 Technical Service Bulletin	GROUP	NUMBER
	BODY	24-BD-008G-1
	DATE	MODEL(S)
	DECEMBER 2024	GV70 (JK1) GV80 (JX1)
SUBJECT: SUNROOF DRAIN HOSE PLUGS REPAIR/REPLACEMENT		


This TSB supersedes TSB 24-BD-008G to make various updates including revisions to affected dates in Applicable Vehicles on page 1, Op. Codes and Notes in the Warranty Information section on page 2, and repair information on page 2 regarding water gurgling noise from the sunroof while driving in the rain.

Description: Certain GV70 (JK1) and GV80 (JX1) vehicles may exhibit water leakage inside the vehicle due to the sunroof drain hose plugs being clogged with foreign material or a water gurgling noise from the sunroof while driving in the rain. Follow the procedures in this bulletin to replace the front sunroof drain hose plugs and, if necessary, modify the rear drain hose plugs.


Applicable Vehicles:

- 2022-2023MY GV70 (JK1) produced from 03/10/2021 – 06/30/2022 (VINs beginning with KMU)
- 2021-2025MY GV80 (JX1) produced from 07/27/2020 – 08/12/2024 (VINs beginning with KMU)

Parts Information:

Model	Part Name	Part Number	Figure	Remarks
GV70 (JK1) GV80 (JX1)	Sunroof Front Drain Hose Plug	81686-T6090FFF		Qty: 2 required

Required Supplies:

Name	Product Number	Figure	Remarks
LOCTITE® Super Glue Gel Control™	234790		Quantity required: 1 bottle/vehicle (0.14 oz.) (commercially available)
Cutting Tool	N/A		Utility knife with snap-off blades (or equivalent cutting tool)
Tape Measure (any brand)	N/A		Commercially available

NOTE: LOCTITE® Super Glue Gel Control™ is recommended, but an equivalent product may be substituted only if it can be used on rubber (thermoplastic elastomer – TPE) and plastic (polyvinyl chloride – PVC) materials.

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
GV70 (JK1) GV80 (JX1)	40D180R0	Front Sunroof Drain Hose Plugs Replacement + Rear Sunroof Drain Hose Plugs Modification	0.9 M/H	81686-D2200	B33	ZZ1
	40D180R1	Front Sunroof Drain Hose Plugs Replacement Only	0.8 M/H		Q55	

NOTE 1: Submit claim on Claim Entry Screen as “Campaign” type.

NOTE 2: This TSB includes Repair validation photos. Op times include VIN, Mileage, and Repair validation photos as outlined in the Digital Documentation Policy.

NOTE 3: The incident parts are subject to callback through the normal Warranty Technical Center (WTC) parts return process. **Claim is subject to debit if the part is not returned.**

NOTE 4: If a part is found in need of replacement while performing this TSB and the affected part is still under warranty, submit a separate claim using the same repair order. If the affected part is out of warranty, submit a Prior Approval request for goodwill consideration prior to performing the work.

NOTE 5: Include cost/usage of equivalent super glue product in sublet as part of claim submission for reimbursement. Each Op. Code includes reimbursement of \$6.00 for use of super glue or equivalent product.

Service Procedure:

STUI



This TSB includes Repair validation photos. Refer to the latest Digital Documentation Policy for requirements.

If a vehicle exhibits the **water leak condition**, perform all the repair steps in this TSB. Use the first Op. Code (40D180R0) when submitting the campaign claim.

If a vehicle exhibits the **water gurgling noise from the sunroof while driving in the rain**, perform only the front sunroof drain hose plugs replacement (pages 3-11). Use the second Op. Code (40D180R1) when submitting the campaign claim.

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Front Driver Side (LH) Sunroof Drain Hose Plug Replacement

1. Record customer radio presets, if applicable. Disconnect the negative (–) terminal of the 12V battery (A).

Tightening Torque:

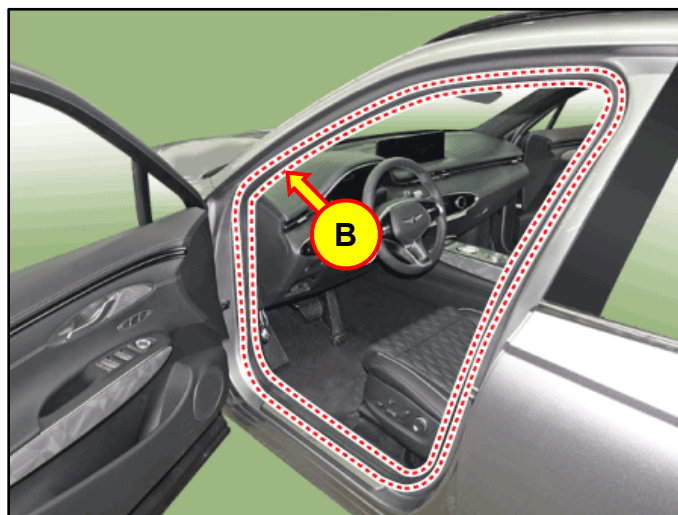
lb-ft	6.5
lb-in	78
N.m	9



2. Open the front door and remove the front door body weatherstrip (B).

Information

For more details on removal of components, refer to the applicable section of the Shop Manual, under Body (Interior and Exterior).

