

**Part 573 Safety Recall Report****15V-628****Manufacturer Name :** BMW of North America, LLC**Submission Date :** OCT 02,2015**NHTSA Recall No. :** 15V-628**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : BMW of North America, LLC

Address : P.O. Box 1227

200 Chestnut Ridge Road Westwood NJ 07675-122

Company phone : 999-999-9999

**Population :**

Number of potentially involved : 6,073

Estimated percentage with defect : 1

**Vehicle Information :**

Vehicle : 2014-2016 MINI Cooper S

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Affected vehicles may not fully conform to Section 21.4 and 22.4 of FMVSS 208 ("Occupant Crash Protection"). Approximately 2,192 vehicles are affected.

Production Dates : MAR 10, 2014 - AUG 24, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2014-2016 MINI Cooper

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Affected vehicles may not fully conform to Section 21.4 and 22.4 of FMVSS 208 ("Occupant Crash Protection"). Approximately 1,749 vehicles are affected.

Production Dates : MAR 10, 2014 - AUG 24, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

 Not sequential VINs

Vehicle : 2015-2016 MINI John Cooper Works

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Affected vehicles may not fully conform to Section 21.4 and 22.4 of FMVSS 208 ("Occupant Crash Protection"). Approximately 81 vehicles are affected.

Production Dates : APR 07, 2015 - AUG 10, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

Not sequential VINs

Vehicle : 2015-2016 MINI Cooper S

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Affected vehicles may not fully conform to Section 21.4 and 22.4 of FMVSS 208  
("Occupant Crash Protection"). Approximately 552 vehicles are affected.

Production Dates : MAR 27, 2015 - AUG 10, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

Not sequential VINs

Vehicle : 2015-2016 MINI Cooper

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Affected vehicles may not fully conform to Section 21.4 and 22.4 of FMVSS 208  
("Occupant Crash Protection"). Approximately 576 vehicles are affected.

Production Dates : APR 01, 2015 - AUG 10, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

Not sequential VINs

Vehicle : 2014-2015 BMW i3

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : Affected vehicles may not fully conform to Section 21.4 and 22.4 of FMVSS 208  
("Occupant Crash Protection"). Approximately 923 vehicles are affected.

Production Dates : MAR 17, 2014 - AUG 17, 2015

**VIN (Vehicle Identification Number) Range**

Begin : NR

End : NR

Not sequential VINs

**Description of Noncompliance :**

Description of the Noncompliance : This non-compliance involves the passenger-side front air bag module.  
Due to a supplier error in the manufacturing process, internal components of the air bag inflator were not assembled as specified. Therefore, a

sufficient margin of compliance with the requirements contained in FMVSS 208 Section 21.4 and 22.4 cannot be ensured.

FMVSS 1 : 208 - Occupant crash protection

FMVSS 2 : NR

Description of the Safety Risk : In a low speed crash (out-of-position/low risk deployment) in which the passenger-side front air bag deploys with the first stage only, inappropriate air bag restraint may be provided to the passenger, increasing the risk of injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

**Supplier Identification :**

**Component Manufacturer**

Name : Takata AG

Address : Global Quality Assurance

Bahnweg 1 63743 Aschaffenburg FOREIGN STATES

Country : Germany

**Chronology :**

On July 23, 2015, BMW AG was informed by its supplier Takata of a possible issue with the passenger-side front air bag system. In two FMVSS 208 Out-of-Position tests conducted by Takata, the passenger-side front air bag showed a different deployment output than expected.

BMW conducted internal reviews and analyses to analyze the defect in the affected parts. This analysis indicated that the disposal ignition of the 2nd stage can happen with an unspecified time delay. Initial supplier analysis indicated a manufacturing error by a sub-supplier (ARC) specifically, the production of the 2nd stage parts was out of specification, Assembly plant documentation and quality control procedures of the sub-supplier were reviewed.

The sub-supplier and supplier subsequently determined from its component production records the particular inflators and air bag modules, respectively, potentially not produced according to specification. These parts were identifiable by date codes contained on the parts. The exact period was determined in which the supplier delivered the defective air bag modules to BMW.

In September, additional Out-of-Position tests were conducted at BMW to evaluate the air bag restraint performance. The results indicated that conformance to Sections 21.4 and 22.4 of FMVSS 208 might not be fulfilled.

Production and manufacturing records were examined in order to determine the quantity and production date range of potentially affected vehicles equipped with the potentially defective air bag modules. BMW is continuing the analysis of the information the supplier provided in order to determine if the selection of affected vehicles needs to be revised.

On September 25, 2015, 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 passenger-side front air bag module will be replaced.

How Remedy Component Differs from Recalled Component : NR

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

**Recall Schedule :**

Description of Recall Schedule : NR

Planned Dealer Notification Date : OCT 02, 2015 - NR

Planned Owner Notification Date : NOV 20, 2015 - NOV 30, 2015

\* NR - Not Reported