



TECHNICAL SERVICE BULLETIN

Classification: BT25-006	Reference: NTB25-029	Date: May 29, 2025
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EXCESS DUST ENTERING CABIN WHILE DRIVING ON DIRT ROADS

APPLIED VEHICLES: 2022-2025 Pathfinder (R53)

IF YOU CONFIRM

That while driving on dirt roads with all doors and windows closed, that there is excessive dust intrusion into the vehicle's cabin that is settling on the inside of the doors.

ACTION

Refer to the **SERVICE PROCEDURE** in the bulletin to:

1. Install Butyl Patches around the door seals of driver (LH) side and passenger (RH) side front and rear doors.
2. Install drain plugs into door drains of driver (LH) side and passenger (RH) side front and rear doors.

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

Passenger (RH) Side Front Door

1. Remove the passenger (RH) side Front Door Finisher.
 - Refer to the ESM: **BODY INTERIOR > INTERIOR > REMOVAL AND INSTALLATION > FRONT DOOR FINISHER > Removal and Installation**



Figure 1

2. Use 80-220 grit sandpaper to scuff the three (3) areas shown in Figure 2.
3. Clean the door seal surface in the three (3) areas shown in Figure 2 with alcohol.

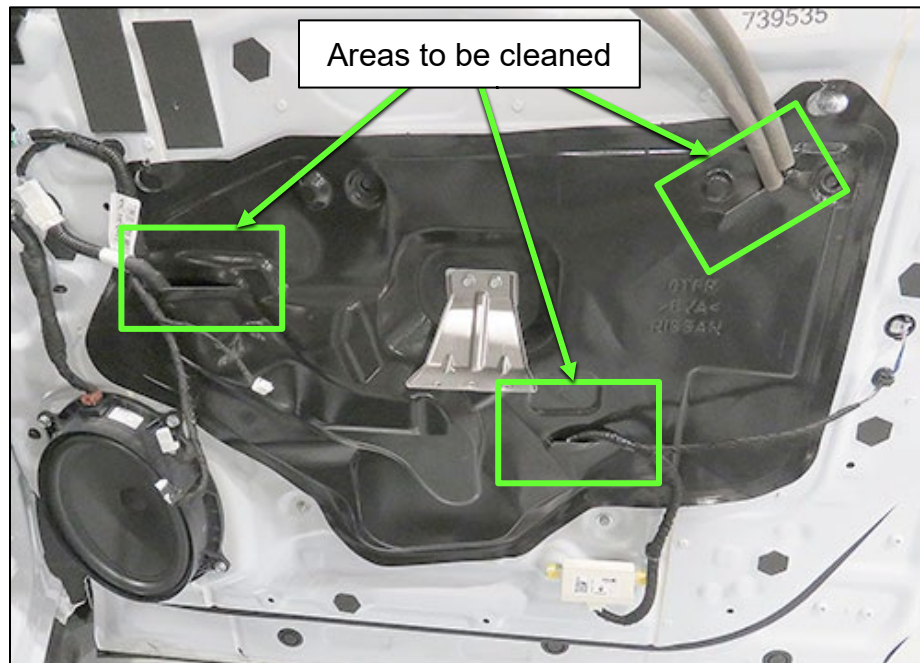


Figure 2

4. Prepare three (3) Butyl Patches as follows:

- a. Fold the foil up at both ends of each Butyl Patch where they do not have Butyl attached.

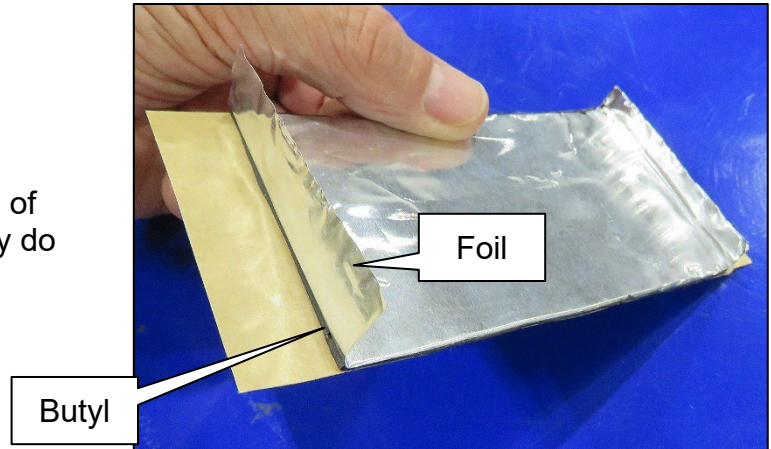


Figure 3

- b. Trim the foil to where the Butyl starts.
- Figure 4 shows foil being trimmed.
 - Figure 5 shows one (1) of three (3) finished Butyl Patches.

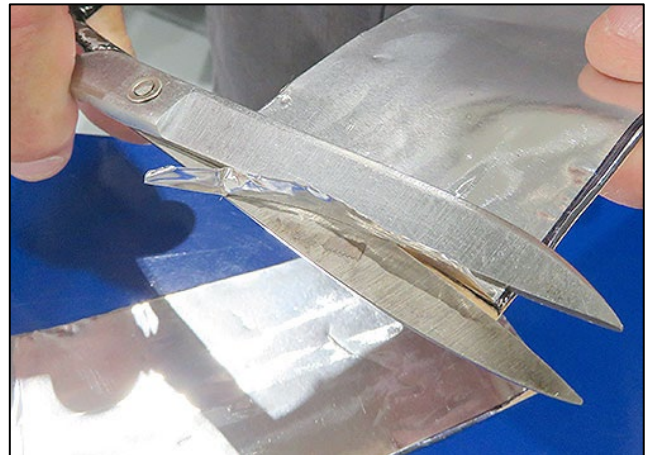


Figure 4

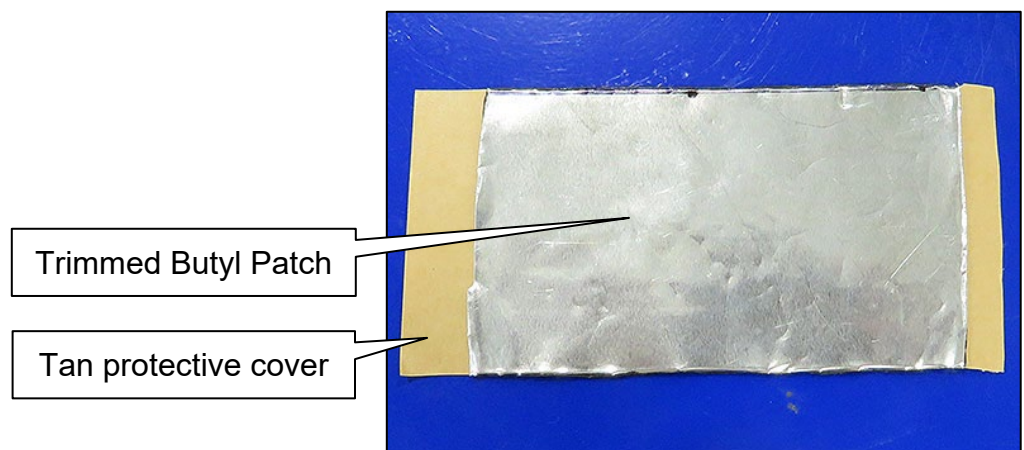


Figure 5

5. On the foil side of one (1) of the three (3) Butyl Patches, measure and mark a line, as shown in Figure 6, and then using scissors cut along the line.
 - This patch will be Butyl Patch #1. Placement is shown in Figure 7.