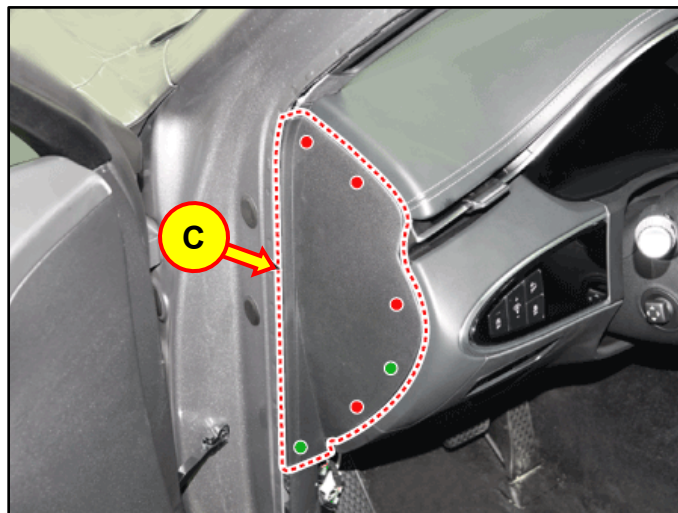


3. Remove the crash pad side cover (C).

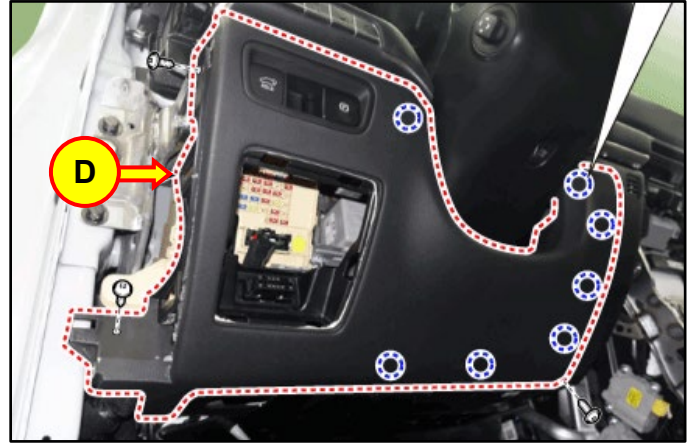
NOTICE

Use a trim removal tool when removing components to prevent damage.

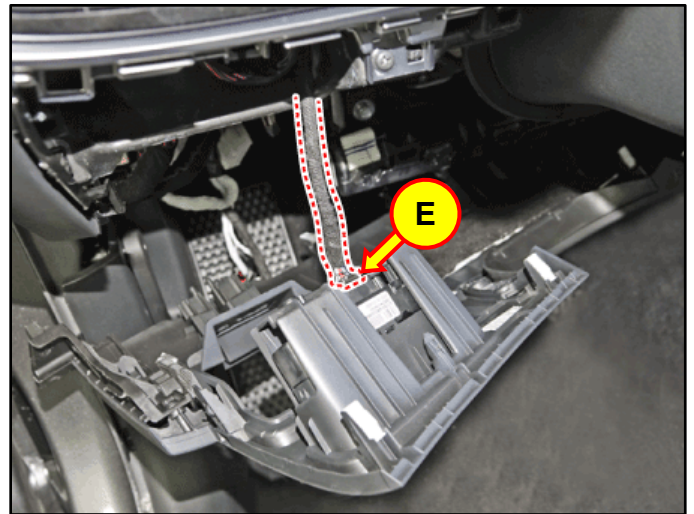
Be careful **NOT** to scratch components during removal.



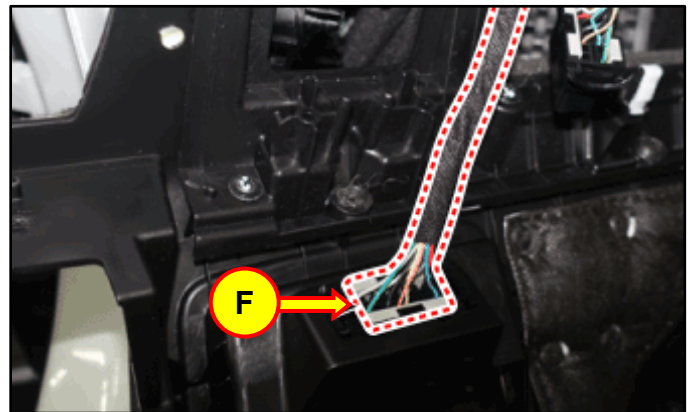
4. Remove the crash pad lower panel (D).



