Classification:	Reference:	Date:
DA17-033A	ITB18-002A	March 24, 2021

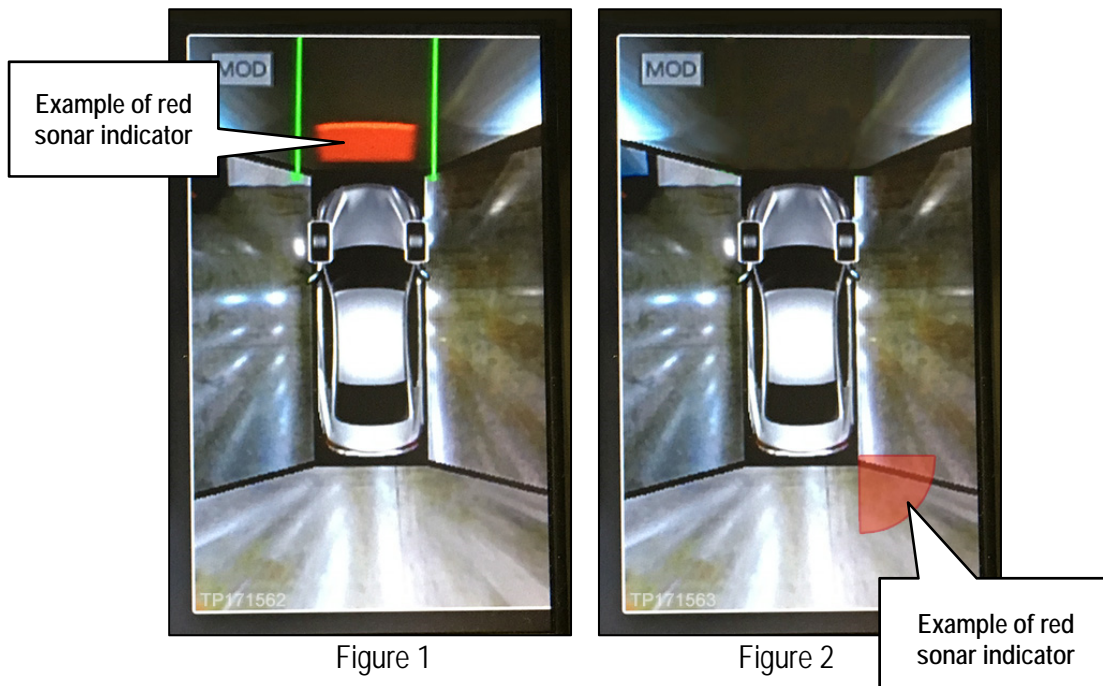# 2017 Q50 AND Q50 HYBRID; SONAR SYSTEM DOES NOT DISPLAY RED INDICATOR WHEN CLOSE TO OBJECT

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

APPLIED VEHICLES: 2017 Q50 (V37)
2017 Q50 Hybrid (V37)

IF YOU CONFIRM

When a center or corner sonar sensor in an Applied Vehicle is close to an object while the sonar system is ON:

- The sonar indicator will appear on the display screen in green, then yellow, but <u>does not</u> change to red no matter how close the object is.

Example of red sonar indicator

Example of red sonar indicator

Figure 1   Figure 2

ACTION

Perform the Service Procedure beginning on page 2 to configure the sonar system.

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.

SERVICE PROCEDURE

IMPORTANT: Before starting, make sure:

- ASIST on the CONSULT PC has been synchronized (updated) to the current date.
- All CONSULT-III plus (C-III plus) software updates (if any) have been installed.

