



Service Bulletin SB629

Issue 1 - 01.2025

Subject: Front Brake Hose Alignment			
Bulletin Number	Models Affected	VIN Range	Markets Affected
629	Tiger Sport 800	From CE7729 to CG6198	Canada, North America, Japan Markets Only

Background Information

Dealers are requested to check and, if necessary, reroute the front brake master cylinder hose and front brake caliper hose at the ABS modulator 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

Tiger Sport 800 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
629	020295929	996291	Check ABS Hose Routing	0.10 Hrs	
629	020295929	996292	Adjust ABS Hose Routing	0.40 Hrs	

Genuine Parts Information

Bulletin Number	Part Number	Description	Quantity
629	T3550229	Washer, 15.2 x 10 x 1, Plated	4, required for repair code 996292 only

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).

Front Brake Hose Alignment Check

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.

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

1. Remove the seat, refer to the Service Manual.

NOTICE

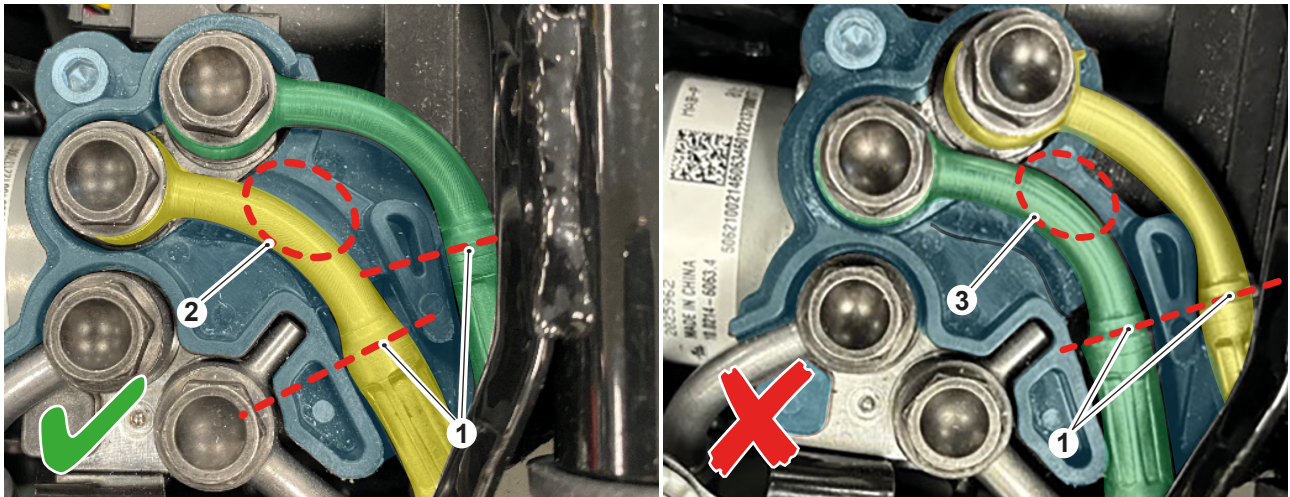
The brake hoses are coloured in the images for visual purposes only.

Green - front brake caliper to ABS modulator hose.

Yellow - front brake master cylinder to ABS modulator hose.

If in doubt contact Triumph Service for clarification.

1. Visually inspect the brake hoses for correct fitment to the ABS modulator.



• **Figure 1**

1. **Brake hose swaged joints**
2. **Visible gap between front brake master cylinder to ABS modulator hose and locating feature**
3. **No visible gap between front brake caliper to ABS modulator hose**

Correct or incorrect fitment of the front brake hoses can be confirmed by comparing brake hose alignment images above.



Correct front brake hose fitment:

- Both swaged brake hose joints (1) are visibly misaligned.
- An air gap is visibly present between the front brake caliper to ABS modulator hose (2) and the locating feature.

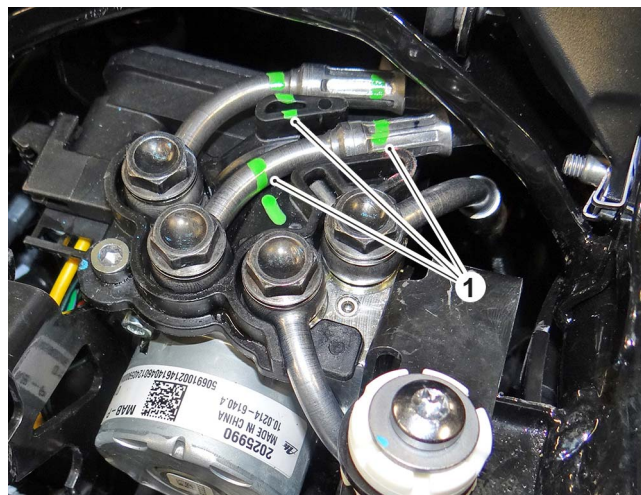


Incorrect front brake hose fitment:

- Both swaged brake hose joints (1) appear approximately aligned.
- No air gap is visibly present between the front brake master cylinder to ABS modulator hose (3) and the locating feature.

