

Classification:

EC19-036

Reference:

ITB19-045

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Date:

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## MIL ON WITH DTC P0315 STORED

**APPLIED VEHICLES:** 2019 Q70 (Y51)**APPLIED ENGINE:** VQ37VHR

### IF YOU CONFIRM

The MIL is ON with DTC P0315 (CKP SENSOR [POS]) stored in the ECM,

AND

There are no drivability issues.

### ACTION

1. Refer to step 1 on page 2 to confirm this bulletin applies to the vehicle you are working on.
2. If this bulletin applies, 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

- 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.
  - If it does not match any 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-   |
|-------|------|--|
| Q70   | 2019 | 5UX6A, 5UX6B, 5UX6C, 5UX6D<br>5UX7A, 5UX7B, 5UX7C, 5UX7D<br>5UX8A, 5UX8B, 5UX8C, 5UX8D<br>5UX9A, 5UX9B, 5UX9C, 5UX9D<br>5UY4A, 5UY4B, 5UY4C, 5UY4D<br>5UY5A, 5UY5B, 5UY5C, 5UY5D<br>5UY6A, 5UY6B, 5UY6C, 5UY6D<br>5UY7A, 5UY7B, 5UY7C, 5UY7D |

### 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 18, 2019 | ITB19-045 | Original bulletin published |

