


MIL "ON" DTC P2610

Service Category Engine/Hybrid System

Section Engine Control

Market USA

Scion Supports
ASE Certification 

Applicability

| YEAR(S) | MODEL(S) | ADDITIONAL INFORMATION |
|---------|----------|------------------------|
| 2015 | iQ | |

Introduction

Some 2015 model year iQ vehicles may exhibit a MIL "ON" condition with Diagnostic Trouble Code (DTC) P2610 (Engine Off Timer Performance) present. The Engine Control Module/ECM (SAE term: Powertrain Control Module/PCM) logic has been modified to reduce the possibility of this condition. Follow the Repair Procedure below to address this condition.

Warranty Information

| OP CODE | DESCRIPTION | TIME | OFF | T1 | T2 |
|---------|---------------------|------|-------------|----|----|
| EG1702 | Reprogram ECM (PCM) | 0.4 | 89661-74470 | 8A | 99 |

APPLICABLE WARRANTY

- This repair is covered under the Toyota Federal Emission Warranty. This warranty is in effect 96 months or 80,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

Parts Information

| PART NUMBER | | PART NAME | QTY |
|-----------------|-------------|------------------------------------|-----|
| PREVIOUS | NEW | | |
| 89661-74470 | 89661-74471 | Computer, Engine Control (ECM/PCM) | – |
| 00451-00001-LBL | | Authorized Modification Labels | 1 |

NOTE

- The ECM (PCM) should NOT be replaced as part of the Repair Procedure.
- Authorized Modification Labels may be ordered in packages of 25 from the Materials Distribution Center (MDC) through *Dealer Daily – Parts – Dealer Support Materials Orders*.

MIL "ON" DTC P2610

Required Tools & Equipment

| REQUIRED EQUIPMENT | SUPPLIER | PART NUMBER | QTY |
|-------------------------------|----------|--------------|-----|
| Techstream 2.0* | ADE | TS2UNIT | 1 |
| Techstream Lite | | TSLITEPDLR01 | |
| Techstream Lite (Green Cable) | | TSLP2DLR01 | |

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 12.20.024 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.
- Use Techstream or an approved J2534 interface to perform flash reprogramming updates. Visit techinfo.toyota.com for more information regarding J2534 reprogramming.

| SPECIAL SERVICETOOLS (SST) | PART NUMBER | QTY |
|---------------------------------|-----------------------------|-----|
| GR8 Battery Diagnostic Station* | 00002-MCGR8 | 1 |

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

* Essential SST.

Calibration Information

| MODEL | ENGINE | CALIBRATION ID | |
|-------|--------|----------------|--------------------------|
| | | PREVIOUS | NEW |
| iQ | 1NR-FE | 37424000 | 37424100 |

Repair Procedure

1. Using Techstream, check for the following stored DTC:
P2610 – Engine Off Timer Performance.
Is the DTC present?
 - **YES** — Continue to step 2.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

