

Part 573 Safety Recall Report

21V-176

Manufacturer Name : BMW of North America, LLC**Submission Date :** MAR 26, 2021**NHTSA Recall No. :** 21V-176**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 : 1,850

Estimated percentage with defect : NR

Vehicle Information :

Vehicle 1 : 2021-2021 BMW 4 Series Convertible (430i, M440i)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 1,850 vehicles have been assembled with a head-thorax air bag in which the deployment timing may not be sufficient in certain side impact collisions.

Basis for recall population determination: All vehicles produced from Start-of-Production (SOP) through March 4, 2021.

Recall component difference to non-recall component: N/A as all vehicles will be of the same build level configuration.

Production Dates : OCT 12, 2020 - MAR 04, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : This safety recall involves the deployment timing of the head-thorax air bag.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In certain side impact collisions, the head-thorax air bag deployment may not be sufficient, which could increase the risk of an injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : N/A - software update

Component Description : N/A - software update

Component Part Number : N/A - software update

Supplier Identification :**Component Manufacturer**

Name : BMW AG

Address : NR

NR

Country : NR

Chronology :

In mid-January 2021, an ECE side impact pole test was conducted on a Model Year 2021 BMW 4 Series Convertible in which the head-thorax air bag did not deploy as intended. Please refer to BMW's February 2, 2021 Foreign Recall report assigned 21F-019 by the agency. At that time, US vehicles were deemed not affected as the issue was thought to be primarily related to the head-thorax air bag design configuration specific for ECE-specification vehicles.

On March 5th, another ECE side impact pole test was conducted in which the performance of the head-thorax air bag did not deploy as intended.

On March 8, 2021, in an abundance of caution, and until further engineering analyses are completed, BMW decided to conduct a voluntary recall for US market vehicles.

Further engineering reviews and tests were conducted. Analyses of the aforementioned ECE tests indicated that the head-thorax air bag did not deploy as intended due to a deployment timing issue.

On March 24, 2021, it was determined that an update to the air bag deployment timing should be implemented for all potentially affected vehicles.

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 remedy consists of an update to the air bag deployment timing.

How Remedy Component Differs from Recalled Component : Recalled Component: N/A – Software update

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

Recall Schedule :

Description of Recall Schedule : Notification to dealers is planned to begin and end on March 15, 2021. Notification to owners is not necessary, as all potentially affected vehicles are at dealers.

Planned Dealer Notification Date : MAR 15, 2021 - MAR 15, 2021

Planned Owner Notification Date : NR - NR

* NR - Not Reported