

# SAFETY RECALL

NORTH AMERICA

## Tire Pressure Monitoring System



Reference: 56C / NHTSA 25V-527

FCA US LLC



Remedy available for

2024 - 2025 (JL) Jeep Wrangler

Template Version 1.0

Revision	Edition	Detail
0	August 2025	Initial Version.

### SYMPTOM DESCRIPTION

The remote start antenna cable on about 78,989 of the above vehicles may have been built with a remote start antenna cable pinched under the left rear seat belt retractor bracket, which may result in the Tire Pressure Monitoring System (TPMS) unable to detect low tire pressure. A TPMS that is unable to warn a driver of tire pressures outside of recommended limits can cause a vehicle crash without prior warning.

The condition above fails to comply to the requirements of Federal Motor Vehicle Safety Standard (FMVSS) No. 571.138 which requires vehicles to illuminate a low tire pressure warning telltale not more than 20 minutes after the inflation pressure in one or more of the vehicles tires, up to a total of four tires, is equal to or less than either the pressure 25 percent below the vehicle manufacturers recommended cold inflation pressure, or the pressure specified in the 3rd column of Table 1 of this standard for the corresponding type of tire, whichever is higher. Vehicles built with a shorted antenna cable may not be able to detect low tire pressure.

### SCOPE

NOTE: Some vehicles above may have been identified as not involved in this recall and therefore have been excluded from this recall.

#### **IMPORTANT:**

- Some of the involved vehicles may be in dealer new vehicle inventory. Federal law requires you to complete this recall service on these vehicles before retail delivery. Violation of this requirement by a dealer could result in a civil penalty of up to \$27,874 per vehicle.
- Some of the involved vehicles may be in dealer used vehicle inventory. Dealers should complete this recall service on these vehicles before retail delivery.
- Dealers should also perform this recall on vehicles in for service.

Involved vehicles can be determined by using the VIP inquiry process.

### REPAIR TO BE PERFORMED

Inspect for a pinched Radio Frequency Hub (RF-HUB) antenna wire and if pinched, replace the RF-HUB antenna.

### ALTERNATE TRANSPORTATION

Dealers should proactively minimize customer inconvenience while the recall repair is being performed. Reference the Goodwill Alternate Transportation Guidelines warranty bulletin link within Recall Central on DealerCONNECT for options to support the customer while their vehicle is in service.

### COMPLETION REPORTING / REIMBURSEMENT

Claims for vehicles that have been serviced must be submitted on the DealerCONNECT Claim Entry Screen located on the Service tab. Claims paid will be used by FCA to record recall service completions and provide dealer payments.

Use the following labor operation numbers and time allowances:

Labor Description	Number	Hrs
Inspect Radio Frequency Hub (RF-HUB) Antenna Wire for Pinch Condition	08-56-C1-81	0.3
Inspect Radio Frequency Hub (RF-HUB) Antenna Wire and Replace the RF-HUB Antenna	08-56-C1-82	0.4

**NOTE: See the Warranty Administration Manual, Recall Claim Processing Section, for complete recall claim processing instructions.**

For Mobile Service Reimbursement, dealer to include standard dealer entry and mark-up for parts, standard dealer entry and labor rate for service, as well as the special services code for mobile allowance. The special services LOP will only be paid once per VIN and may NOT be used in coordination with any Alternate Transportation claims.

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For additional details, reference the Mobile Service Warranty Bulletin - for convenience, a copy has been linked within Recall Central on DealerCONNECT.

### PARTS INFORMATION

**IMPORTANT:** No parts are required to perform the inspection procedure. Only order the Radio Frequency Hub (RF-HUB) antenna if inspection procedure confirms the wire is pinched and RF-HUB antenna requires replacement.

Part No.	Qty.	Part Name
68631317AA	1	Antenna - Radio Frequency Hub (RF-HUB)
06105124AA	1	Bolt, Seat Belt Retractor (.437-20X35.00)

### PARTS RETURN

No parts return required for this campaign.

Render the suspect damaged Radio Frequency Hub (RF-HUB) antenna unusable and discard.

### SPECIAL TOOLS

Number	Description
NPN	wiTECH MicroPod II / MDP
NPN	Laptop Computer
NPN	wiTECH Software
NPN	Trim Stick

### DEALER NOTIFICATION

To view this notification on DealerCONNECT, select "Global Recall System" on the Service tab, then click on the description of this notification.

