



# TECHNICAL SERVICE BULLETIN

Classification: EL22-011B	Reference: NTB22-051B	Date: July 11, 2023
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## HORN INOPERATIVE

This bulletin has been amended. See **AMENDMENT HISTORY** on the last page.  
Please discard previous versions of this bulletin.

**APPLIED VEHICLES:**  
2019-2023 Altima (L34)  
2018-2023 Kicks (P15)  
2018-2023 LEAF (ZE1)  
2020-2023 Sentra (B18)  
2020-2023 Versa (N18)

### IF YOU CONFIRM

The horn on an **APPLIED VEHICLE** is inoperative.

### ACTION

Inspect the horn pad for a pinched ground wire. If a pinched ground wire is found, replace the high and low horns.

**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.

## REQUIRED SPECIAL TOOL

### Airbag Release Tool – J-52551

(New part number: NI-52551)

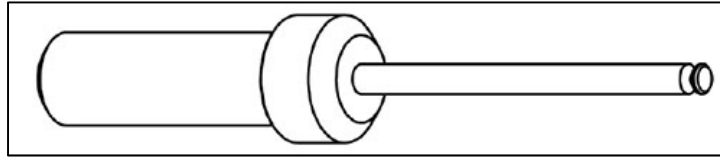


Figure 1

- Additional tools may be purchased from Tech•Mate online: [www.techmatetools.com](http://www.techmatetools.com), or by phone: 1-833-397-3493.

**HINT:** When ordering, keep in mind that the tool part number prefix has changed from “J” to “NI”. For example, J-52551 is now NI-52551.

## SERVICE PROCEDURE

1. Write down the radio settings.

Presets	1	2	3	4	5	6
AM						
FM 1						
FM 2						
SAT 1						
SAT 2						
Bass	Treble		Balance	Fade	Speed Sen. Vol.	

2. Open the hood and disconnect the negative battery terminal.
  - Verify the ignition is OFF before disconnecting the negative battery terminal.
  - Install protective tape over the negative battery terminal.
  - Wait a minimum of 3 minutes before proceeding, so that the air bag diagnosis unit may fully discharge any remaining electricity.

### **NOTICE**

To prevent damage to the ACC power supply, do not operate the vehicle, such as locking/unlocking or opening/closing the doors within the 3-minute waiting period.

### **WARNING**

To prevent the risk of personal injury or damage to the vehicle, verify the ignition switch is OFF and a minimum of 3 minutes has elapsed since the negative battery terminal was disconnected, before proceeding to step 3.

3. Locate the two (2) access holes on the back of the steering wheel and the one (1) access hole on the bottom of the steering wheel (Figure 2).
  - A. Right side access hole
  - B. Left side access hole
  - C. Bottom access hole

