



TECHNICAL SERVICE BULLETIN

Classification: BT23-018	Reference: NTB23-072	Date: October 9, 2023
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GURGLING NOISE FROM MOONROOF AFTER IT RAINS

APPLIED VEHICLES: 2021-2023 Rogue (T33)
APPLIED DATES: VINs beginning with 5N1: Built on or before August 16, 2023
VINs beginning with JN8: Built on or before September 05, 2023

IF YOU CONFIRM

The customer states they hear a gurgling / drip / drain noise from the moonroof while driving in the rain.

ACTION

Follow the **SERVICE PROCEDURE** in this bulletin to replace the front driver (LH) and front passenger (RH) side moonroof drain tube grommets.

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

Replace the Front Passenger Moonroof Drain Tube Grommet

1. Remove the Front Wiper Drive Assembly (Front Wiper Motor).
 - Refer to the ESM: **DRIVER CONTROLS > WIPER & WASHER > REMOVAL AND INSTALLATION > FRONT WIPER > WIPER DRIVE ASSEMBLY > Removal and Installation**
2. Remove the Glove Box Assembly.
 - a. Remove the seven (7) Glove Box Assembly fixing screws.

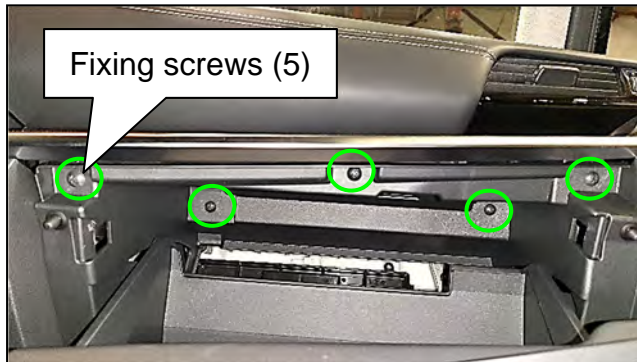


Figure 1

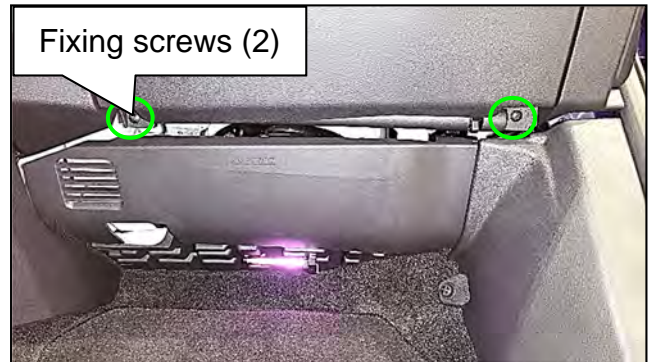


Figure 2

- b. Disengage the three (3) fixing metal clips according to numerical order 1→2 indicated by the arrows shown in Figure 3, and then remove the Glove Box Assembly.