### OWNER NOTIFICATION / SERVICE SCHEDULING

All involved vehicle owners known to FCA are being notified of the service requirement by first class mail. They are requested to schedule appointments for this service with their dealers.

### VEHICLE LISTS, GLOBAL RECALL SYSTEM, VIP AND DEALER FOLLOW UP

All involved vehicles have been entered into the DealerCONNECT Global Recall System (GRS) and Vehicle Information Plus (VIP) for dealer inquiry as needed.

GRS provides involved dealers with an updated VIN list of their incomplete vehicles. The owner's name, address and phone number are listed if known. Completed vehicles are removed from GRS within several days of repair claim submission.

To use this system, click on the "Service" tab and then click on "Global Recall System." Your dealer's VIN list for each recall displayed can be sorted by: those vehicles that were unsold at recall launch, those with a phone number, city, zip code, or VIN sequence.

**Dealers must perform this repair on all unsold vehicles before retail delivery.** Dealers should also use the VIN list to follow up with all owners to schedule appointments for this repair.

*Recall VIN lists may contain confidential, restricted owner name and address information that was obtained from the Department of Motor Vehicles of various states. Use of this information is permitted for this recall only and is strictly prohibited from all other use.*

### ADDITIONAL INFORMATION

If you have any questions or need assistance in completing this action, please contact your Service and Parts District Manager.

Customer Services / Field Operations  
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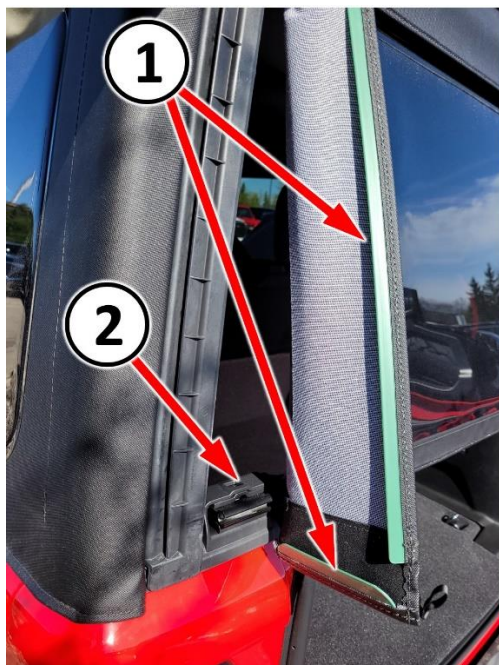
## SERVICE PROCEDURE

### A. Inspect Radio Frequency Hub (RF-HUB) Antenna Wire for Pinch Condition:

1. Open the swing gate all the way to ensure clearance of the rear window (Figures 1 or 2).
2. **If equipped with Hard Top:** Lift the rear window glass (Figure 1).
3. **If equipped with Soft Top:** Remove the rear window's plastic retainers from the lower right and left corners and sides. Then grasp the tailgate bar, rotate it outward and upward releasing it from both the right and left retainers. Lift the soft top rear window panel and set it on top of the vehicle roof (Figure 2).
4. Fold the rear seat forward for access during this inspection and potential repair process.



**Figure 1 – Hard Top**



**Figure 2 – Soft Top**

1 - Window Plastic Retainers

2 - Tailgate Bar

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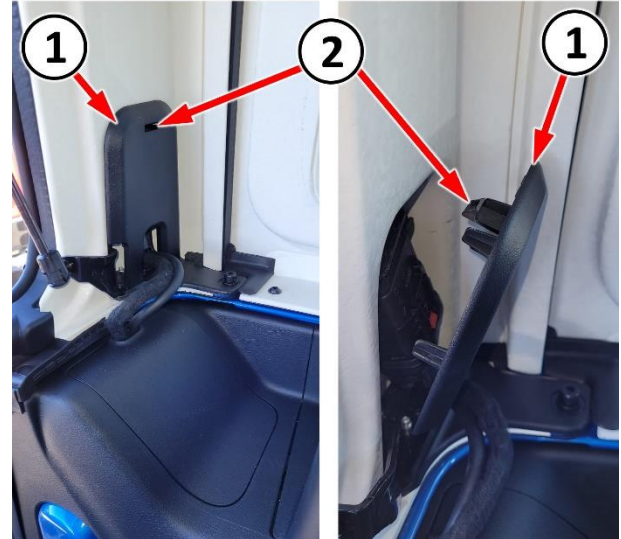


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**NOTE:** The following steps are performed in the left rear corner of the vehicle.

