

RECALL CAMPAIGN BULLETIN

Date:

Classification: BR18-007 Reference:

ITB18-032

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VOLUNTARY SAFETY RECALL CAMPAIGN 2017 QX60; ABS ACTUATOR

CAMPAIGN ID #: NHTSA #: APPLIED VEHICLES: R1808 18V-601 2017 QX60 (L50)

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

INTRODUCTION

Infiniti is conducting a voluntary safety recall campaign on certain specific model year 2017 QX60 vehicles to inspect and, if necessary, replace the ABS Actuator and Electric Unit (ABS control unit). This service will be performed at no charge for parts or labor.

IDENTIFICATION NUMBER

Infiniti has assigned identification number R1808 to this campaign. This number must appear on all communication and documentation of any nature dealing with this campaign.

DEALER RESPONSIBILITY

It is the dealer'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 dealer's inventory. Federal law requires that new vehicles in dealer 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 dealers 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.

IMPORTANT: If there is a delay between vehicle arrival at the dealer and performance of the Service Procedure, <u>park the vehicle outside away from other vehicles and structures</u>, <u>disconnect the vehicle 12 volt</u> <u>battery and leave it disconnected while the vehicle is parked waiting for service</u>.

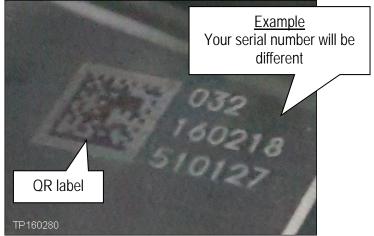
SERVICE PROCEDURE

- 1. Open the engine hood and locate the ABS Actuator and Electric Unit (ABS control unit).
 - ABS control unit is on the passenger side of the engine compartment next to the engine wall.



Figure 1A

- 2. Locate the serial number on the top of the ABS control unit next to the QR label (see Figures 1A 2A).
 - If there is <u>no serial number</u> (the area shown in Figure 2A is blank), the ABS control unit (ABS actuator) is OK. No further repair is required.





- 3. Write the 15-digit serial number on the repair order.
 - In the <u>example</u> in Figure 2A, the serial number is <u>032160218510127</u> (this is an example your serial number will be different).

NOTE: It may be easier to take a photo of the serial number with a smart phone and then read the serial number on the photo.

- 4. Take the repair order (with the serial number) to an ASIST work station.
- 5. On the left side of the ASIST main menu, select Tech Support Info, then Bulletin Support Items.

ASIST Terminal	
	Last Sync. 9/17/2018 9:07:58 AM
	AUTOMOTIVE SERVICE INFORMATION SUPPORT TERMINAL
	VIN: Retrieve VIN Clear Model: Vear: Vear:
	What's New Service Manual CONSULT Codes Symptom Diag. Service History Campaigns Quality Action Acc. Install Instructions Quick Reference
TECH LINE DB Search	
Latest TSBs	
TSB Search	
CONSULT-II (8)	
NATS & Keycode 🛞	
Specialty Tools 😵	
TECH LINE Support 😵	Tech Support Info
Tech Support Info	
TECH TALK/XTRA Inventory Vehicle Actions	
Bulletin Support Items Powertrain Call Center Pre-Call Forms	Bulletin Support Items
Warranty Call Center Pre-Call Forms	
Open Dealer Portal	
Tech-Mate 😵	
Virtual Academy 😵	
ASIST Support 😵	
ESM Error Reporting 🛞	

Figure 3A

6. Locate R1808 – ABS Actuator Inspection, then select CLICK HERE.

NNA - Infiniti Bulletin Support Items		
Bulletin Support Items (Infiniti) - Service Actions		
R1808 - ABS Actuator Inspection CLICK HERE		

- 7. Type in the 15-digit serial number.
- 8. Select Check.
 - If your ABS control unit (ABS Actuator) is OK, the **OK** message shown in Figure 5A will display.
 - The screen in Figure 5A showing the 15-digit serial number and the <u>OK</u> message, MUST be printed and attached to the repair order for warranty documentation.

R1808 - ABS Actuator Inspection			
9/17/2018 1:10:31 PM			
Please enter a 15 digit Serial Number includi	ing leading zero. Step 8		
Step 7 XXXXXXXXXXXXXXXXX	Check		
"ABS Actuator is OK. No rep Submit INSPECT ONLY claim per	and a state of the		
Figure 5A	Example OK message		
	An example of the NG message is on the next page.		

IMPORTANT: If the ABS control unit (ABS Actuator) is OK per the check above, but the **ABS warning light is ON**:

- The vehicle should <u>not</u> be driven.
- Diagnose and repair under normal warranty; this campaign does not apply.
- If there is a delay between inspection and repair, <u>park the vehicle outside away from other vehicles and</u> <u>structures</u>, <u>disconnect the vehicle 12 volt battery and leave it disconnected while the vehicle is parked</u> <u>waiting for service</u>.