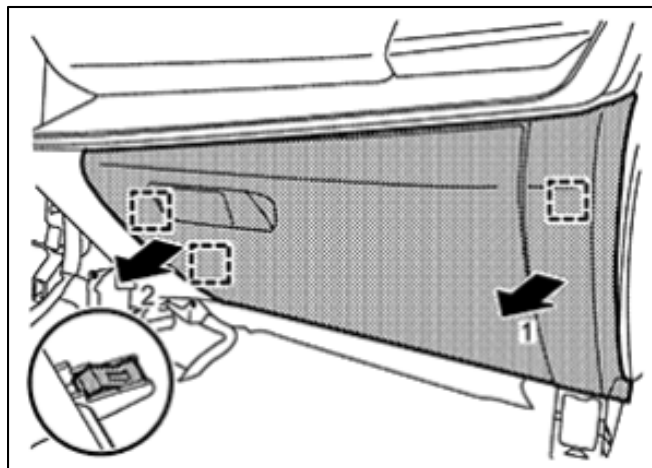


Figure 3

3. Locate the front passenger side moonroof drain tube, and disconnect the drain tube from the moonroof drain grommet.

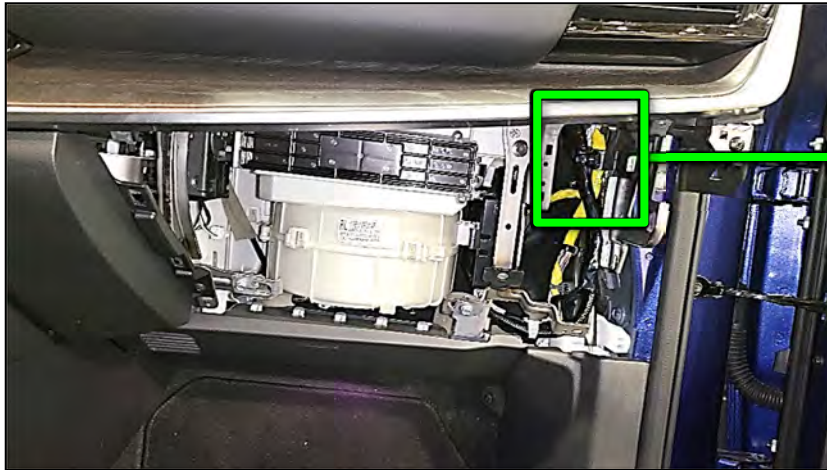


Figure 4

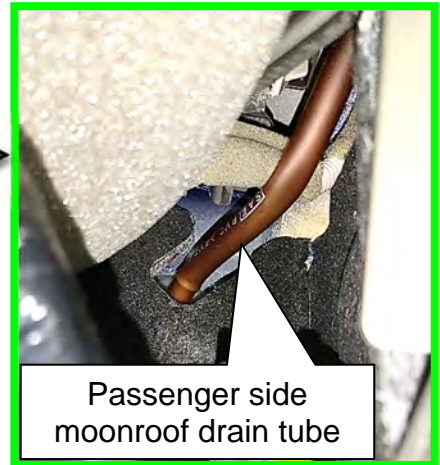


Figure 5

4. Locate the front passenger side moonroof drain grommet under the Cowl Top Cover.



Figure 6

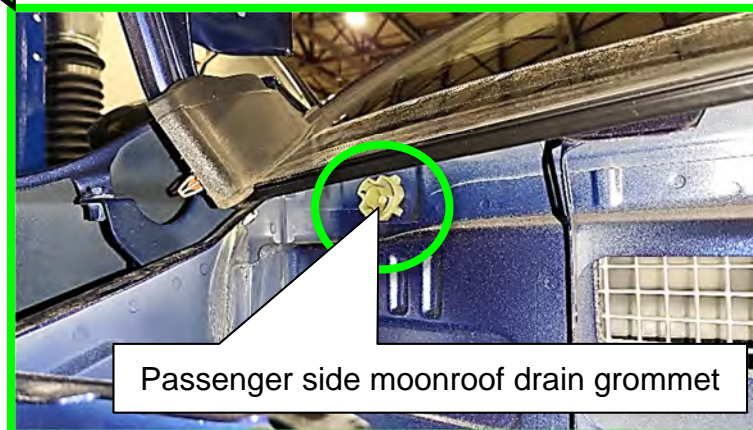


