

RECALL CAMPAIGN BULLETIN

Reference: ITB17-058 COPYRIGHT© NISSAN NORTH AMERICA, INC. Date:

December 5, 2017

VOLUNTARY EMISSION RECALL CAMPAIGN 2016-2018 Q50 AND 2017 Q60; ENGINE CONTROL MODULE REPROGRAM

CAMPAIGN ID #: R1726

APPLIED VEHICLES:

2016-2018 Q50 (V37) 2017 Q60 (CV37)

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

INTRODUCTION

Infiniti is conducting this voluntary emission recall campaign on certain specific model year 2016-2018 Q50 and 2017 Q60 vehicles. The Engine Control Module (ECM) will be reprogrammed so that in the event of an automatic transmission diagnostic issue, the diagnosis signals will be communicated properly and a Malfunction Indicator Light (MIL) will be properly illuminated to notify the driver. This service will be performed at no charge to the customer for parts or labor.

IDENTIFICATION NUMBER

Infiniti has assigned identification number R1726 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 emissions 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.

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.

Attention California Dealers:

<u>California law prohibits owners from renewing their California registration if emissions related recall work has</u> <u>not been performed</u>. California dealers are now required to issue a proof of correction certificate to vehicle owners upon completion of emission related recall work. Please fill out one of the campaign completion forms for each owner that has this campaign performed. Instruct owners to keep this certificate unless they are requested to mail it to the DMV. A sample of the form is shown below.

Vehicle Emission Recall - Proof of Correction								
License Number	Make	Year Model	Body Typ e					
Manufacturer Recall Number The above described vehicle has been repaired, modified and/or equipped with new emission control devices to meet applicable California Emission Control Laws Dealer's Address, City, State								
Dealership's Authorized								
Return this certificate to DMV only when required - otherwise retain for your records.								

Figure A

In addition, an Emission Recall Campaign Completion Label must be filled out and attached to the underside of the vehicle hood. A sample of the label is shown below.

INFINITI MOTO	R CORPORATION
AUTHORIZED	MODIFICATIONS
THE FOLLOWING MODIF	ICATIONS HAVE BEEN MADE:
THESE MODIFICATIO AS APPROPRIA	DNS HAVE BEEN APPROVED TE BY EPA AND CARB
DEALER CODE: CHANGE AUTHORITY:	DATE: NIS-UHL-16

Figure B

NOTE:

- These forms (item number CAEMRC-5-13) and labels (item number NIS-UHL-16) are available from Infiniti Publications (1-800-247-5321) at no charge.
- When either item (form or label) is ordered, you will automatically receive the other item as well.

SERVICE PROCEDURE

ECM Reprogram

IMPORTANT: Before starting, make sure:

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

NOTE:

- Most instructions for reprogramming with CONSULT-III plus (C-III plus) are displayed on the CONSULT PC screen.
- If you are not familiar with the reprogramming procedure, click here. This will link you to the "CONSULT- III plus (C-III plus) Reprogramming" general procedure.

Preparation for Reprogramming

- Take the vehicle for a 10 minute drive in order to meet the following Idle Air Volume Learn (IAVL) conditions:
 - Engine coolant temperature: 70 -100°C (158 - 212°F)
 - ➤ Battery voltage: More than 12.9V (At idle)
 - Transmission: Warmed up





• After reprogramming is complete, you will be required to perform Throttle Valve Closed Position, Idle Air Volume Learn, Accelerator Closed Position, and DTC erase.

CAUTION:

- Connect a GR8 battery charger to the vehicle battery and set to power supply mode. If the vehicle battery voltage drops below <u>12.0V or above 15.5V</u> during reprogramming, <u>the ECM may be</u> <u>damaged</u>.
- Be sure to turn OFF all vehicle electrical loads.
 If a vehicle electrical load remains ON, <u>the ECM may be damaged</u>.
- Be sure to connect the AC Adapter.
 If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and <u>the ECM may be damaged</u>.
- Turn off all external Bluetooth[®] devices (e.g., cell phones, printers, etc.) within range of the CONSULT PC and the VI. If Bluetooth[®] signal waves are within range of the CONSULT PC during reprogramming, reprogramming may be interrupted and <u>the ECM may be damaged</u>.

- 1. Connect the CONSULT PC to the vehicle to begin the reprogramming procedure.
- 2. Open ASIST on the CONSULT PC and start C-III plus.
- 3. Wait for the plus VI to be recognized / connected.
 - Serial number will display when the plus VI is recognized / connected.
- 4. Select Re/programming, Configuration.



