

06 V-315
(10 Pages)

Safety Defect and Noncompliance Report Guide for Vehicles
PART 573 Defect and Noncompliance Report¹

On 15th June 2006, Triumph Motorcycles Ltd [MFR] decided that (a defect which relates to motor vehicle safety)(a noncompliance 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 Noncompliance Reports.

Date this report was prepared: 2nd August 06

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

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
385 Walt Sanders Memorial Drive
Suite 100
Newnan, Georgia
GA30265
United States of America

NOTIFICATION
23 AUG 06

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

Mr. Shell Barr

Telephone Number: 001 678 854 2010 Fax No.: 001 678 854 2027

Name and Title of Person who prepared this report.

Mr. Charles Smart

Signed: 

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

This guide was developed from 49 CFR Part 573, "Defect and Noncompliance 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:** 2006 _____ **Model(s):** Sprint ST (1050), Sprint ST ABS (1050), Speed Triple (1050) & Daytona 955

Production Dates: Beginning: December 2005 _____ **Ending:** April 2006

VIN Range: Beginning: 258442 _____ **Ending:** 272561 _____

Vehicle Type: Motorcycle _____ **Bodystyle:** Sports Touring _____

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

None

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 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.

The subject bolt (Triumph part no: T3050155) is used as an anti rotation device in order to anchor the rear brake calliper carrier. The bolt is fitted to the inside face of the swinging arm, which on these models is of a single sided design, comprising a single beam found on the left hand side of the motorcycle.

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

The bolt was found not to be manufactured to design intent. As a result the 'hardness' of the bolt was outside the intended range and was not sufficiently ductile for its location on the motorcycle.

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

The bolt may shear. Under such circumstances the calliper carrier is no longer anchored and will rotate in the direction of the wheel. This will result in the rear brake calliper (which is mounted at the end of the calliper carrier) will contact the top face of the swinging arm, damaging both the arm and calliper body. **Whereas our in service records show no evidence of the rear brake performance having been lost or compromised, and whereas no accidents or injuries have been reported, we nonetheless believe it to be in the customers' best interests to replace the bolt.**

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

We are not aware of any preceding warnings. We believe the rider would be aware of a metallic striking noise at the time the calliper body strikes the top of the swinging arm.

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

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

Owenr : Vaughan Wigpool

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.

April 2006 – 3 in-service instances of anti-rotation device (stop bolt) having sheared.

Parts from the above 3 macines requested back from dealers.

Engineering and metallurgy examinations commence using recovered parts from service.

15th June 2006 – Engineering and metallurgy investigations complete and root cause of defect identified. Agreed to recall those bikes fitted with suspect bolts. A further 2 instances of bolts having sheared since April 2006; total = 5.

Improved bolt with new part number released.

Dialogue with supplier on production of sufficient parts to support in-service replacement campaign.

July 2006 – preparation of support paperwork, Service Bulletins and safety agency documentation.

Mid Aug – planned launch of recall to all markets.

V. Identify the Remedy

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

Remedy = new bolt of different design and better heat treatment specification from Triumph Motorcycles Ltd

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

No physical differences.

Different part numbers. Original bolt = T3050155. Replacement bolt = T3050164.

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.

Triumph undertook to test the hardness of unused bolts T3050150 and only those having passed these tests were used in production after Vin 272561. Thereafter new bolt T3050164 was introduced to production.

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.

15 Aug 2006 – Manufacture, Triumph Motorcycles Ltd, notifies international subsidiaries of need to recall certain bikes.

As per Triumph's normal procedure, all international subsidiaries and distributors given 2/3 days to notify dealers and a further 3 days to notify customers via direct mail.

VII. Furnish Recall Communications

9. 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) for review prior to mailing.*