



STAR ONLINE PUBLICATION



Case Number: S2408000074

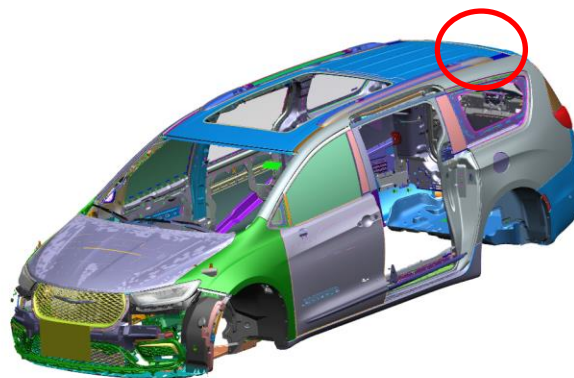
Release Date: July 2024

Symptom/Vehicle Issue: Remote Keyless Entry (RKE) has Reduced Range, Remote Start Inoperative, Multiple Keyless-Go Push Attempts to Start, Key not Detected Message, Tire Pressure Warning Lamp On

Technician Observation: If the owner has a complaint with any of the above conditions and or a tire sensor lamp that is flashing. The technician may find any of the following related Diagnostic Trouble Codes (DTCs) that may be set B1A76 Remote Start Antenna Connection Open with C151C-00 Tire Sensor Missing, C1501-31, C1502-31, C1503-31, C1504-31 Tire Sensor No Signals as stored or active.

Repair Procedure: Inspect the Remote Start Antenna (RSA) at the Radio Frequency Hub (RFHUB) looking for loose or damaged connection. Visually inspect the remote start antenna connection at the remote start antenna, rear headliner location. Secure connections as needed to test and or **swap** out the RSA (remote start test antenna or jumper RFHUB to RSA) with a known good antenna to confirm the operation Fig 1 and 2.

NOTE: These inspections should be performed prior to any service parts replacements.



RSA at Vehicle Location

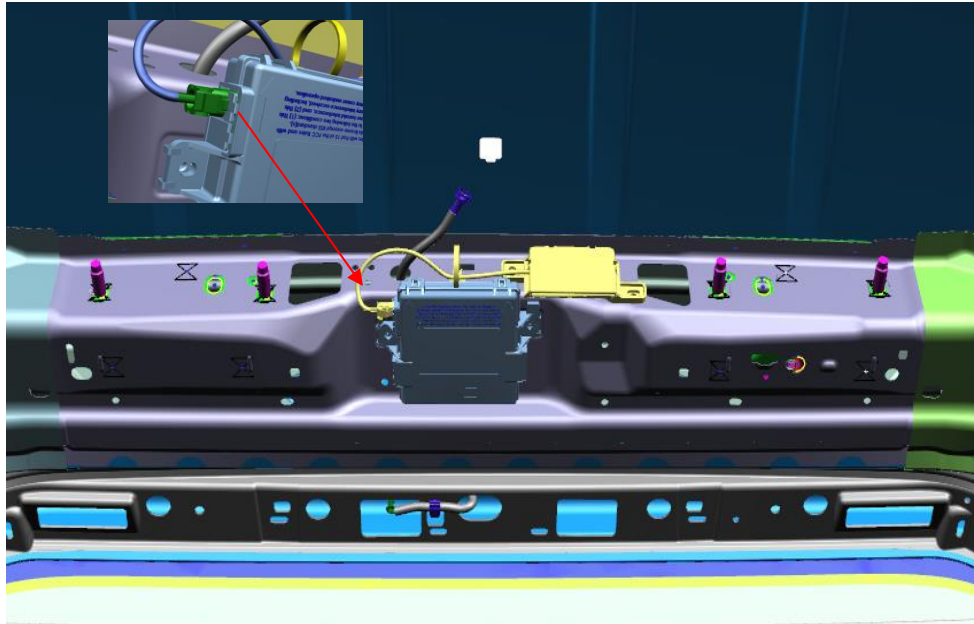
Fig 1

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.



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Location of RSA and RFHM.

Fig 2

Disconnect Coax and inspect:

1. Check for damage at the RFHUB and/or RSA Locations.
2. Secure Reconnect Coax – Test or check operation with test lead or known good part.
3. Reset ECU
4. Verify proper operations without DTCs.

Returning concerns after testing:

1. After market equipment inspection
2. Check the Key FOB range to validate operational strength with RF tester.

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