

Classification:

Reference:

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Date:

EC19-017a

ITB19-012a

November 14, 2019

MIL ON WITH DTC P0448

This bulletin has been amended. See AMENDMENT HISTORY on the last page.
Please discard previous versions of this bulletin.

APPLIED VEHICLES:

- 2019 Q50 (V37)
- 2019 Q60 (CV37)
- 2019 QX50 (J55)

IF YOU CONFIRM

The Malfunction Indicator Light (MIL) is ON with DTC P0448 (EVAP canister vent control valve) stored.

ACTION

Reprogram the ECM, if applicable.

IMPORTANT: The purpose of ACTION (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire SERVICE PROCEDURE as it contains information that is essential to successfully completing this repair.

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

Reprogram the ECM

IMPORTANT: Before starting the reprogramming procedure, make sure:

- ASSIST 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).

NOTE:

- If you are not familiar with the reprogramming procedure, *click here*. This will link you to the "CONSULT- III plus (C-III plus) ECM Reprogramming" general procedure.
- 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.



Figure A

CAUTION:

- Connect a battery maintainer or smart charger set to reflash mode or a similar setting. If the vehicle battery voltage drops below 12.0V or above 15.5V during reprogramming, the ECM may be damaged.
- Be sure to turn OFF all vehicle electrical loads. If a vehicle electrical load remains ON, the ECM may be damaged.
- Be sure to connect the AC Adapter. If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and the ECM may be damaged.
- 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 the ECM may be damaged.

1. Using C-III plus, confirm the current ECM part number and write it on the repair order.
 - If it matches one of the part numbers in Table A, reprogram the ECM.
 - If it does not match any of the part numbers in Table A, this bulletin does not apply. Go back to ASIST for further diagnostic and repair information.

Table A

MODEL	CURRENT ECM PART NUMBER: 23710-
2019 Q50	4GJ0A, 4GJ1A, 4GJ2A, 4GJ3A, 4GJ4A, 4GJ5A, 4GJ6A, 4GJ7A, 4GJ8A, 4GJ09A
	4GK0A, 4GK1A, 4GK2A, 4GK3A, 4GK4A, 4GK5A, 4GK6A, 4GK7A, 4GK8A, 4GK9A
2019 Q60	5CR0A, 5CR1A, 5CR2A, 5CR3A, 5CR4A, 5CR5A, 5CR6A, 5CR7A, 5CR8A, 5CR9A
	5CS0A, 5CS1A, 5CS2A, 5CS3A, 5CS4A, 5CS5A, 5CS6A, 5CS7A
	5CT0A, 5CT1A
2019 QX50	5NE0A, 5NE1A, 5NE2A, 5NE3A, 5NE4A, 5NE5A, 5NE6A, 5NE7A, 5NE8A
	5NL0D, 5NL1D, 5NL2D, 5NL3D, 5NL4D, 5NL5D, 5NL6D, 5NL7D, 5NL8D
	5NL0E, 5NL1E, 5NL2E, 5NL3E, 5NL4E, 5NL5E, 5NL6E, 5NL7E, 5NL8E

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Reprogram ECM	(1)	DE97AA	HD	32	(2)

- (1) Reference the electronic parts catalog and use ECM part number (23703-*****) as the Primary Failed Part (PFP).
- (2) Reference the current Infiniti Warranty Flat Rate Manual and use the indicated Flat Rate Time (FRT).

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
May 3, 2019	ITB19-012	Original bulletin published
November 14, 2019	ITB19-012a	APPLIED VEHICLES section and Table A revised