Part 573 Safety Recall Report 21V-907

Manufacturer Name : BMW of North America, LLC
Submission Date : NOV 19, 2021
NHTSA Recall No. : 21V-907
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 : 50,404
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 14,120 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.

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

Production Dates : SEP 12, 2012 - SEP 05, 2018
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 5,553 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. Recall component difference to non-recall component: Recall component was not produced with sufficient long-term durability characteristics.
Production Dates :	MAR 21, 2013 - SEP 03, 2018
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 7,412 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. Recall component difference to non-recall component: Recall component was not produced with sufficient long-term durability characteristics.
Production Dates :	FEB 12, 2013 - OCT 24, 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 314 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. Recall component difference 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 4,025 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. Recall component difference 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 18,980 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. Recall component difference 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.

Involved Components :

Component Name 1 :	NR
Component Description :	NR
Component Part Number :	NR

Supplier Identification :

Component Manufacturer

Name :	KORENS Inc.
Address :	116, Eogokgongdan-ro, Yangsan-si Gyeongsangnam-do Foreign States 50591
Country :	Korea, Democratic People's Republic of

Chronology :

Please refer to BMW's October 25, 2018 Part 573 report to which assigned Recall ID 18V-755.

After the implementation of 18V-755, the field continued to be monitored for any further actions, if warranted.

After the implementation of 18V-755, foreign recall 20F-080 was implemented. However, substantially similar vehicles in the US had the improved EGR module which appeared to be effective and, therefore, no US efforts were warranted.]

After continuous field monitoring, and a comprehensive review of field data, it was indicated that the EGR cooler may not be sufficiently robust over the vehicle's lifetime. The field data indicated that there was a limited thermal event on a 4-cylinder and a 6-cylinder vehicle which occurred after these vehicles had the 18V-755 recall performed. Therefore, it was decided to readdress this issue and replace the EGR module on all potentially affected vehicles with an improved cooler designed and produced by a new EGR cooler supplier.

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

On November 12, 2021, 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 replaced. The intake manifold will be checked and replaced if necessary. 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 November 18, 2021. Notification to owners is planned to begin and end on January 12, 2022.
Planned Dealer Notification Date :	NOV 19, 2021 - NOV 19, 2021
Planned Owner Notification Date :	JAN 12, 2022 - JAN 12, 2022

* NR - Not Reported