

Part 573 Safety Recall Report

16V-679

Manufacturer Name : Ducati North America

Submission Date : OCT 07, 2016

NHTSA Recall No. : 16V-679

Manufacturer Recall No. : RCL-16-003(A)



Manufacturer Information :

Manufacturer Name : Ducati North America

Address : 10443 Bandle Drive

Cupertino CA 95014

Company phone : 408-253-0499

Population :

Number of potentially involved : 1,433

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2016-2017 Ducati XDiavel

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : On- highway performance cruiser motorcycle

Production Dates : JUL 07, 2015 - JUN 22, 2016

VIN Range 1 : Begin : ZDM13BKW0GB000009 **End :** ZDM13BKW5HB005787 Not sequential

Description of Defect :

Description of the Defect : On all motorcycles involved the final drive pulley retaining nut has been tightened to 186Nm; this torque may not guarantee sufficient axial preload on the pulley.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the final drive pulley retaining nut loses axial preload, eventually (depending on the riding condition), the belt primary drive pulley could spin on the countershaft resulting in loss of power transmission to the rear wheel.

Description of the Cause : The final drive pulley retaining nut prescribed torque cannot always guarantee the axial preload on the pulley, and thus is not sufficient to properly secure the pulley.

Identification of Any Warning that can Occur : Regarding the final drive pulley retaining nut there is no warning which can precede.

Supplier Identification :**Component Manufacturer**

Name : NR
Address : NR
NR
Country : NR

Chronology :

At the beginning of June 2016 Ducati received the first field report from the US market of a motorcycle where the belt primary drive wheel spun on the countershaft. During the months of July and August 2016 Ducati received an additional 13 field reports with similar complaints, 4 from the US market. At this time, Ducati initiated an analysis of the root cause of these issues, and on September 12, 2016 Ducati determined that a worldwide safety Recall was justified.

Description of Remedy :

Description of Remedy Program : Regarding the final drive pulley retaining nut an official Ducati dealer will install a new washer made with a harder material, and will tighten the final drive pulley retaining nut to an increased torque of 250 Nm (previously 186 Nm), 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 : Regarding the final drive pulley retaining nut, the sole difference between the old and new solution is the torque value of the nut and the replacement of the washer, with one that is made of a harder material.

Identify How/When Recall Condition was Corrected in Production : The same remedies have been introduced in the production line.

Recall Schedule :

Description of Recall Schedule : A Ducati North America Recall Bulletin will be published to the network of dealers through an established communication process. We estimate that we will initiate the Recall contact process for affected motorcycle customers by the first week of November 2016, immediately upon parts becoming available. Owner notification letters will be mailed within 60 days from submission of this report.

Planned Dealer Notification Date : OCT 10, 2016 - OCT 11, 2016

Planned Owner Notification Date : NOV 07, 2016 - NOV 08, 2016

* NR - Not Reported