



Safety Recall Action Notice SB611 Issue 1 - 11.2023

Subject: Rear Brake Master Cylinder and Caliper Spacer			
Bulletin Number	Models Affected	VIN Range	Markets Affected
611	Rocket 3 GT Triple Black	From VIN 971477 To VIN BR6550	All Markets
	Rocket 3 R Black		
	Rocket 3 GT		
	Rocket 3 R		
	Rocket 3 TFC		

Background Information

Dealers are requested to remove and install a new rear brake master cylinder and rear spacer as described in the procedure below.

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 instigate a 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

Rocket 3 motorcycles as described in the table above.

NOTICE

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 Allowance	Time
611	020270911	99611	Replace the rear brake master cylinder and caliper spacer	0.5 Hrs	

Genuine Parts Information

Bulletin Number	Part Number	Description	Quantity
611	T2025112	Rear Brake Master Cylinder Kit Consisting of: Rear Brake Master Cylinder - Qty 1 Rear Brake Caliper Spacer - Qty 1 Sealing Washers - Qty 5	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 Safety Recall Action Notice.

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 Safety Recall Action Notice have been complied with.

Before returning the motorcycle to the customer, download the latest calibration to the engine electronic control module, chassis electronic control module (if fitted), keyless electronic control module (if fitted) and instruments (if applicable) using the current version of the Triumph diagnostic software.

Rear Brake Master Cylinder and Caliper Spacer - Renew

! 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 resulting in motorcycle damage, serious injury or death.

NOTICE

To prevent paint damage, do not spill brake fluid onto any area of the bodywork.
Close the brake reservoir and wash any spilled brake fluid immediately with warm soapy water.
Spilled brake fluid, if left, will damage painted and plastic surfaces.

Perform the following operations:

Remove the following components as described in the Service Manual;

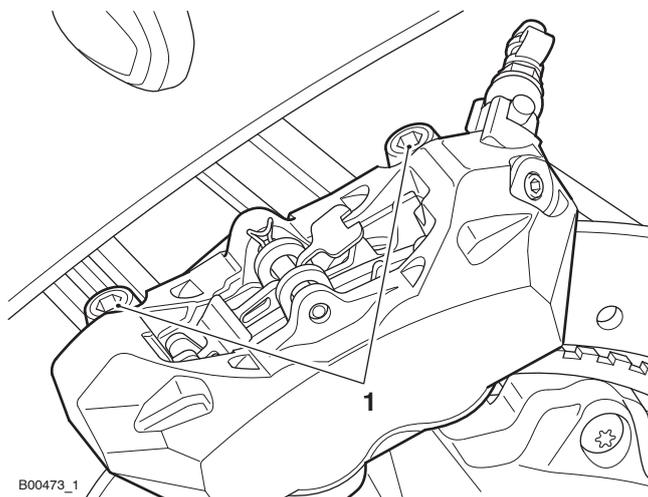
- Rear Wheel

Rear Brake Caliper

! WARNING

Do not allow a brake component to hang unsupported on the brake hose or line.
Brake hoses or lines that are not supported may become damaged or bent.
Bent or damaged brake hoses or lines lead to reduced braking efficiency that may lead to loss of motorcycle control which could result in serious injury or death.

1. Remove the caliper mounting bolts and slide the caliper off the brake disc.



1. **Caliper mounting bolts**

! WARNING

Make sure no damage is made to the brake pad material when moving the brake pads.
Allowing the brake pads to come into contact with each other or sharp objects may cause the material to crack or break.
Damage to the brake pads may result in reduced braking efficiency leading to loss of motorcycle control and an accident.

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2. Support the rear brake caliper such that the weight of the caliper is off the brake hose.
 3. Using a suitable flat metal plate approximately 2 mm thick and 30 to 50 mm wide (for example a gasket scraper) between the brake pads, pump the rear brake pedal until the plate is held by the brake pads.

