

Part 573 Safety Recall Report

24V-527

Manufacturer Name : BMW of North America, LLC

Submission Date : JUL 11, 2024

NHTSA Recall No. : 24V-527

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 : 1,145

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2015-2015 BMW 6 Series Gran Coupe (640i, 640i xDrive, 650i, 650i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 41 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The inflator may contain a supplier production anomaly.

Production Dates : APR 02, 2014 - MAY 09, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2014-2014 BMW 5 Series Gran Turismo (535i, 535i xDrive, 550i)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 7 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The inflator may contain a supplier production anomaly.

Production Dates : APR 03, 2014 - APR 15, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2014-2014 BMW 5 Series Sedan (528i, 528i xDrive, 535i, 535i xDrive, 550i, 550i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 109 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The inflator may contain a supplier production anomaly.

Production Dates : APR 03, 2014 - APR 16, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2014-2014 BMW 5 Series Sedan (535d, 535d xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : Approximately 12 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The inflator may contain a supplier production anomaly.

Production Dates : APR 03, 2014 - APR 15, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2014-2014 BMW 5 Series Sedan (ActiveHybrid5)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 1 vehicle was equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The inflator may contain a supplier production anomaly.

Production Dates : APR 14, 2014 - APR 14, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2015-2015 BMW 6 Series Convertible (640i xDrive, 650i, 650i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 17 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The inflator may contain a supplier production anomaly.

Production Dates : APR 03, 2014 - APR 15, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 7 : 2015-2015 BMW 6 Series Coupe (640i xDrive, 650i, 650i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 7 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The inflator may contain a supplier production anomaly.

Production Dates : APR 02, 2014 - APR 15, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 8 : 2014-2014 BMW X5 (X5 xDrive35d)

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : DIESEL

Descriptive Information : Approximately 199 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The inflator may contain a supplier production anomaly.

Production Dates : FEB 07, 2014 - JUL 07, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 9 : 2014-2014 BMW X5 (X5 sDrive35i, X5 xDrive35i, X5 xDrive50i)

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 208 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The inflator may contain a supplier production anomaly.

Production Dates : FEB 16, 2014 - JUL 10, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 10 : 2013-2014 BMW X3 (X3 xDrive28i, X3 xDrive35i)

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 324 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The inflator may contain a supplier production anomaly.

Production Dates : SEP 07, 2012 - MAR 05, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 11 : 2014-2015 BMW 3 Series Sedan (320i, 320i xDrive, 328i, 328i xDrive, 335i, 335i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 56 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The inflator may contain a supplier production anomaly.

Production Dates : APR 11, 2014 - AUG 28, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 12 : 2014-2014 BMW 3 Series Sedan (328d)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : Approximately 6 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The inflator may contain a supplier production anomaly.

Production Dates : APR 12, 2014 - APR 17, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 13 : 2014-2014 BMW 4 Series Coupe (428i, 428i xDrive, 435i, 435i xDrive, M4)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 127 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The inflator may contain a supplier production anomaly.

Production Dates : APR 11, 2014 - JUN 16, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 14 : 2014-2014 BMW 4 Series Convertible (428i, 435i)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 11 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The inflator may contain a supplier production anomaly.

Production Dates : APR 14, 2014 - MAY 23, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 15 : 2014-2014 BMW 3 Series Gran Turismo (328i xDrive, 335i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 7 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.

Basis for recall population determination:

Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:

The inflator may contain a supplier production anomaly.

Production Dates : APR 03, 2014 - APR 16, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 16 : 2015-2015 BMW 4 Series Gran Coupe (428i, 428i xDrive)
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS

Descriptive Information : Approximately 13 vehicles were equipped with a Takata PSDI-X driver's front air bag inflator which may contain a supplier production anomaly.

Basis for recall population determination:
Vehicle manufacturing information and supplier production records were reviewed to determine the number and production date range of potentially affected vehicles.

Recall component difference to non-recall component:
The inflator may contain a supplier production anomaly.

Production Dates : APR 11, 2014 - APR 15, 2014

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : This safety recall involves the driver's front air bag. Potentially affected vehicles were equipped with a Takata PSDI-X inflator in which there may have been a welding process issue during inflator production at Takata in Monclova, Mexico.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The inflator could rupture, which could result in injury or death to vehicle occupants.

Description of the Cause : NR

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : Driver's Front Air Bag

Component Description : Driver's Front Air Bag

Component Part Number : 7849764, 7845796, 7845798, 6799611, 6868412, 6859516, 6865326, 6799612, 6868413, 6859518, 6865360

Supplier Identification :**Component Manufacturer**

Name : New Leaf LLC

Address : 4715 Yadkinville Rd

Unit 369 Pfafftown North Carolina 27040

Country : United States

Chronology :

Please refer to BMW's Part 573 report submitted on November 24, 2023 assigned NHTSA Recall ID 23V-797, as well as similar reports and recalls in 2016 and 2017. As noted in the reports, information suggested that there may have been an anomaly during a specific time period involving inflator production at the supplier. As indicated in the 2023 report, analyses would continue to be performed, and the field would continue to be monitored.

In late 2023, on-site inspections at the supplier's production facility in Monclova, Mexico were performed.

Between January and March 2024, in-depth analyses were conducted including a review of weld seam production process and quality assurance information. In April, it was suggested that, due to several factors, unwanted variations in the welding process could have occurred when joining the inflator base plate and cap. In order to evaluate these potential factors, approximately 180 inflators were specifically produced for a test and analysis program.

Between May and June, these analyses were conducted, including a review of potentially affected vehicle production.

On July 3, 2024, BMW decided to conduct a voluntary safety recall for vehicles containing inflators from additional potentially affected inflator production lots.

Description of Remedy :

Description of Remedy Program : The driver's front air bag will be replaced.

Owners will be notified by First Class mail advising them of the recall and to schedule an appointment with an authorized BMW dealer to have the remedy performed for free. Although unlikely, owners who have had this remedy performed 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 Recall component: Driver's Front Air Bag – Part number: 7849764,

from Recalled Component : 7845796, 7845798, 6799611, 6868412, 6859516, 6865326, 6799612,
6868413, 6859518, 6865360

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

Recall Schedule :

Description of Recall Schedule : Dealer notification is expected to begin and end on July 12, 2024.

Owner notification is expected to begin and end on September 2, 2024.

Planned Dealer Notification Date : JUL 12, 2024 - JUL 12, 2024

Planned Owner Notification Date : SEP 02, 2024 - SEP 02, 2024

* NR - Not Reported