Classification:	Reference:	Date:
EL18-011	ITB18-015	April 10, 2018

2018 QX60; WELCOME LIGHTING DOES NOT WORK

APPLIED VEHICLES: 2018 QX60 (L50)
APPLIED VIN: Vehicles built before 5N1(*)L0M(**)JC 528063
APPLIED DATE: Vehicles built before March 3, 2018
APPLIED 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.

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 securely 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 12.0V and 15.5V 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 12.0V and 15.5V 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.
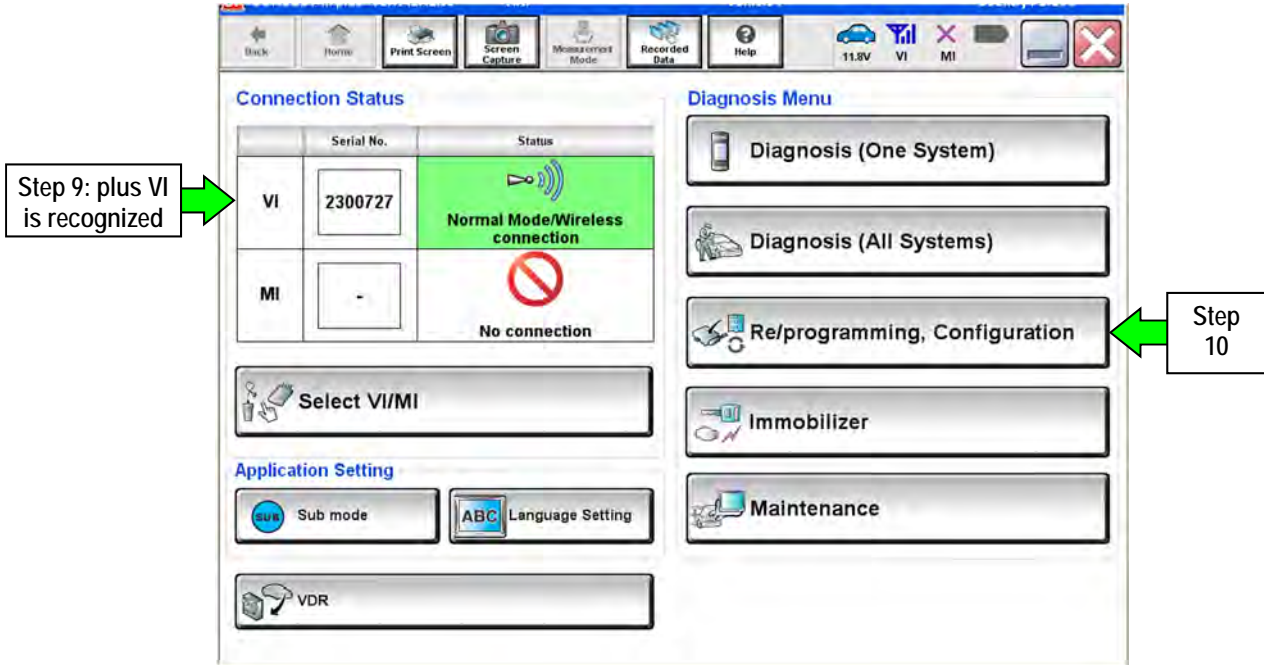
10. Select **Re/programming**, **Configuration**.

Figure 1

11. Use arrows (if needed) to view and read all precautions.

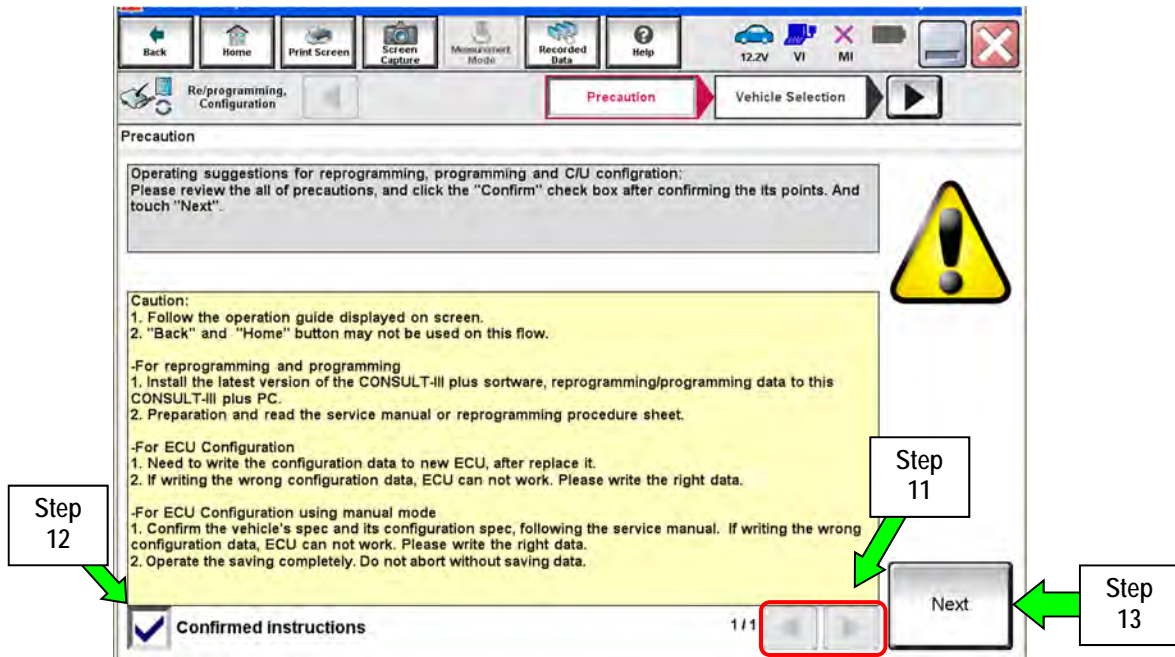12. Check the box confirming the precautions have been read.