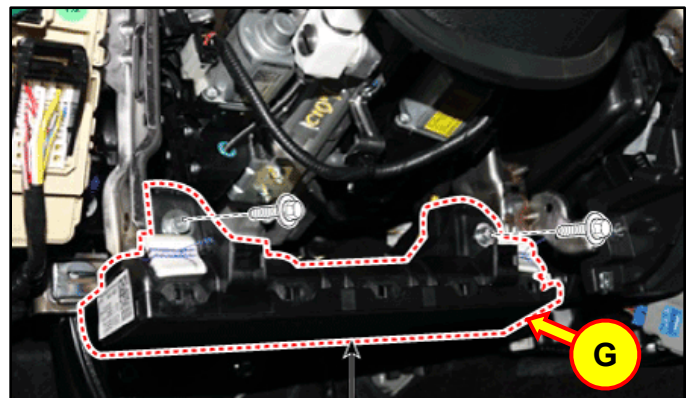
5. Disconnect the crash pad lower panel connector (E) by pressing the locking pin.



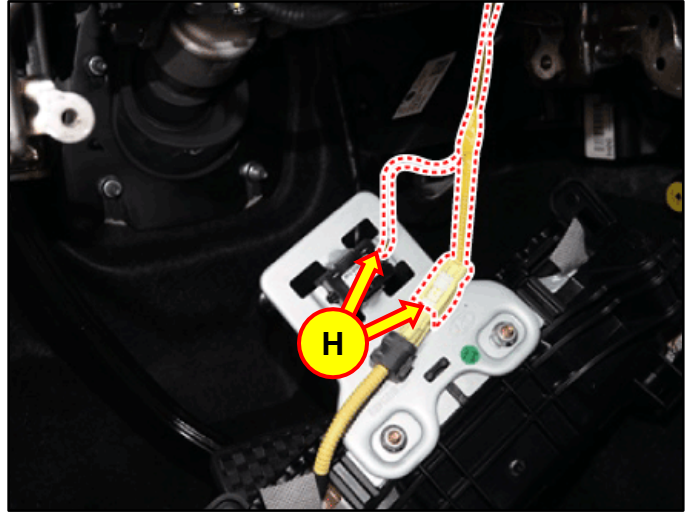
6. Disconnect the DLC connector (F) by pressing the locking pin.



7. Remove the knee airbag module (G).



8. Disconnect the knee airbag connectors (H) by pressing the locking pins.

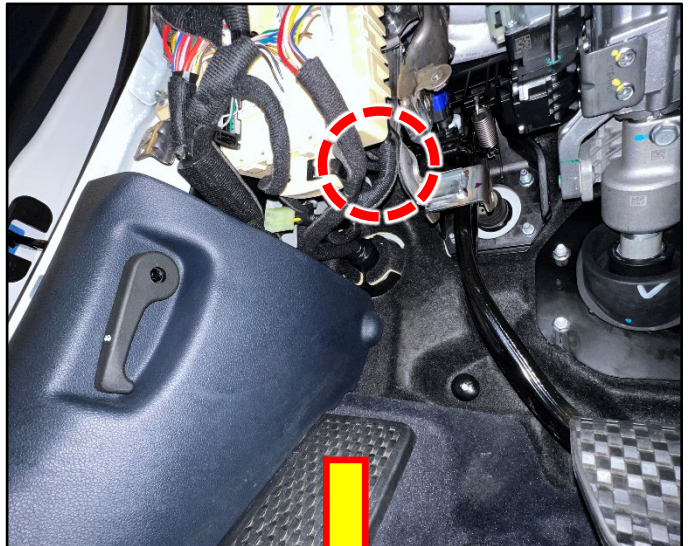


9. Locate the front driver side sunroof drain hose plug (I) underneath the crash pad and behind the Integrated Central Control Unit (ICU).

Remove the front driver side sunroof drain hose plug (I).

i Information

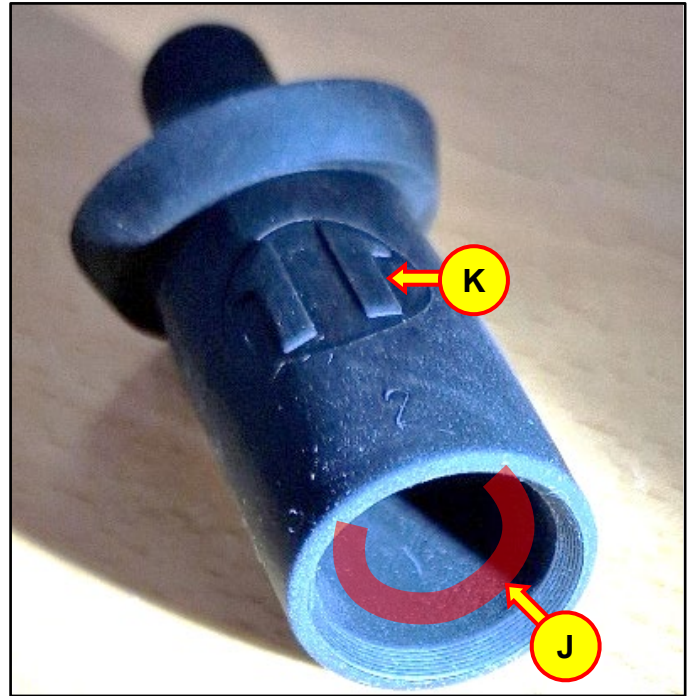
The plug may be removed by hand or with a clip removal tool.