Correct Brake Hose Alignment

1. If the two front brake hoses are correct to the visual inspection, as shown in **Figure 1**, mark the front brake hoses as described below. Adjustment of the ABS hose routing is not required.
2. Using a paint pen, apply three alignment marks to the front caliper hoses and the corresponding area of the locating feature as shown below.



1. **Paint pen marks**

3. Fit the seat, refer to the Service Manual.
4. Submit a warranty claim for **Check ABS Hose Routing** using repair code 996291.

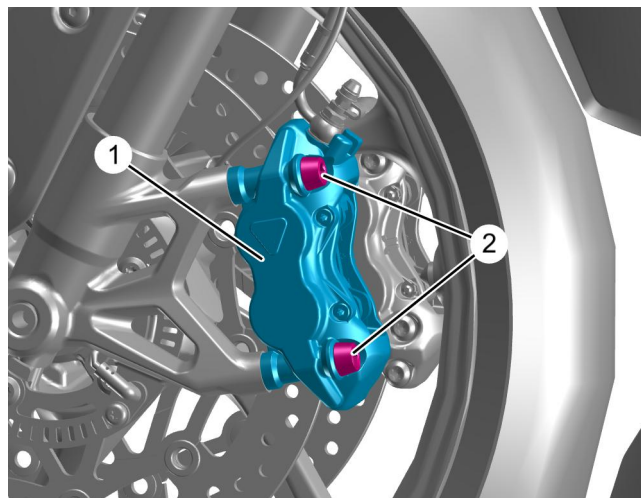
Adjust ABS Hose Routing Only

- If the front brake master cylinder to ABS modulator hose and front brake caliper to ABS modulator hose are incorrect and transposed, as shown in **Figure 1** continue with Adjust ABS routing.

NOTICE

To prevent paint damage, do not spill brake fluid onto any area of the bodywork.
Spilled brake fluid will damage paintwork.

1. Disconnect the battery terminals, refer to the Service Manual.
2. Remove the fixings from one of the front calipers and slide the brake caliper off the brake disc.

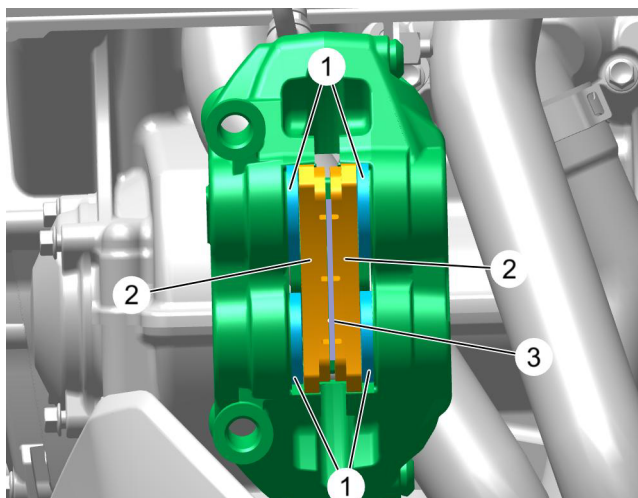


1. **Brake caliper**
2. **Brake caliper fixings**

NOTICE

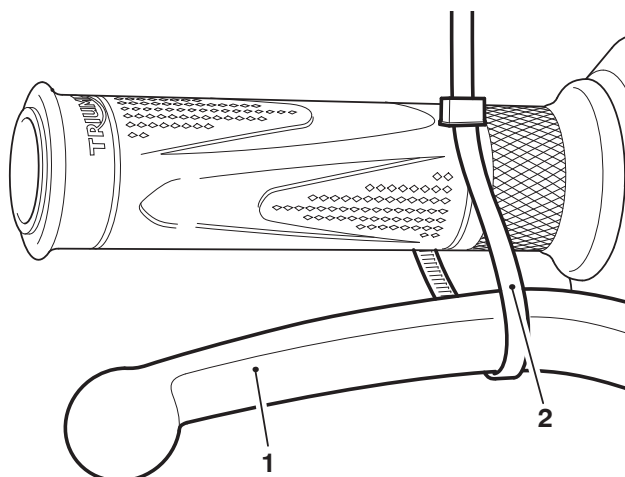
Do not operate the brake lever with the brake caliper removed unless a brake pad spacer is positioned between the brake pads.