13. Select **Next**.

Figure 2

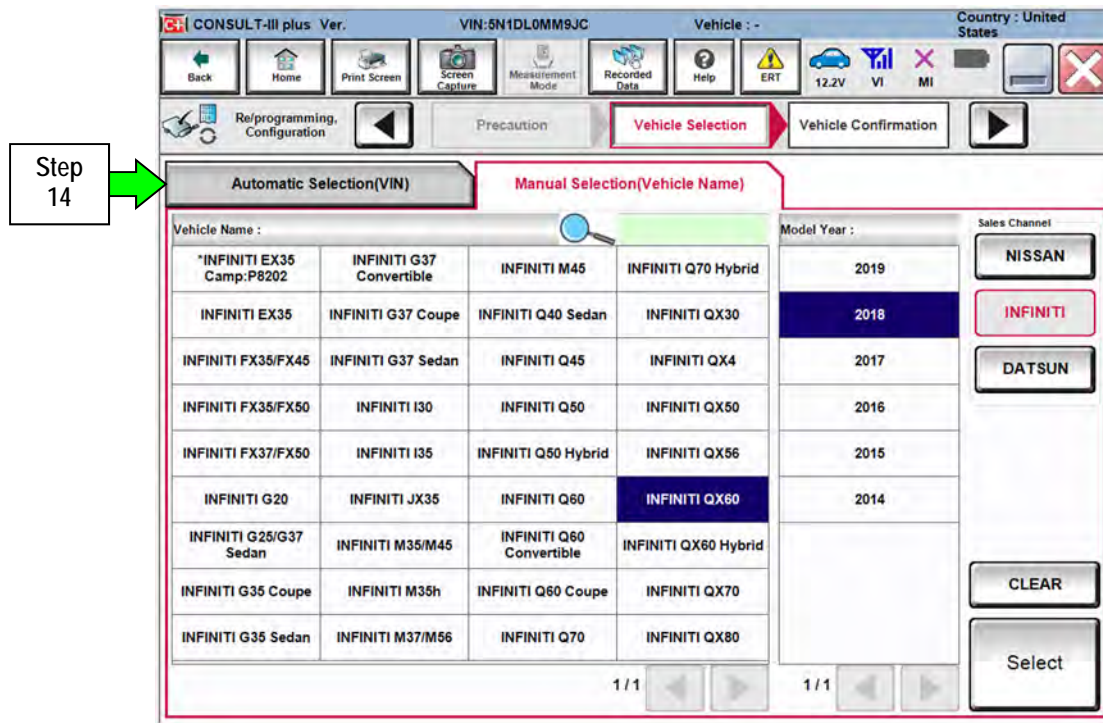14. Select **Automatic Selection(VIN)**.