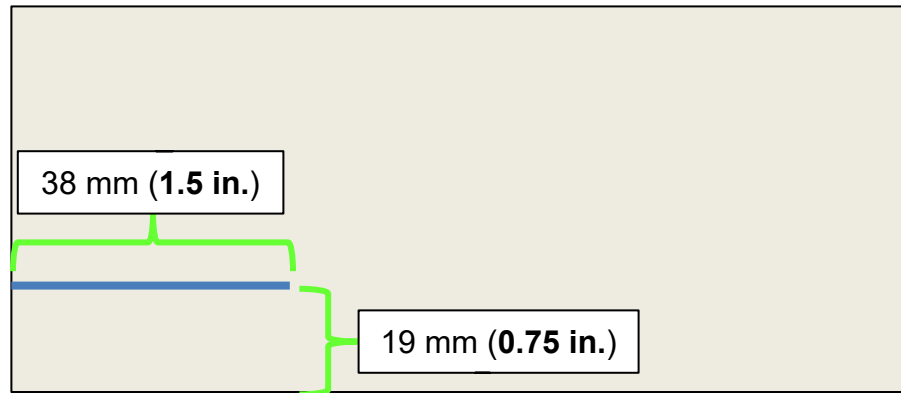


Figure 6

6. Peel the tan protective cover (Figure 5 on page 3) away from the adhesive of Butyl Patch #1, and then carefully apply it to the door seal surface, as shown in Figure 7.

HINT: The scissor cut made in step 4 should wrap around and seal the wiring harness where it is exiting the door seal.
7. Peel the tan protective cover away from the adhesive of Butyl Patch #2, and then carefully apply it to the door seal surface, as shown in Figure 7.
8. Peel the tan protective cover away from the adhesive of Butyl Patch #3, and then carefully apply it to the door seal surface, as shown in Figure 7.
9. Press all Butyl Patches into the door seals so that they are completely sealed around all edges.

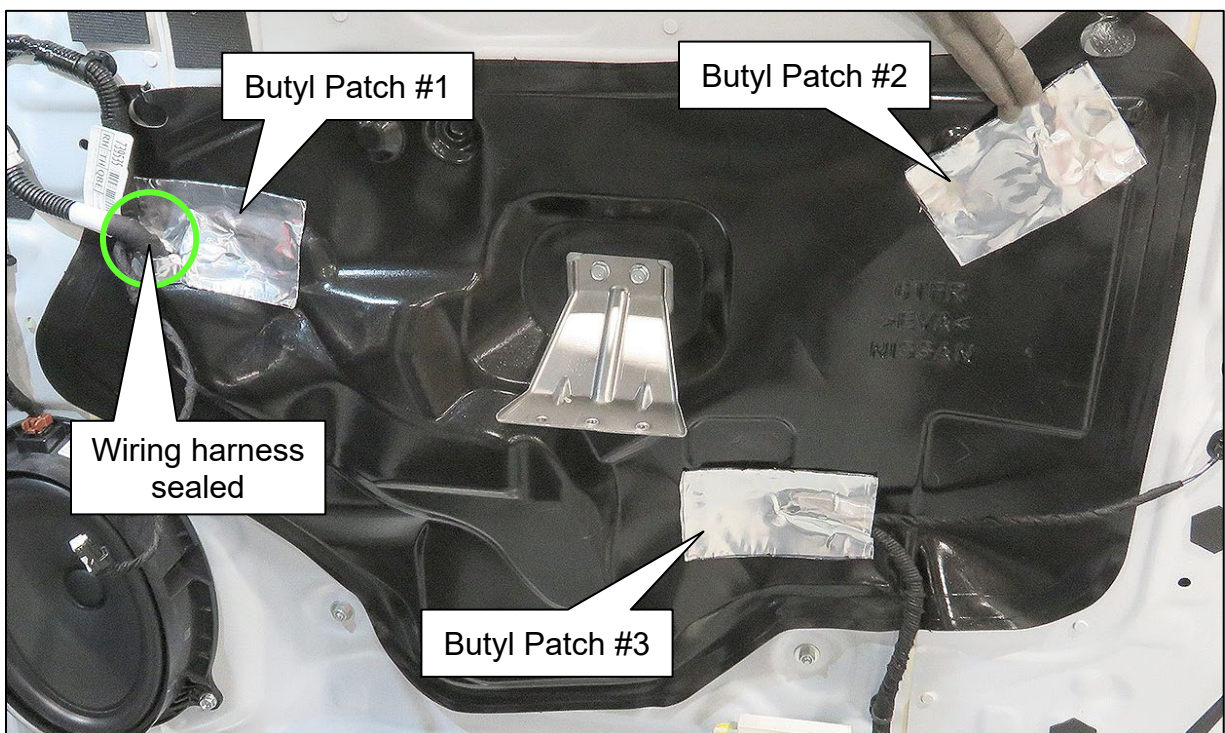
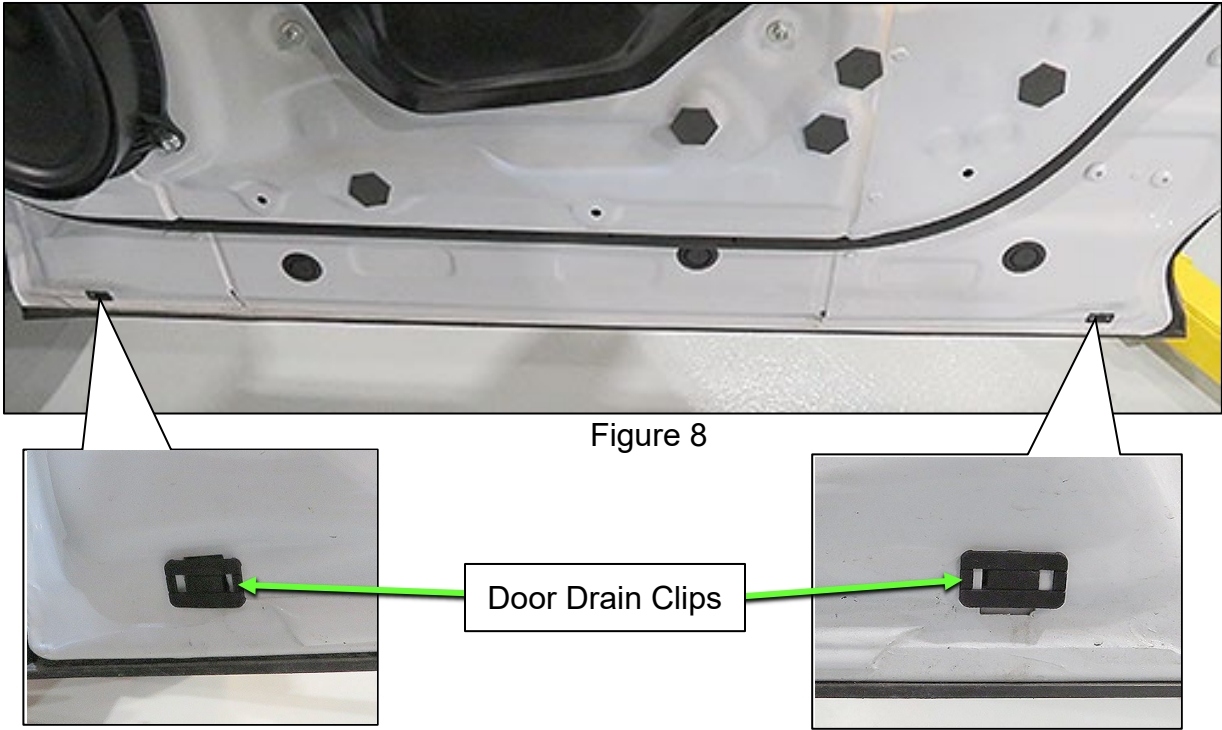


Figure 7

10. Install two (2) CLIP DOOR DRAIN (Door Drain Clip) into the door drain locations shown in Figure 8.

HINT: Figure 8 shows Door Drain Clips installed.



