

MIL "ON" DTC P2111 Throttle Actuator Control System – Stuck Open

Service
Category Engine/Hybrid System

Section Engine Mechanical

Market USA

Toyota Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2007 - 2011	Camry HV	

Introduction

Some 2007 – 2011 model year Camry HV vehicles equipped with 2AZ-FXE engines may exhibit a lack of acceleration, potential rough engine idle and possible engine stall condition while the vehicle is stopped. These symptoms will be accompanied by a MIL "ON" condition with Diagnostic Trouble Code (DTC) P2111 (Throttle Actuator Control System – Stuck Open). Follow the Repair Procedure in this bulletin to address this condition.

Warranty Information

OP CODE	DESCRIPTION	TIME	QFP	T1	T2
EG1600	R & R PCV Valve	0.2	12204-28030	8A	99

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, Arizona (12MY only), Connecticut (starting with 05MY), *Delaware (starting with 14MY), Maine, Maryland (starting with 11MY), Massachusetts, New Hampshire (05MY-09MY), New Jersey (starting with 05MY), New Mexico (10MY-11MY), New York, Oregon (starting with 08MY), *Pennsylvania (starting with 08MY), Rhode Island (starting with 05MY), Vermont and *Washington (starting with 09MY), 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.

*In Delaware, Pennsylvania and Washington, CA Emissions coverage for Camry Hybrid is 84 months or 70,000 miles, whichever comes first, from the vehicle's in-service date.

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Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
12204-28030	12204-28050	Valve Sub-Assy, Ventilation	1

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*	ADE	TS2UNIT	1
Techstream Lite		TSLITEPDLR01	

* Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 10.30.029 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

Repair Procedure

1. Using TIS Techstream, check for stored DTCs.

Was DTC P2111 retrieved?

- YES — Go to step 2.
- NO — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

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Repair Procedure (Continued)

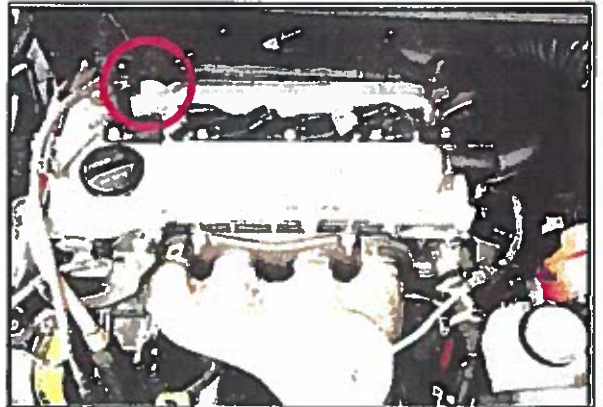
- 2. Replace the PCV valve.
 - A. Open hood and remove engine cover.

Figure 1.



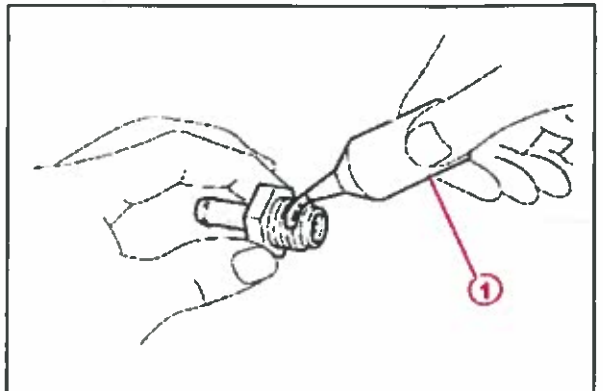
- B. Remove PCV valve using 22 mm deep socket.

Figure 2.



- C. Apply Toyota genuine adhesive 1324, three bond 1324 or equivalent to replacement PCV valve threads.

Figure 3.



1	Toyota genuine adhesive 1324, three bond 1324 or equivalent
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Repair Procedure (Continued)

D. Install new PCV valve using 22 mm deep socket.

Torque: 19 N*m (194 kgf*cm, 14 ft*lb)

E. Reattach hose to back of PCV valve.

3. Place vehicle into Ready "ON" mode and test drive the vehicle to confirm proper vehicle operation.
4. Clear DTC.
5. Complete Techstream Health Check.