

Part 573 Safety Recall Report

24V-608

Manufacturer Name : BMW of North America, LLC**Submission Date :** AUG 13, 2024**NHTSA Recall No. :** 24V-608**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 : 720,796

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2012-2015 BMW X1 sDrive28i, X1 xDrive28i

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Approximately 62,954 vehicles have been manufactured with a water pump that, due to insufficient sealing, could, over time, be susceptible to fluid ingress at the electrical plug connector.

Basis for recall population determination: Vehicle assembly information and supplier production process records were used to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: Insufficient sealing of the water pump electrical plug connector.

Production Dates : MAR 08, 2011 - JUN 30, 2015

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2012-2016 BMW Z4 sDrive28i

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 6,621 vehicles have been manufactured with a water pump that, due to insufficient sealing, could, over time, be susceptible to fluid ingress at the electrical plug connector.

Basis for recall population determination: Vehicle assembly information and supplier production process records were used to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: Insufficient sealing of the water pump electrical plug connector.

Production Dates : FEB 07, 2011 - AUG 22, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2012-2016 BMW 528i, 528i xDrive

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 110,102 vehicles have been manufactured with a water pump that, due to insufficient sealing, could, over time, be susceptible to fluid ingress at the electrical plug connector.

Basis for recall population determination: Vehicle assembly information and supplier production process records were used to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: Insufficient sealing of the water pump electrical plug connector.

Production Dates : APR 06, 2011 - OCT 27, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2016-2018 BMW X5 xDrive40e

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 14,808 vehicles have been manufactured with a water pump that, due to insufficient sealing, could, over time, be susceptible to fluid ingress at the electrical plug connector.

Basis for recall population determination: Vehicle assembly information and supplier production process records were used to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: Insufficient sealing of the water pump electrical plug connector.

Production Dates : JUL 06, 2015 - JUN 30, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2014-2016 BMW 2 Series Coupe (228i, 228xi)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 12,742 vehicles have been manufactured with a water pump that, due to insufficient sealing, could, over time, be susceptible to fluid ingress at the electrical plug connector.

Basis for recall population determination: Vehicle assembly information and supplier production process records were used to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: Insufficient sealing of the water pump electrical plug connector.

Production Dates : JUL 10, 2013 - JUN 22, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2015-2016 BMW 2 Series Convertible (228i, 228xi)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 6,824 vehicles have been manufactured with a water pump that, due to insufficient sealing, could, over time, be susceptible to fluid ingress at the electrical plug connector.

Basis for recall population determination: Vehicle assembly information and supplier production process records were used to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: Insufficient sealing of the water pump electrical plug connector.

Production Dates : SEP 16, 2014 - MAR 13, 2015

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 7 : 2013-2017 BMW X3 sDrive28i, X3 xDrive28i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 163,728 vehicles have been manufactured with a water pump that, due to insufficient sealing, could, over time, be susceptible to fluid ingress at the electrical plug connector.

Basis for recall population determination: Vehicle assembly information and supplier production process records were used to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: Insufficient sealing of the water pump electrical plug connector.

Production Dates : FEB 15, 2012 - AUG 25, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 8 : 2015-2018 BMW X4 xDrive28i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 14,061 vehicles have been manufactured with a water pump that, due to insufficient sealing, could, over time, be susceptible to fluid ingress at the electrical plug connector.

Basis for recall population determination: Vehicle assembly information and supplier production process records were used to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: Insufficient sealing of the water pump electrical plug connector.

Production Dates : MAR 06, 2014 - MAR 06, 2018

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 9 : 2012-2016 BMW 3 Series Sedan (328i, 328xi)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 236,702 vehicles have been manufactured with a water pump that, due to insufficient sealing, could, over time, be susceptible to fluid ingress at the electrical plug connector.

Basis for recall population determination: Vehicle assembly information and supplier production process records were used to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: Insufficient sealing of the water pump electrical plug connector.

