

**Part 573 Safety Recall Report****16V-251****Manufacturer Name :** Subaru of America, Inc.**Submission Date :** MAY 10, 2016**NHTSA Recall No. :** 16V-251**Manufacturer Recall No. :** WTC-64**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 : 766

Estimated percentage with defect : NR

**Vehicle Information :**

Vehicle : 2015-2015 Subaru Legacy

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Not all vehicles in the specified VIN range and/or production date are affected by this recall.

Production Dates : JUL 20, 2015 - JUL 20, 2015

**VIN (Vehicle Identification Number) Range**

Begin : 4S3BNAC67F3076001

End : 4S3BNAD66F3076277

 Not sequential VINs

Vehicle : 2015-2015 Subaru Outback

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Not all vehicles in the specified VIN range and/or production date are affected by this recall.

Production Dates : JUL 20, 2015 - JUL 20, 2015

**VIN (Vehicle Identification Number) Range**

Begin : 4S4BSADC6F3363225

End : 4S4BSELC5F3363905

 Not sequential VINs**Description of Noncompliance :**

Description of the Noncompliance : Subaru of America, Inc. (Subaru) is recalling certain 2015 model year Legacy and Outback vehicles for noncompliance with S5.2.1 of FMVSS No.126 (Electronic stability control systems for light vehicles). Due to

inappropriate handling of a storage tank of brake fluid in Subaru's manufacturing plant, the fluid may contain excess moisture, which causes a gelatinous material to form in the brake system. In the FMVSS No.126 sine with dwell compliance test procedure, the material may accumulate and temporarily clog a valve filter in the vehicle dynamics control (VDC) system. In this situation, VDC performance may not comply with the FMVSS No.126 requirement.

FMVSS 1 : 126 - Electronic stability control systems

FMVSS 2 : NR

Description of the Safety Risk : In certain situations when ESC is activated, it may not be effective in preventing loss of vehicle control, which may increase the risk of a crash.

Description of the Cause : Brake fluid inside a storage tank absorbed moisture from being exposed to the atmosphere during the 2015 summer shutdown period from July 4 – July 19, 2015 at Subaru's Indiana plant (SIA). Since this plant tested moisture levels of the fluid in the tank when it was received and not after shutdown storage, the excess moisture was not detected.

Identification of Any Warning that can Occur : None

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

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

September 18, 2015: NHTSA (OVSC) conducted FMVSS No.126 compliance tests at TRC with the 2015MY Subaru Outback, which did not satisfy the S5.2.1 requirement.

September 30, 2015: Subaru received notification of a FMVSS No.126 S5.2.1 failure on 2015MY Subaru Outback.

October 6-7, 2015: Subaru went to TRC to confirm the test failure and begin a vehicle investigation.

Subaru met with NHTSA (OVSC) via teleconference on the following dates to provide updates on the investigation:

- November 19, 2015
- January 14, 2016
- March 2, 2016
- March 17, 2016
- April 14, 2016

During the final teleconference, Subaru reported its final investigation result. NHTSA agreed with the result, root cause, and affected vehicle range.

April 26, 2016: FHI concluded that Subaru will perform a noncompliance recall in the U.S. market.

**Description of Remedy :**

Description of Remedy Program : Subaru retailers will perform an ABS sequence (activation), then flush and replace the brake fluid in the affected vehicles.

How Remedy Component Differs from Recalled Component : n/a

Identify How/When Recall Condition was Corrected in Production : The affected brake fluid storage tank was exchanged on July 20, 2015 at 8:20 pm. In the future, the plant will test the moisture level of brake fluid after shutdown storage periods.

**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : APR 27, 2016 - APR 27, 2016

Planned Owner Notification Date : NR - NR

\* NR - Not Reported