

Part 573 Safety Recall Report

24V-588

Manufacturer Name : BMW of North America, LLC**Submission Date :** AUG 08, 2024**NHTSA Recall No. :** 24V-588**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 : 15

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 15 Model Year 2018 BMW 540d xDrive Diesel engine vehicles may have received, during a 22V-614 dealer service visit, 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: Warranty claim records and engineering release information were reviewed to identify potentially affected vehicles.

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

Production Dates : OCT 09, 2017 - JUN 18, 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

Description of the Cause : NR

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.

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 Automobiletechnik GmbH

Address : Ziegeleistrasse 7

Lichtenau-Kleinenberg Foreign States 33165

Country : Germany

Chronology :

Please refer to BMW's August 10, 2022 Part 573 report assigned NHTSA Recall ID 22V-614.

In March 2023, subsequent to the implementation of 22V-614, warranty claims were being processed, and it was noticed that some warranty claim records did not include certain details which would indicate that an appropriate EGR replacement part had been used as the remedy part during a dealer service visit.

Between April and September, as additional warranty claims were processed, field monitoring and analyses were performed in an attempt to identify vehicles that may have received an inappropriate EGR replacement part. However, the results were inconclusive.

In October, it was found that at the start of the 2022 campaign, an inspection of the replacement parts inventory may not have been performed. Therefore, it was suggested that inappropriate EGR replacement parts could have entered the spare parts supply chain.

Between November 2023 and June 2024, further reviews were conducted in an attempt to identify potentially affected vehicles with possible suspect replacement parts.

In late July, the analysis concluded that a small number of vehicles may have received a suspect replacement part during a 22V-614 dealer service visit.

On August 1, 2024, 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 inspected and, if necessary, 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 :	EGR Module - part number: 8570655
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 8, 2024. Notification to owners is planned to begin and end on September 30, 2024.
Planned Dealer Notification Date :	AUG 08, 2024 - AUG 08, 2024
Planned Owner Notification Date :	SEP 30, 2024 - SEP 30, 2024

* NR - Not Reported