



STAR ONLINE PUBLICATION



Case Number: S2408000100

Release Date: September 2024

Symptom/Vehicle Issue: Remote Keyless Entry (RKE) 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) set B1A76 Remote Start Antenna Connection Open, C151D-00 Tire Sensor Missing, C1501-31, C1502-31, C1503-31, C1504-31 Tire Sensor No Signal 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 Pg 1 and 2.

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

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 using the scan tool.
4. Verify proper operations and ensure no DTCs are returning.

Returning concerns after testing:

1. Inspect for after- market equipment.
2. Check the Key FOB range to validate operational strength with RF tester.

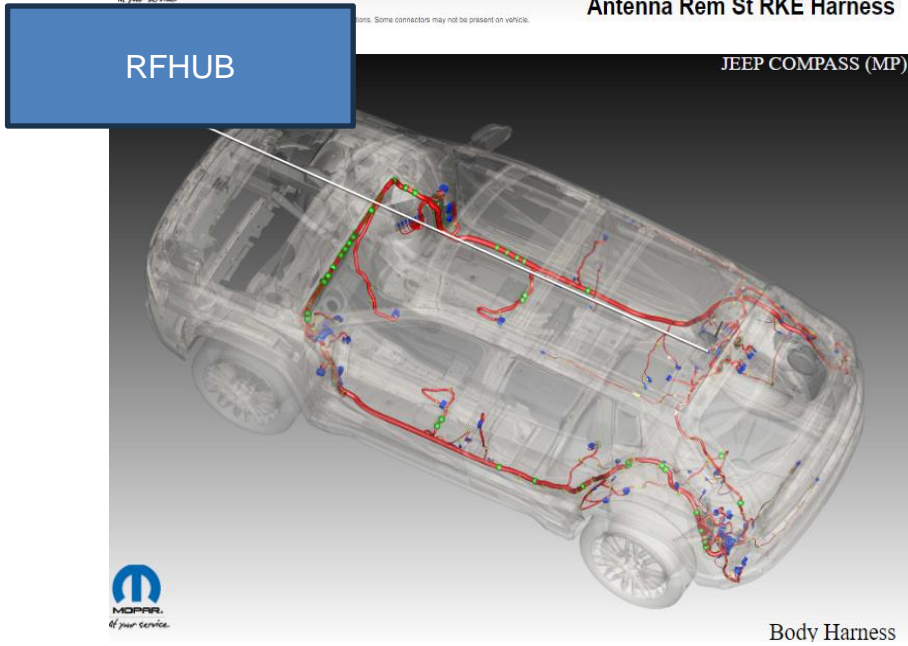
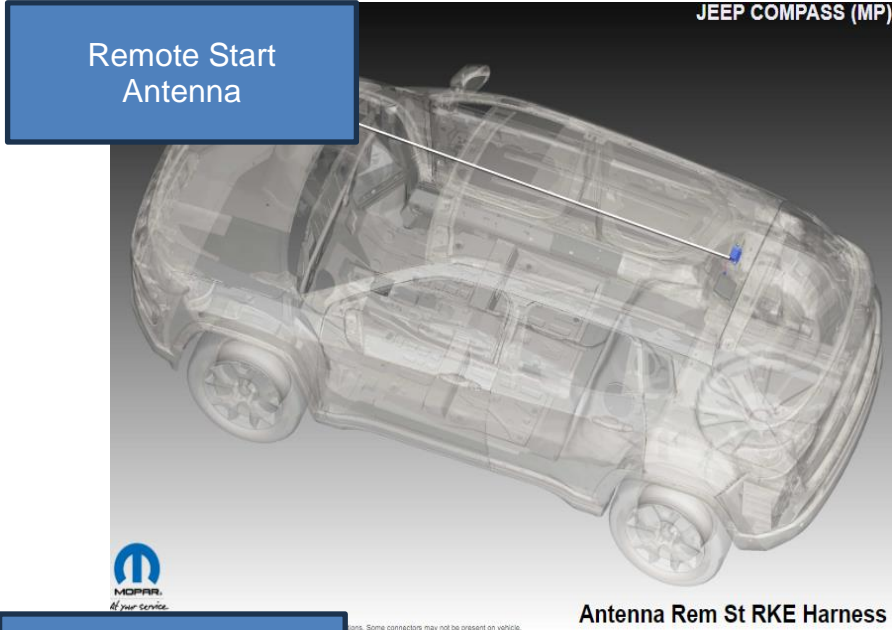
Pg 1

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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Pg 2

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