

SERVICE BULLETIN

Classification: EL18-011 Reference:

ITB18-015

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April 10, 2018

2018 QX60; WELCOME LIGHTING DOES NOT WORK

APPLIED VEHICLES:2018 QX60 (L50)APPLIED VIN:Vehicles built before 5N1(*)L0M(**)JC 528063APPLIED DATE:Vehicles built before March 3, 2018APPLIED SYSTEM:Vehicles equipped with the Deluxe Technology Package only

IF YOU CONFIRM

The outside door handle lamp and all interior room lamps related to Welcome Lighting do not turn ON when approaching a locked applied vehicle with an Intelligent Key.

NOTE: This issue applies to vehicles equipped with the Deluxe Technology Package. Vehicles without this package are not affected.

ACTION

- 1. Configure the BCM.
 - See Service Information in this bulletin for the configuration procedure.

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.
- The CONSULT PC is connected to the Internet (Wi-Fi or cable).
- 1. Connect the plus VI to the vehicle.
 - Make sure to use the correct plus VI for C-III plus.

CAUTION: Make sure the plus VI is securly connected. If the plus VI connection is loose during configuration, the process will be interrupted and the **BCM may be damaged**.

2. Connect the AC Adapter to the CONSULT PC.

CAUTION: Be sure to connect the AC Adapter. If the CONSULT PC battery voltage drops during configuration, the process will be interrupted and the **BCM may be damaged**.

- 3. Connect the GR-8 to the vehicle battery:
 - Set the GR-8 to "Power Supply" mode.

CAUTION: Make sure to connect the GR-8 securely to the 12V battery. Make sure the battery voltage stays between <u>12.0V and 15.5V</u> during reprogramming. If the battery voltage goes out of this range during configuration, the **BCM may be damaged**.

4. Turn OFF all external Bluetooth[®] devices (e.g., cell phones, printers, etc.) within range of the CONSULT PC and the VI.

CAUTION: Make sure to turn OFF all external Bluetooth[®] devices. If Bluetooth[®] signal waves are within range of the CONSULT PC and the plus VI during configuration, configuration may be interrupted and the **BCM may be damaged**.

- 5. Turn the ignition ON with the engine OFF.
- 6. Turn OFF all vehicle electrical loads such as exterior lights, interior lights, HVAC, blower, rear defogger, audio, NAVI, seat heater, steering wheel heater, etc.

IMPORTANT: Make sure to turn OFF all vehicle electrical loads. Make sure the battery voltage stays between <u>12.0V and 15.5V</u> during reprogramming. If the battery voltage goes out of this range during configuration, the **BCM may be damaged**.

- 7. Turn ON the CONSULT PC.
- 8. Select C-III plus.
- 9. Wait for the plus VI to be recognized.
 - The serial number (Serial No.) will display when the plus VI is recognized.
- 10. Select Re/programming, Configuration.

1	Connec	tion Status		Diagnosis Menu
	-	Serial No.	Status	Diagnosis (One System)
9: plus VI	VI	2300727	Do J))) Normal Mode/Wireless connection	Diagnosis (All Systems)
	MI		No connection	Step Re/programming, Configuration
	38	Select VI/M	Ĩ	Immobilizer
	Applicat	tion Setting Sub mode	ABC Language Setting	Maintenance
	2	VDR		

- 11. Use arrows (if needed) to view and read all precautions.
- 12. Check the box confirming the precautions have been read.
- 13. Select Next.

So Re	programming, onfiguration		Precaution	Vehicle Selection		
Precaution						
Operating Please revi touch "Nex	suggestions for repro ew the all of precautio	gramming, programming, and click the "Co	ning and C/U configration; nfirm" check box after conf	firming the its points. And		
Caution: 1. Follow ti 2. "Back" a -For reprog 1. Install th CONSULT- 2. Preparat -For ECU	ne operation guide di nd "Home" button m ramming and progra e latest version of the II plus PC. on and read the serv configuration	splayed on screen. ay not be used on th mming CONSULT-III plus sc ice manual or repros	nis flow. ortware, reprogramming/prog gramming procedure sheet.	gramming data to this	Sten	
2. If writing	the wrong configuration	tion data, ECU can n anual mode	ot work. Please write the rig	ght data.	11	
-For ECU (the vehicle's spec and	tite configuration en	ec following the service ma			

Figure 2

14. Select Automatic Selection(VIN).

• If the screen in Figure 4 does not display, skip to step 15.