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

Figure 3

15. Make sure **VIN or Chassis #** matches the vehicle's Vehicle Identification Number (VIN).

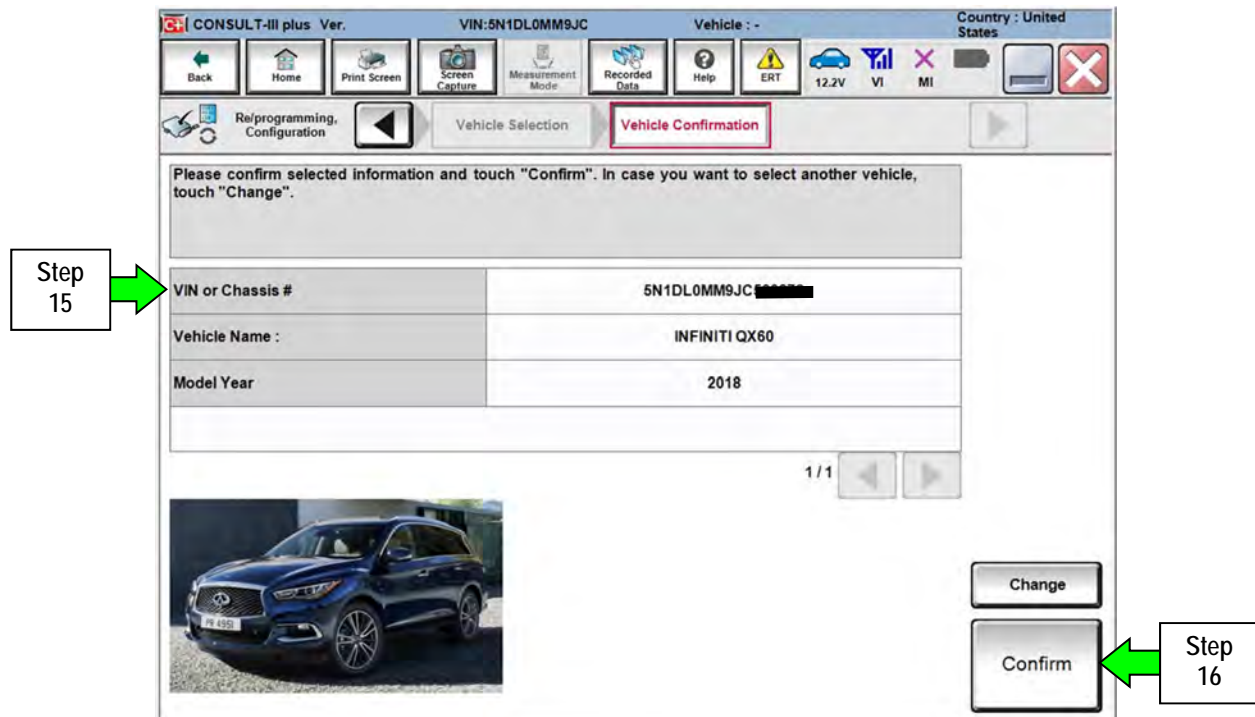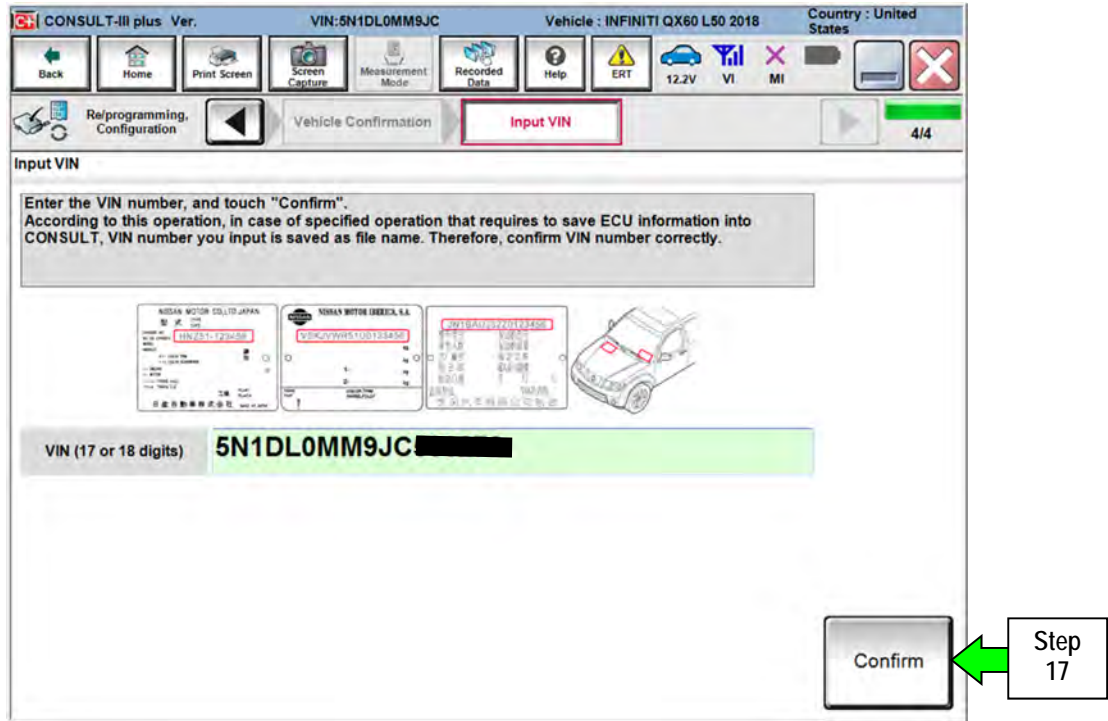16. If the correct VIN is displayed, select **Confirm**.

