



STAR ONLINE PUBLICATION



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Symptom/Vehicle Issue: Service 4WD Lamp On, 4WD System Does Not Work, 4WD Service Lamp Flashing, Front Axle Disconnect Does Not Engage Or Disengage

Customer Complaint/Technician Observation: Owner complains of any of the above concerns. Technician observed the vehicle may have set a stored or active DTC C147B-FRONT AXLE DISCONNECT SENSOR CIRCUIT PERFORMANCE or have a general complaint that the 4WD system is not working FAD (Front Axle Disconnect) does not engage/disengage.

Repair Procedure: Inspect the wire harness connector at the FAD for loose, spread, corroded or pushed out terminals at the FAD (Front Axle Disconnect) connector.

Once the connector is disconnected from the FAD, check for corrosion inside the connector (wire harness side) and also on the FAD side pins. Below conditions could exist -

1. Corrosion on FAD pins and wire harness connector - Replace both if not functional.
2. Corrosion on FAD pins but not on wire harness connector - Replace both if not functional
3. Corrosion on wire harness connector but not on FAD pins - Only replace the wire harness and check if the FAD is functional. If it is not functional, then replace both.
4. No corrosion present either on FAD pins or wire harness connector - Check further up the harness for any chaffing and or contact areas 8 inches back from the connector.

Jumper Harness: 52112344AC, FAD: 68449574AA.



6-8 inch
inspection



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