



TECHNICAL SERVICE BULLETIN

| | | |
|------------------------------|--------------------------|-------------------------|
| Classification: DA18-033C | Reference: NTB18-076C | Date: April 17, 2024 |
|------------------------------|--------------------------|-------------------------|

2018-2019 KICKS; REAR SONAR DOES NOT WORK WITH HEADLAMPS AND/OR PARKING LAMPS ON

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

APPLIED VEHICLES: 2018-2019 Kicks (P15)

APPLIED DATES: Built on or before July 22, 2019

APPLIED SYSTEMS: Dealer or Vehicle Processing Center (VPC) installed rear sonar **ONLY**

IF YOU CONFIRM

The rear sonar system does not work with the headlamps and/or parking lamps ON.

HINT: The rear sonar system works normally with the headlamps and parking lamps OFF.

ACTION

Reposition two (2) of the electrical wire terminals in the driver side rear combination lamp connector and inside harness connector of the rear sonar harness assembly.

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.

Nissan 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. **HINT:** 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

NOTICE

Handle interior trim carefully to avoid damage. Work with clean hands and clean tools to avoid dirt and stains. Position a clean suitable covering in the vehicle where work is being performed. Perform repairs in a clean working area on a soft surface, such as a fender cover, cardboard, etc.

IMPORTANT: Follow all cautions, warnings, and notes in the Electronic Service Manual (ESM) when working on or near a Supplemental Restraint System (SRS), such as an air bag.

1. Turn the ignition ON.
2. Write down the audio settings.

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

3. Turn the ignition OFF.
4. Disconnect the negative battery cable.
5. Wait at least three (3) minutes before continuing.

6. Disconnect the parcel shelf finisher straps from the back door, and then remove the parcel shelf finisher.



Figure 1

7. Remove the two (2) driver side luggage side lower finisher clips with a suitable plastic trim tool.



Figure 2

8. Unfasten the two (2) driver side luggage side upper finisher clips.

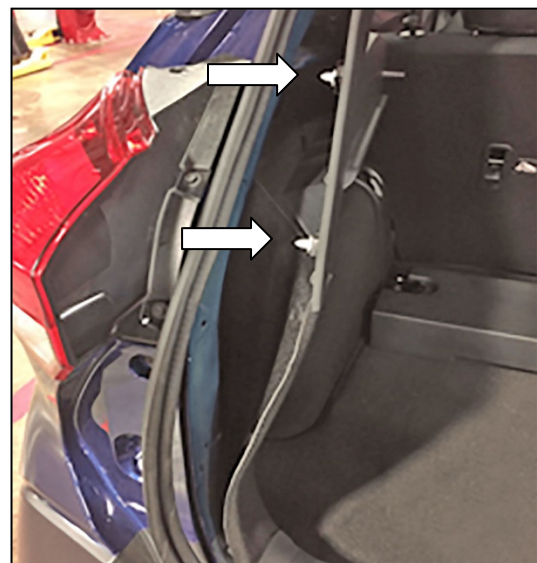


Figure 3

9. Remove the two (2) 10 mm bolts securing the driver side rear combination lamp (combination lamp).
10. Grab the combination lamp, and then carefully pull it off the vehicle body.
 - The combination lamp is fastened to the vehicle body by the 2 bolts and 2 push pins.



Figure 4

HINT: The push pins are part of the combination lamp.