Figure 4

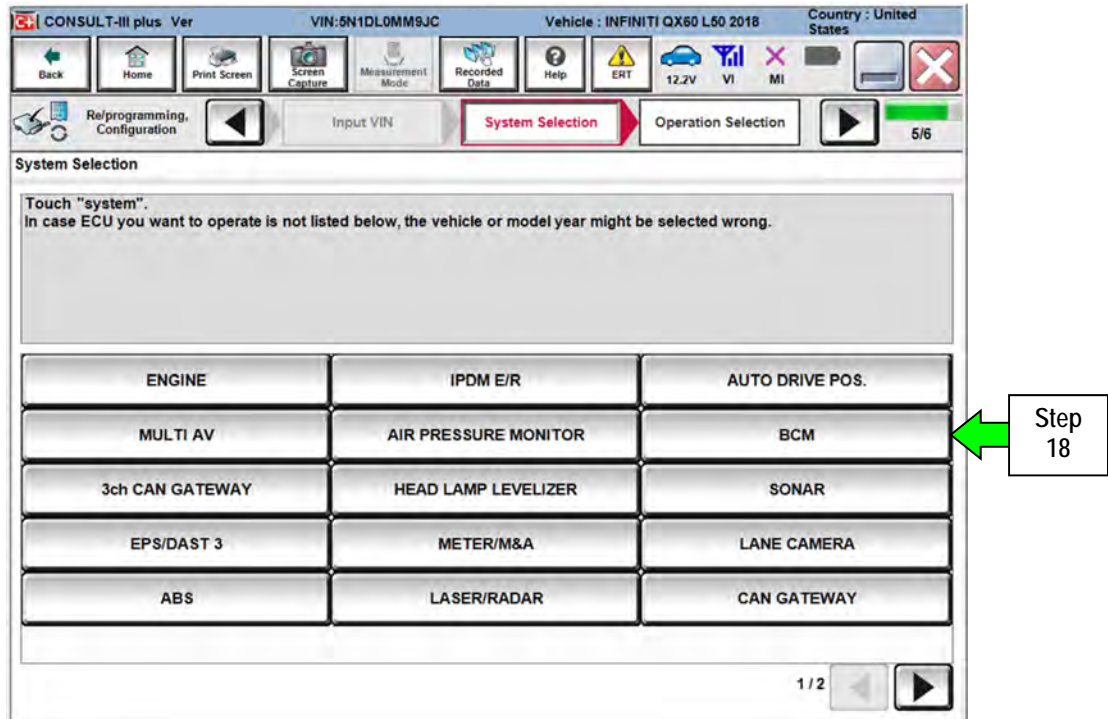17. Select **Confirm**.