Figure 7

5. Release the four (4) locking tabs and push inward to remove the moonroof drain grommet from the inside.

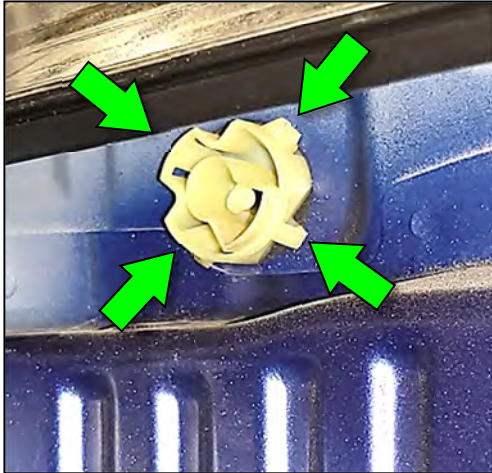


Figure 8

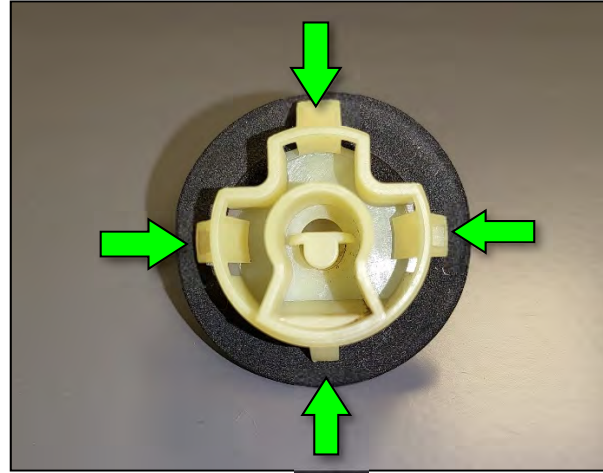


Figure 9

6. Install the new moonroof drain grommet from **PARTS INFORMATION** with the arrow pointing toward the dimple in the bulkhead, and then reinstall the moonroof drain tube.



