


# 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
2016	iM	

## Introduction

Some 2016 model year iM 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	DRIVETRAIN	OFF	T1	T2
EG1718	Reprogram ECM (PCM)	0.4	CVT	89661-0W170 89661-0W171	8A	99
			MT	89661-0W180		

### APPLICABLE WARRANTY

- This repair is covered under the Toyota Federal Emission Warranty. This warranty is in effect for 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.

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### Parts Information

DRIVETRAIN	PART NUMBER		PART NAME	QTY
	PREVIOUS	NEW		
CVT	89661-0W170 89661-0W171	89661-0W172	Computer, Engine Control (ECM/PCM)	-
MT	89661-0W180	89661-0W181		
-	00451-00001-LBL		Authorized Modifications Labels	1

**NOTE**

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

### Required Tools & Equipment

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

\* Essential SST.

**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](http://techinfo.toyota.com) for more information regarding J2534 reprogramming.

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
GR8 Battery Diagnostic Station*	<a href="#">00002-MCGR8</a>	1

\* Essential SST.

**NOTE**

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

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### Calibration Information

DRIVETRAIN	CALIBRATION ID	
	PREVIOUS	NEW
CVT	30W01000 30W01100	<a href="#">30W01200</a>
MT	30W02000	<a href="#">30W02100</a>

### Repair Procedure

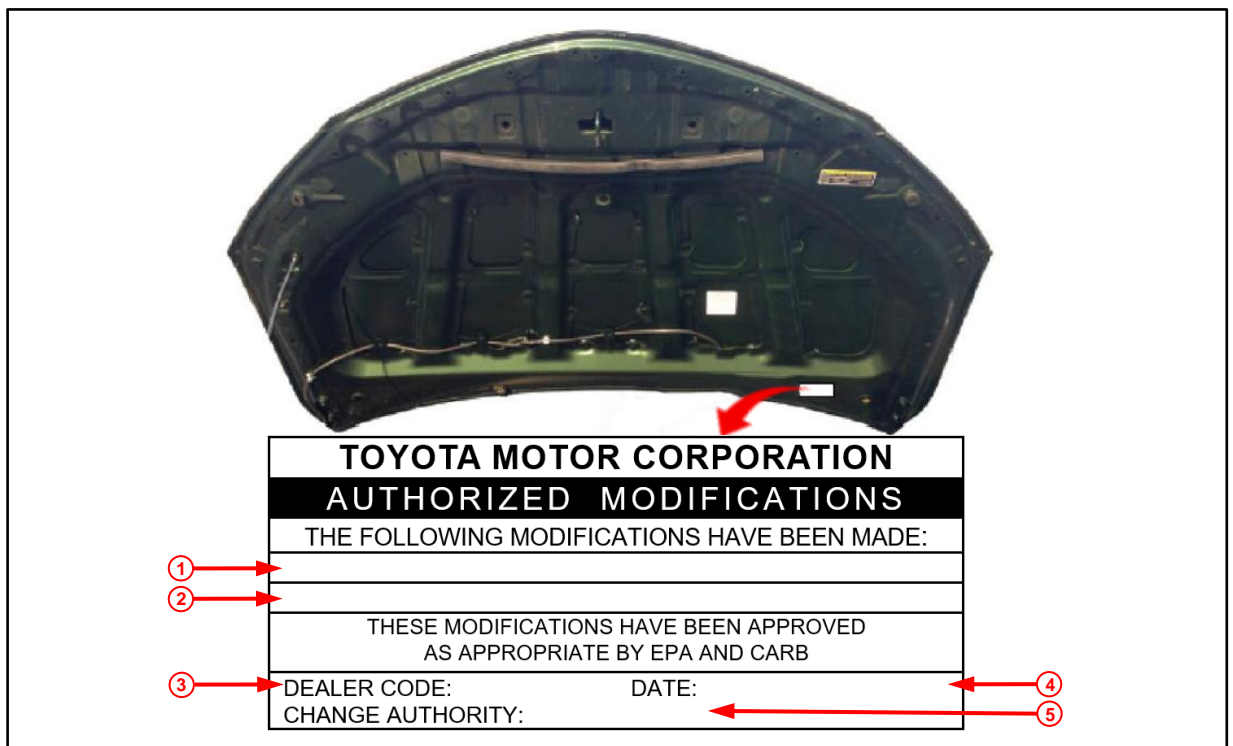
- Using Techstream, check for the following stored DTC:  
P2610 – Engine Off Timer Performance.  
Is the DTC present?
  - YES** — Continue to step 2.
  - NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

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## 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 2016 iM**



<b>1</b>	<b>Replacement ECM (PCM) Part Number (e.g., 89661-0W172)</b>
<b>2</b>	<b>New Calibration ID (e.g., 30W01200)</b>
<b>3</b>	<b>Dealer Code</b>

<b>4</b>	<b>Date Completed</b>
<b>5</b>	<b>This SB Number</b>

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### 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 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.