



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: PE 10-043
Date Opened: 11/04/2010
Investigator: Robert Young
Approver: Richard Boyd
Subject: Motorcycle Stalling

Date Closed: 01/07/2011
Reviewer: Bruce York-B

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: DUCATI NORTH AMERICA
Products: 2010 Ducati Multistrada 1200
Population: 1,196
Problem Description: Engine stall while slowing (tip-out stall).

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	3	3	6
Crashes/Fires:	0	0	0
Injury Incidents:	0	0	0
Fatality Incidents:	0	0	0
Other*:	2	0	2

*Description of Other: Web forum postings

ACTION / SUMMARY INFORMATION

Action: Ducati has announced a safety recall, 11V-003, in lieu of PEIR response. This investigation is closed.

Summary:

Following a discussion with Ducati about a communication in it's June 5, 2010 "Tips and Tricks" newsletter, the company agreed to recall all Model Year 2010 MTS1200 motorcycles to address a "tip-out stall" issue.

With that recall, submitted in lieu of a the PE Information Response, this investigation is closed.

DUCATINORTH AMERICA, INC.

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Corporate Headquarters

To: Ms. Kelly Schuler, Ms. Delia Lopez
Recall Analysis Division
Safety Assurance

From: Jonathan LaForte
Ducati North America

Subject: Safety Recall Campaign Notification

Dear Ms. Schuler and Ms. Lopez,

Attached please find a recall campaign notification form concerning Ducati M.Y. 2010 Multistrada 1200 motorcycles.

I am reachable by email, fax, and phone at:

Email: jon.laforte@ducati.com
Fax: (408) 716-3135
Phone: (408) 343-4437

Regards,

Jonathan LaForte



Safety Defect and Noncompliance Report Guide for Vehicles
PART 573 Defect and Noncompliance Responsibility and Reports¹

On December 17, 2008, Ducati Motor Holding (MFR) decided that (a defect which relates to motor vehicle safety)(a noncompliance with Federal Motor Vehicle Safety Standard No. 577) exists in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Noncompliance Responsibility and Reports.

Date this report was prepared: December 17, 2010

Furnish the manufacturer's identification code for this recall (if applicable): RCL-10-004

1. Identify the full corporate name of the fabricating manufacturer of the vehicle being recalled. If the recalled vehicle is imported, provide the name and mailing address of the designated agent as prescribed by 49 U.S.C. §30164.

Ducati Motor Holding, SPA
Via Cavalieri, Ducati, 3 40132 Bologna Italy

Identify the corporate official, by name and title, whom the agency should contact with respect to this recall.

Jonathan LaForte, Technical Manager

Telephone Number: 408-343-4437 Fax No.: 408-716-3135

Name and Title of Person who prepared this report.

Jonathan LaForte
Technical Manager - DNA

Signed:

J. LaForte

¹ Each manufacturer must furnish a report, to the Associate Administrator for Enforcement, for each defect or noncompliance condition which relates to motor vehicle safety.

I. Identify the Vehicle Models Involved in the Recall

2. Identify the Vehicles Involved in the Recall, for each make and model or applicable vehicle line (provide illustrations or photographs as necessary to describe the vehicle), provide:

Make(s): Ducati Model Years Involved: 2010 Model(s): Multistrada 1200

Production Dates: Beginning: 11/18/09 Ending: 07/28/10

VIN Range: Beginning: ZDM12BLW4AB000023 Ending: ZDM12BLW5AB007119

Vehicle Type: MC Bodystyle: STO

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

Make(s): _____ Model Years Involved: _____ Model(s): _____

Production Dates: Beginning: _____ Ending: _____

VIN Range: Beginning: _____ Ending: _____

Vehicle Type: _____ Bodystyle: _____

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

Make(s): _____ Model Years Involved: _____ Model(s): _____

Production Dates: Beginning: _____ Ending: _____

VIN Range: Beginning: _____ Ending: _____

Vehicle Type: _____ Bodystyle: _____

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

Identify the approximate percentage of the production of all the recalled models manufactured by your company between the inclusive dates of manufacture provided above, that the recalled model population represents. For example, if the recall involved Vehicles equipped with certain items of equipment from January 1, 1996 through April 1, 1997, then what was the percentage of the recalled Vehicles of all Vehicles manufactured during that time period.

