

Classification: WT14-003 Reference: ITB14-012 SERVICE BULLETIN

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2014 Q50; TPMS CONFIGURATION

APPLIED VEHICLES: 2014 Q50 (V37) 2014 Q50 Hybrid (V37)

SERVICE INFORMATION

When a BCM is replaced for any reason, TPMS (Tire Pressure Monitor System) configuration <u>must</u> be performed.

TPMS configuration is in addition to any other BCM configurations that may be performed.

If TPMS configuration is not performed, TPMS transmitter ID registration will not complete.

Follow the Service Procedure in this bulletin to perform TPMS configuration.

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 dealer to determine if this applies to your vehicle.

SERVICE PROCEDURE

- 1. Connect the CONSULT-III plus (C-III plus) Vehicle Interface (plus VI) 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 Diagnosis (One System).

| | CONSULT-II | i pius ver. | .012.12.00 | VIIN:- | | | venicie : | - | | Country : U.S.A. | |
|--------------------------|-------------------|-----------------|--------------|-------------------|---------------------|------------------|----------------------|------------|-----------|------------------|---|
| | Back H | iome P | Print Screen | Screen Capture | Measurement Mode | Recorded Data | () Help | (11.8V | Yii 🗙 I | - | |
| | Connection Status | | | | | | Diagnosis Menu | | | | |
| plus VI is recognized | | Serial No. | | Stat | us))) | | Dia | gnosis (Or | ne Syster | m) | J |
| | | | No | rmal Mod conne | e/Wireless ction | _ [| n Dia | gnosis (Al | l System | s) |] |
| | MI | - | | No conn | ection | | ≪ <mark>s</mark> Re/ | programm | ing, Con | figuration | 1 |
| | Sel | ect VI/ | MI | | | <u>ן</u> | ⊂∎ ∕∕ Imn | nobilizer | | | j |
| | Application | Setting mode | | BCLang | juage Settin | | den Mai | intenance | | | Ĵ |
| | VDR | | | | | | | | | | |
| | J | | | | | | | | | | |

Figure 1

6. Select BCM.

| | | | | ountry . o.s.n. |
|--|------------------------------------|-------------------|----------------|-----------------|
| Back Home Print Screen Capture | Measurement Mode | 11.8 | | |
| Re/programming, Configuration | Input VIN System Selec | ion Opera | tion Selection | 5/6 |
| System Selection | | | | |
| Touch "system". In case ECU you want to operate is not list | ted below, the vehicle or model ye | ar might be selec | ted wrong. | |
| ENGINE | METER/M&A | Step | HVAC | |
| MULTI AV | всм 🗸 | | TRANSMIS | SION |
| ABS | CAN GATEWAY | | | |
| IPDM E/R | EV/HEV | | | |
| HEAD LAMP LEVELIZER | AIR BAG | | | |
| | | | | |
| | | | 17 | |
| | | | | |

Figure 2

7. Select BCM again.

| CONSULT-III plus Ver.34.60 VIN Back Back Print Screen Capture Diagnosis (One System Selecti | - Vehicle : - | Country : United States 11.6V VI MI |
|---|----------------------|---|
| System) | System | |
| DOOR LOCK | HEAD LAMP | |
| TRUNK | COMB SW |) |
| REAR DEFOGGER | RETAINED PWR |) |
| BUZZER | AIR CONDITONER | |
| INT LAMP | SIGNAL BUFFER | |
| BATTERY SAVER | THEFT ALM | |
| WIPER | AIR PRESSURE MONITOR | |
| FLASHER | INTELLIGENT KEY | Step 7 |
| імми | всм | |
| | | 1/1 |

Figure 3

8. Select ECU Identification.

| | T-III plus | Ver.34.60 | VIN:- | | | Vehicle : - | | | Country : United States | |
|------------------|-------------------------|-------------------------------|-------------------|-----------------------|----------------|-------------|-------|---|----------------------------|---|
| F Back | Home | Print Screen | Screen Capture | Measurement Mode | corded Data | () Help | 11.6V | | | × |
| Diagi Syste | nosis (One em) | Syst | em Selection | Select Su System | b- | Step | | | | |
| Self Dia Result | Ignostic | Work s | upport | ECU Identification | <pre>V</pre> | 8 | | | | |
| - | No DTC is Further te | detected. sting may be rea | quired. | | - | | - I | - | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | _ |
| | | | | | | | | | Print | |
| | | | | | | | | | Save | |
| | | | | | | | 1/1 | | ERASE | |
| | | | | Fic | NURO A | | | | | |

Figure 4

9. Write down the BCM part number:

NOTE: This number will be used later for TPMS configuration.

