



Technical Service Bulletin

GROUP	NUMBER
BODY	22-BD-007G
DATE	MODEL(S)
JULY, 2022	G70 (IK)

SUBJECT: WIDE SUNROOF NOISE REPAIR GUIDE

This TSB supersedes 20-BD-008G with new service procedures, parts information, and warranty information.

Description: Certain 2019 – 2021MY G70 (IK) vehicles may exhibit abnormal creak and/or rattling noise from the wide sunroof assembly while driving on uneven road conditions. This bulletin outlines the procedures to repair this condition.

Applicable Vehicles: Certain 2019 – 2021MY G70 (IK) vehicles produced before 10/4/2021.

Parts Information:

Parts Name	Part Number	Figure	Remarks	Qty.
Mechanism Locator Kit	81650-G9000FFF		1. LH Front Outside Locator	1
			2. LH Front Inside Locator	1
			3. RH Front Outside Locator	1
			4. RH Front Inside Locator	1
			5. Hex Bolt M6x12 HEAD M5	16
Silicone lubricant	N/A		N/A	1

NOTE: Silicone lubricant can be purchased at local/online retailers.

Warranty Information:

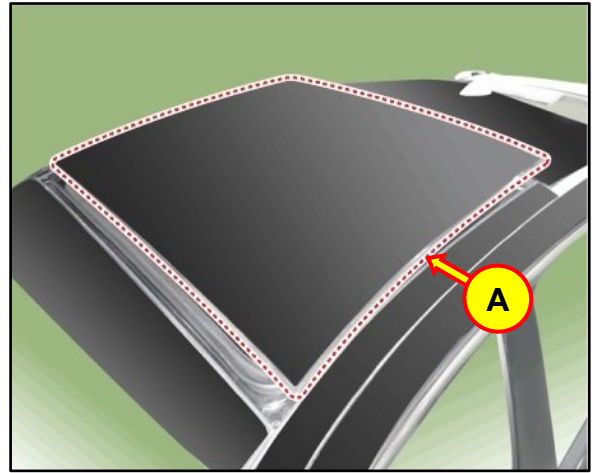
Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
G70 (IK)	81650F00	MOVING-GLASS REMOVAL AND KIT-PART REPLACEMENT	0.7 M/H	81650-G9000	Q56	ZZ1

NOTE: Normal warranty applies.

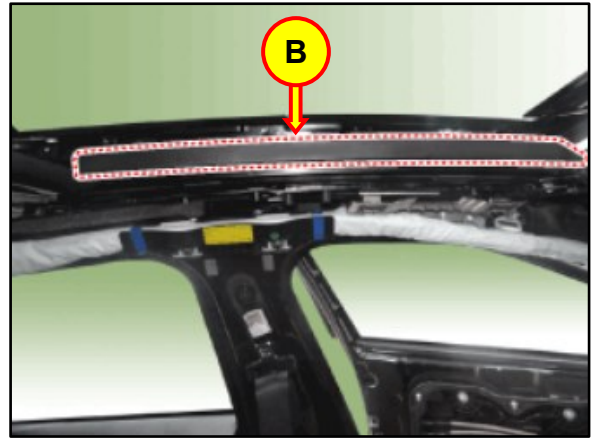
Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

Service Procedure:

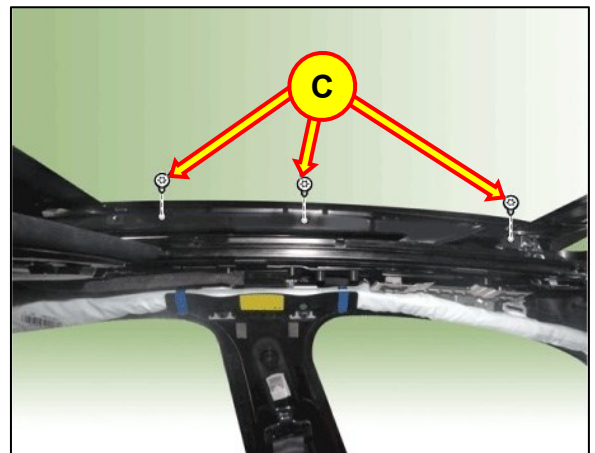
1. In the KEY-ON state, tilt the sunroof glass (A) by pressing the wide sunroof switch.



