

MIL "ON" DTC P261B or P261C - Coolant Pump Control Malfunction

Service Category Engine/Hybrid System

Section Cooling

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2010	Prius	

Introduction

Some vehicles may exhibit a MIL "ON" condition with one or more of the following Diagnostic Trouble Codes (DTCs):

- P261B – Engine Coolant Pump "B" Control Malfunction
- P261C – Engine Coolant Pump "B" Control Circuit Low

Improvements have been made to the electric water pump to correct this condition.

Production Change Information

This TSB applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	PLANT	PRODUCTION CHANGE EFFECTIVE VIN*
Prius	Tsutsumi 1	JTDKN3DU#A <u>0</u> 108813
	Tsutsumi 2	JTDKN3DU#A <u>1</u> 140374
	Toyota Auto Body	JTDKN3DU#A <u>5</u> 106915

* Underlined number in VIN (11th digit) represents assembly plant line code.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
161011	R & R Water Pump Assembly	1.0	161A0-39015	8A	99

APPLICABLE WARRANTY

- This repair is covered under the Toyota Powertrain Warranty. This warranty is in effect for 60 months or 60,000 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

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
161A0-39015	Same	Pump Assembly, Electric Water	1

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
TIS Techstream* or Techstream Lite NOTE: Software version 5.00.028 or later is required.	ADE	TSPKG1 or TSLITEDLR01	1

* Essential SST.

NOTE

Additional TIS Techstream or Techstream Lite units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

Repair Procedure

1. Using TIS Techstream, check for Diagnostic Trouble Codes (DTCs).
 2. Are DTCs P261B or P261C present?
 - **YES** — Continue to step 3.
 - **NO** — Diagnose other DTC(s) first.
 3. Disconnect the water pump assembly connector.
 4. Turn the power switch ON (IG).
 5. Measure the voltage at D13-1 to body ground.
 6. Is there battery voltage?
 - **YES** — Go to step 7.
 - **NO** — This TSB does NOT apply. Refer to the Repair Manual for additional diagnostics.
- Refer to the Technical Information System (TIS), 2010 model year Prius Repair Manual:
- [Engine/Hybrid System – Engine Control – “2ZR-FXE Engine Control: SFI System: P261B-P261D: Coolant Pump “B” Control Malfunction”](#)

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Repair Procedure (Continued)

7. Replace the electric water pump.

Refer to TIS, 2010 model year Prius Repair Manual:

- *Engine/Hybrid System – Cooling – “2ZR-FXE Cooling: Water Pump: [Removal](#) / [Installation](#)”*

8. Clear DTCs and confirm repair.