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3. Using a 2 millimetre disc brake pad spacer between the brake pads, operate the front brake lever slowly until the brake pad spacer pad is held by the brake pads.



- 1. Caliper pistons
- 2. Brake pads
- 3. 2 millimetre disc brake pad spacer

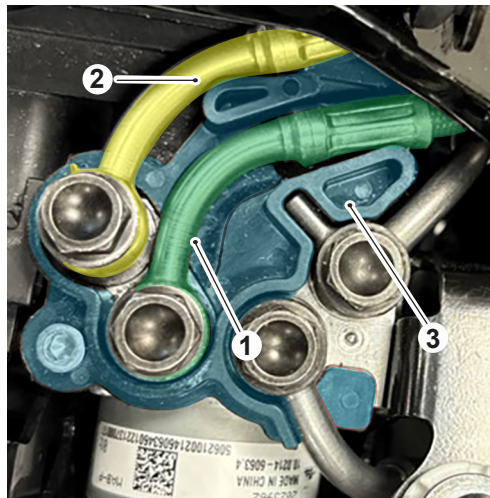
4. Pull the front brake lever towards the handlebar until a small amount of pressure is felt. Cable tie the brake lever to this position.



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- 1. Brake lever
- 2. Cable tie

1. Remove the front brake master cylinder hose union and front brake caliper hose union from the ABS modulator, collecting any brake fluid. Discard the sealing washers.

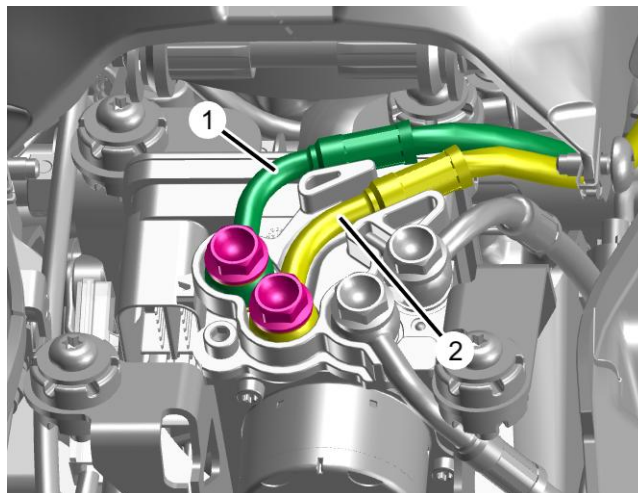


1. Front brake master cylinder to ABS modulator

2. Front brake caliper to ABS modulator

3. Locating feature

2. Install a new sealing washer to each side of the unions and connect the brake hoses to the ABS modulator in the orientation shown.
3. Tighten the front brake caliper (1) and front brake master cylinder (2) brake hose unions to 25 Nm.

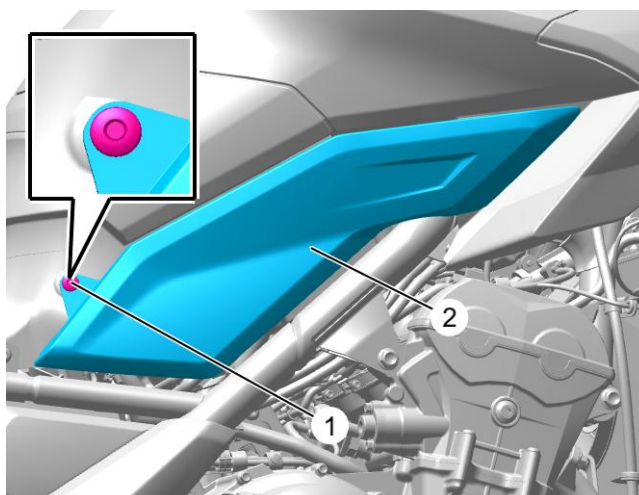


1. Front brake caliper to ABS modulator

2. Front brake master cylinder to ABS modulator

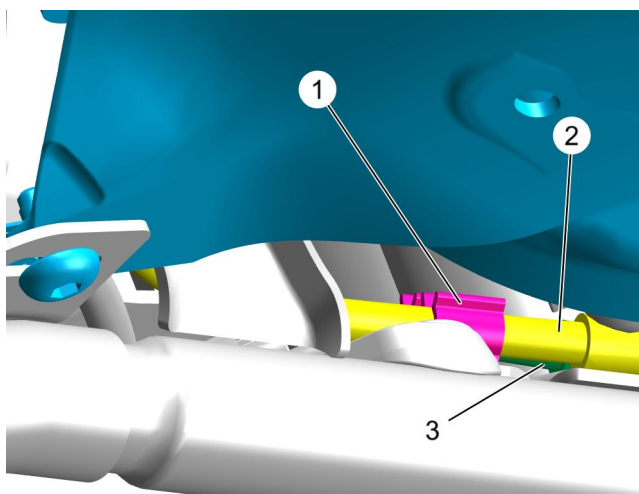
4. Remove the plastic push rivet from the left fuel tank side panel.

