



Service Bulletin SB631

Issue 1 - 03.2025

Subject: Re-route Ignition Switch Harness

Bulletin Number	Models Affected	VIN Range	Markets Affected
631	Speed Twin 900	From CC4121 to CG4412	All Markets

Background Information

Dealers are requested to reroute the right hand switch housing and throttle position sensor harnesses as described in the procedure below.

Customer Contact Instructions

Motorcycles in the affected VIN range must have this Service Bulletin completed prior to delivery to the customer.

Identification of Affected Motorcycles

Speed Twin 900 motorcycles in the above VIN range.

NOTICE

Some affected motorcycles listed in the VIN range will have been reworked 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 Allowance	Time
631	012910931	99631	Reroute Ignition Switch Harness	0.16 Hrs	

Genuine Parts Information

Bulletin Number	Part Number	Description	Quantity
631	T2505439	Spares kit, consisting of Screw - Qty 1 Lock nut - Qty 1	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 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).

Headstock Routing Check

WARNING

Make sure that 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.

Failure to follow the advice above could result in serious injury or death.

1. Remove the seat, refer to the Service Manual.
2. Disconnect the battery terminals, refer to the Service Manual.

WARNING

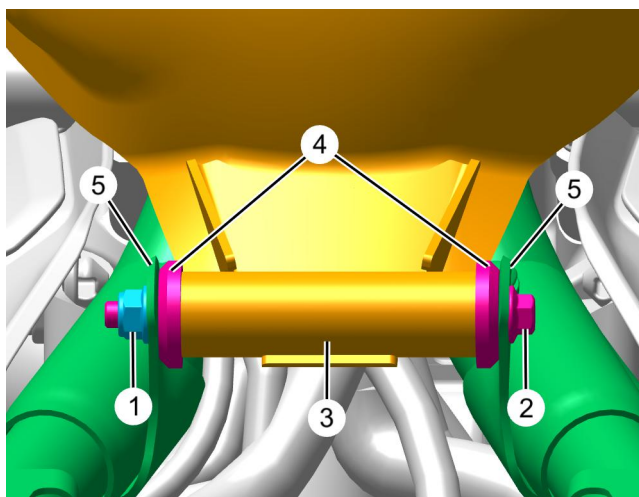
Observe the warning advice given in the General Information section of the Service Manual regarding the safe handling of fuel and fuel containers.

A fire, causing personal injury and damage to property could result from spilled fuel or fuel not handled or stored correctly.

NOTICE

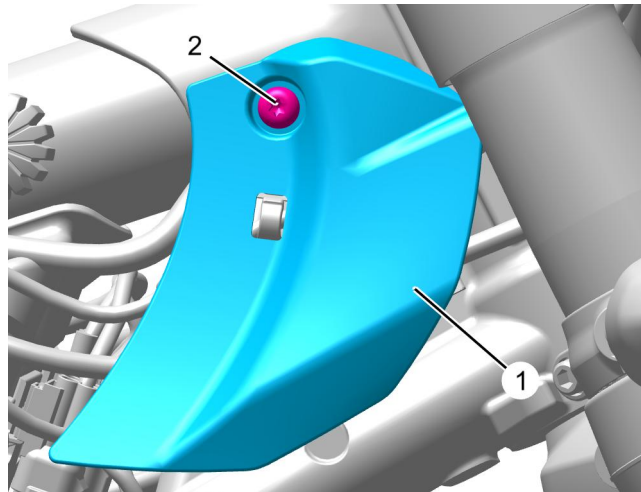
During repositioning of the fuel tank, carefully note the routing and positions of the fuel hose, the electrical connections, overflow pipe and the breather hose for installation.

3. Remove and discard the fuel tank lock nut.
4. Support the fuel tank and remove the fixing securing the rear of the fuel tank to the frame.
5. Position the fuel tank rearwards to gain access to the right hand headstock and cover fixing.



1. Lock nut
2. Fixing
3. Fuel tank assembly
4. Mounting rubbers
5. Frame

6. Remove the fixing and collect the right hand headstock cover. Discard the fixing.



1. Headstock cover

2. Fixing

7. Visually inspect for the correct routing of the ignition barrel, throttle grip position sensor, right hand switch housing harnesses and brake hose.