NOTICE

The brake caliper is to remain detached from its mounting until the new rear brake master cylinder is fitted and the rear brake master cylinder back bleed procedure is completed.

Rear Brake Master Cylinder

NOTICE

The master cylinder back bleed is to be used when a brake master cylinder or ABS modulator has been removed from the braking system and then refitted or replaced.

1. Remove the rear brake master cylinder as described in the Service Manual. Retain the rear brake master cylinder as described in the Genuine Parts Return instructions.
2. Fit the new rear brake master cylinder as described in the Service Manual. Do not bleed the rear brake system at this stage.
3. Remove the rear brake reservoir cap as described in the Service Manual/Braking System Maintenance and Safety/Bleeding the Rear Brake.
4. Being careful not to damage the brake pad material, use the metal plate against the brake pads to push the caliper pistons in evenly.
5. Push the pistons into the caliper.
6. Top up the brake fluid in the reservoir to the MAX level.
7. Thoroughly clean the threaded fixing holes for the brake caliper fixings.
8. Thoroughly clean the threaded part of the fixings and smear the first four threads with a proprietary copper based grease.
9. Position the caliper over the disc.
10. Secure the brake caliper with the fixings and tighten sufficiently to bring the caliper into contact with its mounting points, while allowing a small amount of lateral movement. Do not fully tighten at this stage.

Rear Brake Caliper Spacer

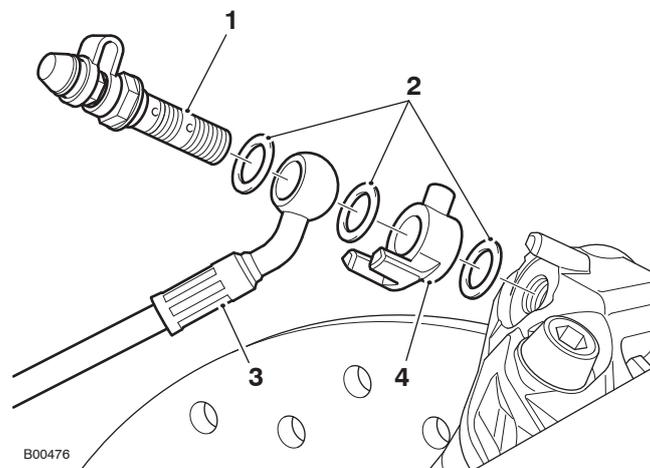
NOTICE

To prevent paint damage, do not spill brake fluid onto any area of the bodywork. Close the brake reservoir and wash any spilled brake fluid immediately with warm soapy water. Spilled brake fluid, if left, will damage painted and plastic surfaces.

NOTICE

Note the bleed screw is fitted to the rear brake hose union.
Note the orientation of the rear brake hose at the caliper for installation.

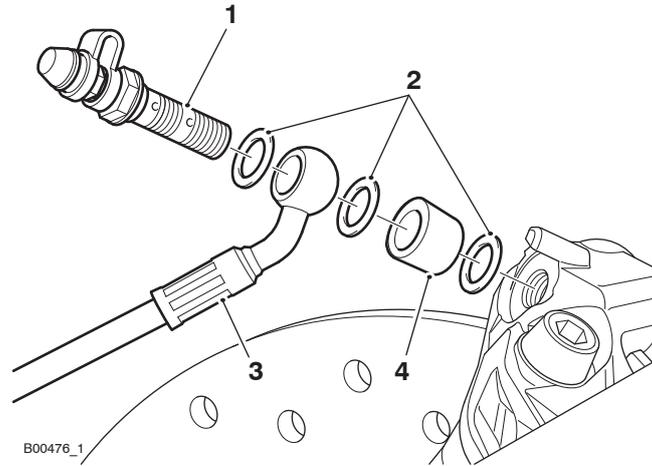
1. Disconnect the brake hose at the caliper and place the free end of the hose in a suitable container to collect the brake fluid.
2. Collect the anti-rotation spacer and discard the three sealing washers.



