



Accessory Fitting Instructions

Thank you for choosing this Triumph genuine accessory kit. This accessory kit is the product of Triumph's use of proven engineering, exhaustive testing, and continuous striving for superior reliability, safety and performance.

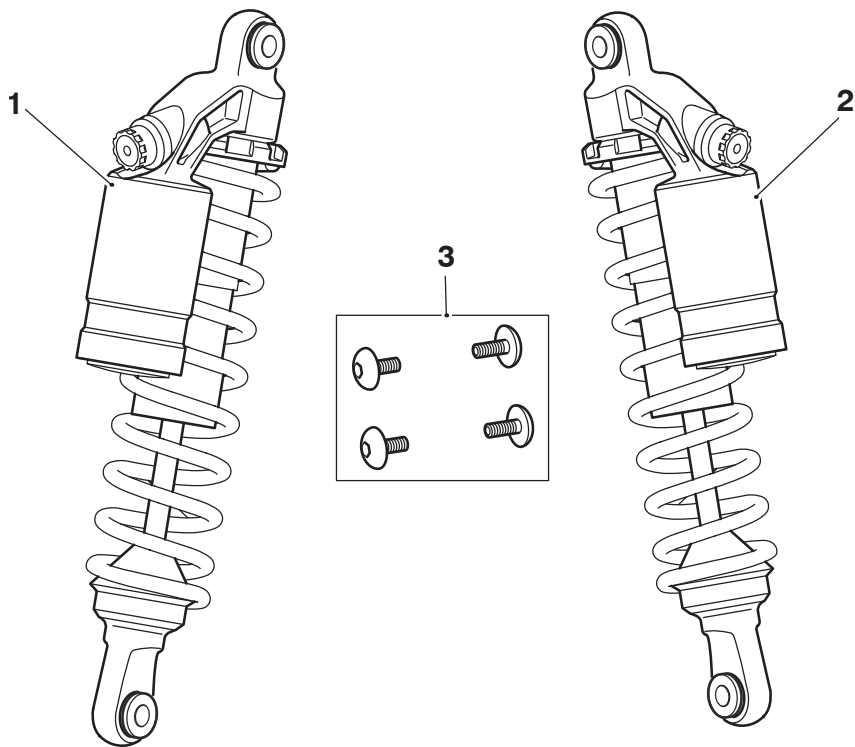
Completely read all of these instructions before commencing the installation of the accessory kit in order to become thoroughly familiar with the kit's features and the installation process.

These instructions should be considered a permanent part of your accessory kit, and should remain with it even if your accessory equipped motorcycle is subsequently sold.

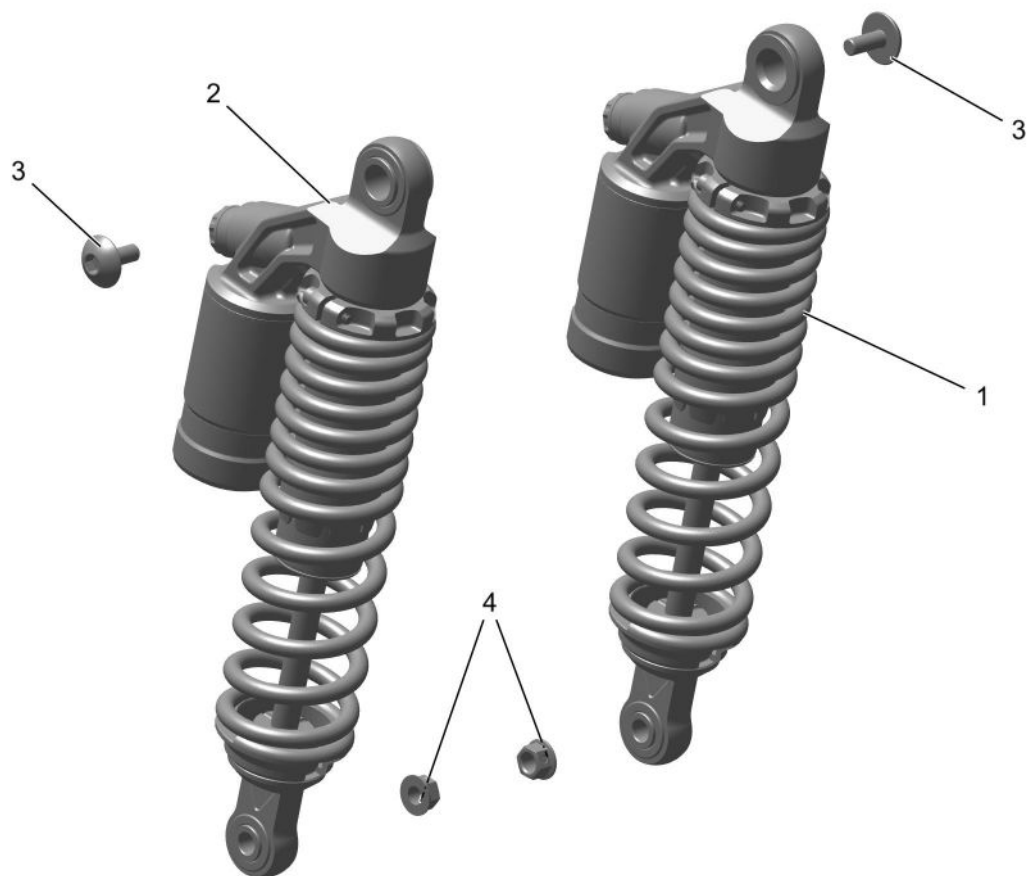
Fox RSU	
Pair - Short	
Kit Number	Models
A9640207	Street Twin, Speed Twin 900 up to VIN CB9309
A9648085	Speed Twin 900 from VIN CC4121
Pair - Long	
A9640208	Street Cup, Street Scrambler, Scrambler 900, Bonneville T100, Bonneville T100 Black from VIN 759204, Bonneville T120, Bonneville T120 Black