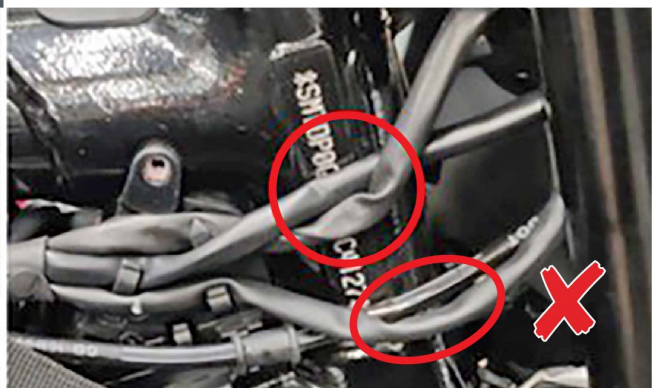
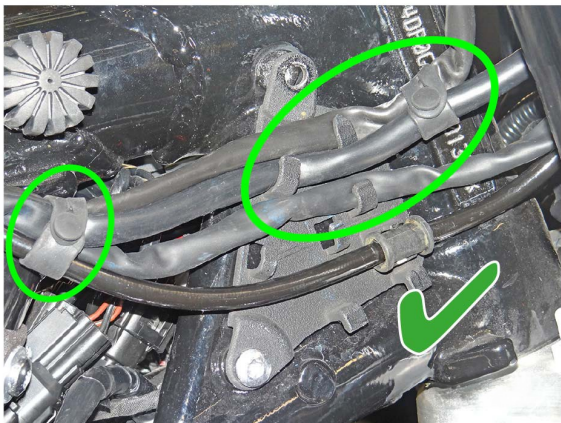
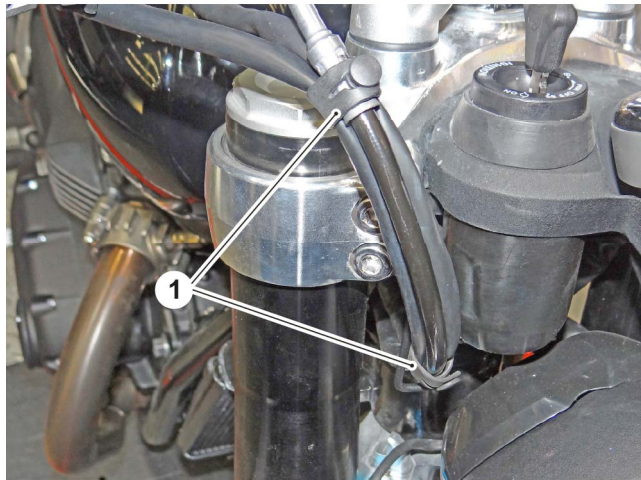


Figure 1

- ✗ If the harnesses are routed incorrectly, as shown in **Figure 1**, go to Harness Routing Adjust, step 1.
- ✓ If the harnesses are routed correctly, as shown in **Figure 1**, go to Harness Routing Adjust, step 4.

Harness Routing Adjust

1. Remove the rubber bands securing the twist grip and right hand switch housing to the master cylinder brake hose.

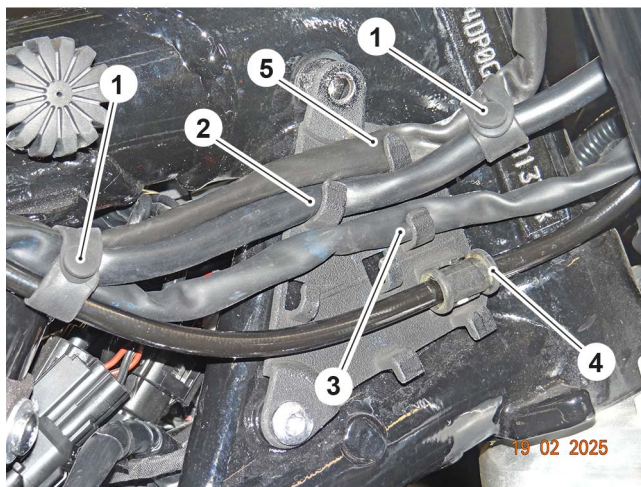


1. Rubber bands

NOTICE

It is not necessary to disconnect the electrical connectors during the following routing procedure.

