

Classification:

EC21-022

Reference:

ITB21-027

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Date:

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## MIL ON WITH DTC P11A7 STORED IN THE ECM

**APPLIED VEHICLES:**            2020 QX50 (J55)

### IF YOU CONFIRM

The MIL is ON and DTC P11A7 (VCR STOPPER POSITION) is stored in the ECM.

### HINT:

There may also be a lack of power concern (fail-safe).

### ACTION

1.        Confirm the current ECM part number.
2.        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

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 1**, continue to step 2 on page 3.
  - If it does not match one of the part numbers in **Table 1**, this bulletin does not apply. Go back to ASIST for further diagnostic and repair information.

Table 1

MODEL	YEAR	CURRENT ECM PART NUMBER: 23710-
QX50	2020	5NC9A
		5VG1B, 5VG1C, 5VG1D
		5VG2B, 5VG2C, 5VG2D
		5VG3C, 5VG3D, 5VG3E
		5VG4C, 5VG4D, 5VG4E
		5VG5D, 5VG5E
		5VG6B, 5VG6C, 5VG6D
		5VG7B, 5VG7C, 5VG7D
		5VG8B, 5VG8C, 5VG8D

## NOTICE

Perform the following before starting the reprogramming procedure to prevent damage to the control unit.

- Connect the AC Adapter to the CONSULT PC.
- Connect the CONSULT PC to the Internet via Wi-Fi or a network cable.
- Ensure ASIST on the CONSULT PC has been synchronized (updated) to the current date and all C-III plus software updates (if any) have been installed.
- 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 or VI during reprogramming, the reprogramming may be interrupted.
- Turn OFF all vehicle electrical loads.
- Turn ON the hazard warning lamps.
- Connect a battery maintainer or smart charger, set to reflash mode or a similar setting, to ensure the battery voltage stays between 12.0 V and 15.5 V.

## HINT:

- 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 Learning conditions:
  - Engine coolant temperature: 70 - 100°C (158 - 212°F)
  - Battery voltage: More than 12.9 V (At idle)
  - Transmission: Warmed up
- When reprogramming is complete, you will be required to perform **Throttle Valve Closed Position, Idle Air Volume Learning, Accelerator Closed Position, and DTC Erase**.

2. Reprogram the ECM.
3. After completing **Erase All DTCs**, print a copy of the C-III plus screen showing the before and after part numbers of the control unit and attach it to the repair order.

**CLAIMS INFORMATION**

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

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

- (1) Reference the electronic parts catalog and use the 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
December 8, 2021	ITB21-027	Original bulletin published