

Part 573 Safety Recall Report

24E-096

Manufacturer Name : BMW of North America, LLC

Submission Date : NOV 15, 2024

NHTSA Recall No. : 24E-096

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 : 3,506

Estimated percentage with defect : 100 %

Equipment Information :

Brand / Trade 1 : BMW

Model : BMW Dealer Service Part Oil Filter for S1000RR, M1000RR/R/XR, HP4 (Race)

Part No. : 11427721779-04

Size : NR

Function : NR

Descriptive Information : Approximately 3,506 dealer service part oil filters may have been used during motorcycle dealer service visits that occurred after May 24, 2024 when this oil filter became available.

Basis for recall population determination: Warranty information and dealer service records were reviewed to determine the number of potentially affected dealer service part oil filters.

Recall component difference to non-recall component: The dealer service part oil filters are not compatible with certain model motorcycles.

Production Dates : APR 01, 2024 - JUL 31, 2024

Description of Defect :

Description of the Defect : This safety recall involves a certain design configuration dealer service part oil filter when used in combination with certain high-revving four-cylinder motorcycle engines. In this application, vibration frequencies above 12,500 rpm may induce the oil filter to unscrew during riding.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the oil filter becomes loose or detaches, then oil can escape from the engine and contact the rear tire and/or the road surface which can increase the risk

Description of the Cause : of a crash.
NR

Identification of Any Warning that can Occur : Loss of oil and/or unusual engine noise may be noticed.

Involved Components :

Component Name : Dealer Service Part Oil Filter

Component Description : Dealer Service Part Oil Filter

Component Part Number : 11427721779-04 (Brazil Production Only)

Supplier Identification :

Component Manufacturer

Name : MAHLE Filtersysteme GmbH

Address : Pragstr. 26-46
Stuttgart Foreign States 70376

Country : Germany

Chronology :

On July 9, 2024, a case was reported from a non-US market of a loose oil filter while riding at high speed, resulting in a complete loss of engine oil, which occurred directly after a service visit with an oil change. On July 22nd, the same dealer reported a second case with similar characteristics, despite having paid special care to the torquing of the oil filter at the time of the service oil change. An engineering investigation was initiated, the parts were held for analysis, and the supplier was contacted.

Between August and September, 4 additional field incidents occurred (which included 1 in the US market). A review of the field data indicated that only oil filters from the MAHLE production plant in Brazil were involved and included only models with four-cylinder engines capable of operating at high engine rev levels (> 12,500 rpm).

A review found that when oil filter production was transferred by the supplier from a plant in Austria to a plant in Brazil, that minor design changes to the upper filter section (screw plate and sealing) had occurred. Extensive test bench analysis determined that the Brazilian filter was susceptible to vibrations occurring in four-cylinder engines at high rev levels. This effect was non-existent on filters from the previous production plant in Austria.

From October through November 4th, 7 additional field incidents occurred (which included 1 in the US market).

On November 7, 2024, BMW decided to conduct a voluntary safety recall.

BMW has received one report of an accident in a non-US market related to this issue.

Description of Remedy :

Description of Remedy Program :	The oil filter will be inspected and, if necessary, replaced. Although owner notification is not required - because the last known purchasers to BMW of the dealer service part oil filters are the motorcycle dealers – nevertheless, BMW owners who have had their motorcycle serviced in which the oil filter was replaced will be notified by First Class mail and instructed to contact an authorized BMW motorcycle dealer to have the remedy performed for free. If this condition were to occur to a potentially affected dealer service part oil filter prior to the recall, the remedy would be covered by the BMW New Parts and Accessories 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 :	Dealer Service Part Oil Filter; part number: 11427721779-04 (Brazil Production Only)
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 November 22, 2024. Owner notification is planned to begin and end on January 7, 2025.
Planned Dealer Notification Date :	NOV 22, 2024 - NOV 22, 2024
Planned Owner Notification Date :	JAN 07, 2025 - JAN 07, 2025

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : NR
Address : NR
NR
Country : NR
Company Phone : NR

* NR - Not Reported