

# Part 573 Safety Recall Report

# 19V-015

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** JAN 14, 2019**NHTSA Recall No. :** 19V-015**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 : 170,148

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2000-2003 BMW 5 Series Sedan (525i, 530i, 540i)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

**Descriptive Information :** Certain vehicles may contain a sport steering wheel equipped with a Takata driver's front air bag module that contains a PSDI-4 inflator that could have been installed as a replacement /spare part.

**Basis for recall population determination:** Vehicle production information and the 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 Autoliv-supplied air bag module did not contain an inflator with ammonium nitrate.

Production Dates : SEP 01, 2000 - JUL 02, 2003

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2000-2003 BMW 5 Series Sports Wagon (525i and 540i)

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

**Descriptive Information :** Certain vehicles may contain a sport steering wheel equipped with a Takata driver's front air bag module that contains a PSDI-4 inflator that could have been installed as a replacement /spare part.

**Basis for recall population determination:** Vehicle production information and the 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

Autoliv-supplied air bag module did not contain an inflator with ammonium nitrate.

Production Dates : SEP 01, 2000 - JUL 04, 2003

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2000-2004 BMW X5 SAV (3.0i, 4.4i, 4.6is)

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

**Descriptive Information :** Certain vehicles may contain a sport steering wheel equipped with a Takata driver's front air bag module that contains a PSDI-4 inflator that could have been installed as a replacement /spare part.

**Basis for recall population determination:** Vehicle production information and the 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 TRW-supplied air bag module did not contain an inflator with ammonium nitrate.

Production Dates : APR 02, 2000 - SEP 30, 2003

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

**Description of the Defect :** Certain vehicles may contain a sport steering wheel equipped with a Takata driver's front air bag module that contains a PSDI-4 inflator that could have been installed as a replacement /spare part. The originally equipped Autoliv-supplied air bag module (BMW 5 Series) and TRW-supplied air bag module (BMW X5 SAV) 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, 15E-040, the Takata PSDI-4 inflator propellant wafers 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 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 NR  
that can Occur :

## Supplier Identification :

### Component Manufacturer

Name : Takata (TK Global LLC)

Address : 111 Peyerk Court  
Romeo MICHIGAN 48065

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 15E-040 Defect Information Report filed with NHTSA on May 18, 2015, Takata reported that it has determined that a defect related to motor vehicle safety may arise in some PSDI-4 inflators, including those installed in certain BMW vehicles.

In July and September of 2018, BMW received a number of customer contacts regarding the sport steering wheel equipped in their vehicle. Based upon these contacts, an analysis of vehicle production information and warranty claim records was initiated. The analysis indicated that the sport steering wheel that was available and used in the 3 Series, was also released as a spare part for certain 5 Series and X5 vehicles.

After extensive analyses, it was not possible to determine the specific vehicles in which the original steering wheel had been replaced with the sport version. However, the analyses of parts sales records indicated that approximately 6,000 sport steering wheels were shipped to the US market for replacement / spare parts.

On January 7, 2019, 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.

## Description of Remedy :

Description of Remedy Program : The driver's air bag module will be checked and if a Takata inflator is found, it 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. 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 from Recalled Component : Recalled component: Driver Air Bag Module; p/n - 6757891

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 January 14, 2019.  
Recall notification to owners is planned to begin and end on March 4, 2019.

Planned Dealer Notification Date : JAN 14, 2019 - JAN 14, 2019

Planned Owner Notification Date : MAR 04, 2019 - MAR 04, 2019

\* NR - Not Reported