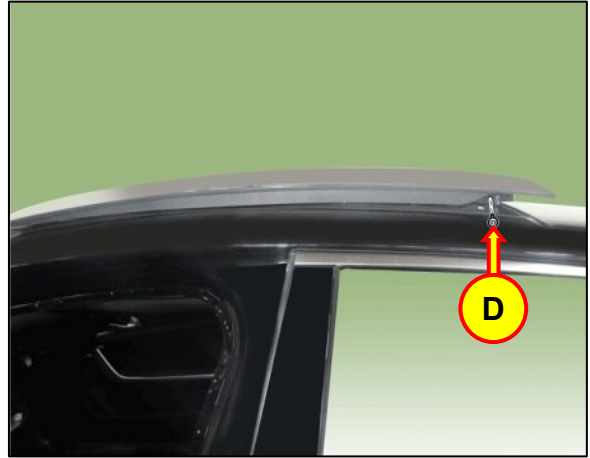
2. Remove both sunroof mechanism covers (B) on each side.



3. Remove the interior sunroof glass bolts (C) on each side.



4. Remove the exterior sunroof glass bolt (D) on each side.

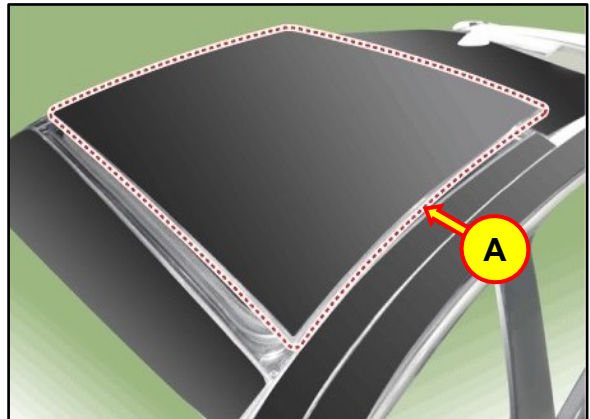


5. Carefully lift and remove the sunroof glass (A).

NOTICE

Assistance may be required to safely remove the glass.

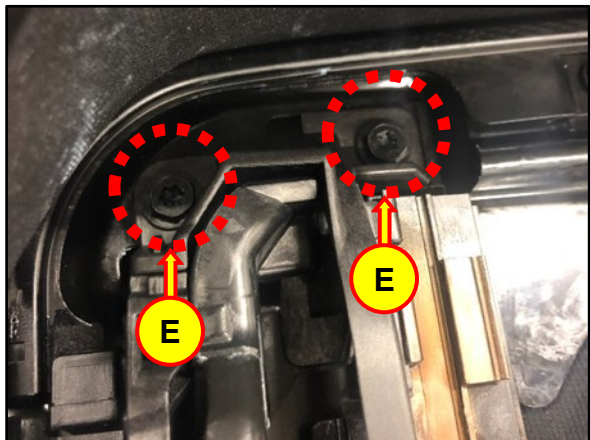
Place the glass on a workbench with a soft surface to prevent damage.



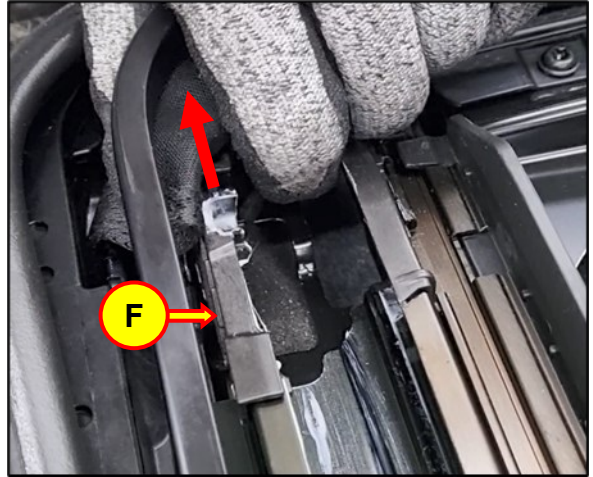
6. Move the sunroof mechanism rearwards approximately 2 inches using the wide sunroof switch.



