



STAR ONLINE PUBLICATION



Case Number: S2408000123

Release Date: December 2024

Symptom/Vehicle Issue: Push to Start Button Has a Delay Switching Ignition Positions, DTCs (Diagnostic Trouble Codes), B1A7D-2A Start Button - Stuck, U103C-00 KIN/IGNM Communication

Customer Complaint/Technician Observation: Owner complains of a keyless go button that may not switch ignition positions as expected, does not start when pressing the keyless button may be an associated complaint. Technician observed the vehicle is setting a DTC B1A7D-2A Start Button-Stuck and/or U103C-00 KIN/IGNM Communication, stored or active.

Repair Procedure: If the B1A7D-2A is stored, the KIN (Keyless Ignition Node/Ignition Module) push to Start button replacement may not be required.

1. Attempt to duplicate the active fault by running through multiple ignition position cycles while watching the switch LED position for a delay while attempting to duplicate.
2. Verify the involved B+ and Ground circuits have no voltage drops and have no aftermarket accessories installed that may affect the circuits. Inspect the terminals for D122 and G20 circuits of the involved harness connector(s) at the KIN and the RFHUB. Slightly move the connectors while monitoring for any change. Disconnect and inspect the connector (s) at the RFHUB to ensure no signs of corrosion from a (leaky third brake lamp, or rear glass) reconnect and secure the connectors and re-test the operation Fig 1.
3. Clear B1A7D-2A DTC if it is still stored and actions in Step1 & Step 2 do not generate a DTC.
4. If the vehicle sets DTC U103C-00 - KIN/IGNM Communication, verify the connection between KIN and RFHUB before replacing the KIN.

NOTE: An induced fault can be set if the keyless button is held for 10 seconds or more. Clear the DTC for induced faults no further diagnostics required.

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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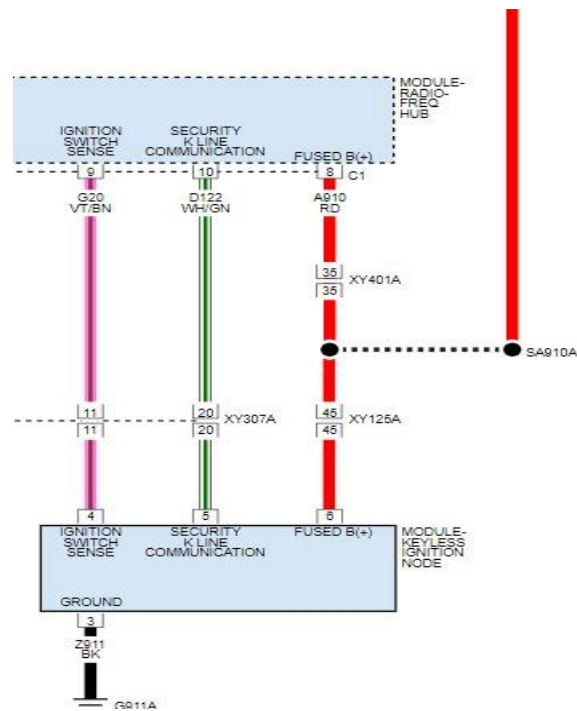
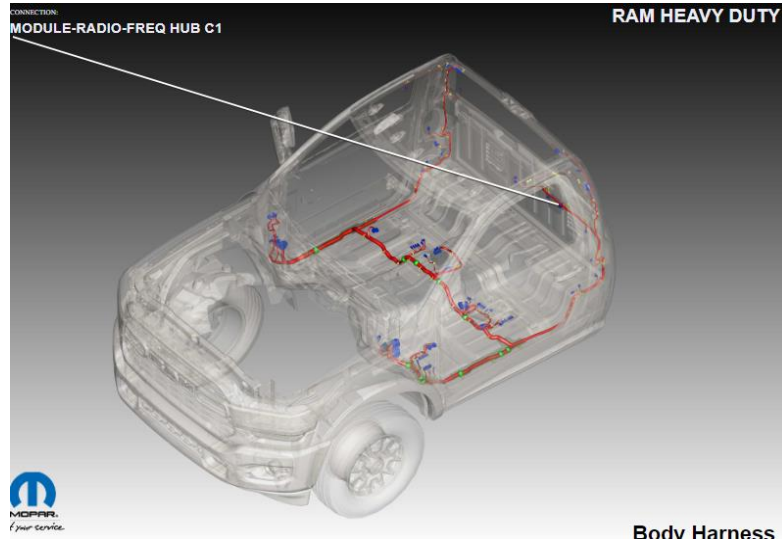


Fig 1

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