- If your ABS control unit (ABS Actuator) is NG, the **Replace ABS Actuator** message shown in Figure 6A will display.
- The screen in Figure 6A showing the 15-digit serial number and the <u>Replace ABS Actuator</u> message, MUST be printed and attached to the repair order for warranty documentation.

Please enter a 15 digit Serial Number i	including leading zero.
<pre></pre>	Check
place ABS Actuator per C	Campaign Bulle
	\square

IMPORTANT: If the ABS control unit (ABS Actuator) is NG:

- The vehicle should <u>not</u> be driven.
- If parts are not available, provide the customer with a rental.
- If there is a delay between inspection and replacement of the ABS control unit, <u>park the vehicle outside</u> <u>away from other vehicles and structures</u>, <u>disconnect the vehicle 12 volt battery and leave it</u> <u>disconnected while the vehicle is parked waiting for service</u>.

- 9. If the ABS Actuator and Electric Unit (ABS control unit) requires replacement:
 - If parts are not available, provide the customer with a rental.
 - Refer to the appropriate Electronic Service Manual (ESM), section BRAKES-BRAKE CONTROL SYSTEM, for replacement information.
 - Follow all instructions in the ESM for ABS Control Unit replacement.
 - **IMPORTANT**: Make sure 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).
 - Refer to the next page for ABS Control Unit Configuration.

IMPORTANT: If there is a delay between inspection and replacement of the ABS control unit, <u>park the</u> <u>vehicle outside away from other vehicles and structures</u>, <u>disconnect the vehicle 12 volt battery and</u> <u>leave it disconnected while the vehicle is parked waiting for service</u>.

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



- 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.

ABS CONTROL UNIT CONFIGURATION 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.

NOTE: Although the ABS Control Unit Configuration Procedure is contained in the ESM, the instructions on pages 7 through 12 contain additional detail that may be helpful.

- 1. Connect CONSULT-III plus (C-III plus) to the vehicle.
- 2. Turn the ignition ON.
- 3. Open / start C-III plus.
- 4. Wait for the plus VI to be recognized.
 - The serial number will display when the plus VI is recognized.
- 5. Select Re/programming, Configuration.

	CE CONSULT-III plus Ver. 1111.118.00	VIN:-	Vehicle : -	Country : U.S.A.	
	Back Home Print Screen	Screen Capture Mode Recorder Data			
	Connection Status		Diagnosis Menu		
Step	Serial No.	Status	Diagnosis (On	ne System)	
4	2300727 Nor	mal Mode/Wireless connection	Diagnosis (All	Systems)	Step
	MI _	No connection	Re/programmi	ing, Configuration	5
	Select VI/MI		Immobilizer		
	Application Setting	BC Language Setting	Maintenance		
	VDR				
		Γ'	10		

Figure 1B

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

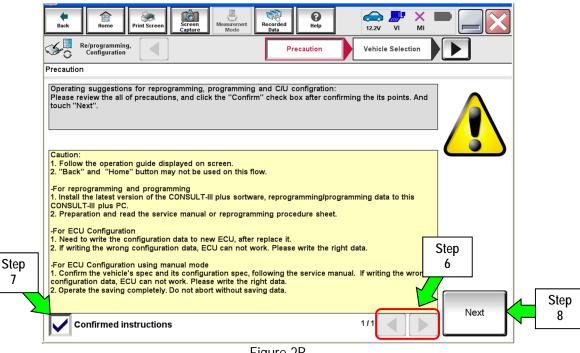


Figure 2B

- 9. If the screen in Figure 3B displays, select Automatic Selection(VIN).
 - If the screen in Figure 3B does not display, skip to step 10.

	Back Home Home Re/programmi Configuratio	Print Screen Captu	neasurement Re Measurement Re	veorded Data	12.2V VI MI	
Step 9	Automatic Se		Manual Select	ion(Vehicle Name)		
	Vehicle Name :		\bigcirc		Model Year :	Sales Channel
	*MURANO Camp:P8201	JUKE	QUEST			NISSAN
	350Z	LEAF	ROGUE			INFINITI
	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			CLEAR
	FRONTIER	PATHFINDER ARMADA	X-TRAIL			Select
				1/1	0/0	

Figure 3B

- 10. Make sure VIN or Chassis # matches the vehicle's VIN.
- 11. Select Confirm.