10. Apply Loctite Gel Super Glue (234790), or equivalent, to the inner surface of the new drain plug (J).

i Information

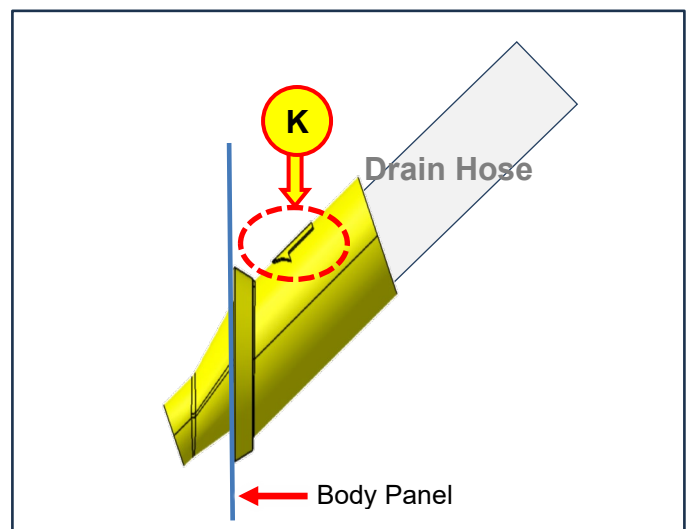
- Ensure Super Glue is applied to the entire circumference of the inner surface.
- If an alternative super glue or adhesive is used, verify that it is approved for use on rubber (TPE) and plastic (PVC) before application.



11. Install the new drain hose plug (J) onto the drain hose.

i Information

- When installing the new drain hose plug, ensure the arrow (K) is facing upwards.
- Refer to diagram on the right for proper orientation of the drain hose plug during installation.



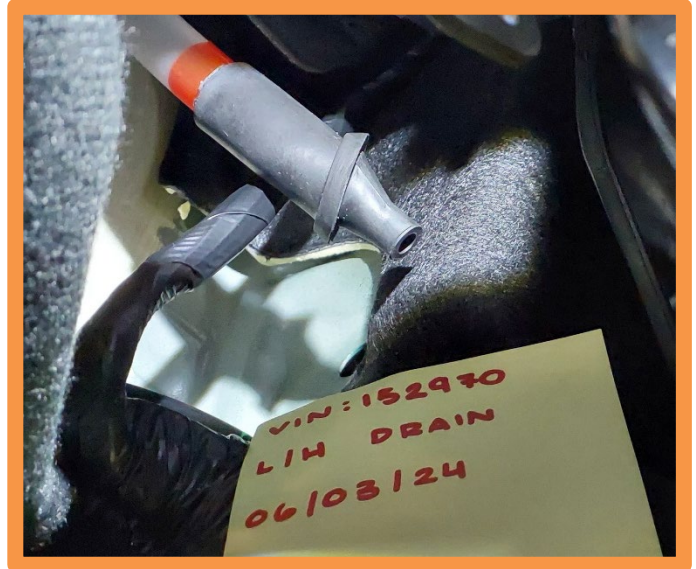
12.

STUI



Using STUI, take a photo of the new drain hose plug installed on the drain hose with the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photo to STUI.

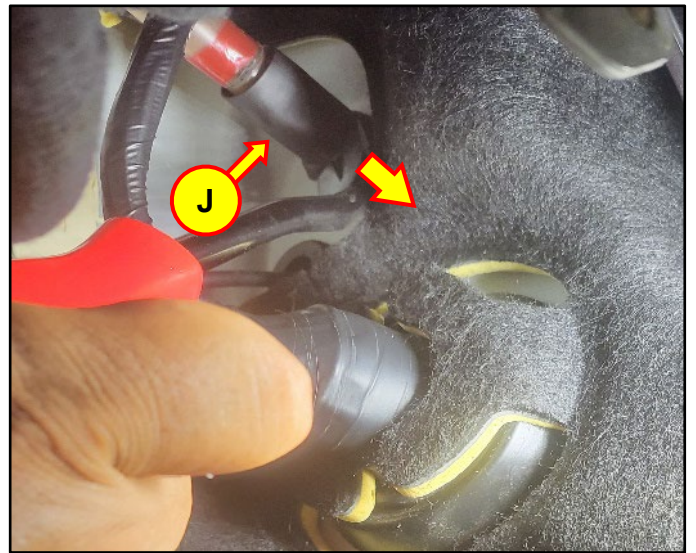


13. Insert the new drain hose plug (J) into the body and pull on the plug by hand to ensure it is seated properly and does **NOT** come out.

i

Information

Do **NOT** pull on the drain hose. Only pull on the drain hose plug.



