

Passenger "AIRBAG OFF" Light Illuminates Intermittently

Service Category Vehicle Interior

Section Supplemental Restraint Systems

Market USA



Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2012	Camry, Camry HV	

Introduction

Some 2012 model year Camry and Camry HV 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	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
Camry	TMMK	4T1BK1FK#CU008756
	SIA	4T1BF1FK#CU558559
Camry HV	TMMK	4T4BF1FK#CR203062
	TMMK	4T1BD1FK#CU016591

Warranty Information

OP CODE	DESCRIPTION	SEAT TYPE	TIME	OFF	T1	T2
EL1201	R & R Occupant Classification System ECU	Manual	0.7	89952-06010	87	74
EL1202		Power	0.9			

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Warranty Information (Continued)

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.

Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
89952-06010	89952-06011	OCS ECU (TMMK)	1
89952-06030	89952-06031	OCS ECU (SIA)	1
01999-33856	01999-33A27	2012 Camry Owner's Manual (Pub No. OM33A40U)	1
01999-33857	01999-33A28	2012 Camry HV Owner's Manual (Pub No. OM33A41U)	1

NOTE

Updated Owner's Manuals may be ordered from the MDC through the non-Parts system.

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.

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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 and model year Repair Manual:

- 2012 Camry:
Vehicle Interior – Supplemental Restraint Systems – “Supplemental Restraint Systems: Occupant Classification ECU: Removal / Installation”
 - 2012 Camry HV:
Vehicle Interior – Supplemental Restraint Systems – “Supplemental Restraint Systems: Occupant Classification ECU: 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.



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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.