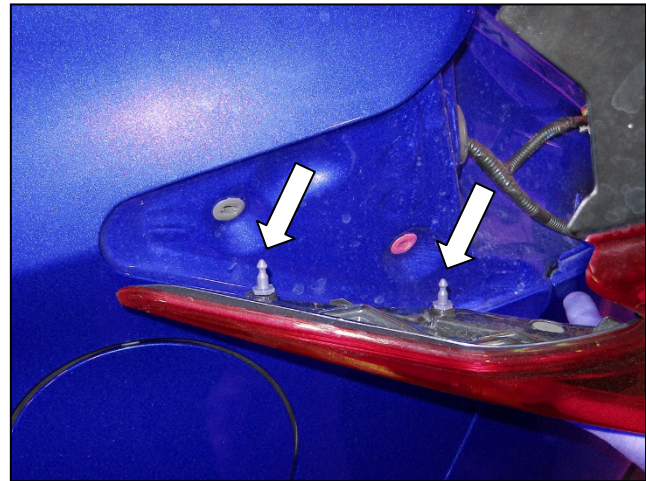


Figure 5

11. Disconnect the combination lamp harness connector, and then remove the combination lamp.

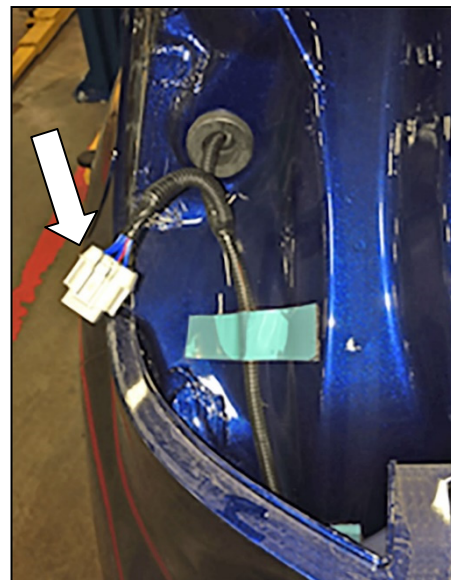


Figure 6

HINT: To keep the orientation of the combination lamp harness connector consistent, hold it with the lock at the top.

12. Remove the retainer by inserting a suitable pick in the notched hole and carefully prying out.

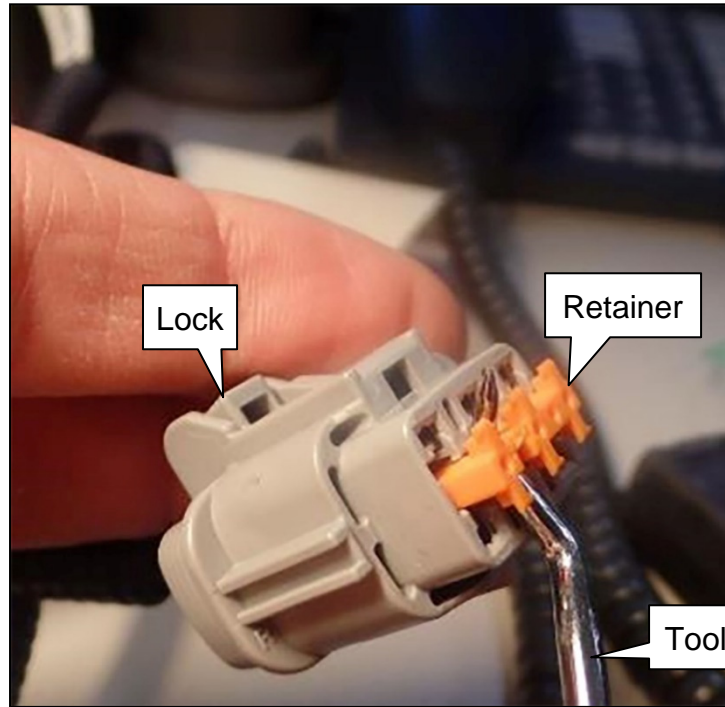


Figure 7

13. Remove the terminals of the **blue** and **black** wires from the combination lamp harness connector (see Figure 10 and 11 for selecting the correct **blue** wire).
 - Using a suitable pick, pry inward on the locking tabs, and then pull out the wires from the harness side of the connector. A flashlight may help see the tabs better.
 - The right side locking tab in Figure 8 is shown in the unlocked position.

HINT: The color of the **blue** wire in Figure 9 is enhanced for easier viewing. Normally, it is the same shade of **blue** as the other **blue** wires.

