

SERVICE BULLETIN

Date:

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Classification:

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2014 – 2015 Q50; CONFIGURING INFINITI INTOUCH SYSTEM

This bulletin has been amended to include the 2015 model year. Please discard the previous version.

APPLIED VEHICLE

2014 - 2015 Q50 (V37) 2014 - 2015 Q50 Hybrid (V37)

Reference:

SERVICE INFORMATION

MULTI A/V Configuration using CONSULT-III plus (C-III plus)

There are many configurations of the Infiniti InTouch system. Typically, if the MULTI A/V is not configured properly on a navigation equipped vehicle, you will see a clock with no hands on the upper display. If in a situation where the MULTI A/V needs to be manually configured, here are some tips in selecting the correct configuration:

<u>Navigation:</u>

Is there is a **MAP** button on the Infiniti Controller (Figure 1)?

- ➢ Yes, select WITH
- ➢ No, select WITHOUT
- Lane Departure Prevention:

Is it there is a Blind Spot Warning Light on the A-Pillar?

- Yes, select ON.
- > No, select OFF
- <u>Hybrid:</u>
 - Select **OFF** for Conventional Engine.
 - Select **FR TYPE** for 2WD Hybrid
 - Select FR TYPE 4WD for 4WD Hybrid



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.

- <u>Camera System:</u>
 - Select REAR if the vehicle only has rear camera only.
 - Select NONE/AVM ph3 if the vehicle has Around View Monitor (Check for cameras underneath side door mirrors Figure 2).
- Predictive Course Line:

Does the vehicle have Around View Monitor (AVM)?

- > Yes, select WITHOUT/WITH AVM.
- > No:
 - Select WITH (RVM WITH DAST) for vehicles equipped with Direct Adaptive Steering.

Or

- Select WITH (RVM WITHOUT DAST) for vehicles <u>without</u> Direct Adaptive Steering.
- <u>Sonar Type:</u>

Does the vehicle have sonar sensors on the front and rear bumpers (Figure 3)?

- > Yes, select FRONT&REAR.
- ➢ No, select NONE.



Figure 2



Figure 3

• Audio Amp Type:

Does the vehicle have a Bose Audio system (Figure 4)?

NOTE: You can find the BOSE emblem on the left and right sides of the dash at the windshield

- > Yes, Select 2ch AMP.
- No, Select 160W AMP.



Figure 4

Configuration Procedure is as Follows:

- 1. Inspect the vehicle being worked on for its options listed above and on page 1.
- 2. Connect the plus VI to the vehicle.
- 3. Connect the AC adapter to the CONSULT PC.
- 4. Turn on the CONSULT PC, and then open C-III plus.
- 5. Press the vehicle's power ("ignition") switch twice <u>without</u> depressing the brake pedal.
 - The meter and gauges will illuminate.

CAUTION: <u>Do Not</u> start the vehicle.

NOTE: Make sure all accessories are turned off.

After the plus VI is recognized, select Re/programming, Configuration.
NOTE: Make sure all applications other than C-III plus are closed.



Figure 5

7. Click on the **Confirmed Instructions** box and then select **Next**.

CONSULT-III plus Ver.35.20 Ver.CSP20.21	VIN:-	Vehicle : -		Country : United States
Back Home Print Screen	Screen Capture	rded ta	12.6V VI MI	
Re/programming, Configuration		Precaution	Vehicle Selection	
Precaution				
Operating suggestions for reprogra Please review the all of precautions, touch "Next".	mming, programming and and click the "Confirm" ch	C/U configration: eck box after confirming	the its points. And	
Precautions Caution:				
1. Follow the operation guide displa 2. "Back" and "Home" button may	yed on screen. not be used on this flow.			
-For reprogramming and programm 1. Install the latest version of the CC CONSULT-III plus PC. 2. Preparation and read the service	ing NSULT-III plus sortware, re manual or reprogramming	programming/programmi procedure sheet.	ing data to this	
-For ECU Configuration 1. Need to write the configuration da 2. If writing the wrong configuration	ata to new ECU, after repla data, ECU can not work. F	ce it. Please write the right data	a.	
-For ECU Configuration using manu 1. Confirm the vehicle's spec and its configuration data, ECU can not wo 2. Operate the saving completely	configuration rk. Place 7	the service manual. I	f writing the wrong	
				Next
Confirmed Instructions			1/1	
	Figu	ure 6		

- 8. Select INFINITI Q50 and 2014 or Automatic Selection(VIN).
 - If Automatic Selection(VIN) is selected, wait for the Reading VIN screen to complete (picture not shown).
- 9. Select Select.

	CONSULT-III plus	Ver.35.30 Ver.CSP20.21 V	/IN:	Vehicle : -		Country : United States
	Back Back	Pint Screen Capty	n Measurement Mode	Norded Help	12.57 VI MI	-
	Reiprogrammi Configuratio	ng.	Precaution	Vehicle Selection	Vehicle Confirmation	
This works,	Automatic S	election(VIN)	Manual Select	ion(Vehicle Name)	$\mathbf{)}$	
	Vehicle Name :				Model Year :	Sales Channel
	"INFINITI EX35 Camp:P8202	INFINITI G37 Convertible	INFINITI M45	INFINITI QX50	2014	NISSAN
	INFINITI EX35	INFINITI G37 Coupe	INFINITI Q45	INFINITI QX56	2015	INFINITI
	INFINITI FX35/FX45	INFINITI G37 Sedan	INFINITI 250	FINITIQX60		DATSUN
	INFINITI FX35/FX50	INFINITI I30	INFINITI Q5C Hybrid	MER Ste	ep	
	INFINITI FX37/FX50	INFINITI 135	INFINITI 260 Convertible		3	
	INFINITI G20	INFINITI JX35	INFINITI Off Coupe	INFINITIOX80		
	INFINITI G25/G37 Sedan	INFINITI M35M45	INFINITI 270			
	INFINITI G35 Coupe	INFINITI M35h	INFINITI Q7C Hybrid			CLEAR
	INFINITI G35 Sedan	INFINITI M33/M56	INFINITI QX4		Step	Select
				1/1	9	
	-					

Figure 7

10. Verify the VIN in VIN or Chassis # matches that of the vehicle's.

• If the correct VIN exists, select Confirm.