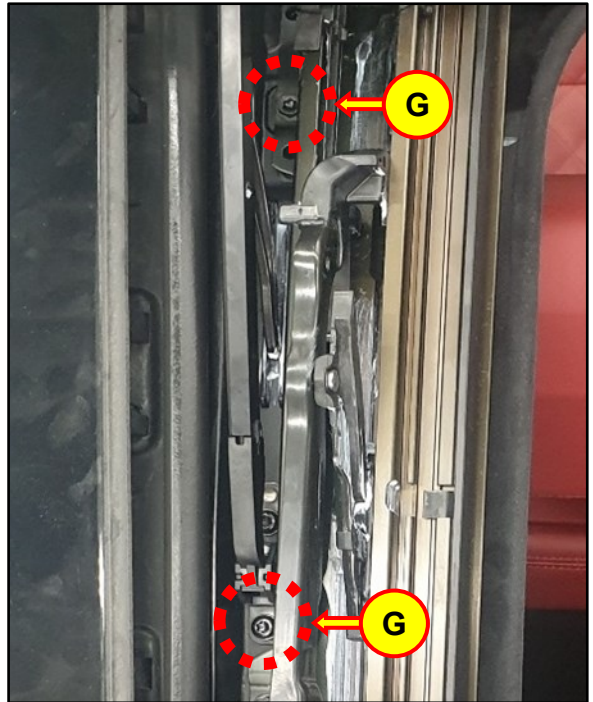
7. Remove the LH front outside locator bolts (E).



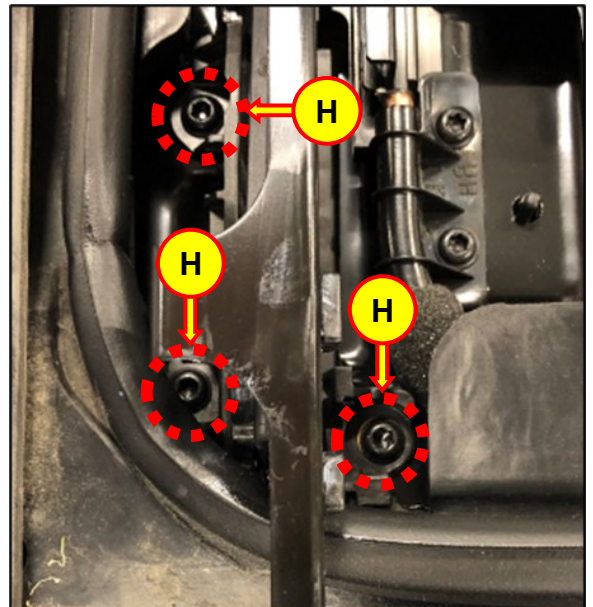
8. Remove the LH front outside locator (F) by pulling it towards the front of the vehicle.