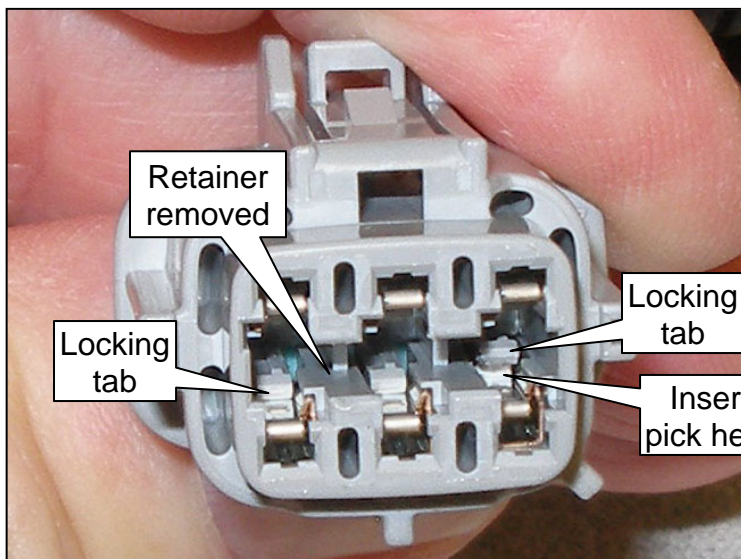


Figure 8

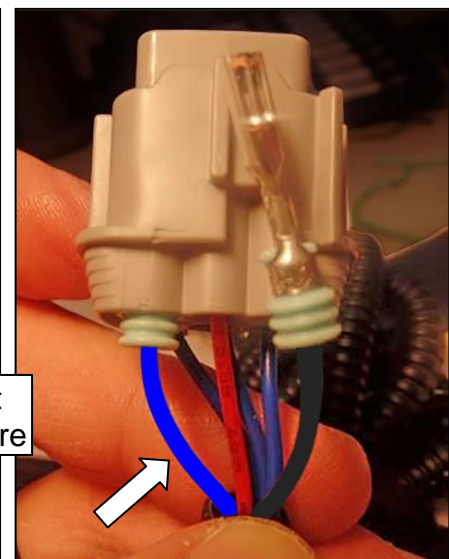


Figure 9

14. Insert the **black** wire where the **blue** wire was positioned.
 - A slight audible click is heard when the terminal locks in place. Tug on the wire to make sure the terminal is locked in.
15. Insert the **blue** wire where the **black** wire was positioned.
 - A slight audible click is heard when the terminal locks in place. Tug on the wire to make sure the terminal is locked in.

HINT: The color of the **blue** wire in Figure 10 and Figure 11 is enhanced for easier viewing. Normally, it is the same shade of **blue** as the other **blue** wires.

