

# Part 573 Safety Recall Report

# 18V-755

**Manufacturer Name :** BMW of North America, LLC**Submission Date :** DEC 28, 2018**NHTSA Recall No. :** 18V-755**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 : 44,368

Estimated percentage with defect : 1 %

**Vehicle Information :**

Vehicle 1 : 2013-2018 BMW 328d, 328d xDrive

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

**Descriptive Information :** Approximately 12,781 Model Year 2013-2018 BMW 328d and 328d xDrive Diesel engine vehicles were equipped with an Exhaust Gas Recirculation (EGR) module with an integrated cooling component ("cooler") that, over time, could start to internally leak glycol coolant.

**Basis for recall population determination:** Supplier production information was used to identify the start date and end date of potentially affected EGR modules, of a specific design configuration, which was correlated to vehicle assembly information to determine the start date (09/12/2012) and end date (06/09/2017) of potentially affected vehicles.

**Recall component differentiation to non-recall component:** Recall component was not produced with sufficient long-term durability characteristics.

**Production Dates :** SEP 12, 2012 - JUN 29, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2014-2018 BMW 328d Sports Wagon, 328d xDrive Sports Wagon

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : DIESEL

**Descriptive Information :** Approximately 4,766 Model Year 2014-2018 BMW 328d Sports Wagon and 328d xDrive Sports Wagon Diesel engine vehicles were equipped with an Exhaust Gas Recirculation (EGR) module with an integrated cooling component ("cooler") that, over time, could start to internally leak glycol coolant.

**Basis for recall population determination:** Supplier production information was used

to identify the start date and end date of potentially affected EGR modules, of a specific design configuration, which was correlated to vehicle assembly information to determine the start date (03/21/2013) and end date (04/24/2017) of potentially affected vehicles.

Recall component differentiation to non-recall component: Recall component was not produced with sufficient long-term durability characteristics.

Production Dates : MAR 21, 2013 - APR 24, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2014-2016 BMW 535d, 535d xDrive

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : Approximately 7,551 Model Year 2014-2016 BMW 535d and 535d xDrive Diesel engine vehicles were equipped with an Exhaust Gas Recirculation (EGR) module with an integrated cooling component ("cooler") that, over time, could start to internally leak glycol coolant.

Basis for recall population determination: Supplier production information was used to identify the start date and end date of potentially affected EGR modules, of a specific design configuration, which was correlated to vehicle assembly information to determine the start date (02/12/2013) and end date (09/30/2016) of potentially affected vehicles.

Recall component differentiation to non-recall component: Recall component was not produced with sufficient long-term durability characteristics.

Production Dates : FEB 12, 2013 - SEP 30, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2015-2015 BMW 740Ld xDrive

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : Approximately 331 Model Year 2015 BMW 740Ld xDrive Diesel engine vehicles were equipped with an Exhaust Gas Recirculation (EGR) module with an integrated cooling component ("cooler") that, over time, could start to internally leak glycol coolant..

Basis for recall population determination: Supplier production information was used to identify the start date and end date of potentially affected EGR modules, of a specific design configuration, which was correlated to vehicle assembly information to determine the start date (02/13/2014) and end date (05/08/2015) of potentially affected vehicles.

Recall component differentiation to non-recall component: Recall component was

not produced with sufficient long-term durability characteristics.

Production Dates : FEB 13, 2014 - MAY 08, 2015

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2015-2017 BMW X3 xDrive28d SAV

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : DIESEL

**Descriptive Information :** Approximately 4,061 Model Year 2015-2017 BMW X3 xDrive28d Diesel engine vehicles were equipped with an Exhaust Gas Recirculation (EGR) module with an integrated cooling component ("cooler") that, over time, could start to internally leak glycol coolant.

**Basis for recall population determination:** Supplier production information was used to identify the start date and end date of potentially affected EGR modules, of a specific design configuration, which was correlated to vehicle assembly information to determine the start date (02/17/2014) and end date (12/21/2016) of potentially affected vehicles.

**Recall component differentiation to non-recall component:** Recall component was not produced with sufficient long-term durability characteristics.

Production Dates : FEB 17, 2014 - DEC 21, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2014-2017 BMW X5 xDrive35d SAV

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : DIESEL

**Descriptive Information :** Approximately 14,878 Model Year 2014-2017 BMW X5 xDrive35d Diesel engine vehicles were equipped with an Exhaust Gas Recirculation (EGR) module with an integrated cooling component ("cooler") that, over time, could start to internally leak glycol coolant.

**Basis for recall population determination:** Supplier production information was used to identify the start date and end date of potentially affected EGR modules, of a specific design configuration, which was correlated to vehicle assembly information to determine the start date (05/07/2013) and end date (06/19/2017) of potentially affected vehicles.

**Recall component differentiation to non-recall component:** Recall component was not produced with sufficient long-term durability characteristics.

Production Dates : MAY 07, 2013 - JUN 19, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : This safety recall involves the Exhaust Gas Recirculation (EGR) module with an integrated cooling component ("cooler"). Over time, it is possible for an internal leak to start within the EGR cooler.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : During vehicle operation, if an internal coolant leak were to start within the EGR cooler, the fluid could mix with normal diesel engine soot/sediment. In combination with high temperatures normally present in the EGR module, this might result in smoldering particles. In very rare cases, this could lead to the melting of the intake manifold, and in extremely rare cases result in a possible fire.

Description of the Cause : NR

Identification of Any Warning that can Occur : During vehicle operation, the driver may be alerted to this condition by one or more of the following: A warning symbol in the instrument cluster displaying a loss of engine coolant, a reduction in engine power, an unpleasant odor (exhaust gas), an unusual noise from the engine compartment, and/or smoke from the engine compartment.

**Supplier Identification :****Component Manufacturer**

Name : KORENS Co. Ltd.

Address : 857-5 Eogok-dong

Yangsan-si Gyeongsangnam-do FOREIGN STATES

Country : Korea, Republic of

**Chronology :**

On July 19, 2018, BMW decided to conduct a safety recall in the Korean market. On July, 26, 2018, BMW submitted the required Part 579 report, to which NHTSA assigned "18F-137" as the Foreign Recall ID.

On September 5, 2018, BMW met with NHTSA and explained the EGR system differences between vehicles in the US market and vehicles in other markets, and provided a summary of US field data which included warranty claims (97), consumer complaints (4) and field reports (14) indicating coolant leak warnings, drivability concerns, or damage to the intake manifold. BMW stated that, based upon its initial analysis, the

preliminary information indicated that a thermal event would not occur. BMW also stated that it would continue to closely monitor the field.

In October 2018, further in-depth analyses indicated that it was possible that one incident could be attributed to this issue.

BMW vehicle assembly records were reviewed to determine the number and production range of potentially affected vehicles.

On October 19, 2018, in an abundance of caution, 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 EGR cooler will be inspected and, if necessary, replaced. If it is determined that the EGR cooler has internally leaked, the engine intake manifold will also be replaced. The EGR pipe connecting the cooler to the manifold will be cleaned.

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 EGR cooler 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: EGR cooler; p/n – model dependent (7823210, 8517724, 8513693)

**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 October 25, 2018. Notification to owners is planned to begin and end on December 17, 2018. Interim Owner Notification Letters were mailed. Final Owner Notification Letters will be mailed as parts become available.

**Planned Dealer Notification Date :** OCT 25, 2018 - OCT 25, 2018

Planned Owner Notification Date : DEC 17, 2018 - DEC 17, 2018

\* NR - Not Reported