

Rattling or Clicking from the Panoramic Glass Roof

AFFECTED VEHICLES

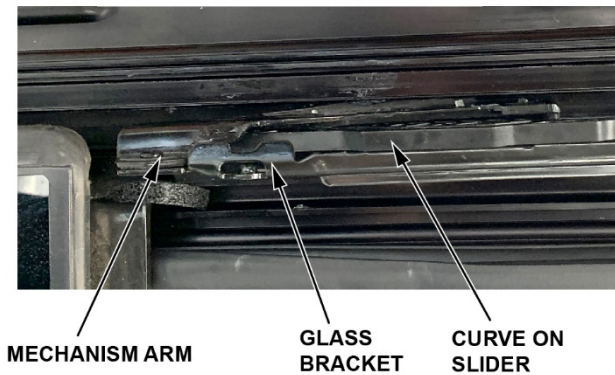
Year	Model	Trim Level	VIN Range
2019	RDX	AWD	5J8TC2***KL000001 to 5J8TC2***KL043969
2019	RDX	2WD	5J8TC1***KL000001 to 5J8TC1***KL025375

SYMPTOM

While driving over rough roads or bumps, you hear a rattling or clicking from the panoramic glass roof.

POSSIBLE CAUSE

There is not enough clearance between the rear panoramic glass roof mechanism arm and the plastic curve on slider.



CORRECTIVE ACTION

Increase the clearance between the curve on slider and the mechanism arm by bending the arm. If this does not fix the issue, replace the panoramic glass roof frame.

CLIENT INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by “do-it-yourselfers,” and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Acura automobile dealer.

PARTS INFORMATION

For Repair Procedure A

Part Name	Part Number	Quantity
Bolt (Glass)	70229-TJB-A01	12

For Repair Procedure B

Part Name	Part Number	Quantity
Frame Assy, Sunroof	70100-TJB-A02	1
A-Pillar Trim Clip	91561-T8N-T01	2
Quarter Pillar Trim Clip	91561-TA5-A11	2
Bolt (Glass)	70229-TJB-A01	12

WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
8143A2	Adjust the panoramic glass mechanism arm (right or left).	1.2 hr	03214	03217	B21003A	70100-TJB-A02
8143A3	Adjust the panoramic glass mechanism arm (both sides).	1.3 hr	03214	03217	B21003B	70100-TJB-A02
8143A4	Adjust the panoramic glass mechanism arm. Replace the panoramic glass roof frame.	4.4 hr	03214	03217	B21003C	70100-TJB-A02

Skill Level: Repair Technician

INSPECTION PROCEDURE

1. Drive the vehicle with the panoramic front glass closed. Check if the rattling or clicking is coming from the back corners of the front glass.



- If the noise is coming from this area, go to REPAIR PROCEDURE A.
- If the noise is not coming from this area, this bulletin does not apply. Continue with normal system troubleshooting.

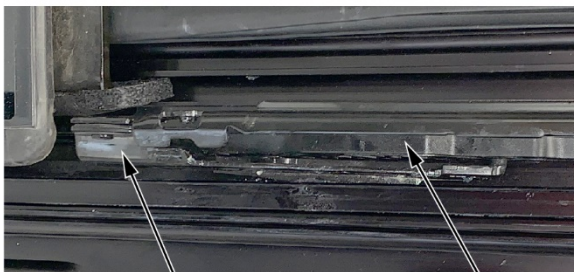
REPAIR PROCEDURE A

1. Remove the front glass. See the service information.

NOTE

You will need to slightly open the glass to access the bolts.

2. Once the glass is removed, press the panoramic glass roof switch to the closed position.
3. Locate the mechanism arm, as shown below, on the side where you heard the noise. Then, lightly wiggle the rear portion of that arm enough so it contacts the curve on slider. Do this on both sides of the panoramic glass roof.

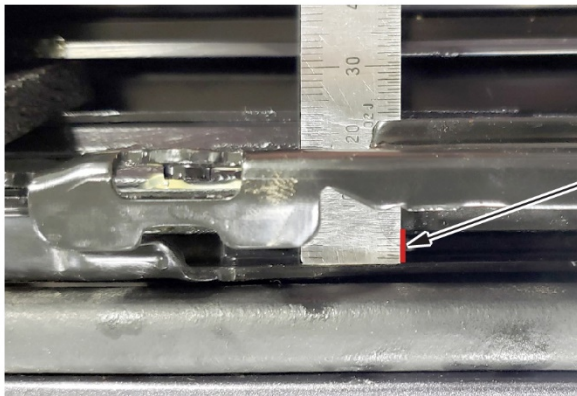


MECHANISM ARM

CURVE ON
SLIDER

- If you hear a clicking from that area, go to step 4.
- If you do not hear a clicking from that area, continue with normal system troubleshooting

4. Move the panoramic roof switch to the full tilt position, and check the gap between the curve on slider and the mechanism bracket. Record the gap as a starting point.



