

Part 573 Safety Recall Report**14V-694****Manufacturer Name :** Triumph Motorcycles America, LTD**Submission Date :** NOV 03,2014**NHTSA Recall No. :** 14V-694**Manufacturer Recall No. :** SB519**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 : 417

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2014-2015 Triumph Thunderbird, Thunderbird ABS, Tiger 800, Tiger 800 ABS, Thruxton, Bonneville, Bonneville T100, America, Scrambler, Rocket III Touring, Rocket III Touring ABS, Speedmaster

Vehicle Type : MOTORCYCLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : Recalled vehicles may be identified by the vin (see effected vin range above.

Recalled vehicles will include ECU's bearing part numbers:

T1290140 – Tiger 800

T1290165 – Bonneville & Thruxton

T1290170 – America & Scrambler

T1290650 – Rocket III Touring & Rocket III Roadster

T1299003 – Thunderbird ABS & Thunderbird Storm

Production Dates : FEB 06, 2014 - AUG 07, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs**Description of Defect :**

Description of the Defect : Unintended activation of fuel injector by ECU.

Description of the Safety Risk : The engine will either not start or if already running normally, may loose ignition to one cylinder (caused by excessive fuelling), leading to a loss of engine power, resulting in loss of driving force and momentum.

Description of the Cause : Component failure within the ECU.

Identification of Any Warning that can Occur : The rider may experience a misfire prior to a cylinder loosing all ignition.

Supplier Identification :**Component Manufacturer**

Name : Keihin Europe LTD

Address : Unit D Watt Place

Hamilton International Technology park Hamilton, Glasgow FOREIGN STATES G72 0AH

Country : United Kingdom

Chronology :

August 2014. Warranty data identifies issues in service. Dealer feedback requested. Subject parts requested for examination.

August – September 2014. Review of in service data and returned parts at Triumph an supplier. Rectification options identified, created and released for testing.

September 2014. Review of all data and preliminary testing conclusion. Best option in service rectification options identified. Production of counter measure parts commences.

October 10th 2014. Final review meeting between Triumph and supplier to review testing results. Agreement to conduct in service campaign.

Description of Remedy :

Description of Remedy Program : ECU internal hardware has been modified.

The detection parameters for triggering the fuel injector have been optimised and the ECU hardware has been changed to improve the signal seen in the fuel injector sensor circuit. The optimising of the malfunction detection thresholds has been tested and proven to ensure that the fuel injector is not triggered unnecessarily without compromising the safety if a genuine malfunction were to occurs

How Remedy Component Differs from Recalled Component : Revised ECU for Tiger 800 model carries new part numbers T1299375. Other models do not have revised ECU part numbers.

Identify How/When Recall Condition was Corrected in Production : The production remedy was introduced on 7th August 2014 at Vin 676320. The production remedy is the same as that introduced in service.

Recall Schedule :

Description of Recall Schedule : 30th Oct 2014 – Triumph Motorcycles America Ltd informed of the service campaign.

3rd Nov 2014 – Triumph dealers to be notified of the campaign.

6th Nov 2014 – Triumph customers to be notified of the campaign.

Planned Dealer Notification Date : NOV 03, 2014 - NR

Planned Owner Notification Date : NOV 06, 2014 - NR

* NR - Not Reported