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5. Pull the right hand fuel tank side panel away from the fuel tank to release the two retaining clips and two spigots from the rubber grommets. Note the position of the locking clips for installation.



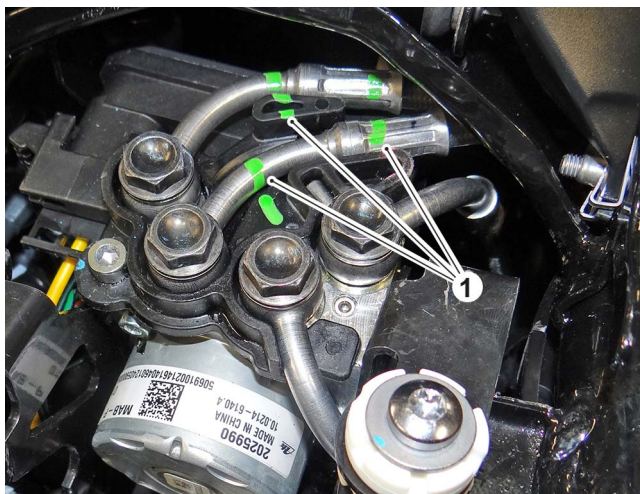
1. **Plastic push rivet**
2. **Fuel tank side panel**

6. Check and if necessary clip the hoses into the clip.



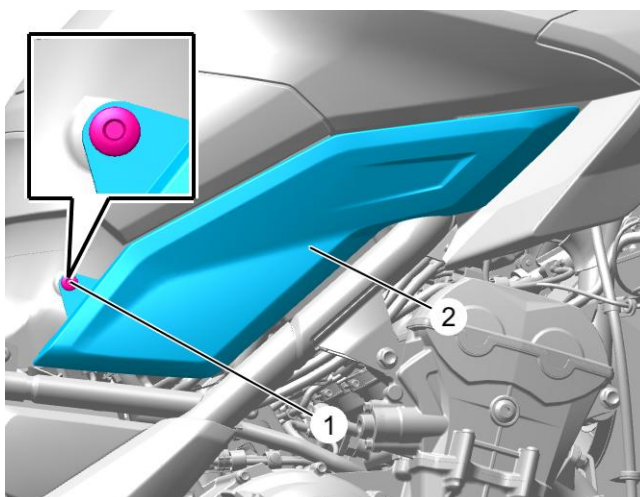
1. **Clip**
2. **Front brake caliper to ABS modulator**
3. **Front brake master cylinder to ABS modulator**

7. Using a paint pen or suitable permanent marker, apply three alignment marks to the front caliper hoses and the corresponding area of the locating feature as shown below.



1. Paint pen marks

8. Align the fuel tank side panel spigots and locking clips to the fuel tank. Push firmly to engage the panel into the fuel tank.
9. Fit the plastic push rivet.



- 1. Plastic push rivet**
- 2. Fuel tank side panel**

10. Fit the front brake caliper, refer to the Service Manual

! WARNING

Use only DOT 4 specification brake fluid as listed in the General Information section of this manual. The use of brake fluids other than those DOT 4 fluids listed in the General Information section may reduce the efficiency of the braking system. Failure to follow the advice above may lead to loss of motorcycle control which could result in serious injury or death. Observe the brake fluid handling warnings given earlier in this section of the manual.

11. Back bleed the front brake master cylinder, refer to the Service Manual.
12. Bleed the front brakes, refer to the Service Manual.
13. Check the front brake caliper unions for any brake fluid leaks. Rectify if necessary.
14. Connect the battery terminals, refer to the Service Manual.
15. Fit the seat, refer to the Service Manual.



WARNING

When riding the motorcycle the rider must always wear a safety helmet, eye protection, gloves, boots, trousers (close fitting around the knee and ankle) and a brightly coloured jacket.

Brightly coloured clothing will considerably increase a rider's visibility to other operators of road vehicles.

Although full protection is not possible, wearing correct protective clothing can reduce the risk of serious injury or death when riding.

16. Carry out a road test. When applying the brakes observe the following:
 - The brakes should have a firm, responsive feel.
 - The brakes should act smoothly and silently without judder.
 - Upon activation of the brakes, the motorcycle should come to rest without deviating from a straight line.
17. If required, rectify any faults discovered after the brake test.
18. Submit a warranty claim for **Adjust ABS Hose Routing** using repair code 992692.