Measure the gap.

5. Use flat nose pliers to grip the mechanism arm and the metal lip of the panoramic roof frame. Use a screwdriver to peel back the seal on the panoramic roof.



SCREWDRIVER

Squeeze to increase gap between curve on slider and mechanism arm by 1-2mm.

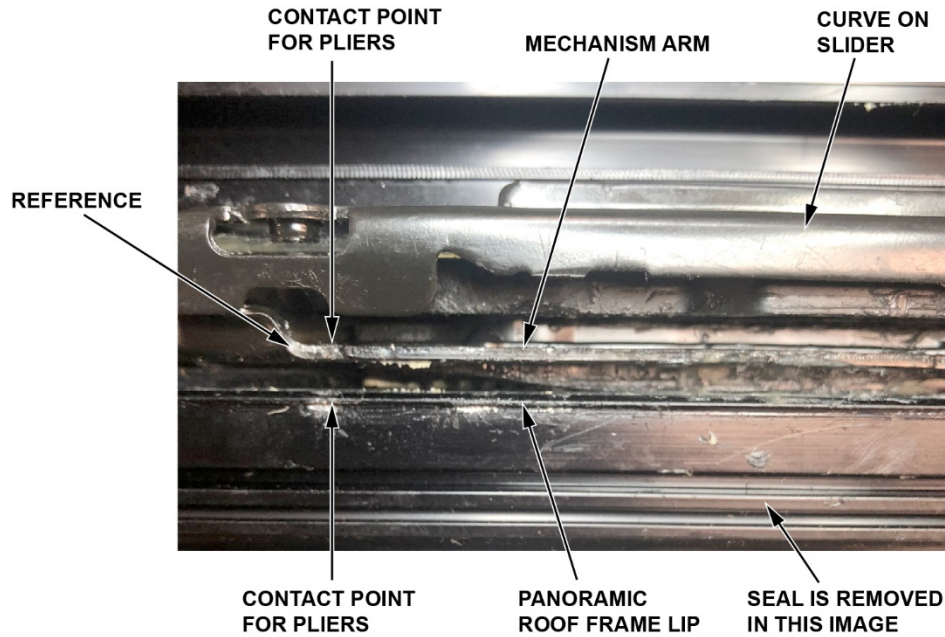
NOTES

- Apply tape to the contact surface of the pliers as shown. This will prevent scratching of the panoramic roof frame.

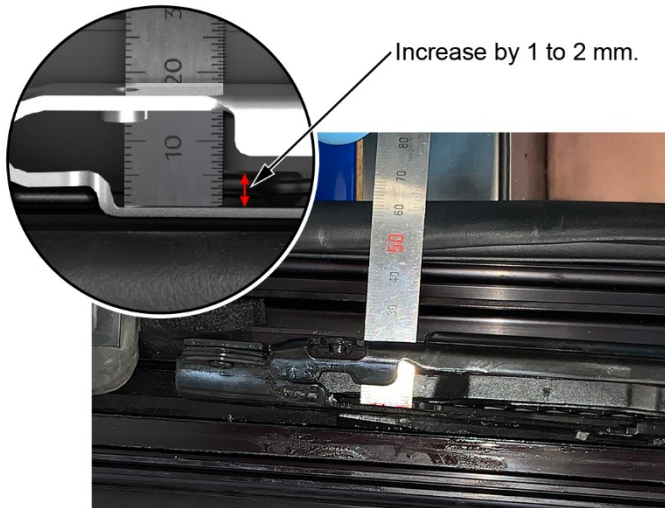


TAPE

- Use the radius in the mechanism arm as a reference point. Grip the mechanism arm and the panoramic roof frame lip right where the bend in the mechanism arm ends.



6. After properly inserting the pliers, squeeze them to bend the arm away from the center of the vehicle. Make sure the gap measured in step 4 is increased by **1 to 2 mm**.

