



Service Bulletin 589 Issue 1 - 05.2021

Subject: Fuel Hose Clip Alignment				
Bulletin Number	Models Affected	VIN Range		Markets Affected
589	Bonneville T100 Bonneville T120 Bonneville T120 Black Bonneville Bobber Bonneville Speedmaster Scrambler 1200 XE Scrambler 1200 XC Scrambler 1200 Steve McQueen Edition Speed Twin Street Scrambler Street Scrambler Sandstorm Street Twin Street Twin Goldline Thruxton RS	From AE5477	To AH3827	All markets
589	Bonneville Bobber Black Street Scrambler	From AE5477	To AH3827	China only

Background Information

Internal investigations have identified the possibility of the fuel hose clip to cause damage to the fuel pump plate on the above models. Dealers are requested to realign the clip on the fuel hose as described in the procedure below.

Customer Contact Instructions

Motorcycles in the affected VIN range must be modified prior to delivery to the customer, or at the next visit to the dealership.

Identification of Affected Motorcycles

Bonneville T100, Bonneville T120, Bonneville T120 Black, Bonneville Bobber, Bonneville Bobber Black, Bonneville Speedmaster, Scrambler 1200 XE, Scrambler 1200 XC, Scrambler 1200 Steve McQueen Edition, Speed Twin, Street Scrambler, Street Scrambler Sandstorm, Street Twin, Street Twin Goldline and Thruxton RS motorcycles in the above VIN range.

Note:

- Some affected motorcycles listed in the VIN range will have been modified and repaired by Triumph prior to their release from the factory.
- Unmodified motorcycles can be identified by checking the 'VIN Enquiry' on www.triumphonline.net.

Warranty Claim Instructions

Bulletin Number	Fault Code	Repair Code	Description	Repair Time Allowance
589	012468989	99589	Fuel Hose Clip Alignment	0.35 Hrs

Genuine Parts Information

Bulletin Number	Part Number	Description	Quantity
589 - All models except Bonneville Speedmaster, Bonneville Bobber and Bonneville Bobber Black	T2402918	Parts Kit, Fuel Hose Clip Alignment Washer, banjo, M12 x 1.5, Qty 2 Lock nut, flanged, M6 x 1.0, Qty 1	1
589 - Bonneville Speedmaster, Bonneville Bobber and Bonneville Bobber Black models only	T3550573	Washer, banjo, M12 x 1.5, Qty 2	2

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 using the current version of the Triumph diagnostic software to the following:

- Engine electronic control module
- Chassis electronic control module (if fitted)
- Keyless electronic control module (if fitted)
- Suspension electronic control module (if fitted)
- Connectivity module (if fitted)
- Instruments (if applicable).

Fuel Hose Clip Alignment

Follow the procedure below in order to realign the fuel hose clip.

Warning

Make sure the motorcycle is stabilised and adequately supported.

Do not support the motorcycle on any ancillary component, the exhaust system or any other non structural parts of the motorcycle frame.

A correctly supported motorcycle will help prevent it from falling.

An unstable motorcycle may fall, causing injury to the operator or damage to the motorcycle.

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 suitable fire extinguisher 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.

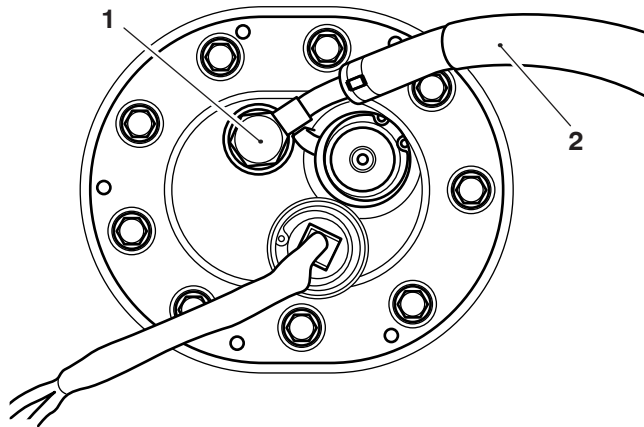
1. Remove the seat as described in the Service Manual.
2. Disconnect the battery, negative (black) lead first.

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 as described in the Service Manual. Discard the lock nut from the fuel tank mounting bolt.
5. Remove the fuel hose union bolt and discard the two sealing washers.



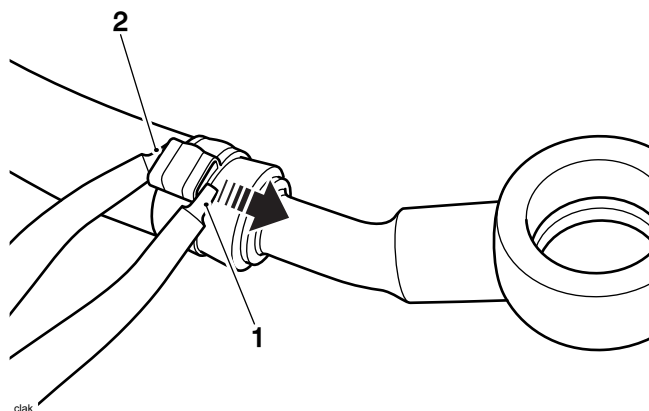
1. Union bolt
2. Fuel hose

Caution

Take care not to damage the fuel hose clip.