5. Follow the on-screen instructions and navigate the C-III plus to the screen shown in Figure 2 on the next page.

- 6. When you get to the screen shown in Figure 2, confirm that a reprogram is available as follows.
 - A. Find the ECM **Part Number** and write it on the repair order.

NOTE: This is the <u>current</u> ECM Part Number (P/N).

Back Re/pro	gramming,	Cepture Mode	Save ECU Data	11.6V VI	
ave ECU Data	Iguration				7/7
Touch "Save" Operation log after operation	to save operation helps to restart nex has completely fini	log and the current part n t operation by selecting s shed.	umber as listed below to uitable operation log. Op	CONSULT. eration log is era	sed
File Label			XXXXXXXXXXXXXXX	014	
Operation	CA . Cur		REPROGRAMMI	NG	
6A: <u>Current</u> ECM P/N		rent ECW P/N	ENGINE		
Part Number			23710-WX88X		_
Part Number					
Part Number /ehicle			MXXXXXXXXXXXXXXX	5h	
Part Number Vehicle VIN			one konkense eko De bokkonkense.	5h (014	
Part Number Vehicle VIN Date			DAR KUMKANIKRIKA Mrkkonikrik Mrkkonikrikk Mrkkonikrikk	5h 014 (AM	

Figure 2

- B. Compare the P/N you wrote down to the numbers in the Current ECM Part Number column in Table A below.
 - If there is a <u>match</u>, continue with the reprogramming procedure.
 - If there is <u>not a match</u>, this campaign <u>does not apply</u> or it has already been done. Confirm this campaign applies to this vehicle.

MODEL	Current ECM Part Number: 23710-
2016 Q50	5CF1A, 5CF1B, 5CF1C, 5CF2A, 5CF2B, 5CF2C, 5CF3A, 5CF3B, 5CF3C, 5CH3A, 5CH3B, 5CH3C, 5CH4A, 5CH4B, 5CH4C, 5CH7A, 5CH7B, 5CH7C, 5CH8A, 5CH8B, 5CH8C, 5CH9A, 5CH9B, 5CH9C, 5CJ2A, 5CJ2B, 5CJ2C, 5CJ3A, 5CJ3B, 5CJ3C, 5CJ4A, 5CJ4B, 5CJ4C, 5CJ5A, 5CJ5B, 5CJ5C, 5CD5A, 5CD5B, 5CD5C, 5CD6A, 5CD6B, 5CD6C, 5CF4A, 5CF4B, 5CF4C, 5CF5A, 5CF5B, 5CF5C, 5CF6A, 5CF6B, 5CF6C, 5CF7A, 5CF7B, 5CF7C, 5CF8A, 5CF8B, 5CF8C, 5CF9A, 5CF9B, 5CF9C, 5CJ6A, 5CJ6B, 5CJ6C, 5CJ7A, 5CJ7B, 5CJ7C, 5CJ8A, 5CJ8B, 5CJ8C, 5CJ9A, 5CJ9B, 5CJ9C
2017 Q50	6HF0A, 6HF0B, 6HF0C, 6HF1A, 6HF1B, 6HF1C, 6HF2A, 6HF2B, 6HF2C, 6HF3A, 6HF3B, 6HF3C, 6HG2A, 6HG2B, 6HG2C, 6HG3A, 6HG3B, 6HG3C, 6HG4A, 6HG4B, 6HG4C, 6HG5A, 6HG5B, 6HG5C, 6HG6A, 6HG6B, 6HG6C, 6HG7A, 6HG7B, 6HG7C, 6HG8A, 6HG8B, 6HG8C, 6HG9A, 6HG9B, 6HG9C, 6HA0A, 6HA0B, 6HA0C, 6HA1A, 6HA1B, 6HA1C, 6HA2A, 6HA2B, 6HA2C, 6HA3A, 6HA3B, 6HA3C, 6HA4A, 6HA4B, 6HA4C, 6HA5A, 6HA5B, 6HA5C, 6HA6A, 6HA6B, 6HA6C, 6HA7A, 6HA7B, 6HA7C, 6HF4A, 6HF4B, 6HF4C, 6HF5A, 6HF5B, 6HF5C, 6HF6A, 6HF6B, 6HF6C, 6HF7A, 6HF7B, 6HF7C
2018 Q50	6HB0A, 6HB1A, 6HB2A, 6HB3A, 6HB4A, 6HB5A, 6HB6A, 6HB7A, 6HD4A, 6HD5A, 6HD6A, 6HD7A, 6HD8A, 6HD9A, 6HJ0A, 6HJ1A, 6HJ2A, 6HJ3A, 6HJ4A, 6HJ5A, 6HJ6A, 6HJ7A, 6HJ8A, 6HJ9A
2017 Q60	5CC0C, 5CC0D, 5CC0E, 5CC1B, 5CC1C, 5CC1D, 5CC8B, 5CC8C, 5CC8D, 5CC9B, 5CC9C, 5CC9D, 5CG0C, 5CG0D, 5CG0E, 5CG1B, 5CG1C, 5CG1D, 5CG5B, 5CG5C, 5CG5D, 5CG6B, 5CG6C, 5CG6D, 5CG7B, 5CG7C, 5CG7D, 5CG8B, 5CG8C, 5CG8D, 5CH1B, 5CH1C, 5CH1D, 5CH2C, 5CH2D, 5CH2E, 5CH5C, 5CH5D, 5CH5E, 5CH6C, 5CH6D, 5CH6E, 5CJ0B, 5CJ0C, 5CJ0D, 5CJ1B, 5CJ1C, 5CJ1D, 5CK1B, 5CK1C, 5CK1D, 5CK2B, 5CK2C, 5CK2D, 5CK3B, 5CK3C, 5CK3D, 5CK4B, 5CK4C, 5CK4D, 5CL5B, 5CL5C, 5CL5D, 5CL6B, 5CL6C, 5CL6D, 5CL7B, 5CL7C, 5CL7D, 5CL8B, 5CL8C, 5CL8D