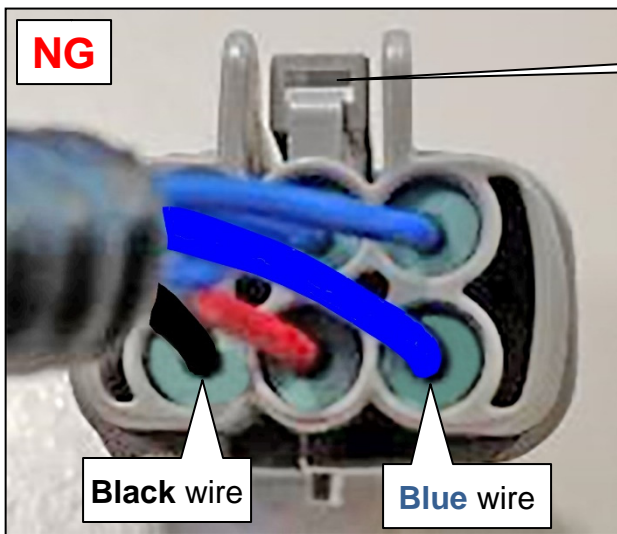


Figure 10

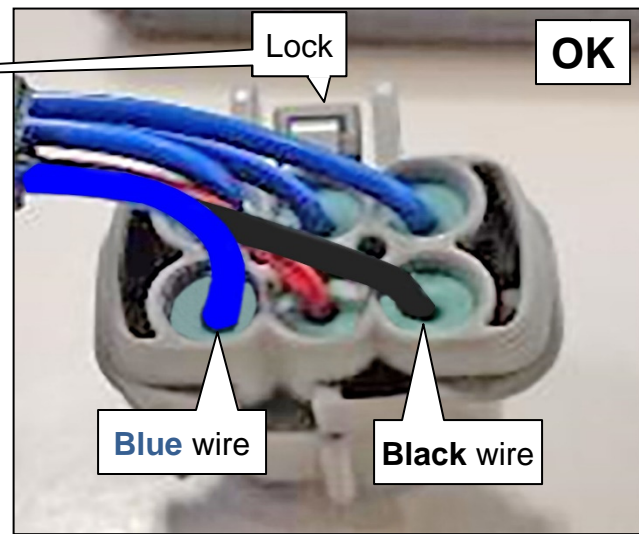


Figure 11

16. Install the retainer with a suitable pair of needle nose pliers or equivalent tool.

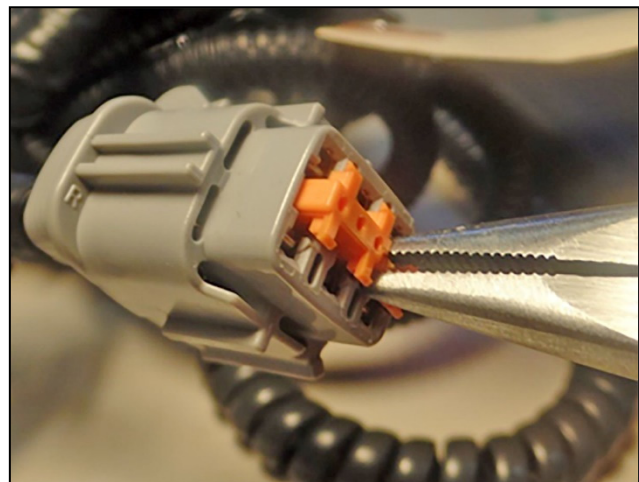


Figure 12

17. Locate the foam wrapped harness connector shown in Figure 13.

- This connector will be rewrapped and fastened in the same position during assembly. Remember its position.

Area in front of combination lamp

Luggage side lower finisher

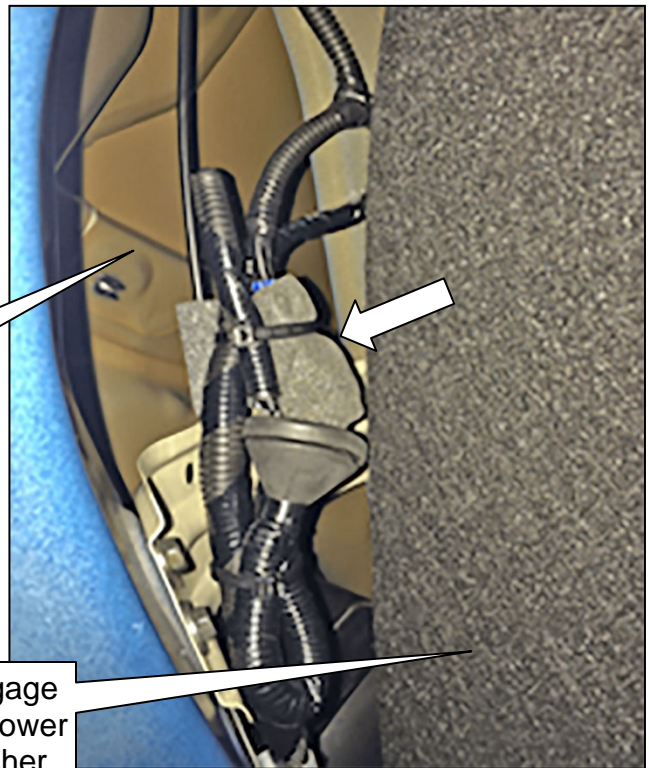


Figure 13

18. Using a suitable cutting tool, cut the "wire tie", and then peel off the foam from the connector.

HINT: Figure 14 shows the connector with foam and "wire tie" removed.