Figure 5

18. Select **BCM**.

Figure 6
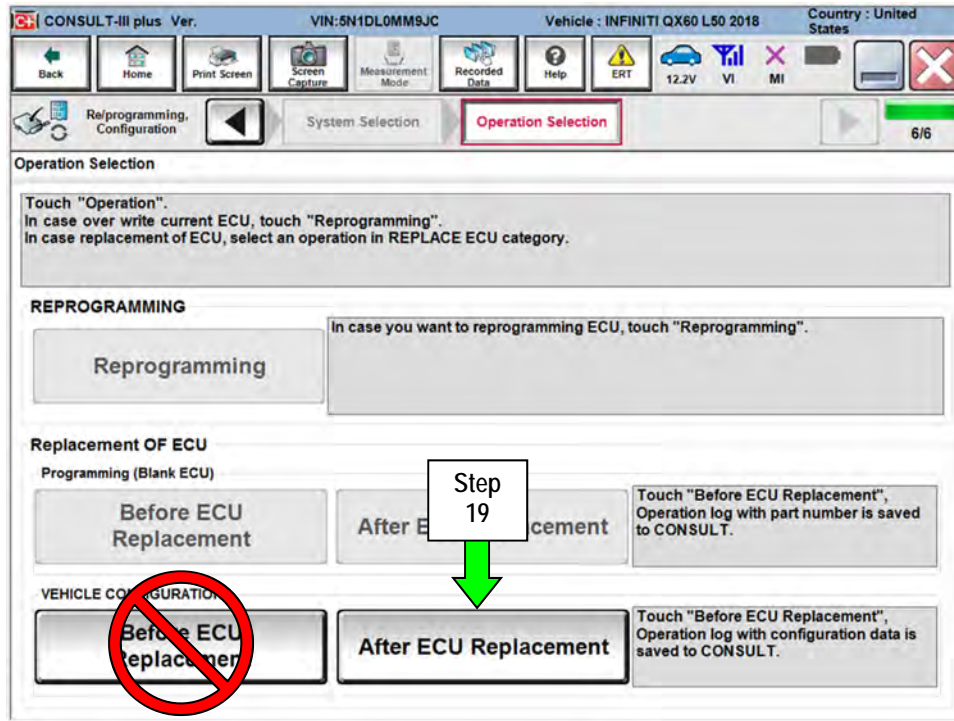
19. Select **After ECU Replacement**.
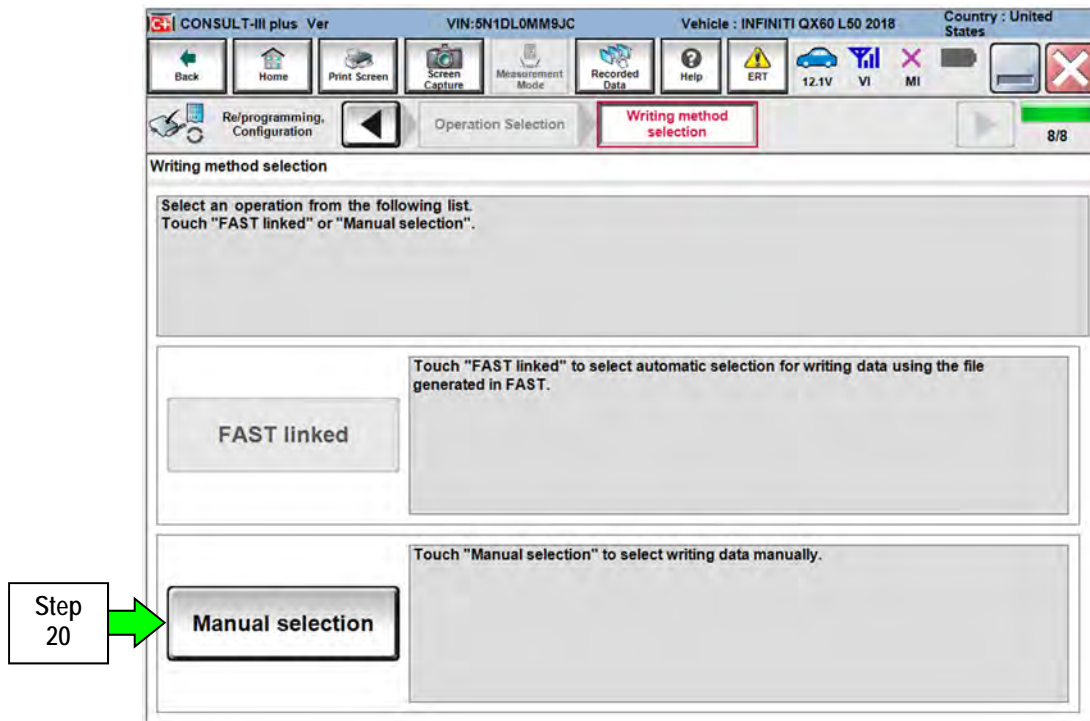

Figure 7

20. Select **Manual selection**.

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**.