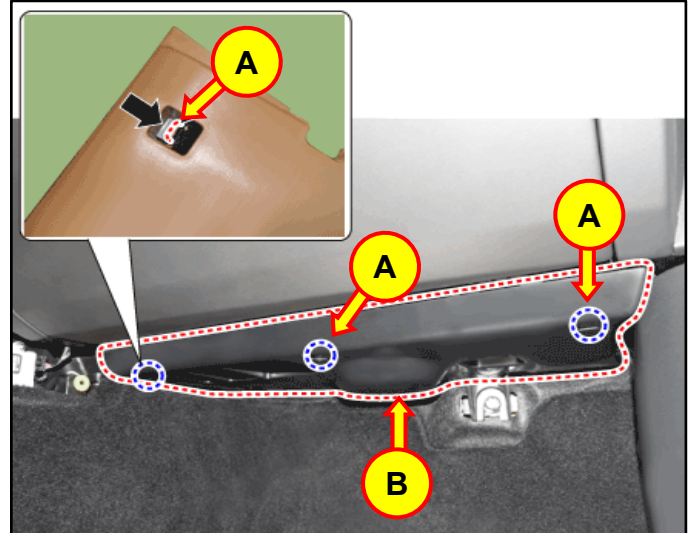
14. Reinstall all removed parts in the reverse order of removal, and reset customer's radio presets, if applicable.

Front Passenger Side (RH) Sunroof Drain Hose Plug Replacement

1. Press the locking pins (A) and remove the crash pad under cover (B).

NOTICE

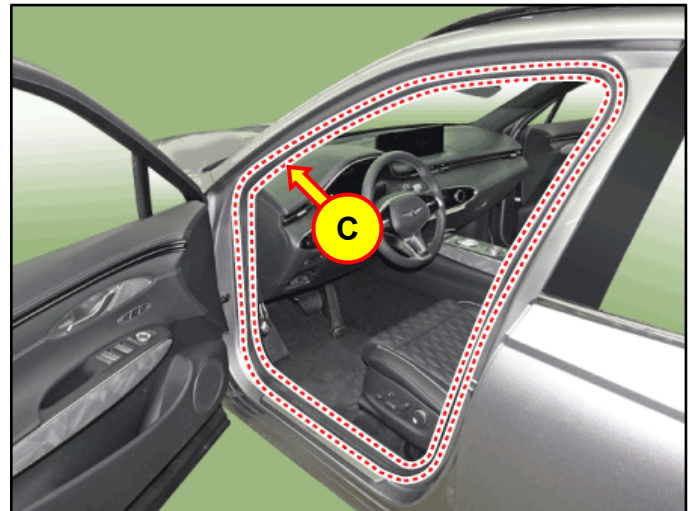
Use a trim removal tool when removing components to prevent damage and/or scratches.



2. Remove the front passenger door body weatherstrip (C).

i Information

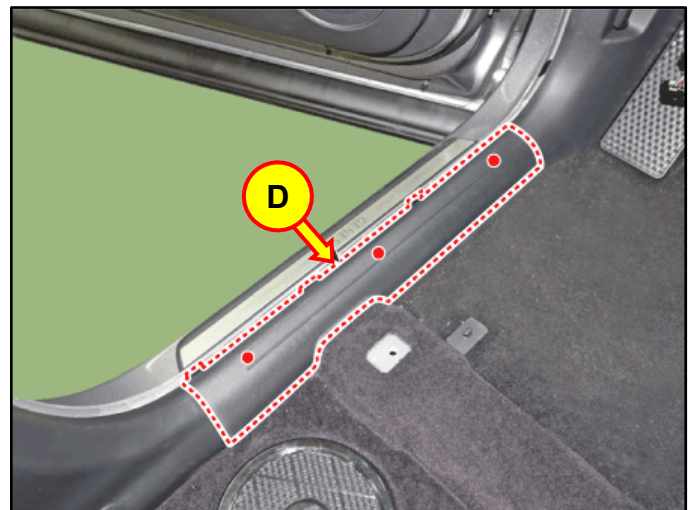
Front driver side shown as an example.



3. Remove the front passenger door scuff trim (D).

i Information

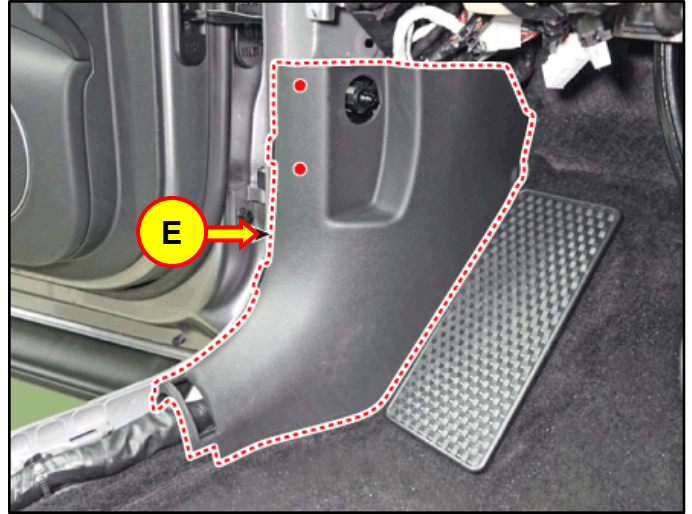
Front driver side shown as an example.



