

# Part 573 Safety Recall Report

# 17V-216

**Manufacturer Name :** Subaru of America, Inc.**Submission Date :** MAR 29, 2017**NHTSA Recall No. :** 17V-216**Manufacturer Recall No. :** WTP-75**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 : 33,131

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2017-2017 Subaru Impreza

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : See "Defect Description"

Production Dates : OCT 18, 2016 - MAR 17, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2017-2017 Subaru Impreza

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : See "Defect Description"

Production Dates : SEP 23, 2016 - MAR 21, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : When North American winter fuel, which will vaporize at a lower temperature, is used, the fuel may begin to vaporize in the fuel line under higher ambient temperature, low speed, or stopped driving conditions. Premature vaporization causes a decrease in fuel pressure which may result in rough idling, the inability to start the engine, or engine stall. In some cases, if the engine were to stall, the driver may be unable to restart the vehicle for a certain period of time.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** The engine may stall in certain circumstances while driving, including low speed, stop-and-go traffic, or at a stop and may not be able to be restarted immediately, increasing the risk of a crash.

**Description of the Cause :** The software programming of the ECU which operates the radiator fan is not set to a low enough temperature when using winter blend fuels.

**Identification of Any Warning that can Occur :** Possible rough idle and illumination of check engine light.

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR  
NR

Country : NR

## Chronology :

January 3, 2017: Fuji Heavy Industries, Ltd. (FHI) opened an investigation as a result of receiving a field report regarding a rough idle and engine stall.

January 3, 2017 - March 23, 2017: FHI started a field investigation and collected relevant data and parts from several vehicle failures. After performing an engineering analysis with the collected information, the radiator fan control was identified as potentially contributing to the subject issue. FHI subsequently determined that the ECU software used to regulate the radiator fan needed to be corrected.

March 24, 2017: Fuji Heavy Industries, Ltd. (FHI) concluded that Subaru will perform a safety recall of all potentially affected vehicles.

## Description of Remedy :

**Description of Remedy Program :** The remedy procedure will be to reprogram the engine control unit with countermeasured software.

**How Remedy Component Differs from Recalled Component :** NR

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

**Recall Schedule :**

Description of Recall Schedule : Dealers were notified on March 23, 2017. The Owner notification schedule is TBD

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

\* NR - Not Reported