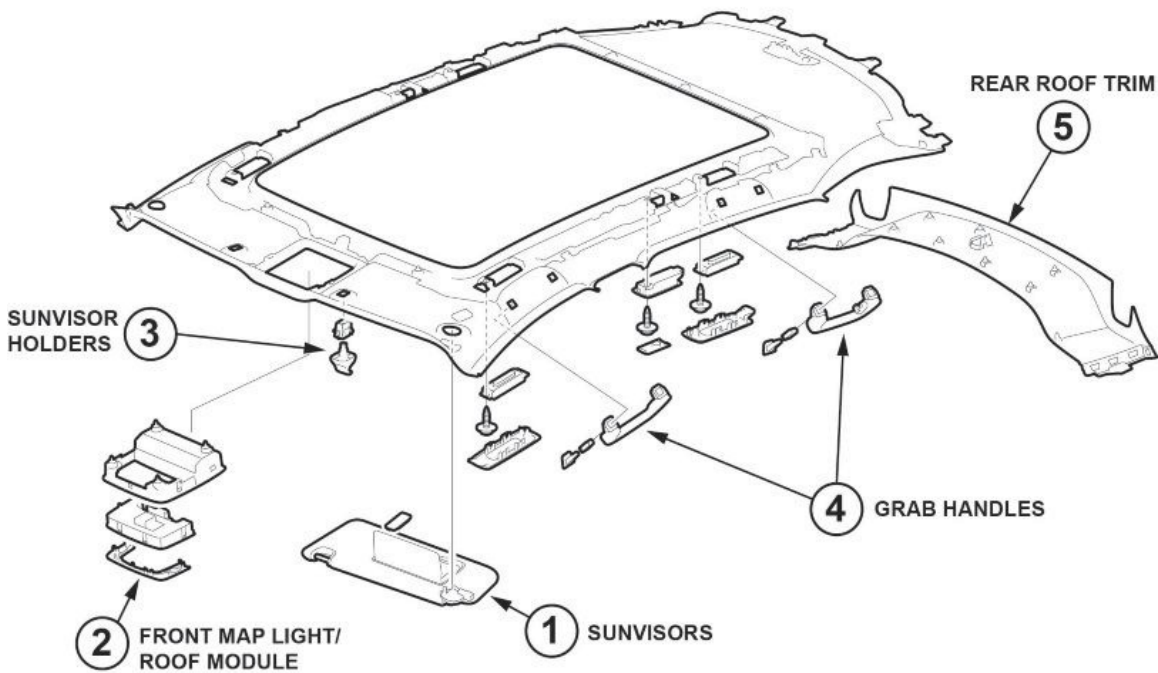


7. Measure the gap again as shown in step 6 to verify the change in the gap.
8. Install the panoramic glass using the original bolts, and test-drive the vehicle with the panoramic roof closed. Make sure the rattling or clicking is gone.
 - If the noise is gone, the procedure is complete. Replace the original panoramic roof glass bolts with the new bolts.
 - If you still hear the noise, go to REPAIR PROCEDURE B – REPLACE PANORAMIC GLASS ROOF for replacement of the panoramic roof frame.

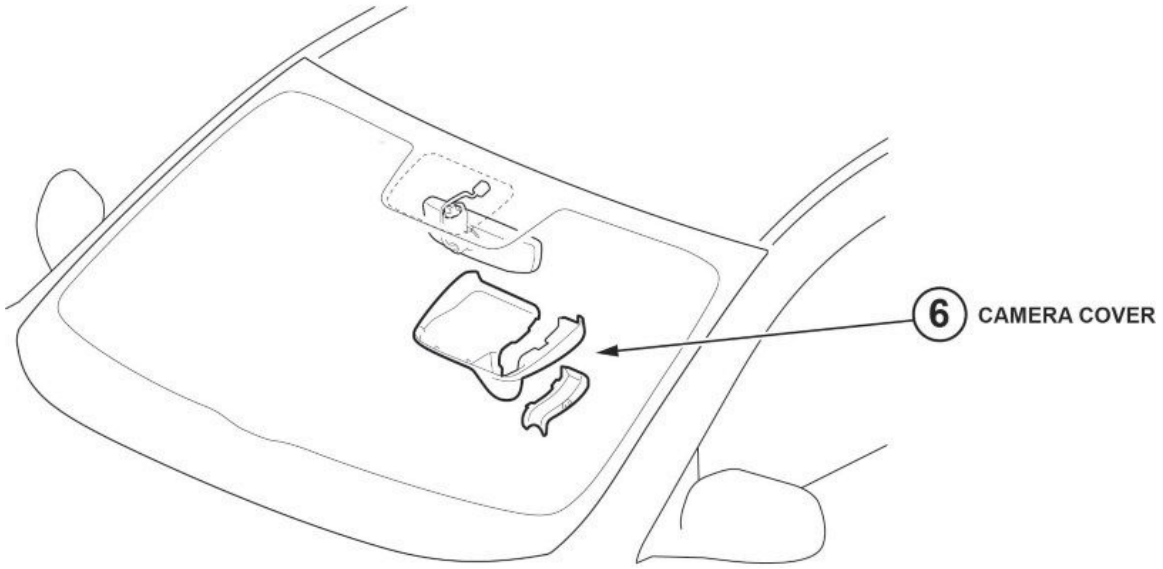
REPAIR PROCEDURE B – REPLACE PANORAMIC GLASS ROOF

