



TECHNICAL SERVICE BULLETIN

Classification: BT23-015	Reference: NTB24-006	Date: January 19, 2024
-----------------------------	-------------------------	---------------------------

MOONROOF CENTER BRACKET ADJUSTMENT

APPLIED VEHICLES: 2023 ARIYA (FE0)
APPLIED DATES: Built on or before May 10, 2023
APPLIED GRADES: EVOLVE+, EMPOWER+, PLATINUM+

IF YOU CONFIRM

A rattle noise from the center moonroof area when driving on rough roads.

ACTION

Use the **SERVICE PROCEDURE** in this bulletin to inspect and, if necessary, adjust the Moonroof's Center Reinforcement Support.

IMPORTANT: The purpose of **ACTION** (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire **SERVICE PROCEDURE** as it contains information that is essential to successfully completing this repair.

Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. **NOTE:** If you believe that a described condition may apply to a particular vehicle, **DO NOT** assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

SERVICE PROCEDURE

1. Remove the vehicle Headlining and rest it gently on the vehicle headrests.
 - Refer to the ESM: **BODY INTERIOR > INTERIOR > REMOVAL AND INSTALLATION > HEADLINING**
2. Using a 0.5 mm (0.020 in.) thick plastic feeler gauge, measure the clearances at the six (6) points shown in Figure 1. Refer to the following bullet points and Figure 2, Figure 3 and Figure 4 on page 3 for more detail.

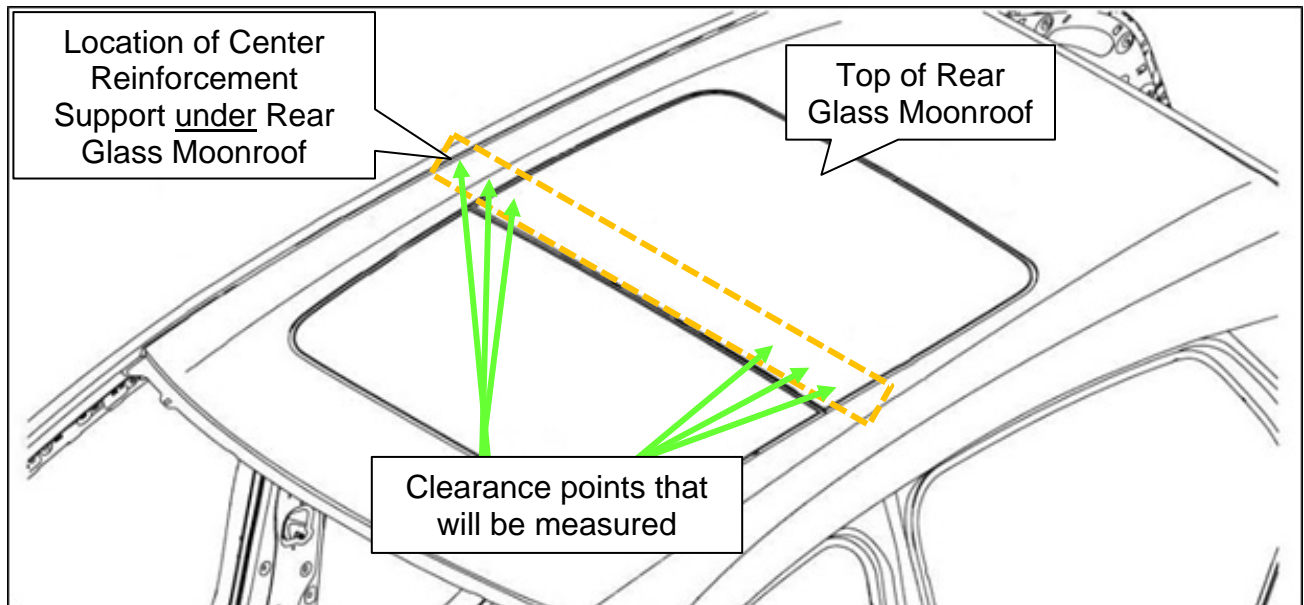


Figure 1

- Measure the gaps from the top of the Center Reinforcement Support (Yellow dashes in Figure 2), to the underside of the roof and the Rear Glass Moonroof, where felt tape is present. See Figure 3 and Figure 4 for pictures of the felt tape.