Table A

- Follow the on-screen instructions to navigate C-III plus and reprogram the ECM.
 NOTE:
 - In some cases, more than one new P/N for reprogramming is available.
 - ▶ In this case, the screen in Figure 3 displays.
 - Select and use the reprogramming option that <u>does not</u> have the message "Caution! Use ONLY with NTBXX-XXX".
 - If you get this screen and it is <u>blank</u> (no reprogramming listed), it means there is no reprogramming available for this vehicle. Close C-III plus and disconnect from the vehicle.

lack Re/programming.	een Screen Minus Friend	Recorded Data Select Progra	In Data	
ect Program Data				
uch and select the reprog case no reprog/programmi prog/programming data in (System	programming data listed in ng data is listed below, co ONSULT ENGINE	below. nfirm the vehicle sel	ection, VIN and	
Current Part Number	Part Number After Re	pro/programming	Other Information	
xxxxx-xxxx xxxxx-xxxx	x xxxxx-xxxx x xxxxx-xxxx	xxxxxxxx xxxxxxxx	xxxxxxxxxxx xxxxxxxxx	
				Next
			0/0	2-

Figure 3

- Before reprogramming will start, you will be required to enter your User Name and Password.
 - > The CONSULT PC must be connected to the Internet (Wi-Fi or cable).
 - ▶ If you do not know your User Name and Password, contact your Service Manager.

Ver.CSP44				itates
Back Hone Put Scree	n Screen Made Recorded Data	HIND LAT 12		-
Re/programming.	Confirm Vehicle User /	Authentication	fransfer Data	11/1
er Authentication				
Surgari Vali				
Daimler W/S				
Daimer ws				
	Please enter your UserID below			
	Usemamer 1	_		
	Passworf			
	Submit			
	stantin.			
Restation				Same
				Teaseami
	Comparison of the last	Manual Association		

Figure 4

8. When the screen in Figure 5 displays, reprogramming is complete.

NOTE: If the screen in Figure 5 does <u>not</u> display (reprogramming does <u>not</u> complete), refer to the information on the next page.

- 9. Disconnect the battery charger from the vehicle.
- 10. Select Next.





NOTE:

- In the next steps (page 9), you will perform Throttle Valve Closed Position, Idle Air Volume Learn, Accelerator Closed Position, and DTC erase.
- These operations are required before C-III plus will provide the final reprogramming confirmation report.

If reprogramming does <u>not</u> complete and the "!?" symbol displays as shown in Figure 6:

- Check battery voltage (12.0 15.5V).
- Ignition is ON, engine is OFF.
- External Bluetooth[®] devices are OFF.
- All electrical loads are OFF.
- Select <u>Retry</u> and follow the on screen instructions.