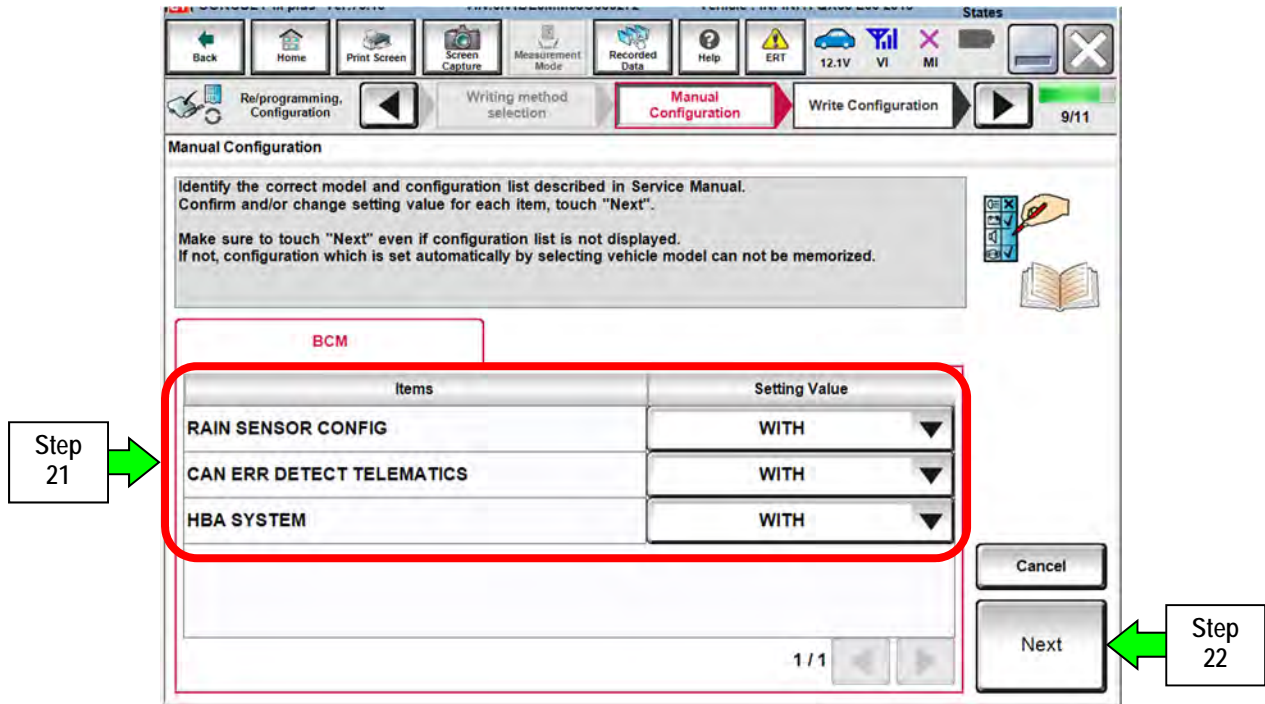Figure 9

23. Select **Next**.
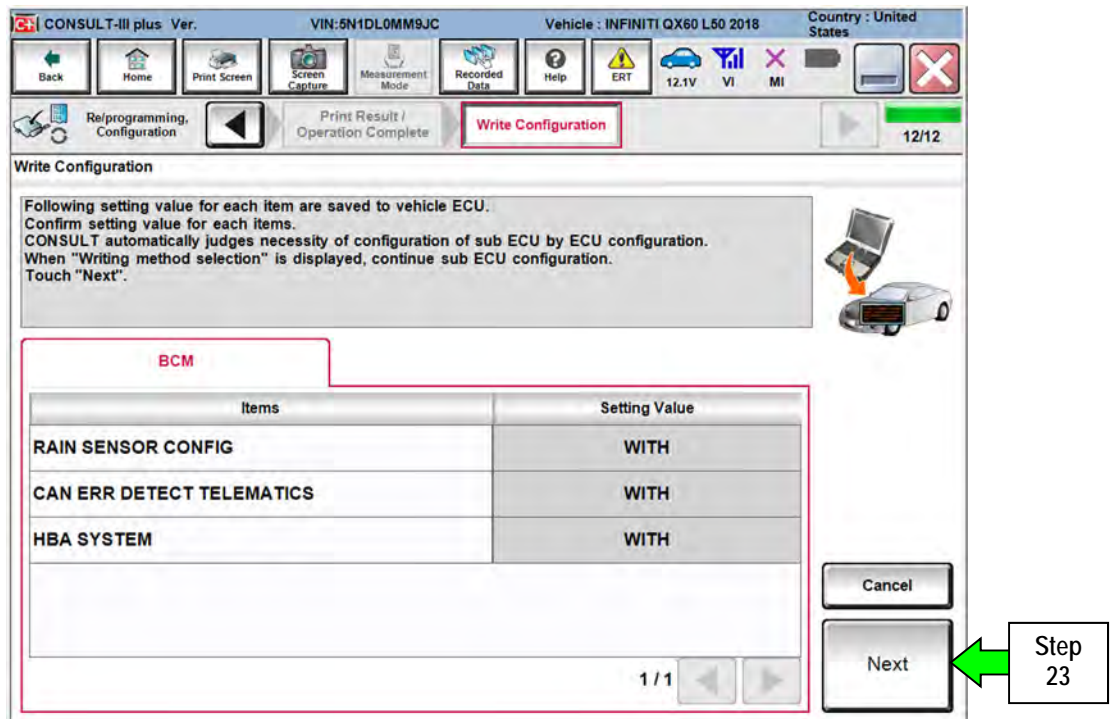

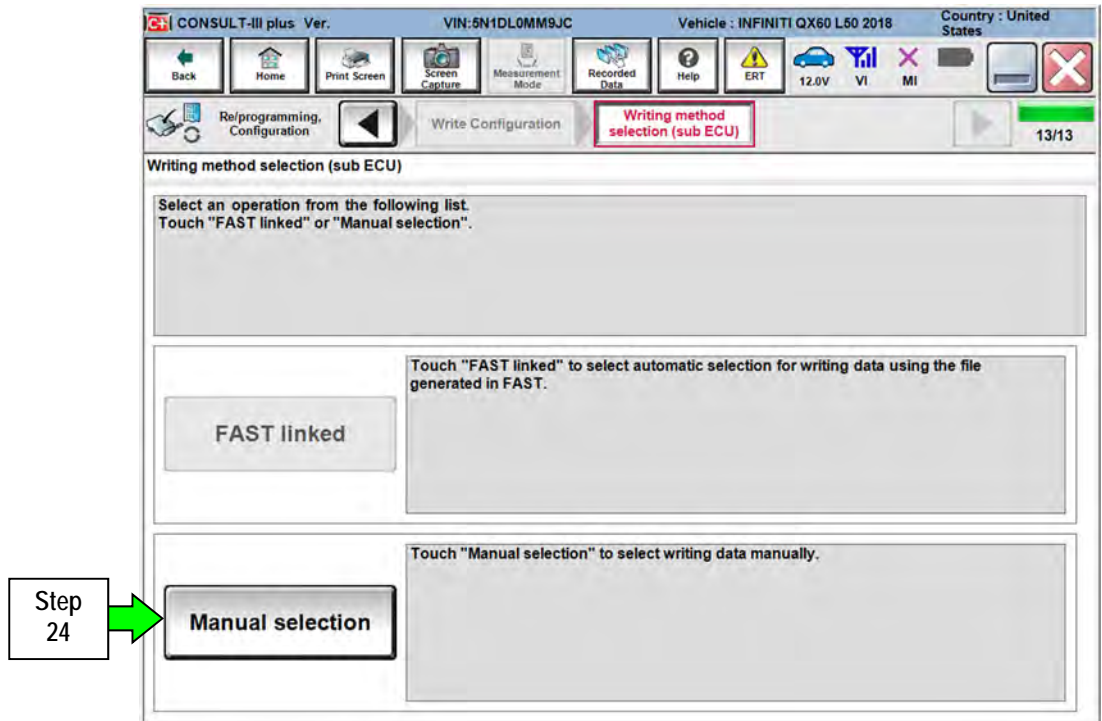Figure 10

