

# Part 573 Safety Recall Report

# 18V-732

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** OCT 17, 2018**NHTSA Recall No. :** 18V-732**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 : 172

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2019-2019 BMW X5 xDrive40i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

**Descriptive Information :** Approximately 172 vehicles were equipped with a Body Domain Controller (BDC) control unit that contains one or more capacitors that may not have been produced to supplier specifications.

**Basis for recall population determination:** Supplier production records were used to determine the start and end date of potentially affected BDC control units which was correlated to vehicle assembly information to determine the start date (9/06/2018) and end date (10/09/2018) of potentially affected vehicles.

**Recall component difference to non-recall component:** Recall component contains one or more capacitors that may not have been produced to supplier specifications.

Production Dates : SEP 06, 2018 - OCT 09, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

**Description of the Defect :** This safety recall involves the Body Domain Controller (BDC) control unit. The BDC control unit contains one or more capacitors that may not have been produced to supplier specifications.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** The BDC control unit could cause short circuit. If a short circuit occurs, it could lead to overheating of the BDC control unit causing an unpleasant odor and visible smoke, possibly distracting a driver, and increasing the risk of a crash. In some cases, it could also lead to overheating of other vehicle components, causing a thermal event, and increasing the risk of an injury.

**Description of the Cause :** NR

**Identification of Any Warning that can Occur :** The driver may notice an unpleasant odor or visible smoke.

## Supplier Identification :

### Component Manufacturer

**Name :** Flextronics International USA, Inc.

**Address :** 27755 Stansbury Blvd.  
Farmington Hills MICHIGAN 48334

**Country :** United States

## Chronology :

On October 1, 2018, at the vehicle assembly plant, four vehicles were observed with an unusual odor and smoke developing within the vehicle interior. The vehicles were inspected and found to contain damaged Body Domain Controller (BDC) control units. Additional vehicles were identified at the assembly plant containing the same condition. The supplier was immediately contacted.

A review of engineering, quality, and sub-supplier technical and purchasing information was conducted. It was determined that certain BDC control units had been produced using one or more capacitors that may not have been produced to supplier specifications. Based upon supplier production information, the supplier was able to identify potentially affected BDC control units. Vehicle assembly information was used to determine the number and production range of potentially affected vehicles.

On October 10, 2018, 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 BDC control unit will be replaced. All potentially affected vehicles are at dealers. Therefore, Part 577 owner notification is not necessary, including reimbursement for a pre-notification remedy re Part 573.13 and Part 577.11.

How Remedy Component Differs from Recalled Component : Recalled Component: BDC: p/n 9442366, 9442368

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

## Recall Schedule :

Description of Recall Schedule : Notification to dealers is planned to begin and end on Oct 17, 2018. Notification to owners is not necessary as all potentially affected vehicles are at dealers.

Planned Dealer Notification Date : OCT 17, 2018 - OCT 17, 2018

Planned Owner Notification Date : NR - NR

\* NR - Not Reported