


M.I.L. "ON" DTC P0455 & P0441 or P0456

Service Category Engine/Hybrid System

Section Engine Control

Market USA

Scion Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2005 – 2009	tC	

Introduction

Some 2005 – 2009 model year Scion tC vehicles may exhibit a M.I.L. "ON" condition with one or more of the following DTCs: P0455 & P0441 or P0456. Use the repair procedure below to address customer concerns.

Production Change Information

This TSB applies to vehicles produced **BEFORE** the Production Change Effective VIN shown below.

MODEL	PRODUCTION CHANGE EFFECTIVE VIN
Scion tC	JTKDE167*90290600

Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
EG9012	R & R Fuel Cap and Fuel Filler Pipe	0.7	77201-21100	8A	13

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.
- For California specification vehicles sold, registered, and operated in California, Connecticut (starting with '08 MY), Maine, Massachusetts, New Jersey (starting with '09 MY), Oregon (starting with '09 MY), Pennsylvania (starting with '08 MY), Rhode Island (starting with '08 MY), Vermont, and Washington (starting with '09 MY) this repair is covered under the California Emission Warranty. This warranty is in effect for 36 months or 50,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to correction of a problem based upon a customer's specific complaint.

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Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
77201-21100	Same	Pipe Sub-assembly, Fuel Tank Filler	1
77300-33070	Same	Cap Assembly, Fuel Tank w/Tether	1

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
TIS Techstream* NOTE: Software version 4.11.000 or later is required.	ADE	TSPKG1	1

* Essential SST.

NOTE

Additional TIS Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

Repair Procedure

- Using TIS Techstream, clear the stored DTCs.
- Using TIS Techstream, perform the Automatic EVAP System Check.
System Select > Engine and ECT > Utility > EVAP System

If P0455 and P0441 or P0456 set, go to step 3.

HINT

If DTC P0441 sets ALONE, this TSB does NOT apply — Refer to the Repair Manual for further diagnosis.

NOTE

If the Automatic EVAP System Check fails to run, perform the following:

- Turn the ignition key OFF.
- Turn TIS Techstream OFF.
- Turn the ignition key ON and TIS Techstream ON and restart the Automatic EVAP System Check.

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Repair Procedure (Continued)

3. Inspect the fuel cap.

Does it tighten properly?

- **YES** — Proceed to step 4.
- **NO** — Replace the fuel filler pipe and fuel cap, then proceed to step 5.

4. Inspect the EVAP system for the leak source.

Refer to the Technical Information System (TIS), applicable model year Scion tC Repair Manual:

- [2005](#) Scion tC:
Engine/Hybrid System – Engine Control – “SFI System (2AZ-FE): EVAP Inspection Procedure”
- [2006](#) / [2007](#) / [2008](#) / [2009](#) Scion tC:
Engine/Hybrid System – Engine Control – “2AZ-FE Engine Control System: SFI System: EVAP System”

Was the leak source isolated at the fuel cap to filler pipe sealing area?

- **YES** — Replace the fuel filler pipe and fuel cap, then proceed to step 5.
- **NO** — This TSB does NOT apply — Refer to the Repair Manual for further diagnosis.

5. Clear DTCs.

6. Perform the Automatic EVAP System Check and verify NO pending DTCs set.

System Select > Engine and ECT > Utility > EVAP System