



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: PE 21-003
Date Opened: 02/18/2021
Investigator: Peter Kivett
Approver: Stephen Ridella
Subject: Extended Stopping Distance
Reviewer: Joshua Neff

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Ducati North America
Products: Multiple 2012-2020 Ducati Model Motorcycles
Population: 34,357 (Estimated)
Problem Description: Inconsistent braking, extended stopping distance and unexpected soft rear brake pedal when applying the brakes.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	22	TBD	22
Crashes/Fires:	1	TBD	1
Injury Incidents:	1	TBD	1
Number of Injuries:	1	TBD	1
Fatality Incidents:	0	TBD	0

ACTION / SUMMARY INFORMATION

Action: This Preliminary Evaluation (PE) is opened.

Summary:

The Office of Defects Investigation (ODI) is opening this Preliminary Evaluation (PE) on model year (MY) 2012-2020 Ducati Monster, Multistrada, Supersport, Panigale, Scrambler and Diavel model motorcycles based on allegations of loss of braking performance.

ODI is aware of 22 consumer complaints alleging extended stopping distance due to a loss of rear braking. Many consumers allege the rear brakes failed until several applications of the rear brake lever, while other consumers alleged a total loss of rear braking. In addition, many consumers allege this condition occurs without warning.

ODI learned Ducati released several service bulletins for the subject motorcycles that address a rear brake performance concern. One of the bulletins describes replacing the rear brake line. The campaigns instruct technicians to inspect and replace the brake line, only if necessary, following a consumer complaint. A newly designed brake line, that does not allow air to enter the braking system through the collar of a banjo-fitting, replaces the existing line on a complainants motorcycle. The updated brake line is more robust and manufactured to a different tolerance and design. In December 2020, ODI became aware of a crash and injury allegedly caused by a loss of rear braking on a motorcycle that is part of the subject population.

A Preliminary Evaluation has been opened to determine the frequency of this failure mechanism and to understand the conditions that might influence it on the subject vehicles.

The ODI reports cited above can be reviewed at:
<http://www-odi.nhtsa.dot.gov/owners/SearchNHTSAID>
using the following complaint identification numbers:

11324537,11322977,11084964,10637894,10930321,10595840,11351656,11321752,10554384,11202598,10892096,

10762570,11132335,10888508,10683812,10668276,10611150,11144592,11192345,11075296,11384099,11378000.