1. **Brake hose union**
2. **Sealing washers**
3. **Brake hose**
4. **Anti-rotation spacer**

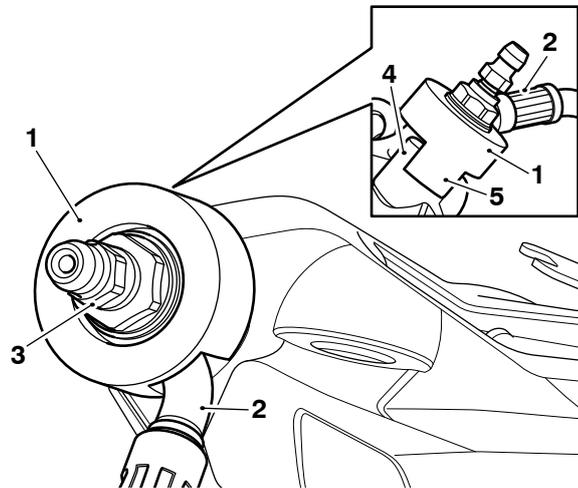
3. Retain the anti-rotation spacer as described in the Genuine Parts Return instructions.

4. With the new spacer and the rear brake hose positioned as noted during removal, connect the brake hose to the caliper incorporating new sealing washers on each side of the hose connection and the spacer, do not fully tighten at this stage.



1. Brake hose union
2. New sealing washers
3. Brake hose
4. New spacer

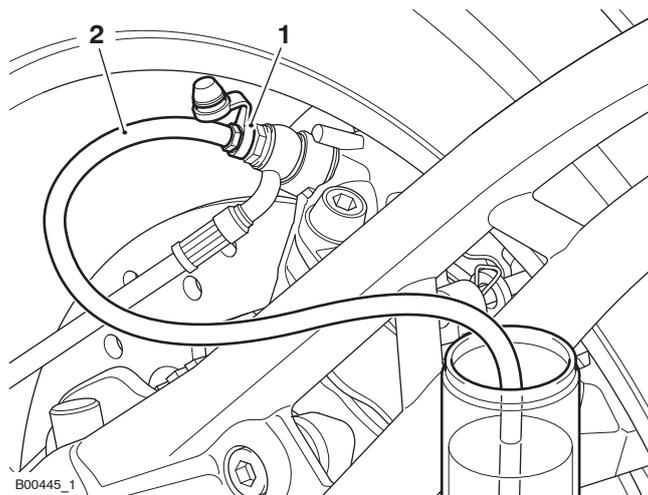
5. If fitted, remove the rubber cap from the caliper bleed screw.
6. Make sure the orientation of the brake hose is as noted during removal.
7. Use service tool T3880885 to position the rear brake line. Make sure that:
 - the slot in the service tool fits over the rear brake hose.
 - the lug on the service tool is positioned against the lug on the caliper.



1. T3880885 - Brake Line Fixture
2. Brake hose
3. Brake hose union
4. Lug on the caliper
5. Lug on the service tool

8. Tighten the brake hose union to 25 Nm.
9. Remove service tool T3880885.
10. Attach a transparent tube to the bleed screw.

11. Place the other end of the tube in a suitable container containing new brake fluid.



1. Bleed screw
2. Bleed tube

Note:

- The bleed screw should only be opened by a small angle, just enough to allow system pressure to drop. When pressing the brake lever or pushing the caliper pistons in, some resistance should be felt indicating that the screw is not opened too much.
 - When bleeding the rear caliper, make sure the bleed nipple is uppermost.
12. With the aid of an assistant, bleed the rear brake caliper as described in the Service Manual/Brakes/Braking System Maintenance and Safety/Rear Brake Caliper Bleed procedure.
 13. With the bleed screw closed, pump the brake pedal to correctly position the caliper pistons.
 14. Tighten the rear caliper bolts to 45 Nm.

Road Test

⚠ 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.

1. 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.
2. If required, rectify any faults discovered after the brake test.