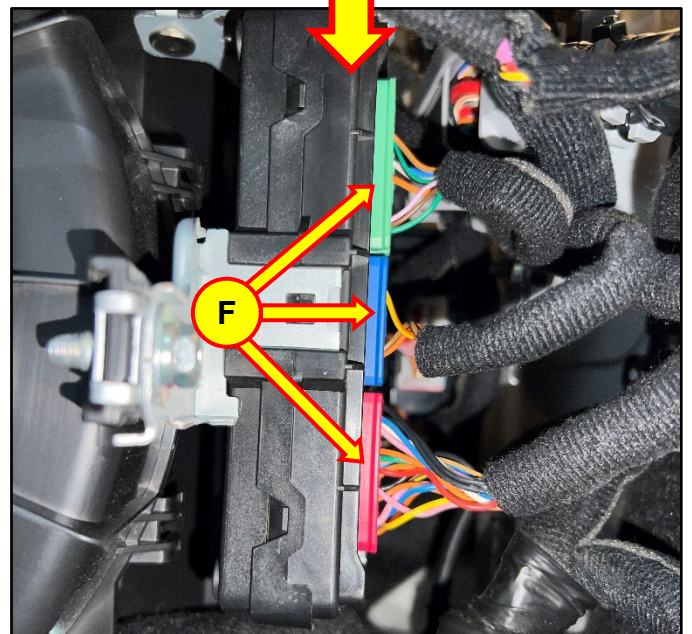
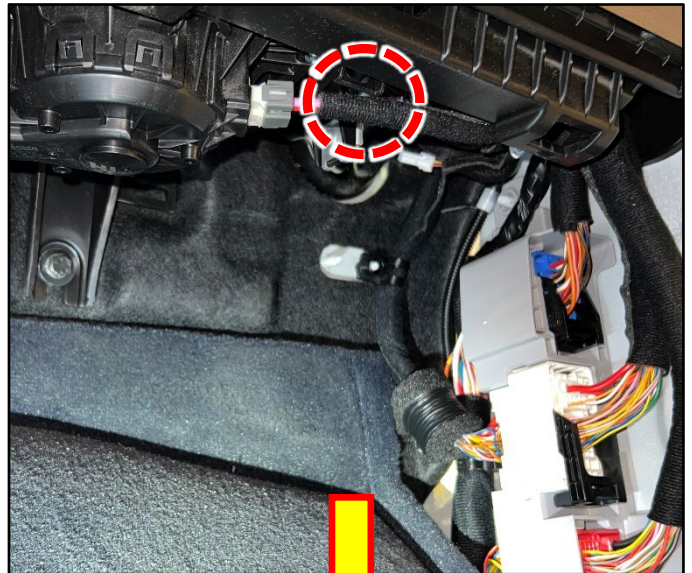
4. Remove the front passenger side cowl side trim (E).

i Information

Front driver side shown as an example.



5. Disconnect the 3 connectors (F) for the Integrated Body Control Unit (IBU) underneath the crash pad.

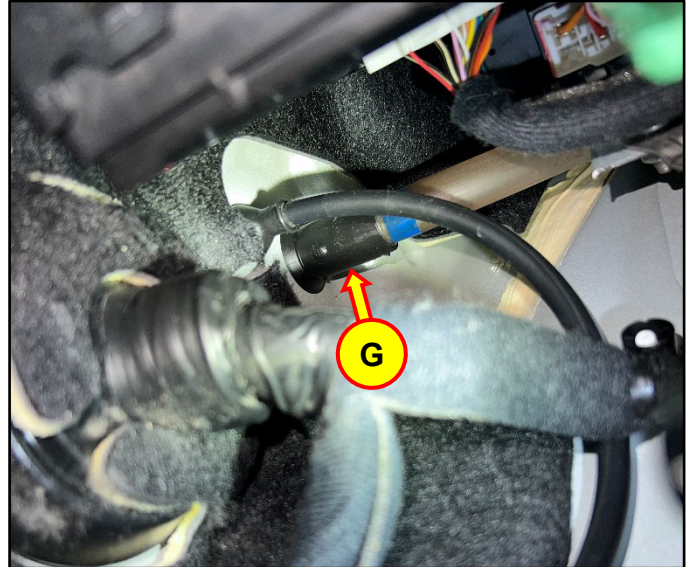


6. Locate the front passenger side sunroof drain hose plug (G) behind the crash pad and above the IBU connectors.

Remove the front passenger side sunroof drain hose plug (G).