5. If equipped with a hard top and is equipped with the trim cover shown in (Figure 3): Insert a trim stick or similar tool into the retaining tab slot, then depress the retaining tab to release the trim cover and tilt the trim cover outward to remove (Figure 3).



**Figure 3 – Hard Top Trim Cover**

1 – Trim Cover

2 – Slot and Retaining Tab

6. Remove the (wire harness / washer hose) storage compartment cover (Figure 4).



**Figure 4 – Storage Compartment Cover**

1 – Cover

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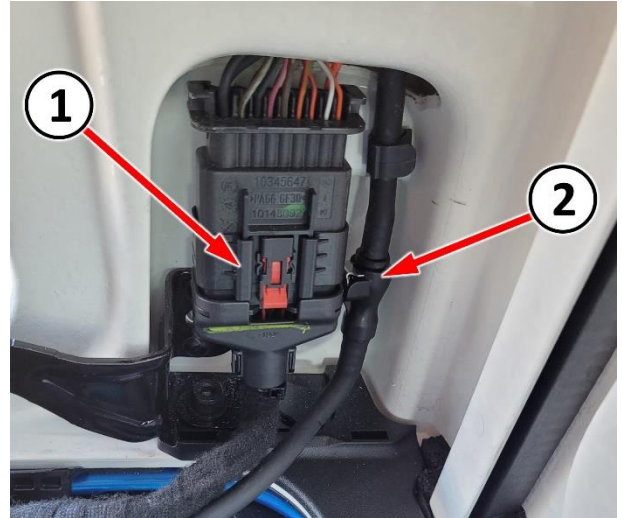
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7. **If equipped with a hard top:** Disconnect the hardtop wire harness connector (Figure 5).
8. **If equipped with a hard top:** Disconnect the washer hose connection (Figure 5).



**Figure 5 – Hard Top Wire Harness and Hose Connections**

1 – Wire Harness Connector

2 – Washer Hose

9. **If equipped with Soft Top:** It may be necessary to release the wire harness connector and washer hose from the storage receptacle if so equipped (Figure 6).



**Figure 6 – Wire Harness and Hose Connection Storage Compartment**

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10. Lift the load floor panel then slide the tab over to release the rear scuff plate and remove the rear scuff plate (Figure 7).

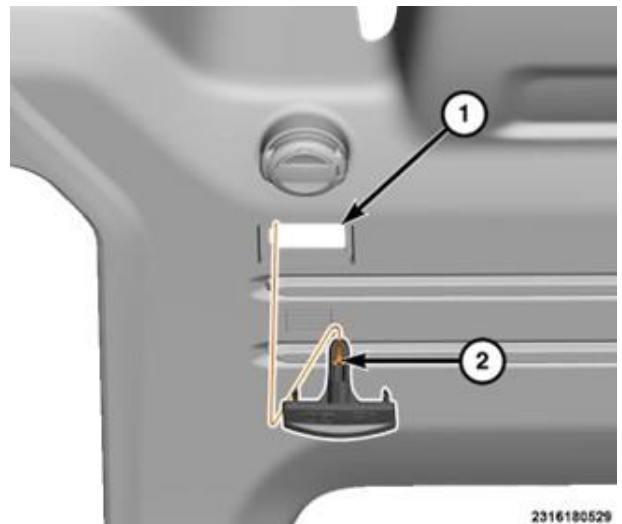


**Figure 7 – Rear Scuff Plate**

1 - Tab

2 - Rear Scuff Plate

11. **If equipped;** separate the fuel door release handle from the quarter trim panel and disconnect the cable (Figure 8).



**Figure 8 – Fuel Door Release Handle**

1 - Quarter Trim Panel

2 - Cable

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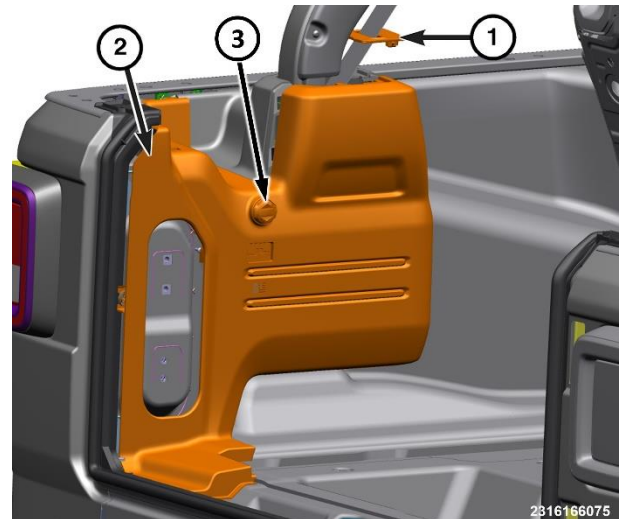
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12. Remove the seat belt bezel attached to the inner and outer rear quarter trim panels (Figure 9).