NOTE: Retry may not go through on first attempt and can be selected more than once.

Reprogramming, Canfiguration	Tyanufar Deta	Confirm Result	PC-49. 91 BU	240
Confirm Result				
Reprogramming or programmin operation on this ECU. Touch "Retry" to retry reprogram	g is not completed properly mining or programming	y, but you can retry repro	glprogramming	2
Part number after Reprogiprogramming		283B0-		02.5
Current Part Number		283B0		
Vehicle		ZEOLEAF		
VIN		JN1A20CF _X BTxxxxxx		
System		THEFALATION	4	
Dete		1/26/20 xx 4:34:55	PM	Retry
Other Information		6.26=>6.27		Y
				Print

Figure 6

If reprogramming does <u>not</u> complete and the "X" symbol displays as shown in Figure 7:

- Check battery voltage (12.0 15.5V).
- CONSULT A/C adapter is plugged in.
- Ignition is ON, Engine is OFF.
- Transmission in Park.
- All C-III plus / plus VI cables are securely connected.
- All C-III plus updates are installed.
- Select <u>Home</u>, and then restart the reprogram procedure from the beginning.

So Re'programming.	(1) miller Data Confirm Result	212
confirm Result		
Reprogramming or programming reuse anymore. Touch "Home" to back to Home	g is not completed properly. ECU has been broken, Screen, replace ECU with Service Manual.	and impossible to
Part number after Reprog/programming	28380	
Current Part Number	28360	
Vehicle	ZEOLEAF	
лім	JN1AZ0CFxBTxxx	2000
System	TECONOMICO	RX .
	36844 States	PM
Date	1/26/20xx 4:29:18	1 E.M.
Date Dther Information	1/26/20XX 4:29:18 6:26=>6:27	· · · · · ·

Figure 7

- 11. Follow the on-screen instructions to perform the following:
 - Throttle Valve Closed Position
 - Idle Air Volume Learn (IAVL)

NOTE:

- Listed below are the conditions required for IAVL to complete.
- o If IAVL does not complete within a few minutes, a condition may be out of range.
 - Engine coolant temperature: 70 -100° C (158 212°F)
 - Battery voltage: More than 12.9V (At idle)
 - Selector lever: P or N
 - > Electric load switch: OFF (Air conditioner, headlamp, rear window defogger)
 - Steering wheel: Neutral (Straight-ahead position)
 - Vehicle speed: Stopped
 - Transmission: Warmed up
- Accelerator Pedal Close Position Learning
- Erase DTCs

Continue to the next page.

- 12. When the entire reprogramming process is complete, the screen in Figure 8 will display.
- 13. Verify the before and after part numbers are different.
- 14. Print a copy of this screen (Figure 8) and attach it to the repair order for warranty documentation.
- 15. Select Confirm.

Back Home Print Screen	Screen Capture Mode	Recorded Data	← ↓ × 14.3V VI MI	-
Re/programming, Configuration	Erase All DTCs	Print Result / Operation Complete		18/18
rint Result / Operation Complete				
All tasks are completed. Confirm In case CONSULT can NOT imme temporally storage of this page. T Data Folder" on desk top, and op Part number after	LAN access, touch "P diately access to LAN ouch "Screen Capture en the folder named "So	rint" to print out this page or printer, Screen Capture ", and save it. Screen capt creenImages".	e. function is available for ure data is in "CIII plus	
Reprog/programming Part number before Reprog/programming	Step 13	23710-148382	1	-
/ehicle		2344,89702		
/IN		JUNDAX HER KEN XAMO	21264]
System		ENGINE	Step	Print
Date		11/3/2011 2:10:2	1 AM	
			Step 1/1	Confirm

Figure 8

- 16. Close C-III plus.
- 17. Turn the ignition OFF.
- 18. Disconnect the plus VI from the vehicle.
- 19. Test drive the vehicle and make sure it operates correctly and the MIL is OFF.
 - This bulletin does not cover any repairs beyond ECM reprograming.
 - If the MIL comes ON, go to ASIST for further diagnostic information.

CLAIMS INFORMATION

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

CAMPAIGN ("CM") ID	DESCRIPTION	OP CODE	FRT
R1726	Reprogram Engine Control Module	R17260	0.5 hrs.
	Reprogram not available	R17261	0.3 hrs.