The following procedures have been used in full or in part within this service bulletin. For more detail on them, and torque specifications for some components, refer to the exploded views in the service information.

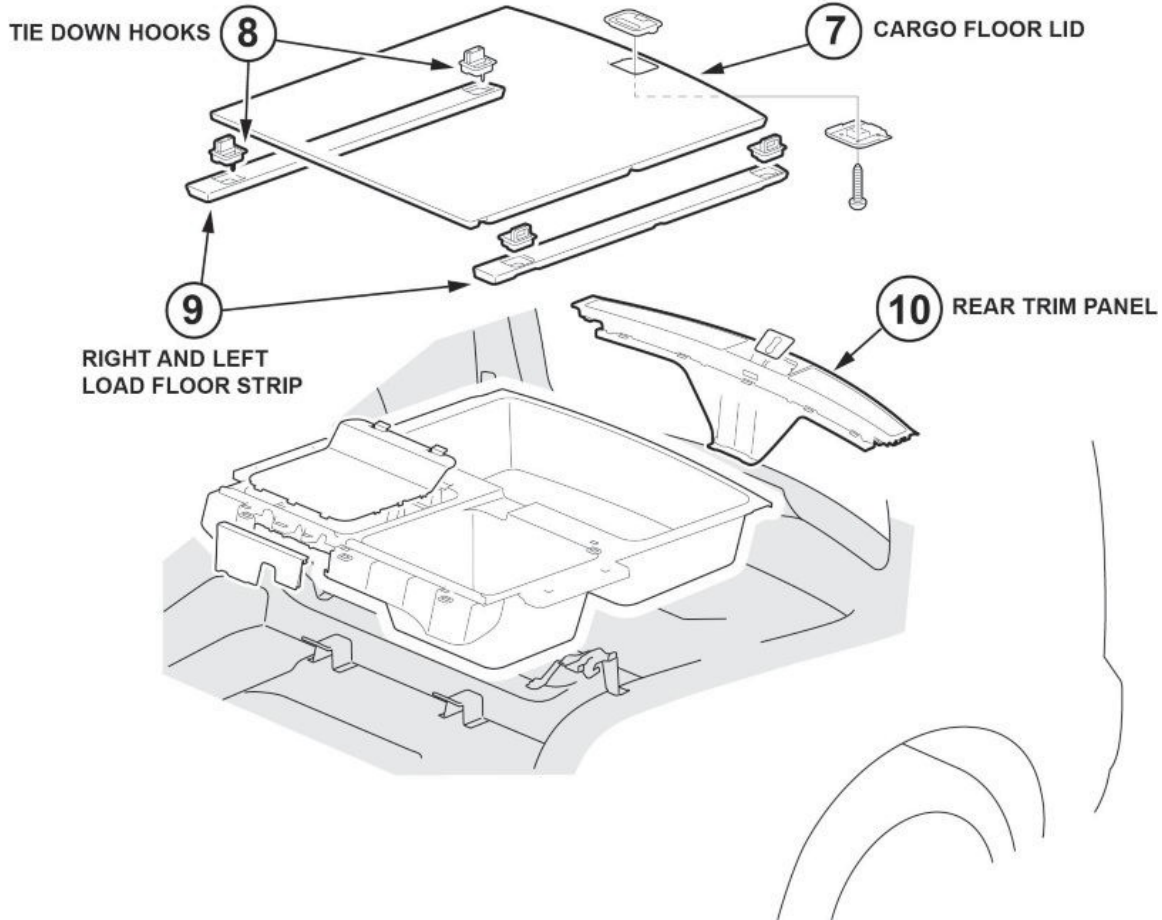
Step	Component	Exploded View Location	Service Manual Letter Reference
1	Sunvisors	Headliner Area (Image #1)	C
2	Front Individual Map Light /Roof Module		A,B
3	Sunvisor Holders		E
4	Grab Handles		F
5	Rear Roof Trim		I