i Information

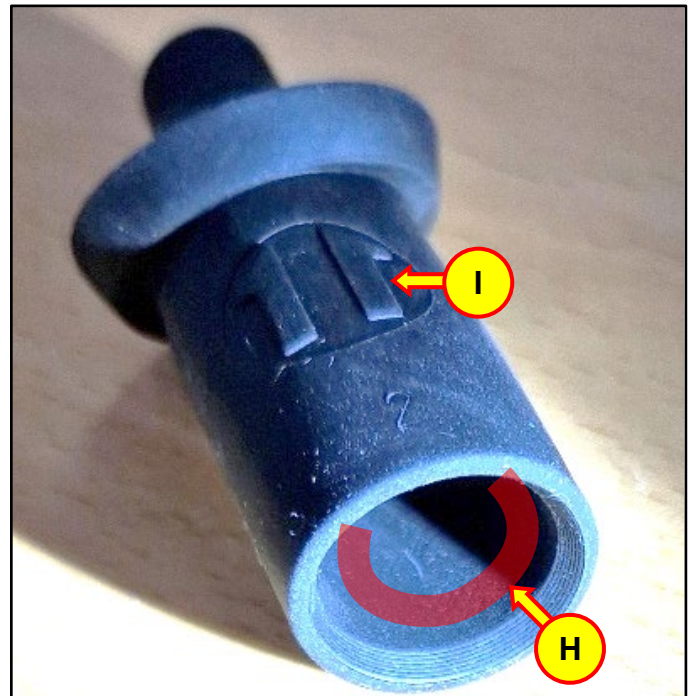
The IBU connectors and wiring harness may need to be moved out of the way to obtain access to the drain hose plug. The IBU does **NOT** need to be removed.



7. Apply Loctite Gel Super Glue (234790), or equivalent, to the inner surface of the new drain plug (H).

i Information

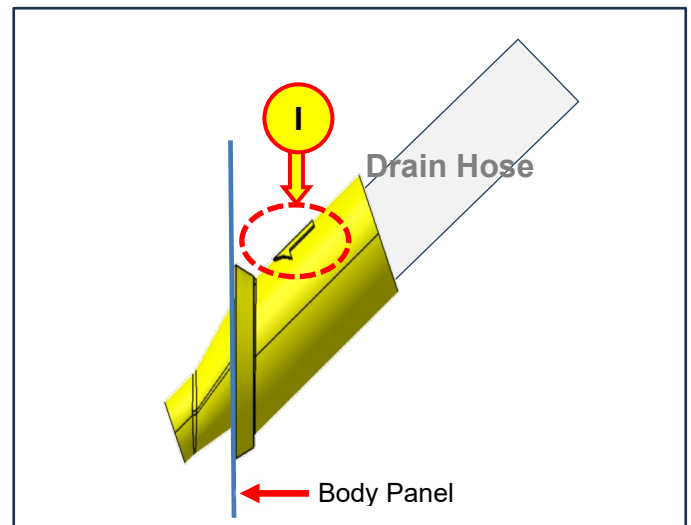
- Ensure Super Glue is applied to the entire circumference of the inner surface.
- If an alternative super glue or adhesive is used, verify that it is approved for use on rubber (TPE) and plastic (PVC) before application.



8. Install the new drain hose plug (H) onto the drain hose.

i Information

- When installing the new drain hose plug, ensure the arrow (I) is facing upwards.
- Refer to diagram on the right for proper orientation of the drain hose plug during installation.



9.

STUI



Using STUI, take a photo of the new drain hose plug installed on the drain hose with the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photo to STUI.

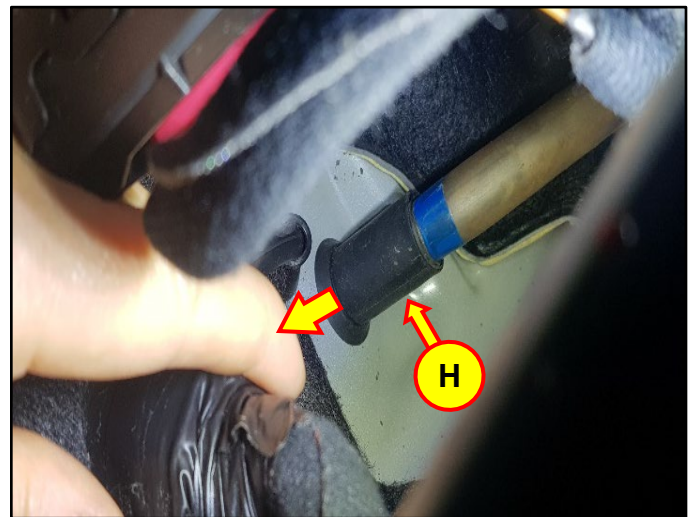


10. Insert the new drain hose plug (H) into the drain hole and pull on the plug by hand to ensure it is seated properly and does **NOT** come out.