1. Confirm the shift selector is in Park, and the parking brake is set.

2. Connect the CONSULT-III plus (C-III plus) VI to the vehicle.

3. Launch C-III plus on the CONSULT PC.

4. Cycle the ignition to ON. **DO NOT** start the engine.

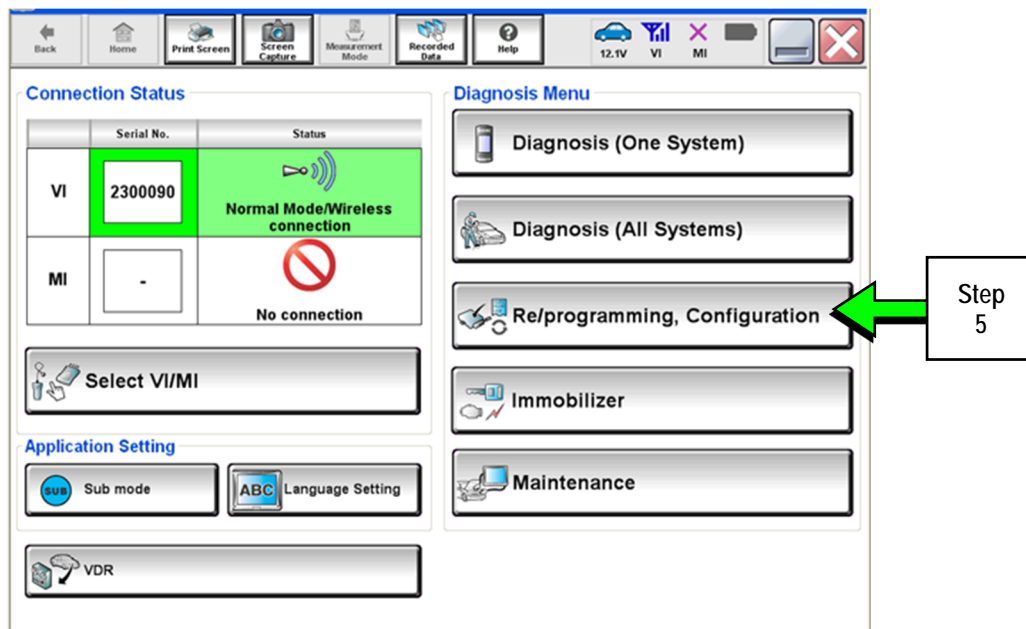5. Select **Re/programming Configuration**.

Figure 3

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6. Read the Precautions.

   When finished, touch the "Confirmed instructions" box to insert a check mark, then select **Next**.
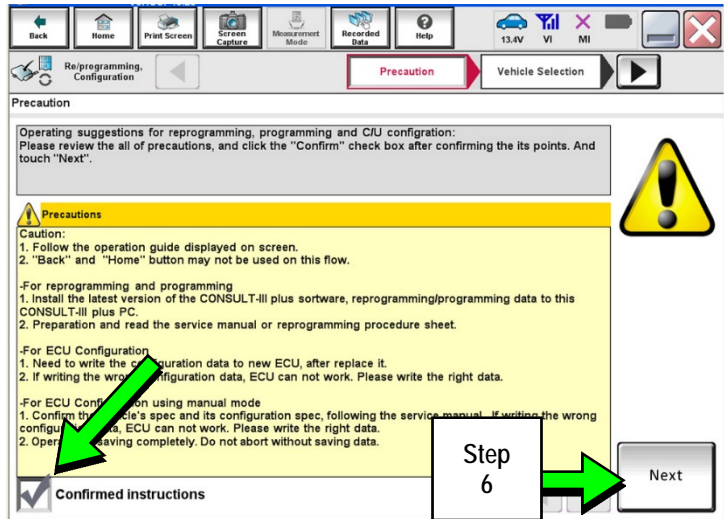

Figure 4

7. Select the **Manual Selection(Vehicle Name)** tab, then select the applicable **Model** and **Year**.

   NOTE: If the screen shown in Figure 5 does not display, proceed to step 10.
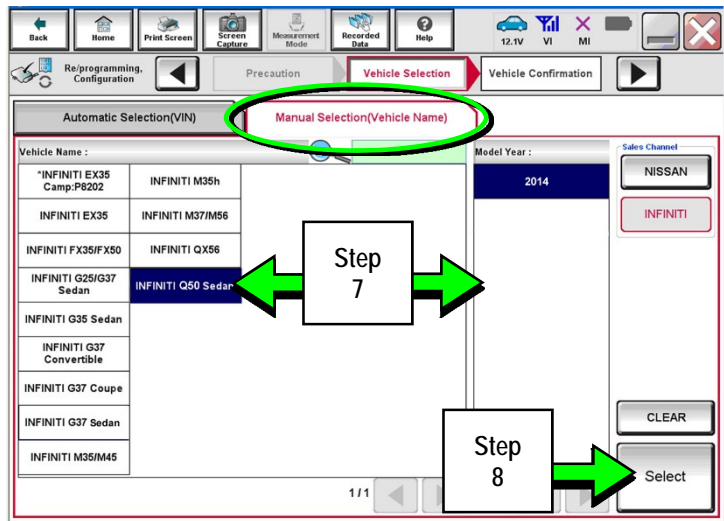
8. Select **Select**.

