

# Part 573 Safety Recall Report

# 16V-653

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** SEP 08, 2016**NHTSA Recall No. :** 16V-653**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 : 66

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2016-2016 BMW M2 Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Five (5) vehicles were repaired possibly using existing, instead of new, rear sub-frame bolts to replace the rear differential.

Production Dates : MAY 31, 2016 - JUN 20, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2015-2016 BMW M3 Sedan

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Thirty-two (32) vehicles were repaired possibly using existing, instead of new, rear sub-frame bolts to replace the rear differential.

Production Dates : JUN 17, 2014 - JUN 13, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2015-2016 BMW M4 Coupe

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Twenty-six (26) vehicles were repaired possibly using existing, instead of new, rear sub-frame bolts to replace the rear differential.

Production Dates : MAY 02, 2014 - JUN 14, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 4 : 2015-2016 BMW M4 Convertible

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Three (3) vehicles were repaired possibly using existing, instead of new, rear sub-frame bolts to replace the rear differential.

Production Dates : MAY 29, 2015 - MAY 27, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

Description of the Defect : This safety recall involves the use of rear sub-frame bolts which are specified as a one-time-use fastener during the vehicle assembly process. When replacing the rear differential on certain vehicles in service, these bolts may have been reused instead of using new bolts.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If these bolts were reused, it is possible that the clamp force may not be achieved when torquing down the bolts, and therefore, they could loosen over time. This could affect vehicle handling and control, and increase the risk of a crash.

Description of the Cause : The repair instructions did not state to use new rear sub-frame bolts.

Identification of Any Warning that can Occur : During aggressive tight turns, noise may be heard from the area of the rear axle.

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

**Chronology :**

On July 15, 2016, BMW implemented a service action with customer notification involving the rear differential on certain Model Year 2016 BMW M vehicles.

At the end of August, during a review of service action documentation, BMW became aware that the repair instructions were incorrect. The instructions did not state to use new rear sub-frame bolts during the repair. Consequently, the existing rear sub-frame bolts were possibly reused.

Service action records were examined in order to determine the specific vehicles affected. During this review, several additional vehicles were identified as having had their rear differential replaced for various issues prior to the service action. Those vehicles may also have had their existing rear sub-frame bolts reused.

On September 2, 2016, BMW decided to conduct a voluntary safety 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 rear sub-frame bolts will be replaced with new bolts.

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 : SEP 08, 2016 - NR

Planned Owner Notification Date : OCT 24, 2016 - NR

\* NR - Not Reported