	GROUP BOD	MODEL 2017MY Sorento (UMa)
	NUMBER 169 (Rev 2, 6/14/2017)	DATE May 2017
TECHNICAL SERVICE BULLETIN		
SUBJECT: SERVICE ACTION: PANORAMIC SUNSHADE ROLLER GUIDE ADJUSTMENT (SA291A)		

*** 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 adjust the panoramic sunshade roller guide on some 2017MY Sorento (UMa) vehicles, produced from November 16, 2016 to February 3, 2017, which may experience a slow sunshade operation or squeak noise when the sunshade is reaching the closed position. The concern is caused by interference of the sunshade to the roller guides. Follow the procedure outlined in this bulletin to adjust the sunshade roller guide. Sunroof assembly replacement is not required to repair this condition. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.



*** NOTICE**

A Service Action is a repair program without customer notification that is performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

Repair status for a VIN is provided on WebDCS (Service → Warranty Coverage → Warranty Coverage Inquiry → Campaign Information). Not completed Recall / Service Action reports are available on WebDCS (Consumer Affairs → Not Completed Recall → Recall VIN → Select Report), which includes a list of affected vehicles.

This issue number is SA291A.

File Under: <Body>

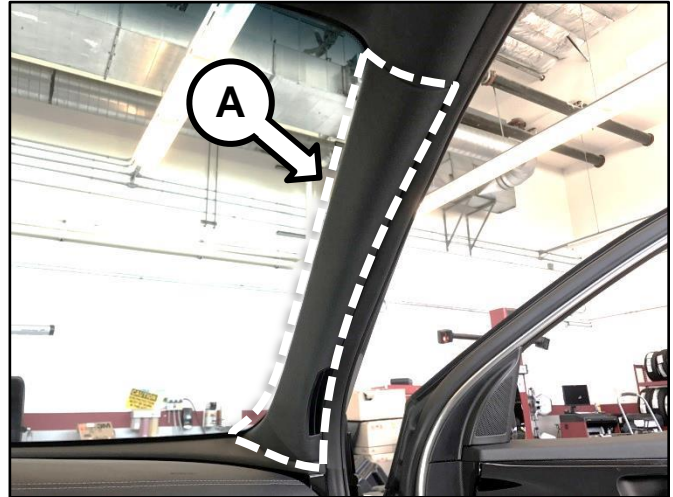
- Circulate To: General Manager Service Manager Parts Manager
 Service Advisors Technicians Body Shop Manager Fleet Repair

Service Procedure:

- Using a non-marring trim tool, dislodge the passenger-side A-pillar (A). **NOTE: Complete removal of the A-pillar is not required.**

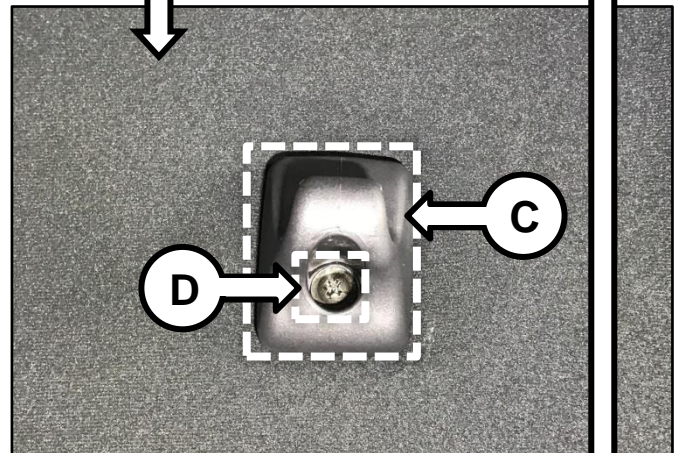
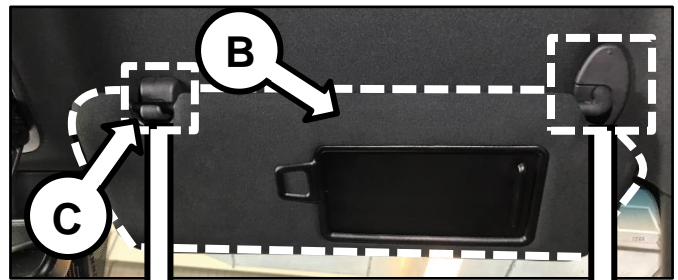
**CAUTION**

Use a non-marring trim removal tool (such as Snap-on® Part Number PBN5 or equivalent) to avoid damaging trim pieces.