Back Home Print Screen Capture	Measurement Mode Recorded Data	
Re/programming, Configuration	cle Selection	
touch "Change".	uch "Confirm". In case you want to select another vehicle, ep 0	
VIN or Chassis #		
Vehicle Name :	37 Z	
Model Year	2000	
	1/1	
		Change
	Step 11	Confirm
1	E'	

Figure 4B

12. Select Confirm.

Image: Back	
Re/programming, Configuration Vehicle Confirmation Input VIN System Selection	4/6
Input VIN	
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.	
VIN (17 or 18 digits) JE 1E YE AP 1C 1990 01 4	
Step 12	Confirm

Figure 5B

13. Select ABS.

Back Re/programming, Configuration	Messrement Mode Recorded Data Pelp Input VIN System Selection	Image: Non-Selection Image: No		
System Selection				
Touch "system". In 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	Step LASER/RADAR	AVM		
ABS	всм	CHASSIS CONTROL		
IPDM E/R	CAN GATEWAY	TRANSMISSION		
1/1				

Figure 6B

14. Select Manual Configuration.

• **<u>DO NOT</u>** select Reprogramming.

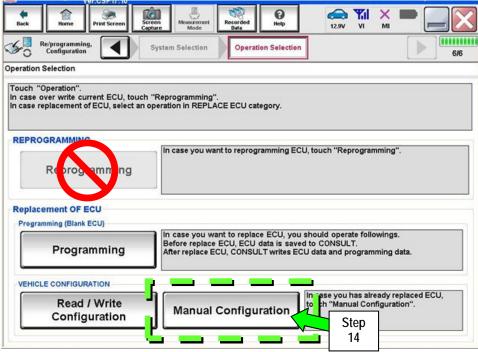


Figure 7B

- 15. Select the correct **Type ID** number.
 - Refer to **Table A** below for the correct **Type ID** number for the vehicle you are working on.
 - 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 16), and C-III plus will select the correct configuration.

16. Select Next.

CONSULT-III plus Ver. VIN:	Vehicle :	Country : United States
Back Bin	Zement de Data Per ERT 12.4V	
Re/programming, Operation Sele		Configuration 7/9
Manual Configuration		
Select Type ID from following table which is equal to	> FAST(Service parts catalogue), then touc	sh "Next".
	Step	
ABS	15	
т	ype ID	
47660-		
47660-		
47660-	Example	
47660-		Cancel
47660-		Sten
	1/2	Next Step 16
	Figuro 8B	

Figure 8	BB
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Model	Vehicle Options	TYPE ID #
	2WD with ICC	47660 - 9PP2B
	2WD with ICC and FEB	47660 - 9PP3B
	4WD with ICC	47660 - 9PP4B
2017 QX60	4WD with ICC and FEB	47660 - 9PP5B
	2WD without ICC	47660 - 9PP2D
	4WD without ICC	47660 - 9PP3D

ΤΔRI F Δ

* ICC = Intelligent Cruise Control. FEB = Forward Emergency Braking.

- 17. Confirm the correct Type ID number is selected.
- 18. Select OK.

ver.CSP21.10		States
Back Reme Print Screen Capture	Messurement Mode	
Configuration	Manual Write Configuration	Print Result / Operation Complete 8/9
Write Configuration		
Following setting value for each item are s Confirm setting value for each items, if OK,	aved to vehicle ECU. touch "OK" to save them to vehicle ECU.	
ABS		
	Type ID	
Step 17	47660-3# #6A #3#A6A	Cancel Step 18 OK
,		

Figure 9B

19. Configuration is complete, select ${\mbox{End}}.$

		er.CSP21.10								-	States
Back	Home	Print Screen	Screen Capture	Measurement Mode	Recorded Data	() Help	ERT	12.4V	Yil Vi	× MI	
\$ 0	Re/programmin Configuration	g,	Write	Configuration		nt Result / ion Comp					9/9
Print Res	sult / Operation	Complete									
	Configuration I "End" to finisl				creen. Confir	m each fi	unction w	orks co	rrectly.		
	AE	S									_
				Type I	D						
				47660-37454	13TA5A						
								[(Step		Print
									19		End

Figure 10B

PARTS INFORMATION

DESCRIPTION	MODEL	PART #	QUANTITY	
ABS Control Unit	Vehicles with ICC *		1	
	Vehicles without ICC *	47660 - 9PP1D	I	
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 (877-647-6621). Website order via link on dealer portal <u>www.NNAnet.com and click on the "Maintenance Advantage"</u> <u>link.</u>

NOTE: Old parts will be put on parts return. Dealer charge backs will occur if an ABS control unit is replaced incorrectly.

CLAIMS INFORMATION

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

CAMPAIGN ("CM") I.D.	DESCRIPTION	OP CODE	FRT
R1808	Inspect anti-lock brake system (ABS) actuator serial number – OK Condition	R18080	0.3 hrs.

OR

CAMPAIGN ("CM") I.D.	DESCRIPTION	OP CODE	FRT
R1808	Inspect anti-lock brake system (ABS) actuator serial number <u>and</u> Replace ABS Control Unit – Replace Condition	R18082	2.8 hrs.