

Part 573 Safety Recall Report

19V-856

Manufacturer Name : Subaru of America, Inc.

Submission Date : DEC 02, 2019

NHTSA Recall No. : 19V-856

Manufacturer Recall No. : WUW-08



Manufacturer Information :

Manufacturer Name : Subaru of America, Inc.

Address : One Subaru Drive

Camden NJ 08103

Company phone : 844-373-6614

Population :

Number of potentially involved : 51,613

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2019-2019 Subaru Crosstrek

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : -Description of the issue: The Positive Crankcase Ventilation (PCV) valve may separate and allow engine oil to enter the combustion chamber.

-The basis for how the recall population was determined: Potentially affected vehicles were identified using vehicle production records.

-How the recalled products differ from products that were not included in the recall: Vehicles equipped with a steel PCV valve case are not affected.

The recall population includes certain 2019 model year Crosstrek PHEV vehicles. The number of potentially affected Crosstrek PHEV vehicles is 37.

Production Dates : SEP 11, 2018 - OCT 08, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2019-2019 Subaru Forester

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : -Description of the issue: The Positive Crankcase Ventilation (PCV) valve may separate and allow engine oil to enter the combustion chamber.

-The basis for how the recall population was determined: Potentially affected vehicles were identified using vehicle production records.

-How the recalled products differ from products that were not included in the recall: Vehicles equipped with a steel PCV valve case are not affected.

The recall population includes certain 2019 model year Forester vehicles. The number of potentially affected Forester vehicles is 33,383.

Production Dates : JUL 04, 2018 - MAR 21, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2019-2019 Subaru Ascent

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : -Description of the issue: The Positive Crankcase Ventilation (PCV) valve may separate and allow engine oil to enter the combustion chamber.

-The basis for how the recall population was determined: Potentially affected vehicles were identified using vehicle production records.

-How the recalled products differ from products that were not included in the recall: Vehicles equipped with a steel PCV valve case are not affected.

The recall population includes certain 2019 model year Ascent vehicles. The number of potentially affected Ascent vehicles is 18,193.

Production Dates : FEB 22, 2018 - AUG 31, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : The PCV valve, an oil flow control device, may separate and allow engine oil to enter the combustion chamber. If the PCV valve separates and oil enters the combustion chamber, there may be a visible change in the appearance and/or amount of tailpipe exhaust, and if driving under this condition continues, separated components from the PCV valve may enter the engine and the vehicle may experience a loss of motive power.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Operation of a vehicle with a separated PCV valve may cause a visible change in the appearance and/or amount of tailpipe exhaust. If driving under this condition continues, the vehicle may experience a loss of motive power, increasing the risk of a crash.

Description of the Cause : Heating and cooling cycles experienced during vehicle use could cause a gap to form between the steel PCV valve washer and the aluminum PCV valve case. In addition, other components surrounding the aluminum PCV valve case could press into the case, potentially contributing to separation of the valve components over time.

Identification of Any Warning that can Occur : A visible change in the appearance and/or amount of tailpipe exhaust.

Supplier Identification :

Component Manufacturer

Name : NIDEC TOSOK CORPORATION
Address : 2-24-1 Sobudai
Zama Kanagawa FOREIGN STATES 2528570
Country : Japan

Chronology :

October 24, 2019 – Subaru filed NHTSA campaign 19V744.

November 2019 – Subaru continued to investigate if other models equipped with an aluminum PCV valve case assembled with a different press force required any field action.

November 22, 2019 – From this investigation, it was observed that heating and cooling cycles experienced during vehicle use could cause a gap to form between the steel PCV valve washer and the aluminum PCV valve case. In addition, other components surrounding the aluminum PCV valve case could press into the case, potentially contributing to separation of the valve components over time. Out of an abundance of caution, Subaru decided to conduct a voluntary safety recall.

Description of Remedy :

Description of Remedy Program : For all of the potentially affected vehicles, Subaru dealers will replace the PCV valve and its hardware with a new part at no cost. The replaced PCV valve will be inspected and if it is found to have separated, the separator cover and oil pan will be removed at no cost. If the separated parts are not located, the short block engine will be replaced at no cost.

How Remedy Component Differs from Recalled Component : Remedy components have a steel PCV valve case.
Recalled Component Name: VALVE COMPL-CONT
Recalled Component Part Numbers: 11810AA170, 11810AA180

Identify How/When Recall Condition was Corrected in Production : The material used for PCV valve case was changed from aluminum to steel on the engine production line beginning October 3, 2018.

Recall Schedule :

Description of Recall Schedule : Owner notification will occur within 60 days. Dealer notification is scheduled to begin on or about December 3, 2019.

Planned Dealer Notification Date : DEC 04, 2019 - DEC 04, 2019

Planned Owner Notification Date : JAN 24, 2020 - JAN 24, 2020

* NR - Not Reported