Parts supplied

A9640207, A9640208



1. Rear suspension unit, left hand	1 off	3. Fastener, M8 x 0.79 in (20 mm)	4 off
2. Rear suspension unit, right hand	1 off		



1. Rear suspension unit, left hand	1 off	3. Fastener, M8 x 0.79 in (20 mm)	2 off
2. Rear suspension unit, right hand	1 off	4. Lock nut, M10	2 off

⚠ WARNING

Fit only genuine Triumph accessories to those models approved by Triumph as listed in the associated Triumph fitting instructions.

The accessory kits covered in this instruction are designed for use on specific models of Triumph motorcycle. The accessory kits and the models applicable are listed at the start of the instruction. They should never be fitted to any other Triumph model or to any other manufacturer's motorcycle.

Fitting an accessory kit to a Triumph model not listed, or to any other manufacturer's motorcycle, will affect the performance, stability and handling of the motorcycle.

Failure to follow the advice above may lead to loss of motorcycle control which could result in serious injury or death.

⚠ WARNING

Always have Triumph approved parts, accessories and conversions fitted by a competent person with the specialist knowledge and technical understanding of motorcycles, such as an authorized Triumph dealer.

The fitment of parts, accessories and conversions by a person without the specialist knowledge and technical understanding of motorcycles may affect the handling, stability or other aspects of the motorcycle's operation.

Failure to follow the advice above may lead to loss of motorcycle control which could result in serious injury or death.

⚠ WARNING

A torque wrench of known accurate calibration must be used when fitting this accessory kit.

Failure to tighten any of the fasteners to the correct torque specification may affect motorcycle performance, handling and stability.

Failure to follow the advice above may lead to loss of motorcycle control which could result in serious injury or death.

⚠ WARNING

Make sure the motorcycle is stabilized 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

Triumph offers a broad range of approved genuine accessories for your motorcycle.

We cannot therefore cover all possible equipment variations in these instructions. For removal and installation of Triumph Genuine Accessories, always refer to the instructions supplied with the respective accessory kit.

To obtain additional copies of any Triumph accessory instructions, visit www.triumphinstructions.com or contact your authorized Triumph dealer.

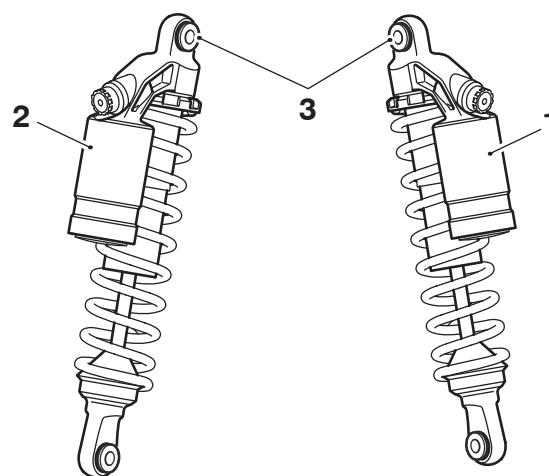
Installation of Rear Suspension Unit

NOTICE

When installing the accessory rear suspension units the oil reservoir and damping adjuster must be positioned towards the rear of the motorcycle.