11. Reinstall the passenger (RH) side Front Door Finisher.
- Refer to the ESM: **BODY INTERIOR > INTERIOR > REMOVAL AND INSTALLATION > FRONT DOOR FINISHER > Removal and Installation**

Passenger (RH) Side Rear Door

12. Remove the passenger (RH) side Rear Door Finisher.
 - Refer to the ESM: **BODY INTERIOR > INTERIOR > REMOVAL AND INSTALLATION > FRONT DOOR FINISHER > Removal and Installation**



Figure 9

13. Remove the door panel bracket.
 - Two (2) bolts.

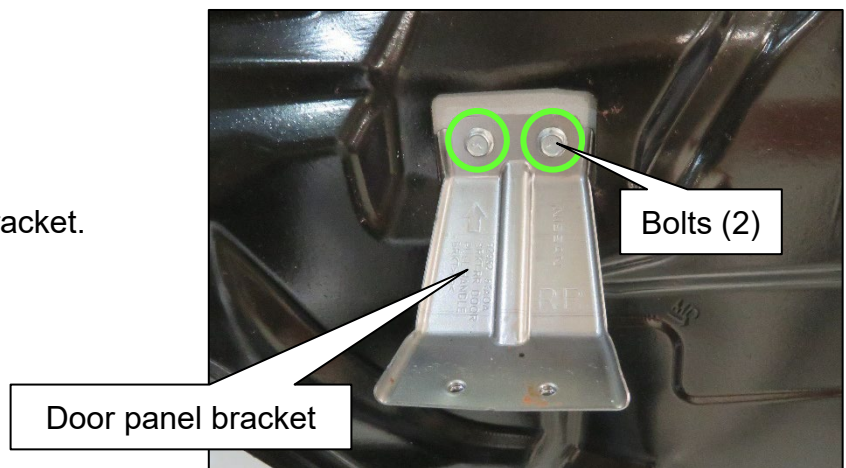


Figure 10

14. Use 80-220 grit sandpaper to scuff the four (4) areas shown in Figure 11.
15. Clean the door seal surface in the four (4) areas shown in Figure 11 with alcohol.

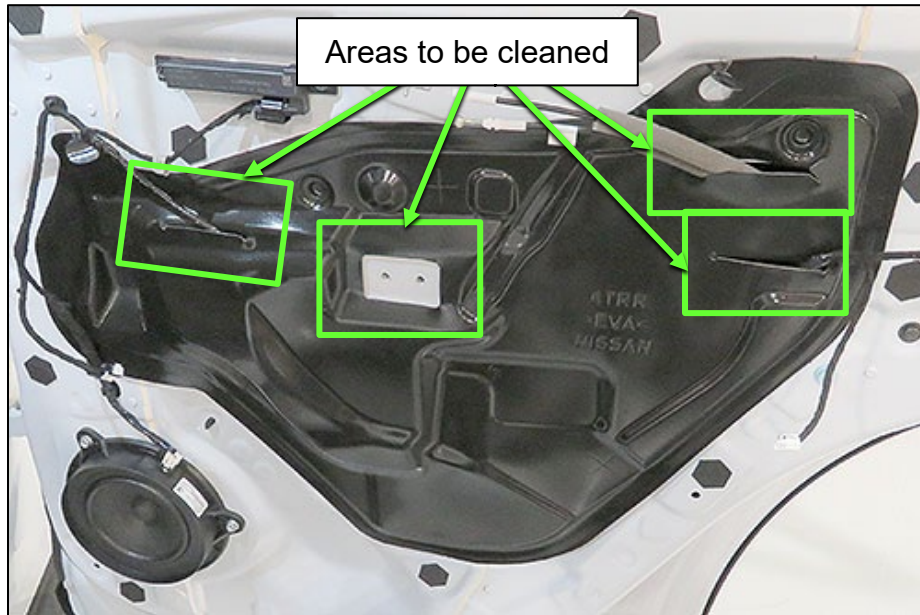


Figure 11

16. Prepare four (4) Butyl Patches as follows:
 - a. Fold the foil up at both ends of each Butyl Patch where they do not have Butyl attached.

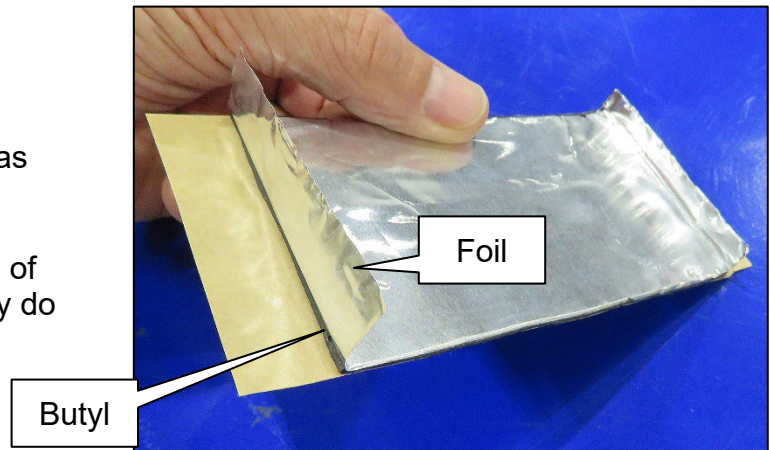


Figure 12

- b. Trim the foil to where the Butyl starts.
 - o Figure 13 shows foil being trimmed.

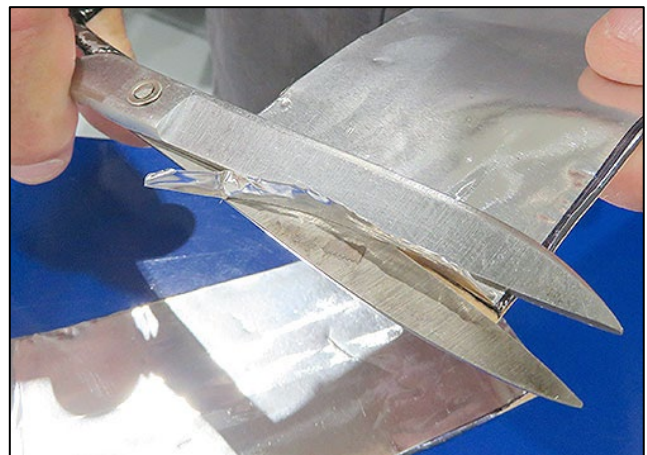


Figure 13

- Figure 14 shows one (1) of four (4) finished Butyl Patches.



Figure 14

17. On the foil side of one (1) of the four (4) Butyl Patches, measure and mark a line, as shown in Figure 15, and then using scissors cut along the line.
 - This patch will be Butyl Patch #2. Placement is shown in Figure 17 on page 9.

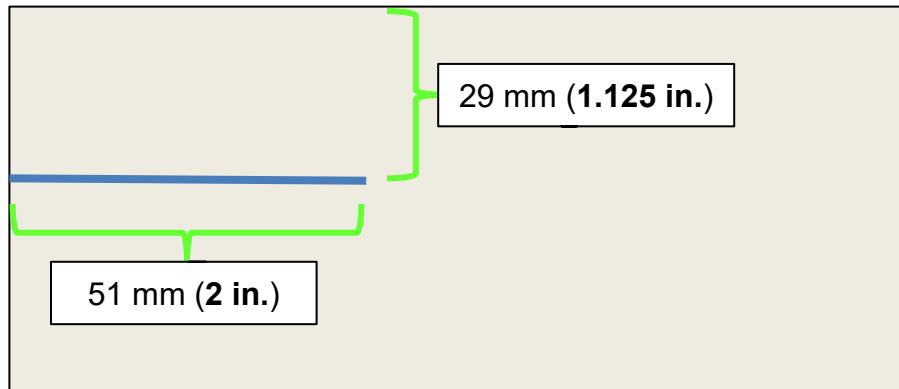


Figure 15

18. On the foil side of one (1) of the four (4) Butyl Patches, measure and mark a line, as shown in Figure 16, and then using scissors cut along the line.
 - This patch will be Butyl Patch #3. Placement is shown in Figure 17 on page 9.

