

Part 573 Safety Recall Report

22V-614

Manufacturer Name : BMW of North America, LLC

Submission Date : AUG 10, 2022

NHTSA Recall No. : 22V-614

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 : 298

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2018-2018 BMW 540d xDrive

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : DIESEL

Descriptive Information : Approximately 298 Model Year 2018 BMW 540d 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.

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

Production Dates : OCT 09, 2017 - JUN 25, 2018

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.

Involved Components :

Component Name 1 : EGR module

Component Description : EGR module

Component Part Number : 8570655

Supplier Identification :

Component Manufacturer

Name : Benteler Automobiltechnik GmbH

Address : Ziegeleistrasse 7

Lichtenau-Kleinenberg Foreign States

Country : Germany

Chronology :

Please refer to BMW's November 19, 2021 Part 573 report (NHTSA Recall ID 21V-907), and October 25, 2018 Part 573 report (NHTSA Recall ID 18V-755). After implementation of these recalls, the field continued to be monitored for any further actions, if warranted.

The vehicles subject to this 2022 decision have a different design and manufacturer of the EGR cooler than the vehicles subject to 21V-907 and 18V-755. At the time, the field data for the vehicles subject to this 2022 decision indicated that an action was not necessary.

After further worldwide field monitoring, and a comprehensive review of field data, including statistical forecasting, it was indicated that the specific EGR cooler for the vehicles subject to this 2022 decision may not be sufficiently robust over a vehicle's lifetime. Therefore, BMW has decided to perform a worldwide field action for these specific vehicles, and to also include the US market. As of the 2022 decision, there are still no

known incidents in the US.

On August 3, 2022, 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 module will be replaced, and the intake manifold will be checked and replaced if necessary.

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 module p/n - 8 570 655

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 August 10, 2022.
Notification to owners is planned to begin and end on October 3, 2022.

Planned Dealer Notification Date : AUG 10, 2022 - AUG 10, 2022

Planned Owner Notification Date : OCT 03, 2022 - OCT 03, 2022

* NR - Not Reported