Figure 5

9. Confirm the correct **Vehicle Name** and **Model Year** are displayed.
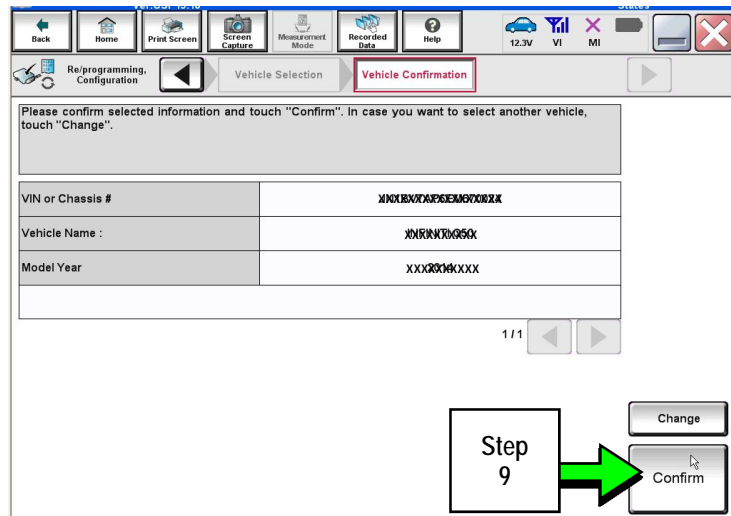
   When finished, select **Confirm**.

Figure 6

10. After system call completes, confirm the correct VIN is displayed.

When finished, select **Confirm**.

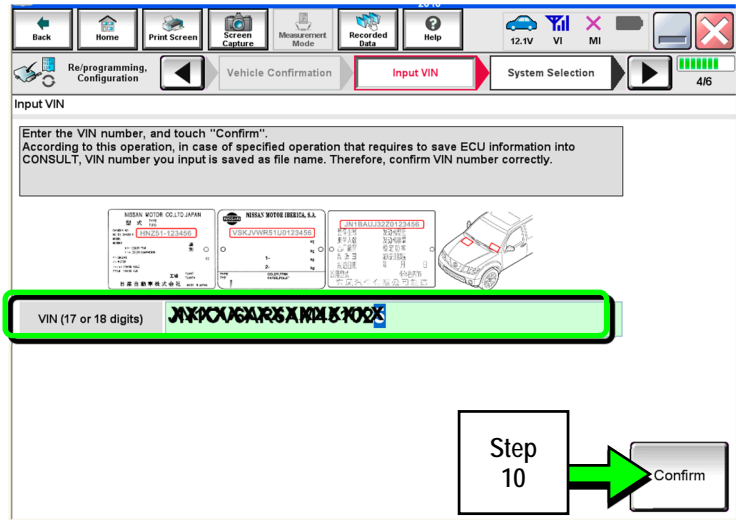**NOTE:** If the VIN displayed is incorrect, input the correct VIN. When finished, select **Confirm**.

Figure 7

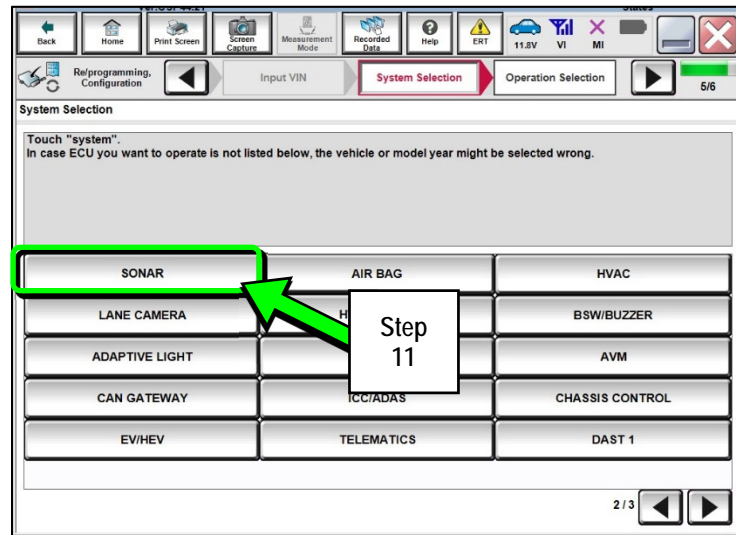11. Select **SONAR**.

