

Safety Defect and Noncompliance Report Guide for *Equipment*

PART 573 Defect and Noncompliance Report

Date: 2013-12-03

Red text = new information

This report serves as [insert reporting party’s name]’s notification to the U.S. Department of Transportation, National Highway Traffic Safety Administration that a [insert as applicable: “defect related to motor vehicle safety” or “noncompliance with Federal Motor Vehicle Safety Standards”] exists in certain [identify the equipment at issue]. [Manufacturer] decided that this [insert “defect” or “noncompliance,” as applicable] existed in these vehicles on [insert date].

I. Manufacturer, Designated Agent, and Other Chain of Distribution Information

Manufacturer’s corporate name: Öhlins Racing AB

Equipment’s brand or trademark name owner(s) (where applicable):

Designated Agent (imported equipment):

Ohlins USA Inc., 703-C S. Grove St., 28792 Hendersonville

gary.christopher@ohlinsusa.com

If this notification concerns equipment that was installed in new motor vehicles or new items of motor vehicle equipment, identify by name, address, and telephone number each vehicle manufacturer and equipment manufacturer who purchased that equipment:

If this notification concerns a defective or noncompliant component that the above identified manufacturer did not manufacture, identify that component and provide the name, address, and phone number of the manufacturer of the component (if this manufacturer is unknown, provide this information as to the supplier of the component):

Name, address, email, and phone and fax numbers for the person(s) to whom inquiries about this report should be directed:

Oskar Ahlgren, Quality and Environmental Engineer

Ohlins Racing AB, Box 772, SE-19427 Upplands Väsby, Sweden

Phone: +46-8-54602606

Manufacturer's assigned campaign number (where applicable): 13E-034

II. Identification of the Recall Population and Its Size

Complete the tables below for each item of equipment subject to this notification. Additional tables may be necessary where there are more than three items subject to a notification.

Type of equipment (e.g., tire, child restraint, headlamp): Universal Steering damper kit for BMW S1000 RR
Part/Model number: SD 033, SD 037, SD 038
Size and function (where applicable):
Inclusive dates of manufacture (month and year): 2008-09 to 2013-10
Other information necessary to describe this equipment:
Total number of these items of equipment: SD 033: 666 items SD 037: 25 items SD 038: 110 items

Type of equipment (e.g., tire, child restraint, headlamp): Universal Steering damper kit
Part/Model number: SD 000, SD 001, SD 002, SD 003, SD 004, SD 005
Size and function (where applicable):
Inclusive dates of manufacture (month and year): 2008-09 to 2013-10
Other information necessary to describe this equipment: SD 000: 63 mm SD 001: 68 mm SD 002: 90 mm SD 003: 120 mm SD 004: 140 mm SD 005: 150 mm
Total number of these items of equipment: SD 000: 477 items SD 001: 448 items SD 002: 48 items SD 003: 39 items SD 004: 59 items SD 005: 60 items

Type of equipment (e.g., tire, child restraint, headlamp): Steering damper kit for Yamaha R1
Part/Model number: SD 124, SD 027
Size and function (where applicable):
Inclusive dates of manufacture (month and year): 2008-09 to 2013-10
Other information necessary to describe this equipment: SD 027: Yamaha R1 year 2004-2008 SD 124: Yamaha R1 year 1998-2006
Total number of these items of equipment: SD 027: 301 items SD 124: 3 items

Type of equipment (e.g., tire, child restraint, headlamp): Steering damper kit for Yamaha R6
Part/Model number: SD 020
Size and function (where applicable):
Inclusive dates of manufacture (month and year): 2008-09 to 2013-10
Other information necessary to describe this equipment: SD 020: Yamaha R6 year 2008-2013
Total number of these items of equipment: SD 020: 566 items

Type of equipment (e.g., tire, child restraint, headlamp): Steering damper kit for Yamaha FZ6
Part/Model number: SD 178
Size and function (where applicable):
Inclusive dates of manufacture (month and year): 2008-09 to 2013-10
Other information necessary to describe this equipment: SD 178: Yamaha FZ6 year 2004-2005
Total number of these items of equipment: SD 178: 4 items

Type of equipment (e.g., tire, child restraint, headlamp): Steering damper kit for Suzuki TL1000 R
Part/Model number: SD 137
Size and function (where applicable):
Inclusive dates of manufacture (month and year): 2008-09 to 2013-10
Other information necessary to describe this equipment: SD 137: Suzuki TL1000 R year 1998-2001
Total number of these items of equipment: SD 137: 15 items

Type of equipment (e.g., tire, child restraint, headlamp): Steering damper kit for Ducati Monster
Part/Model number: SD 154
Size and function (where applicable):
Inclusive dates of manufacture (month and year): 2008-09 to 2013-10
Other information necessary to describe this equipment: SD 154: Ducati Monster 1000 year 2003-2007
Total number of these items of equipment: SD 154: 73 items

Type of equipment (e.g., tire, child restraint, headlamp): Steering damper kit for Ducati 848
Part/Model number: SD 197
Size and function (where applicable):
Inclusive dates of manufacture (month and year): 2008-09 to 2013-10
Other information necessary to describe this equipment: SD 197: Ducati 848 year 2008-2011
Total number of these items of equipment: SD 197: 61 items

Type of equipment (e.g., tire, child restraint, headlamp): Steering damper kit for Honda CB600RR
Part/Model number: SD 170, SD 180
Size and function (where applicable):
Inclusive dates of manufacture (month and year): 2008-09 to 2013-10
Other information necessary to describe this equipment: SD 170: Honda CB600RR year 2003-2004 SD 180: Honda CB600RR year 2005-2006
Total number of these items of equipment: SD 170: 11 items SD 180: 11 items