9. Remove the 2 sunroof mechanism guide bolts (G).

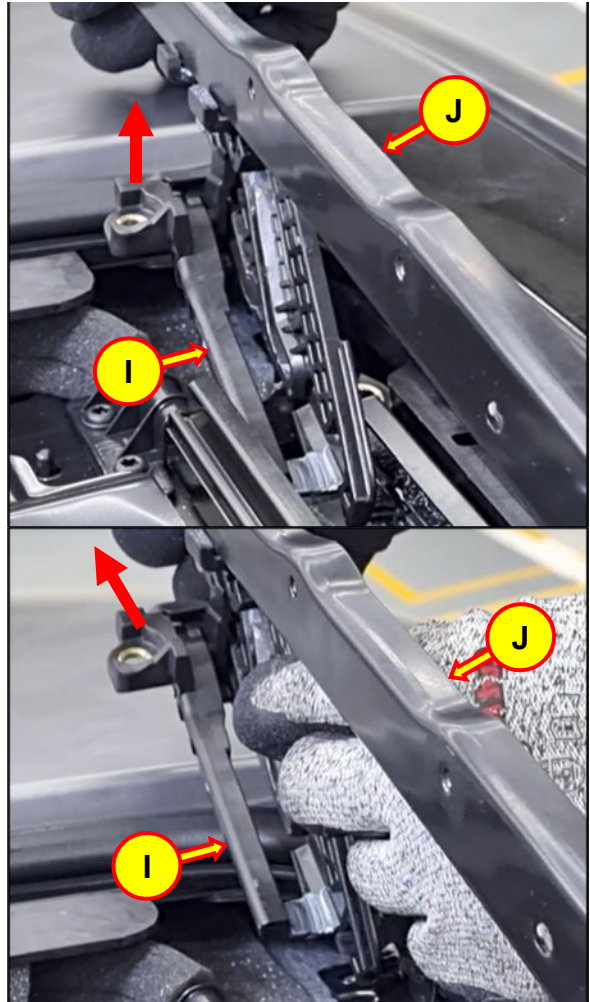


10. Remove the LH rear locator bolts (H).

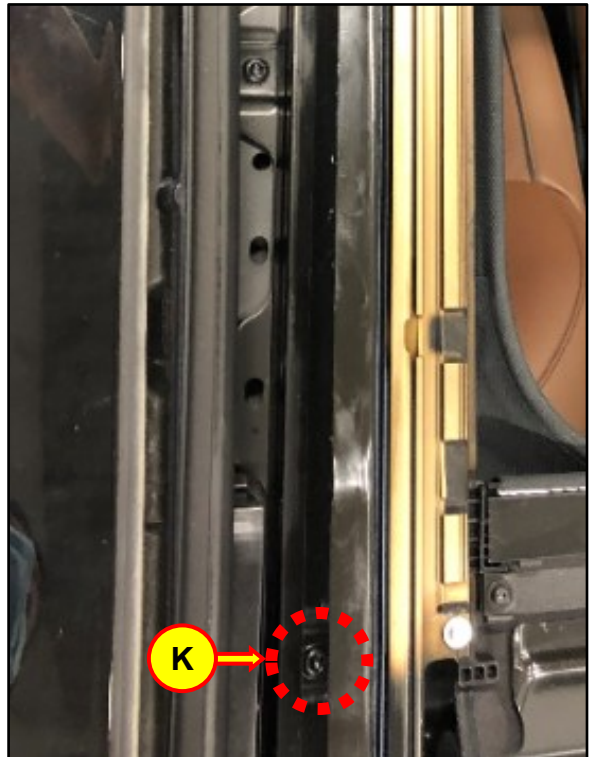


11. Remove the LH rear locator (I) by maneuvering it upwards out of the sunroof mechanism assembly.

Then, slide the LH rear locator rearward off the carriage bar (J).



12. Remove the bolt in the rear LH corner of the sunroof mechanism assembly (K).



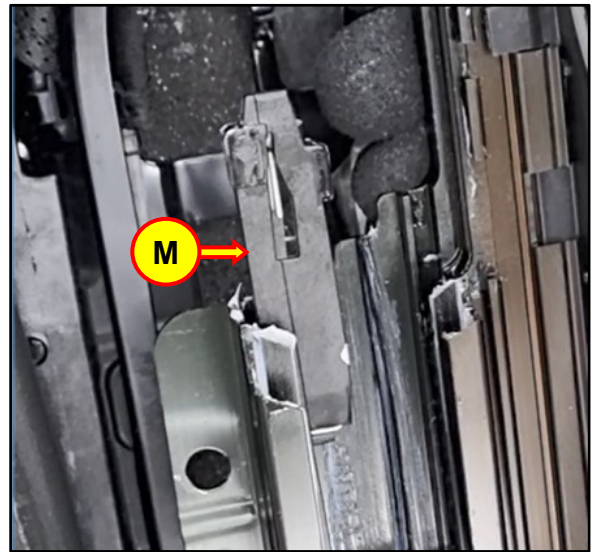
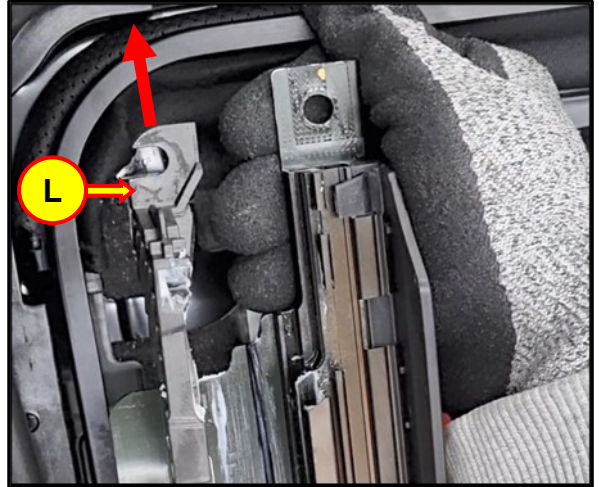
13. Lift the front of the sunroof mechanism assembly.
Remove the LH front inside locator (L) by pulling it towards the front of the vehicle.

