

MIL "ON" DTC P0401 and/or Rattle After Cold Soak

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
EG1601	Reprogram Engine ECU R & R Exhaust Recirculation Valve Modify Wire Harness	2.4	25620-37120	8A	54

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.
- For California specification Prius and Prius PHV vehicles sold, registered, and operated in Arizona ('12 MY only), California, Connecticut, Maine, Maryland (starting with '11 MY), Massachusetts, New Jersey, New Mexico ('10-'11 MY only), New York, Oregon, Rhode Island, and Vermont, the Exhaust Recirculation Valve 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 and Prius PHV vehicles sold, registered, and operated in Delaware, Pennsylvania and Washington, the Exhaust Recirculation Valve 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.
- For California specification Prius V vehicles sold, registered, and operated in Arizona ('12 MY only), California, Connecticut, Maine, Maryland, Massachusetts, New Jersey, Oregon, Pennsylvania, Rhode Island, Vermont, and Washington, the Exhaust Recirculation Valve is covered under the California Emission Warranty. This warranty is in effect for 84 months or 70,000 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.

Parts Information

PART NUMBER	PART NAME	QTY
04004-58137	Kit, EGR Valve (Valve Assy, EGR) (Gasket, EGR Inlet) (Gasket, EGR Pipe) (Gasket, EGR Valve)	1
25685-37010	Gasket No. 1, EGR Cooler	1
00451-00001-LBL	Authorized Modifications Label	1

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Technical Service Bulletin



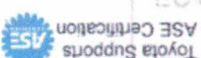
March 31, 2016

T-SB-0027-16

Service Category
Engine/Hybrid System

Section
Emission Control

Market USA



YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2010, 2012	Prius PHV	
2012	Prius V	
2010 - 2012	Prius	

SUPERSSESSION NOTICE

- The information contained in this bulletin supersedes SB No. T-SB-0075-13.
- The entire bulletin has been updated.
- Service Bulletin No. T-SB-0075-13 is Obsolete and any printed versions should be discarded.
- Be sure to review the entire content of this bulletin before proceeding.

Introduction

Some Prius, Prius V and Prius PHV vehicles may exhibit a vibration due to rough idle and/or tapping noise from the HV transaxle at cold start. The Check Engine Light may also illuminate with (DTC) P0401 (Exhaust Gas Recirculation Flow Insufficient Detected). Due to excess carbon build up at the valve assembly, the valve will stick causing the engine RPM to fluctuate. Follow the procedures in this bulletin to address this condition.

Production Change Information

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

MODEL	Engine	PRODUCTION CHANGE EFFECTIVE VIN
Prius		JTDKN3DU#C5491168
Prius V	2ZR-FXE	JTDZN3EU#C3159675
Prius PHV		JTDKN3DP#C3023590

MIL "ON" DTC P2111 and P0A0F After Cold Soak

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
00451-00001-LBL		Authorized Modifications Label	1

NOTE

- If the current part number is 17120-37090, do NOT replace intake manifold. Part number 17120-37090 contains the update for the subject condition.
- 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*.

HINT

Part Number of manifold can be found on the top of intake runner #4.

Some 2010 – 2012 model year Plus, 2012 – 2015 Plus PHV, and 2012 – 2016 Plus V vehicles equipped with a 2.5R-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 33°F (-5°C). The intake manifold assembly has been improved as well as the Engine Control Module (ECM) (SAE Term: Powertrain Control Module (PCM)) logic has been modified to reduce the possibility of this condition occurring. Follow the repair procedure in this bulletin to address this condition.

MIL "ON" DTC P2111 and P0A0F After Cold Soak

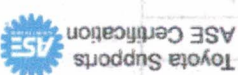
Service Category

Engine/Hybrid System

Section

Engine Mechanical

Market USA



Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2012 – 2015	Prius PHV Prius V Prius	

REVISION NOTICE

September 8, 2016 Rev2:

- Applicability has been updated to include 2015 Prius PHV, 2015 – 2016 Prius V, and 2015 Prius vehicles.
- The Introduction, Parts Information, Required Tools & Equipment, and Repair Procedure sections have been updated.
- ECU Part Information and Calibration Information Sections have been added.

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 – 2015 model year Prius, 2012 – 2015 Prius PHV, and 2012 – 2016 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 as well as the Engine Control Module/ECM (SAE Term: Powertrain Control Module/PCM) logic has been modified to reduce the possibility of this condition occurring. Follow the repair procedure in this bulletin to address this condition.