10. Select Home.



Figure 5

11. Select Re/programming, Configuration.

| | Li-ili pius ver.vi | 12.112.00 VIN:- | venicle : - Country : U.S.A. | |
|----------|---------------------------|-----------------------|-------------------------------|--------------|
| Back | Home Prin | t Screen Capture Mode | Recorded Data | \mathbf{X} |
| Connec | tion Status | | Diagnosis Menu | |
| | Serial No. | Status | Diagnosis (One System) | |
| vi | 2300727 | | | ┛ |
| | | connection | Diagnosis (All Systems) | Step 11 |
| МІ | - | No connection | Re/programming, Configuration | |
| 8.00 | Select VI/M | II | Immobilizer | |
| Applicat | ion Setting – Sub mode | ABC Language Setting | Maintenance | |
| | /DR | |] | |
| 1 | | Fiç | gure 6 | |

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

| | Back Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Back Print Screen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descent streen Image: Descentstreen Image: Descent streen |
|------------|---|
| | Precaution Operating suggestions for reprogramming, programming and C/U configration: Please review the all of precautions, and click the "Confirm" check box after confirming the its points. And touch "Next". |
| | Caution: 1. Follow the operation guide displayed on screen. 2. "Back" and "Home" button may not be used on this flow. -For reprogramming and programming 1. Install the latest version of the CONSULT-III plus sortware, reprogramming/programming data to this CONSULT-III plus PC. 2. Preparation and read the service manual or reprogramming procedure sheet. |
| Step 13 | -For ECU Configuration 1. Need to write the configuration data to new ECU, after replace it. 2. If writing the wrong configuration data, ECU can not work. Please write the right data. -For ECU Configuration using manual mode 1. Confirm the vehicle's spec and its configuration spec, following the service manual. If writing the wr configuration data, ECU can not work. Please write the right data. 2. Operate the saving completely. Do not abort without saving data. |
| 2 | Confirmed instructions |

Figure 7

- 15. Select Infiniti, Vehicle Name, correct Model Year, and then Select.
 - If the screen in Figure 8 does not display, skip to step 16.



- 16. Make sure VIN or Chassis # matches the vehicle's VIN.
- 17. Select Confirm.

| Back Home Print Screen Capture | Measurement Mode Recorded Data | - |
|--|--------------------------------------|-------------------|
| Re/programming, Configuration | cle Selection | |
| Please confirm selected informatio touch "Change". 1 | tep 6 | |
| VIN or Chassis # | | |
| Vehicle Name : | B 37 5 Z | |
| Model Year | E 2 0F 0 | |
| | 1/1 | |
| | Step 17 | Change Confirm |

Figure 9

18. Select Confirm.

| Back Home Print Screen Screen Capture Mode 11.8V VI MI | 🔀 |
|---|---------|
| 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 IE 9#0#1.4 | |
| Step 18 | Confirm |
| Figure 10 | |

19. Select Air Pressure Monitor.

| Back Re/programming, Configuration | Meessrement Mode Input VIN System Selection | Operation Selection | | | | |
|--|--|---------------------|--|--|--|--|
| System Selection | | | | | | |
| Touch "system". In case ECU you want to operate is not listed below, the vehicle or model year might be selected wrong. Step 19 | | | | | | |
| 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 11

20. Select Manual Configuration.

| | Ver.CSP <u>17.10</u> | | | Territor | . TERIORI DEVE | | |
|--|--|------------------------------|---|--|------------------------|------------------------------------|-------------------|
| Back | Home Print Screen | Screen Capture | Measurement Mode | orded Help | 12.90 | | K 🗭 📃 |
| Re/ | programming, onfiguration | System | Selection | Operation Select | ion | | 6 |
| eration Se | lection | | | | | | |
| 'ouch "Op n case ove n case repl | eration". r write current ECU, t acement of ECU, selec | ouch "Repro t an operatio | ogramming". on in REPLACE E | CU category. | | | |
| REPROGI | RAMMING | Inc | ase you want to | reprogramming | ECU touch "B | eprogramm | ing" |
| F | Reprogramming | | ase you want to | reprogramming | Loo, touch it | eprogramm | |
| | | _ | | | | | |
| Replacen Programm | nent OF ECU ing (Blank ECU) | | | | | | |
| Replacen Programm | nent OF ECU ling (Blank ECU) Programming | In c Bef Afte | case you want to ore replace ECU er replace ECU, C | replace ECU I, ECU CONSU Step 20 | to CONSL I data and | rate followi JLT. programmi | ings. ng data. |
| Programm | nent OF ECU ing (Blank ECU) Programming CONFIGURATION | In e Bef Afte | case you want to fore replace ECU er replace ECU, C | preplace ECU I, ECU CONSU Step 20 | to CONSL data and | erate followi JLT. programmi | ngs. ng data. |

Figure 12

- 21. Select the DATA PART NO. that matches the BCM part number you wrote down in step 9.
 - Use the scroll arrows to scroll and find the correct DATA PART NO. / BCM part number.
- 22. Select Next.



- 23. Confrim the correct DATA PART NO is listed.
 - This should be the BCM part number you wrote down in step 9.

24. Select OK.

| CONSUL I -III plus Ver.34.60 | VIN:0N1A12MV3EC/00409 | Vehicle : ROGUE 132 2014 | States |
|---|--|---|------------------------|
| Back Rome Print Screen | Screen Capture | Image: Weight Help Image: Weight Help | <mark>а × =</mark> |
| Re/programming, Configuration | Manual Configuration | onfiguration Print Re Operation C | sult / Complete 8/9 |
| Write Configuration | | | |
| Following setting value for each iter Confirm setting value for each items | n are saved to vehicle ECU. if OK, touch ''OK'' to save them to | o vehicle ECU. | |
| AIR PRESSURE MONITOR | | | |
| | DATA PART NO. | | |
| | 1284,842 = 448,4004, | | |
| | Step 23 | Ste 24 | P OK |
| | | | |

Figure 14

- 25. TPMS configuration is complete.
- 26. Select Home, close C-III plus and disconnect from the vehicle.