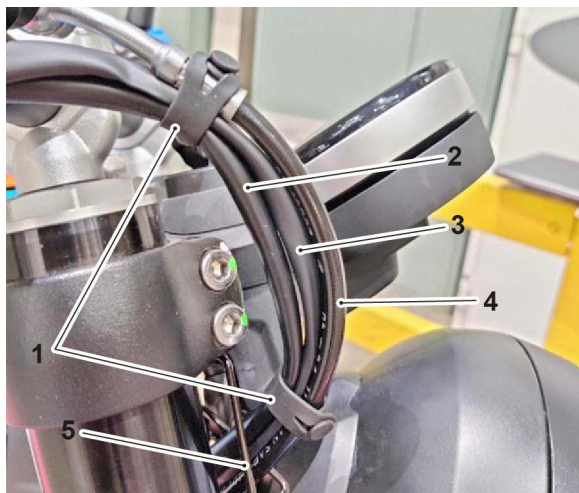
2. Position each harness as displayed in the image below.
3. Secure the twist grip harness and ignition switch harness together with the rubber band in the position shown below.



1. Rubber band
2. Twist grip harness
3. Right hand switch housing harness
4. Front brake hose, master cylinder
5. Ignition switch harness

4. Position the brake hose (4), right hand switch housing harness (3) and twist grip harness (2) in the orientation shown below.

5. Secure both harnesses to the brake hose with the two rubber bands in the positions shown (1).



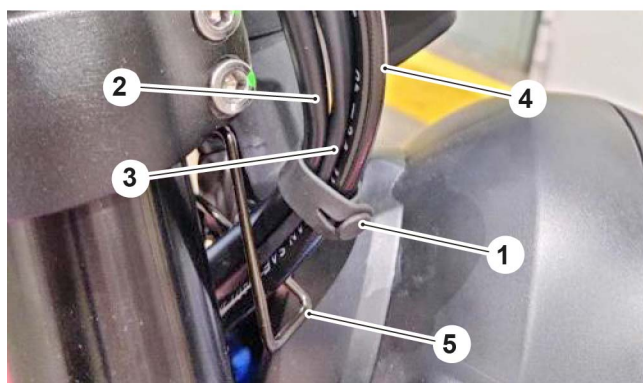
- 1. Rubber bands
- 2. Twist grip harness
- 3. Right hand switch housing harness
- 4. Front brake hose, master cylinder
- 5. Wire guide

NOTICE

Make sure the right hand switch housing harness and twist grip harness are positioned away from the wire guide.

Make sure the right hand switch housing harness and twist grip harness do not get trapped between the brake hose and the wire guard when turning lock to lock.

6. Visually check to make sure the brake hose is positioned forwards of the right hand switch housing harness and twist grip harness, and are secured behind it with the rubber strap.



- 1. Rubber band
- 2. Twist grip harness
- 3. Right hand switch housing harness
- 4. Front brake hose, master cylinder
- 5. Wire guide

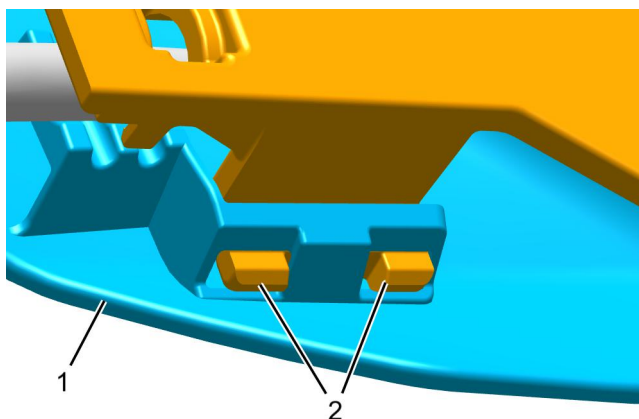
WARNING

Always check that the brake hose, clutch cable and electrical harnesses do not bind, stretch or restrict the steering when the handlebars are turned from lock-to-lock.

A cable or harness that binds, or steering that is tight/difficult to turn will restrict the steering.