	CONSULT-III plus Ver.35.30 VIN:	Vehicle : -	Country : United States
	Back Home Print Screen Capture	Measurement Mode Data Heb 12.1V VI	× 🖿 📃 🔀
	Configuration Vehic	cle Selection Vehicle Confirmation Input VIN	
	Please confirm selected information and to touch "Change".	uch "Confirm". In case you want to select another vehicle	•
Verify	VIN or Chassis #	JN1AV7AR(*)(*)M	
	Vehicle Name :	INFINITI Q50	
	Model Year	2014	
		1/1	Change
	I-VE	If OK, select Confirm Figure 8	Confirm

11. On the next screen, select **Confirm**.

CONSULT-III plu	Ver.35.30 Ver.CSP20.21	VIN:		Vehicle : INFIN	TI Q50 V37 2014	C	ountry : United tates
Rack Home	Print Screen	Kreen Capture	Recorded Data	0 Heb	12.1V VI	×	🔀
Configure	tion	Vehicle Con	firmation	nput VIN			
Input VIN	2.2						
Enter the VIN nur According to this CONSULT, VIN nu	state spor outbanes * Comparation, in case state spor outbanes * Comparation (Internet spore) Comparation Comparatio	Confirm". a of specified is saved as file	operation that require name. Therefore, c	res to save ECU i onfirm VIN numbe	r correctly.		
VIN (17 or 18 d	_{gits)} JN	1AV7A	R(*)(*)M				
					Step 11		Confirm
			Figure	9			

12. Select MULTI AV.

• Wait for system call to complete.

CONSULT-III plus Ver.35.11 VI	N:	Vehicle : ROGU	T32 2014	Country : United States
Beik Binne Print Screen Capter	Mousement Recorded	e Rede	12.2V VI	X 🗖 📃 🔀
Configuration	Input VIN Sys	tem Selection	Operation Select	ion 5/6
System Selection				
In case ECU you want to operate is not lis	ted below, the vehicle or	model year might be	selected wrong	
ENGINE	AIR PRESSURE	MONITOR		AIR BAG
MULTI AV	Step 12	ISA		HVAC
EPS/DAST 3	LASER/RA	DAR		AVM
ABS	всм	ĺ	CHAS	SIS CONTROL
IPDM E/R	CAN GATE	way [TRA	INSMISSION
				1/1

Figure 10

13. Select Manual Configuration.

CONSULT-III plus Ver.35.11	VIN.	Vehicle : ROGU	JE T32 2014	Country : United States
Beck Bome Print Screen	creen epture	Recorded Help	12.3V VI M	-
Configuration	System Selection	Operation Selection		6/6
Operation Selection				
Touch "Operation". In case over write current ECU, touci In case replacement of ECU, select an	h "Reprogramming". operation in REPLACI	E ECU category.		
REPROGRAMMING	(*			
Reprogramming	In case you want	to reprogramming ECU, to	uch "Reprogrammir	1g".
Replacement OF ECU Programming (Blank ECU)				
Programming	In case you want Before replace Ed After replace ECU	t to replace ECU, you shou CU, ECU data is saved to J, CONSULT writes ECU da	uld operate followin CONSULT. ta and programmin	gs. g data.
VEHICLE CONFIGURATION	Manual C	onfiguration	ase you has already ch "Manual Configu	replaced ECU, ration".

Figure 11

- 14. Now select the correct vehicle options for the vehicle being configured.
 - Turn page to page 2/2 for additional configurable options.

CONSULT-III plus Ver.CS>20.21 VIN:	Vehicle : INFINITI Q50 V37 2014 Country : United States
Back Print Screen Capture Mode	
Configuration Operation Selection	Manual Configuration Write Configuration 79
Manual Configuration	
Identify the correct model and configuration node wit Confirm and/or change setting value for each item, too Make sure to touch "Next" even if the indicated configu- configuration. If not, configuration which is set automa memorized.	h Configuration list described on Service Manual ch "Next", ration of brand new BCM is same as the desirable isally by selecting vehicle model can nct be
Hame	Satting Value
Chasse vehicle	setting value
NAVIGA Choose venicle	With V Ston
LDP (LAI Options	on V Step
HYBRID	FR TYPE 4WD
CAMERA SYSTEM	NONE/AVM ph3
PREDICTIVE CO	
Turn page for additional options	1/2 Next

- 15. Select Next.
- 16. Confirm the vehicle options for the vehicle being configured are correct.

CONSULT-III plus Ver.05.30 VIN:	Vehicle : INFINITI Q50 V37 2014	Country : United States
teck Home Print Screen Captors Mode R	Neb 12.1V VI M	
Configuration Manual Configuration	Write Configuration Print Result / Operation Complete	89
Write Configuration		
Confirm setting value for each items, if OK, touch "OK" to say	ve them to vehicle ECU.	
Items	Setting Value	1
NAVIGATION	WITH	1
	On	1
HYBRI Options	FR TYPE 4WD	1
CAMERA STOTEM	NONE/AVM ph3	Cancel
PREDICTIVE COURSE LINE	wit Step	
	17	ОК

Figure 13

- 17. Select OK.
- 18. After the data transfer has completed select End.
- 19. Close the CONSULT PC.