

T-SB-0092-12

June 27, 2012

## Passenger "AIRBAG OFF" Light Illuminates Intermittently

Service Category Vehicle Interior

Section Supplemental Restraint Systems

Market USA

Toyota Supports  
 ASE Certification 

### Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2012	Yaris	

### Introduction

Some 2012 model year Yaris hatchback vehicles may exhibit a condition where the passenger "AIRBAG OFF" light may illuminate intermittently while driving and the passenger seat is unoccupied. This condition will not affect airbag operation. An updated Occupant Classification System Electronic Control Unit (OCS ECU) has been made available to address this condition. This updated OCS ECU logic will now illuminate the "AIRBAG OFF" light all the time when the vehicle is operated and the passenger seat is unoccupied or when the OCS ECU determines that the occupant does not meet the adult classification criteria.

### Production Change Information

This bulletin applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	PRODUCTION CHANGE EFFECTIVE VIN
Yaris Hatchback, 5 Door	JTDKTUD3#CD524789
Yaris Hatchback, 3 Door	JTDJTUD3#CD524923

### Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
EL1206	R & R Occupant Classification System ECU	0.7	89952-52010	87	74

#### APPLICABLE WARRANTY

- This repair is covered under the Toyota Restraint System Warranty. This warranty is in effect for 60 months or 60,000 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.

## Passenger "AIRBAG OFF" Light Illuminates Intermittently

### Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
89952-52010	89952-52011	OCS ECU	1

PART NUMBER	PART NAME	QTY
Pub. No. OM52D24U	2012 Yaris Owner's Manual	1

**NOTE**

To order the Owner's Manual, please contact Helm at [www.helminc.com](http://www.helminc.com), or call 1-800-782-4356.

### Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
TIS Techstream* or Techstream Lite  NOTE: Software version 7.10.030 or later is required.	ADE	TSPKG1 or TSLITEDLR01	1

**NOTE**

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

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Occupant Classification Seat Weight Set*	<u>00002-09090-01</u>	1

**NOTE**

Additional SSTs may be ordered by calling 1-800-933-8335.

\* Essential SST.

## Passenger "AIRBAG OFF" Light Illuminates Intermittently

### Repair Procedure

1. Inspect the Supplemental Restraint System (SRS) using Techstream.

#### NOTE

- If there are any SRS codes in the SRS ECU, refer to the Technical Information System (TIS), applicable Repair Manual section, for diagnosis and repair.
- This condition may set a B1650 Occupant Classification System Malfunction code in the SRS ECU.

2. If the vehicle is exhibiting the condition, replace the OCS ECU.

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

- 2012 Yaris (from 07/2011):  
*Vehicle Interior – Supplemental Restraint Systems – “Supplemental Restraint Systems: Occupant Classification ECU (for Hatchback): Removal / Installation”*
3. After replacing the OCS ECU, the operation of the Passenger Airbag ON/OFF light will change.

- A. Upon starting the vehicle the light will perform a bulb check.



Figure 1.

## Passenger "AIRBAG OFF" Light Illuminates Intermittently

---

### Repair Procedure (Continued)

- B. After the bulb check is completed the Passenger Airbag light will illuminate "OFF" when the passenger seat is unoccupied or when the OCS ECU determines that the occupant does not meet the adult classification criteria.

Figure 2.



- C. When the OCS system determines that an occupant that meets the adult classification criteria is sitting in the passenger seat, the light will change to "ON".
4. Remove original Owner's Manual.
  5. Place updated Owner's Manual in vehicle.