HINT: Figure 3 shows only three (3) points on one side. The other side is similar.

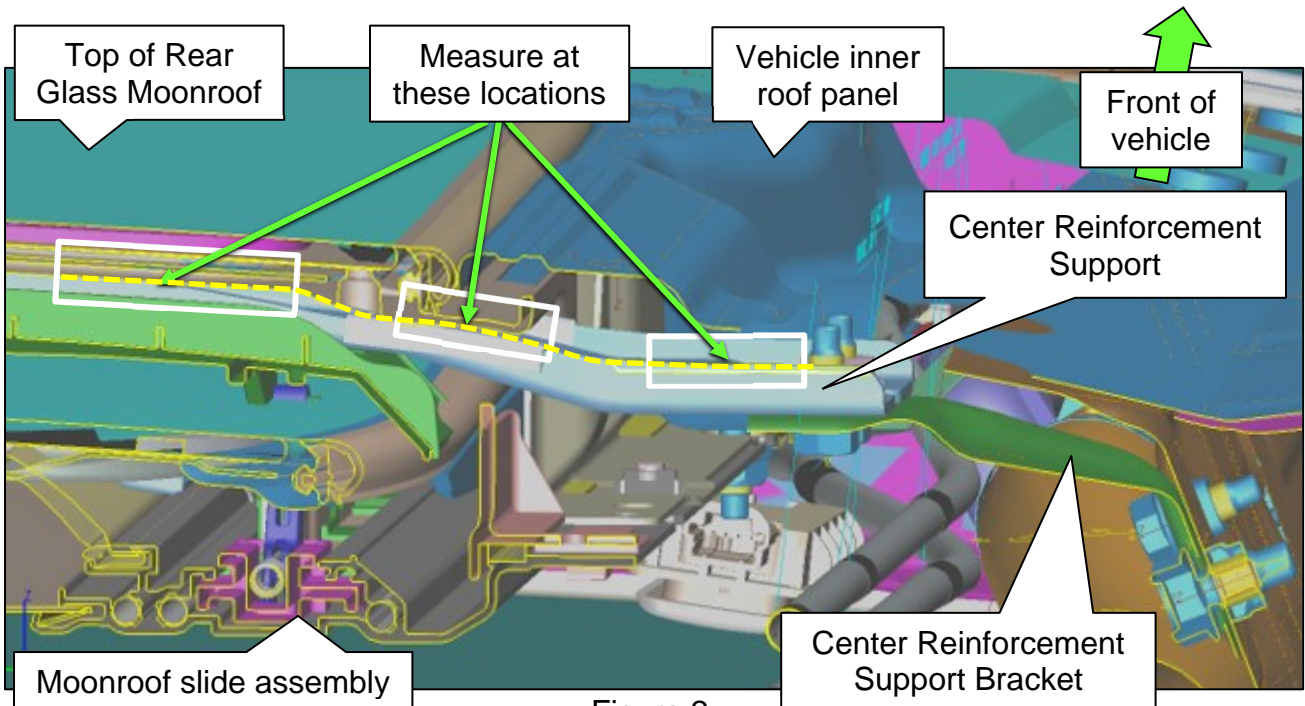


Figure 2

- Measure above where each piece of felt tape is attached and move the plastic feeler gauge side to side along the felt tape.

HINT: At least 0.5 mm (**0.020 in.**) of clearance should be present at all points along the top length of each piece of felt tape.

