



STAR ONLINE PUBLICATION



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Symptom/Vehicle Issue: Service 4WD Message, Front Axle Disconnect (FAD) Diagnostic Trouble Codes (DTCs) Set.

Discussion: Some customers may experience an inoperative 4WD along with a Service 4WD message. Upon further investigation, the technician may find one or more of the following DTCs set.

- C147B – Front Axle Disconnect Sensor Circuit.
- C147B-92 – Front Axle Disconnect Sensor-Performance or Incorrect Operation.
- C147B-12 – Front Axle Disconnect Sensor Circuit Short to Battery.

If the technician is working on a vehicle with the above condition, please follow normal published diagnostics for the DTCs. Verify there are no harness or connection concerns to the FAD Actuator. If no issues are found, replace the FAD Actuator and reevaluate the concern.

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, eCONTACT or Service Library entry if no solution is found.