

Part 573 Safety Recall Report

21V-335

Manufacturer Name : Ducati North America

Submission Date : MAY 27, 2021

NHTSA Recall No. : 21V-335

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : Ducati North America

Address : 1292 Reamwood Avenue
Sunnyvale CA 94089

Company phone : 719 209 4609

Population :

Number of potentially involved : 1,312

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2018-2021 Ducati Monster 821

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The recall population for this model includes vehicles originally manufactured using the new rear brake hose material, as well as vehicles that had the new hose material installed under TSB SRV-TSB-20-004 CR191. The population was determined using production and TSB records. Monster 821 MY 2018-2021 (1502) vehicle count: 613.

Production Dates : OCT 23, 2017 - JAN 11, 2021

VIN Range 1 : Begin : ZDMMACLS1JB000113 **End :** ZDMMACLS4MB009019 ☒ Not sequential

Vehicle 2 : 2017-2021 Ducati Monster 1200 S/STD

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The recall population for this model includes vehicles originally manufactured using the new rear brake hose material, as well as vehicles that had the new hose material installed under TSB SRV-TSB-20-006 CR193. The population was determined using production and TSB records. Monster 1200 S/STD MY 2017-2021 (1406) vehicle count: 540.

Production Dates : DEC 22, 2016 - JAN 20, 2021

VIN Range 1 : Begin : ZDMMACFW0HBO23780 **End :** ZDMMACFW5MB026054 ☒ Not sequential

Vehicle 3 : 2015-2017 Ducati Monster 821

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The recall population for this model includes vehicles that had the new rear brake hose material installed during a warranty repair. The population was determined based upon a review of warranty records. Monster 821 MY 2015-2017 (1008) vehicle count: 69.

Production Dates : JUL 10, 2014 - JUN 29, 2017

VIN Range 1 : Begin : ZDM1RBTS7FB006592 End : ZDM1RBTS9HB024742 ☒ Not sequential

Vehicle 4 : 2014-2016 Ducati Monster 1200 S/STD

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The recall population for this model includes vehicles that had the new rear brake hose material installed during a warranty repair. The population was determined based upon a review of warranty records. Monster 1200 S/STD MY 2014-2016 (1008) vehicle count: 39.

Production Dates : MAR 10, 2014 - JUL 07, 2016

VIN Range 1 : Begin : ZDM1RBSW7EB001153 End : ZDM1RBSV4GB022827 ☒ Not sequential

Vehicle 5 : 2016-2019 Ducati Monster 1200 R

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : The recall population for this model includes vehicles that had the new rear brake hose material installed under a warranty repair. The population was determined based upon a review of warranty records. Monster 1200 R MY 2016-2019 (1305) vehicle count: 51.

Production Dates : FEB 09, 2016 - APR 23, 2019

VIN Range 1 : Begin : ZDM1RBZW5GB018896 End : ZDM1RBZW0KB025568 ☒ Not sequential

Description of Defect :

Description of the Defect : Due to a combination of factors, the rear brake hoses installed on these motorcycles may be susceptible to heat damage, which may cause a sudden loss of rear brake function.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If this condition remains undetected, a sudden loss of rear brake performance may occur, increasing the risk of a crash. This condition affects only the rear

brake system. Because the front and rear systems are hydraulically independent, in the event of the sudden loss in the rear brake performance, the front brake continues to function as expected. Ducati North America (DNA) has not received any reports of accidents, injuries or property damage related to this issue.

Description of the Cause : Ducati Motor Holding (DMH) has identified the following causal or contributory factors that may lead to this condition: (1) installation/use of a rear brake hose material that has a lower resistance to temperature; (2) rear brake system layout in the Monster 821 and Monster 1200 application, whereby the rear brake hoses are, in a limited and specific area, exposed to the hot airflow of the exhaust manifold; and (3) conditions of use of the motorcycle, in particular if the motorcycle remains idling on the side stand or rear box stand for extended periods of time (e.g., during warm up or dealer service/diagnostics).

Identification of Any Warning that can Occur : Early damage to the hoses may be visually observed, and the rider may notice a loss of rear brake performance during the pre-ride check, as recommended in the Owner's Manual. If the issue is not detected, however, a hose failure and resulting loss of brake fluid could occur suddenly and without warning.

Involved Components :

Component Name 1 : Rear Brake Hose

Component Description : Rear Brake Hose from Rear brake master cylinder to ABS control unit

Component Part Number : NR

Component Name 2 : Rear Brake Hose

Component Description : Rear Brake Hose from ABS control unit to rear brake caliper

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

April 2020: To address reports of potential progressive degraded rear brake performance due to air in the rear brake system, DNA initiated TSB campaigns for the models Monster 821 MY 2018-2020 (1502) and Monster 1200 S/STD MY 2017-2021 (1406). Under these TSBs, dealers were authorized to replace the original equipment rear brake hoses with new brake hoses that were manufactured using a different inner hose material. Contemporaneously, Ducati also introduced this solution in production for these models, and offered the solution under warranty or goodwill, at no cost for owners, for the additional models: Monster 821 MY 2015-2017 (1008), Monster 1200 S/STD MY 2014-2016 (1008) and Monster 1200 R MY 2016-2019 (1305).

September 2020 – April 2021: In response to a dealer report of a damaged rear brake hose occurring during a service visit, DMH initiated an investigation into the root cause. DMH requested the return of the damaged parts, conducted numerous tests and analyses of returned parts and new parts, conducted a thorough evaluation of the bike, including the relationship between the rear brake hoses and other vehicle components, and considered potential dealer mis-installation issues.

April 2021: As this investigation proceeded, DMH continued to monitor the field experience with the new rear brake hose material.

As of April 2021, DMH was aware of 13 reports that described this condition, eight of which occurred while in customer possession, five of which occurred at a dealer during vehicle service when a bike is more likely to remain idling for extended periods for purposes of diagnostics and service. These reports were received on; 9/3/20, 9/15/20, 10/5/20, 11/5/20, 12/3/20, 12/23/20, 1/2/21, 1/26/21, 1/27/21, 2/17/21, 3/3/21, 3/4/21, and 4/15/21.

On May 4, 2021, Ducati Motor Holding's internal safety commission decided to launch a recall campaign to address this condition in the affected population.

Description of Remedy :

Description of Remedy Program : Ducati North America will notify dealers and owners of this recall in accordance with the notification schedule. Dealers will be instructed to install different rear brake hoses, free of charge, per Ducati North America Recall Bulletins, which will be published to the Ducati Dealer Network using the established communication process. Requests for reimbursement for pre-notification repairs will be considered in accordance with Ducati's general reimbursement plan on file with the agency.

How Remedy Component Differs from Recalled Component : The remedy brake hoses have a different length of the rigid (metallic) section to move the flexible (plastic) portion of the hose away from the hot airflow of the exhaust manifold.

Identify How/When Recall Condition was Corrected in Production : The motorcycle models involved in the Recall are no longer in production.

Recall Schedule :

Description of Recall Schedule : Ducati North America Recall Bulletins 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 owners during June 2021, but no later than 60 days from submission of this report.

Planned Dealer Notification Date : MAY 24, 2021 - MAY 31, 2021

Planned Owner Notification Date : JUN 23, 2021 - JUN 30, 2021

* NR - Not Reported