- Use the scroll arrow if needed.

Figure 8

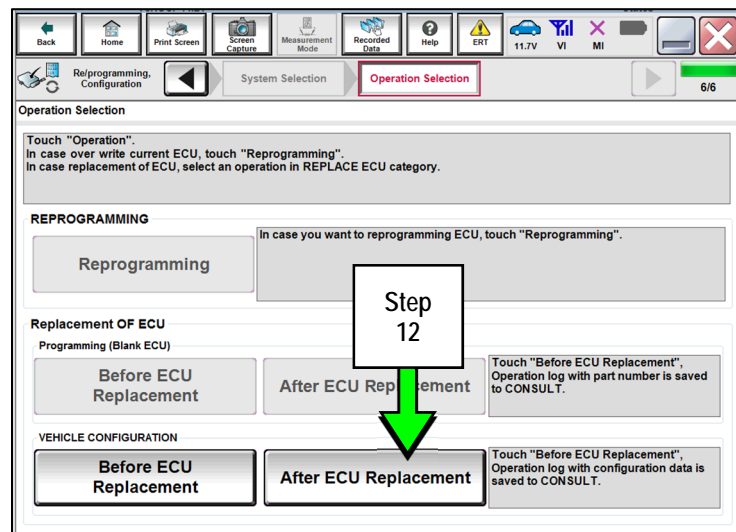12. Select **After ECU Replacement**.

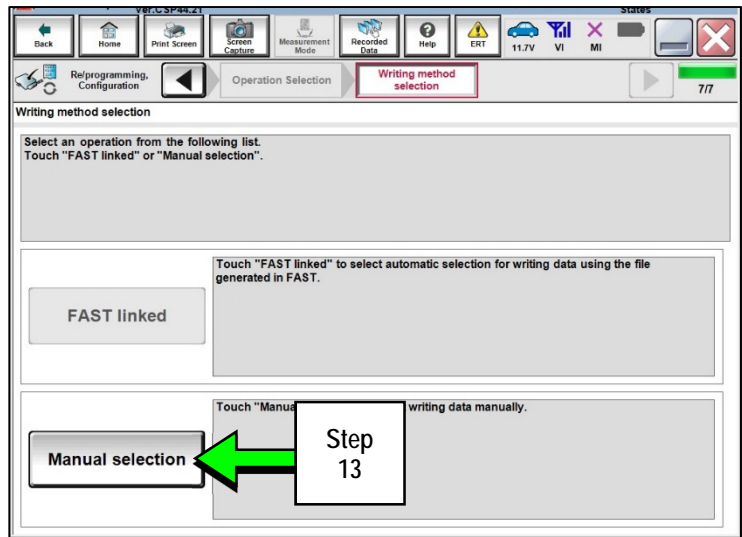Figure 9

13. Select **Manual selection**.

Figure 10

14. Use the drop down menus to select the **Configuration** options as shown below.

FRONT CAMERA   > **WITH**
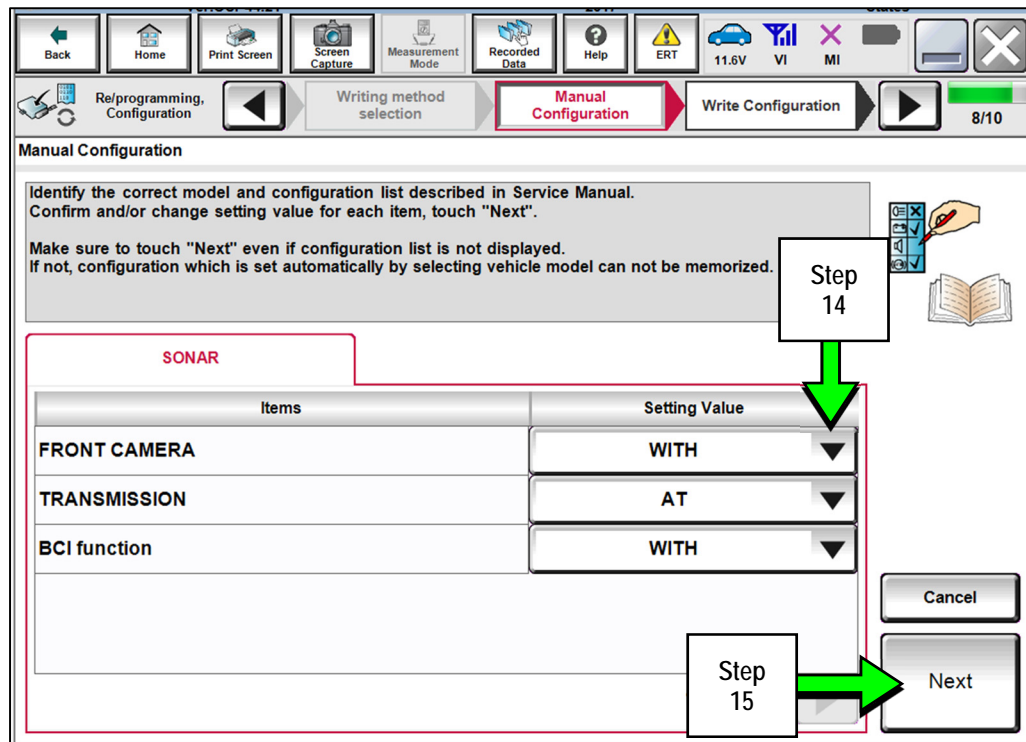
TRANSMISSION   > **AT**

