



Safety Recall Action Notice 541

Issue 2 - 02.2017

Subject: Fuel Tank Subharness				
Bulletin Number	Models Affected	VIN Range		Markets Affected
541	Bonneville T100	759204	794799	All Markets except Brazil
541	Bonneville T100 Black	765369	794585	All Markets except Brazil
541	Thruxton 1200	743684	793611	All Markets except Brazil
541	Thruxton 1200R	740405	794605	All Markets except Brazil
541	Thruxton 1200 (Dual Seat)	766764	793286	All Markets except Brazil
541	Thruxton 1200R (Dual Seat)	766510	793366	All Markets except Brazil
541	Street Twin	731919	794789	All Markets except Brazil
541	Bonneville T120	739727	794802	All Markets except Brazil
541	Bonneville T120 Black	741136	794575	All Markets except Brazil
541	Street Cup	780697	794796	All Markets except Brazil
541	Thruxton 1200R	740405	795325	Brazil Only
541	Street Twin	731919	795325	Brazil Only
541	Bonneville T120	739727	795325	Brazil Only
541	Bonneville T120 Black	741136	795325	Brazil Only

Background Information

Internal investigations have identified the need to replace a subharness in the fuel tank to prevent a potential fuel leak.

Customer Contact Instructions

Notice

STOP DELIVERY OF AFFECTED MOTORCYCLES IMMEDIATELY.

DO NOT deliver a motorcycle affected by this Safety Recall Action Notice to a customer until you have completed, or confirmed completion of, the procedures described in this Safety Recall Action Notice.

Delivering a motorcycle subject to an outstanding Safety Recall Action Notice may contravene local or national laws in your market, territory or country.

Triumph subsidiaries and distributors must either, where possible, expand the existing recall campaign relating to Service Bulletin 534 issued in March 2016 or instigate a new Safety Recall Action in their country in accordance with the national recall code of practice. For vehicles in dealer stock, the safety recall MUST be actioned before delivery to the customer.

Dealers are to prioritise repair of customer owned motorcycles before any unsold motorcycles.

Identification of Affected Motorcycles

Street Cup, Street Twin, Bonneville T100, Bonneville T100 Black, Bonneville T120, Bonneville T120 Black, Thruxton 1200, Thruxton 1200 (Dual Seat), Thruxton 1200R and Thruxton 1200R (Dual Seat) models listed in the VIN ranges above.

Note:

- Some affected motorcycles listed in the VIN range will have been modified and repaired by Triumph prior to their release from the factory.
- The modified motorcycles can be identified by checking the 'Outstanding Service Bulletins' on Warranty On-Line.

Warranty Claim Instructions

Bulletin Number	Fault Code	Repair Code	Description	Repair Time Allowance
541	02401291	99541	Replace the subharness	0.35 hours

Genuine Parts Information

Bulletin Number	Part Number	Description	Quantity
541	T2401632	Parts kit	1

Parts Ordering Instructions

For Triumph Subsidiary and Overseas Distributor dealers using Triumph Warranty On-Line with Parts Auto Ordering Flag switched on: Order all repair parts by submitting a New Prior through the Warranty On-Line system. Entering the above repair code in a New Prior will automatically add the parts required and labour times for this Service Bulletin.

For Overseas Distributor dealers NOT using Triumph Warranty On-Line or for Overseas Distributor dealers using Triumph Warranty On-Line with Parts Auto Ordering Flag switched off: Orders should be placed using the normal parts ordering procedure.

Genuine Parts Return

Dealer to retain parts for 90 days. All parts must be stored in a secure, non-public accessed area and correctly identified with a completed warranty label. Thereafter the parts must be rendered unusable prior to scrapping.

Other Instructions

Once completed, please mark the Service Record Book that the requirements of this bulletin have been complied with.

Before returning the motorcycle to the customer, download the latest calibration to the engine control module using the current version of the Triumph diagnostic software.

Procedures

Before completing the procedures, read the following warnings.

Warning

Petrol (gasoline) is highly flammable and can be explosive under certain conditions. When opening the fuel tank cap always observe all the following items:

Turn the motorcycle ignition switch OFF.

Do not smoke.

Always have a fire extinguisher containing FOAM, CO₂, HALON or POWDER close at hand when handling or draining fuel or fuel systems. Fire extinguishers must also be present in areas where fuel is stored.

Always disconnect the vehicle battery, negative (black) lead first, before carrying out, dismantling or draining work on a fuel system.

Whenever petrol (gasoline) is being handled, drained, stored or when fuel systems are being dismantled, make sure the area is well ventilated. All potential forms of ignition must be extinguished or removed (this includes any appliance with a pilot light). Any lead-lamps must be flame-proof and kept clear of any fuel spillage.

Warning notices must be posted at a safe distance from the site of the work to warn others that petrol (gasoline) is being openly handled. The notice must instruct the reader of the precautions which must be taken.