Connector

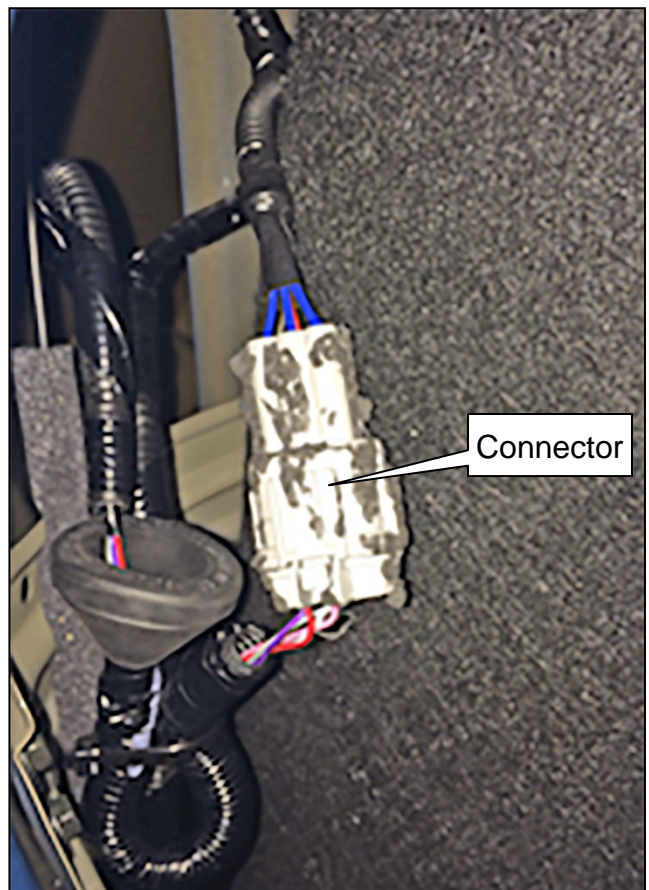


Figure 14

19. Disconnect the connector.

HINT:

- Perform repairs to the circled connector, not the one with the red "X" (see Figure 15).



Figure 15

- To keep the orientation of the connector consistent, hold it with the lock opening at the bottom.