BCI function   > **WITH**

Figure 11

15. Select **Next**.

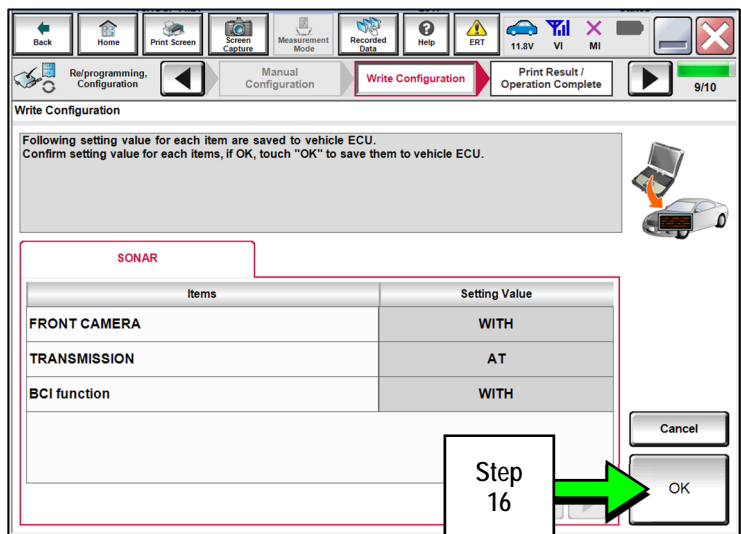16. Confirm the configuration displayed is correct, then select **OK**.
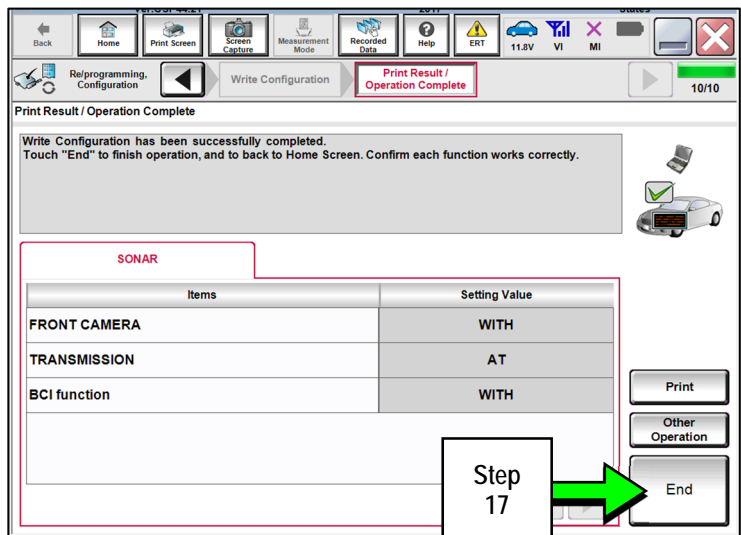

Step 16

Figure 12

17. Select **End**.

Step 17

Figure 13

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Perform Sonar Reconfiguration	(1)	RX5YAA	ZE	32	0.2

(1) Refer to the electronic parts catalog (FAST or equivalent) and use the Sonar Sensor Control (28532-*****) as the primary failed part.

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
January 12, 2018	ITB18-002	Original bulletin published
March 24, 2021	ITB18-002A	Classification number updated