

Safety Defect and Noncompliance Report Guide for Vehicles

PART 573 Defect and Noncompliance Report

Date: 2013-06-19

This report serves as [insert reporting manufacturer'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 vehicles 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

Vehicle brand or trademark name owner(s) (where applicable):

Designated Agent (imported vehicles):

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:

Goeran Persson, Ohlins Racing AB, Box 722,
S'E-19427 Upplands Väsby, Sweden,
Phone: +46-8-54602637

Manufacturer's assigned campaign number (where applicable):

II. Identification of the Recall Population and Its Size

Complete the tables below for each group of vehicles subject to this notification. Additional tables may be necessary where there are more than three groups subject to a notification.

Make:
Model:
Model Year(s):
Inclusive dates of manufacture (month and year):
Body Style/Type (for non-passenger cars):
Other information necessary to describe these vehicles (e.g., VIN range, GVWR or class for trucks, displacement for motorcycles, and number of passengers for buses):
Total number of these vehicles:

Make:
Model:
Model Year(s):
Inclusive dates of manufacture (month and year):

Body Style/Type (for non-passenger cars):
Other information necessary to describe these vehicles (e.g., VIN range, GVWR or class for trucks, displacement for motorcycles, and number of passengers for buses):
Total number of these vehicles:

Make:
Model:
Model Year(s):
Inclusive dates of manufacture (month and year):
Body Style/Type (for non-passenger cars):
Other information necessary to describe these vehicles (e.g., VIN range, GVWR or class for trucks, displacement for motorcycles, and number of passengers for buses):
Total number of these vehicles:

Provide the following information as to all the groups of vehicles:

Grand total number of vehicles: _____

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

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):

This concerns a steering damper bracket which is made by Ohlins Racing for its steering damper (SD033, SD037, SD038) sold on the aftermarket for motorcycle BMW S1000RR. The bracket can crack which has happened in seven cases which has been claimed. 801 pcs has been delivered to USA.

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

The bracket has been machined in the wrong direction in combination with a probable material defect when rolling of the aluminium plate at the mill. The aluminium alloy is also sensitive to stress corrosion cracking.

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 above.

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

Please see above.

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

When turning the steering to its maximum the steering damper may loosen (provided there is a crack in the bracket) which can result in the steering damper locking the steering. However this happens only at low speed (i.e. when walking).

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.

1/2011-08-18, 2/2012-03-29, 3/2012-07-23, 4/2012-09-07
5/2013-01-11, 6/2013-01-15 7/2013-03-28
No injuries has been reported!

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 1707 2012-06-04; stress corrosion cracking, incorrectly rolled (Dendritic coring), the brackets were cut in the wrong direction from the plate.

Report No 1840 2013-05-06; fracture can be re-created 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.

The distributors are being contacted to find the customers and to provide them with a new bracket made of another alloy (7075 T73 / T7351).

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

- Owner and purchaser notifications estimated during June 2013
- Estimated date for completion is not known at this point in time.

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

- Distributor notifications are estimated for June 2013.
- Estimated date for completion is not known at this point in time.

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

The new bracket is made of aluminum 7075 T73 / T7351 which is resistant to stress corrosion cracking and can be manufactured (i.e. machined) in any direction.