TOYOTA
Technical Service Bulletin

Misfire While Driving With EGR Active

Service Category Engine/Hybrid System

Section Intake/Exhaust **Market** USA

Toyota Supports ASE Certification

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2012 - 2015	Prius PHV	
2012 - 2016	Prius V	
2010 - 2015	Prius	

REVISION NOTICE

August 11, 2016 Rev1:

- **Applicability has been updated to include 2016 model year Prius V vehicles.**

Any previous printed versions of this bulletin should be discarded.

Introduction

Some 2010 – 2015 model year Prius (2ZR-FXE equipped) vehicles, 2012 – 2015 model year Prius PHV vehicles, and 2012 – 2016 Prius V (2ZR-FXE equipped) vehicles may exhibit a “runs rough” and/or MIL “ON” condition with DTC(s) P0300, P0301, P0302, P0303, and P0304 (Misfire) during light acceleration while the Exhaust Gas Recirculation (EGR) system is active. Replace the Intake Manifold assembly to address this condition.

Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
17120-37050 17120-37051 17120-37052 17120-37053 17120-37054	17120-37054	Manifold Assy, Intake	1
25634-37030		Gasket, EGR Pipe	1

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Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
170011	R & R Intake Manifold Assembly	1.5	17120-37050	8A	88
			17120-37051		
			17120-37052		
			17120-37053		
			17120-37054		

APPLICABLE WARRANTY

- **This repair is covered under the Toyota Federal Emission Warranty. This warranty is in effect for 36 months or 36,000 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.**
- **For California specification vehicles sold, registered, and operated in California, Connecticut (starting with 08MY), Delaware (starting with 14MY), Maine (starting with 04MY), Maryland (starting with 11MY), Massachusetts, New Jersey (starting with 09MY), Oregon (starting with 09MY), Pennsylvania (starting with 08MY), Rhode Island (starting with 08MY), Vermont and Washington (starting with 09MY), this repair is covered under the California Long-Term Emission Warranty. This warranty is in effect for 84 months or 70,000 miles, whichever occurs first, from the vehicle's in-service date.**
- **Prius (beginning with 04MY) and Prius PHV warranty coverage for all emissions components is 180 months or 150,000 miles, whichever comes first, from the vehicle's in-service date. Other states that have adopted California Emission Coverage are Arizona (12MY only), Connecticut (starting with 05MY), Delaware* (starting with 14MY), Maine, Maryland (starting with 11MY), Massachusetts, New Jersey (starting with 05MY), New York, Oregon (starting with 08MY), Pennsylvania* (starting with 08MY), Rhode Island (starting with 05MY), Vermont and Washington* (starting with 09MY).**

  ***In Delaware, Pennsylvania and Washington, California Emissions coverage for Prius and Prius PHV is 84 months or 70,000 miles.**

Required Tools & Equipment

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.**

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Repair Procedure

1. Use Techstream to check for DTCs, and confirm the condition per the Introduction.

> **NOTE**
> - **This bulletin is ONLY applicable if the condition occurs during EGR operation while driving. If the symptoms are different, this bulletin does NOT apply, proceed with normal misfire diagnostics.**
> - **During a road test the EGR can be disabled by disconnecting the EGR connector to verify the condition.**

2. Remove and replace the Intake Manifold Assembly.
   Refer to the Technical Information System (TIS), applicable model and 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"
- 2015 Prius:
  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"

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Repair Procedure (Continued)

- 2015 Prius V:
  Engine/Hybrid System – Intake/Exhaust – "2ZR-FXE Intake/Exhaust: Intake Manifold: Removal / Installation"
- 2016 Prius V:
  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"
- 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"
- 2015 Prius PHV:
  Engine/Hybrid System – Intake/Exhaust – "2ZR-FXE Intake/Exhaust: Intake Manifold: Removal / Installation"

3. Clear the DTC(s) and verify normal vehicle operation.

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