

Part 573 Safety Recall Report

17V-683

Manufacturer Name : BMW of North America, LLC

Submission Date : OCT 30, 2017

NHTSA Recall No. : 17V-683

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 : 740,561

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2008-2011 BMW 1 Series Coupe (128i)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 12,401 vehicles were equipped with a Positive Crankcase Ventilation (PCV) valve heater (blow-by-heater) in which irregularities in the manufacturing process could, over time, allow moisture to degrade plastic components and lead to overheating.

Basis for recall population determination: Vehicle production information was assessed against field incident information in order to determine the potentially affected population.

Recall component differentiation to non-recall component: The recall component does not have a heat stabilized plastic material which, when subject to moisture accumulation, could lead to the formulation of a conductive electrolyte.

Production Dates : NOV 08, 2007 - FEB 26, 2011

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 2 : 2008-2011 BMW 1 Series Convertible (128i)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 13,021 vehicles were equipped with a Positive Crankcase Ventilation (PCV) valve heater (blow-by-heater) in which irregularities in the manufacturing process could, over time, allow moisture to degrade plastic components and lead to overheating.

Basis for recall population determination: Vehicle production information was assessed against field incident information in order to determine the potentially

affected population.

Recall component differentiation to non-recall component: The recall component does not have a heat stabilized plastic material which, when subject to moisture accumulation, could lead to the formulation of a conductive electrolyte.

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

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 3 : 2007-2011 BMW 3 Series Sedan (328i, 328xi, 328i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 305,352 vehicles were equipped with a Positive Crankcase Ventilation (PCV) valve heater (blow-by-heater) in which irregularities in the manufacturing process could, over time, allow moisture to degrade plastic components and lead to overheating.

Basis for recall population determination: Vehicle production information was assessed against field incident information in order to determine the potentially affected population.

Recall component differentiation to non-recall component: The recall component does not have a heat stabilized plastic material which, when subject to moisture accumulation, could lead to the formulation of a conductive electrolyte.

Production Dates : JUL 25, 2006 - DEC 16, 2011

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 4 : 2007-2011 BMW 3 Series Wagon (328i, 328xi)

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Approximately 10,221 vehicles were equipped with a Positive Crankcase Ventilation (PCV) valve heater (blow-by-heater) in which irregularities in the manufacturing process could, over time, allow moisture to degrade plastic components and lead to overheating.

Basis for recall population determination: Vehicle production information was assessed against field incident information in order to determine the potentially affected population.

Recall component differentiation to non-recall component: The recall component does not have a heat stabilized plastic material which, when subject to moisture accumulation, could lead to the formulation of a conductive electrolyte.

Production Dates : JUL 25, 2006 - AUG 11, 2011

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 5 : 2007-2011 BMW 3 Series Coupe (328i, 328xi, 328i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 54,544 vehicles were equipped with a Positive Crankcase Ventilation (PCV) valve heater (blow-by-heater) in which irregularities in the manufacturing process could, over time, allow moisture to degrade plastic components and lead to overheating.

Basis for recall population determination: Vehicle production information was assessed against field incident information in order to determine the potentially affected population.

Recall component differentiation to non-recall component: The recall component does not have a heat stabilized plastic material which, when subject to moisture accumulation, could lead to the formulation of a conductive electrolyte.

Production Dates : MAY 24, 2006 - AUG 30, 2011

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 6 : 2007-2011 BMW 3 Series Convertible (328i)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 40,227 vehicles were equipped with a Positive Crankcase Ventilation (PCV) valve heater (blow-by-heater) in which irregularities in the manufacturing process could, over time, allow moisture to degrade plastic components and lead to overheating.

Basis for recall population determination: Vehicle production information was assessed against field incident information in order to determine the potentially affected population.

Recall component differentiation to non-recall component: The recall component does not have a heat stabilized plastic material which, when subject to moisture accumulation, could lead to the formulation of a conductive electrolyte.

Production Dates : NOV 28, 2006 - AUG 30, 2011

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 7 : 2007-2011 BMW 5 Series Sedan (525i, 525xi, 528i, 528i, 530i, 530xi)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 134,406 vehicles were equipped with a Positive Crankcase Ventilation (PCV) valve heater (blow-by-heater) in which irregularities in the manufacturing process could, over time, allow moisture to degrade plastic components and lead to overheating.

Basis for recall population determination: Vehicle production information was assessed against field incident information in order to determine the potentially affected population.

Recall component differentiation to non-recall component: The recall component does not have a heat stabilized plastic material which, when subject to moisture accumulation, could lead to the formulation of a conductive electrolyte.

Production Dates : FEB 16, 2006 - AUG 31, 2011

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 8 : 2007-2007 BMW 5 Series Wagon (530xi)

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Approximately 1,442 vehicles were equipped with a Positive Crankcase Ventilation (PCV) valve heater (blow-by-heater) in which irregularities in the manufacturing process could, over time, allow moisture to degrade plastic components and lead to overheating.

