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(8 pages)

Safety Defect and Non-compliance Report Guide for Vehicles
PART 573 Defect and Non-compliance Report¹

On 22nd July 2013, Triumph Motorcycles Limited decided that (a defect which relates to motor vehicle safety)(a non-compliance with Federal Motor Vehicle Safety Standard No. _____) 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 Non-compliance Reports**.

Date this report was prepared: 22/07/2013

Furnish the manufacturer's identification code for this recall (if applicable): SB492-495 _____

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.

Triumph Motorcycles (America) Ltd, 100 Hartsfield Centre Parkway, Suite 200, Atlanta, Georgia, 30354, 678.854.2010 p

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

Scott Callander, Manager (Warranty).

Telephone Number: +44 1455 251700 Fax No.: +44 1455 453137

Name and Title of Person who prepared this report.

Emma Rowe, Warranty Recall Co-Ordinator (Central Warranty Team).

Signed: _____ E D Rowe

¹Each manufacturer must furnish a report, to the Associate Administrator for Safety Assurance, for each defect or non-compliance condition which relates to motor vehicle safety.

This guide was developed from 49 CFR Part 573, "Defect and Non-compliance Reports" and also outlines information currently requested. Any questions, please consult the complete Part 573 or contact Mr. Jon White at (202) 366-5227 or by FAX at (202) 366-7882.

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): Triumph **Model Years Involved:** 2012/2013 **Model(s):** Street Triple ABS,

Production Dates: Beginning:07/12 **Ending:** 07/12

VIN Range: Beginning: 565000-613570

Vehicle Type: M/C **Bodystyle:** Naked Sport_____

Make(s): Triumph **Model Years Involved:** 2012/2013 **Model(s):** Street Triple R ABS,

Production Dates: Beginning:07/12 **Ending:** 07/12

VIN Range: Beginning: 565030-613570

Vehicle Type: M/C **Bodystyle:** Naked Sport_____

Make(s): Triumph **Model Years Involved:** 2012/2013 **Model(s):** Daytona 675 ABS,

Production Dates: Beginning:10/12 **Ending:** 06/13

VIN Range: Beginning: 572533-613932

Vehicle Type: M/C **Bodystyle:** Naked Sport_____

Make(s): Triumph **Model Years Involved:** 2012/2013 **Model(s):** Daytona 675 R ABS,

Production Dates: Beginning:09/12 **Ending:** 06/13

VIN Range: Beginning: 569021-613932

Vehicle Type: M/C **Bodystyle:** Naked Sport_____

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

The affected vins have a modulator fitted which due to an issue with the precision jig at point of manufacture may contain debris inside the product.

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 Widgets equipped with certain items of equipment from January 1, 1996 through April 1, 1997, then what was the percentage of the recalled Widgets of all Widgets manufactured during that time period.

II. Identify the Recall Population

3. Furnish the total number of vehicles recalled potentially containing the defect or non-compliance.

Model	Year	Number of Vehicles Potentially Involved
Street Triple ABS	12/13	384
Street Triple R ABS	12/13	626
Daytona 675 ABS	12/13	388
Daytona 675 R ABS	12/13	489

Total Number Potentially Affected by the Recall: 1887

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or non-compliance: 100% _____

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:

The recall population ranges from the first motorcycle built of these models which was fitted with the affected modulator through to the last vin produced prior to the introduction of the remedied modulator.

III. Describe the Defect or Non-compliance

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

Aluminium filings were generated during production and remained inside the product which could potentially grind the seal part of the outlet check valve when the ABS is operated causing the functional capability of the seal to be lost along with the functional capability of the ABS. There could be friction between the body and the check valve due to misaligned press fitting of the check valve due to which the body end-face could break and aluminium filing could be generated.

Describe the cause(s) of the defect or non-compliance condition.

The main cause of the defect was insufficient sensitivity of the seat sensor of the body affixing jig. This has been remedied and subsequently all affected vins are to be remedied by removing the ABS modulator and replacing with a new/modified ABS modulator.

Describe the consequence(s) of the defect or non-compliance condition.

Aluminium filing remaining inside the component could be carried along by the brake fluid filling process or a process in the assembly of the complete vehicle and could be ground into the outlet check valve. In addition the aluminium filing could potentially have ground into the outlet check valve during ABS operation in the market. If the seal of the outlet check valve became defective the pump pressure could not rise when the ABS is activated and the functional capability during the ABS operation could be lost and there could be a risk of the vehicle bearing becoming unstable.

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

Not known

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

Nissin Kogyo Co. LTD
Headquarters: 840 Kokubu, Ueda-shi, Nagano-ken, 386-8505, Japan

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

IV. Provide the Chronology in Determining the Defect/Non-compliance

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.**

Dec 2012 – Triumph reported defect to Nissin.

08/07/2013 – Nissin determine that there was a reportable defect and advise recall.

22/07/2013 – Triumph UK inform Triumph USA.

22/07/2013 – Triumph UK submits Form 573 to Triumph USA.

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

N/A

V. Identify the Remedy

- 8. Furnish a description of the manufacturer's remedy for the defect or non-compliance. Clearly describe the differences between the recall condition and the remedy.**

The main cause of the defect was insufficient sensitivity of the seat sensor of the body affixing jig.

This has been remedied and subsequently all affected vins are to be remedied by removing the ABS modulator and replacing with a new/modified ABS modulator.

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

The recalled component may contain debris, I.e. swarf due where-as the remedied component will not.

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.

Nissin remedied the jig which caused the issue on 23rd January 2013 and altered the sensitivity of the seat sensor of the body affixed jig on 22nd March 2013.

VI. Identify the Recall Schedule

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.

N/A

VII. Furnish Recall Communications

9. Furnish a final copy of all notices, bulletins, and other communications that relate directly to the defect or non-compliance 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 non-compliance 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) for review prior to mailing.*

Note that these documents are to be submitted separately from those provided in accordance with Part 573.8 requirements.

Service Bulletin 492-495 to follow in due course.