Information

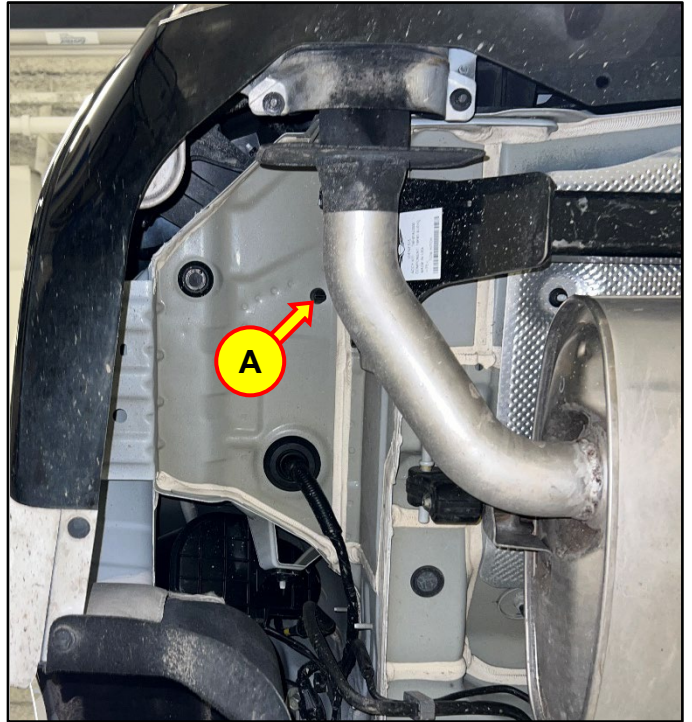
Do **NOT** pull on the drain hose. Only pull on the drain hose plug.



11. Reinstall all removed parts in the reverse order of removal.

Rear Sunroof Drain Hose Plug Repair

1. Raise the vehicle on a lift.
2. Locate the rear driver side drain hose plug (A) above the muffler.



3. Measure and cut off the tip of the rear drain hose plug as shown.

- Cut off approx.: **3/8 inch (10 mm)**



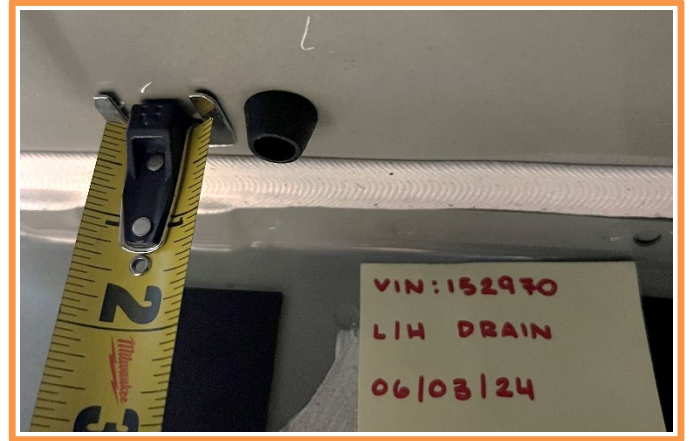
4.

STUI

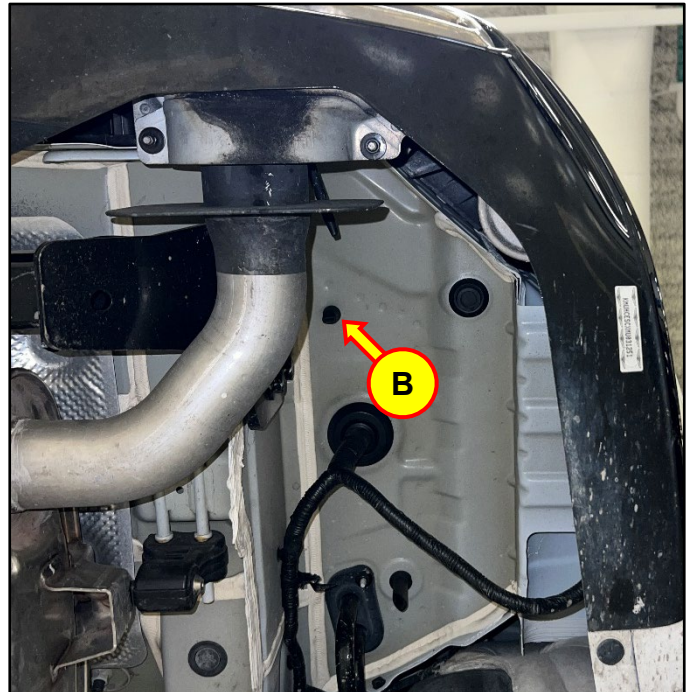


Using STUI, take a photo of the modified drain hose plug with the last 6 digits of the VIN and the date of repair on a piece of paper.

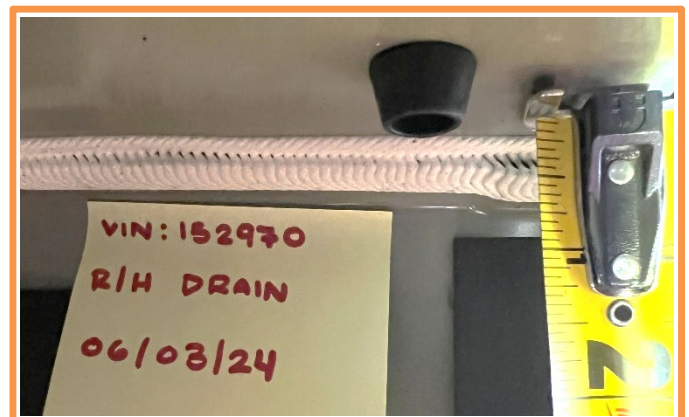
Upload the photo to STUI.



5. Locate the rear passenger side drain hose plug (B) above the muffler.



6. Repeat steps 3-4 on the rear passenger drain hose plug.



7. The service procedure is now complete.