100%

II. Identify the Recall Population

3. Furnish the total number of vehicles recalled potentially containing the defect or noncompliance.

Model	Year	Number of Vehicles Potentially Involved
MTS 1200/S	2010	1196

Total Number Potentially Affected by the Recall: 1196

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance:

Identify and describe how the recall population was determined--in particular how the recalled models were selected and the basis for the beginning and final dates of manufacture of the recalled vehicles:

During Quality Controls analysis of customer
feedback from motorcycles in the field it was
determined that while downshifting or
maneuvering with the clutch dis-engaged
and the engine at idle it is possible that
the engine could stall.

III. Describe the Defect or Noncompliance

5. Describe the defect or noncompliance. The description should address the nature and physical location of the defect or noncompliance. Illustrations should be provided as appropriate.

The fuel mapping in the Electronic Control Unit (ECU) requires modification.

Describe the cause(s) of the defect or noncompliance condition.

The original fuel map in the ECU allows for a condition that could possibly cause the motorcycle to stall.

Describe the consequence(s) of the defect or noncompliance condition.

The motorcycle engine could shut off during operation resulting in loss of control by the rider.

Identify any warning which can (a) precede or (b) occur.

Stalling or hesitation at or near idle.

If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.

In-house production

Identify the name and title of the chief executive officer or knowledgeable representative of the supplier:

IV. Provide the Chronology in Determining the Defect/Noncompliance

If the recall is for a defect, complete item 6, otherwise item 7.

6. With respect to a defect, furnish a chronological summary (including dates) of all the principle events that were the basis for the determination of the defect. The summary should include, but not be limited to, the number of reports, accidents, injuries, fatalities, and warranty claims.

7. With respect to a noncompliance, identify and provide the test results or other data (in chronological order and including dates) on which the noncompliance was determined.

During Quality Controls analysis of customer
feedback from motorcycles in the field it was determined
that while downshifting or maneuvering with the
clutch dis-engaged and the engine at idle it is
possible that the engine could stall.

V. Identify the Remedy

8. A description of the manufacturer's program for remedying the defect or noncompliance. This program shall include a plan for reimbursing an owner or purchaser who incurred costs to obtain a remedy for the problem addressed by the recall within a reasonable time in advance of the manufacturer's notification of owners, purchasers and dealers, in accordance with §573.13 of this part. A manufacturer's plan may incorporate by reference a general reimbursement plan it previously submitted to NHTSA, together with information specific to the individual recall. Information required by §573.13 that is not in a general reimbursement plan shall be submitted in the manufacturer's report to NHTSA under this section. If a manufacturer submits one or more general reimbursement plans, the manufacturer shall update each plan every two years, in accordance with §573.13. The manufacturer's remedy program and reimbursement plans will be available for inspection by the public at NHTSA headquarters.

An authorized Ducati dealer will re-flash
the ECU with an updated fuel map at
no cost to the customer.

9. Furnish a description of the manufacturer's remedy for the defect or noncompliance. Clearly describe the differences between the recall condition and the remedy.

The manufacturers remedy and the Recall remedy are the same. A qualified technician will re-flash the ECU

Clearly describe the distinguishing characteristics of the remedy component/assembly versus the recalled component/assembly.

The fuel map number is revised in the ECU. The number is visible when utilizing the Ducati Diagnostic System

Identify and describe how and when the recall condition was corrected in production. If the production remedy was identical to the recall remedy in the field, so state. If the product was discontinued, so state.

The Production and Field Remedies are the same.

VI. Identify the Recall Schedule

10. Furnish a schedule or agenda (with specific dates) for notification to other manufacturers, dealers/retailers, and purchasers. Please, identify any foreseeable problems with implementing the recall.

Ducati North America Recall Bulletin to be published to the network of dealers. Established communication process; therefore no implementation problems anticipated.

VII. Furnish Recall Communications

11. Furnish a final copy of all notices, bulletins, and other communications that relate directly to the defect or noncompliance and which are sent to more than one manufacturer, distributor, or purchaser. This includes all communications (including both original and follow-up) concerning this recall from the time your company determines the defect or noncompliance condition on, not just the initial notification. A DRAFT copy of the notification documents should be submitted to this office by Fax (202-366-7882) or by E-Mail to RMD.ODI@dot.gov for review prior to mailing.

Note that these documents are to be submitted separately from those provided in accordance with Part 579.5 requirements.