NOTICE

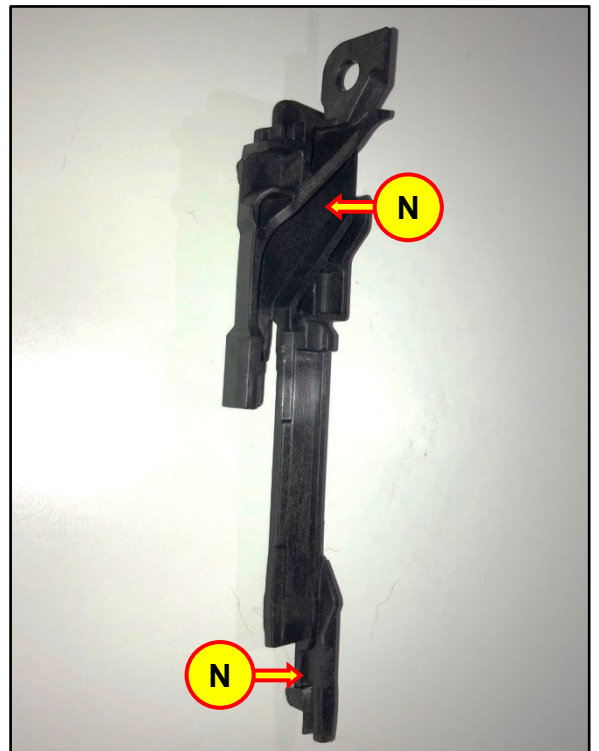
It may be necessary to push down the wind deflector to remove the inside locator.

NOTICE

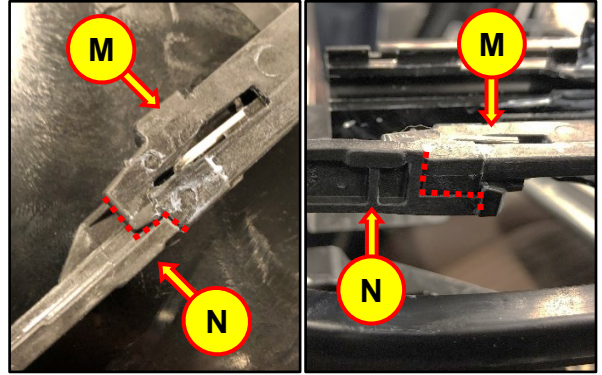
Do not fully remove the sunroof mechanism sled (M).