Type of equipment (e.g., tire, child restraint, headlamp): Steering damper kit for Ducati 748
Part/Model number: SD 120
Size and function (where applicable):
Inclusive dates of manufacture (month and year): 2008-09 to 2013-10
Other information necessary to describe this equipment: SD 120: Ducati 748 year 1994-2002
Total number of these items of equipment: SD 120: 227 items

Type of equipment (e.g., tire, child restraint, headlamp): Steering damper kit for Suzuki GSX1300R
Part/Model number: SD 182
Size and function (where applicable):
Inclusive dates of manufacture (month and year): 2008-09 to 2013-10
Other information necessary to describe this equipment: SD 182: Suzuki GSX1300R year 2003-2008
Total number of these items of equipment: SD 182: 30 items

Type of equipment (e.g., tire, child restraint, headlamp): Steering damper kit for Ducati 848, 916, 996, 998
Part/Model number: SD 031
Size and function (where applicable):
Inclusive dates of manufacture (month and year): 2008-09 to 2013-10
Other information necessary to describe this equipment: SD 031: Ducati 848, 916, 996, 998 year 1994-2013
Total number of these items of equipment: SD 031: 394 items

Provide the following information as to all the items of equipment (“the recall population”) identified above:

Grand total number of items of equipment in the recall population: 801 + 2827

The percentage of the recall population you estimate actually contain the defect or noncompliance: 100%

Identify and describe how the recall population was determined (e.g., on what basis the recalled models were selected and how the inclusive dates of manufacture were determined):

The nonconforming steering damper brackets are manufactured in a different raw material.

Due to these circumstances Ohlins Racing were able to trace the use of the nonconforming raw material.

Describe how the recall population is different from any similar items of equipment not subject to this notification:

They are made of aluminum alloy EN AW 7075-T6.

III. Description of the Defect or Noncompliance and Chronology of Events

Describe the defect or noncompliance, including a summary and detailed description of the nature and physical location (if appropriate) of the defect or noncompliance. Graphic aids should be provided where necessary.

Please see the picture below showing a broken steering damper bracket.



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

The cause is material that has been machined in an unfavorable direction in combination with a
probable material defect and an aluminum alloy which is sensitive for stress corrosion cracking.

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

There is a risk if the bracket will fail, that the bracket can slide on the cylinder body
resulting in less steering angle in one direction or possibly a sensation of uneven or asymmetric
damping. Either of these events may surprise the rider in a way that the rider does not have
full control of the motorcycle.

Identify any warning(s) that may precede the defect or noncompliance condition.

For defects, provide a dated, chronological summary of all the principle events that were the basis for the determination that the defect is related to motor vehicle safety, including a summary of all warranty claims, field or service reports, and other information such as numbers of crashes, injuries and fatalities.

2011-08-18, 2012-03-29, 2012-07-23, 2012-09-07, 2013-01-11, 2013-01-15, 2013-03-28 no injuries

United States of America: 2013-08-15 - no personal injuries

Spain: 2013-09-15 - personal injuries

Spain: 2013-11-12 - personal injuries

For noncompliances, identify the test results and other information considered in determining the existence of the noncompliance, and provide the date of each test and observation indicative of that noncompliance.

Report No 1840 2013-05-06; fracture can be recreated in a laboratory.

IV. The Remedy Program and Its Schedule

Describe the program for remedying the defect or noncompliance, including the plan for reimbursing those owners and purchasers who may have incurred costs to remedy the defect or noncompliance before receiving the manufacturer's notification concerning that defect or noncompliance. Also include, where applicable, details with dates concerning any production remedy that was conducted or will be conducted.

Provide the estimated date(s) on which owner and purchaser notifications will be issued and the estimated date(s) for completion of those notifications.

Provide the estimated date(s) on which dealer and distributor notifications will be issued and the estimated date(s) for completion of those notifications.

Letters to distributors were sent during November 2013.

Describe the distinguishing characteristics of the remedy component/assembly versus the recalled component/assembly.

The new bracket is made of aluminum alloy 7075 T73 / T7351. This material is not known susceptible for the direction of machining as the previous material.

******* IMPORTANT REMINDERS *******

A DRAFT version of the letter that the manufacturer intends to mail to owners and purchasers notifying them of the defect and/or noncompliance must be submitted to NHTSA at least five Federal Government business days before those letters are issued. In addition, it is recommended that the draft version of the letter that the manufacturer intends to send to its dealers and distributors concerning the defect and/or noncompliance also be submitted for review. For prompt receipt and review, drafts may be submitted to the attention of the Recall Management Division (NVS-215) via facsimile on (202) 366-7882, or email to RMD.ODI@dot.gov.

A representative 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, dealer, or purchaser, must be submitted to NHTSA no later than five days after they are initially sent. This requirement applies both to the final version of the notification letter that is sent to owners and purchasers, as well as the final version that is sent to dealers and distributors. It also includes any follow-up notifications issued concerning a recall. The representative copies of the letters sent to owners and purchasers, and dealers and distributors, must be submitted via certified mail. It is strongly recommended, however, that additional representative copies be submitted via facsimile on (202) 366-7882, or email to RMD.ODI@dot.gov, so that the submission can be more promptly reviewed. All submissions should be conspicuously labeled with the appropriate NHTSA-assigned recall number.