

Part 573 Safety Recall Report**16V-163****Manufacturer Name :** Triumph Motorcycles America, LTD**Submission Date :** MAR 18, 2016**NHTSA Recall No. :** 16V-163**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Triumph Motorcycles America, LTD

Address : 100 Hartsfield Centre Parkway

Suite 200 Atlanta GA 30354

Company phone : 678-854-2010

Population :

Number of potentially involved : 120

Estimated percentage with defect : 50

Vehicle Information :

Vehicle : 2016-2016 Triumph Street Twin

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Motorcycles containing a sub harness, fuel pump (Triumph part no: T2401414) bearing a batch code of "X111540044" or "X111540060" require the part to be replaced.

Production Dates : SEP 07, 2015 - NOV 21, 2015

VIN (Vehicle Identification Number) Range

Begin : smtdad74gdg731919

End : smtdad74gdg739946

 Not sequential VINs**Description of Defect :**

Description of the Defect : The subject harness is used to supply electrical current from the motorcycle main wiring harness to the fuel pump located inside the fuel tank. The sub harness passes through the fuel pump mounting plate. Excess moulding flash may damage the wiring insulation, which could breach the insulation and expose the wiring to fuel in the tank.

Pursuant to 49 CFR §577.11(e), Triumph requests that it be exempt from providing notification of a reimbursement plan. Any pre-notification product failure would have been replaced under the manufacturer's limited warranty. Accordingly, no person would be eligible for reimbursement pursuant to §573.13

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Fuel can travel down the exposed wiring toward the sub harness to the main harness connector. In the event of an electrical short, there is a risk of fire.

Description of the Cause : Excess plastic moulding "flash" created as a consequence of the manufacturing tool

design may damage the wiring insulation, resulting in a breach of the insulation and exposed wiring.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : CTE Tech Corp

Address : NR

FOREIGN STATES

Country : China

Chronology :

19th Jan 2016. As part of routine testing, a development test bike was disassembled and discovered to have damaged insulation in one of the wires passing through the connector fitted to the fuel pump plate. Fuel was discovered between the insulation and wiring which had travelled down to the sealed main harness connector. A preliminary investigation indicated that plastic moulding "flash" originating from split line (of the manufacturing tool) may have contacted the insulation, resulting in damage to the insulation. This information was reported to the Quality Department.

29th Jan 2016. A Triumph quality engineer met with the supplier of the sub harness. The supplier confirmed that tooling used to manufacture this component had been changed in September 2015. One of the changes had been to relocate the split line from a position intersecting with the electrical wiring to a position that avoided this intersection. The supplier also provided ship dates of the parts with the original design and parts with the revised design.

February – early-March 2016. Triumph's quality engineer continued to liaise with the supplier in order to identify the specific affected batches and to trace those batches to vehicles produced. Triumph's Quality Department inspected and audited Triumph stock of parts to identify defective parts.

10th March 2016. Triumph's Quality Department informed Triumph's Claims Management Department of its initial review of the issue.

11th March 2016. Triumph's Claims Management Department called a Recall Committee meeting for the next working day.

14th March 2016. Triumph Recall Committee considered the issue and, based upon the information presented, determined that a safety-related defect exists in the affected population.

Description of Remedy :

Description of Remedy Program : Triumph dealers will inspect the sub harness. Where the sub harness bears a batch code of "X111540044" or "X111540060" the dealer will replace the sub harness with a new part.

How Remedy Component Differs from Recalled Component : The defective part will show the split line intersecting the electrical wiring. Defective parts will bear a batch code of "X111540044" or "X111540060".

The remedied part will show the split line not intersecting the electrical wiring.

Identify How/When Recall Condition was Corrected in Production : The recall condition was corrected by changing the design of the manufacturing injection moulding tool to change how the tool was opened in order to eject the moulding – thereby relocating the split line.

Recall Schedule :

Description of Recall Schedule : 18th March 2016 – TMA notify NHTSA and commence preparations to repair affected motorcycles in the market.
22nd March 2016 – Launch campaign to dealers and public via Triumphonline.
Net notice and service bulletin.

Planned Dealer Notification Date : MAR 22, 2016 - APR 29, 2016

Planned Owner Notification Date : MAR 25, 2016 - APR 29, 2016

* NR - Not Reported