Part 573 Safety Recall Report 19V-743

Manufacturer Name : Subaru of America, Inc.
Submission Date : OCT 18, 2019
NHTSA Recall No. : 19V-743
Manufacturer Recall No. : WUQ-02

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 : 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. 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.

-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 updated ECU control programming are not affected.

The recall population includes certain 2017 - 2020 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 2 : 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. 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.

-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 updated ECU control programming are not affected.

The recall population includes certain 2017 - 2020 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 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. 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.

-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 updated ECU control programming 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 Engine Control Module (ECM) programming, under certain circumstances, the ignition coil may be energized longer than designed after the engine is OFF.
Identification of Any Warning that can Occur :	Occupants may experience irregular vibration or cylinder misfire during vehicle operation.

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 (WUQ-02).pdf)

Description of Remedy :

Description of Remedy Program :	For all of the potentially affected vehicles, Subaru dealers will reprogram the ECM and inspect the ignition coil at no cost. If ignition coil damage is found, the damaged ignition coil will be replaced with a new part at no cost. On vehicles with confirmed ignition coil damage, if a certain DTC is stored, Subaru will replace the front exhaust pipe at no cost.
How Remedy Component Differs from Recalled Component :	The ECM software will be updated with a new version.
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 October 18, 2019.
Planned Dealer Notification Date :	OCT 18, 2019 - OCT 18, 2019
Planned Owner Notification Date :	DEC 13, 2019 - DEC 13, 2019

* NR - Not Reported