



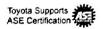
Service

Category Engine/Hybrid System

Section

Emission Control

Market USA



Applicability

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

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

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

PARTNUMBER	PART NAME		
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		

Parts Information

MODEL	MODEL YEAR	ECU PART NUMBER			
		PREVIOUS	NEW	PART NAME	QTY
	2010	89660-47300 89660-47301 89660-47302 89660-47303 89660-47304 89660-47305	89660-47306		
Prius	2011	89660-47430 89660-47431 89660-47432 89660-47433 89660-47434	89660-47435	Computer, Engine Control	_
	2012	89660-47510 89660-47511 89660-47512 89660-47513	89660-47514		
Prius V	2012	89660-47400 89660-47401 89660-47402 89660-47403 89660-47404	89660-47405		
Prius PHV	2012	89660-47590 89660-47591	89660-47592		

NOTE

.The ECM (PCM) should NOT be replaced as part of the repair procedure.

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*		TS2UNIT	_
Techstream Lite	ADE	TSLITEPDLR01	_ 1
Techstream Lite (Green Cable)	7	TSLP2DLR01	

^{*} Essential SST.

- NOTE

- Only ONE of the Techstream units listed above is required.
- · Software version 11.00.017 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.

Calibration Information

MODEL	MODEL YEAR	ECU CALIBRATION IDs		
	MICUEL TEAK	PREVIOUS	NEW	
		34715000		
*	1 1	34715100		
		34715200		
	2010	34715300	<u>34715700</u>	
		34715400		
		34715500		
•		34715600		
		34728000		
Prius	1 1	34728100		
	2011	34728200	<u>34728500</u>	
		34728300		
		37428400		
		34734000		
-		34734100	34 <u>734400</u>	
	2012	34734200	<u></u>	
•		34734300		
	-	34725000		
Prius V		34725100		
		34725200	<u>34725500</u>	
	2012	34725300		
	2012	34725400		
	-	34740000	34740200	
Prius PHV		34740100	947.40200	