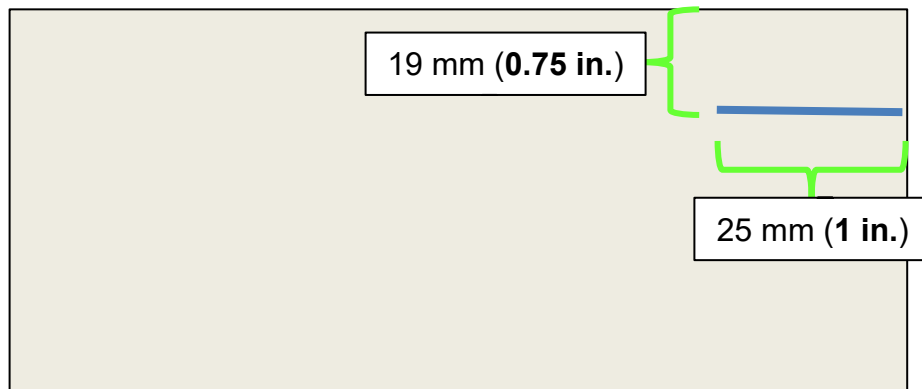


Figure 16

19. Peel the tan protective cover (Figure 5 on page 3) away from the adhesive of Butyl Patch #2, and then carefully apply it to the door seal surface, as shown in Figure 17.
HINT: The scissor cut made in step 17 on page 8 should wrap around and seal the door cables where they are exiting the door seal.
20. Peel the tan protective cover away from the adhesive of Butyl Patch #3, and then carefully apply it to the door seal surface, as shown in Figure 17.
HINT: The scissor cut made in step 18 on page 8 should wrap around and seal the door cables where they are exiting the door seal.
21. Peel the tan protective cover away from the adhesive of Butyl Patch #1, and then carefully apply it to the door seal surface, as shown in Figure 17.
22. Peel the tan protective cover away from the adhesive of Butyl Patch #4, and then carefully apply it to the door seal surface, as shown in Figure 17.
23. Press all Butyl Patches into the door seals so that they are completely sealed around all edges.

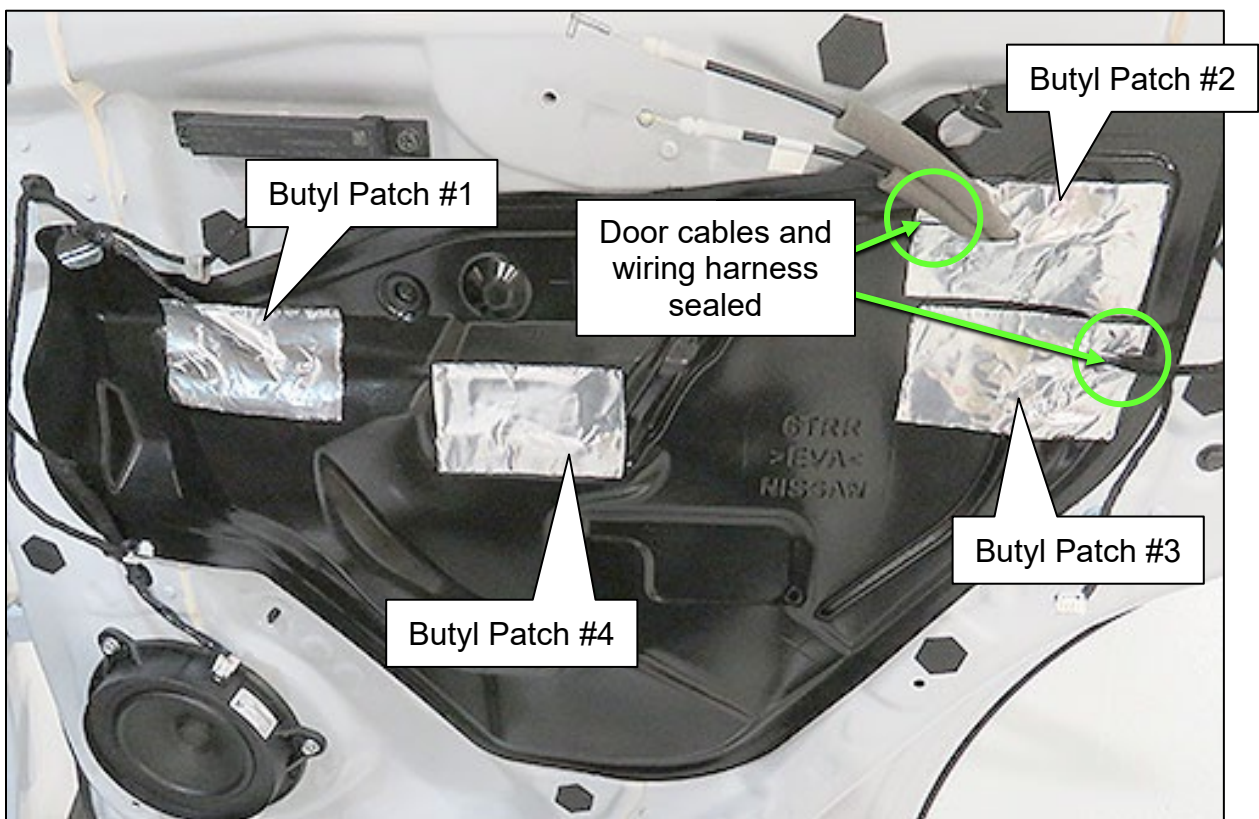
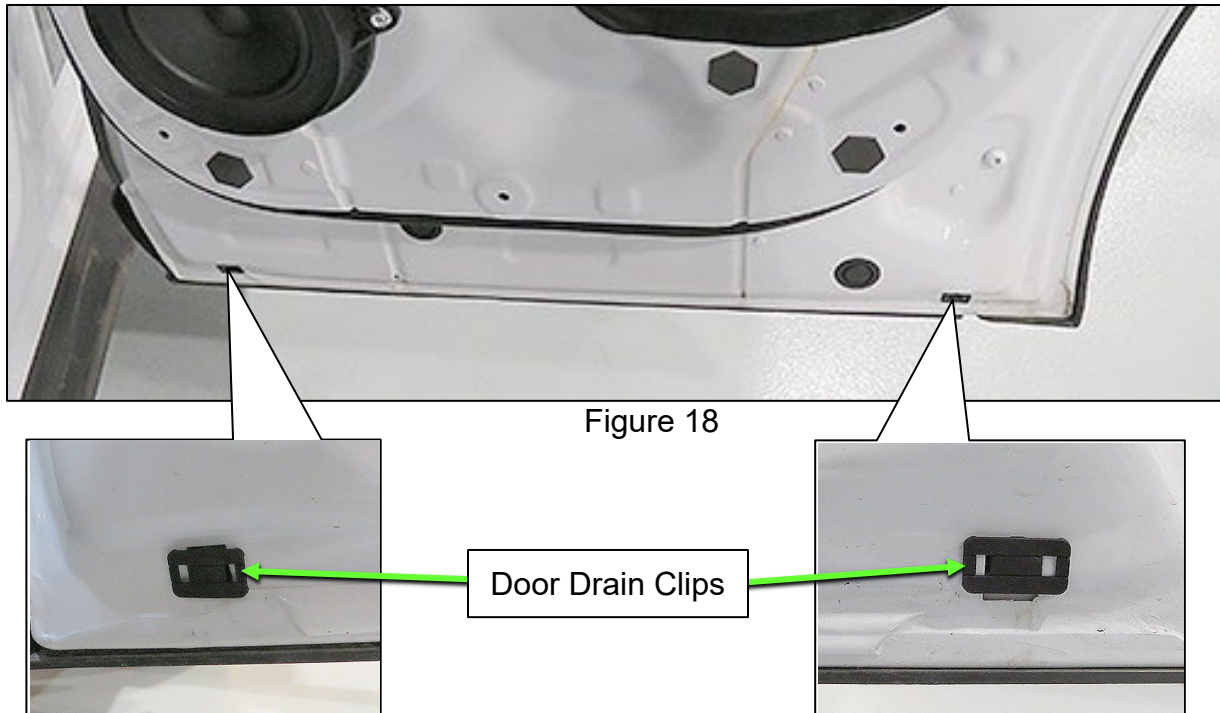


Figure 17

24. Install two (2) CLIP DOOR DRAIN (Door Drain Clip) into the door drain locations shown in Figure 18.

HINT: Figure 8 shows Door Drain Clips installed.