14. Apply silicone lubricant to the indicated grooves of new LH front inside locator (N).

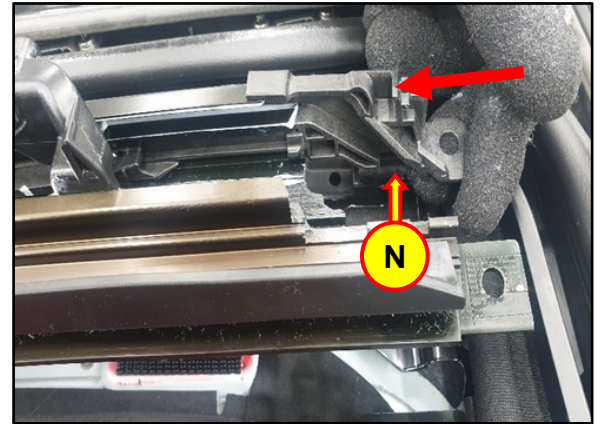


15. Align the new LH front inside locator (N) with the groove in sunroof mechanism sled (M).

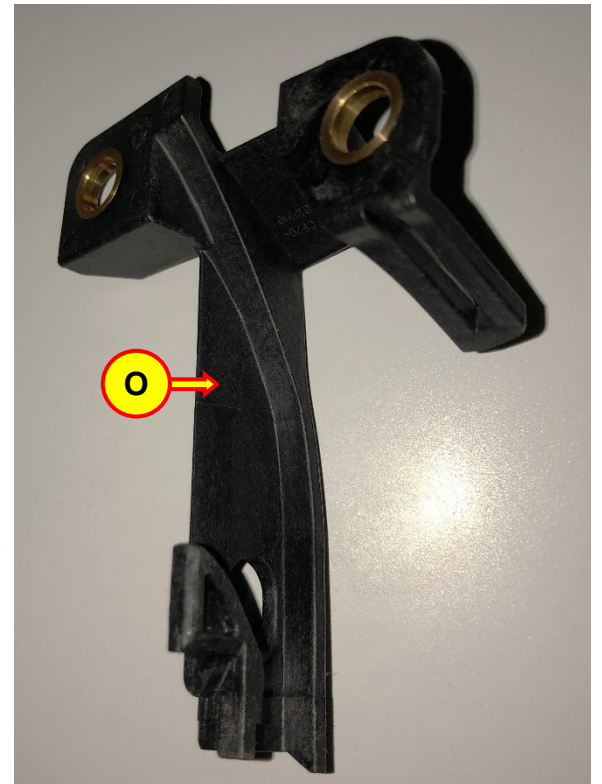


16. Slide the new LH front inside locator (N) and sunroof mechanism sled into the sunroof rail.

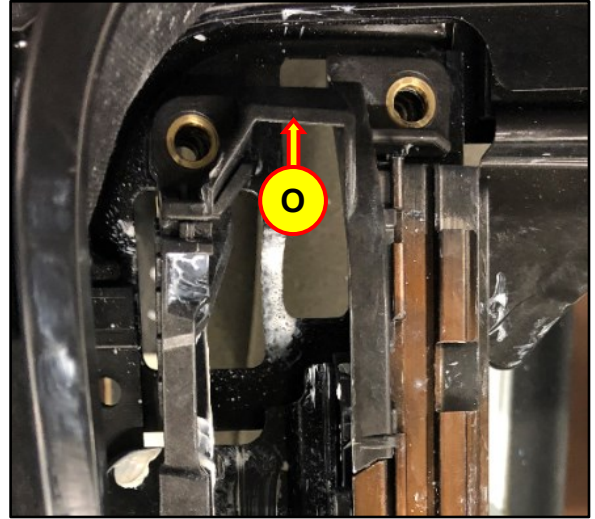
Then, place the sunroof mechanism assembly back down in its original position.



17. Apply silicone lubricant to indicated groove on the new LH front outside locator (O).



18. Install the new LH front outside locator (O).

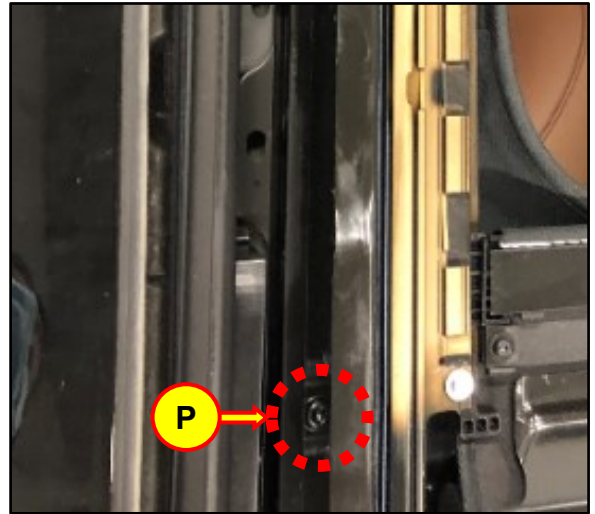


19. Install and tighten the new bolt to the rear LH corner of sunroof mechanism assembly (P) from step 12.

Tightening torque:
5 ft-lb (7 Nm)

