

Part 573 Safety Recall Report

16V-738

Manufacturer Name : Subaru of America, Inc.

Submission Date : NOV 13, 2017

NHTSA Recall No. : 16V-738

Manufacturer Recall No. : WTM-73



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 : 100,127

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2007-2009 Subaru Legacy

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Affects turbo models only

Information Regarding Manufacturer of Defective Component:

• **Identification of Component:** Relay

• **Component Manufacturer:**

TE Connectivity

1050 Westlakes Drive, Berwyn, PA 19312

TEL 1-610-893-9800

Production Dates : DEC 08, 2005 - OCT 27, 2008

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2007-2009 Subaru Outback

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Affects turbo models only

Information Regarding Manufacturer of Defective Component:

• **Identification of Component:** Relay

• **Component Manufacturer:**

TE Connectivity

1050 Westlakes Drive, Berwyn, PA 19312

TEL 1-610-893-9800

Production Dates : DEC 08, 2005 - OCT 23, 2008

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2008-2014 Subaru Impreza

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Affects turbo models only

Information Regarding Manufacturer of Defective Component:

• Identification of Component: Relay

• Component Manufacturer:

TE Connectivity

1050 Westlakes Drive, Berwyn, PA 19312

TEL 1-610-893-9800

Production Dates : APR 26, 2007 - SEP 13, 2013

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 4 : 2008-2014 Subaru Impreza

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Affects turbo models only

Information Regarding Manufacturer of Defective Component:

• Identification of Component: Relay

• Component Manufacturer:

TE Connectivity

1050 Westlakes Drive, Berwyn, PA 19312

TEL 1-610-893-9800

Production Dates : APR 26, 2007 - SEP 10, 2013

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 5 : 2009-2013 Subaru Forester

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Affects turbo models only

Information Regarding Manufacturer of Defective Component:

• Identification of Component: Relay

• Component Manufacturer:

TE Connectivity
1050 Westlakes Drive, Berwyn, PA 19312
TEL 1-610-893-9800

Production Dates : DEC 06, 2007 - JAN 07, 2013

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Subaru of America, Inc. (Subaru) is recalling certain 2007-2009 model year Legacy and Outback (turbo models only), 2008-2014 model year Impreza (turbo models only) and 2009-2013 model year Forester (turbo models only) vehicles. Contacts points inside the relay, which controls the secondary air injection pump, may be welded due to insufficient understanding of one of relay specifications (characteristics) and the relay may allow the pump to operate continuously. Therefore relay contact point is changed to more durable specification (characteristic).

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If this condition were to occur, the check engine warning light illuminates and the pump may overheat and melt causing odor or smoke to occur and possibly, fire.

Description of the Cause : NR

Identification of Any Warning that can Occur : The check engine warning light illuminates.

Supplier Identification :

Component Manufacturer

Name : TE Connectivity

Address : 1050 Westlakes Drive
Berwyn PENNSYLVANIA 19312

Country : United States

Chronology :

April 25, 2011: Fuji Heavy Industries, Inc. (FHI) received an initial technical report of check engine warning light illumination due to secondary air injection pump failure. There was no fire associated with this particular

event.

April, 2011-September 2013: FHI investigated and determined the root cause for check engine warning light illumination was insufficient contact point pressure of the relay associated with the secondary air injection pump due to insufficient understanding of relay specification (characteristic). The Supplier decreased the contact pressure lower limit tolerance and increase inspection to 100%.

October 10, 2013: FHI received an initial technical report of secondary air injection pump emitting smoke and catching fire. FHI attempted to investigate; however, this was not possible as the fire department collected the affected parts.

May 8, 2015: FHI received a second technical report of secondary air injection pump emitting smoke and catching fire.

May 8, 2015 – September 29, 2016: FHI conducted an investigation of parts collected from the field vehicle that resulted in the reported fire and was ultimately able to determine the root cause.

September 30, 2016: Fuji Heavy Industries, Inc. (FHI) concluded that Subaru would perform a safety recall of all potentially affected vehicles in the U.S. market.

Description of Remedy :

Description of Remedy Program : The remedy procedure will be to replace the secondary air injection pump relay with a countermeasured 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 : Owner Notification Schedule TBD

Planned Dealer Notification Date : OCT 14, 2016 - OCT 14, 2016

Planned Owner Notification Date : DEC 16, 2016 - DEC 16, 2016

* NR - Not Reported