

Part 573 Safety Recall Report

19V-579

Manufacturer Name : BMW of North America, LLC

Submission Date : AUG 06, 2019

NHTSA Recall No. : 19V-579

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 : 41,981

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2008-2012 BMW 1 Series Coupe (128i, 135i, 135is)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 22,188 vehicles were equipped with a blower-regulator wiring harness in which the connectors at the ends of the harness are coated with tin which could lead to fretting corrosion at its connection to the blower-regulator.

Basis for recall population determination: Vehicle assembly and supplier production records were evaluated for the start date of the blower-regulator wiring harness containing silver coated connectors at the ends of the harness.

Recall component differentiation to non-recall component: The recall component (blower-regulator wiring harness) has tin coated connectors at the end of the harness, while the non-recall component has silver coated connectors at the end of the harness.

Production Dates : NOV 01, 2007 - SEP 05, 2011

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2008-2012 BMW 1 Series Convertible (128i, 135i)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 19,793 vehicles were equipped with a blower-regulator wiring harness in which the connectors at the ends of the harness are coated with tin which could lead to fretting corrosion at its connection to the blower-regulator.

Basis for recall population determination: Vehicle assembly and supplier production records were evaluated for the start date of the blower-regulator wiring harness containing silver coated connectors at the ends of the harness.

Recall component differentiation to non-recall component: The recall component (blower-regulator wiring harness) has tin coated connectors at the end of the harness, while the non-recall component has silver coated connectors at the end of the harness.

Production Dates : NOV 12, 2007 - MAY 26, 2011

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : This recall involves the blower-regulator wiring harness. The blower-regulator controls the blower-motor's fan speed (air flow) within the heating and air conditioning system. Over time, irregularities in the crimp connection in conjunction with relative movements of the tin-coated connector at the end of the wiring harness, which connects to the tin-coated blower-regulator pin, could lead to frictional corrosion. In combination with very high current flow, which would occur at maximum blower-motor fan speed, variations in the electrical resistance at this connection could occur, which could lead to a temperature increase.

As a result, the blower-regulator wiring could be damaged, and could lead to partial contact of individual wire strands. This could result in an irregular current flow (i.e., short circuit), and also further overheating.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Potential overheating could occur. If this condition occurs, there is a risk that the heat generated could melt the plastic surrounding the blower-regulator, and increase the risk of a fire.

Description of the Cause : NR

Identification of Any Warning that can Occur : The heating / air conditioning system may suddenly stop functioning. Smoke, and/or a plastic burning odor, may be noticeable within the vehicle interior.

Supplier Identification :

Component Manufacturer

Name : LEONI Bordnetz-Systeme GmbH

Address : Flugplatzstraße 74

Kissingen FOREIGN STATES 97318

Country : Germany

Chronology :

Please refer to BMW's October 25, 2017, and amended December 20, 2017, Part 573 reports assigned NHTSA Recall ID 17V-676 involving Model Year 2008 – 2012 BMW 3 Series vehicles. Subsequent to the filing and implementation of 17V-676, the field continued to be monitored.

Between 2018 and 2019, NHTSA requested BMW to provide updates and to hold periodic discussions with the agency regarding BMW's engineering and field monitoring progress for other models with a similar design.

In May 2019, BMW became aware of the first field report involving interior damage to a 1 Series, specifically a Model Year 2011 135i Convertible. The vehicle inspection in June 2019 indicated that the damage seemed to be consistent with an issue involving the blower regulator wiring harness.

Production records were reviewed to determine the number and production range of potentially affected vehicles.

On July 30, 2019, 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 involving the BMW 1 Series.

Description of Remedy :

Description of Remedy Program : The blower-regulator wiring harness will be inspected and a new part will be installed. Additional components will be replaced, if necessary, as determined at the time of repair.

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 blower-regulator wiring harness 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: Blower-Regulator Wiring Harness with Tin-Coated End Connectors; p/n: No BMW part number.

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

Recall Schedule :

Description of Recall Schedule : Dealer notification is planned to begin and end on Aug 6, 2019.
Owner notification is planned to begin and end on Sep 27, 2019.

Planned Dealer Notification Date : AUG 06, 2019 - AUG 06, 2019

Planned Owner Notification Date : SEP 27, 2019 - SEP 27, 2019

* NR - Not Reported