

SERVICE BULLETIN

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Classification: DA17-033A Reference:

ITB18-002A

March 24, 2021

Date:

# 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.



# 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.

Infiniti 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 Infiniti retailer to determine if this applies to your vehicle.

# 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**.

Back	Home Print :	Screen Screen Mode De	
Connec	ction Status -		Diagnosis Menu
	Serial No.	Status	Diagnosis (One System)
VI	2300090	Normal Mode/Wireless	Diagnosis (All Systems)
MI	-	No connection	Re/programming, Configuration
	Select VI/MI		Immobilizer
Applicat	tion Setting	Language Setting	Maintenance
	VDR		

Figure 3

6. Read the Precautions.

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



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 6

9. Confirm the correct Vehicle Name and Model Year are displayed.

When finished, select Confirm.

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



Figure 8

11.7V VI Ô 5 **O** Help × ¥0 Re/programming, Configuration 4 System Sele Operation Selection 6/6 Operation Selection Touch "Operation". In case over write current ECU, touch "Reprogramming". In case replacement of ECU, select an operation in REPLACE ECU category. REPROGRAMMING In case you want to reprogramming ECU, touch "Reprogramming" Reprogramming Step Replacement OF ECU 12 Programming (Blank ECU) Touch "Before ECU Replacement", Operation log with part number is saved to CONSULT. Before ECU After ECU Rep ement Replacement VEHICLE CONFIGURATION Touch "Before ECU Replacement", Operation log with configuration data is saved to CONSULT. Before ECU After ECU Replacement Replacement

Figure 9

- 11. Select SONAR.
  - Use the scroll arrow if needed.

12. Select After ECU Replacement.

13. Select Manual selection.

Ver.CSP44.21		States
Back Home Print Screen	Screen Capture Measurement Mode Data Per Heip Cat	M = _ 🔀
Re/programming, Configuration	Operation Selection Writing method selection	7/7
Writing method selection		
Select an operation from the fol Touch "FAST linked" or "Manual	wing list. selection".	
FAST linked	Touch "FAST linked" to select automatic selection for writing dat generated in FAST.	ta using the file
Manual selection 4	Touch "Manua Step 13	
	Figure 10	

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

FRONT CAMERA	> WITH
TRANSMISSION	> AT
BCI function	> WITH

Back Recent Recent Mode Recent Mode	
Re/programming, Configuration Writing method selection	Manual Configuration Write Configuration 8/10
Manual Configuration	
Identify the correct model and configuration list described in Confirm and/or change setting value for each item, touch "Nex Make sure to touch "Next" even if configuration list is not disp if not, configuration which is set automatically by selecting veh	Service Manual. ct <sup>*</sup> . Jayed. icle model can not be memorized. Step 14
SONAR	
Items	Setting Value
FRONT CAMERA	WITH
TRANSMISSION	AT 🔻
BCI function	WITH
	Cancel
	Step 15

Figure 11

# 15. Select Next.

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

	Back Image: Constraint of the second se	Measurement Mode	ed Help	ERT 11.8V		-
6	Re/programming, Configuration	Ianual figuration	ite Configurati	on Print Operatio	Result / n Complete	9/10
V	/rite Configuration					
	Following setting value for each item are sa Confirm setting value for each items, if OK, to	ved to vehicle ECU. buch "OK" to save th	em to vehicle	ECU.		
	SONAR					
	Items			Setting Value		
	FRONT CAMERA			WITH		
	TRANSMISSION			AT		
	BCI function			WITH		
				Step 16		Cancel

Figure 12

VELODI 44.21	201		ototeo		
Back Bone Print Screen Screen	Measurement Mode Recorded Data	ERT 11.8V			
Re/programming, Configuration	e Configuration Print Resul Operation Con	lt / nplete	10/10		
Print Result / Operation Complete					
Write Configuration has been successfully completed. Touch "End" to finish operation, and to back to Home Screen. Confirm each function works correctly.					
SONAR					
Items		Setting Value			
FRONT CAMERA		WITH			
TRANSMISSION		AT			
BCI function		WITH	Print		
Other Operation					
		Step 17	End		
	Figure 13				

17. Select End.

#### **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