Step	Component	Exploded View Location	Service Manual Letter Reference
6	Camera Cover	Windshield Area	B,C



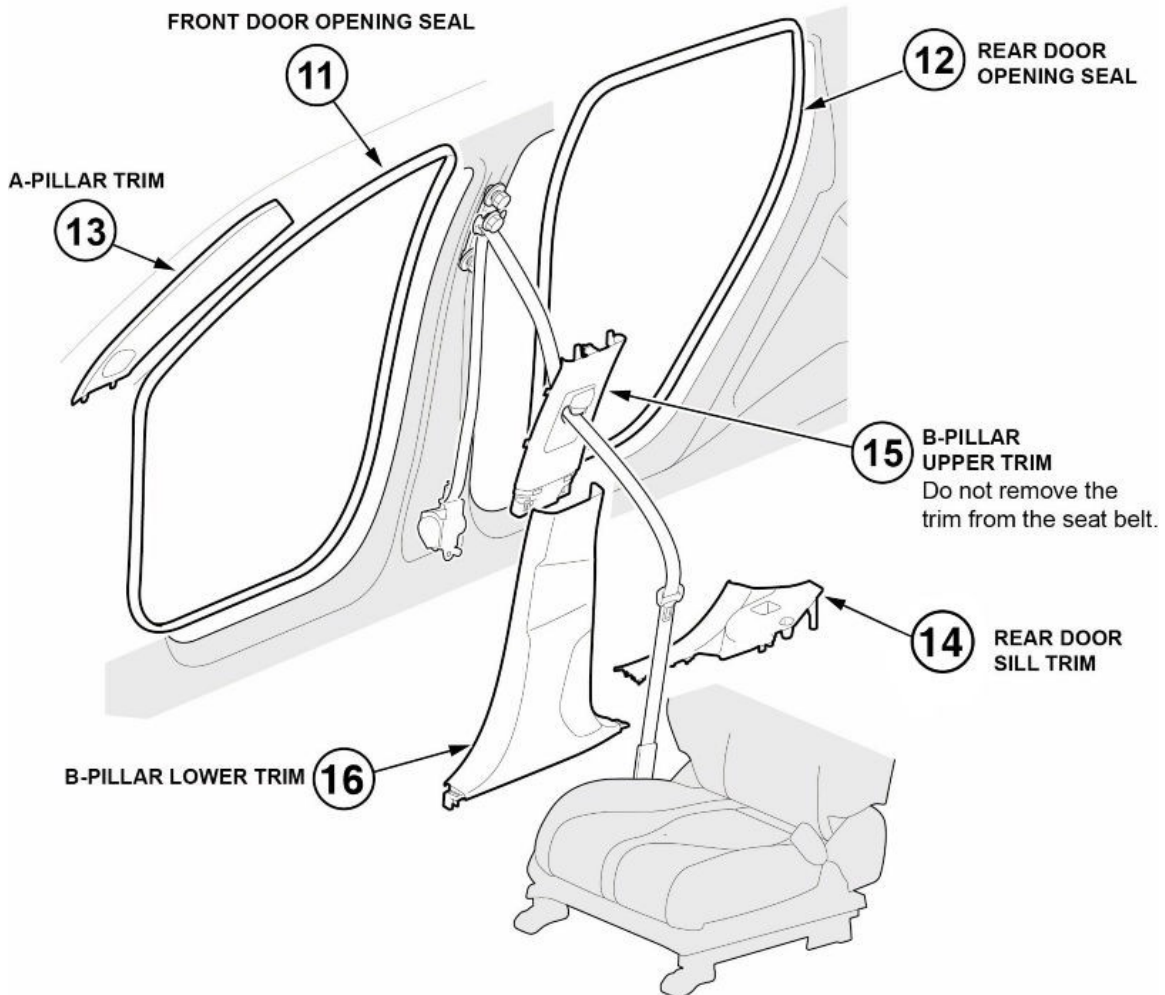
Step	Component	Exploded View Location	Service Manual Letter Reference
7	Cargo Floor Lid	Interior Trim Area (Image #2)	O
8	Tie Down Hooks		M
9	Right and Left Load Floor Strip		N
10	Rear Trim Panel		R



Step	Component	Exploded View Location	Service Manual Letter Reference
11	Front Door Opening Seal (as needed)	Interior Trim Area (Image #1)	C
12	Rear Door Opening Seal (as needed)		H
13	A-Pillar Trim		A
14	Rear Door Sill Trim		G
15	B-Pillar Upper Trim NOTE Do not remove the trim from the seat belt.		J
16	B-Pillar Lower Trim		F

