

Part 573 Safety Recall Report

20V-516

Manufacturer Name : BMW of North America, LLC

Submission Date : AUG 27, 2020

NHTSA Recall No. : 20V-516

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 : 4,265

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2019-2020 BMW Z4 sDrive30i, Z4 M40i

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 2,798 vehicles may not fully conform to FMVSS 108 Section 10.18.4.

Basis for recall population determination: Vehicle assembly information and supplier production records were used to determine the start and end date of potentially affected vehicles.

Recall component difference to non-recall component: The headlamp vertical and horizontal adjustment plugs may have been switched during vehicle assembly.

Production Dates : FEB 07, 2018 - JUN 05, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2020-2020 Toyota Supra
Vehicle Type : LIGHT VEHICLES
Body Style : 2-DOOR
Power Train : GAS

Descriptive Information : Approximately 1,467 vehicles may not fully conform to FMVSS 108 Section 10.18.4.

Basis for recall population determination: Vehicle assembly information and supplier production records were used to determine the start and end date of potentially affected vehicles.

Recall component difference to non-recall component: The headlamp vertical and horizontal aim adjustment plugs may have been switched during vehicle assembly.

Production Dates : FEB 06, 2019 - JUN 05, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : This non-compliance recall involves the headlamps which, due to an engineering release issue for the US Market, led to the headlamp vertical and horizontal adjustment plugs being switched during vehicle assembly. This may enable the horizontal adjustment of the headlamp beam which may cause the vehicles to not fully conform to FMVSS 108 Section 10.18.4.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : If the vehicle operator were to adjust the headlamps horizontally, some adjustments could increase the glare (reduce the visibility) for an oncoming driver, or reduce the visibility for the vehicle operator, and could increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Headlamp Adjustment Plug

Component Description : Headlamp Adjustment Plug

Component Part Number : BMW-(Vertical-7205141,Horizontal-7205140)

Component Name 2 : Headlamp Adjustment Plug

Component Description : Headlamp Adjustment Plug

Component Part Number : Toyota-(Vertical-90118WA351,Horizontal-90118WA350)

Supplier Identification :

Component Manufacturer

Name : Marelli Automotive Lighting Reutlingen G

Address : Tuebinger Strasse 123

Reutlingen FOREIGN STATES 72762

Country : Germany

Chronology :

In June 2019 during a Z4 headlamp test, BMW noticed that the headlamp vertical adjustment plug was inserted in the space for the horizontal adjustment plug, and vice-versa. Although vehicle production was informed, information at the time suggested that further efforts were not necessary.

Between May and August 2020, a detailed review of worldwide regulatory headlamp requirements, including headlamp beam adjustability, was conducted. It was found that the basis for the mis-matched plugs on the Z4 was due to an engineering release error for the US Market.

On August 20, 2020, it was determined that potentially affected vehicles may not conform to FMVSS 108 Section 10.18.4. As a result, BMW Group decided to conduct a voluntary non-compliance 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 headlamp vertical and horizontal adjustment plugs will be checked and, if an incorrect plug is found, it will be replaced with the correct plug.

Owners will be notified by First Class mail and instructed to take their vehicle to an authorized BMW/Toyota dealer to have the remedy performed for free. If this condition was noticed on a potentially affected vehicle prior to this recall, the remedy would be covered by the BMW/Toyota New Vehicle Limited Warranty program. Therefore, reimbursement for a pre-notification remedy re Part 573.13 and Part 577.11 is not necessary.

How Remedy Component Differs from Recalled Component : Recall component: Headlamp Adjustment Plug – Part Number:
BMW – (Vertical – 7205141, Horizontal – 7205140)
Toyota – (Vertical – 90118WA351, Horizontal – 90118WA350)

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 27, 2020.
Notification to owners is planned to begin and end on October 19, 2020

Planned Dealer Notification Date : AUG 27, 2020 - AUG 27, 2020

Planned Owner Notification Date : OCT 19, 2020 - OCT 19, 2020

* NR - Not Reported