25. Reinstall the door panel bracket over Butyl Patch #4.

- Two (2) bolts.

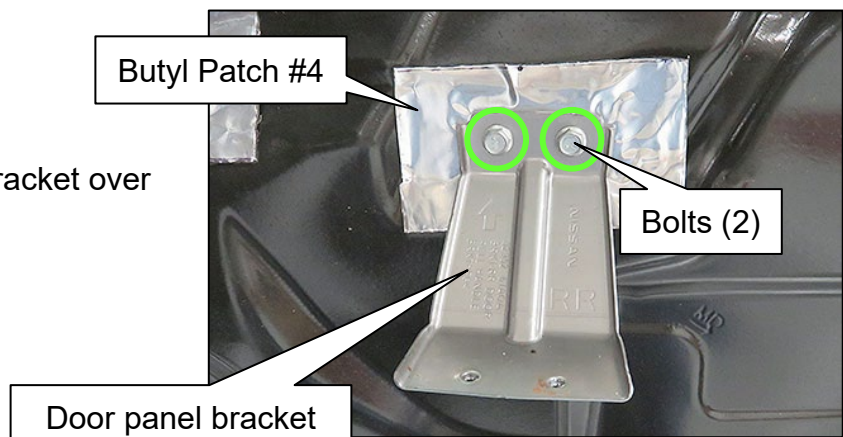


Figure 19

26. Reinstall the passenger (RH) side Rear Door Finisher.

- Refer to the ESM: **BODY INTERIOR > INTERIOR > REMOVAL AND INSTALLATION > FRONT DOOR FINISHER > Removal and Installation**

Driver (LH) Side Front Door

27. Remove the driver (LH) side Front Door Finisher.

- Refer to the ESM: **BODY INTERIOR > INTERIOR > REMOVAL AND INSTALLATION > FRONT DOOR FINISHER > Removal and Installation**



Driver (LH) side Front Door Finisher

Figure 20

28. Use 80-220 grit sandpaper to scuff the three (3) areas shown in Figure 21.

29. Clean the door seal surface in the three (3) areas shown in Figure 21 with alcohol.

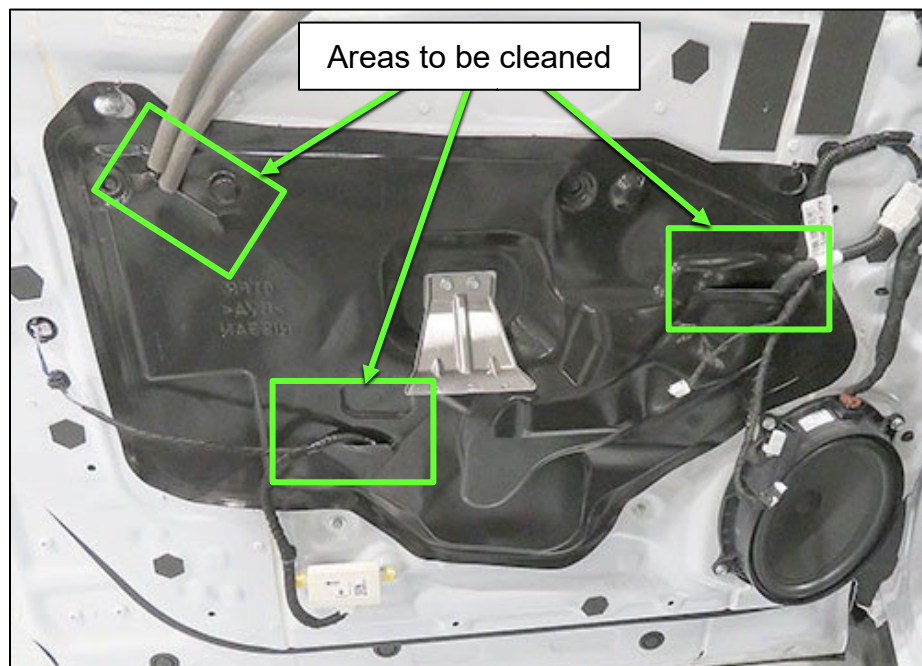


Figure 21

30. Prepare three (3) Butyl Patches as follows:

- a. Fold the foil up at both ends of each Butyl Patch where they do not have Butyl attached.

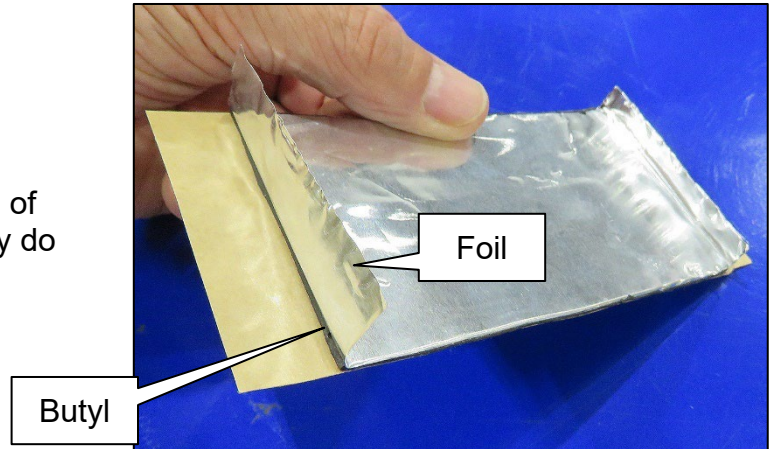


Figure 22

- b. Trim the foil to where the Butyl starts.
- Figure 23 shows foil being trimmed.
 - Figure 24 shows one (1) of three (3) finished Butyl Patches.

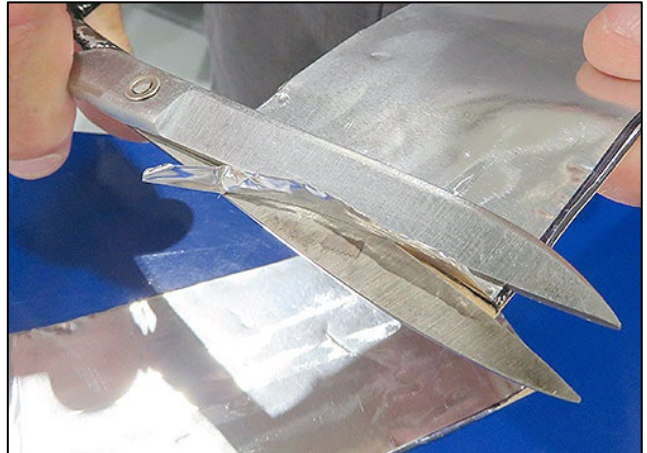


Figure 23

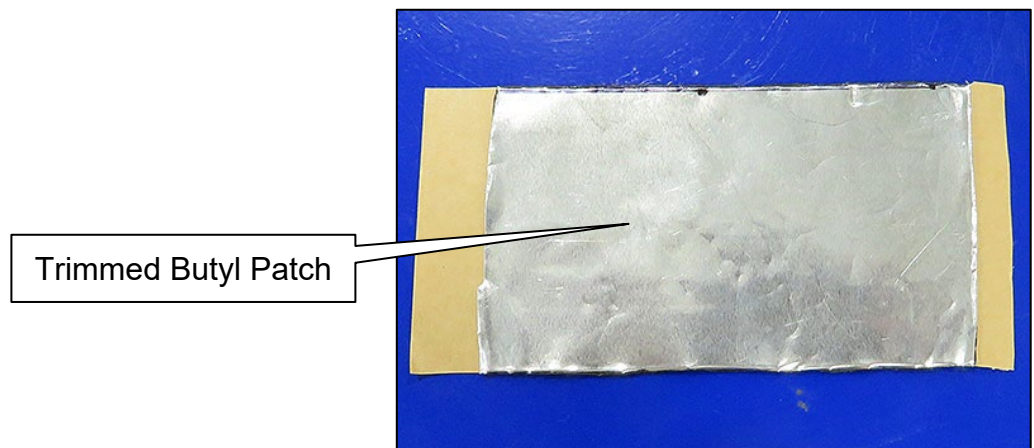


Figure 24

31. On the foil side of one (1) of the three (3) Butyl Patches, measure and mark a line, as shown in Figure 25, and then using scissors cut along the line.
 - This patch will be Butyl Patch #1. Placement is shown in Figure 26.