MIL "ON" DTC P2610

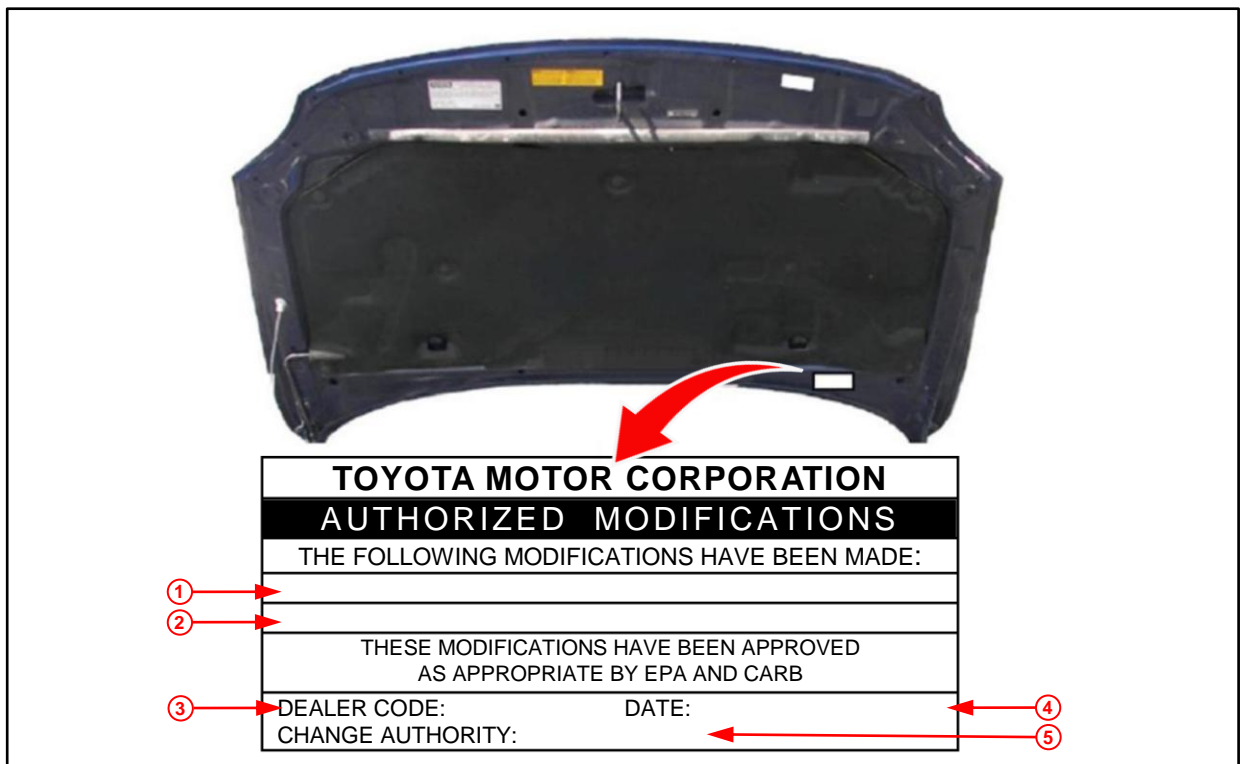
Repair Procedure (Continued)

2. Check for the Authorized Modifications Label affixed to the vehicle in the location shown below. Confirm if the ECM (PCM) calibration has been updated.

Is the calibration ID listed the latest ECM (PCM) calibration?

- **YES** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
- **NO** — Continue to step 3.

Figure 1. Location of Authorized Modifications Label for 2015 iQ



| | |
|----------|---|
| 1 | Replacement ECM (PCM) Part Number (i.e., 89661-74471) |
| 2 | New Calibration ID(s) (i.e., 37424100) |
| 3 | Dealer Code |

| | |
|----------|----------------|
| 4 | Date Completed |
| 5 | This SB Number |

MIL "ON" DTC P2610

Repair Procedure (Continued)

- Flash reprogram the ECM (PCM).

NOTE

- The GR8 Battery Diagnostic Station **MUST** be used in Power Supply Mode to maintain battery voltage at 13.5V while flash reprogramming the vehicle.
- For details on how to use the GR8 Battery Diagnostic Station, refer to the "[GR8 Instruction Manual](#)" located on the Technical Information System (TIS), *Diagnostics – Tools & Equipment – Battery Diagnostics*.

Follow the procedures outlined in the Service Bulletin [S-SB-0015-14](#), "Techstream ECU Flash Reprogramming Procedure," and flash the ECM (PCM) with the NEW calibration file update.

- Prepare and install the Authorized Modifications Label.
 - Using a permanent marker, enter the following information on the label:
 - ECM (PCM) part number [Refer to the **Parts Information** section for the **NEW PART NUMBER**]
 - Calibration ID(s) [Refer to the **Calibration Information** section for the **NEW CALIBRATION ID**]
 - Dealer Code
 - Repair Date
 - Change Authority [**This bulletin number**]
 - Install the Authorized Modifications Label to the vehicle at the location shown in Figure 1. The Authorized Modifications Label is available through the MDC, P/N 00451-00001-LBL.
- Test drive the vehicle to confirm proper vehicle operation.