

MIL "ON" DTC P2610

Service Category

Section Engine Control

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2014 - 2016	CT200H	

Introduction

Some 2014 – 2016 model year CT 200h vehicles may exhibit a MIL "ON" condition with Diagnostic Trouble Code (DTC) P2610 (ECM/PCM Engine Off Timer Performance) present. The Engine Control Module (ECM) 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	MODEL YEAR	OFP	T1	T2
EG1622	Reprogram ECM (PCM)	0.4	2014	89660-76080	8A	99
			2015 – 2016	89660-76170		

APPLICABLE WARRANTY

- This repair is covered under the Lexus 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

MODEL YEAR	PART NUMBER		PART NAME	QTY
	PREVIOUS	NEW		
2014	89660-76080	89660-76081	Computer, Engine Control (ECM)	–
2015 – 2016	89660-76170	89660-76171		
–	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 – Dealer Support Materials Orders*.

Required Tools & Equipment

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

NOTE

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

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 11.10.034 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.
- The Diagnostic Tester is NOT recommended for flash reprogramming. Please use Techstream or an approved J2534 interface to perform flash reprogramming updates. Visit techinfo.toyota.com for more information regarding J2534 reprogramming.



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Calibration Information

MODEL YEAR	CALIBRATION ID	
	PREVIOUS	NEW
2014	37608000	37608100
2015 – 2016	37616000	37616100

Repair Procedure

1. Using Techstream, check for the following stored DTC.
DTC P2610 – ECM/PCM Engine Off Timer Performance
Is the DTC present?
 - **YES** – Go to step 2.
 - **NO** – This bulletin does NOT apply. Continue diagnosis per the 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 NOT the latest ECM (PCM) calibration?
 - **YES** – Go to step 3.
 - **NO** – This bulletin does NOT apply. Disregard this Service Bulletin and continue diagnosis per the Repair Manual.

Figure 1. Location of Authorized Modification Label for 2014 – 2016 CT 200h

TOYOTA MOTOR CORPORATION	
AUTHORIZED MODIFICATIONS	
THE FOLLOWING MODIFICATIONS HAVE BEEN MADE:	
①	
②	
THESE MODIFICATIONS HAVE BEEN APPROVED AS APPROPRIATE BY EPA AND CARB	
③	DEALER CODE:
	DATE:
	CHANGE AUTHORITY:
	④
	⑤

1	Replacement ECM (PCM) Part Number (i.e., 89660-76081 or 89660-76171)
2	New Calibration ID (i.e., 37608100 or 37616100)
3	Dealer Code

4	Date Completed
5	This SB Number

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Repair Procedure (Continued)

3. Flash reprogram the ECM (PCM).

NOTE

- The GR8 Battery Diagnostic Station **MUST** be used in Power Supply Mode to maintain battery voltage at 13.5 volts while flash reprogramming 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 No. [L-SB-0021-14](#), "Techstream ECU Flash Reprogramming Procedure," and flash the ECM (PCM) with the NEW calibration file update.

4. Install the Authorized Modifications Label.
 - A. Using a permanent marker, enter the following information on the label:
 - ECM 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**]
 - B. Affix 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.
5. Test drive the vehicle to confirm proper vehicle operation.