

Part 573 Safety Recall Report

21V-264

Manufacturer Name : Subaru of America, Inc.

Submission Date : APR 15, 2021

NHTSA Recall No. : 21V-264

Manufacturer Recall No. : WRE-21



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 : 466,205

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2017-2019 Subaru Impreza

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : -Description of the issue: Due to improper Engine Control Module (ECM) programming, under certain circumstances, the ignition coil may be energized longer than designed after the engine is OFF. For the potentially affected vehicles, the ECM will be reprogrammed, if necessary, and all ignition coils will be replaced.

-The basis for how the recall population was determined: Potentially affected vehicles were identified using the recall population outlined in 19V743.

-How the recalled products differ from products that were not included in the recall: Vehicles not included in 19V743 are not affected.

The recall population includes certain 2017 - 2019 model year Impreza Stationwagon vehicles. The number of potentially affected Impreza Stationwagon vehicles is 139,589.

Production Dates : JUL 01, 2016 - JUN 17, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2017-2019 Subaru Impreza

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : -Description of the issue: Due to improper Engine Control Module (ECM) programming, under certain circumstances, the ignition coil may be energized longer than designed after the engine is OFF. For the potentially affected vehicles, the ECM will be reprogrammed, if necessary, and all ignition coils will be replaced.

-The basis for how the recall population was determined: Potentially affected vehicles were identified using the recall population outlined in 19V743.

-How the recalled products differ from products that were not included in the recall: Vehicles not included in 19V743 are not affected.

The recall population includes certain 2017 - 2019 model year Impreza 4-door vehicles. The number of potentially affected Impreza 4-door vehicles is 68,955.

Production Dates : JUL 01, 2016 - JUN 17, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2018-2019 Subaru Crosstrek

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : -Description of the issue: Due to improper Engine Control Module (ECM) programming, under certain circumstances, the ignition coil may be energized longer than designed after the engine is OFF. For the potentially affected vehicles, the ECM will be reprogrammed, if necessary, and all ignition coils will be replaced.

-The basis for how the recall population was determined: Potentially affected vehicles were identified using the recall population outlined in 19V743.

-How the recalled products differ from products that were not included in the recall: Vehicles not included in 19V743 are not affected.

The recall population includes certain 2018 - 2019 model year Crosstrek vehicles. The number of potentially affected Crosstrek vehicles is 257,661.

Production Dates : MAY 09, 2017 - MAY 08, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Due to improper Engine Control Module (ECM) programming, under certain circumstances, the ignition coil may be energized longer than designed after the engine is OFF. If the ignition coil remains energized for too long, the internal temperature of ignition coil may increase which could cause a short circuit and a blown fuse. If a short circuit occurs while the vehicle is in motion, the vehicle may experience a loss of motive power while driving without the ability to immediately restart the engine.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If a short circuit in the ignition coil occurs while the vehicle is in motion, the vehicle may experience a loss of motive power while driving without the ability to immediately restart the engine, increasing the risk of a crash.

Description of the Cause : Due to improper ECM programming, under certain circumstances, the ignition coil may be energized longer than designed after the engine is OFF. Subaru has determined that the ECM reprogramming was effective for vehicles that were repaired under 19V743. However, Subaru determined that all ignition coils should be replaced after applying the updated ECM reprogramming.

Identification of Any Warning that can Occur : Occupants may experience irregular vibration or cylinder misfire during vehicle operation.

Involved Components :

Component Name 1 : COIL ASSEMBLY-IGNITION

Component Description : Ignition Coil

Component Part Number : 22433AA741

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

Chronology of defect provided via separate attachment (i.e. Subaru Chronology of Defect (WRE-21).pdf)

Description of Remedy :

Description of Remedy Program : For all of the potentially affected vehicles, Subaru dealers will check the ECM programming version, and if necessary, reprogram the ECM at no cost. Subaru dealers will replace all ignition coils at no cost. If a certain DTC is stored, Subaru dealers will replace the front exhaust pipe at no cost.

How Remedy Component Differs from Recalled Component : The updated ECM program is the same as 19V743. All ignition coils will be replaced.

Identify How/When Recall Condition was Corrected in Production : Updated ECM programming was implemented on the manufacturing line beginning June 19, 2019.

Recall Schedule :

Description of Recall Schedule : Owner notification will occur within 60 days. Dealer notification is scheduled to begin on or about April 16, 2021.

Planned Dealer Notification Date : APR 16, 2021 - APR 23, 2021

Planned Owner Notification Date : MAY 28, 2021 - JUN 11, 2021

* NR - Not Reported