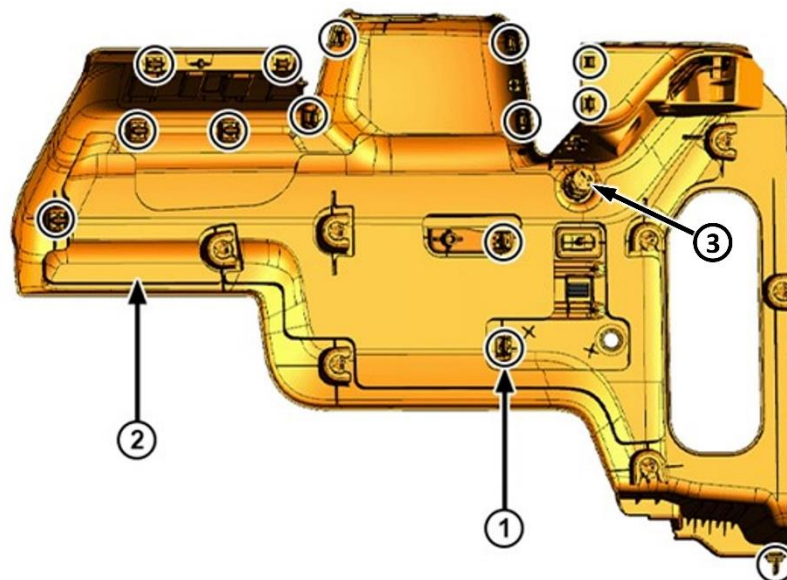
13. Using trim stick or equivalent, disengage the retaining clips and loosen the quarter trim panel (Figures 9 and 10).

14. Pull the quarter trim panel away and disconnect the power outlet wire harness connector, if equipped (Figures 9 and 10).



**Figure 9 – Left Side Quarter Trim Panel**

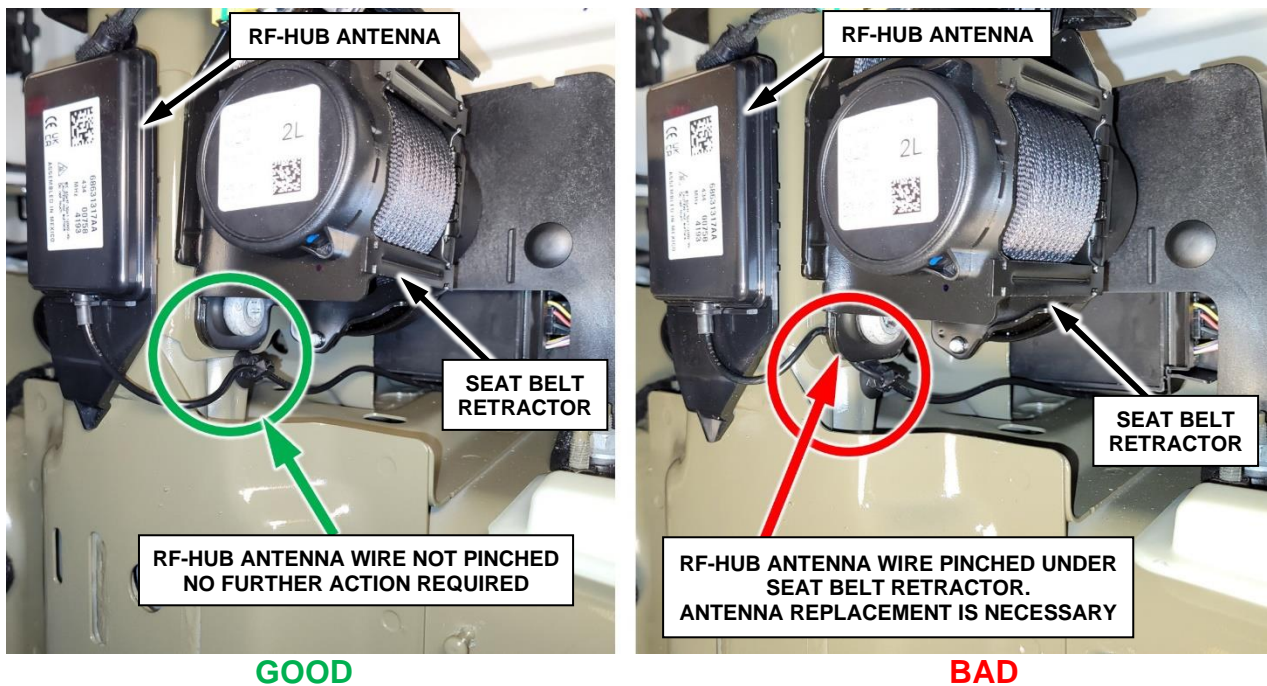
- 1 - Seat Belt Bezel
- 2 - Quarter Trim Panel
- 3 - Power Outlet



