

RECALL CAMPAIGN BULLETIN

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Classification:

Reference:

Date: BR19-008b

ITB19-038b January 17, 2020

VOLUNTARY SAFETY RECALL CAMPAIGN FLEET AND NEW INVENTORY 2017-2019 QX60; ABS ACTUATOR

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

CAMPAIGN ID #: R1921 **APPLIED VEHICLES:** 2017-2019 QX60 (L50)

Check Service COMM or Dealer Business Systems (DBS) National Service History to confirm campaign eligibility.

INTRODUCTION

Infiniti is conducting this voluntary safety recall campaign on certain specific model year 2017-2019 QX60 vehicles that are in fleet or new inventory to replace the ABS Actuator and Electric Unit (ABS control unit). This service will be performed at no charge to the customer for parts or labor.

IDENTIFICATION NUMBER

Infiniti has assigned identification number R1921 to this campaign. This number must appear on all communication and documentation of any nature dealing with this campaign.

RETAILER RESPONSIBILITY

It is the retailer's responsibility to check Service COMM or Dealer Business Systems (DBS) National Service History for the campaign status on each vehicle falling within the range of this voluntary safety recall which for any reason enters the service department. This includes vehicles purchased from private parties or presented by transient (tourist) owners and vehicles in a retailer's inventory. Federal law requires that new vehicles in retailer inventory which are the subject of a safety recall must be corrected prior to sale. Failure to do so can result in civil penalties by the National Highway Traffic Safety **Administration.** While federal law applies only to new vehicles, Infiniti strongly encourages retailers to correct any used vehicles in their inventory before they are retailed.

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.

AWARNING If the ABS light is on and there is a delay for receiving parts or completing the repair, to avoid the risk of a building fire and/or personal injury:

• Park the vehicle outside the building and away from other vehicles and structures,

Disconnect the vehicle 12 volt battery and leave it disconnected while the vehicle is parked waiting for service.

SERVICE PROCEDURE

1. Replace the ABS Actuator and Electric Unit (ABS control unit).

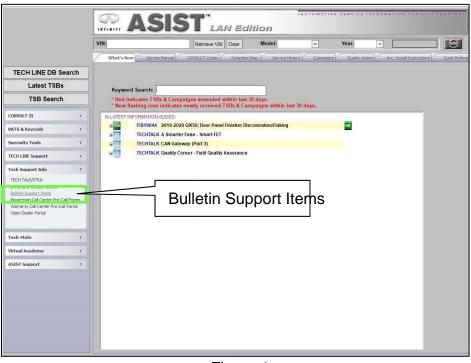
• Refer to the ESM: BRAKES > BRAKE CONTROL SYSTEM > WITH ICC (OR WITHOUT ICC) > REMOVAL AND INSTALLATION > ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT).

• Follow all instructions in the ESM for ABS Control Unit replacement.

IMPORTANT: Make sure that **ADJUSTMENT OF STEERING ANGLE SENSOR NEUTRAL POSITION** and **CALIBRATION OF DECEL G SENSOR** are done as part of the ABS Control Unit replacement procedure (both are listed in the Installation section of the procedure in the ESM).

ABS CONTROL UNIT CONFIGURATION PROCEDURE

- Find the correct Type ID, refer to ASIST > Bulletin Support Items > R1917/R1921 ABS Type ID Selection Tool as follows (this will be needed in step 17):
 - a. Select Bulletin Support Items.



- Figure 1
- b. Select R1917/R1921 ABS Type ID Selection Tool.

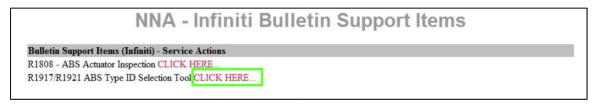


Figure 2

c. Enter the VIN of the vehicle, and then select **Search**.

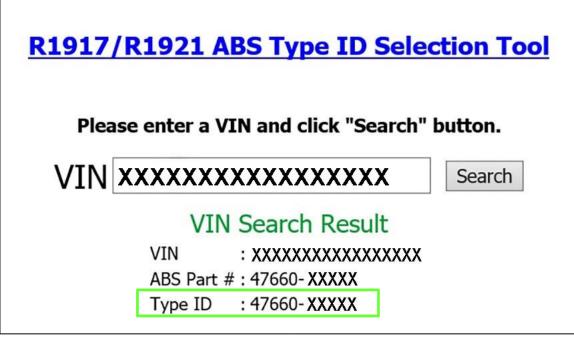


Figure 3

d. Write the Type ID on the repair order.

NOTICE Before starting, make sure of the following to prevent damage to the control unit:

□ ASIST on the CONSULT PC has been synchronized (updated) to the current

date.
All CONSULT-III plus software updates have been installed.

