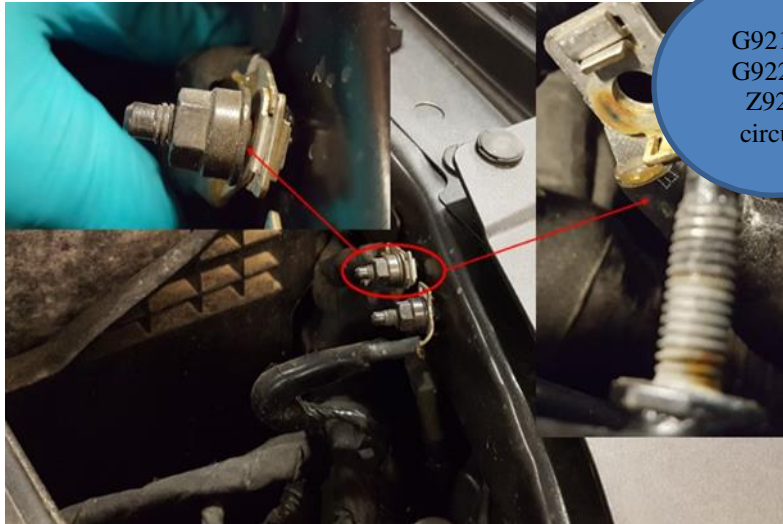
Repair Procedure: Inspect the ground location for SZ922/Z922 ground circuit; G921A, And G922A example of wiring from a 5.7 model. Clean and secure the ground locations and test for a voltage drop of the involved component Fig 1.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action 4.22.21

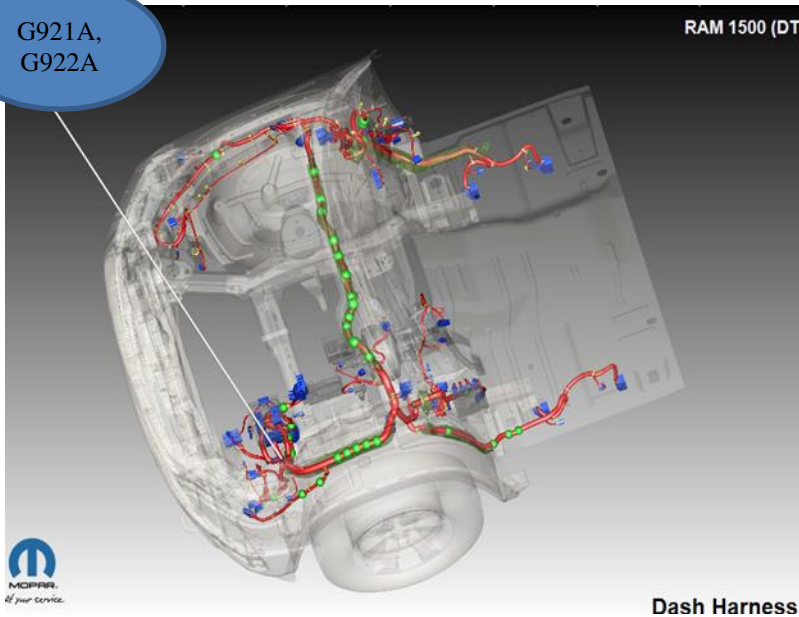
Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found



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G921A,
G922A



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