

Part 573 Safety Recall Report

19V-684

Manufacturer Name : BMW of North America, LLC**Submission Date :** OCT 02, 2019**NHTSA Recall No. :** 19V-684**Manufacturer Recall No. :** Toyota: 19TA19**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 : 257,481

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2020 BMW 530i, 530i xDrive, 540i, 540i xDrive, M550i xDrive, M5

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 42,226 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from May 2, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : MAY 02, 2018 - SEP 02, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2019-2020 BMW X4 xDrive, X4 M40i, X4 M

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 8,431 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from May 10, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : MAY 10, 2018 - AUG 13, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2019-2020 BMW X5 sDrive, X5 xDrive, X5 M50i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 42,708 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from May 25, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : MAY 25, 2018 - AUG 13, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2019-2020 BMW X6 xDrive, X6 M50i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 123 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from June 13, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : JUN 13, 2018 - JUL 30, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2019-2020 BMW X7 xDrive, X7 M50i

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : Approximately 11,911 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from May 21, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : MAY 21, 2018 - AUG 13, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2019-2020 BMW 740Li, 740Li xDrive, 750Li, 750Li xDrive

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Approximately 11,579 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from May 2, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : MAY 02, 2018 - SEP 02, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 7 : 2019-2020 BMW 8 Series Convertible (840i, 840i xDrive, M850i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 2,221 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from July 4, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : JUL 04, 2018 - SEP 02, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 8 : 2019-2020 BMW 8 Series Coupe (840i, 840i xDrive, M850i xDrive)

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : Approximately 1,969 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from September 18, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : SEP 18, 2018 - SEP 02, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 9 : 2020-2020 BMW M850i xDrive Gran Coupe
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS

Descriptive Information : Approximately 419 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from October 16, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : OCT 16, 2018 - SEP 02, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 10 : 2019-2020 BMW 330i, 330i xDrive, M340i, M340i xDrive
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS

Descriptive Information : Approximately 33,798 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from May 14, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : MAY 14, 2018 - AUG 06, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 11 : 2019-2020 BMW Z4 sDrive, Z4 M40i
Vehicle Type : LIGHT VEHICLES
Body Style : 2-DOOR
Power Train : GAS

Descriptive Information : Approximately 3,015 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from May 24, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : MAY 24, 2018 - AUG 26, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 12 : 2018-2019 BMW 640i xDrive Gran Turismo
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS

Descriptive Information : Approximately 1,271 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from May 2, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : MAY 02, 2018 - JUN 27, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 13 : 2018-2019 Rolls-Royce Phantom
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : GAS

Descriptive Information : Approximately 171 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from May 1, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : MAY 01, 2018 - AUG 13, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 14 : 2019-2019 Rolls-Royce Cullinan
Vehicle Type : LIGHT VEHICLES
Body Style : SUV
Power Train : GAS

Descriptive Information : Approximately 636 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from September 6, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : SEP 06, 2018 - AUG 28, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 15 : 2020-2020 Toyota Supra
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : 2-DOOR
Power Train : GAS

Descriptive Information : Approximately 3,459 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from February 6, 2019 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : FEB 06, 2019 - AUG 26, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 16 : 2018-2020 BMW 530e, 530e xDrive
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 9,818 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from May 2, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : MAY 02, 2018 - SEP 02, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 17 : 2018-2018 BMW 540d
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : DIESEL

Descriptive Information : Approximately 96 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from May 4, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : MAY 04, 2018 - JUN 29, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 18 : 2019-2020 BMW 740Le xDrive, 745Le xDrive
Vehicle Type : LIGHT VEHICLES
Body Style : 4-DOOR
Power Train : HYBRID ELECTRIC

Descriptive Information : Approximately 320 vehicles may not fully conform to FMVSS 111 Section 5.5.6.

Basis for recall population determination: Vehicles produced from June 5, 2018 until implementation of rearview camera software in accordance with FMVSS 111 S5.5.6.

Recall component difference to non-recall component: The rearview camera may not fully conform to FMVSS 111 Section 5.5.6.

Production Dates : JUN 05, 2018 - SEP 02, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : This recall involves the FMVSS 111 Section 5.5.6 Default View requirements. Affected vehicles may not fully conform to Section 5.5.6 due to the ability of a vehicle operator to adjust brightness and contrast settings. When brightness is set at/near its lowest adjustment, and contrast is set at/near its highest setting, then at the next backing event, the displayed image may not fully conform to the requirements of Section 5.5.6.

FMVSS 1 : 111 - Rearview mirrors

FMVSS 2 : NR

Description of the Safety Risk : At the next backing event, if a vehicle operator relied on the displayed image with brightness set at/near its lowest adjustment setting, and contrast set at/near its highest adjustment setting, this could increase the risk of a crash or injury to persons who may be behind the vehicle.

Description of the Cause : NR

Identification of Any Warning that can Occur : Even though the image may not fully conform to FMVSS 111 S5.5.6, affected vehicles are equipped with a Park Distance Control (PDC) system which alerts vehicle operators, both audibly and visually, to objects behind a vehicle.

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On May 15, 2019, the NHTSA Office of Vehicle Safety Compliance (OVSC) contacted BMW and discussed the performance of the rearview camera system in a Model Year 2019 BMW X4 and requested BMW to provide an assessment. A follow-up discussion occurred on May 22nd.

On June 7, 2019, BMW provided its assessment to NHTSA including information pertaining to the compliance of its rearview camera systems. NHTSA OVSC indicated that they would review the information and respond to BMW's assessment.

On August 20th, NHTSA OVSC and BMW had a follow up discussion, and OVSC asked additional questions regarding information provided by BMW on June 7th.

On September 10th, OVSC and BMW had an additional meeting where OVSC provided its assessment of BMW's compliance to FMVSS 111.

BMW performed reviews of its technical development, engineering release, and vehicle assembly information to identify the number and production date range of potentially affected vehicles.

On September 20, 2019, it was determined that potentially affected vehicles may not fully conform to FMVSS 111 Section 5.5.6. As a result, BMW decided to conduct a voluntary recall.

Description of Remedy :

Description of Remedy Program : The rearview camera software will be updated to reduce the brightness and contrast adjustment range.

Owners will be notified by First Class mail and instructed to take their vehicle to an authorized BMW center / Toyota dealer to have the remedy performed for free. If this condition were to occur to 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: Rearview Camera Software – No P/N.

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 September 27, 2019. Owner notification is planned to begin and end on November 16, 2019.

Toyota's Recall Schedule:

Planned Dealer Notification Begin Date: 09/27/2019

Planned Dealer Notification End Date: 09/27/2019

Planned Owner Notification Begin Date: 11/5/2019

Planned Owner Notification End Date: 11/5/2019

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

Planned Owner Notification Date : NOV 19, 2019 - NOV 19, 2019

* NR - Not Reported