HINT: Although the ABS Control Unit Configuration Procedure is contained in the ESM, the instructions on pages 4 through 9 contain additional detail that may be helpful.

- 3. Connect CONSULT-III plus to the vehicle.
- 4. Turn the ignition ON.
- 5. Open / start C-III plus.
- 6. Wait for the plus VI to be recognized.

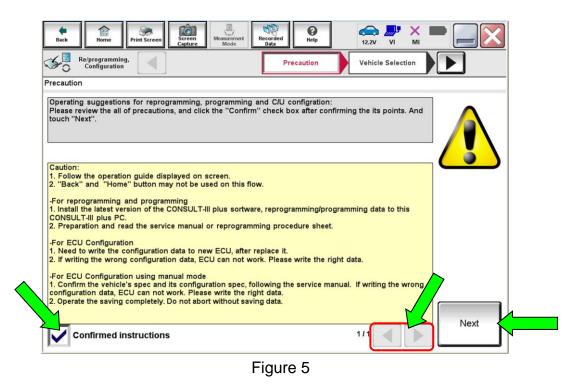
□ The serial number will display when the plus VI is recognized.

Conne	ction Status	-	Diagnosis Menu
	Serial No.	Status	Diagnosis (One System)
VI	2300727	Normal Mode/Wireless	
		connection	Diagnosis (All Systems)
MI	-	U	
		No connection	Re/programming, Configuration
8.0	Select VI/MI		
			Immobilizer
Applicat	tion Setting		
SUB	Sub mode	ABC Language Setting	Maintenance

7. Select **Re/programming, Configuration**.

Figure 4

- 8. Use arrows (if needed) to view and read all precautions.
- 9. Check the box confirming the precautions have been read.
- 10. Select Next.



11. If the screen in Figure 6 displays, select Automatic Selection(VIN).

□ If the screen in Figure 6 does not display, skip to step 12.

Back Home	Print Screen Screen	Measurement F	Recorded Data	12.2V VI MI	
Re/programmin Configuration	ng,	Precaution	Vehicle Selection	Vehicle Confirmation	
Automatic Se	election(VIN)	Manual Selec	tion(Vehicle Name)		
Vehicle Name :				Model Year :	Sales Channe
*MURANO Camp:P8201	JUKE	QUEST			NISS
350Z	LEAF	ROGUE			INFIN
370Z	MAXIMA	SENTRA			
370Z Convertible	MURANO	TITAN			
ALTIMA	MURANO Cross Cabriolet	TITAN			
ALTIMA Hybrid	NISSAN GT-R	VERSA Hatchback			
ARMADA	NV	VERSA Sedan			
CUBE	PATHFINDER	XTERRA			CLEA
FRONTIER	PATHFINDER ARMADA	X-TRAIL			
			1/1	0/0	Sele
1		F	igure 6		

12. Make sure **VIN or Chassis #** matches the vehicle's VIN.

13. Select Confirm.

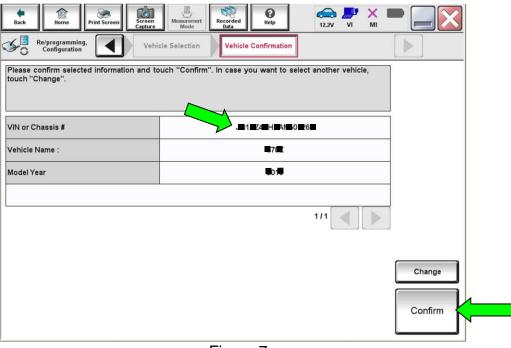


Figure 7

14 SelecConfirm

Weight of the second	Image: Back Image: Back				
Enter the VIN number, and touch "Confirm". According to this operation, in case of specified operation that requires to save ECU information into CONSULT, VIN number you input is saved as file name. Therefore, confirm VIN number correctly.	Configuration Vehicle Confirmation Input VIN System Selection				
According to this operation, in case of specified operation that requires to save ECU information into CONSULT, VIN number you input is saved as file name. Therefore, confirm VIN number correctly.	Input VIN				
	According to this operation, in case of specified operation that requires to save ECU information into				
Confirm	VIN (17 or 18 digits)				
Confirm					
Confirm					
		Confirm			

Figure 8

15. Select ABS.

Back Image: Constraint of the second se	Messarement Mode Recorded Data			
Re/programming, Configuration Selection Input VIN System Selection Operation Selection 5/6				
rstem Selection ^r ouch "system". n case ECU you want to operate is not listed below, the vehicle or model year might be selected wrong.				
ENGINE AIR PRESSURE MONITOR AIR BAG				
MULTI AV	METER/M&A	HVAC		
EPS/DAST 3	LASER/RADAR	AVM		
ABS	всм	CHASSIS CONTROL		
IPDM E/R	CAN GATEWAY	TRANSMISSION		

Figure 9

- 16. Select Manual Configuration.
 - DO NOTelect Reprogramming.