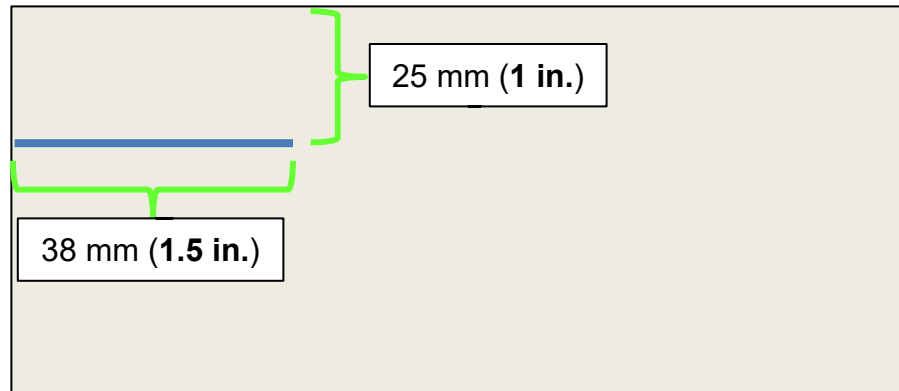


Figure 25

32. Peel the tan protective cover (Figure 5 on page 3) away from the adhesive of Butyl Patch #1, and then carefully apply it to the door seal surface, as shown in Figure 26.

HINT: The scissor cut made in step 31 should wrap around and seal the wiring harness where it is exiting the door seal.
33. Peel the tan protective cover away from the adhesive of Butyl Patch #2, and then carefully apply it to the door seal surface, as shown in Figure 26.
34. Peel the tan protective cover away from the adhesive of Butyl Patch #3, and then carefully apply it to the door seal surface, as shown in Figure 26.
35. Press all Butyl Patches into the door seals so that they are completely sealed around all edges.

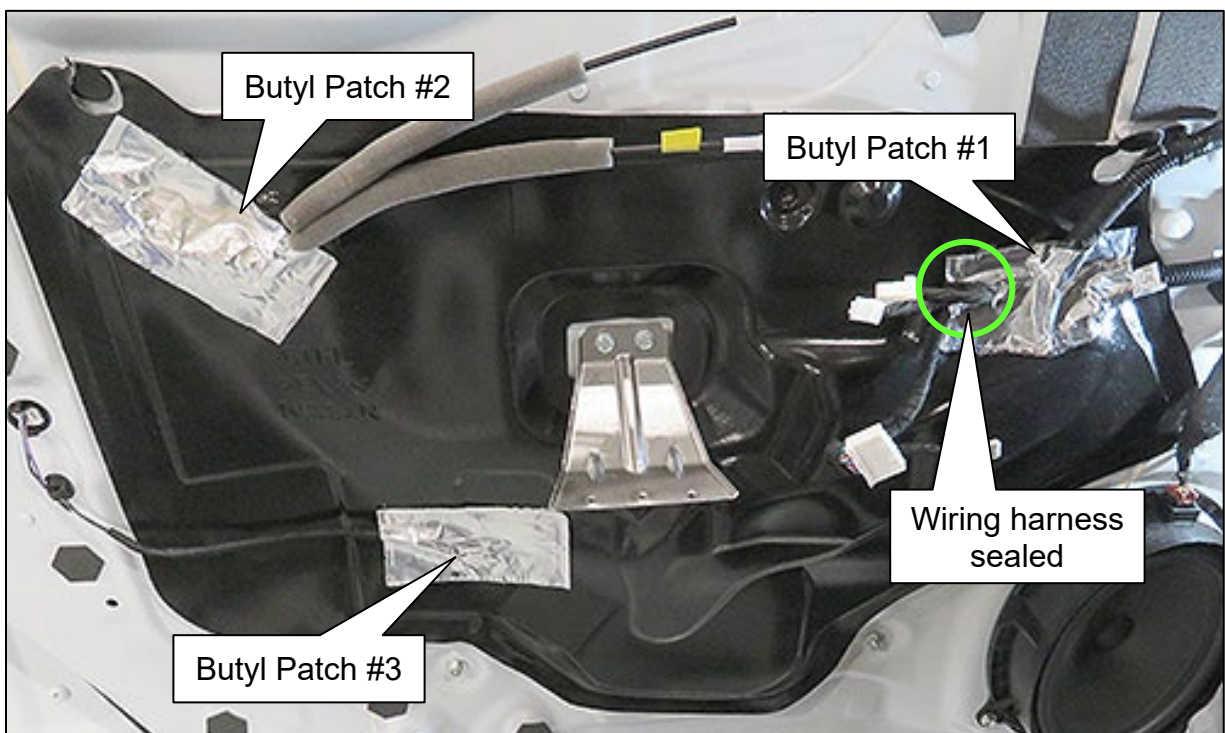


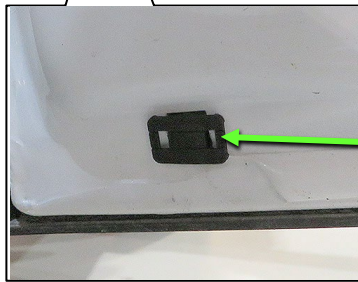
Figure 26

36. Install two (2) CLIP DOOR DRAIN (Door Drain Clip) into the door drain locations shown in Figure 27.

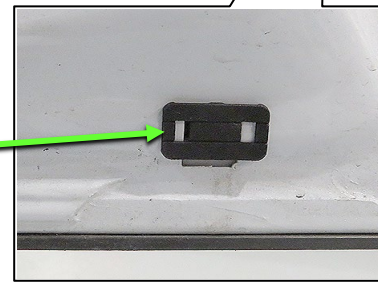
HINT: Figure 27 shows Door Drain Clips installed.



Figure 27



Door Drain Clips



37. Reinstall the driver (LH) side Front Door Finisher.
- Refer to the ESM: **BODY INTERIOR > INTERIOR > REMOVAL AND INSTALLATION > FRONT DOOR FINISHER > Removal and Installation**

Driver (LH) Side Rear Door

38. Remove the driver (LH) side Rear Door Finisher.

- Refer to the ESM: **BODY INTERIOR > INTERIOR > REMOVAL AND INSTALLATION > FRONT DOOR FINISHER > Removal and Installation**

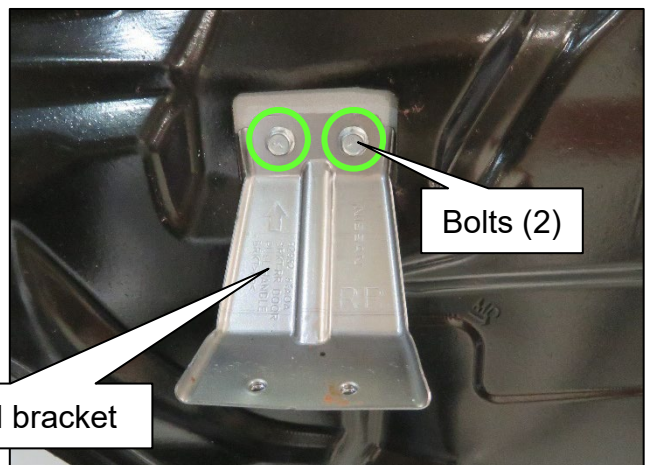


Driver (LH) side
Rear Door Finisher

Figure 28

39. Remove the door panel bracket.

- Two (2) bolts.



Door panel bracket

Bolts (2)

Figure 29

40. Use 80-220 grit sandpaper to scuff the four (4) areas shown in Figure 30.
41. Clean the door seal surface in the four (4) areas shown in Figure 30 with alcohol.

