

MIL ON DTC P011B

Service Category Engine/Hybrid System

Section Engine Control

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2015	4Runner, Tacoma	VDS(s): BU5JR, JU4GN, KU4HN, LU4EN, MU4FN, TU4GN, UU4EN, ZU5JR Engine(s): 1GR Drive Type(s): 4WD, 2WD Plant Code(s): 5

Introduction

Some 2015 model year Tacoma and 4Runner vehicles equipped with a 1GR-FE engine may exhibit a MIL "ON" condition with Diagnostic Trouble Code (DTC) P011B - Engine Coolant Temperature / Intake Air Temperature Correlation – when no part malfunction is present. The Engine Control Module/ECM (SAE term: Powertrain Control Module/PCM) logic has been modified to reduce the possibility of this condition occurring. Use the following repair procedure to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
EG1513	Recalibrate ECM (PCM) Engine	0.4	89661-04J80 89661-04K00 89661-35M60 89661-35M70		

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.

MIL ON DTC P011B

Calibration Information

MODEL	MODEL YEAR	ENGINE	DRIVETRAIN	TRANSMISSION	CALIBRATION ID	
					PREVIOUS	NEW
4Runner	2015	1GR-FE	2WD	5AT	335E3000	335E3100
			4WD	5AT	335E4000	335E4100
Tacoma			2WD	AT	304A3000	304A3100
			4WD			
			4WD	MT		

Required Tools & Equipment

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

* Essential SST.

NOTE

- Only **ONE** of the Techstream units listed above is required.
- Software version 10.30.029 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.



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.

* Essential SST.

MIL ON DTC P011B

Parts Information

MODEL	DRIVETRAIN	TRANSMISSION	PART NUMBER		PART NAME	Qty
			PREVIOUS	NEW		
Tacoma	4WD	5AT	89661-04J80	89661-04J81	Computer, Engine Control (ECM/PCM)	1
	PreRunner					1
	4WD	6MT	89661-04K00	89661-04K01		1
4Runner	2WD	5AT	89661-35M60	89661-35M61		1
	4WD		89661-35M70	89661-35M71		1

PART NUMBER	PART NAME	QTY
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*.

Repair Procedure

1. Confirm the condition.

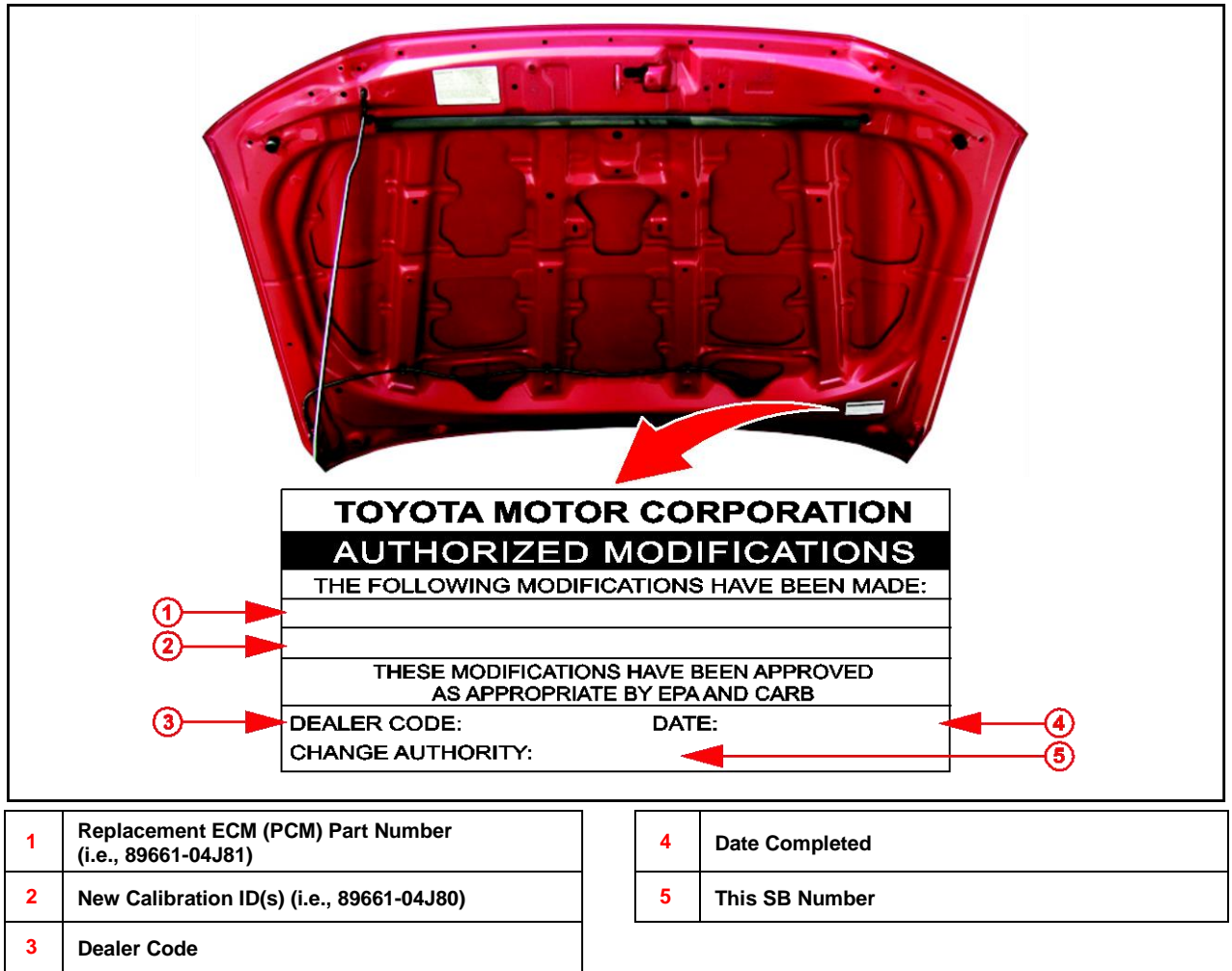
Is the MIL "on" with DTC P011B present

 - **YES** — Go to step 2.
 - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.
2. Check for an Authorized Modification Label affixed to the vehicle in the location shown in Figure 1. Confirm the ECM Cal ID has been updated. If the calibration ID listed is NOT the latest ECM Calibration or no label is found – go to step 3.

MIL ON DTC P011B

Repair Procedure (Continued)

Figure 1. Location of Authorized Modifications Label on 2015 Tacoma and 4Runner



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 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 – Battery.

Follow the procedures outlined in Service Bulletin No. [T-SB-0012-13](#), “Techstream ECU Flash Reprogramming Procedure,” and flash the ECM (PCM) with the NEW calibration file update.

MIL ON DTC P011B

Repair Procedure (Continued)

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**]

5. Test drive to confirm the repair.