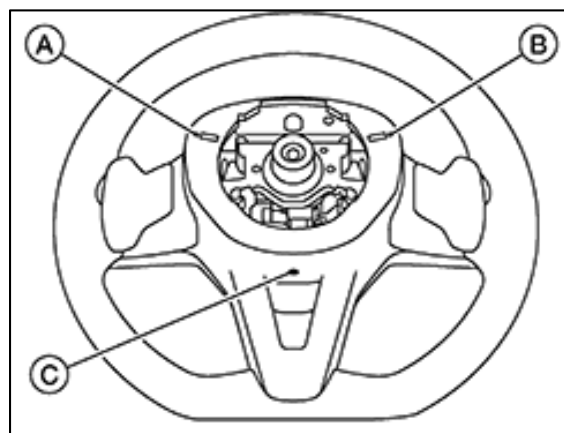


Figure 2

4. Turn the steering wheel until the access hole (A) is visible from the top of the steering column (Figure 3).

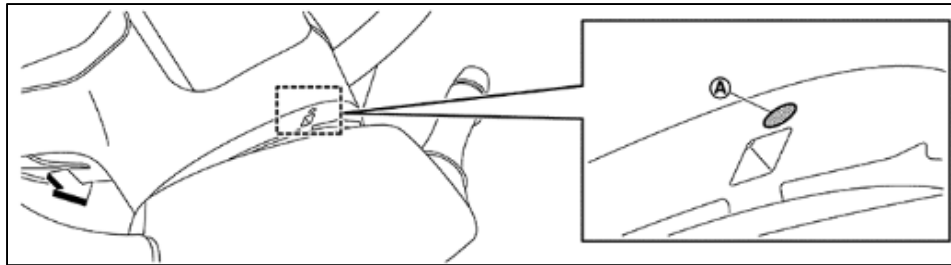


Figure 3

5. Insert the Airbag Release Tool (A), into the access hole and under the spring (1), as shown in Figure 4.

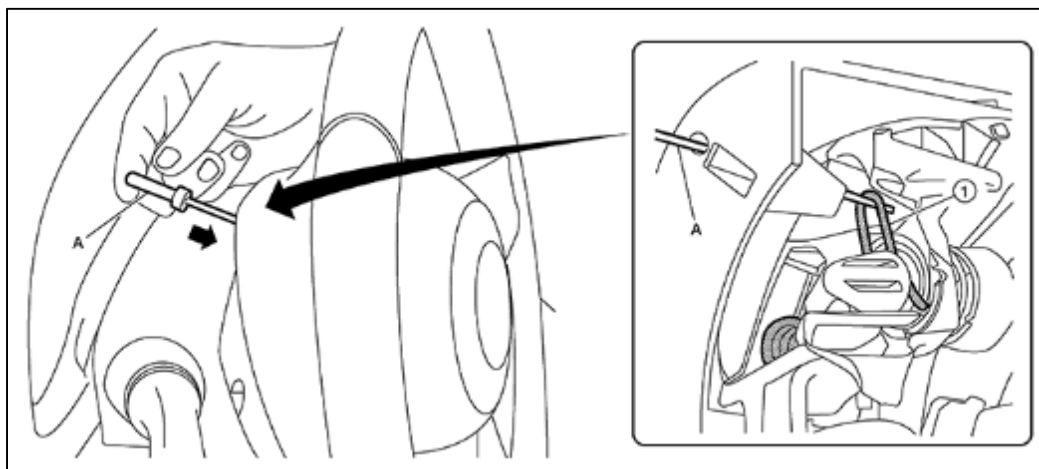


Figure 4

6. Lift the spring (1) using the Airbag Release Tool (A), to disengage the spring, as shown in Figure 5.

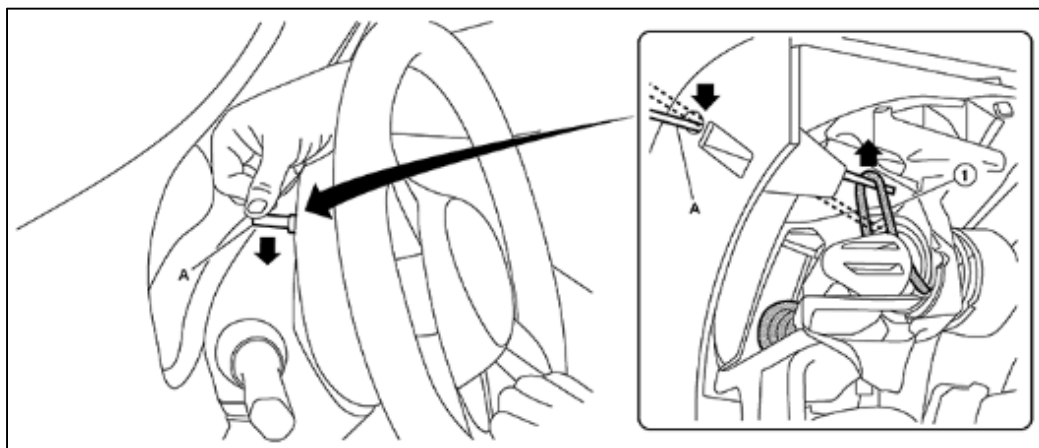


Figure 5

7. Turn the steering wheel in the opposite direction, and then repeat steps 4 - 6 to release spring B (Figure 2 on page 3).
8. Using the Airbag Release Tool (A), gently push the bottom pawl (B) and gently tilt the bottom of the driver airbag module outward so that the pawl will not re-engage, and then pull out the driver airbag module.

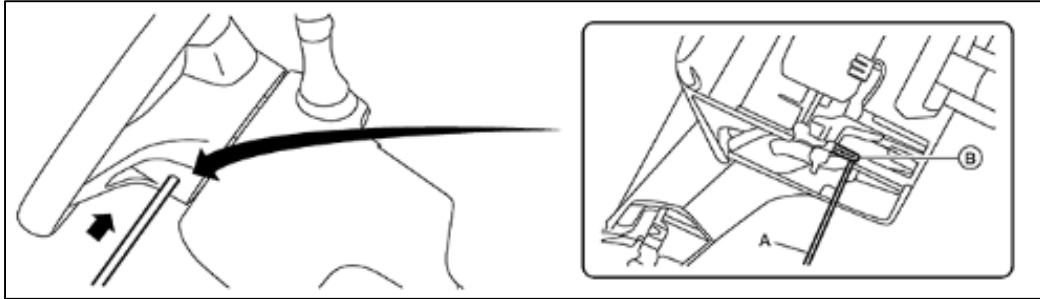


Figure 6

9. Inspect the horn ground wire for signs of pinching.
- If signs of a pinched ground wire are present, proceed to step 10 on page 7 to replace the high and low horns.
  - If signs of a pinched ground wire are not present, skip to step 11 on page 7 to install the driver airbag module.

**HINT:** Some 2023 vehicles have a rigid plastic wire to guide the horn ground wire (Figure 8 and Figure 9). This guide acts to help control the horn ground wire and prevent a pinched condition. However, pinching of the horn ground wire is still possible if the guide has been bent out of position.