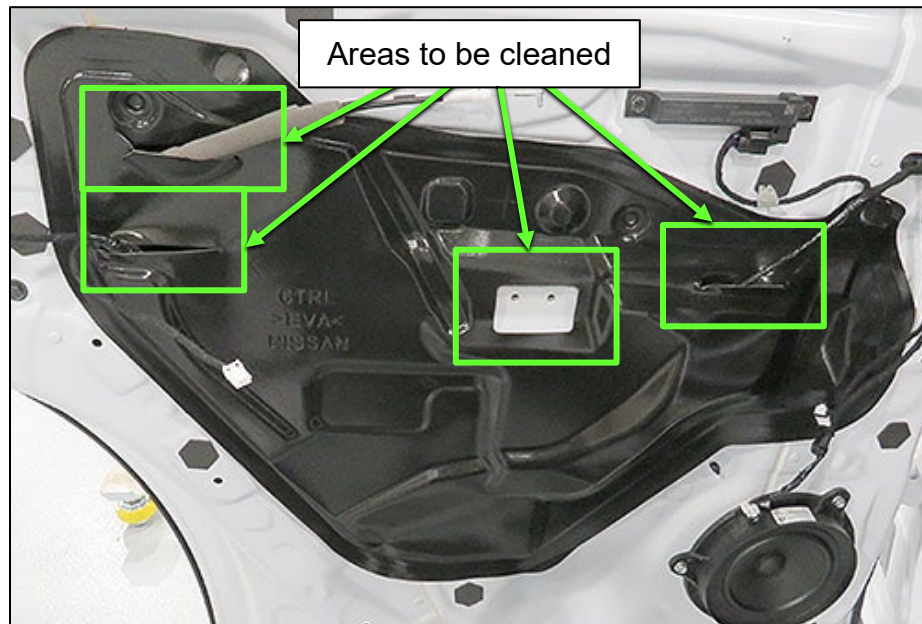


Figure 30

42. Prepare four (4) Butyl Patches as follows:
 - a. Fold the foil up at both ends of each Butyl Patch where they do not have Butyl attached.

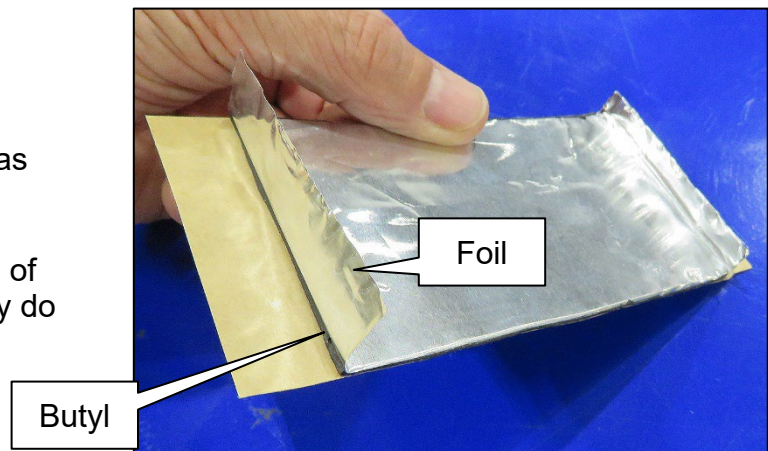


Figure 31

- b. Trim the foil to where the Butyl starts.
 - o Figure 32 shows foil being trimmed.

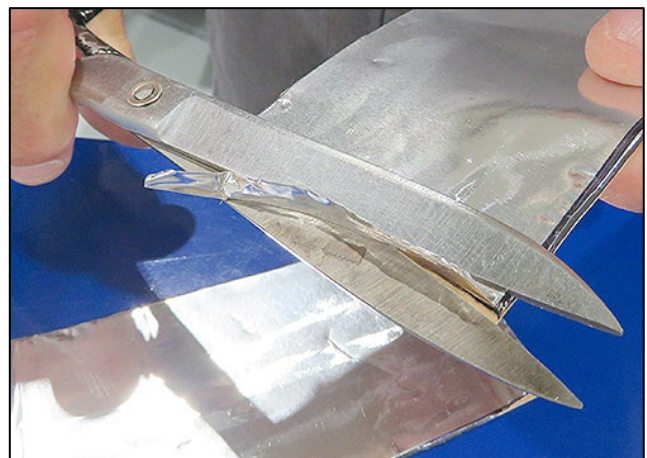


Figure 32

- Figure 33 shows one (1) of Four (4) finished Butyl Patches.



Figure 33

43. On the foil side of one (1) of the four (4) Butyl Patches, measure and mark a line, as shown in Figure 34, and then using scissors cut along the line.
 - This patch will be Butyl Patch #2. Placement is shown in Figure 36 on page 18.

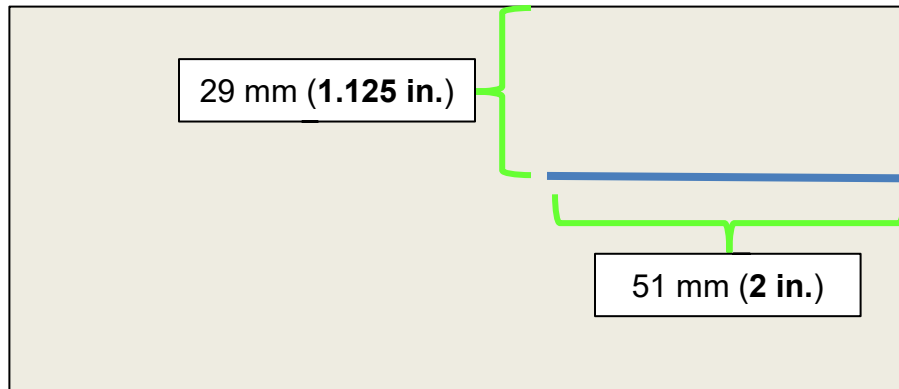


Figure 34

44. On the foil side of one (1) of the four (4) Butyl Patches, measure and mark a line, as shown in Figure 35, and then using scissors cut along the line.
 - This patch will be Butyl Patch #3. Placement is shown in Figure 36 on page 18.

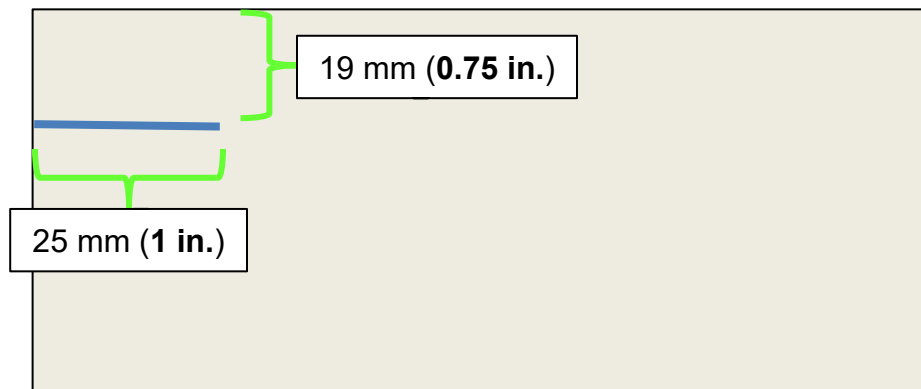


Figure 35

45. Peel the tan protective cover (Figure 5 on page 3) away from the adhesive of Butyl Patch #2, and then carefully apply it to the door seal surface, as shown in Figure 36.
HINT: The scissor cut made in step 43 on page 17 should wrap around and seal the door cables where they are exiting the door seal.
46. Peel the tan protective cover away from the adhesive of Butyl Patch #3, and then carefully apply it to the door seal surface, as shown in Figure 36.
HINT: The scissor cut made in step 44 on page 17 should wrap around and seal the door cables where they are exiting the door seal.
47. Peel the tan protective cover away from the adhesive of Butyl Patch #1, and then carefully apply it to the door seal surface, as shown in Figure 36.
48. Peel the tan protective cover away from the adhesive of Butyl Patch #4, and then carefully apply it to the door seal surface, as shown in Figure 36.
49. Press all Butyl Patches into the door seals so that they are completely sealed around all edges.

