



STAR ONLINE PUBLICATION



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Symptom/Vehicle Issue: Radio Frequency Hub (RFH) Module has an Active Diagnostic Trouble Code (DTC) B22A9-00 ECU Internal Performance

Technician Observation: RFH Module is setting an active DTC B22A9-00 Electronic Control Unit (ECU) Internal Performance with no customer complaints. **Please do not replace RFH module** if all the following conditions are **TRUE 1-3**.

1. Vehicle has RFH PN # 68671484AD
2. Active RFH DTC B22A9-00 ECU internal performance.
3. No functional issues observed or reported, DTC cannot be cleared. DO NOT REPLACE THE RFH IF THER ARE NO FUNCTIONAL ISSUES.

Note: Below are the functional tests that can be validated for complaints as needed.

- i. Remote Keyless entry (RKE)
- ii. Passive Entry (If equipped, sales code – GXD)
- iii. Keyless Go/ Passive Start

Continue with normal diagnostics if any functional issues are observed (or) If there are other active DTCs logged.

Remote Keyless Entry: Per Keyfob buttons equipped based on vehicle configuration, press the keyfob button and observe that vehicle acknowledged and activated the command.
For example, press unlock button (as equipped) on keyfob and observe if vehicle doors are unlocked.

Passive Entry (Only if vehicle configured with Sales code GXD): User approaches driver/passenger door handle with keyfob, observe if the door is unlocked.

Keyless Go/ Passive Start: With keyfob inside the interior of the vehicle, press the start/stop button and observe if the vehicle can start without incident.

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.