

Part 573 Safety Recall Report

19V-352

Manufacturer Name : BMW of North America, LLC**Submission Date :** JUN 05, 2019**NHTSA Recall No. :** 19V-352**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : BMW of North America, LLC

Address : P.O. Box 1227

Westwood NJ 07675-1227

Company phone : 18005257417

Population :

Number of potentially involved : 5,079

Estimated percentage with defect : 13 %

Vehicle Information :

Vehicle 1 : 2019-2020 BMW 2-Series Coupe/Convertible (230i, 230i xDrive, M240i, M240i xDrive), M2 Competition Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 1,691 vehicles were equipped with driver and/or front passenger knee air bag modules that may not have been produced to specifications.

Basis for recall population determination: Supplier production information was used to identify the start date and end date of potentially affected driver and/or front passenger knee air bag modules, which was then correlated with vehicle assembly information to determine the start date and end date of potentially affected vehicles.

Recall component difference to non-recall component: The driver and/or front passenger knee air bag modules were incorrectly folded and assembled into the air bag housing.

Production Dates : FEB 21, 2019 - MAY 02, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2019-2019 BMW 3-Series Sports Wagon (330i xDrive Sportswagon)

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Approximately 154 vehicles were equipped with driver and/or front passenger knee air bag modules that may not have been produced to specifications.

Basis for recall population determination: Supplier production information was used to identify the start date and end date of potentially affected driver and/or front passenger knee air bag modules, which was then correlated with vehicle assembly information to determine the start date and end date of potentially affected vehicles.

Recall component difference to non-recall component: The driver and/or front passenger knee air bag modules were incorrectly folded and assembled into the air bag housing.

Production Dates : FEB 20, 2019 - MAY 02, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2019-2020 BMW 4-Series Coupe/Convertible (430i, 430i xDrive, 440i, 440i xDrive), M4 Coupe/Convertible

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 2,357 vehicles were equipped with driver and/or front passenger knee air bag modules that may not have been produced to specifications.

Basis for recall population determination: Supplier production information was used to identify the start date and end date of potentially affected driver and/or front passenger knee air bag modules, which was then correlated with vehicle assembly information to determine the start date and end date of potentially affected vehicles.

Recall component difference to non-recall component: The driver and/or front passenger knee air bag modules were incorrectly folded and assembled into the air bag housing.

Production Dates : FEB 18, 2019 - MAY 02, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2020-2020 BMW 4-Series Grand Coupe (430i, 430i xDrive, 440i, 440i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 877 vehicles were equipped with driver and/or front passenger knee air bag modules that may not have been produced to specifications.

Basis for recall population determination: Supplier production information was used to identify the start date and end date of potentially affected driver and/or front passenger knee air bag modules, which was then correlated with vehicle assembly information to determine the start date and end date of potentially affected vehicles.

Recall component difference to non-recall component: The driver and/or front passenger knee air bag modules were incorrectly folded and assembled into the air bag housing.

Production Dates : MAR 07, 2019 - MAY 02, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : This safety recall involves the driver and front passenger knee air bag modules. Affected vehicles were equipped with knee air bag modules that may not have been produced to specifications. Specifically, improper folding of the air bags and assembly into the air bag housing could cause the knee airbags to become damaged during air bag deployment. If this were to occur, the knee air bag would not adequately inflate.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In a crash of sufficient severity, the knee air bags may not function as designed which could affect restraint performance and increase the risk of injury.

Description of the Cause : The driver and passenger knee air bag modules were incorrectly folded and assembled into the air bag housing by the supplier.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Joyson Safety Systems

Address : Str. A.I. Cuza, Nr. 1
Curtici Arad FOREIGN STATES 315200

Country : Romania

Chronology :

On April 24, 2019, BMW was informed by the supplier that during routine conformity-of-production tests at high temperature (85°C and 75°C), passenger knee airbags were damaged during deployment.

Initial analyses were conducted to check knee air bag modules of a specific production batch.

Additional tests were conducted at various ambient temperatures to evaluate affected temperature ranges and limits. The results showed that the knee airbags could be damaged during deployment at high temperature and also at room temperature.

A review of the manufacturing process at the supplier's plant in Curtici/Romania was initiated. The results showed that the air bags were folded improperly and inadequately assembled/stowed into the air bag housing.

Based on the supplier's production records, potentially affected air bag modules were identified. BMW reviewed and analyzed its vehicle production records to identify potentially affected vehicles.

On May 2, 2019, BMW decided to conduct a voluntary recall.

BMW has not received any reports, nor is BMW otherwise aware, of any accidents or injuries related to this issue.

Description of Remedy :

Description of Remedy Program : The driver and/or front passenger knee air bag modules will be replaced. Owners will be notified by First Class mail and instructed to take their vehicle to an authorized BMW center to have the remedy performed for free. If this condition were to occur to a potentially affected vehicle prior to the recall, the remedy would be covered by the BMW New Vehicle Limited Warranty program. Therefore, reimbursement for a pre-notification remedy re Part 573.13 and Part 577.11 is not necessary.

How Remedy Component Differs from Recalled Component : Recalled Component: Knee air bag module; p/n 9228652-13, 9228653-13.

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Dealer notification is planned to begin and end on May 9, 2019. Owner notification is planned to begin and end on July 2, 2019.

Planned Dealer Notification Date : MAY 09, 2019 - MAY 09, 2019

Planned Owner Notification Date : JUL 02, 2019 - JUL 02, 2019

* NR - Not Reported