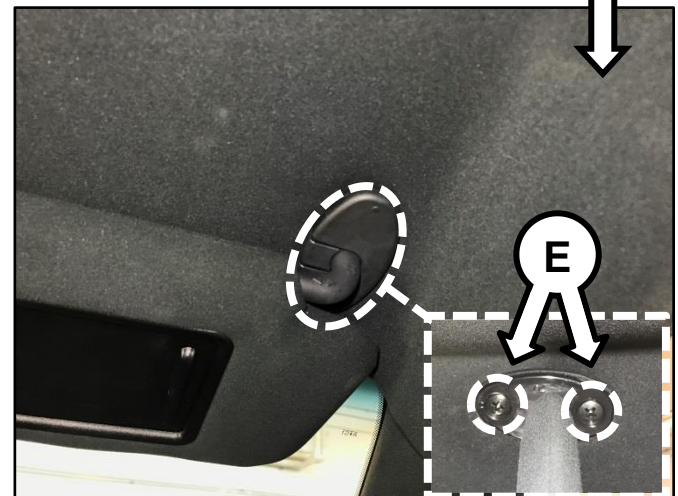
- Detach the front right sun visor (B) from the sun visor holder (C) and remove the sun visor holding retaining screw (D).

Tightening Torque – Screws (D):
 34.72 – 43.4 lb.in (3.92 – 4.90 N.m,
 0.4 – 0.5 kgf.m)



- Unclip the sun visor retaining screw cover and remove the two (2) sun visor retaining screws (E).

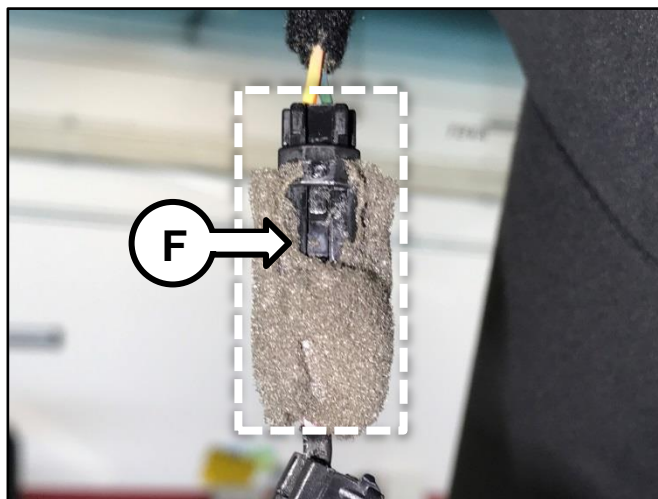
Tightening Torque – Screws (E):
 34.72 – 43.4 lb.in (3.92 – 4.90 N.m,
 0.4 – 0.5 kgf.m)



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- Lower the sun visor (B) and detach the connector (F) by pushing in the tab located at the center of the connector, under the foam wrap.

Remove the sun visor (B).