Figure 10

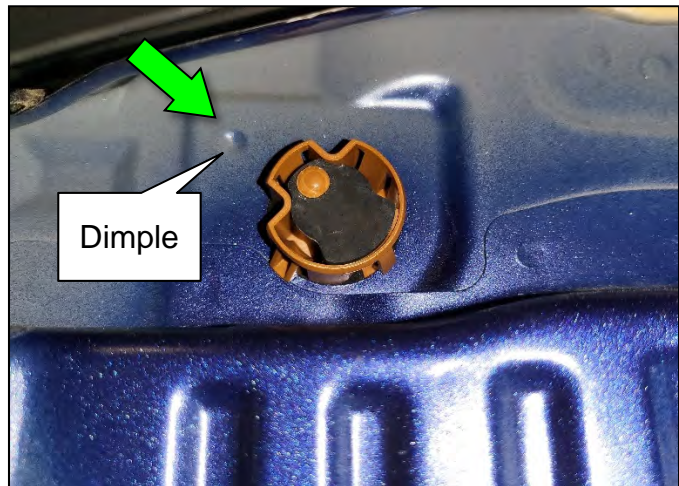


Figure 11

7. Reinstall the Glove Box Assembly in the reverse order of removal.

Replace the Front Driver Moonroof Drain Tube Grommet

8. Remove the Fuse Block lid.

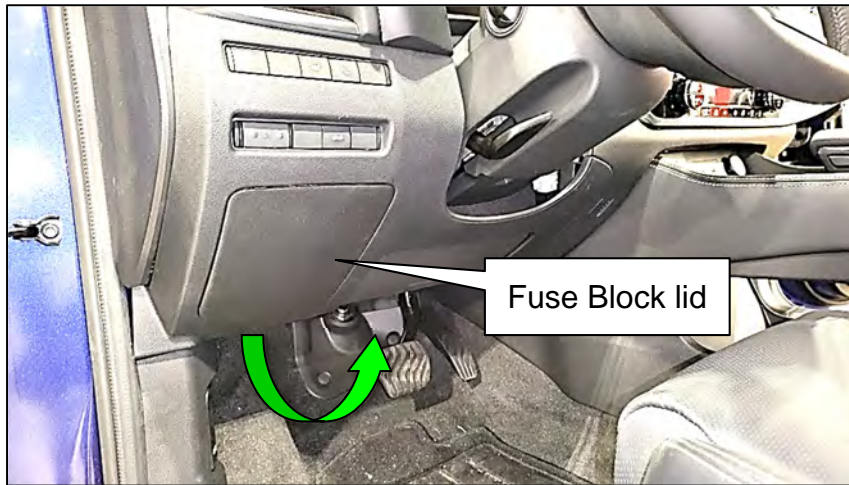


Figure 12

9. Remove the Driver Instrument Lower Panel.

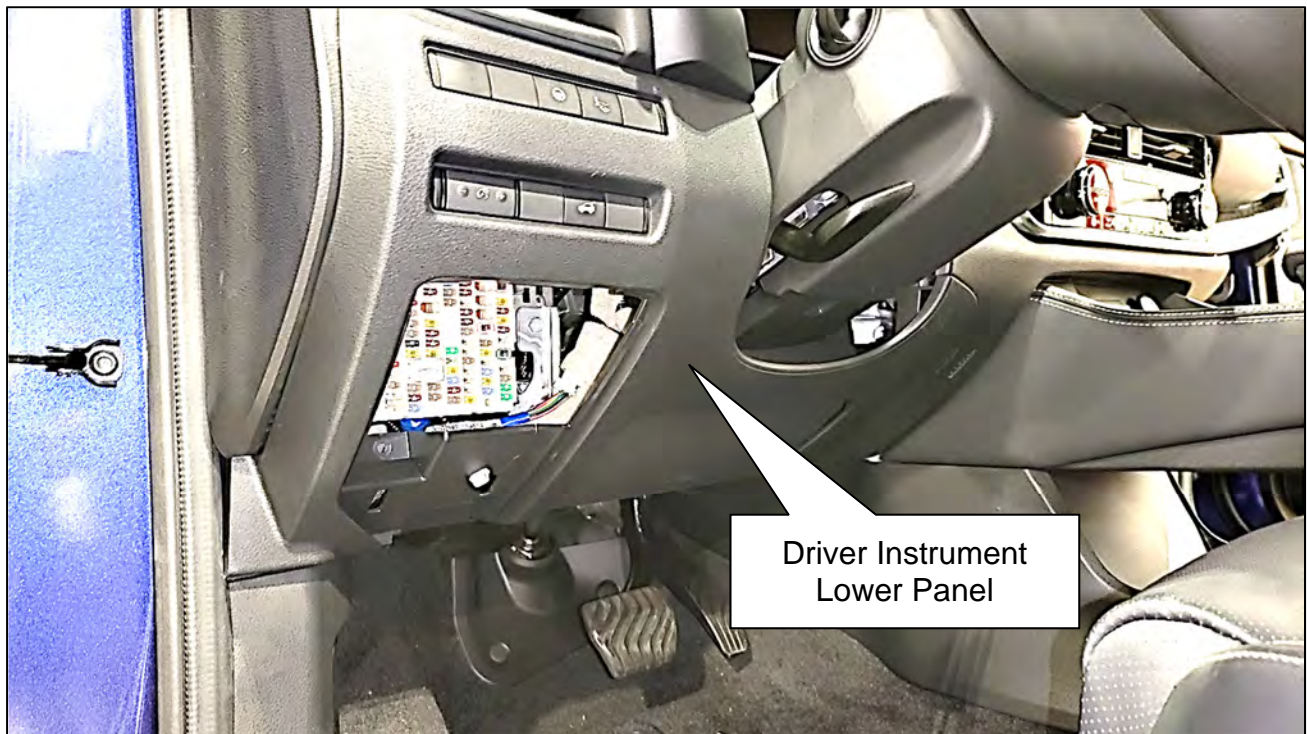


Figure 13

10. Remove the Fuse Block by depressing the clip on the driver (LH) side of the Fuse Block and pulling outward (Figure 15).