Basis for recall population determination: Vehicle production information was assessed against field incident information in order to determine the potentially affected population.

Recall component differentiation to non-recall component: The recall component does not have a heat stabilized plastic material which, when subject to moisture accumulation, could lead to the formulation of a conductive electrolyte.

Production Dates : FEB 27, 2006 - FEB 22, 2007

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 9 : 2007-2011 BMW X3 SAV (X3 3.0si, X3 xDrive30i)

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 80,066 vehicles were equipped with a Positive Crankcase Ventilation (PCV) valve heater (blow-by-heater) in which irregularities in the manufacturing process could, over time, allow moisture to degrade plastic components and lead to overheating.

Basis for recall population determination: Vehicle production information was assessed against field incident information in order to determine the potentially

affected population.

Recall component differentiation to non-recall component: The recall component does not have a heat stabilized plastic material which, when subject to moisture accumulation, could lead to the formulation of a conductive electrolyte.

Production Dates : AUG 20, 2006 - SEP 28, 2011

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 10 : 2007-2011 BMW X5 SAV (X5 xDrive30i)

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 68,770 vehicles were equipped with a Positive Crankcase Ventilation (PCV) valve heater (blow-by-heater) in which irregularities in the manufacturing process could, over time, allow moisture to degrade plastic components and lead to overheating.

Basis for recall population determination: Vehicle production information was assessed against field incident information in order to determine the potentially affected population.

Recall component differentiation to non-recall component: The recall component does not have a heat stabilized plastic material which, when subject to moisture accumulation, could lead to the formulation of a conductive electrolyte.

Production Dates : MAY 23, 2006 - MAR 18, 2010

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 11 : 2007-2011 BMW Z4 Roadster (Z4 3.0i, Z4 3.0si, Z4 sDrive30i)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 18,364 vehicles were equipped with a Positive Crankcase Ventilation (PCV) valve heater (blow-by-heater) in which irregularities in the manufacturing process could, over time, allow moisture to degrade plastic components and lead to overheating.

Basis for recall population determination: Vehicle production information was assessed against field incident information in order to determine the potentially affected population.

Recall component differentiation to non-recall component: The recall component does not have a heat stabilized plastic material which, when subject to moisture accumulation, could lead to the formulation of a conductive electrolyte.

Production Dates : JUN 19, 2006 - AUG 24, 2011

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Vehicle 12 : 2007-2008 BMW Z4 Coupe (Z4 3.0si)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 1,747 vehicles were equipped with a Positive Crankcase Ventilation (PCV) valve heater (blow-by-heater) in which irregularities in the manufacturing process could, over time, allow moisture to degrade plastic components and lead to overheating.

Basis for recall population determination: Vehicle production information was assessed against field incident information in order to determine the potentially affected population.

Recall component differentiation to non-recall component: The recall component does not have a heat stabilized plastic material which, when subject to moisture accumulation, could lead to the formulation of a conductive electrolyte.

Production Dates : SEP 15, 2006 - AUG 11, 2008

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : This recall involves the Positive Crankcase Ventilation (PCV) valve heater (blow-by-heater) which may not have been produced to specifications. Affected vehicles are equipped with a PCV valve that incorporates a heating element consisting of a copper tube, continuously supplied by electrical current, and a Positive Temperature Coefficient (PTC) element, known as the PCV valve heater (blow-by-heater). The electrical contacts at the copper tube, and the tube itself, are coated with a plastic material. Irregularities in the manufacturing process at the supplier could lead to cavities in the area of the electrical contacts, and near the PTC element at the copper tube, which could allow moisture to occur and could lead to a short circuit.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The plastic coating could overheat and lead to smoldering. If this occurs, there is a risk that the heat generated could melt the plastic material surrounding the PCV valve heater, and increase the risk of a fire.

Description of the Cause : NR

Identification of Any Warning that can Occur : The illumination of the Malfunction Indicator Lamp (MIL) typically occurs. Smoke may be noticeable from the area near the engine compartment. Smoke, or a plastic burning odor, may be noticeable.

Supplier Identification :**Component Manufacturer**

Name : Mahle International GmbH
Address : Pragstrasse 54
Stuttgart FOREIGN STATES 70376
Country : Germany

Chronology :

Due to the field size limitation re number of characters, please refer to the separate chronology page.

Description of Remedy :

Description of Remedy Program : The PCV valve heater will be inspected and a new part will be installed. If necessary, additional components will be replaced as determined at the time of repair.

How Remedy Component Differs from Recalled Component : Recalled Component: PCV valve heater; p/n 7 561 408

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

Recall Schedule :

Description of Recall Schedule : Dealers are planned to be notified on 30 Oct 2017.
Owners are planned to be notified on 18 Dec 2017.

Planned Dealer Notification Date : OCT 30, 2017 - NR

Planned Owner Notification Date : DEC 18, 2017 - NR

* NR - Not Reported