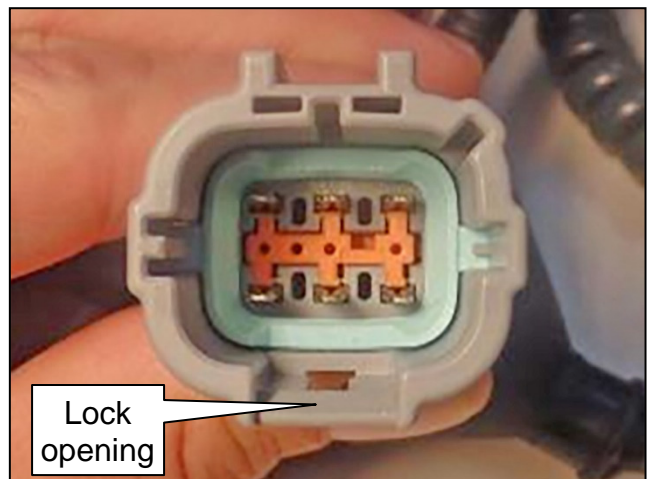


Figure 16

20. Remove the retainer by inserting a suitable pick in the notched hole and carefully prying out.

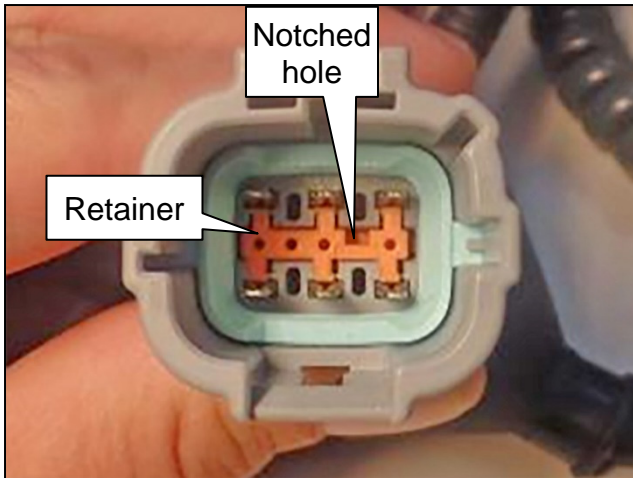


Figure 17

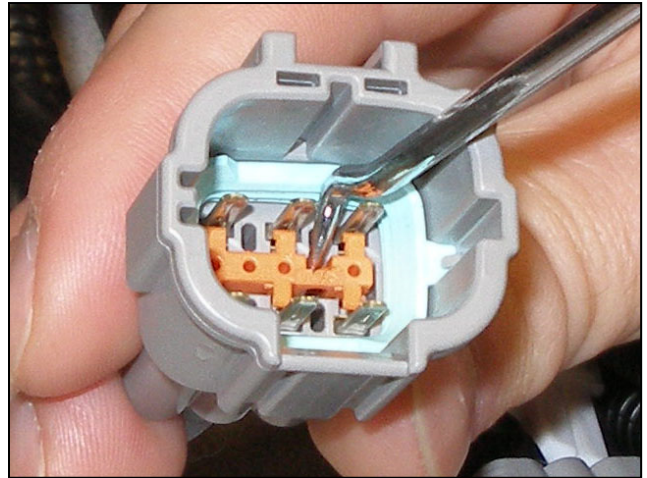


Figure 18

21. Remove both terminals of the **blue** and **black** wires from the connector (see Figure 21 and 22 for selecting the correct **blue** wire).
- Using a suitable pick, pry inward on the locking tabs, and then pull out the wires from the harness side of the connector. A flashlight may help you see the tabs better.
 - The right side locking tab in Figure 19 is shown in the unlocked position.