NOTICE

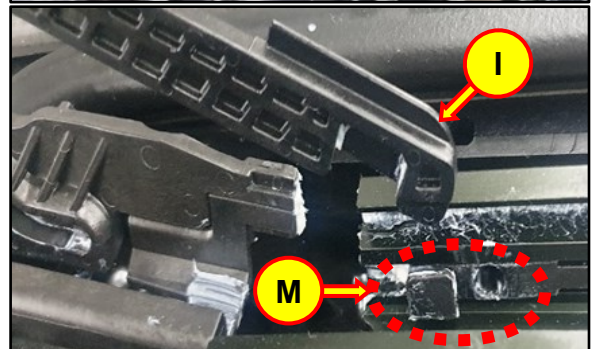
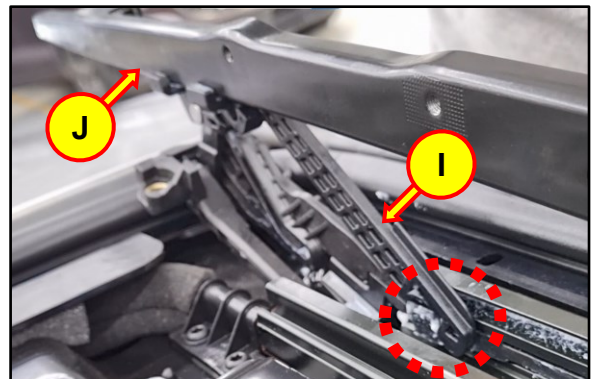
Use a new Torx bolt included with the sunroof mechanism locator kit.



20. Reinstall the LH rear locator (I) by sliding it onto the carriage bar (J).

Next, align the LH rear locator (I) with the groove & tab on the sunroof mechanism sled (M).

Then, maneuver the LH rear locator downwards back into its original position.

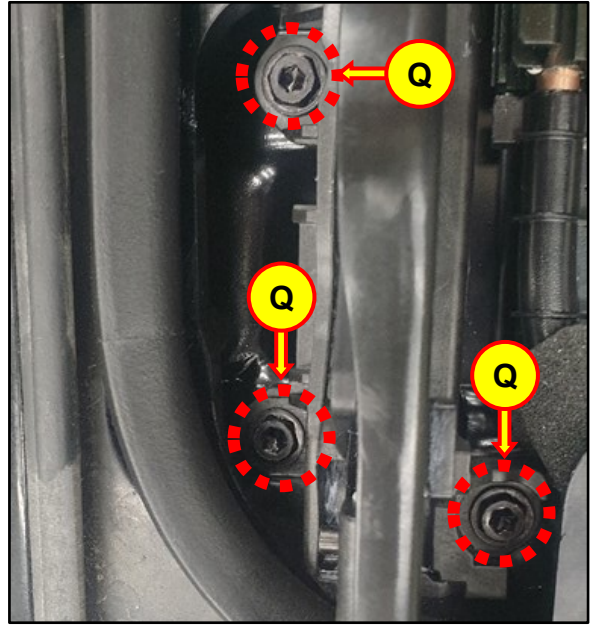


21. Install and tighten the 3 new LH rear locator bolts (Q).

Tightening torque:
5 ft-lb (7 Nm)

NOTICE

Use the new Torx bolts included with the sunroof mechanism locator kit.

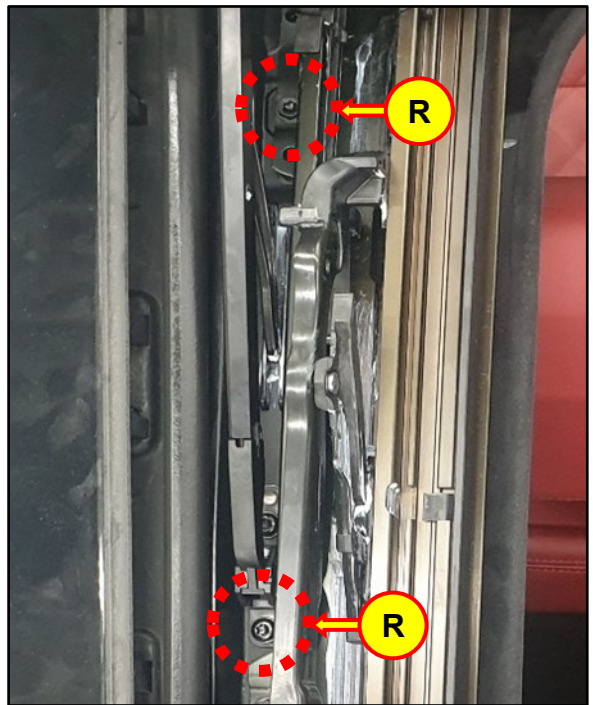


22. Install and tighten the 2 new sunroof mechanism guide bolts (R).

Tightening torque:
5 ft-lb (7 Nm)

NOTICE

Use the new Torx bolts included with the sunroof mechanism locator kit.