24. Select **Manual selection**.

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**
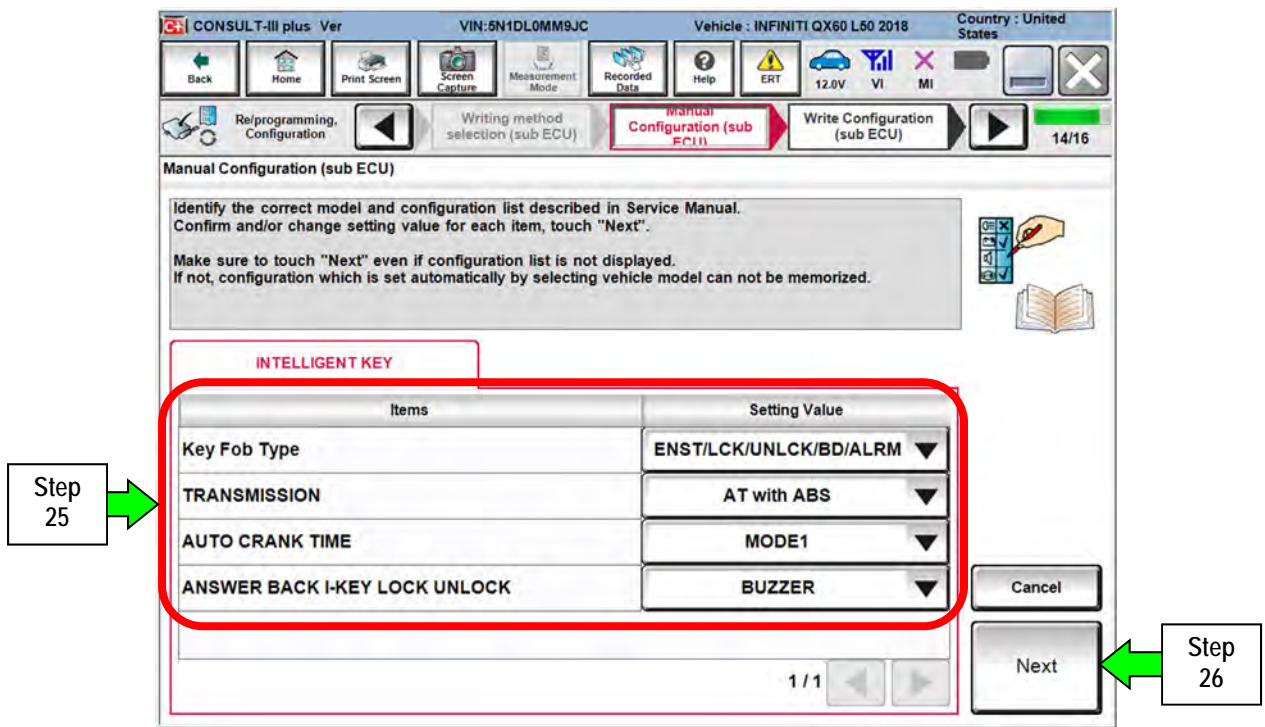
26. Select **Next**.