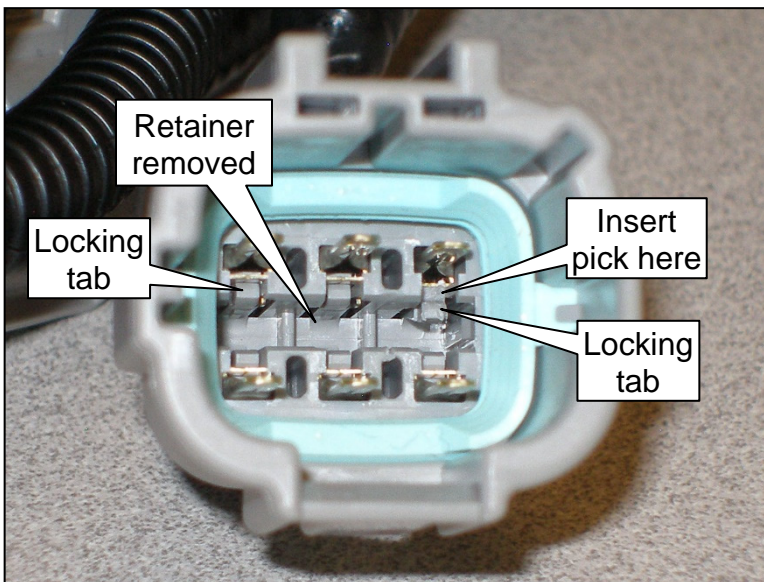


Figure 19

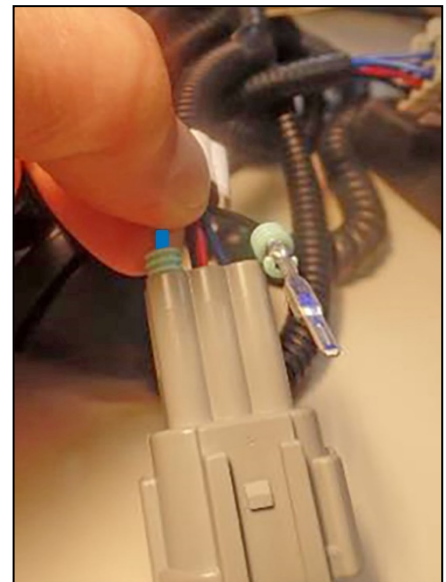


Figure 20

22. Insert the **black** wire where the **blue** wire was positioned.
- A slight audible click is heard when the terminal locks in place. Tug on the wire to make sure the terminal is locked in.
23. Insert the **blue** wire where the **black** wire was positioned.
- A slight audible click is heard when the terminal locks in place. Tug on the wire to make sure the terminal is locked in.

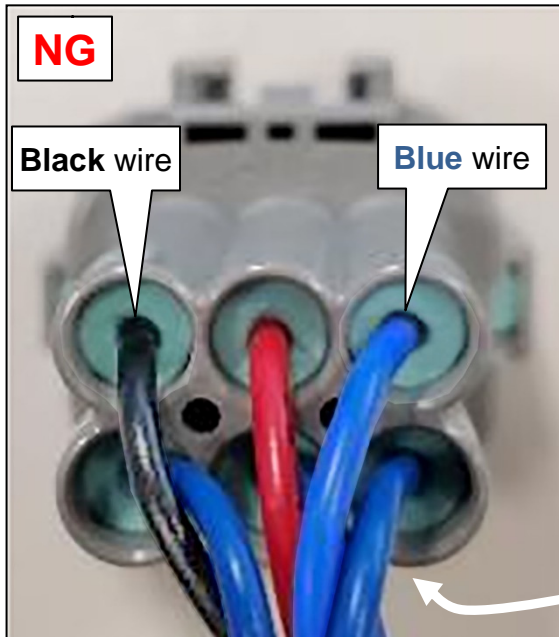


Figure 21

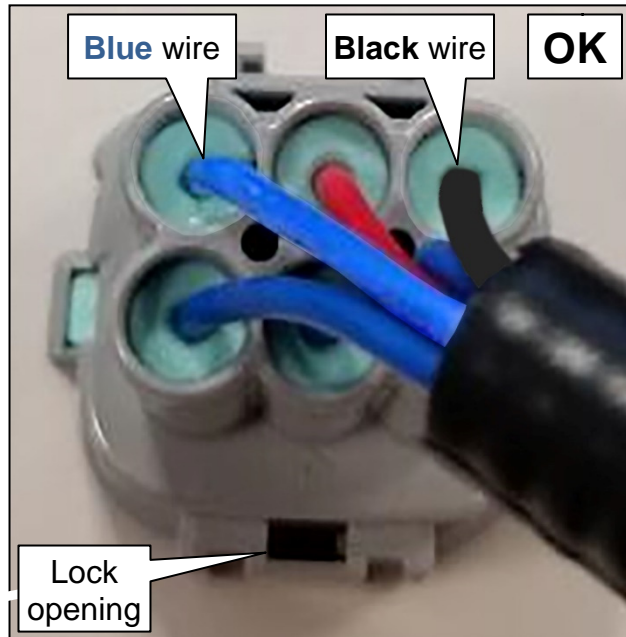


Figure 22

24. Insert the retainer using a suitable pair of needle nose pliers.

IMPORTANT: Make sure none of the pins are bent.