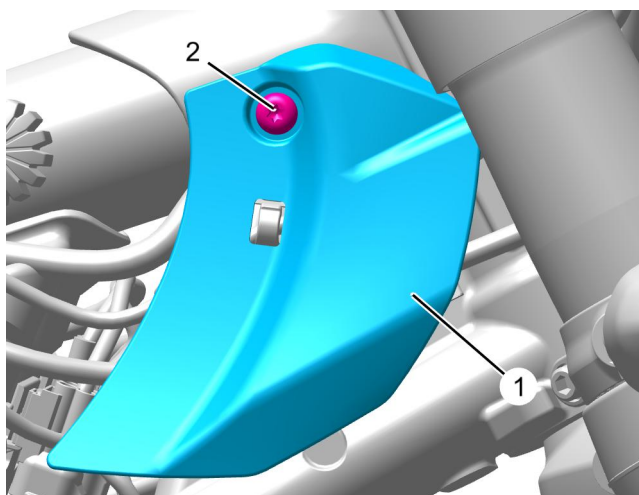
Failure to follow the advice above could result in serious injury or death.

7. Move the handlebars to the left and right full lock while checking that brake hoses and harnesses do not bind or that the steering feels tight or difficult to turn.
8. Position the headstock cover to the harness guide locating pegs.



1. **Headstock cover**
2. **Harness guide locating pegs**

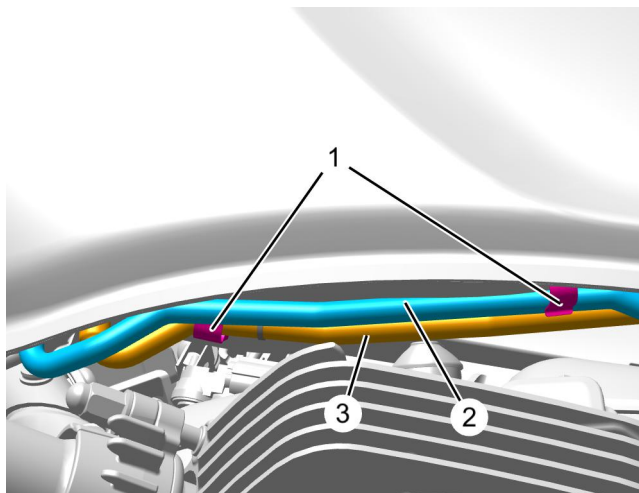
9. Install the headstock cover and tighten the new fixing to 3 Nm.



1. **Headstock cover**
2. **Fixing**

10. Make sure the fuel tank's front and rear mounting rubbers are correctly fitted.
11. Manoeuvre the fuel tank into position, engaging it with the front mounting rubbers.
12. If required position the breather hose and drain hose into the retaining clips as show in the image below.

13. Check and if necessary connect the breather hose and the drain hose to the fuel tank.



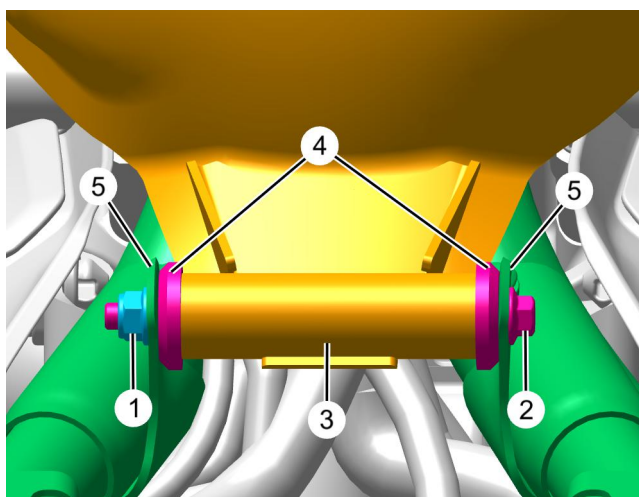
- 1. Retaining clips
- 2. Drain hose
- 3. Breather hose

WARNING

Make sure that the fuel hose is correctly routed. If the fuel hose is incorrectly routed, it can become kinked and reduce the fuel flow. This can cause the engine to misfire or stop.

An engine that misfires or stops may lead to a dangerous riding condition, leading to loss of motorcycle control which could result in serious injury or death.

14. Lower the fuel tank into position, make sure the breather pipe is not trapped, kinked or twisted.
15. Install the fixing and a new lock nut.
16. Hold the fixing and tighten the new lock nut to 8 Nm.



- 1. Lock nut
- 2. Fixing
- 3. Fuel tank assembly
- 4. Mounting rubbers
- 5. Frame

17. Connect the battery terminals, refer to the Service Manual.
18. Fit the seat, refer to the Service Manual.
19. Submit a warranty claim for **Reroute Ignition Switch Harness** using repair code 99631.