	CONSULT-III plus	Ver. V	IN:5N1DLOMM9JC	Vehicle : -		Country : United States
	Back Home	Print Screen Captu	n Measurement Mode	ecorded Help	AT 12.2V VI ΜΙ	
	Re/programmi Configuratio	ng,	Precaution	Vehicle Selection	Vehicle Confirmation	
Step	Automatic S	election(VIN)	Manual Select	ion(Vehicle Name))	
	Vehicle Name :		0~		Model Year :	Sales Channel
	*INFINITI EX35 Camp:P8202	INFINITI G37 Convertible	INFINITI M45	INFINITI Q70 Hybrid	2019	NISSAN
	INFINITI EX35	INFINITI G37 Coupe	INFINITI Q40 Sedan	INFINITI QX30	2018	INFINITI
	INFINITI FX35/FX45	INFINITI G37 Sedan	INFINITI Q45	INFINITI QX4	2017	DATSUN
	INFINITI FX35/FX50	INFINITI 130	INFINITI Q50	INFINITI QX50	2016	
	INFINITI FX37/FX50	INFINITI 135	INFINITI Q50 Hybrid	INFINITI QX56	2015	
	INFINITI G20	INFINITI JX35	INFINITI Q60	INFINITI QX60	2014	
	INFINITI G25/G37 Sedan	INFINITI M35/M45	INFINITI Q60 Convertible	INFINITI QX60 Hybrid		
	INFINITI G35 Coupe	INFINITI M35h	INFINITI Q60 Coupe	INFINITI QX70		CLEAR
	INFINITI G35 Sedan	INFINITI M37/M56	INFINITI Q70	INFINITI QX80		Colort
				1/1	1/1	Select

Figure 3

- 15. Make sure VIN or Chassis # matches the vehicle's Vehicle Identification Number (VIN).
- 16. If the correct VIN is displayed, select Confirm.



Figure 4

17. Select Confirm.

CONSULT-III plus Ver.	VIN:5N1DL0MM9JC	Vehicle : INFINITI QX60 L50 20	18 Country : United States
Back Home Print Screen	Screen Capture Measurement Recorder Data		× = _ X
Re/programming, Configuration	Vehicle Confirmation	Input VIN	4/4
out VIN			
Inter the VIN number, and touc iccording to this operation, in c CONSULT, VIN number you input state action could be state action co	th "Confirm". ase of specified operation that red ut is saved as file name. Therefore	quires to save ECU information intr , confirm VIN number correctly.	
ENI-		ALCONE ALCO	_
VIN (17 or 18 digits) SN	IDLOWIM9JC		
			Confirm
	Eigur	o F	

Figure 5

18. Select BCM.

CONSULT-III plus Ver	VIN:5N1DL0MM9JC	Vehicle : INFINI	TI QX60 L50 2018	Sta	ates	and the second se	
Back Home Print Screen	Screen Capture Mode Record Data	ed Reip ERT	12.2V VI	× =	•	$\boldsymbol{<}$	
Re/programming, Configuration	Input VIN	ystem Selection	Operation Selec	tion	5/6	1	
ystem Selection							
In case ECU you want to operate i	s not listed below, the vehicle (or model year might be	e selectéd wron	g.			
		r			-		
ENGINE	IPDM	E/R	AUT	O DRIVE	POS.	3	
ENGINE MULTI AV	IPDM AIR PRESSUR	E/R E MONITOR	AUT	TO DRIVE BCM	POS.		Step 18
ENGINE MULTI AV 3ch CAN GATEWAY	IPDM AIR PRESSUF HEAD LAMP	e/r e monitor levelizer	AUT	TO DRIVE BCM SONAR	POS.		Step 18
ENGINE MULTI AV 3ch CAN GATEWAY EPS/DAST 3	IPDM AIR PRESSUF HEAD LAMP METER	E/R E MONITOR LEVELIZER /M&A	AUT	TO DRIVE BCM SONAR	POS.		Step 18

