

Part 573 Safety Recall Report

24V-513

Manufacturer Name : BMW of North America, LLC**Submission Date :** JUL 03, 2024**NHTSA Recall No. :** 24V-513**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 : 394,029

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2006-2011 BMW 3 Series Sedan (323i, 325i, 325xi, 328i, 328xi, 330i, 330xi, 335i, 335xi)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 378,263 vehicles may contain a sport or M-sport steering wheel equipped with a Takata driver's front air bag module that contains a PSDI-5 inflator that could have been installed by an owner, even though it was not officially offered/approved by BMW as a replacement part.

Basis for recall population determination: Vehicle production information and the sport and M-sport steering wheel spare part release date were utilized to determine the start date and end date of potentially affected vehicles.

Recall component difference to non-recall component: The originally equipped air bag module did not contain an inflator with ammonium nitrate.

Production Dates : FEB 01, 2005 - DEC 16, 2011

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2009-2011 BMW 3 Series Sedan (335d)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : Approximately 5,677 vehicles may contain a sport or M-sport steering wheel equipped with a Takata driver's front air bag module that contains a PSDI-5 inflator that could have been installed by an owner, even though it was not officially offered/ approved by BMW as a replacement part.

Basis for recall population determination: Vehicle production information and the sport and M-sport steering wheel spare part release date were utilized to determine the start date and end date of potentially affected vehicles.

Recall component difference to non-recall component: The originally equipped air bag module did not contain an inflator with ammonium nitrate.

Production Dates : JUL 25, 2008 - AUG 11, 2011

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2006-2012 BMW 3 Series Sportswagon (325xi, 328i, 328xi)

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Approximately 10,089 vehicles may contain a sport or M-sport steering wheel equipped with a Takata driver's front air bag module that contains a PSDI-5 inflator that could have been installed by an owner, even though it was not officially offered/ approved by BMW as a replacement part.

Basis for recall population determination: Vehicle production information and the sport and M-sport steering wheel spare part release date were utilized to determine the start date and end date of potentially affected vehicles.

Recall component difference to non-recall component: The originally equipped air bag module did not contain an inflator with ammonium nitrate.

Production Dates : AUG 23, 2005 - MAY 29, 2012

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Certain vehicles may contain a sport or M-sport steering wheel equipped with a Takata driver's front air bag module that contains a PSDI-5 inflator that could have been installed by an owner, even though it was not officially offered/ approved by BMW as a replacement part. The originally equipped air bag module did not contain an inflator with ammonium nitrate.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : As noted in Section 4 of Takata's Defect Information Report, 16E-005, the Takata PSDI-5 inflator propellant may experience an alteration over time, which could potentially lead to overly aggressive combustion in the event of air bag deployment. Depending on the circumstances, this potential could create excessive internal pressure when the air bag is deployed, which could result in the body of the inflator rupturing upon deployment. In the event of an inflator rupture, metal fragments could pass through the air bag cushion material, which may result in injury or death to vehicle occupants.

Description of the Cause : Based upon Takata's investigation and independent test laboratories to date, the potential for such ruptures may occur in some of the subject inflators after several years of exposure to persistent conditions of high absolute humidity, high temperatures, and high temperature cycling. In addition, the potential for rupturing may also depend on other factors, including the specific vehicle environment, the inflator and propellant configuration, and manufacturing variability of the air bag modules.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Driver Air Bag Module

Component Description : Driver Air Bag Module

Component Part Number : 6779826, 6884328, 6779827, 6884329, 6789943, 6884330

Supplier Identification :**Component Manufacturer**

Name : New Leaf LLC

Address : 4715 Yadkinville Rd

Unit 369 Pfafftown North Carolina 27040

Country : United States

Chronology :

On May 19, 2015, the National Highway Traffic Safety Administration (NHTSA) announced that Takata entered into a Consent Order with NHTSA and that Takata acknowledged that a defect related to motor vehicle safety may arise in some of the air bag inflators that Takata manufactured for certain vehicles sold in the US. Specifically, in the 16E-005 Defect Information Report filed with NHTSA on January 25, 2016, Takata reported that it has determined that a defect related to motor vehicle safety may arise in some PSDI-5 inflators, including those installed in certain BMW vehicles.

In early 2024, as a result of a non-US parts collection/analysis program, it was decided to perform a recall in certain non-US markets in which certain PSDI-5 inflators had not yet been subject to a recall. At that time, certain non-US market vehicles were already subject to a PSDI-5 recall, and all US market vehicles originally equipped with the PSDI-5 inflator had been subject to a recall for a number of years.

Non-US dealers started reporting that some vehicles were arriving for service and, although not subject to the recall, contained a potentially affected inflator. Reviews and analyses of this information were initiated.

Discussions occurred regarding the possibility that US market customers could have changed their vehicle's original production configuration steering wheel, via an unapproved replacement process, to a sport or M-sport steering wheel, with the unintended consequence of replacing an ammonium nitrate-free air bag inflator with a PSDI-5 inflator. Further reviews and analyses confirmed this hypothesis.

On June 26, 2024, BMW decided in an abundance of caution to conduct a safety recall to identify, inspect and, if necessary, replace the inflator in the driver's front air bag module on potentially affected vehicles.

BMW has not received any reports, nor is BMW otherwise aware, of any accidents or injuries, in the US, that may be related to this issue.

Description of Remedy :

Description of Remedy Program : The driver's air bag module will be checked and, if an applicable Takata inflator is identified, it will be replaced.

Owners will be notified by First Class mail with instructions regarding this recall and to, if necessary, take their vehicle to an authorized BMW center to have the remedy performed for free. Owners who have replaced the air bag module at their own expense prior to the recall notification may be eligible for reimbursement according to BMW Group's reimbursement plan in accordance with 49 CFR 573.13 and 49 CFR 577.11.

How Remedy Component Differs Recalled component: Driver Air Bag Module; p/n -

from Recalled Component : 6779826, 6884328, 6779827, 6884329, 6789943, 6884330

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

Recall Schedule :

Description of Recall Schedule : Recall notification to dealers is planned to begin and end on July 10, 2024. Recall notification to owners is planned to begin and end on August 23, 2024.

Planned Dealer Notification Date : JUL 10, 2024 - JUL 10, 2024

Planned Owner Notification Date : AUG 23, 2024 - AUG 23, 2024

* NR - Not Reported