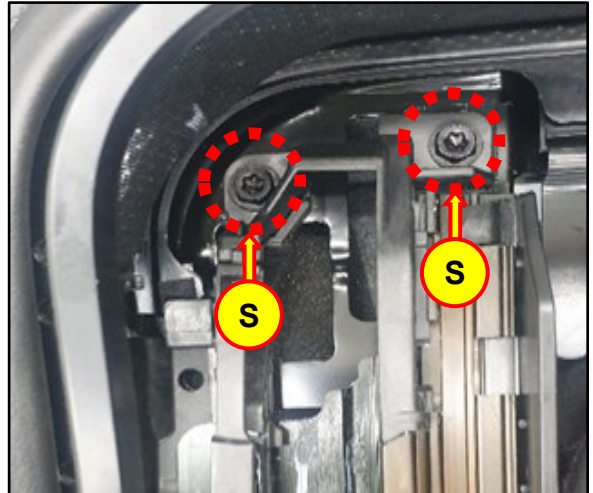


23. Install and tighten the 2 new LH outside locator bolts (S).

Tightening torque:
5 ft-lb (7 Nm)

NOTICE

Use the new Torx bolts included with the sunroof mechanism locator kit.



24. Repeat steps 7 – 23 on the RH side.

CAUTION

Do not reinstall the sunroof glass until the sunroof mechanism has been tested in the next step.

The sunroof glass may bind and become stuck if the sunroof mechanism is not properly reassembled.

25. Perform the reset procedure for the wide sunroof and test the sunroof mechanism for proper tilt and open/close functions.

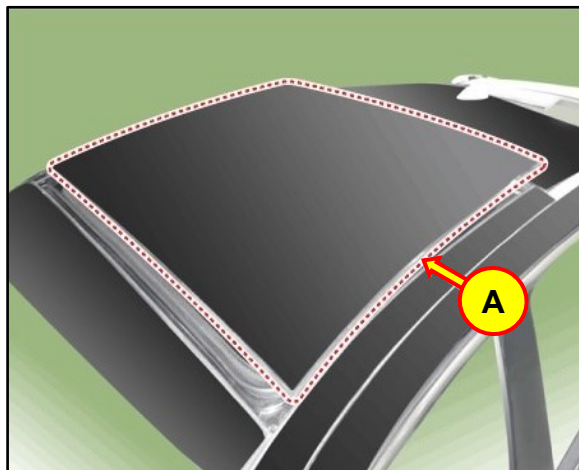
Refer to the shop manual for the wide sunroof reset procedure:

Body Electrical System > Sun Roof > Sunroof Motor > Repair Procedures



26. Put the sunroof mechanism in the tilt position by pressing the wide sunroof switch.

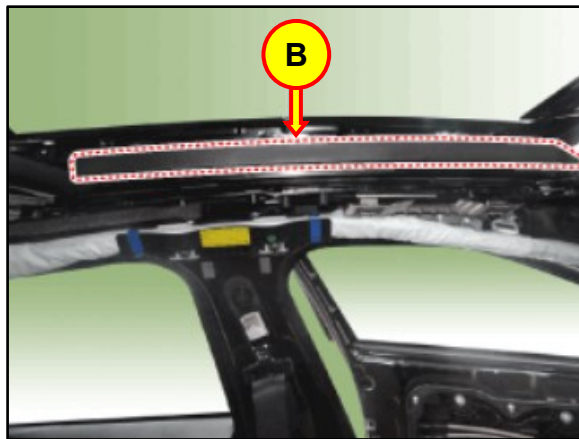
27. Reinstall the sunroof glass (A).



28. Adjust the sunroof glass to ensure proper flushness and fitment.

Refer to the shop manual for the sunroof glass inspection and alignment:
Body (Interior and Exterior) > Wide Sunroof > Repair Procedures > Inspect Glass Alignment

29. Reinstall both sunroof mechanism covers (B).



30. The service procedure is now complete.