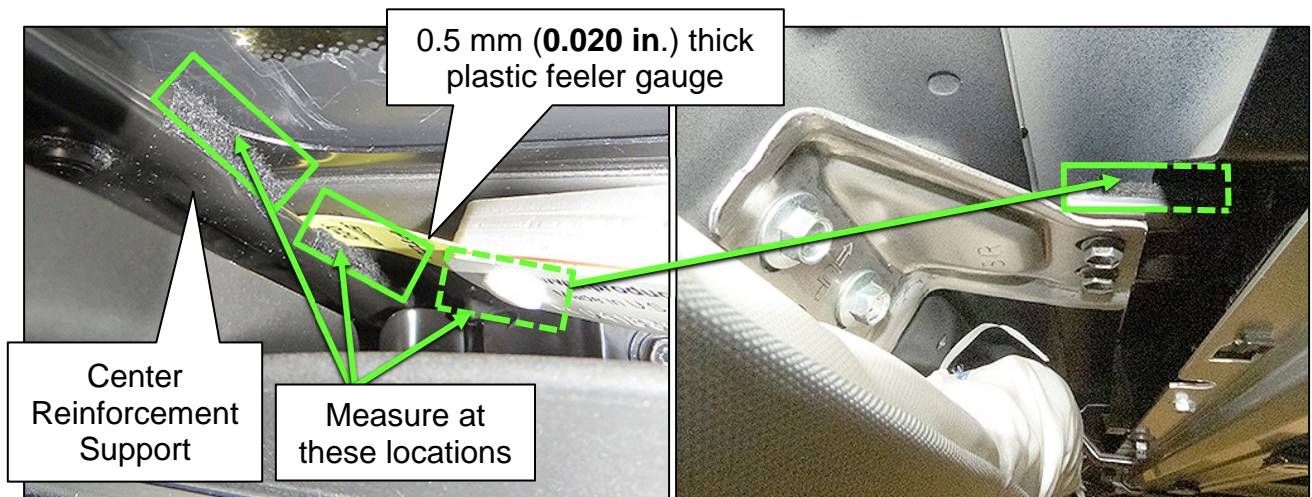


Figure 3

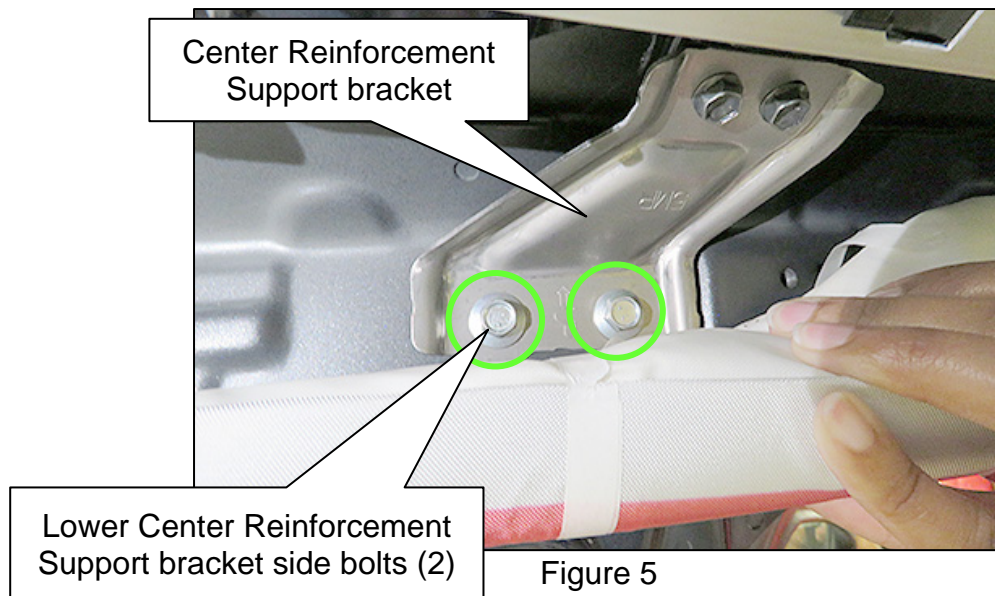
Figure 4

3. Does the 0.5 mm (**0.020 in.**) thick plastic feeler gauge pass through and slide side to side at all six (6) points of the driver (LH) side and passenger (RH) side?

Yes: Refer to the ESM for further diagnostic information not covered by this bulletin, and then skip to step 9 on page 5.

No: Note those points that the plastic feeler gauge did not pass through on the repair order, and then proceed to step 4.

4. Loosen the two (2) Center Reinforcement Support bracket side bolts (circled in Figure 5) below the point(s) that the plastic feeler gauge would not pass through.