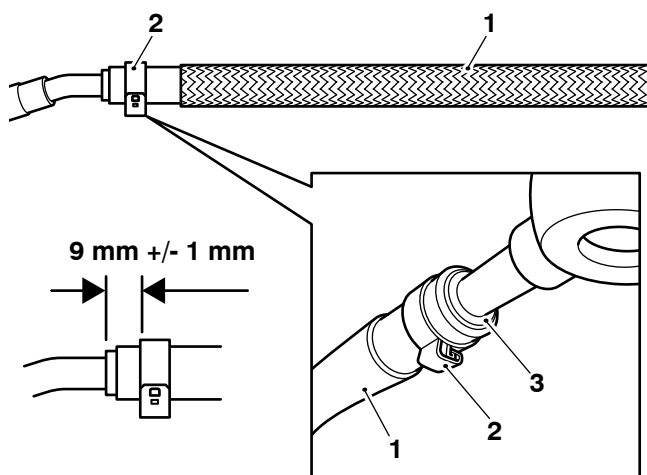
If the fuel hose clip is damaged, a replacement fuel hose is necessary.

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6. Using suitable pliers, release the clip from the hose. Anchor one side of the pliers at the front of the clip (1) and use the other side of the pliers to push the outer edge of the clip (2) forwards to release.



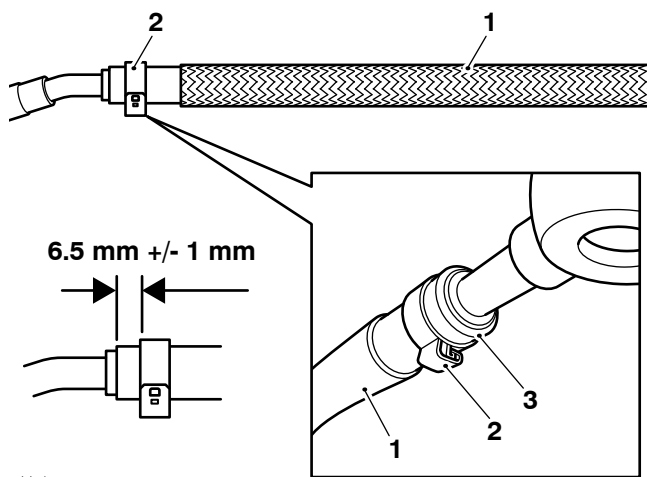
- 1. Front edge of clip**
2. Rear edge of clip

7. Align the clip to its correct position. The clamp section of the clip should be rotated 180° so it faces away from the fuel pump plate when the hose is fitted. For all markets except China, the clip edge should be 9 mm +/- 1 mm from the fuel hose flange. For models sold in China, the clip edge should be 6.5 mm +/- 1 mm from the end of the fuel hose rubber protective sleeve.



All markets except China

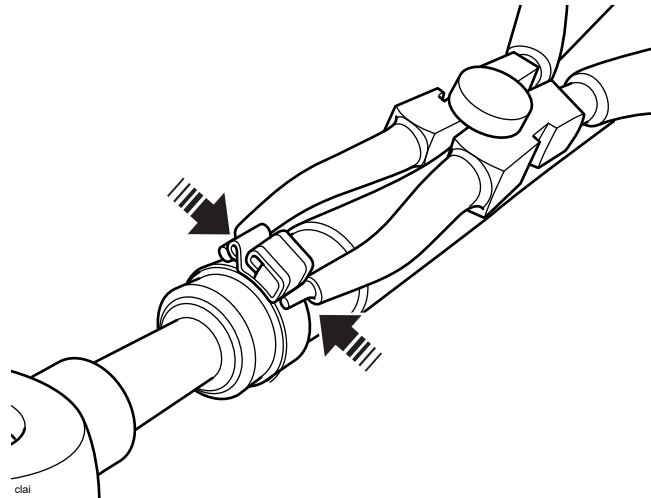
1. Fuel hose
2. Fuel hose clip
3. Fuel hose flange



China market only

1. Fuel hose
2. Fuel hose clip
3. Fuel hose protective sleeve

8. Using suitable pliers, push the clip together to lock in to place. Push down on the clip from above and make sure the clip is seated correctly.



Installation of the retaining clip

9. Visually inspect the clip and fuel hose for damage. If any damage is present, the fuel hose must be replaced.
10. Refit the fuel hose with two new sealing washers from the parts kits and tighten the union bolt to **25 Nm**.
11. Check that clearance exists between the fuel hose clip and the fuel pump plate.
12. Refit the fuel tank as described in the Service Manual.
13. Reconnect the battery, positive (red) lead first and tighten the terminals to **4.5 Nm**.
14. Refit the seat as described in the 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