**Figure 10 – Left Side Quarter Trim Panel Retainer Locations**

- 1 - Retaining Clips
- 2 - Quarter Trim Panel
- 3 - Power Outlet

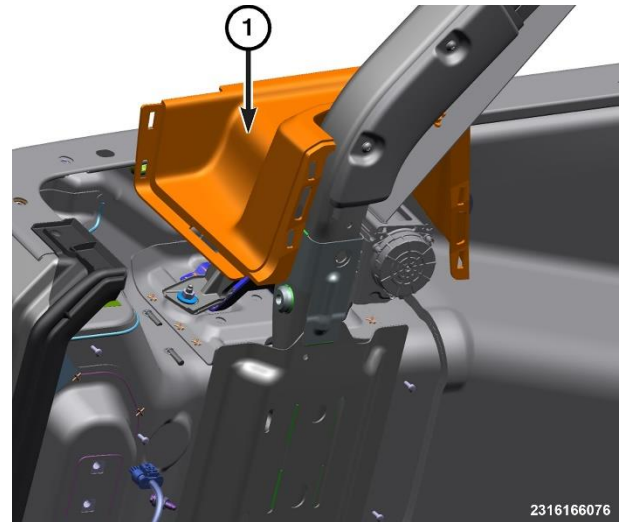
15. Inspect the Radio Frequency Hub (RF-HUB) antenna wire (Figure 11).
16. Is the RF-HUB antenna wire trapped under the seat belt retractor? Refer to (Figure 11).
- **NO:** RF-HUB antenna wire is **NOT** trapped under the seat belt retractor. Claim the inspection LOP.
    - a) Reinstall the quarter trim panel and rear scuff plate in reverse order of disassembly verifying all clips are fully secured.
    - b) If equipped with hard top: Reconnect the electrical connector and washer hose to the hard top and install the trim cover if equipped.
    - c) Position the rear seat where customer had it then close the rear window and swing gate.
  - **YES:** RF-HUB antenna wire **IS** trapped under the seat belt retractor. Proceed to: **Radio Frequency Hub (RF-HUB) Antenna Replacement.**



**Figure 11 – Inspect for RF-HUB Antenna Wire Trapped Under Seat Belt Retractor.**

**B. Radio Frequency Hub (RF-HUB) Antenna Replacement:**

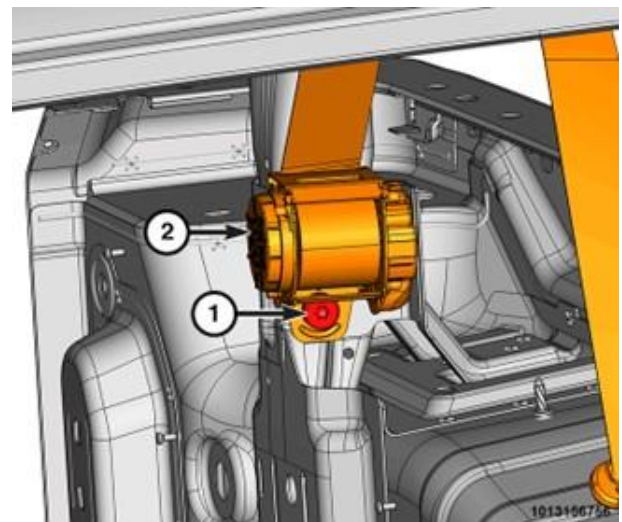
17. Using a trim stick or equivalent, release the retaining clips securing the outer quarter trim panel. Remove the outer trim panel (Figure 12).



