



STAR ONLINE PUBLICATION



Case Number: S2208000080

Release Date: March 2022

Symptom/Vehicle Issue: Ambient Air Temperature Missing, MIL Lamp On, DTC P0070-15 Ambient Air Temperature Sensor Circuit-Circuit Short to Battery or Open; P0073 Ambient Air Temperature Sensor Circuit High

Customer Complaint /Technician Observation: The customer will notice that the MIL is illuminated on the cluster. The ambient air temperature may be missing or inaccurate. Technician observed DTCs P0070-15: Ambient Air Temperature Sensor Circuit-Circuit Short to Battery or Open; P0073: Ambient Air Temperature Sensor Circuit High.

Repair Procedure: Inspect the G31 & G931 circuits as shown from the AAT (Ambient Air Temperature) sensor in the mirror to the DDM (Driver Door Module) C2 connector. Then from the DDM C4 connector to the BCM C4 connector for the involved circuits Fig 1, 2.

Note: If a repair is performed to the AAT Sensor wiring, the sensor is replaced, or the BCM connector is disconnected during testing, the vehicle must be driven for a minimum of 5 minutes above 15 mph to update the AAT temp signal before the DTC will go stored and can be erased.

Verification: Clear the DTCs and verify the ambient temperature sensor data is now showing a reading. If the issue is still present, continue with reoccurring DTC diagnostic procedures.

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.

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



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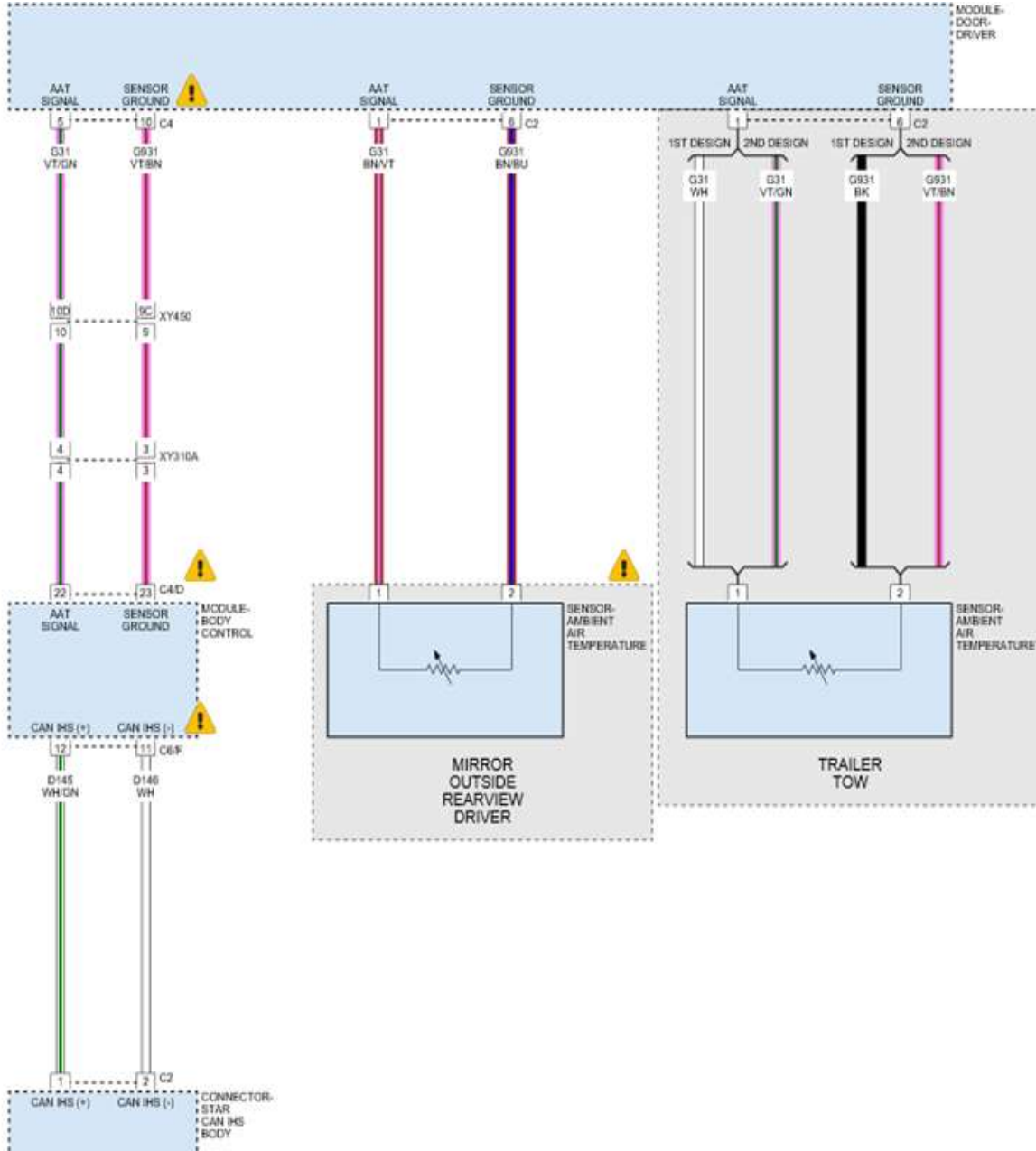