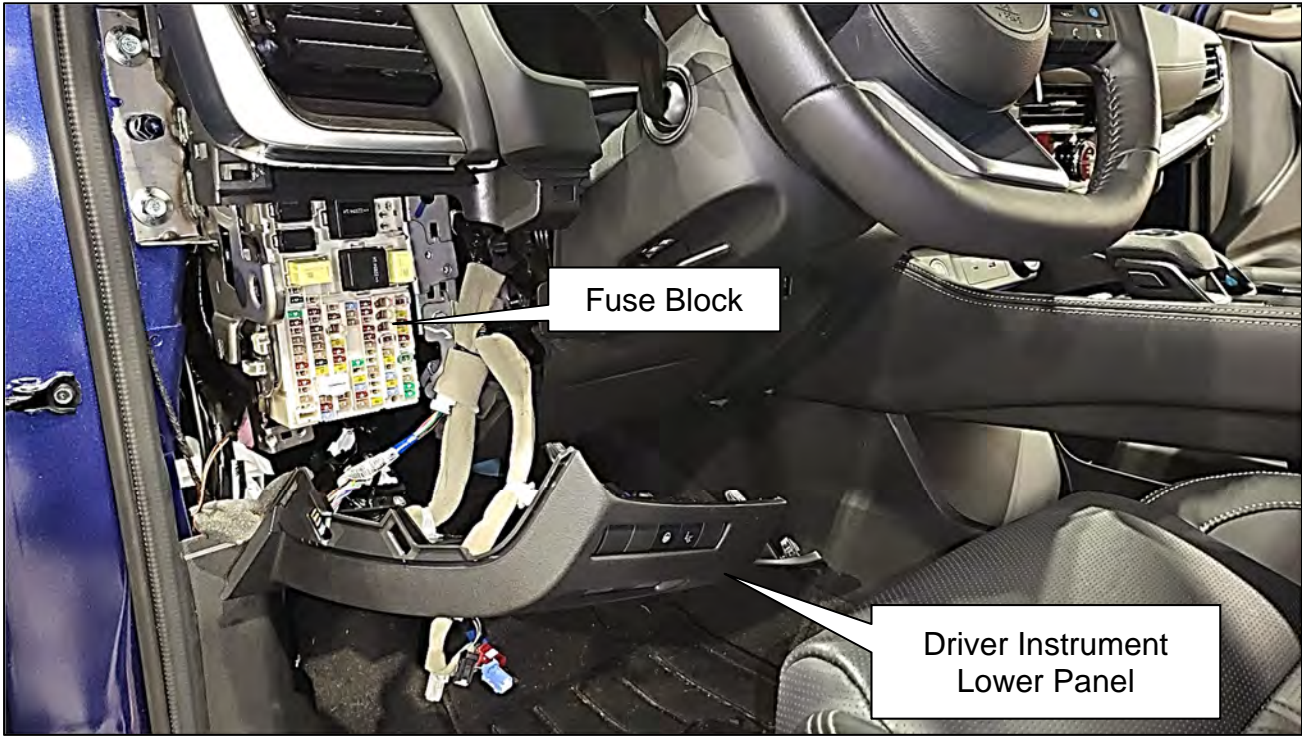


Figure 14

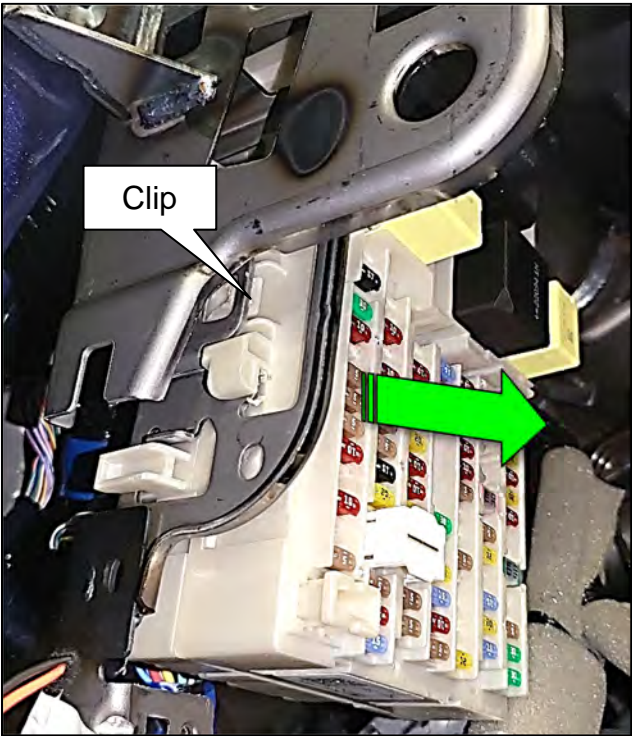


Figure 15

11. Remove the BCM.

- Refer to the **ESM: ELECTRICAL & POWER CONTROL ->BODY CONTROL SYSTEM > REMOVAL AND INSTALLATION > BCM > Removal and Installation**

IMPORTANT: Do not unplug the BCM. Only unbolt the BCM from the dash frame so it can be moved out of the way.

12. Locate the front driver side moonroof drain tube, and disconnect the drain tube from the moonroof drain grommet.

IMPORTANT: The front driver side moonroof drain tube may be visually obstructed. You may have to feel for the moonroof drain tube located under the driver side dash speaker behind bulk head insulation.