Figure 12
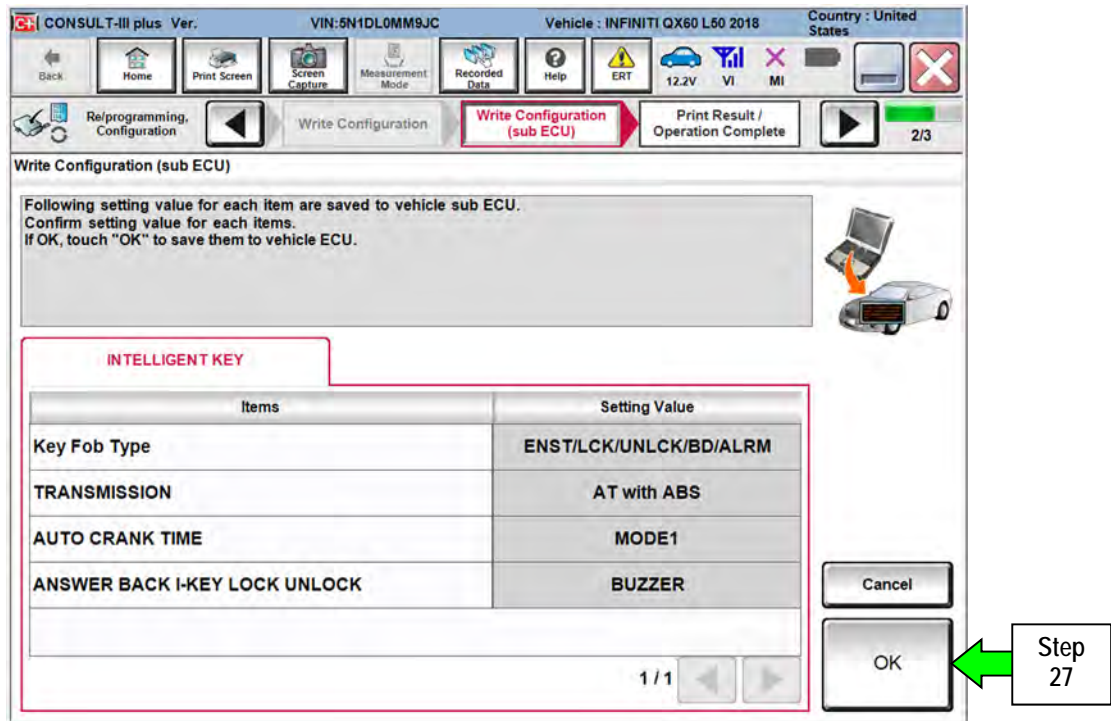
27. Select **OK**.

Figure 13

28. Select **End**.
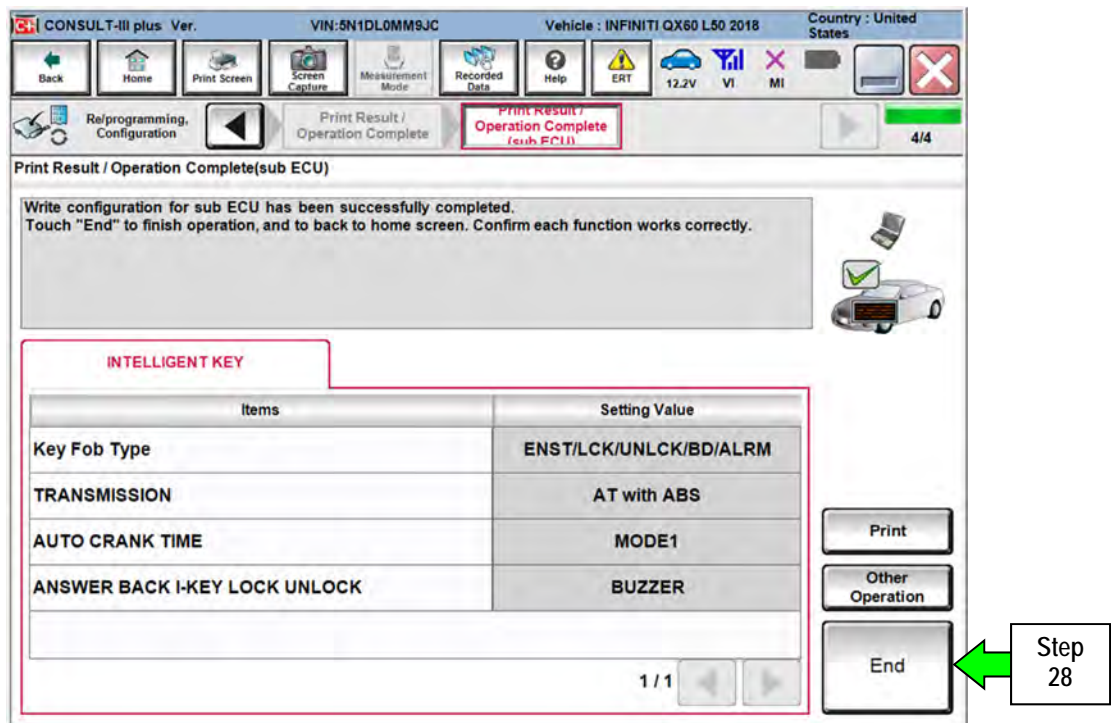

Figure 14

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-*****).