5. Slide the Center Reinforcement Support bracket (Figure 6) downward until there is at least a 0.5 mm (**0.020 in.**) gap at the three (3) measurement points on that side of the vehicle.
6. Tighten the lower two (2) Center Reinforcement Support bracket side bolts loosened in step 4.
 - Torque bolts to 21.0 N•m (2.1 kg-m, **15 ft-lb**).
7. Loosen the remaining two (2) Center Reinforcement Support bracket top bolts (circled in Figure 6) to release Center Reinforcement Support tension, and then retighten.
 - Torque bolts to 10.0 N•m (1.0 kg-m, **89 in-lb**).
8. Repeat steps 4-7 on the opposite side of the vehicle as necessary.

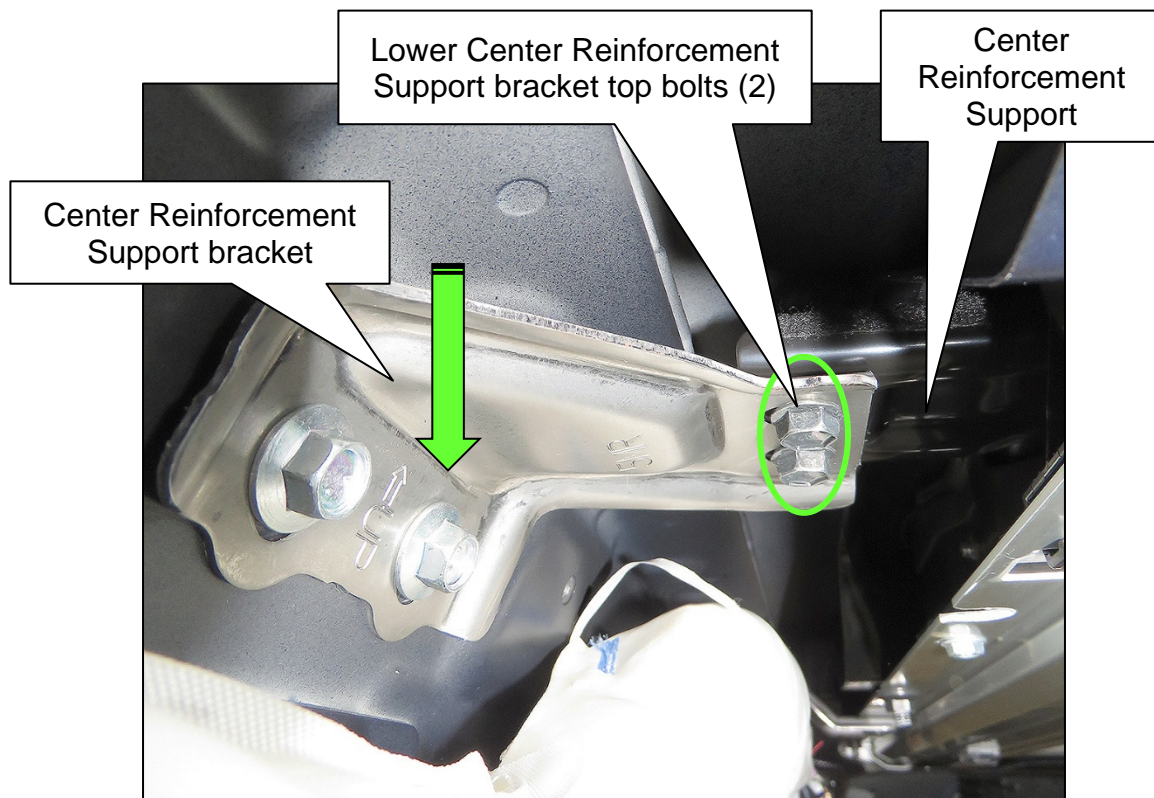


Figure 6

9. Reassemble the vehicle Headlining.
 - Refer to the ESM: **BODY INTERIOR > INTERIOR > REMOVAL AND INSTALLATION > HEADLINING**

CLAIMS INFORMATION

Submit a Primary Part (PP) type line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Remove Headliner & Inspect Bracket	(1)	BX8NAA	ZL	32	2.7

And if needed on the same line

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Adjust Center Support Bracket	(1)	BX8PAA	ZL	32	0.3

- (1) Reference the electronic parts catalog and use the Rear Sunroof Glass Assy (91604-****) as the Primary Failed Part (**PFP**).

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
January 19, 2024	NTB24-006	Original bulletin published