NOTE

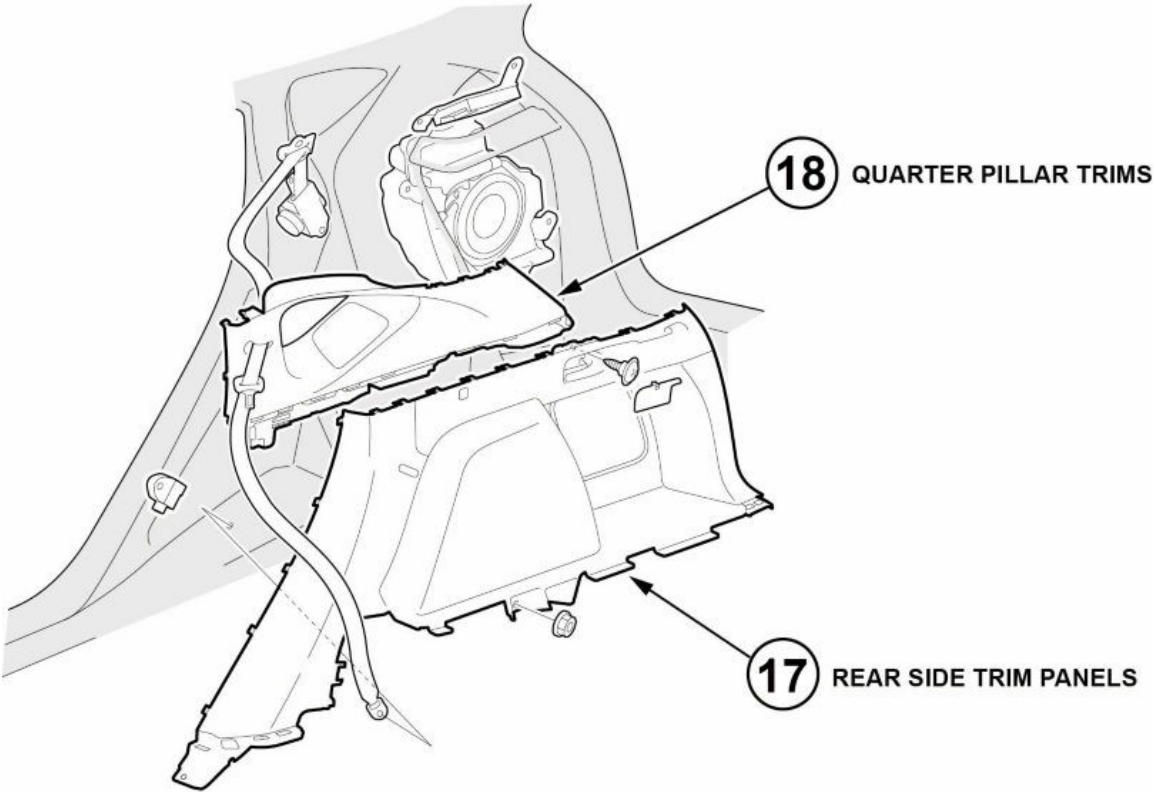
Do steps 11 thru 16 for both sides.



