

Part 573 Safety Recall Report

19V-593

Manufacturer Name : BMW of North America, LLC**Submission Date :** OCT 14, 2019**NHTSA Recall No. :** 19V-593**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 : 5,938

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2020 BMW G 310 GS

Vehicle Type : MOTORCYCLES

Body Style :

Power Train : GAS

Descriptive Information : Approximately 2,781 motorcycles are equipped with brake calipers which, over time, may corrode and could impair the brake caliper's piston's clearance within the bore.

Basis for recall population determination: All Model Year 2018 – 2020 BMW G 310 GS motorcycles from start-of-production through 08/07/2019.

Recall component difference to non-recall component: Recall motorcycles contain brake calipers which, over time, may be subject to corrosion.

Production Dates : NOV 03, 2017 - AUG 07, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2019-2019 BMW C 400 X

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Approximately 416 scooters are equipped with brake calipers which, over time, may corrode and could impair the brake caliper's piston's clearance within the bore.

Basis for recall population determination: All Model Year 2019 BMW C 400 X scooters from start-of-production through 05/15/2019.

Recall component difference to non-recall component: Recall scooters contain brake calipers which, over time, may be subject to corrosion.

Production Dates : AUG 22, 2018 - MAY 15, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2017-2020 BMW G 310 R

Vehicle Type : MOTORCYCLES

Body Style :

Power Train : GAS

Descriptive Information : Approximately 2,741 motorcycles are equipped with brake calipers which, over time, may corrode and could impair the brake caliper's piston's clearance within the bore.

Basis for recall population determination: All Model Year 2017 – 2020 BMW G 310 R motorcycles from start-of-production through 07/29/2019.

Recall component difference to non-recall component: Recall motorcycles contain brake calipers which, over time, may be subject to corrosion.

Production Dates : OCT 12, 2016 - JUL 29, 2019

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Defect :

Description of the Defect : This recall involves the front and rear brake calipers and brake caliper's pistons. During long-term exposure to certain environmental and winter-time road-treatment conditions, corrosion could occur on the surface of the unanodized brake caliper piston bore. This could impair the piston's clearance within the bore.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If corrosion impairs the piston's clearance within the bore, the piston could get stuck. This could affect brake performance, increasing the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : The rider may notice one or more of the following conditions:

- An increase in noise from the brakes;
- It is more difficult to manually push / maneuver the motorcycle / scooter;
- Visible signs of corrosion on the brake calipers;
- Reduced performance when attempting to accelerate;
- Unusual odor near the area of the brake calipers.

Supplier Identification :

Component Manufacturer

Name : Brembo Brake India Private Limited
Address : Gat. No. 307, 7 & 8, Volkswagen Rd.
Chakan Pune FOREIGN STATES 410501
Country : India

Chronology :

On November 18, 2018, BMW was informed about an incident in Great Britain. At low speed, the front wheel became blocked causing the rider to crash without injury. An investigation suggested that front braking performance may have been affected.

On March 4, 2019, a second low-speed incident in Great Britain was reported. An investigation suggested that braking performance may have been affected leading to a blocked wheel. Further in-depth investigations were initiated.

After intensive analysis, Great Britain was identified as a high-risk area for corrosion, due to unique road treatment conditions (very hygroscopic and aggressive salt types / significant usage).

On March 19, 2019, BMW decided to conduct a voluntary safety recall for Great Britain. BMW reported this foreign recall to NHTSA on March 26, 2019, to which NHTSA assigned Foreign Recall ID 19F-071.

On March 22, 2019, BMW decided to conduct a field monitoring program and an inspection campaign in other potentially affected markets, specifically Germany, Austria, Netherlands, Spain and Brazil in an attempt to understand if other markets could be similarly affected.

In late July, the field monitoring program and inspection campaign results were reviewed. They showed that Great Britain was the only high-risk area for corrosion. All other countries were identified as low-/medium-risk. Nevertheless, in an abundance of caution, it was suggested that a field action be conducted in other potentially affected markets.

Motorcycle / scooter assembly information and supplier production records were analyzed to determine the number and production date range of potentially affected motorcycles.

On August 6, 2019, BMW decided to conduct a voluntary safety recall.

Description of Remedy :

Description of Remedy Program : The front and rear brake calipers will be replaced with an improved part.

Owners will be notified by First Class mail and instructed to take their motorcycle / scooter to an authorized BMW motorcycle dealer to have the remedy performed for free. Owners who have replaced a brake caliper 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 : Recall component – brake caliper front (G 310 GS) 8 554 132 / 8 569 405
Recall component – brake caliper front (G 310 R) 8 554 132 / 8 569 405
Recall component – brake caliper front right (C 400 X) 8 558 636 / 8 566 780
Recall component – brake caliper front left (C 400 X) 8 566 765 / 8 566 779
Recall component – brake caliper rear (G 310 GS) 8 554 134 / 8 569 411
Recall component – brake caliper rear (G 310 R) 8 554 134 / 8 569 411
Recall component – brake caliper rear (C 400 X) 8 405 468 / 8 392 846

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 13, 2019. Notification to owners is planned to begin and end on October 4, 2019. Interim Owner Notification Letters were mailed to all potentially affected owners on October 11, 2019. Final Owner Notification Letters will be mailed as parts become available.

Planned Dealer Notification Date : AUG 13, 2019 - AUG 13, 2019

Planned Owner Notification Date : OCT 04, 2019 - OCT 04, 2019

* NR - Not Reported