**Figure 12 – Outer Quarter Trim Panel**

1 - Outer Quarter Trim Panel

18. Remove and **DISCARD** the bolt that secures the seat belt retractor to the quarter inner panel (Figure 13).



**Figure 13 – Rear Seat Belt Retractor**

1 - Bolt

2 - Retractor

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19. Remove the two fasteners securing the Radio Frequency Hub (RF-HUB) module bracket (Figure 14).

**NOTE: Removal of the RF-HUB module bracket fasteners will allow the RF-HUB module to be repositioned for easier access to the RF-HUB antenna connector.**

20. Disconnect the RF-HUB antenna wire harness connector (Figure 15).

21. Release the RF-HUB antenna wire harness push pin retainer (Figure 15).

22. Pull outward on the RF-HUB antenna housing to disengage the locking tabs, then remove the RF-HUB antenna from the vehicle (Figure 15).

23. Render the damaged RF-HUB antenna unusable and **DISCARD**.

24. Install a **NEW** bolt that secures the seat belt retractor to the quarter inner panel and tighten the bolt to 32 N-m (24 Ft. Lbs.) (Figure 13).

25. Obtain a **NEW** RF-HUB antenna then engage the locking tabs to secure it to the vehicle (Figure 15).

26. Secure the RF-HUB antenna wire harness push pin retainer (Figure 15).

27. Connect the RF-HUB antenna wire harness connector (Figure 15).

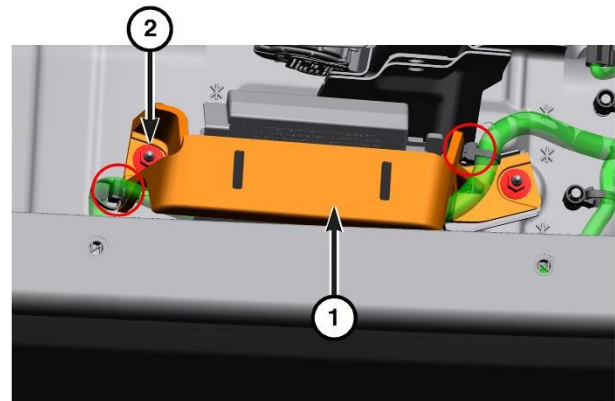
28. Install and tighten securely the two fasteners securing the Radio Frequency Hub (RF-HUB) module bracket (Figure 14).

29. Reinstall the quarter trim panel and rear scuff plate in reverse order of disassembly verifying all clips are fully secured.

30. **If equipped with hard top:** Reconnect the electrical connector and washer hose to the hard top and install the trim cover if equipped.

31. Position the rear seat where customer had it then close the rear window and swing gate.

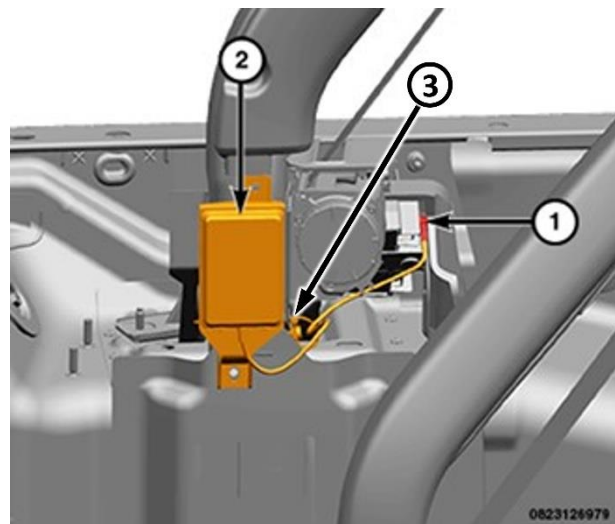
32. Using the vehicle key fob, confirm that remote start system and/or remote keyless entry operate as intended. This will confirm the new RF-HUB antenna is functioning.



**Figure 14 – Radio Frequency Hub**

1 - Radio Frequency Hub Bracket

2 - Fastener



**Figure 15 – RF-HUB Antenna**

1 - Wire Harness Connector

2 - RF-HUB Antenna

3 - Push Pin Fastener

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33. Return vehicle to the customer or inventory.