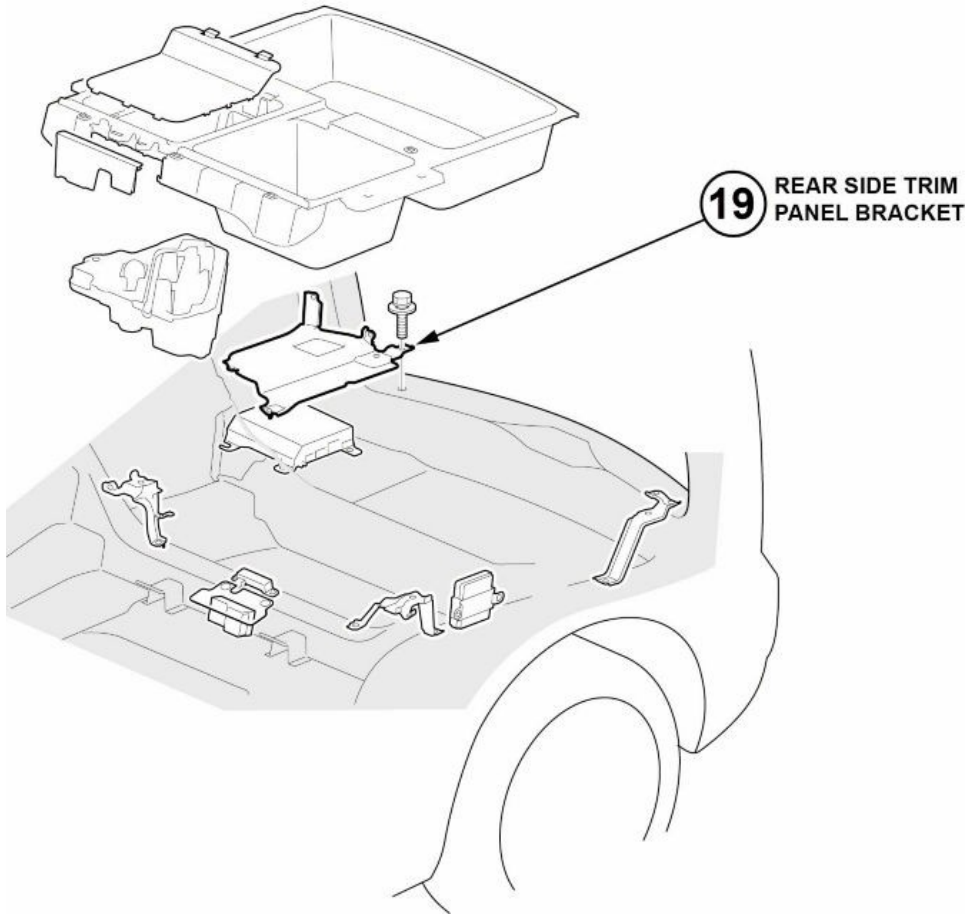
Step	Component	Exploded View Location	Service Manual Letter Reference
17	Rear Side Trim Panels	Interior Trim Area (Image #2)	U
18	Quarter Pillar Trims		W

NOTE

Do steps 17 and 18 for both sides.



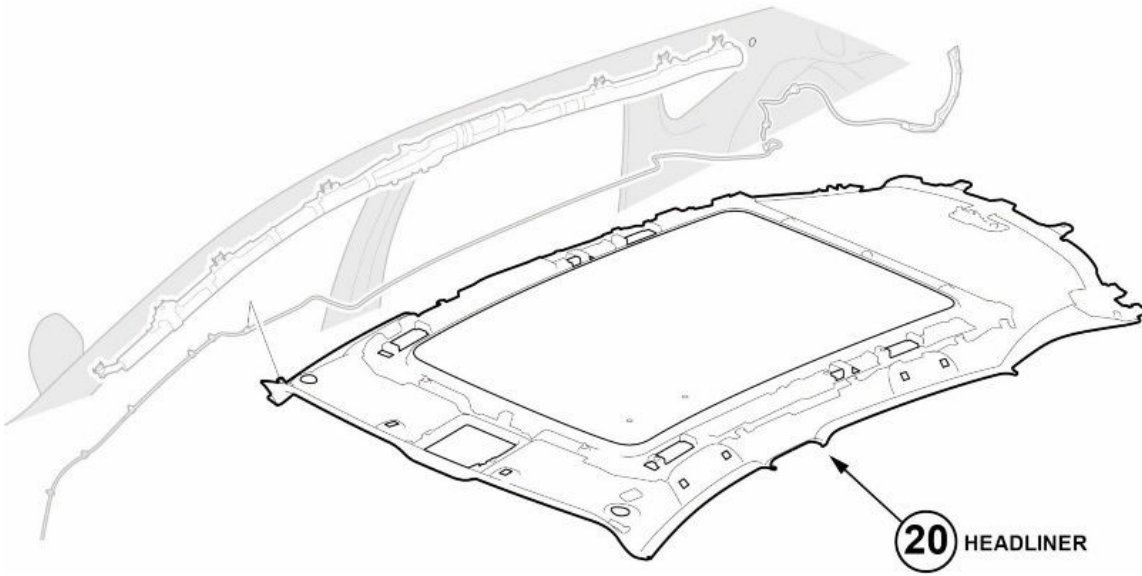
Step	Component	Exploded View Location	Service Manual Letter Reference
19	Rear Side Trim Panel Bracket	Interior Trim Area	Not Available