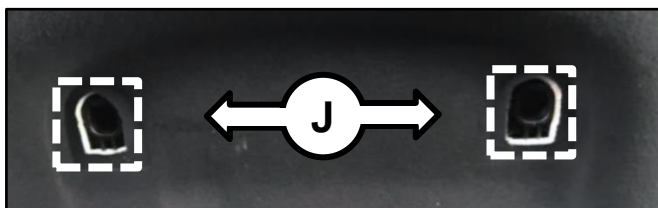
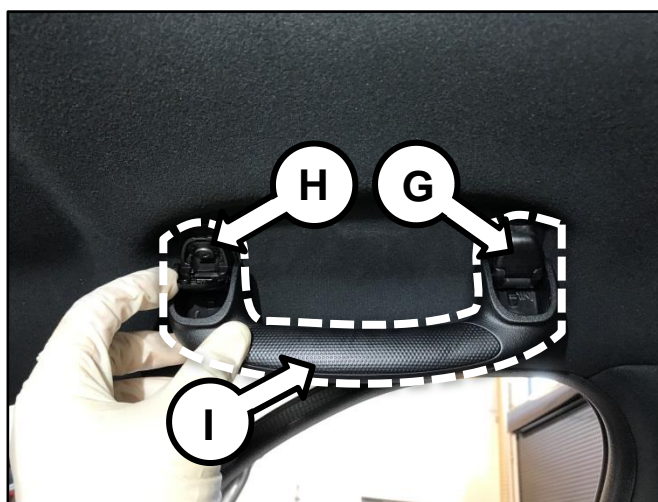
- Remove the two front right assist handle caps (G) and two (2) retaining screws (H).

Remove the assist handle (I).

Tightening Torque – Screws (H):
 13.02 – 14.75 lb.in (1.47 – 1.66 N.m,
 15 – 17 kgf.cm)

*** NOTICE**

Ensure the assist handle plate (J) is positioned in the headliner and aligned with the assist handle when reinstalling the handle.



- Repeat step 5 for the right rear assist handle.



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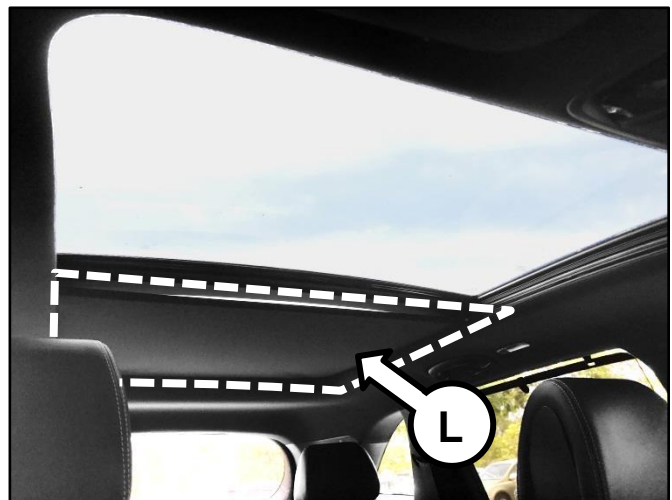
- 7. Loosen the two (2) overhead console retaining screws (K). **NOTE: Do not detach the overhead console from the headliner as the sunroof/sunshade will need to be operated.**

Tightening Torque – Screws (K):
5.64 – 6.51 lb.in (0.63 – 0.73 N.m,
6.5 – 7.5 kgf.cm)



- 8. Turn the ignition on and partially open the panoramic sunshade (L).

Turn the ignition off.



- 9. Gently and carefully pull down the headliner (M) at the right front corner, approximately two (2) inches to access the roller guide retaining screws.

CAUTION
Use caution not to crease the headliner.

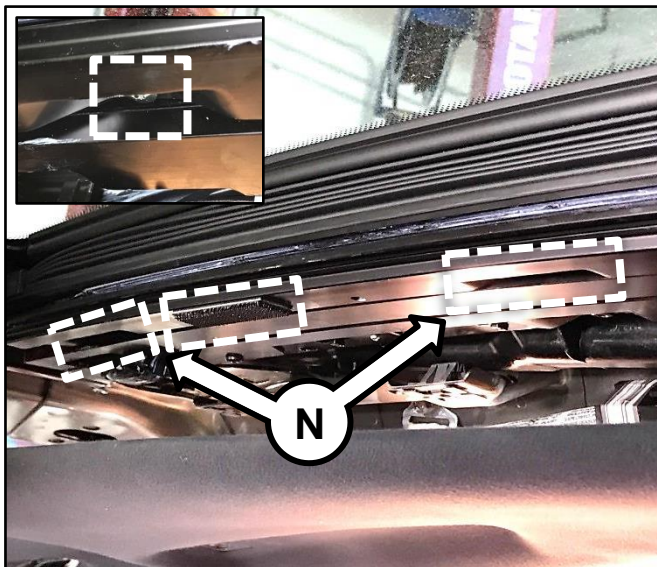


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10. Using a T25 Torx socket and ratchet, loosen the two (2) front right roller guide retaining screws (N) about three (3) to four (4) full turns. Do NOT fully loosen the roller guide retaining screws.

