

Part 573 Safety Recall Report

18V-626

Manufacturer Name : Subaru of America, Inc.

Submission Date : SEP 13, 2018

NHTSA Recall No. : 18V-626

Manufacturer Recall No. : WTV-81



Manufacturer Information :

Manufacturer Name : Subaru of America, Inc.

Address : One Subaru Drive

Camden NJ 08103

Company phone : 856-488-8500

Population :

Number of potentially involved : 27,175

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2010-2014 Subaru Legacy

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Description of the issue: A capacitor on the circuit board and/or the actuator stroke sensor magnetic ring, located in the control unit of electronic parking brake (EPB), may crack with vehicle use over time. If either component develops a crack, the brake telltale warning lamp illuminates, and the EPB may not apply as intended.

The basis for how the recall population was determined: All manual transmission vehicles.

How the recalled products differ from products that were not included in the recall: Products that were not included in the recall are equipped with an automatic transmission.

7,994 2010-14MY Subaru Legacy vehicles are affected.

Production Dates : DEC 10, 2008 - MAY 19, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2010-2014 Subaru Outback

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Description of the issue: A capacitor on the circuit board and/or the actuator stroke sensor magnetic ring, located in the control unit of electronic parking brake (EPB), may crack with vehicle use over time. If either component develops a crack, the brake telltale warning lamp illuminates, and the EPB may not apply as intended.

The basis for how the recall population was determined: All manual transmission

vehicles.

How the recalled products differ from products that were not included in the recall: Products that were not included in the recall are equipped with an automatic transmission.

19,181 2010-14MY Subaru Outback vehicles are affected.

Production Dates : MAR 16, 2009 - JUN 02, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : A capacitor on the circuit board and/or the actuator stroke sensor magnetic ring, located in the control unit of electronic parking brake (EPB), may crack with vehicle use over time. If either component develops a crack, the brake telltale warning lamp illuminates, and the EPB may not apply as intended.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the transmission shift lever is not in the recommended gear when the vehicle is parked and the EPB does not engage, the vehicle may roll away, increasing the risk of a crash.

Description of the Cause : Due to improper manufacturing processes, a capacitor on the circuit board and/or the actuator stroke sensor magnetic ring located in the control unit of the EPB may crack over time.

Identification of Any Warning that can Occur : The vehicle's brake telltale will illuminate, indicating a malfunction of the EPB.

Supplier Identification :

Component Manufacturer

Name : Continental Automotive Corp.

Address : New Stage Yokohama 1-1-32

Shin-Urashimacho Kanagawa-Ku Yokoyama, Kanagawa FOREIGN STATES 221-0031

Country : Japan

Chronology :

June 2018: Subaru Corporation notified Subaru of America, Inc of the dialog between Subaru Corporation and Japan's Ministry of Land, Infrastructure, and Transportation.

June 2018: Continental presented material related to the overseas investigation into the defects.

June 2018-August 2018: Subaru assessed the United States product data related to this defect.

September 6, 2018: Subaru determined that a safety recall will be performed.

Description of Remedy :

Description of Remedy Program : For all affected vehicles, replace the EPB actuator assembly with a remedied one.

How Remedy Component Differs from Recalled Component : Regarding the remedy component, (1) the capacitor's material was changed to a more durable one, (2) the manufacturing process of the circuit board and actuator stroke sensor magnetic ring was improved, and (3) implemented tighter control of moisture content of the resin hub during production.

Recalled Component Name: PARKING BRAKE ACTUATOR
Recalled Component Description: PARKING BRAKE ACTUATOR
Recalled Component Part numbers: 26002AJ01D, 26002AJ02C

Identify How/When Recall Condition was Corrected in Production : N/A

Recall Schedule :

Description of Recall Schedule : Owner notification will occur within 60 days. If parts are not available by that time, owners will be notified that parts are not available yet and they will be re-notified once parts are available.

Planned Dealer Notification Date : SEP 14, 2018 - SEP 14, 2018

Planned Owner Notification Date : NR - NR

* NR - Not Reported