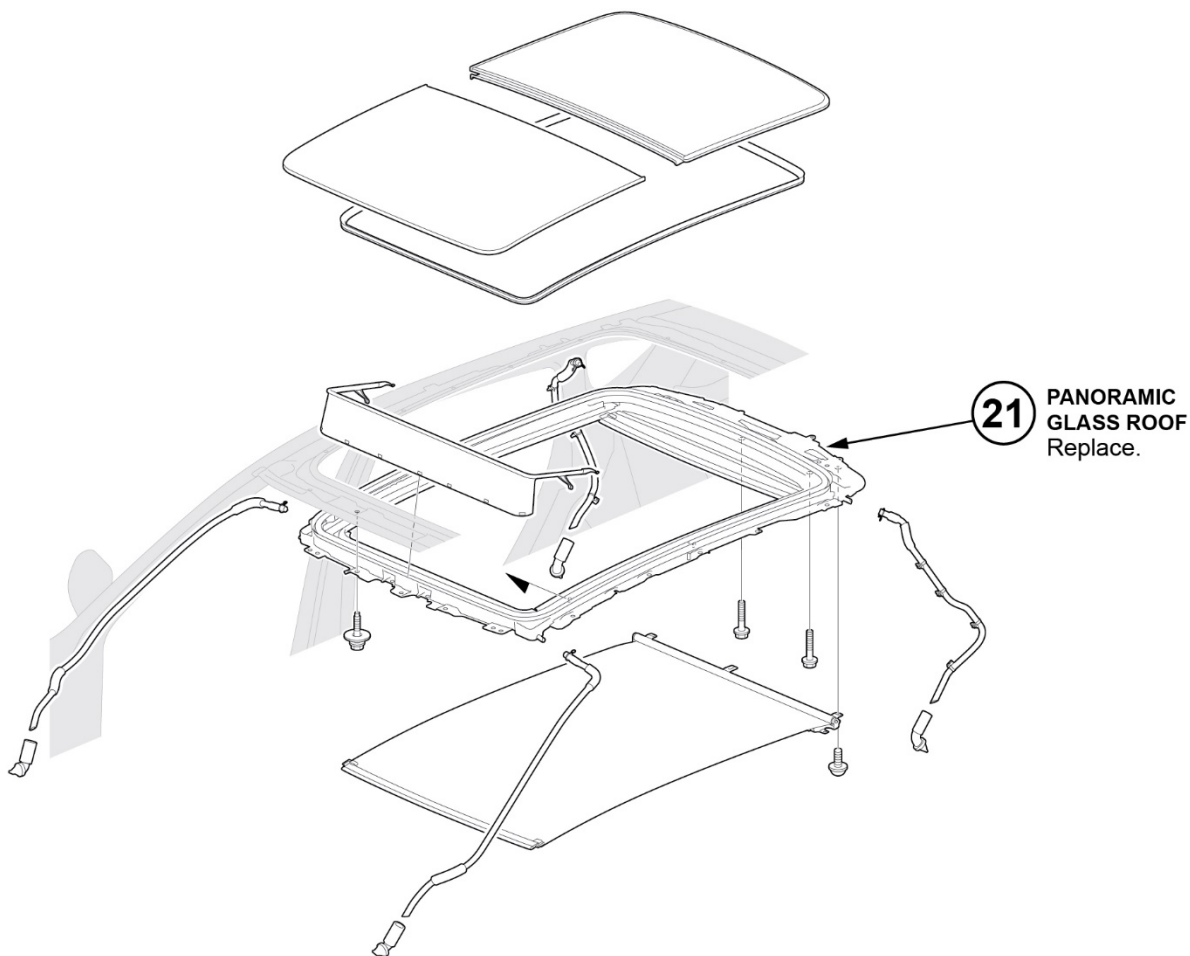
Step	Component	Exploded View Location	Service Manual Letter Reference
20	Headliner	Headliner Area (Image #1)	J

NOTE

To remove the headliner from the vehicle without damage, the right rear damper gusset must be removed. To do this, roll the vehicle onto a lift or jack up the right rear of the vehicle and place it on safety stands. Refer to the service information for more information.



Step	Component	Exploded View Location	Service Manual Letter Reference
21	Panoramic Glass Roof Frame	Panoramic Glass Roof Area	E



- Transfer the wind deflector, panoramic glass roof motors, sunshade, front and rear glass, and hoses to the new frame. Refer to the service information for more information.
- Install all components in the reverse order of removal, and follow all bolt torque specifications in the service information.
 - Replace these must-replace parts according to the service information:
 - A-Pillar Trim Clips
 - Quarter Pillar Trim Clips
 - Panoramic Glass Bolts
 - Do the Panoramic Glass Roof Motor-Control Unit Resetting Procedure and Panoramic Glass Roof Glass Position Adjustment. See the service information.

END