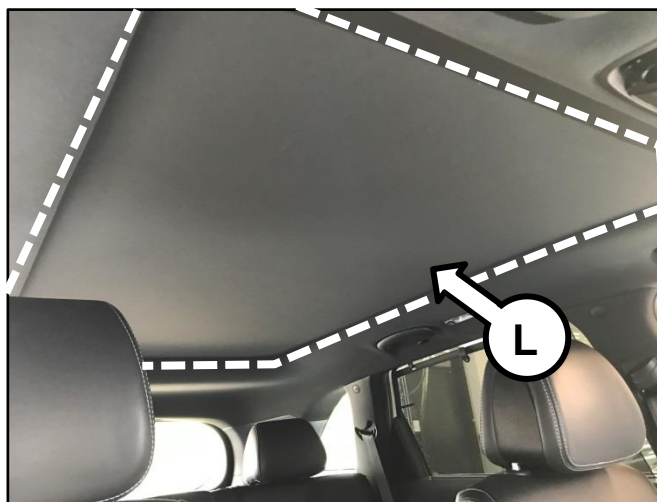
*** NOTICE**

The two (2) retaining screws (N) are located adjacent to the headliner Velcro® strip shown, in the indentations highlighted in the image and may have a yellow mark on the head of the screw.



11. Turn the ignition on and close the sunshade (L) completely. Tighten and torque the two (2) roller guide retaining screws (N) loosened in step 10.

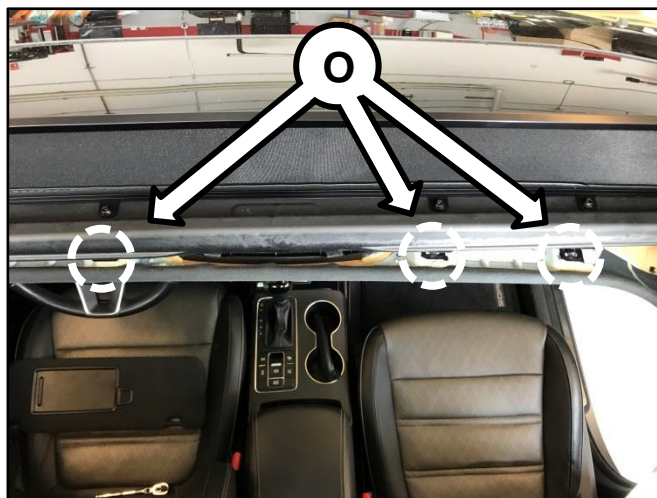
Tightening torque:
 39.82 – 48.68 lb.in (4.5 – 5.5 N.m,
 45.79 – 55.98 kgf.cm)



12. Verify proper operation of the panoramic sunroof and sunshade.
13. Turn off the ignition then reinstall all removed components in the reverse order of removal.

*** NOTICE**

Before reinstallation of the headliner, inspect and replace the three (3) detached headliner clips (O) if necessary.



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AFFECTED VEHICLE RANGE:

Model	Production Date Range
Sorento (UMa)	November 16, 2016 through February 3, 2017

WARRANTY INFORMATION:

N Code: N99 C Code: C99

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
V	81600 C5000BGA	0	(SA291A) Sunshade Roller Guide Adjustment	170A38R0	0.4 M/H	N/A	0

NOTE: Use sublet code X1 for reimbursement of three (3) headliner clips (part no. 85420A 9000AS) (\$4.50 maximum).

*** NOTICE**

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SA291A when accessing the WebDCS system.