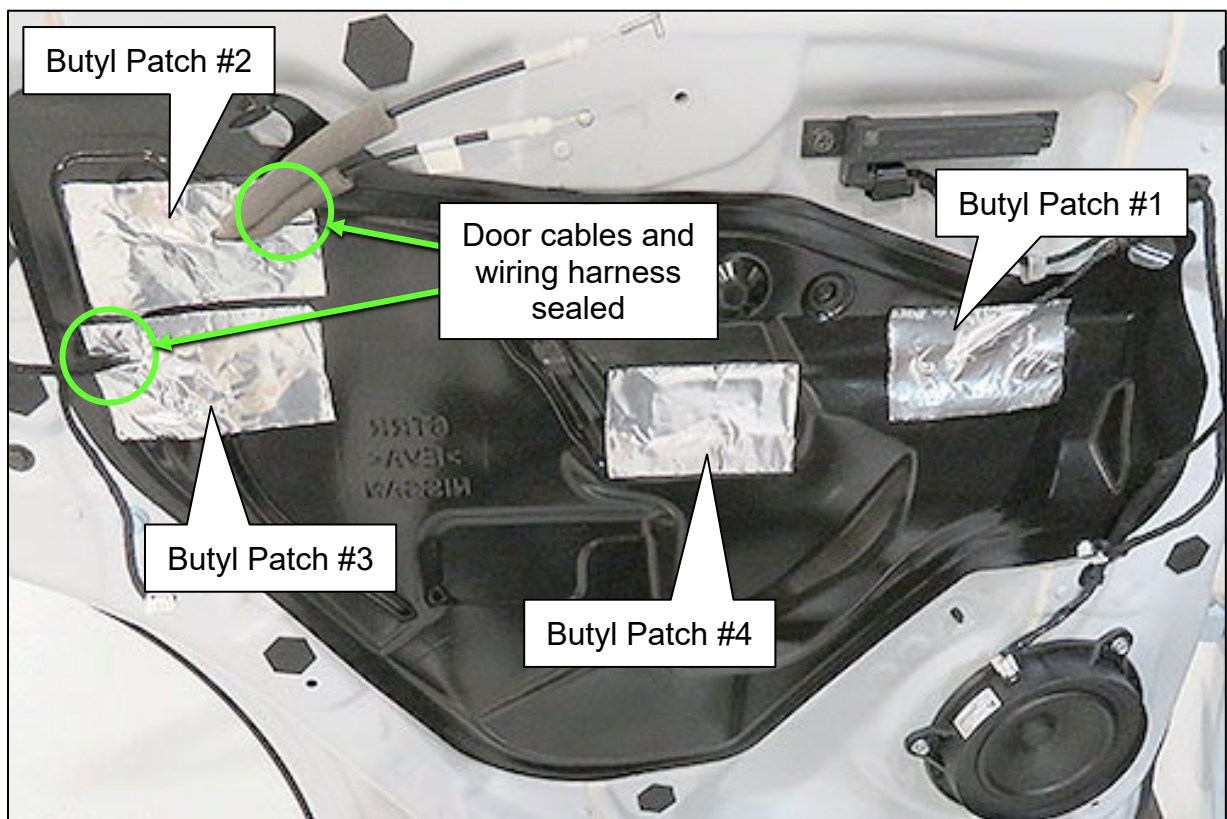


Figure 36

50. Install two (2) CLIP DOOR DRAIN (Door Drain Clip) into the door drain locations shown in Figure 37.

HINT: Figure 37 shows Door Drain Clips installed.

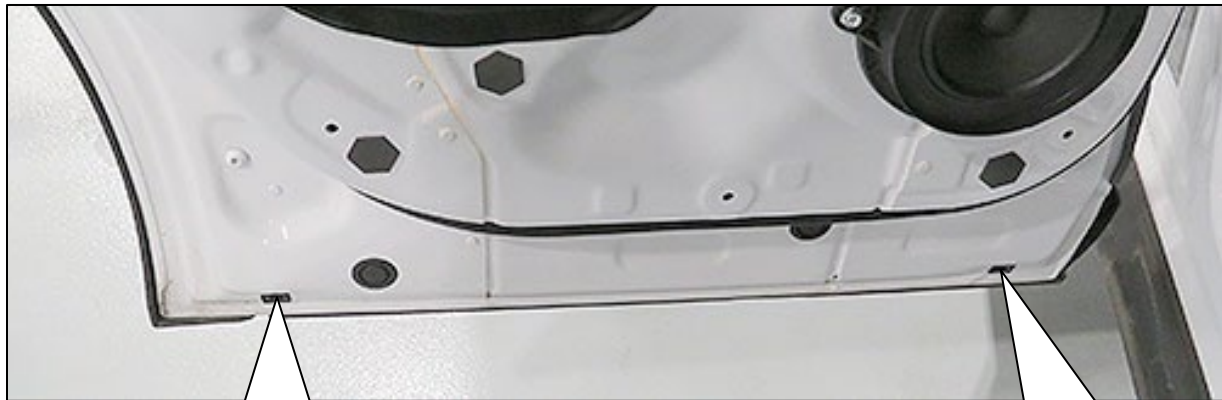
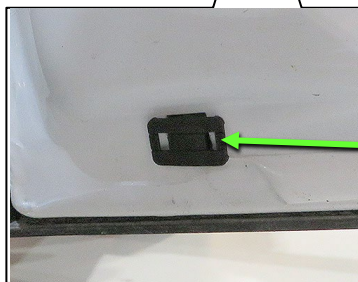
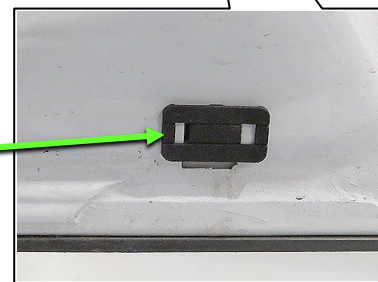


Figure 37



Door Drain Clips



51. Reinstall the door panel bracket over Butyl Patch #4

- Two (2) bolts.

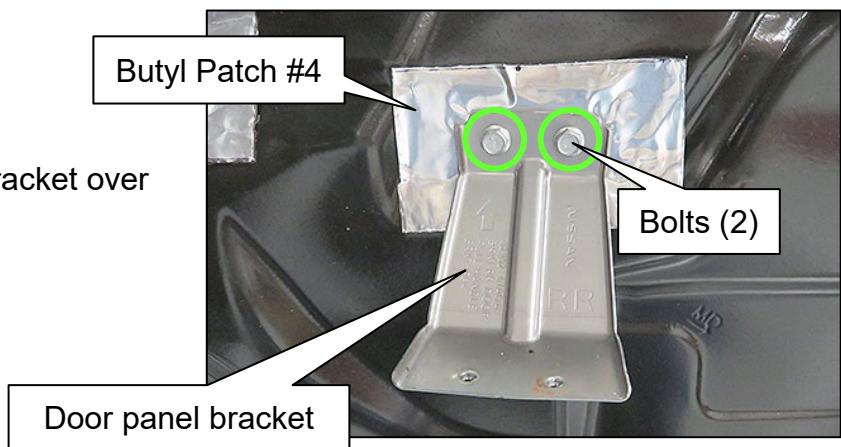


Figure 38

52. Reinstall the driver (LH) side Rear Door Finisher.

- Refer to the ESM: **BODY INTERIOR > INTERIOR > REMOVAL AND INSTALLATION > FRONT DOOR FINISHER > Removal and Installation**

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
INSUL-RR PLR INR (BUTYL PATCH, 130 x 70 mm)	76884-7S10A	14
CLIP DOOR DRAIN (Door Drain Clip)	80897-6TA0A	8

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Install Butyl Door Seal Patches (All)	(1)	BX8VAA	ZU	53	1.3

- (1) Reference the electronic parts catalog and use the Door Weatherstrip as the Primary Failed Part (PFP).

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
May 29, 2025	NTB25-029	Original bulletin published