Back Home Print Screen S	Image: Creen participation Image: Creen participation <th< th=""></th<>
Re/programming, Configuration	System Selection Operation Selection 6/6
Operation Selection	
Touch "Operation". In case over write current ECU, touch in case replacement of ECU, select an	
Riprogramming	In case you want to reprogramming ECU, touch "Reprogramming".
Replacement OF ECU Programming (Blank ECU)	
Programming	In case you want to replace ECU, you should operate followings. Before replace ECU, ECU data is saved to CONSULT. After replace ECU, CONSULT writes ECU data and programming data.
VEHICLE CONFIGURATION	
Read / Write Configuration	Manual Configuration
Ľ-	
	Figure 10

17. Select the Type ID (Figure 11) that was generated with the R1917/R1921 ABS Type ID Selection Tool in step 2.

□ If needed, use scroll arrows to find the correct number.

NOTE: When a vehicle has only one configuration available, a list will not be displayed. Select **Next** (step 18), and C-III plus will select the correct configuration.

18. Select Next.

	Measurement Mode Measurement Mode Measurement	M 7/9
Manual Configuration		
Select Type ID from following table whi	ch is equal to FAST(Service parts catalogue), then touch "Next"	
ABS	Type ID	
	47660-3TA1B / 3TA1B 47660-3TA9A / 3TA9A Example 47660-3TA8A / 3TA8A	
	47660-3TA7A / 3TA7A 47660-3TA6A / 3TA6A	Cancel
	1/2	Next

Figure 11

19 Confirm the correct Type ID number is selected.

20 Selec**OK**

Back Mome Print Screen Screen Cap Print Screen Cap Re/programming, Configuration Write Configuration	Messurement three Messurement Mode Messurement Data Messurement Help Manual L2.4V Mil Manual Configuration Write Configuration Print Result / Operation Complete	
Following setting value for each item a	re saved to vehicle ECU. OK, touch "OK" to save them to vehicle ECU.	
ABS	Type ID	1
	# 4# 66 (#3# /#5/# / # 7#\#A=	
		Cancel OK

Figure 12

21. Configuration is complete, select **End**.

Back Re/programming, Configuration Write	Messurement Mode Messurement Data Messurement Help Messurement Law Messurement VI Messurement Mit Configuration Operation Complete Messurement Operation Complete Messurement VI Messurement Mit	9/9
rint Result / Operation Complete		
Vrite Configuration has been successfully 'ouch "End" to finish operation, and to ba	y completed. ck to Home Screen. Confirm each function works correctly.	
ABS		
	Туре ID	
	497 995 (P-397 AP5 /R / 16 TPA BAR =	
		Print End
	Figure 13	

22. After the procedure is complete (ABS control unit replaced and configured), check the ABS warning light for proper operation.

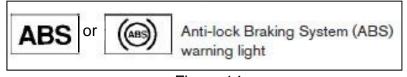


Figure 14

- When the ignition is turned ON, the ABS warning light illuminates for a few seconds and then turns OFF. This indicates the ABS is operational.
- □ If the ABS warning light stays illuminated, refer to ASIST and the ESM for further diagnosis.
 - Repairs beyond ABS control unit replacement are not covered by this bulletin.

PARTS INFORMATION

DESCRIPTION	MODEL	PART #	QUANTITY
10/11			ITB19-038b

	Vehicles with ICC *	47660 - 9PP1B	
ABS Control Unit	Vehicles without ICC *	47660 - 9PP1D	1
Brake Fluid (1)	N/A	999MP - A4100P	1

- * ICC = Intelligent Cruise Control.
- (1) Order this item through the Infiniti Maintenance Advantage program: Phone: 877-NIS-NMA1 (877-6476621). Website order via link on dealer portal <u>www.NNAnet.com and</u> <u>click on the "Maintenance Advantage" link.</u>

CLAIMS INFORMATION

Submit a "CM" line claim using the following claims coding:

CAMPAIGN ("CM") I.D.	MODEL	DESCRIPTION	OP CODE	FRT
R1921	QX60	Replace ABS Control Unit	R19210	2.6 hrs

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
November 12, 2019	ITB19-038	Original bulletin published
December 23, 2019	ITB19-038a	Amended to add step 2, for ASIST Type ID tool information
January 17, 2020	ITB19-038b	Changed the ASIST tool name on pages 2, 3, and 8