

Part 573 Safety Recall Report

18V-458

Manufacturer Name : MV Agusta USA, LLC**Submission Date :** JUL 10, 2018**NHTSA Recall No. :** 18V-458**Manufacturer Recall No. :** 18RC02**Manufacturer Information :**

Manufacturer Name : MV Agusta USA, LLC

Address : 10 Canal Street

Suite 224 Bristol PA 19007

Company phone : 215-781-1770

Population :

Number of potentially involved : 22

Estimated percentage with defect : 32 %

Vehicle Information :

Vehicle 1 : 2018-2018 MV Agusta Brutale 800 Dragster RC, F3 800 RC, F3 800

Vehicle Type : MOTORCYCLES

Body Style :

Power Train : NR

Descriptive Information : The MV Agusta production line reported excessive play of the axle carrier wheel clamping screw of some forks during motorcycle assembly. Quality Control identified the defective batch of axle carriers which have damaged threads in the holes where clamping screws are fixed. This defect has the same effect as if threaded axle carrier holes are of larger diameter compared to design specifications, hence causing the clamping screw excessive play. The recall population was determined based upon supplier's information after MV Agusta notified them of defect. The compliant replacement part is marked with a green painted dot in proximity of the threaded hole where the wheel clamping screw is fitted.

Production Dates : MAR 12, 2018 - APR 30, 2018

VIN Range 1 : Begin : ZCGPJGNU9JV020515 End : ZCGPJGNU0JV020516

 Not sequential

VIN Range 2 : Begin : ZCGGKGNU1JV000448 End : ZCGGKGNU1JV000451

 Not sequential

VIN Range 3 : Begin : ZCGGKGNU2JV000393 End : ZCGGKGNU6JV000512

 Not sequential**Description of Defect :**

Description of the Defect : A fork has been adopted having an axle carrier with excessive play of the wheel clamping screw.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : This defect could cause a potential malfunction of the fork assembly which would lead to loss of control of the vehicle during normal use. Danger of accidents and injuries to persons, property, and third parties therefore exists. There are no known incidents or accidents in the field.

Description of the Cause : A defective batch of fork axle carriers have damaged threads in the holes where clamping screws are fixed. This defect has the same effect as if threaded axle carrier holes are of larger diameter compared to design specifications, hence causing the clamping screw excessive play.

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

Supplier Identification :

Component Manufacturer

Name : VRM SpA

Address : Via Dei Lombardi, 3/5
Zola Predosa (Bologna) FOREIGN STATES 40069

Country : Italy

Chronology :

2 May 2018: MV Agusta production line reports excessive play of axle carrier wheel clamping screws on some forks.

7 May 2018: MV Agusta production line reports damage to the wheel clamping screw thread using design specification torque, 18 Nm.

9 May 2018: Tests are conducted to verify if a higher tightening torque can guarantee a secure fixing of the wheel clamping screw within the fork axle carrier, 20 Nm. An axle carrier is sectioned to verify the threaded hole. It was discovered that the supplier VRM hole threading was not to design specification, and showed visible damage.

10 May 2018: MV Agusta requests supplier VRM to identify axle carrier batch at risk. VRM confirms April 2018 batch to be defective, and advises MV Agusta to check warehouse and motorcycles in stock.

11 May 2018: MV Agusta verifies warehouse and production motorcycles of various models for same issue.

15 May 2018: Non conformities are found. MV Agusta tests and confirms that the helicoil technique is adequate to remedy production motorcycles.

21 May 2018: MV Agusta sends technical report to VRM on findings and considerations.

24 May 2018: VRM replies, identifying defective batch produced from 12 March 2018 to 9 May 2018.

31 May 2018: MV Agusta work team requests meeting with MV Agusta upper management to inform of situation.

5 June 2018: VRM requests meeting with MV Agusta following a phonecall.

12 June 2018: Meeting takes place between VRM and MV Agusta at VRM facility.

20 June 2018: MV Agusta working team meets with MV Agusta upper management to update/discuss situation further.

21 June 2018: MV Agusta Quality Control issues technical report to recall team and upper management.

29 June 2018: A meeting is held within MV Agusta and the decision for a recall campaign is taken.

4 July 2018: After review of all documents, the MV Agusta recalls manager begins formal proceedings and sets up a recall task force.

5 July 2018: Recall task force meets, initiates proceedings for recall start on 18 July.

Description of Remedy :

Description of Remedy Program : Notification to customers and dealers is sent alerting them that a recall campaign is being initiated. Customers are instructed to bring their motorcycle to the nearest dealer to remedy the problem free of charge. Dealers will be required to check the threaded holes in fork axle carriers using a special tool and instructions provided by MV Agusta, and if the non-conformity in question is found to exist then the fork leg with defective axle carrier will be replaced. Dealers are reimbursed based on a typical warranty procedure.

How Remedy Component Differs from Recalled Component : The replacement component is marked with a green painted dot in proximity of the hole where the wheel clamping screw is fitted. Depending on the model and market worldwide, the following part numbers apply:
Right fork leg , Left fork leg
8000C3202 , 8000C3203
8000C6386 , 8000C6385
8000C0604 , 8000C0605
8000C1190 , 8000C1189
8000B7130 , 8A00B7131
8000B8740 , 8A00B8739
80A0C1190 , 80A0C1189

Identify How/When Recall Condition was Corrected in Production : The defective condition was remedied in production upon noticing the problem. Defective parts were rectified using the helicoil technique, while all new batches arrived with parts conforming to design specifications. Compliant and rectified parts are marked with a green painted dot in proximity of the hole where the wheel clamping screw is fitted.

Recall Schedule :

Description of Recall Schedule : MV Agusta Motor SpA (vehicle OEM) will notify its importer, MV Agusta USA LLC, within the third week of July 2018 by email. The importer will subsequently notify dealerships and customers immediately afterwards using the letter formats and information provided by MV Agusta Motor SpA.

Planned Dealer Notification Date : JUL 18, 2018 - JUL 19, 2018

Planned Owner Notification Date : JUL 20, 2018 - JUL 21, 2018

* NR - Not Reported