

Part 573 Safety Recall Report

18V-239

Manufacturer Name : Ducati North America

Submission Date : APR 16, 2018

NHTSA Recall No. : 18V-239

Manufacturer Recall No. : TBD



Manufacturer Information :

Manufacturer Name : Ducati North America

Address : 448 E. Middlefield Rd

Mountain View CA 94043

Company phone : 408-253-0499

Population :

Number of potentially involved : 692

Estimated percentage with defect : 2 %

Vehicle Information :

Vehicle 1 : 2018-2018 Ducati Panigale V4, Panigale V4 S, Panigale V4 Speciale

Vehicle Type : MOTORCYCLES

Body Style : ALL

Power Train : GAS

Descriptive Information : On-road motorcycle

Production Dates : JUL 18, 2017 - MAR 28, 2018

VIN Range 1 : Begin : ZDMDAGNWXJB000019 End : ZDMDAGNWXJB002854 Not sequential

Description of Defect :

Description of the Defect : Some fuel might leak from the fuel tank internal breathing system valve plug.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If fuel comes out of the tank improperly, a fuel "leak" in the presence of a source of ignition could increase the risk of fire.

Description of the Cause : The Panigale V4 fuel tank is equipped with an internal breathing valve, that allows the fuel to fill the entire volume of the fuel tank. In certain cases, the internal breathing system valve plug could leak from the outer diameter O-ring. The O-ring could have been damaged during the valve plug installation process. The grease presence all around the O-ring did not allow the supplier to detect the leakage during the quality control leakage test. Additionally, the low level of fuel within the tank did not allow detection of leakage during the production phase in the factory. In case of O-ring failure, fuel leaks might occur.

Identification of Any Warning that can Occur : There is no warning to make the rider aware of this event. Leakage is only apparent once the condition exists.

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

- On 5th of March 2018 a field report came from a European dealer who notified to DMH a fuel leak occurred on a demo bike. The fuel leak was located on the back side of the tank, where the internal breather valve is located. After a brief inspection by the dealer the O-ring was found pinched.
- DMH immediately started an internal investigation.
- 3 identical cases were then reported to DMH by other European dealers in the following three weeks.
- In April a case was reported from the US as well.
- In all field reports, the leaking was due to the pinched or damaged O-ring.
- In April the investigation was finalized at Ducati Motor Holding and the root cause was identified as above. (Please refer to "Describe the cause").
- On April 11th, 2018, Ducati determined that a worldwide safety Recall was justified. For subject motorcycles sold in the U.S there have been no reports of injuries due to the defect.

Description of Remedy :

Description of Remedy Program : An official Ducati dealer will replace the plug and the O-ring with new components. The new plug has an improved design, which includes a chamfered edge to simplify the installation phase and decrease the risk of pinching the O-ring while installing it into the fuel tank. We also changed the grease with a different lubricant that would help the plug fitting and at the same time would not create a false seal. This procedure will be carried out free of charge. A Ducati North America Recall Bulletin is scheduled to be published to the Ducati Dealer Network using the established communication process. Owner notification letters are expected to mail within 60 days from submission of this report.

How Remedy Component Differs from Recalled Component : The replacement plug will have a chamfered edge and the grease has been replaced with a different lubricant to facilitate plug installation, reducing the risk to pinch the O-ring.

Identify How/When Recall Condition was Corrected in Production : The new plug is currently installed on bikes produced since March 28th 2018.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : APR 17, 2018 - APR 24, 2018

Planned Owner Notification Date : MAY 17, 2018 - MAY 24, 2018

* NR - Not Reported