Production Dates : JUN 09, 2011 - JUL 14, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 10 : 2014-2015 BMW 3 Series Sportswagon (328i, 328xi)

Vehicle Type : LIGHT VEHICLES

Body Style : STATIONWAGON

Power Train : GAS

Descriptive Information : Approximately 5,980 vehicles have been manufactured with a water pump that, due to insufficient sealing, could, over time, be susceptible to fluid ingress at the electrical plug connector.

Basis for recall population determination: Vehicle assembly information and supplier production process records were used to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: Insufficient sealing of the water pump electrical plug connector.

Production Dates : FEB 26, 2013 - JUN 28, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 11 : 2014-2016 BMW 4 Series Coupe (428i, 428i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 29,693 vehicles have been manufactured with a water pump that, due to insufficient sealing, could, over time, be susceptible to fluid ingress at the electrical plug connector.

Basis for recall population determination: Vehicle assembly information and supplier production process records were used to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: Insufficient sealing of the water pump electrical plug connector.

Production Dates : MAR 12, 2013 - JUN 28, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 12 : 2014-2016 BMW 4 Series Convertible (428i, 428i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 20,082 vehicles have been manufactured with a water pump that, due to insufficient sealing, could, over time, be susceptible to fluid ingress at the electrical plug connector.

Basis for recall population determination: Vehicle assembly information and supplier production process records were used to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: Insufficient sealing of the water pump electrical plug connector.

Production Dates : JUN 10, 2013 - JUN 28, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 13 : 2014-2016 BMW 328xi Gran Turismo

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 12,709 vehicles have been manufactured with a water pump that, due to insufficient sealing, could, over time, be susceptible to fluid ingress at the electrical plug connector.

Basis for recall population determination: Vehicle assembly information and supplier production process records were used to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: Insufficient sealing of the water pump electrical plug connector.

Production Dates : JUN 12, 2013 - JUN 29, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 14 : 2015-2016 BMW 4 Series Gran Coupe (428i, 428xi)

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 23,790 vehicles have been manufactured with a water pump that, due to insufficient sealing, could, over time, be susceptible to fluid ingress at the electrical plug connector.

Basis for recall population determination: Vehicle assembly information and supplier production process records were used to determine the specific dates of potentially affected vehicles.

Recall component difference to non-recall component: Insufficient sealing of the water pump electrical plug connector.

Production Dates : FEB 28, 2014 - JUL 01, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : This safety recall involves the water pump's electrical plug connector. Blow-by-liquid from the positive crankcase ventilation system may collect on the intake air hose. If this occurs, then this liquid could drip onto the plug connector. Over time, this could lead to fluid ingress into the plug and the possibility of a short circuit.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : This could increase the risk of a thermal event and, in rare cases, a fire.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Water Pump, Plug Connector

Component Description : Water Pump, Plug Connector

Component Part Number : Water Pump, p/n – 8625097, 8635089, 7604027; Plug Connector, p/n – 7539072

Supplier Identification :**Component Manufacturer**

Name : Pierburg Pump Technology GmbH
Address : Alfred Pierburg Street
Neuss Foreign States 41460
Country : Germany

Chronology :

Please refer to the separate document, which contains the chronology, and forms a part of this report.

Description of Remedy :

Description of Remedy Program : The water pump, and the plug connector, will be inspected and, if necessary, replaced, and a shield will be installed to divert any fluid that might drop down onto the pump from the positive crankcase ventilation system's intake air house.

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 had this remedy performed 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: Water Pump, p/n – 8625097, 8635089, 7604027; Plug Connector, p/n – 7539072

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 August 13, 2024.
Owner notification is planned to begin and end on October 4, 2024.

Planned Dealer Notification Date : AUG 13, 2024 - AUG 13, 2024

Planned Owner Notification Date : OCT 04, 2024 - OCT 04, 2024

* NR - Not Reported