Figure 6

19. Select After ECU Replacement.

CONSULT-III plus Ver.	VIN:5N1DL0MM9JC	Vehicle : INFINITI QX60 L50	2018 Country : United States
Back Home Print Screen	Screen Capture Moasurement Mode Data		il 💥 🖿 🔚 🔀
Configuration	System Selection Op	eration Selection	6/6
peration Selection			
Touch "Operation". In case over write current ECU, in case replacement of ECU, selection of ECU, selec	ouch "Reprogramming". t an operation in REPLACE ECU	category.	
REPROGRAMMING	Ú-		and the P
Reprogramming	in case you want to rep	rogramming ECU, touch Reprog	ramming .
Replacement OF ECU			
Programming (Blank ECU)	Step	Touch "Befor	re FCU Replacement"
Before ECU Replacement	After E 19	cement Operation log	with part number is saved
VEHICLE COT AGURATION			
Before ECU replace ner	After ECU Re	placement Touch "Befor Operation log saved to COM	re ECU Replacement", with configuration data is ISULT.
		. 7	

Figure 7

20. Select Manual selection.

	CONSULT-III plus Ver	VIN:5N1DL0MM9JC	Vehicle : INFINI	TI QX60 L50 2018	Country : United States
	Back Rome Print Screen	Screen Capture Mode Recorde Data	d 🚱 🔬	12.1V VI MI	
	Configuration	Operation Selection	Vriting method selection		8/8
	Writing method selection				
	Select an operation from the fo Touch "FAST linked" or "Manua	llowing list. I selection".			
	FAST linked	Touch "FAST linked" to select generated in FAST.	automatic selection	for writing data usin	g the file
Step 20	Manual selection	Touch "Manual selection" to se	lect writing data mar	nually.	

Figure 8

- 21. Select BCM setting values for the Deluxe Technology Package:
 - RAIN SENSOR CONFIG => WITH
 - CAN ERR DETECT TELEMATICS => WITH
 - HBA SYSTEM => WITH
- 22. Select Next.

Manual Config	uration				
Identify the c Confirm and/ Make sure to If not, configu	orrect model and configuration li or change setting value for each touch "Next" even if configuration ration which is set automatically	st described in Servic item, touch "Next". In list is not displayed by selecting vehicle m	e Manual. , odel can not be memoriz	ed.	
	BCM				
	ltems		Setting Value		
RAIN SEN			WITH	•	
CAN ERR	DETECT TELEMATICS		WITH		
HBA SYST	EM		WITH	-	· · · · · · · · · · · ·
					Cancel

Figure 9

23. Select Next.

CONSULT-III plus ver.	VIN:5N1DL0MM9JC	Vehicle : INFINITI QX60 L50 20	18 Country : United States
e Carlo Print Screen	Screen Capture Mode Record	ed 0 Help A	× = _ X
Re/programming, Configuration	Print Result / Operation Complete	rite Configuration	12/12
onfiguration			
NSULT automatically judges n en "Writing method selection" ich "Next".	ecessity of configuration of su is displayed, continue sub EC	b ECU by ECU configuration. 20 configuration.	
BCM			_
Item	5	Setting Value	
IN SENSOR CONFIG		WITH	
	2.93	Sec. March	
AN ERR DETECT TELEMA	TICS	WITH	
AN ERR DETECT TELEMA BA SYSTEM	ATICS	WITH WITH	
AN ERR DETECT TELEMA	TICS	WITH	Cancel
AN ERR DETECT TELEMA	TICS	WITH	Cancel

Figure 10

24. Select Manual selection.

	CONSULT-III plus Ver.	VIN:5N1DL0MM9JC	Vehicle : INFINITI QX60 L50 2018	Country : United States
	Back Home Print Screen	Screen Capture Mode Recorded Data	Image: Weight Heip Image:	
	Configuration	Write Configuration Writ	ing method ion (sub ECU)	13/13
	Writing method selection (sub EC	U)		
	Select an operation from the fo Touch "FAST linked" or "Manue	llowing list. I selection".		
	FAST linked	Touch "FAST linked" to select au generated in FAST.	tomatic selection for writing data usin	g the file
Step	Manual selection	Touch "Manual selection" to selec	t writing data manually.	

Figure 11

- 25. Verify Intelligent Key setting values:
 - Key Fob Type => ENST/LCK/UNLCK/BD/ALRM
 - TRANSMISSION => AT with ABS
 - AUTO CRANK TIME => MODE1
 - ANSWER BACK I-KEY LOCK UNLOCK => BUZZER
- 26. Select Next.

