

Classification:

EC19-012

Reference:

ITB19-004

COPYRIGHT© NISSAN NORTH AMERICA, INC.  
Date:

February 27, 2019

## 2019 Q70 WITH 6-CYL ENGINE; LACK OF POWER AFTER STARTING DURING A COLD SOAK

**APPLIED VEHICLES:** 2019 Q70 (Y51)**APPLIED ENGINE:** VQ37VHR (6-Cyl)

### IF YOU CONFIRM

After the vehicle has sat for at least six hours, there is a lack of power on acceleration just after starting.

And

There are no engine control related DTCs.

### ACTION

1. Compare the vehicle's ECM part number to the ones listed in **Table A**.
2. If there is a match, reprogram the ECM.

**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 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, it is required to perform Throttle Valve Closed Position, Idle Air Volume Learn, Accelerator Closed Position, and DTC Erase.



Figure 1

### CAUTION:

- Connect the GR8 to the 12V battery and select ECM Power Supply Mode. 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 plus VI. If Bluetooth® signal waves are within range of the CONSULT PC and the plus VI 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**, below, reprogram the ECM.
  - If it does not match any of the part numbers in **Table A**, go back to ASIST for further diagnostic and repair information.

**Table A**

MODEL	CURRENT ECM PART NUMBER: 23710-		
2019 Q70 with 6-Cyl Engine	5UX6A	5UX6B	5UX6C
	5UX7A	5UX7B	5UX7C
	5UX8A	5UX8B	5UX8C
	5UX9A	5UX9B	5UX9C
	5UY4A	5UY4B	5UY4C
	5UY5A	5UY5B	5UY5C
	5UY6A	5UY6B	5UY6C
	5UY7A	5UY7B	5UY7C

2. 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 (EPC), and use the Engine Control Module (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
February 27, 2019	ITB19-004	Original bulletin published