TOYOTA

*Technical Service BULLETIN*

*November 27, 2007*

Title:

# M.I.L. "ON" DTC P043E, P043F, P2401, P2402, & P2419

Models:

## '07 Yaris Liftback

TSB

ENGINE

EG048-07

**Introduction**

Some 2007 model year Yaris Liftback vehicles may exhibit M.I.L. "ON" with DTCs P043E, P043F, P2401, P2402, and P2419 stored. The fuel tank filler pipe cover holder has been improved to prevent water intrusion into the Key Off EVAP pump module. Follow the procedure below to repair customer vehicles.

**NOTE:**

**All five DTCs MUST be present for this TSB to be applicable.**

**Applicable Vehicles**

- **2007** model year **Yaris Liftback** vehicles produced **BEFORE** the Production Change Effective VIN shown below.

**Production Change Information**

| MODEL YEAR | MODEL | PRODUCTION CHANGE EFFECTIVE VIN |
|---|---|---|
| 2007 | Yaris 3 Door Liftback | JTDJT9#3*75126293 |

**Parts Information**

| PREVIOUS PART NUMBER | CURRENT PART NUMBER | PART NAME | QTY |
|---|---|---|---|
| 77248–21010 | 77248–52060 | Fuel Tank Filler Pipe Cover Holder | 1 |
| 77219–21010 | Same | Fuel Tank Filler Pipe Cover | 1 |
| 77740–52090 | Same | Charcoal Canister Assembly | 1 |
| 77706–52020 | Same | Charcoal Canister Filter No. 2 | 1 |

**Warranty Information**

| OP CODE | DESCRIPTION | TIME | OFP | T1 | T2 |
|---|---|---|---|---|---|
| EG7037 | R & R Fuel Tank Filler Pipe Cover Holder, Cover, Charcoal Canister, & Filter | 0.5 | 77248–21010 | 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. For California specification vehicles sold, registered, and operated in California, Maine, Massachusetts, and Vermont, this repair is covered under the California Emission Warranty, which is 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.

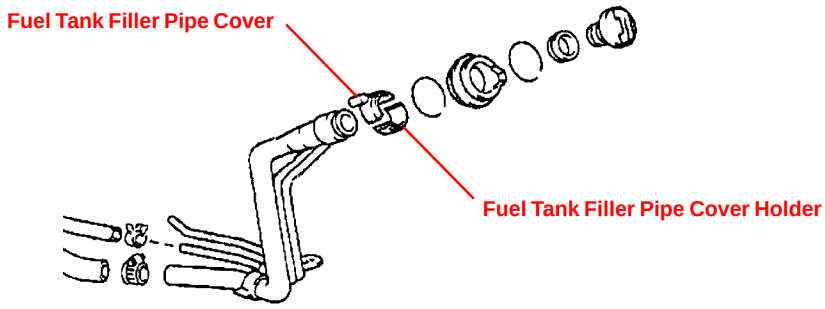
**Required Tools & Equipment**

| REQUIRED EQUIPMENT | SUPPLIER | PART NUMBER | QTY |
|---|---|---|---|
| **TIS techstream***  NOTE: Software version 2.20.015 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.**
- **The Toyota Diagnostic Tester and CAN Interface Module may also be used to perform the service procedures listed in this bulletin.**

**Repair Procedure**




1. Using TIS techstream, check for Diagnostic Trouble Codes (DTCs).

   If DTCs P043E, P043F, P2401, P2402, and P2419 are ALL present, refer to the Technical Information System (TIS), 2007 model year Yaris Repair Manual, *Engine/Hybrid System – Engine Control – "1NZ–FE Engine Control System: SFI System: P043E: Evaporative Emission System Reference Orifice Clog Up".*

2. Replace the charcoal canister, charcoal canister filter, fuel tank filler pipe cover, and the fuel tank filler pipe cover holder if water IS or WAS present in the EVAP system.

3. Using TIS techstream, clear all DTCs.

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

   *System Select > Engine and ECT > Utility > EVAP System Check*

**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.**