STAR ONLINE PUBLICATION

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Symptom/Vehicle Issue: RKE Has Reduced Range, Remote Start Inoperative, Multiple Keyless Go Push Attempts to Start, Key Not Detected Message, Tire Pressure Warning Lamp On

Customer Complaint/ Technician Observation: Owners complaint for any of the above conditions and or tire sensor lamp flashing. Technician has observed poor range when using the RKE intermittently and or related DTC's that may set B1A76-13 Remote Start Antenna Connection Open with C151C-00, C1501-31, C1502-31, C1503-31, C1504-31 Tire Sensor Missing as stored or active.

Discussion: Inspect the remote start antenna connection to the RFHUB located under the rear seat. Connections at the module may have been affected after owner usage of the storage area under the seats or at the remote start antenna headliner location. Secure connections and test and or ***swap*** out the RSA (remote start test antenna or jumper RFHUB to RSA) with a known good antenna to confirm operation. Do not replace RFHUBS or multiple sensors until checking for the following Fig 1, 2.



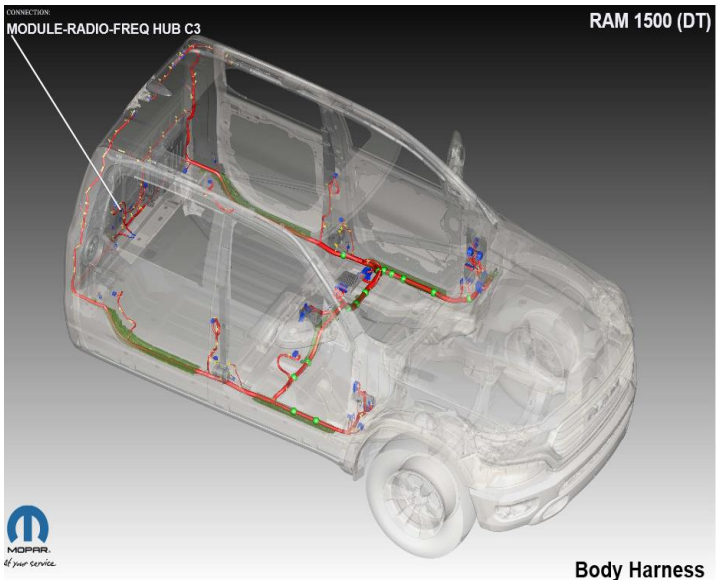


Fig 1

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 or eCONTACT ticket if no solution is found

Coxial jumper - RFHUB to RSA 68463501AA



Headliner View RSA antenna Pinched Harness, Routing Behind Bracket

Disconnect Coax and inspect:

Check for Damage at the RFHUB and/or RSA locations.
Secure reconnect Coax – test or check operation with test lead or known good part.
Reset ECU
Verify DTC or concerns not returning

Returning concerns after testing:

1. After market equipment inspection
2. Validate 3rd brake lamp has not been replaced to an LED lamp assembly
3. Check Key FOB Range to validate operational strength.

Fig 2

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