

**Part 573 Safety Recall Report****15V-419****Manufacturer Name :** Subaru of America, Inc.**Submission Date :** JUN 25,2015**NHTSA Recall No. :** 15V-419**Manufacturer Recall No. :** WQT-55**Manufacturer Information :**

Manufacturer Name : Subaru of America, Inc.

Address : P.O. Box 6000

Cherry Hill NJ 08034-6000

Company phone : 856-488-8500

**Population :**

Number of potentially involved : 32,400

Estimated percentage with defect : 0

**Vehicle Information :**

Vehicle : 2012-2012 Subaru Impreza

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Subaru of America, Inc. (Subaru) is recalling certain 2012 model year Subaru Impreza 4-Door vehicles (except WRX/STI) equipped with a capacitance-type occupant detection system (ODS) in the front passenger seat.

In certain circumstances (e.g., use of an iPod or cell phone (plugged into the Accessory power outlet) by someone seated in the passenger seat when the ODS is On and/or a seated passenger touching a metal part of the vehicle that is electrically grounded (i.e., forward/rearward seat adjuster lever) when the ODS is On), the Occupant Control Unit (OCU) of the ODS falsely identifies an abnormally high rise in the occupant's capacitance. This may result in deactivation of the ODS.

Should this happen, the following Diagnostic Trouble Codes (DTCs) will be stored in the vehicle's memory: B1650, B1760 and/or B1761. Further, the Air Bag Warning Light will illuminate and the Passenger Air Bag Indicator will illuminate "OFF", providing a visual warning that the air bag system is not operating properly.

Production Dates : APR 21, 2011 - FEB 15, 2012

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2012-2012 Subaru Impreza

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Subaru of America, Inc. (Subaru) is recalling certain 2012 model year Subaru

Impreza Station Wagon vehicles (except WRX/STI) equipped with a capacitance-type occupant detection system (ODS) in the front passenger seat.

In certain circumstances (e.g., use of an iPod or cell phone (plugged into the Accessory power outlet) by someone seated in the passenger seat when the ODS is On and/or a seated passenger touching a metal part of the vehicle that is electrically grounded (i.e., forward/rearward seat adjuster lever) when the ODS is On), the Occupant Control Unit (OCU) of the ODS falsely identifies an abnormally high rise in the occupant's capacitance. This may result in deactivation of the ODS.

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Production Dates : APR 21, 2011 - FEB 16, 2012

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

Not sequential VINs

**Description of Defect :**

Description of the Defect : Subaru of America, Inc. (Subaru) is recalling certain 2012 model year Subaru Impreza 4-Door and Station Wagon vehicles (except WRX/STI) equipped with a capacitance-type occupant detection system (ODS) in the front passenger seat.

In certain circumstances (e.g., use of an iPod or cell phone (plugged into the Accessory power outlet) by someone seated in the passenger seat when the ODS is On and/or a seated passenger touching a metal part of the vehicle that is electrically grounded (i.e., forward/rearward seat adjuster lever) when the ODS is On), the Occupant Control Unit (OCU) of the ODS falsely identifies an abnormally high rise in the occupant's capacitance. This may result in deactivation of the ODS.

Should this happen, the following Diagnostic Trouble Codes (DTCs) will be stored in the vehicle's memory: B1650, B1760 and/or B1761. Further, the Air Bag Warning Light will illuminate and the Passenger Air Bag Indicator will illuminate "OFF", providing a visual warning that the air bag system is not operating properly.

A Service Bulletin was issued on May 29, 2012 (TSB 17-16-12) to address this issue. However, some vehicles were not repaired under this protocol. Accordingly, Subaru will conduct a Part 573 recall and replace the OCU on all potentially affected vehicles.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The passenger air bag will not deploy in certain circumstances, increasing the risk of injury to a front seat passenger in the event of a crash.

Description of the Cause : The OCU sensor logic was found to be too sensitive under certain conditions. The logic in the replacement OCU has been modified accordingly.

Identification of Any Warning that can Occur : The Air Bag Warning Light will illuminate and the Passenger Air Bag Indicator will illuminate "OFF", providing a visual warning that the air bag system is not operating properly.

**Supplier Identification :****Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

May 29, 2012: Subaru of America issued technical service bulletin TSB 17-16-12 Occupant Detection System (ODS) Occupant Control Unit.

April 15, 2015: FHI received an Information Request from NHTSA (PE15-012).

April 16-June 17, 2015: FHI conducted an internal investigation to determine if, despite the activation of the Air Bag Warning light and the Air Bag Indicator displaying "OFF", the failure could be considered safety-related.

June 18, 2015: FHI concluded that Subaru will perform a safety recall in U.S. market.

**Description of Remedy :**

Description of Remedy Program : The remedy plan calls for retailers to replace the Occupant Control Unit (OCU) with a modified one.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : JUN 25, 2015 - JUN 25, 2015

Planned Owner Notification Date : NR - NR

\* NR - Not Reported