NOTICE

The right side and left side suspension units are identified by the orientation of the flanged sleeves as shown below.

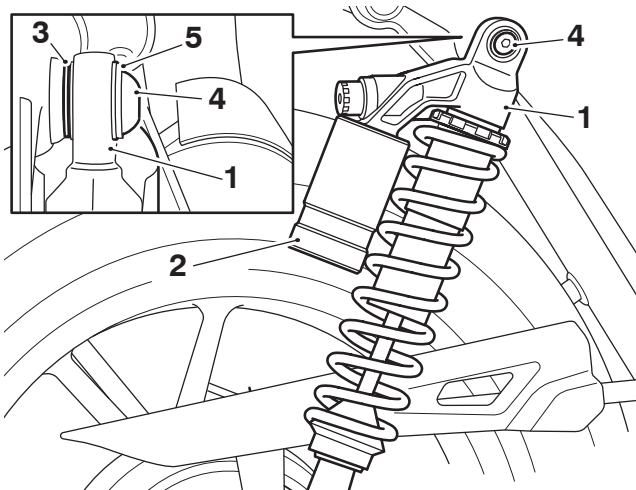


1. Suspension unit, right side
2. Suspension unit, left side
3. Flanged sleeve

All models except Speed Twin 900 from VIN CC4121

1. Remove the right side rear suspension unit, as described in the Service Manual. Retain the suspension unit for use should the motorcycle is to be returned to its original condition.
2. Retain the original suspension unit washer for reuse, discard the fasteners.
3. Collect the right side suspension unit from the kit.

4. Align the rear suspension unit making sure the head of the flanged sleeve is positioned against the motorcycle frame. Make sure the oil reservoir is positioned towards the rear of the motorcycle, as shown.
5. Secure the rear suspension unit with two of the new fasteners from the kit and the original washers.
6. Tighten both the upper and lower fasteners to 21 lbf ft (28 Nm).



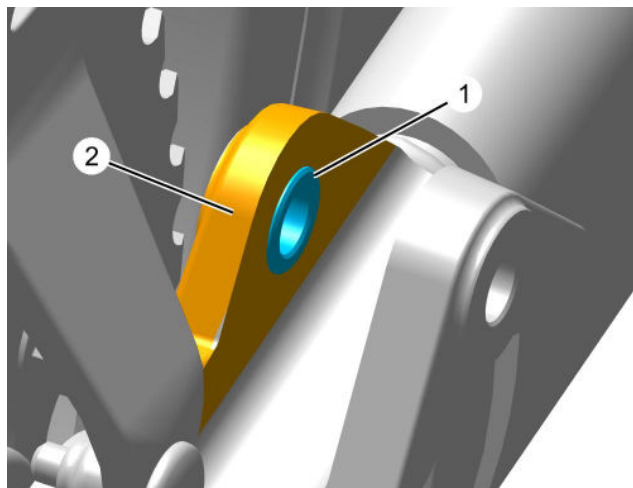
1. Rear suspension unit
2. Oil reservoir
3. Flanged sleeve (top mounting shown)
4. Fastener (top mounting shown)
5. Washer (top mounting shown)

7. Repeat steps 1 to 6 for the left side.
8. If the exhaust mufflers were removed during the installation procedure, re-install them as described in the Service Manual.

Speed Twin 900 from VIN CC4121

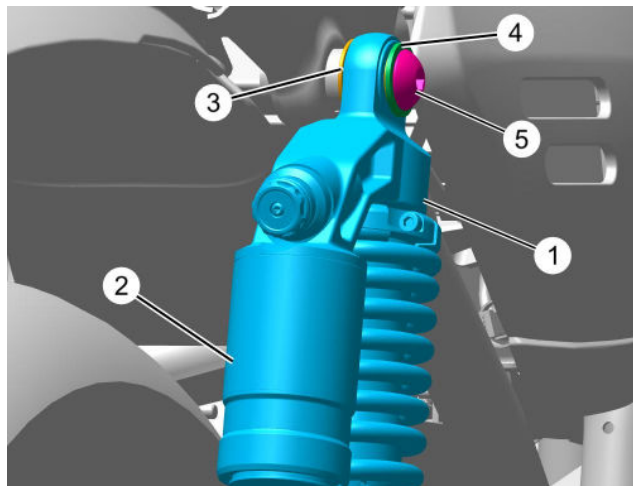
9. Remove the right side rear suspension unit, as described in the Service Manual. Retain the suspension unit for use should the motorcycle is to be returned to its original condition.
10. Retain the original suspension unit washer and lower fastener for reuse, discard the upper fastener and the lock nut.

