OMB Control No.: 2127-0004

# Part 573 Safety Recall Report

15V-419

Manufacturer Name : Subaru of America, Inc. Submission Date : JUL 09,2015 NHTSA Recall No. : 15V-419 Manufacturer Recall No. : WQT-55

# \*\*\*\*\* NHTSA www.nhtsa.gov

# Manufacturer Information :

Manufacturer Name : Subaru of America, Inc. Address : P.O. Box 6000 Cherry Hill NJ 08034-6000 Company phone : 856-488-8500



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. WRX/STI models are excluded from this safety recall as they are equipped with a weight-recognition, not 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 End: NR **Begin** : NR □ Not sequential VINs

Vehicle : 2012-2012 Subaru Impreza Vehicle Type : LIGHT VEHICLES Body Style : STATIONWAGON

The information contained in this report was submitted pursuant to 49 CFR §573

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Power Train : GAS			
Descriptive Information	Impreza Stat type occupar models are e	nerica, Inc. (Subaru) is recalling certain 20 tion Wagon vehicles (except WRX/STI) equate detection system (ODS) in the front past excluded from this safety recall as they are not capacitance-type, occupant detection seat.	uipped with a capacitance- senger seat. WRX/STI equipped with a weight-
	Accessory po On and/or a electrically g On), the Occo	rcumstances (e.g., use of an iPod or cell phower outlet) by someone seated in the passeated passenger touching a metal part of grounded (i.e., forward/rearward seat adjupant Control Unit (OCU) of the ODS falsel he occupant's capacitance. This may resu	senger seat when the ODS is The vehicle that is uster lever) when the ODS is y identifies an abnormally
Production Dates : APR 2	in the vehicle Warning Lig "OFF", provi	happen, the following Diagnostic Trouble ( e's memory: B1650, B1760 and/or B1761 ht will illuminate and the Passenger Air Ba ding a visual warning that the air bag syste 16, 2012	. Further, the Air Bag ag Indicator will illuminate
VIN (Vehicle Identifica	tion Number)	) Range	
Begin : NR		End : NR	Not sequential VINs
<b>Description of Defect :</b> Description of the Defect :	Impreza 4-Do capacitance-t WRX/STI mo weight-recog front passeng In certain circ	perica, Inc. (Subaru) is recalling certain 20 foor and Station Wagon vehicles (except W ype occupant detection system (ODS) in the dels are excluded from this safety recall as nition, not capacitance-type, occupant det ger seat. cumstances (e.g., use of an iPod or cell pho wer outlet) by someone seated in the pass	RX/STI) equipped with a he front passenger seat. s they are equipped with a section system (ODS) in the one (plugged into the
	On and/or a s grounded (i.e Occupant Cor the occupant <sup>*</sup> Should this has the vehicle's a Light will illu	seated passenger touching a metal part of a, forward/rearward seat adjuster lever) v ntrol Unit (OCU) of the ODS falsely identifi 's capacitance. This may result in deactive appen, the following Diagnostic Trouble C memory: B1650, B1760 and/or B1761. Fu minate and the Passenger Air Bag Indicato isual warning that the air bag system is no	the vehicle that is electrically when the ODS is On), the es an abnormally high rise in ation of the ODS. odes (DTCs) will be stored in urther, the Air Bag Warning or will illuminate "OFF",
		letin was issued on May 29, 2012 (TSB 17 ne vehicles were not repaired under this p	

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Part 573 Safety Recall Report 15V-419 Page 3 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

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\* NR - Not Reported

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