Back Home Print Screen	Screen Measurement Record Capture Mode Data	ed Help ERT 12.0V	/I MI	
Re/programming, Configuration	Writing method selection (sub ECU)	Configuration (sub	iguration	14/16
Manual Configuration (sub ECU)				
Confirm and/or change setting va Make sure to touch "Next" even i If not, configuration which is set a	lue for each item, touch "Next If configuration list is not displ automatically by selecting vehic	r". layed. cle model can not be memorized.	N N N N N N N N N N N N N N N N N N N	
INTELLIGENT KEY				
INTELLIGENT KEY	15	Setting Value		
INTELLIGENT KEY Item Key Fob Type	15	Setting Value	RM 🔻	
IN TELLIGENT KEY Item Key Fob Type TRANSMISSION	15	Setting Value ENST/LCK/UNLCK/BD/AL AT with ABS	RM V	
INTELLIGENT KEY Item Key Fob Type TRANSMISSION AUTO CRANK TIME	15	Setting Value ENST/LCK/UNLCK/BD/AL AT with ABS MODE1	RM V	

Figure 12

27. Select OK.

CONSULT-III plus Ver.	VIN:5N1DL0MM9JC	Vehicle : INFINITI Q	X60 L50 2018	Country : United States	
Back Home Print Screen	Screen Capture Mode Record	ded Help	2.2V VI	× = _ X	
Re/programming, Configuration	Write Configuration	/rite Configuration (sub ECU) Op	Print Result / eration Compl	ete 2/3	
Vrite Configuration (sub ECU)					
Following setting value for each Confirm setting value for each If OK, touch "OK" to save them t	n item are saved to vehicle sub items. o vehicle ECU.	ECU.			
lt	ems	Setting Va	lue		
Кеу Fob Туре		ENST/LCK/UNLC	K/BD/ALRM	a	
TRANSMISSION		AT with A	BS		
AUTO CRANK TIME	1. Carlos 1. Car	MODE	1		
ANSWER BACK I-KEY LO	CK UNLOCK	BUZZE	R	Cancel	
9		1/1		ОК	
			8 - CO		

Figure 13

28. Select End.

Image <th< th=""><th>Print Result 7 Print Result 7 Operation Complete Feach FC110 Leted. Confirm each function works correctly.</th><th></th></th<>	Print Result 7 Print Result 7 Operation Complete Feach FC110 Leted. Confirm each function works correctly.	
Reiprogramming, Configuration Frint Result / Operation Complete(sub ECU) Write configuration for sub ECU has been successfully complet Touch "End" to finish operation, and to back to home screen. C	Print Result 7 Print Result 7 Feach FCIN leted. Confirm each function works correctly.	414
int Result / Operation Complete(sub ECU) Write configuration for sub ECU has been successfully compl Fouch "End" to finish operation, and to back to home screen. C	leted. Confirm each function works correctly.	
Vrite configuration for sub ECU has been successfully compl rouch "End" to finish operation, and to back to home screen. C	leted. Confirm each function works correctly.	
INTELLIGENT KEY		
Items	Setting Value	
Кеу Fob Туре	ENST/LCK/UNLCK/BD/ALRM	
TRANSMISSION	AT with ABS	
AUTO CRANK TIME	MODE1	Print
ANSWER BACK I-KEY LOCK UNLOCK	BUZZER	Other Operation

Figure 14

29. Close C-III plus.

- 30. Turn the ignition OFF.
- 31. Disconnect the plus VI from the vehicle.
- 32. Confirm Welcome Lighting is now enabled:
 - a. Exit the vehicle.
 - b. Lock the doors (the map lamp should illuminate).
 - c. Move the Intelligent Key approximately 20 feet away from the vehicle.
 - d. Wait until the map lamps dim and go out.
 - e. Approach the vehicle and confirm that the interior lamps and outside door handle lamp illuminates.
 - Alternate confirmation procedure:
 - aa. Ignition is OFF.
 - bb. Turn ON the ignition.
 - cc. Go to Vehicle Setting in the combination meter.
 - "Welcome Light" should now show as an option.

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Perform BCM Configuration	(1)	RX6DAA	ZE	32	0.4

(1) Reference the electronic parts catalog (FAST), and use the BCM Control Assy as the Primary Failed Part (284B1-*****).