11. Make sure the sleeve is in position in the inner side of the swinging arm, as shown below.



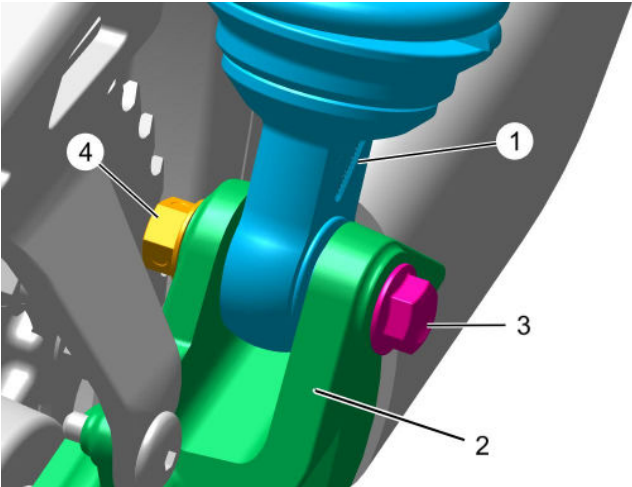
1. Sleeve
2. Swinging arm, inner side

12. Collect the right side suspension unit and one M8 x 0.79 in (20 mm) fastener from the kit.
13. Align the rear suspension unit making sure the head of the flanged sleeve is positioned against the motorcycle frame. Make sure the oil reservoir is positioned towards the rear of the motorcycle, as shown.
14. Secure the suspension unit to the suspension unit mount using one M8 x 0.79 in (20 mm) fastener from the kit and the original washer. Do not fully tighten at this stage.



1. Rear suspension unit
2. Oil reservoir
3. Flanged sleeve (top mounting shown)
4. Washer, original
5. Fastener M8 x 0.79 in (20 mm)

15. Collect the lock nut from the kit and the original lower fastener. Secure the lower part of the suspension unit to the swinging arm and tighten the fastener to 37 lbf ft (50 Nm).



- 1. Rear suspension unit
- 2. Swinging arm
- 3. Fastener, original
- 4. Lock nut, M10

16. Tighten the upper fastener to the 18 lbf ft (25 Nm).
17. Repeat steps 9 to 15 for the left side rear suspension unit.
18. If the exhaust mufflers were removed during the installation procedure, re-install them as described in the Service Manual.

Suspension Settings

NOTICE

The accessory suspension units have two different adjustment settings; spring preload and compression damping.

NOTICE

The details given in the tables are only a guide. Setting requirements may vary for rider and passenger weight and personal preferences.

The standard rear suspension settings provide a comfortable ride and good handling characteristics for general, solo riding. The following tables show suggested settings for rear suspension under different load conditions.

Preload		
Loading Condition		Rear Spring Preload (1)
Solo Riding	Standard	0 (Fully Counterclockwise)
	Comfort (softer)	0 (Fully Counterclockwise)
	Sport (firmer)	0 (Fully Counterclockwise)
Rider and Passenger		7.75 (Fully Clockwise)
(1) Number of turns clockwise from the fully counterclockwise position, when looking from the top of the suspension unit.		

Damping		
Load Condition		Rear Compression Damping (2)
Solo Riding	Standard	18
	Comfort (softer)	23
	Sport (firmer)	10
Rider and Passenger		10
(2) Number of clicks counterclockwise from the fully clockwise position noting that the first stop (click) is counted as 1.		