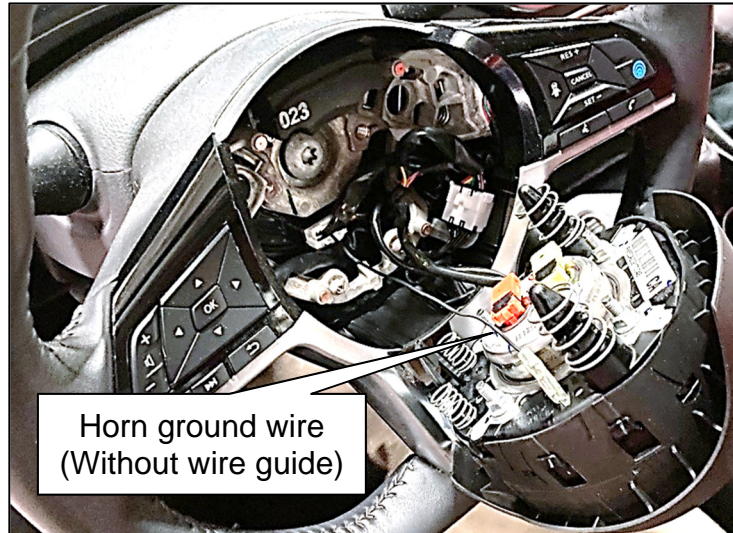


Figure 7

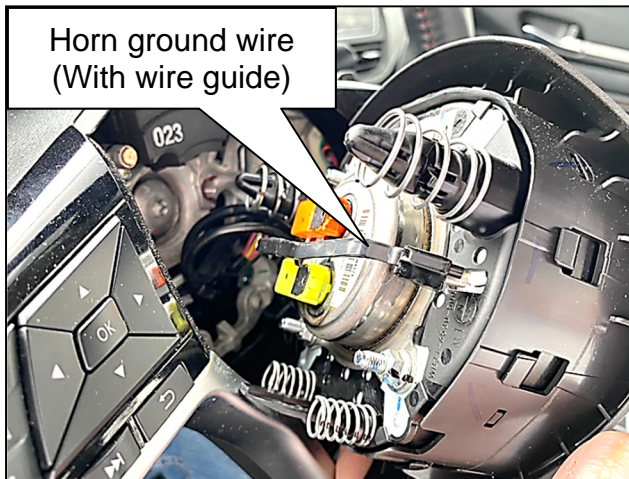


Figure 8



Figure 9

10. Replace the high and low horns.
  - Refer to the ESM: **DRIVER CONTROLS > HORN > REMOVAL AND INSTALLATION – HORN: Removal and Installation**
  
11. Install the driver airbag module in the reverse order of removal.

**IMPORTANT:**

  - The pinched ground wire does not require a wire repair.
  - If the vehicle does not have the wire guide:
    - When installing the driver airbag module to the steering wheel, rotate the driver airbag module clockwise 360° to remove excess slack from the ground wire and to prevent the ground wire from becoming pinched.
  - If the vehicle does have the wire guide:
    - DO NOT rotate the driver airbag module prior to installing. Ensure the connector has adequate retention to the spade terminal, and reposition the wire guide to the proper position by adjusting the angle of the spade terminal (if necessary). The guide should be between the orange and yellow airbag connectors and parallel to the surface of the airbag inflator, as shown in Figure 8 and Figure 9 on page 6.
  
12. Reconnect the negative battery terminal.
  
13. Perform **ADDITIONAL SERVICE WHEN REMOVING 12V BATTERY NEGATIVE TERMINAL.**
  - Refer to the ESM: **ELECTRICAL & POWER CONTROL > POWER SUPPLY, GROUND & CIRCUIT ELEMENTS > BASIC INSPECTION > POWER SUPPLY, GROUND CIRCUIT ELEMENTS > ADDITIONAL SERVICE WHEN REMOVING 12V BATTERY NEGATIVE TERMINAL**
  
14. Test and confirm that the horns operate correctly.

## PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
HORN ASSY – ELECTRIC HIGH	25610-***** (1)	1
HORN ASSY – ELECTRIC LOW	25620-***** (1)	1

(1) Use the VIN in the EPC to determine the correct part number.

## CLAIMS INFORMATION

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

DESCRIPTION	MODEL	PFP	OP CODE	SYM	DIA	FRT
Inspect Horn Ground Wire & Replace Horn (All)	Altima	(1)	RXB5AA	ZE	32	0.7
	Kicks					0.4
	LEAF					0.7
	Sentra					0.4
	Versa					0.4

(1) Reference the EPC and use the Horn Assy – Electric (25610-\*\*\*\*\*) as the Primary Failed Part (PFP).

## AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
June 17, 2022	NTB22-051	Original bulletin published
February 22, 2023	NTB22-051A	<b>APPLIED VEHICLES</b> and TechMate information on page 2 revised
July 11, 2023	NTB22-051B	<b>HINT</b> added to step 9. Figure 8 and Figure 9 added, <b>IMPORTANT</b> on step 11 updated