

# MIL "ON" DTC P2111 and P0A0F

Service  
 Category Engine/Hybrid System

Section Engine Mechanical

Market USA

Toyota Supports  
 ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2012 – 2014	Prius PHV	
2012 – 2014	Prius V	
2010 – 2014	Prius	

### REVISION NOTICE

March 12, 2014 Rev1:

- Applicability has been updated to include 2013 – 2014 model year Prius, Prius PHV, and Prius V vehicles.
- The entire bulletin has been updated.

Any previous printed versions of this bulletin should be discarded.

## Introduction

Some 2010 – 2014 model year Prius, Prius PHV, and Prius V vehicles equipped with a 2ZR-FXE engine may exhibit a MIL "ON" condition with Diagnostic Trouble Codes (DTCs) P2111 (Throttle Actuator Control System) and P0A0F (Engine Failed to Start) present when ambient temperatures are below 23°F (–5°C). The intake manifold assembly has been improved to address this condition.

## Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
17120-37050 17120-37051 17120-37052 17120-37053 17120-37054	17120-37091	Manifold Assy, Intake	1

### NOTE

If the current part number is 17120-37090, this bulletin does NOT apply. Part number 17120-37090 contains the update for the subject condition.

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**Warranty Information**

OP CODE	DESCRIPTION	MODEL	TIME	OFF	T1	T2
170011	R & R Intake Manifold Assembly	Prius	1.5	17120-37050	8A	88
		Prius PHV		17120-37051		
		Prius V	1.4	17120-37052 17120-37053 17120-37054		

**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.

**Prius/Prius PHV:**

- For California specification Prius/Prius PHV vehicles sold, registered, and operated in Arizona ('12 MY), California, Connecticut, New Mexico ('10 MY – '11 MY), Maine, Maryland ('11 MY – '14 MY), Massachusetts, New Jersey, New York, Oregon, Rhode Island, and Vermont, this repair is covered under the California Emission Warranty. This warranty is in effect for 180 months or 150,000 miles, whichever occurs first, from the vehicle's in-service date.
- For California specification Prius/Prius PHV vehicle sold, registered, and operated in Pennsylvania and Washington, Delaware ('14 MY), this repair is covered under the California Emission Control Warranty which is in effect for 84 months or 70,000 miles, whichever occurs first, from the vehicle's in-service date.

**Prius V:**

- For California specification Prius V vehicles sold, registered, and operated in Arizona ('12 MY), California, Connecticut, Delaware ('14 MY), Maine, Maryland, Massachusetts, New Jersey, Oregon, Pennsylvania, Rhode Island, Vermont, and Washington, this repair is covered under the California Emission Control Warranty which is in effect for 84 months or 70,000 miles, whichever occurs first, from the vehicle's in-service date.

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### Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*	ADE	TS2UNIT	1
TIS Techstream		TSPKG1	
Techstream Lite		TSLITEDLR01	

\* Essential SST.

#### NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 9.00.026 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

### Repair Procedure

1. Use Techstream to check for DTCs and confirm the condition per the Introduction.
2. Remove and replace the intake manifold with the updated part. Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:
  - 2010 Prius:  
*Engine/Hybrid System – Intake/Exhaust – “2ZR-FXE Intake/Exhaust: Intake Manifold: [Removal / Installation](#)”*
  - 2011 Prius:  
*Engine/Hybrid System – Intake/Exhaust – “2ZR-FXE Intake/Exhaust: Intake Manifold: [Removal / Installation](#)”*
  - 2012 Prius:  
*Engine/Hybrid System – Intake/Exhaust – “2ZR-FXE Intake/Exhaust: Intake Manifold: [Removal / Installation](#)”*
  - 2013 Prius:  
*Engine/Hybrid System – Intake/Exhaust – “2ZR-FXE Intake/Exhaust: Intake Manifold: [Removal / Installation](#)”*
  - 2014 Prius:  
*Engine/Hybrid System – Intake/Exhaust – “2ZR-FXE Intake/Exhaust: Intake Manifold: [Removal / Installation](#)”*
  - 2012 Prius PHV:  
*Engine/Hybrid System – Intake/Exhaust – “2ZR-FXE Intake/Exhaust: Intake Manifold: [Removal / Installation](#)”*



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### Repair Procedure (Continued)

- 2013 Prius PHV:  
*Engine/Hybrid System – Intake/Exhaust – “2ZR-FXE Intake/Exhaust: Intake Manifold: [Removal / Installation](#)”*
  - 2014 Prius PHV:  
*Engine/Hybrid System – Intake/Exhaust – “2ZR-FXE Intake/Exhaust: Intake Manifold: [Removal / Installation](#)”*
  - 2012 Prius V:  
*Engine/Hybrid System – Intake/Exhaust – “2ZR-FXE Intake/Exhaust: Intake Manifold: [Removal / Installation](#)”*
  - 2013 Prius V:  
*Engine/Hybrid System – Intake/Exhaust – “2ZR-FXE Intake/Exhaust: Intake Manifold: [Removal / Installation](#)”*
  - 2014 Prius V:  
*Engine/Hybrid System – Intake/Exhaust – “2ZR-FXE Intake/Exhaust: Intake Manifold: [Removal / Installation](#)”*
3. Clear the DTCs and verify normal vehicle operation.