Rear Suspension Preload Adjustment

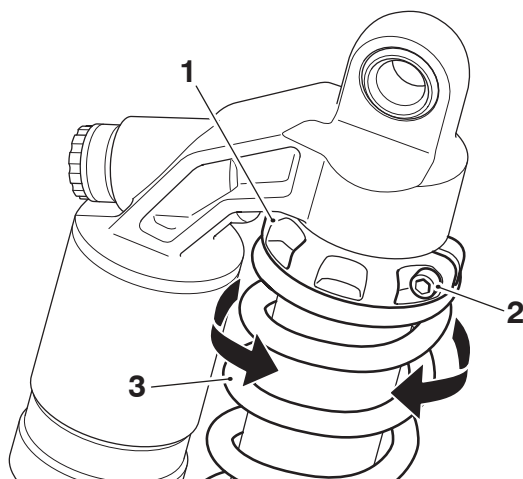
NOTICE

The spring preload adjuster is located at the top of the rear suspension unit.

NOTICE

The accessory suspension units are supplied with the preload adjuster set at the Standard Solo Riding settings.

1. To change the rear suspension spring preload setting, loosen the pinch bolt on the preload adjuster. Do not remove the pinch bolt. Looking from the top of the suspension unit, turn the spring and adjuster ring clockwise to increase spring preload and counterclockwise to decrease spring preload. Tighten the pinch bolt to 53 lbf in (6 Nm).



1. Rear suspension preload adjuster ring
2. Pinch bolt
3. Spring

Rear Suspension Compression Damping Adjustment

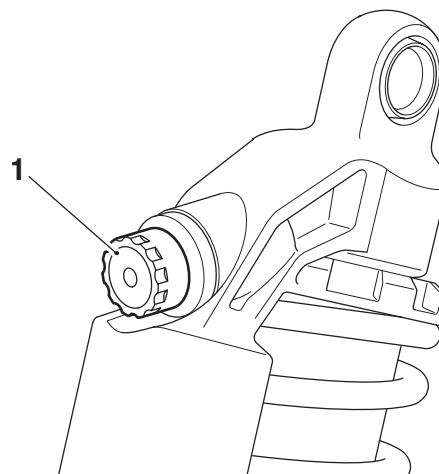
NOTICE

The setting is measured as the number of adjuster clicks counterclockwise from the fully clockwise position.

NOTICE

The accessory suspension units are supplied with the compression damping adjuster set at the Standard Solo Riding settings.

2. To change the compression damping setting, rotate the adjuster clockwise to increase, or counterclockwise to decrease.



1. Rear suspension compression damping adjuster

Servicing

NOTICE

The spring and spring guide on this rear suspension unit may show signs of wear after use.

This wear is normal and not considered to be a fault and does not affect the performance, operation or safety of the rear suspension.

For further information, and for service, please contact an authorized FOX Service Center.

⚠ WARNING

Contents under pressure.

Never attempt to open this rear suspension unit. Never attempt to service this rear suspension unit. Never incinerate, puncture, or disassemble this rear suspension unit.

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



The rear suspension units are sealed units and do not have any internally user serviceable parts.

⚠ WARNING

After fitting the accessory kit the motorcycle will exhibit new handling characteristics.

Operate the motorcycle in a safe area free from traffic to gain familiarity with any new characteristics.

Operation of the motorcycle when not familiar with any new handling characteristics may lead to loss of motorcycle control which could result in serious injury or death.

⚠ WARNING

If, after fitting this accessory kit, you have any doubt about the performance of any aspect of the motorcycle, contact a competent person with the specialist knowledge and technical understanding of motorcycles, such as an authorized Triumph dealer.

Riding a motorcycle when there is any doubt as to any aspect of the performance of the motorcycle may lead to loss of motorcycle control which could result in serious injury or death.

⚠ WARNING

Never ride an accessory-equipped motorcycle at speeds above 80 mph (130 km/h).

Remember that the 80 mph (130 km/h) limit will be reduced by the fitting of non-approved accessories, incorrect loading, worn tires, overall motorcycle condition and poor road or weather conditions.

The presence of accessories will cause changes in the stability and handling of the motorcycle. Failure to allow for changes in motorcycle stability may lead to loss of motorcycle control which could result in serious injury or death.

⚠ WARNING

High-speed operation should only be attempted by riders who have been instructed in the techniques necessary for high-speed riding and are familiar with the motorcycle's characteristics in all conditions.

Only operate this Triumph motorcycle at high speed in closed-course, on-road competition or on closed-course racetracks.

High-speed operation in any other circumstances is dangerous and may lead to loss of motorcycle control which could result in serious injury or death.

NOTICE

The motorcycle must not be operated above the legal road speed limit except in closed-course conditions.