Failure to observe any of the above warnings may lead to a fire hazard which could result in personal injury.

Warning

No one should be permitted to repair components associated with petrol (gasoline) without first having specialist training on the fire hazards which may be created by incorrect installation and repair of items associated with petrol (gasoline). Repairs carried out by untrained personnel could bring about a safety hazard leading to a risk of personal injury.

Warning

Draining or extraction of petrol (gasoline) from a vehicle fuel tank must be carried out in a well ventilated area.

The receptacle used to contain the petrol (gasoline) must be more than adequate for the full amount of fuel to be extracted or drained. The receptacle should be clearly marked with its contents, and placed in a safe storage area which meets the requirements of local authority regulations.

When petrol (gasoline) has been extracted or drained from a fuel tank, the precautions governing naked lights and ignition sources should be maintained.

Failure to observe any of the above warnings could bring about a safety hazard leading to a risk of personal injury.

Replacing the Subharness - Removal

Complete the replacement as described in the procedure detailed below.

Warning

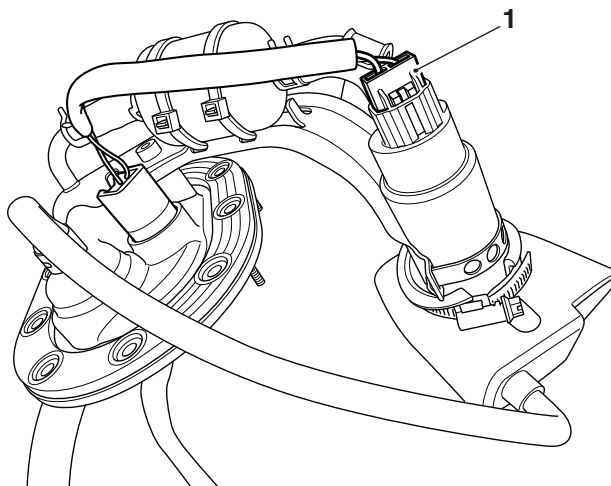
Throughout the following procedure, make sure that the motorcycle is stabilised and adequately supported to prevent the risk of injury from the motorcycle falling.

1. Remove the seat. Refer to the relevant Service Manual.
2. Disconnect the battery, negative (black) lead first. Refer to the relevant Service Manual.

Warning

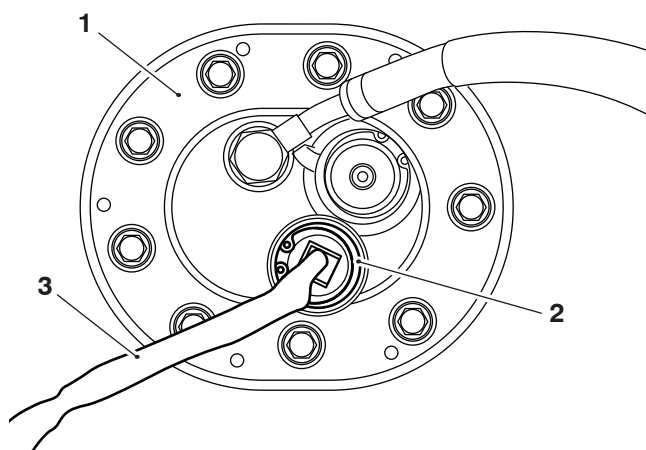
Never drain fuel from the tank using non-approved, non-professional standard fuel handling equipment. A fire causing destruction of property and injury to persons may result from use of non-approved fuel handling equipment.

3. Using propriety professional automotive workshop equipment approved for fuel handling, drain all fuel from the fuel tank.
4. Remove the fuel tank. Refer to the relevant Service Manual. Discard the lock nut from the fuel tank mounting bolt.
5. Remove the fuel pump assembly. Refer to the relevant Service Manual. Discard the fuel pump plate seal.
6. Remove the electrical connector from the fuel pump.



1. **Electrical connector**

7. Remove the circlip from the fuel pump plate.
8. Remove the subharness from the fuel pump plate.



1. Fuel pump mounting plate
2. Circlip
3. Subharness

Replacing the Subharness - Installation

1. Fit the new subharness and connect the electrical connectors. Attach a new circlip as noted for removal.
2. Fit a new fuel pump plate seal and refit the fuel pump assembly to the fuel tank. Refer to the relevant Service Manual.
3. Refit the fuel tank, using a new lock nut. Refer to the relevant Service Manual.
4. Refill the fuel tank with the fuel drained during removal, and check carefully for fuel leaks.
5. Reconnect the battery, positive (red) lead first and tighten the terminals to **4.5 Nm**. Refer to the relevant Service Manual.
6. Refit the seat. Refer to the relevant Service Manual.

Circulation

Initial and date when read and return to central file holder

Service Manager	Parts Manager	Sales Manager	Workshop Supervisor	Technician 1	Technician 2