

# Part 573 Safety Recall Report

# 19V-697

**Manufacturer Name :** BMW of North America, LLC

**Submission Date :** OCT 16, 2019

**NHTSA Recall No. :** 19V-697

**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 :** 416

**Estimated percentage with defect :** 100 %

## Vehicle Information :

**Vehicle 1 :** 2020-2020 BMW S 1000 RR

**Vehicle Type :** MOTORCYCLES

**Body Style :** OTHER

**Power Train :** GAS

**Descriptive Information :** Approximately 323 motorcycles are equipped with oil cooler hoses (both supply and return) which may not have been attached to the oil pipes in a sufficient manner to preclude a leak.

**Basis for recall population determination:** All Model Year 2020 BMW S 1000 RR motorcycles from start-of-production through 08/27/2019.

**Recall component difference to non-recall component:** Recall components have an oil cooler hose/pipe overlay distance which is too large.

**Production Dates :** MAR 12, 2019 - SEP 30, 2019

**VIN Range 1 : Begin :**

NR

**End :** NR

☐ Not sequential

## Description of Defect :

**Description of the Defect :** This recall involves the oil cooler hose (supply and/or return). The hose(s) may not have been attached to the oil pipe(s) in a sufficient manner to prevent a leak. The overlay distance between the hose and the pipe, in combination with the pipe geometry, is too large. As a result, when the hose is press-fit onto the pipe, sufficient tolerance is not available to allow the hose to expand. This could lead to cracks in the hose which, over time, could allow the hose to leak.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** If a leak develops, oil could contact the rear wheel, affecting handling and control of the motorcycle, and increase 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:

- Smoke due to oil contacting the exhaust manifold
- Odor of burnt oil
- Oil on the ground when parked

## Supplier Identification :

### Component Manufacturer

Name : METALLWERK BIEBIGHÄUSER GMBH  
Address : Borsigstrasse 14  
Leverkusen FOREIGN STATES 51381  
Country : Germany

## Chronology :

On July 19, 2019, BMW became aware of an incident in Japan involving a Model Year 2020 BMW S 1000 RR. The rider noticed smoke due to oil on the exhaust manifold. The rider alleged that the motorcycle did not experience adverse handling or control.

Nevertheless, BMW initiated a review based upon this incident. The supplier was contacted and the part was returned for analysis.

On September 13, 2019, BMW became aware of an incident in Germany involving a Model Year 2020 BMW S 1000 RR, in which it was also reported that oil had contacted the exhaust manifold and created smoke.

On September 23, 2019, BMW and the supplier conducted a joint review of this issue. The review concluded that the oil cooler hoses may not have been attached to the oil pipes in a sufficient manner to preclude a leak.

On September 27, 2019, BMW decided to conduct a voluntary safety 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 oil cooler assembly, including hoses, will be replaced. Owners will be notified by First Class mail and instructed to take their motorcycle to an authorized BMW motorcycle dealer to have the remedy performed for free. Owners who have replaced the brake hose 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 – oil cooler assembly (8 356 820)

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 October 2, 2019. Notification to owners is planned to begin and end on November 27, 2019.

Planned Dealer Notification Date : OCT 02, 2019 - OCT 02, 2019

Planned Owner Notification Date : NOV 27, 2019 - NOV 27, 2019

\* NR - Not Reported