



GROUP
BOD

MODEL
2017-2019MY
Cadenza (YG)

NUMBER
204 (Rev 1, 07/14/2021)

DATE
March 2020

TECHNICAL SERVICE BULLETIN

SUBJECT:

**PANORAMIC SUNROOF SLOW TO CLOSE AND/OR
ABNORMAL NOISE WHEN CLOSING**

* NOTICE

This bulletin has been revised to include additional information. New/revised sections of this bulletin are indicated by a black bar in the margin area.

This bulletin provides the procedure to repair a panoramic sunroof that exhibits a slow to close condition and/or abnormal noise when closing, on some 2017-2019MY Cadenza (YG) vehicles. Follow the procedure in this bulletin to clean, lubricate, and replace the rear tilt levers to correct the concern. DO NOT replace the sunroof assembly for this concern.

* NOTICE

Do not replace the sunroof assembly for this concern. Any associated claims for sunroof replacement are subject to Warranty review and chargeback.



Printed TSB copy is for reference only; information may be updated at any time.
Always refer to KGIS for the latest information.

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

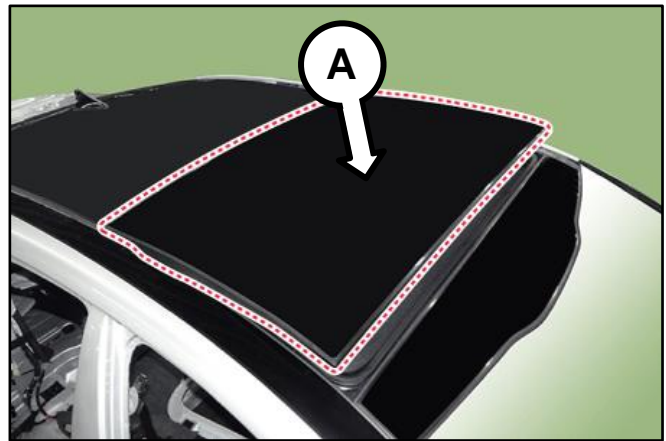
SUBJECT: PANORAMIC SUNROOF SLOW TO CLOSE AND/OR ABNORMAL NOISE WHEN CLOSING

Panoramic Sunroof Rail Cleaning and Tilt Lever Repair Procedure:

1. Inspect the operation of the panoramic sunroof and confirm the customer’s concern before conducting this repair.

*** NOTICE**
 If the sunroof is inoperative, proceed to normal diagnosis, and once corrected, inspect for the “slow-to-close” and/or “abnormal noise when closing” concern, and apply this TSB as necessary.

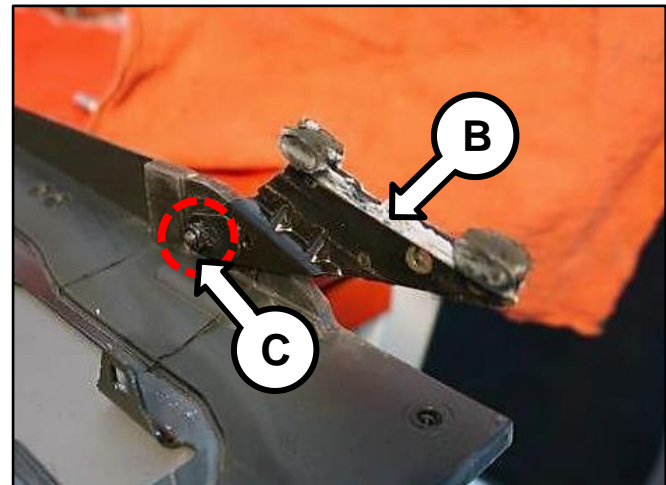
2. Remove the movable glass (A) by referring to the “Body (Interior and Exterior) → Panorama sunroof → Movable Glass → Repair procedures” chapter in the applicable Shop Manual on KGIS.



ⓘ IMPORTANT
 With the assistance of another person, lift and remove the movable glass from the vehicle.

⚠ CAUTION
 Use caution not to scratch, damage and/or break the glass during removal.

- 3a. Lay the glass on a soft, flat protected surface with the tilt levers (B) facing up.
- 3b. Remove the tilt lever(s) (B) retaining nut (C) and replace the tilt levers on both sides by referring to the application tilt lever table below:



Production Date	Lever Type	Part Number
Until 12/05/2018	A	81651 F6000 81651 F6000
After 12/06/2018	B	81651 F6001 81652 F6001

**Torque specification for nut (C):
 2.95 – 4.43 ft.lbs (4.0 – 6.0 Nm.,
 0.41 – 0.61kgfm)**



SUBJECT:

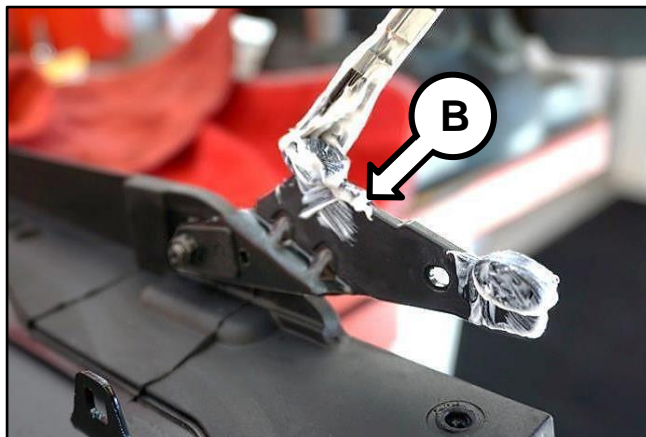
PANORAMIC SUNROOF SLOW TO CLOSE AND/OR ABNORMAL NOISE WHEN CLOSING

4. Lightly coat the tilt lever shoes (B) using the specified lubricant.

⚠ CAUTION

Failure to use the lubricant specified on page 6 of this bulletin may result in an ineffective or repeat repair.