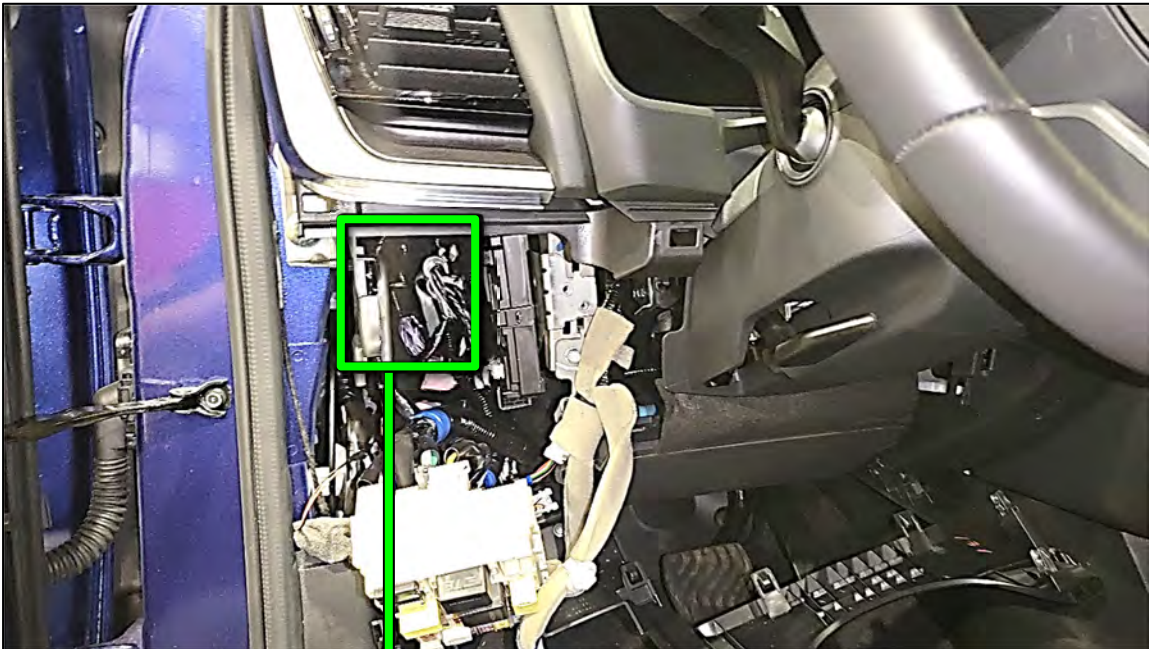


Figure 16

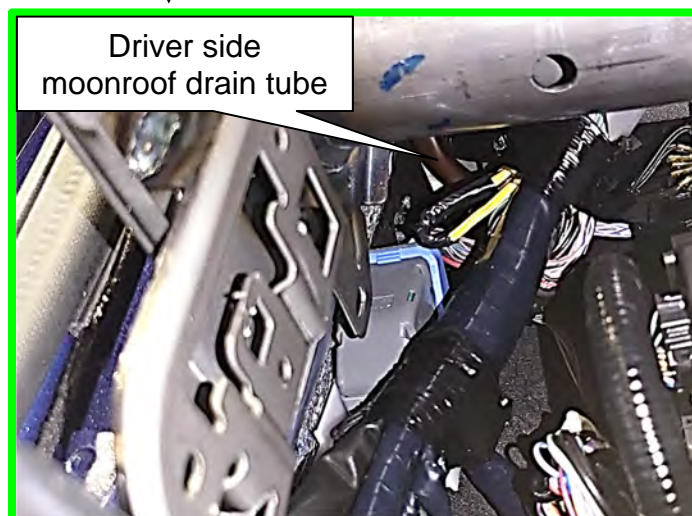


Figure 17

13. Locate the front driver side moonroof drain grommet under the Cowl Top Cover.



Figure 18

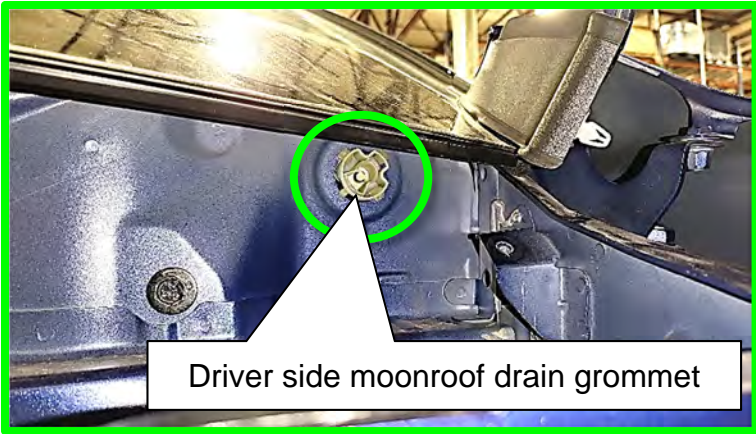


Figure 19

14. Release the four (4) locking tabs and push inward to remove the moonroof drain grommet from the inside.

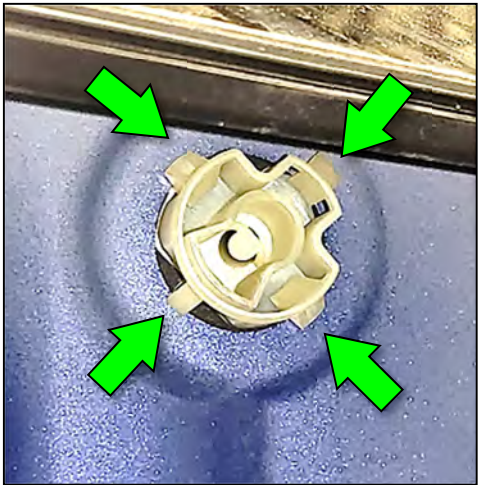


Figure 20

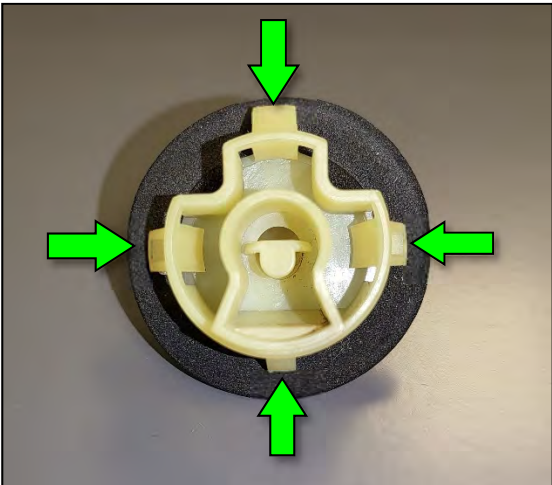


Figure 21

15. Install the new moonroof drain grommet from **PARTS INFORMATION** with the arrow pointing toward the dimple in the bulkhead, and then reinstall the moonroof drain tube.



Figure 22

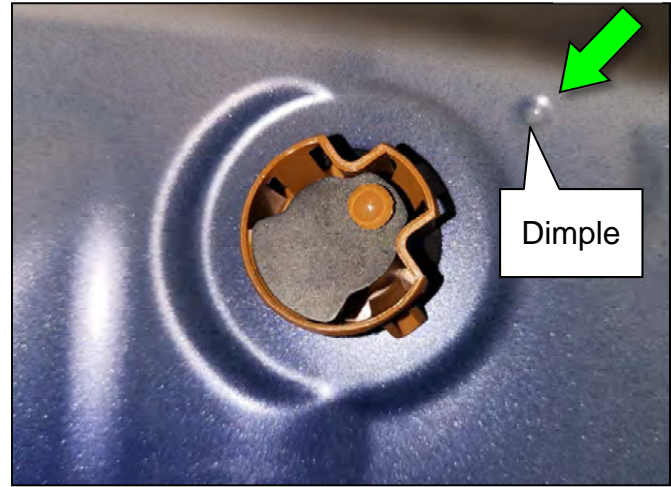


Figure 23

16. Reinstall the BCM.
17. Reinstall the Fuse Block in reverse order of removal.
18. Reinstall the Driver Instrument Lower Panel and the Fuse Block lid.
19. Reinstall Front Wiper Drive Assembly.
 - Refer to the ESM: **DRIVER CONTROLS - WIPER & WASHER - REMOVAL AND INSTALLATION - FRONT WIPER - WIPER DRIVE ASSEMBLY - Removal and Installation**
20. Reinstall the Cowl Top Cover.
 - Refer to the ESM: **BODY EXTERIOR, DOORS, ROOF & VEHICLE SECURITY > EXTERIOR > REMOVAL AND INSTALLATION > COWL TOP > Removal and Installation > REMOVAL**

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
PLUG (Moonroof Drain Grommet)	74816-6SA0A	2

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Replace Both Moonroof Drain Grommets	(1)	BX8LAA	ZL	32	0.9

- (1) Reference the electronic parts catalog and use the Moonroof Drain Grommet (74816-*****) as the Primary Failed Part (**PFP**).

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
October 9, 2023	NTB23-072	Original bulletin published