Fig 1

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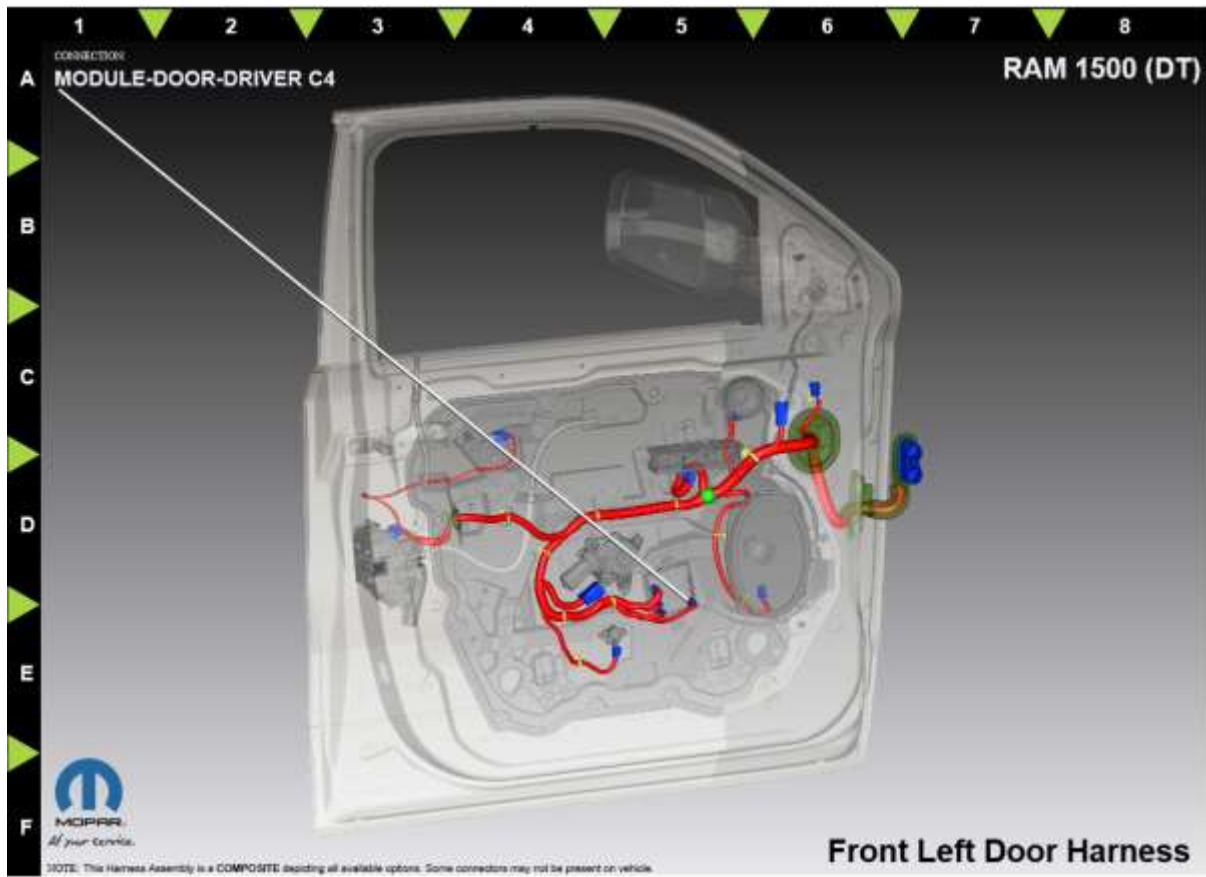


Fig 2

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