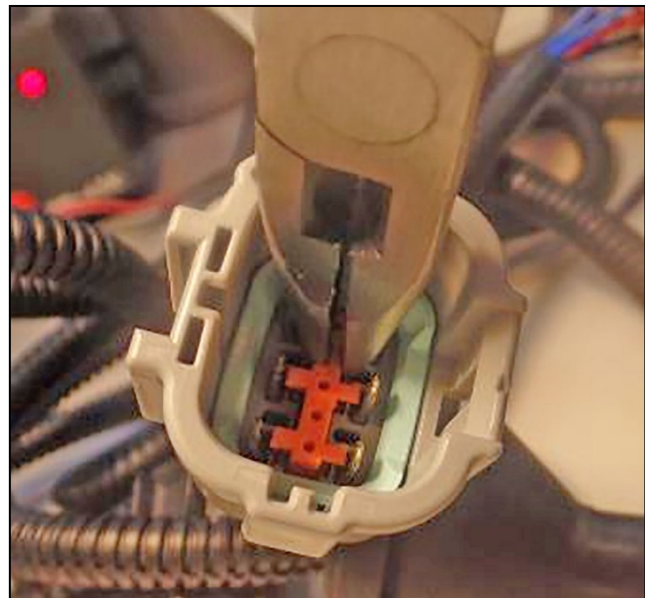


Figure 23

25. Reconnect the connector inside the vehicle, and the combination lamp harness connector.

- Make sure an audible click is heard when connecting both connectors.
- Install the combination lamp with the 2 push pins only at this time.

NOTICE

To avoid damage to the combination lamp, do not let the combination lamp hang by its connector.

26. Reconnect the negative battery cable.

27. **IMPORTANT:** Operate the rear sonar system, verify it works properly with the headlamps ON and OFF.

28. Reassemble the vehicle in reverse order of steps 6-11.

- Make sure to rewrap the connector inside the vehicle with foam and fasten it in the same location.
- Refer to **PARTS INFORMATION** for foam and a “wire tie”.
- Combination lamp bolts torque: 4.4 N•m (0.54 kg-m, **39 in lbs**)

29. Reset/reinitialize systems as needed.

- Refer to the Electronic Service Manual (ESM) for a list of systems needing reset/reinitialization.
 - **ELECTRICAL POWER & CONTROL > POWER SUPPLY, GROUND & CIRCUIT ELEMENTS > BASIC INSPECTION > INSPECTION AND ADJUSTMENT – ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL**
- The list of systems often includes items such as the power window control system, automatic air conditioning, engine fuel management (Idle Air Volume Learn), etc.

PARTS INFORMATION

| DESCRIPTION | PART NUMBER | QUANTITY |
|----------------------------|-------------|-----------------------|
| EPDM SEMI CLOSED CELL 5 mm | NI-50397-1 | As needed (a) (b) (c) |
| "Wire Tie" | - - | (b) |

- (a) EPDM Semi Closed Cell 5 mm adhesive foam is available in the dealer Squeak & Rattle Kit NI-50397A. Additional supplies may be ordered from Tech•Mate at www.techmatetools.com or 1-833-397-3493.
- (b) Shop supply.
- (c) EPDM Semi Closed Cell 5 mm adhesive foam is recommended, but an equivalent product may be used.

CLAIMS INFORMATION

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

| DESCRIPTION | PFP | OP CODE | SYM | DIA | FRT |
|-------------------------|-------------|---------|-----|-----|-----|
| Repair RR Sonar Harness | T99Q1-5RL0A | RX6VAA | ZE | 32 | 0.6 |

AMENDMENT HISTORY

| PUBLISHED DATE | REFERENCE | DESCRIPTION |
|------------------|------------|---|
| November 6, 2018 | NTB18-076 | Original bulletin published. |
| June 28, 2019 | NTB18-076a | APPLIED VEHICLES section and Title revised. |
| February 3, 2021 | NTB18-076b | Classification number updated |
| April 17, 2024 | NTB18-076C | APPLIED DATES added, "NOTE" references changed to "HINT" |