

Part 573 Safety Recall Report

18E-057

Manufacturer Name : Brembo S.p.A.

Submission Date : JUL 18, 2018

NHTSA Recall No. : 18E-057

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Brembo S.p.A.

Address : Via Brembo 25

Curno (Bg) 00 24040

Company phone : 0356055589

Population :

Number of potentially involved : 3,026

Estimated percentage with defect : 3 %

Equipment Information :

Brand / Trade 1 : Federal Mogul

Model : Federal Mogul Italy S.r.l. Brake Pads: Supplier Batch 672 ("FMI Batch 672")

Part No. : 07.6949.10

Size : NR

Function : Brake Pads

Descriptive Information : Brembo brakes equipped with Federal Mogul Italy S.r.l. brake pads, FMI Batch 672, may have potential issues involving detachment of brake pad friction material from the back plate. As a consequence, vehicle brake performance could be compromised in vehicles with FMI Batch 672 equipment brake pads. Federal Mogul Italy S.r.l. advised Brembo that the issue was caused by a second thermal treatment during the manufacture of brake pads in FMI Batch 672, as a result of human error. This second treatment exposed some brake pads to higher temperatures than Federal Mogul Italy S.r.l. intended to be used for this piece of equipment.

Production Dates : AUG 16, 2017 - AUG 16, 2017

Description of Defect :

Description of the Defect : In case of detachment of brake pad friction material from the back plate, the distance between the braking plate and disc cannot be balanced with a single action on the brake master cylinder. As a consequence, brake calipers fitted with potentially defective pads may not participate in deceleration of the vehicle. Motorcycle design requires independent front and rear brake systems: systems assembled with unaffected brake pads maintain their required performance.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : There may be an increased risk of driver injury and/or vehicle damage even if only one brake has an affected brake pad.

Description of the Cause : Federal Mogul Italy S.r.l. advised Brembo that the issue was caused by a second thermal treatment during the manufacture of brake pads in FMI Batch 672, as a result of human error. This second treatment exposed some brake pads to higher temperatures than Federal Mogul Italy S.r.l. intended to be used for this piece of equipment. As a result, it potentially created lower adherence of friction material that may result in detachment of the brake pad friction material from the back plate during vehicle use.

Identification of Any Warning that can Occur : The failure may occur without any warning to the driver.

Supplier Identification :

Component Manufacturer

Name : Federal Mogul Italy S.r.l.
Address : Corso Inghilterra 2
Mondovi (CN) FOREIGN STATES 12084
Country : Italy

Chronology :

March 2018: Brembo became aware of a potential Federal Mogul Italy S.r.l. brake pad friction material detachment event during vehicle track use. No injuries were reported. Brembo initiated failure investigation together with the brake pad manufacturer, Federal Mogul Italy S.r.l.

April 2018: Brembo became aware of a second episode of potential Federal Mogul Italy S.r.l. brake pad friction material separation during vehicle track use. No injuries were reported. Brembo analyzed the brake pad and provided it to Federal Mogul Italy S.r.l. for further examination and analysis.

May 2018: Brembo verified that the calipers in use during those incidents were not defective. Brembo started another audit and continued to support Federal Mogul Italy S.r.l. in searching for the cause of the friction material detachment.

July 2018: Investigation closed: the cause was identified as stated above (please refer to the "Description of the Cause"). Brembo and Federal Mogul Italy S.r.l. determined that a safety related defect existed of the affected batch.

Description of Remedy :

Description of Remedy Program : Dealers will replace the brake pads from batch no. 672 with other spare pads (same p/n - different supplier batch). This replacement will be free of charge for customers.

How Remedy Component Differs from Recalled Component : Federal Mogul Italy S.r.l. supplier of batch 672 advised that the old line production is now shut down and production has been moved to a new line equipped with temperature control in June 2018. Federal Mogul Italy S.r.l. has assured Brembo that the use of temperature control on the new production line cured the problem.

Identify How/When Recall Condition was Corrected in Production : Federal Mogul Italy S.r.l. supplier of batch 672 advised that the old line production is now shut down and production has been moved to a new line equipped with temperature control in June 2018.

Recall Schedule :

Description of Recall Schedule : Brembo notified the motorcycle manufacturer and the United States parts supplier on July 17-18, 2018.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

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