Do not use Kia Dampening Grease (P/N UM011-CHA052), as it is not compatible with the grease used by the factory.



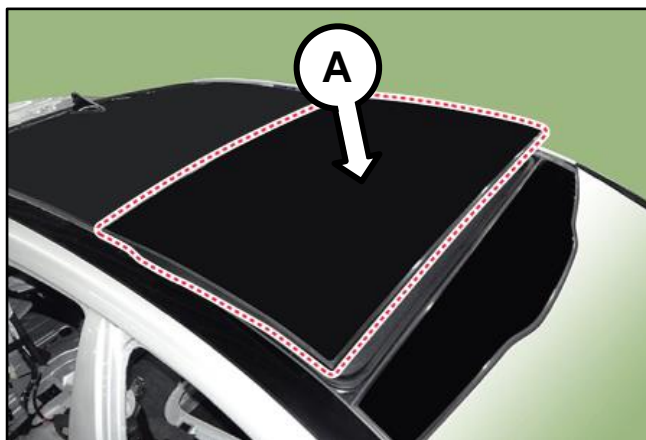
⚠ CAUTION

Failure to thoroughly remove any old grease or foreign material from the guides may result in an ineffective or repeat repair.

5. Re-install the movable glass (A) from step 1 in the reverse order of removal.

ⓘ IMPORTANT

With the assistance of another person, lift and reinstall the movable glass to the vehicle.



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- Using a clean brush, remove any debris in the roof rails by brushing out towards the rear glass.



CAUTION

Use caution not to scratch, damage and/or break the glass.

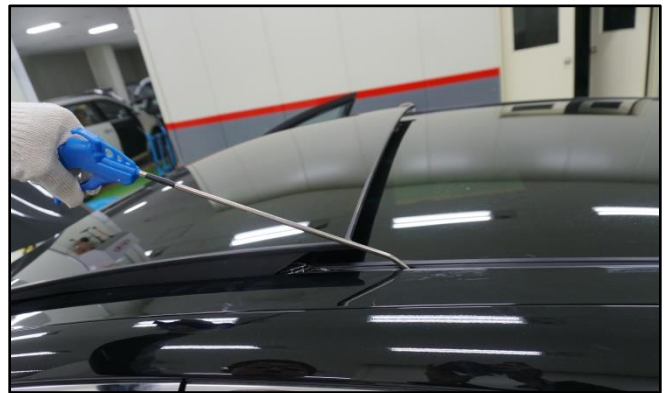


- Using an air gun, blow towards the rear glass to remove any remaining debris in the roof rail.



CAUTION

Use caution not to scratch, damage and/or break the glass.



- Using a clean brush, apply grease along the inside of the roof rails.

Repeat procedure 3 times to make sure there is sufficient grease application on rails.

* NOTICE

Ensure the glass and all other components contacted while performing this procedure are clean.



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9. Function-test the operation of the panoramic sunroof, confirming the customer's concern is corrected and that the one-touch open/close is functioning.

* NOTICE

If the one-touch open/close is not functioning, follow the reset procedure on page 5 of this TSB.

Panoramic Sunroof Reset Procedure:

1. Ensure the ignition is ON, the panoramic sunroof, and roller blind are completely closed.
2. Fully depress and hold the sunroof switch in the closed position and **DO NOT** release it until the roller blind fully opens and the sunroof glass vent position opens (about 15-20 seconds).
3. Once the vent opens, release the switch for 1-second and fully depress and hold the sunroof switch in the closed position again until sunroof glass fully opens then closes and the sunshade fully closes.
4. Verify operation of the sunroof to confirm reset procedure is successful.





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AFFECTED VEHICLE RANGE:

Model	Production Year
Cadenza (YG)	2017 – 2019MY

REQUIRED SUPPLIES:

Tool Name	Part Number	Figure	Comments
Lubricant	81685 C5000FFF		One container covers 30 vehicles <u>Maximum</u> order quantity 1 per dealer
Acid Brush	N/A		Sourced locally

REQUIRED PART:

Part Name	Part Number	Figure	Qty.	Remark
Tilt Lever (LHS) Type A	81651 F6000		1 (ea.)	Produced through 12/05/2018
Tilt Lever (RHS) Type A	81652 F6000			
Tilt Lever (LHS) Type B	81651 F6001		1 (ea.)	Produced from 12/06/2018
Tilt Lever (RHS) Type B	81652 F6001			

WARRANTY INFORMATION:

N Code: I21 C Code: ZZ2

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
W	81650 F6000	0	Panoramic Sunroof Rail Cleaning and Tilt Lever Replacement	81651F01	0.6 M/H	81651 F6000 81652 F6000 (Type A)	1
						81651 F6001 81652 F6001 (Type B)	