

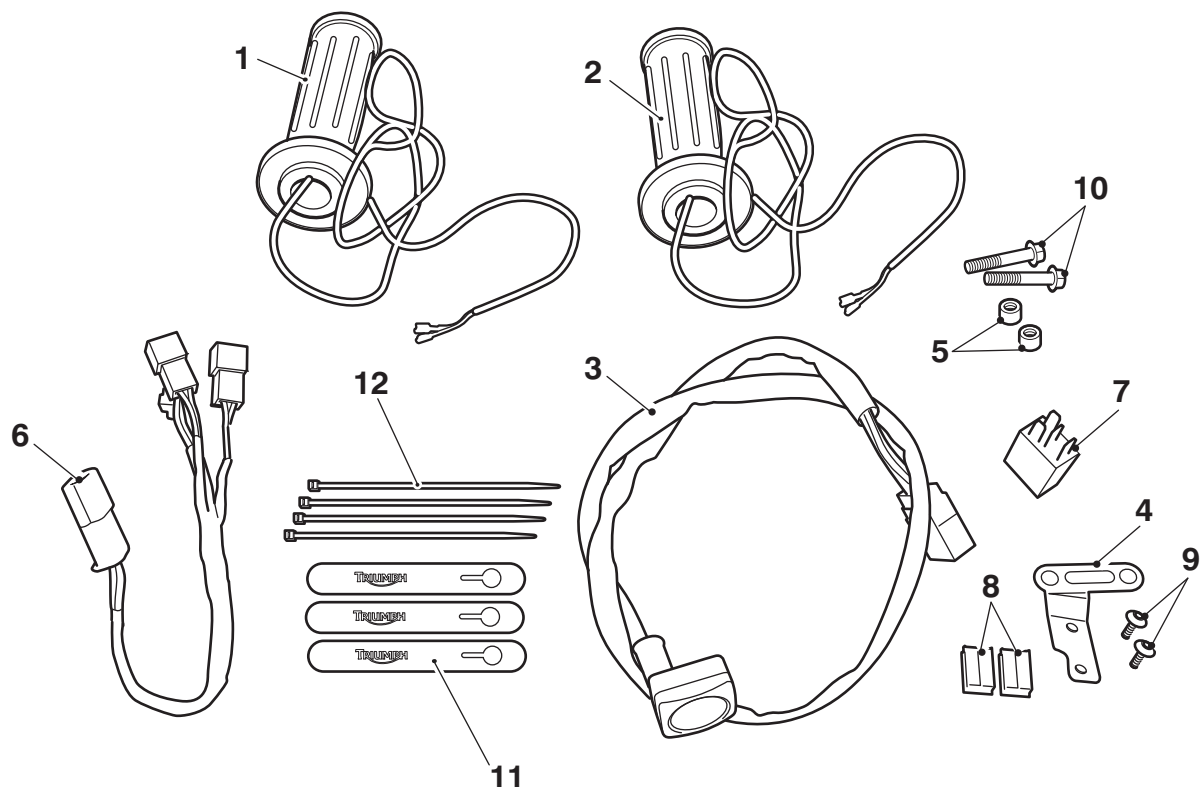
Fitting Instructions:

Street Triple Rx, Street Triple from VIN 560477 and Street Triple R from VIN 560477 A9638090, A9638122 and A9638127

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.



T1295

Parts Supplied:

1. Heated grip, left hand	1 off	7. Relay	1 off
2. Heated grip, right hand	1 off	8. Connector	2 off
3. Switch, heated grips	1 off	9. Screw, M4 x 5 mm	2 off
4. Bracket, switch	1 off	10. Bolt, M6 x 35 mm	2 off
5. Spacer	2 off	11. Rubber cable retaining band	3 off
6. Sub-harness, heated grips	1 off	12. Cable tie	4 off



Warning

This accessory kit is designed for use on Triumph Street Triple Rx, Street Triple from VIN 560477 and Street Triple R from VIN 560477 motorcycles only and should not be fitted to any other Triumph model or to any other manufacturer's motorcycle. Fitting this accessory kit to any other Triumph model or to any other manufacturer's motorcycle, may interfere with the rider and could affect the stability and handling of the motorcycle leading to loss of control and an accident.



Warning

Always have Triumph approved parts, accessories and conversions fitted by a trained technician of an authorised Triumph dealer. The fitment of parts, accessories and conversions by a technician who is not of an authorised Triumph dealer may affect the handling, stability or other aspects of the motorcycle's operation, which may result in loss of motorcycle control and an accident.



Warning

Always ensure that the newly installed wiring does not chafe against other parts of the motorcycle such that it may be rubbed through and cause an electrical problem. In addition, always ensure that the newly installed wiring will not restrict steering movement. Both conditions are hazardous and could give rise to a dangerous riding condition resulting in a fire, loss of motorcycle control and an accident.



Warning

Throughout this operation, ensure that the motorcycle is stabilised and adequately supported to prevent risk of injury from the motorcycle falling.



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. This may result in loss of motorcycle control and an accident.

Note:

- 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 authorised Triumph dealer.

Accessory Kit Part Number	Model	VIN
A9638090	Street Triple	From VIN 560477 to VIN 614940
	Street Triple R	From VIN 560477 to VIN 614940
A9638122 and A9638127	Street Triple	From VIN 560477
	Street Triple R	From VIN 560477
A9638127	Street Triple Rx	From VIN 681920

Heated Grip Installation

1. Remove the rider's seat and disconnect the battery, negative (black) lead first.
2. Remove the handlebar end weights. Retain the end weights and fixings for reuse.
3. Remove the left-hand switch housing screws and allow the switch housing to hang free of the handlebar.
4. Remove the handlebar grip.
5. Remove the right-hand switch housing screws and allow the switch housing to hang free of the handlebar.

Note:

- **To gain access to the switch housing screws it may be necessary to slacken the front brake/master cylinder clamp screws and rotate the assembly out of the way.**

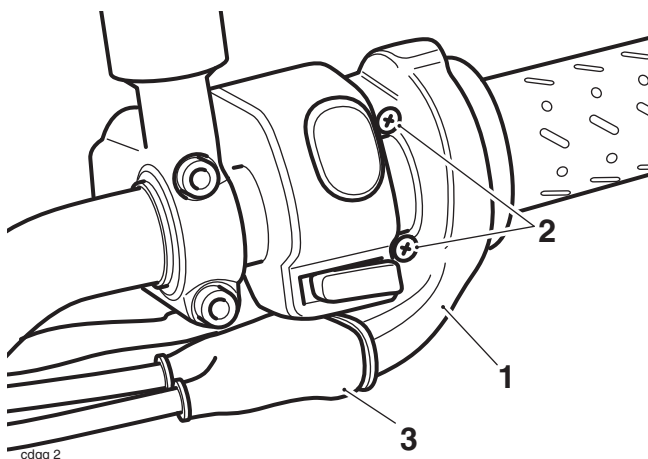


Warning

Do not allow the master cylinder to invert as this will introduce air into the brake system and may also cause brake fluid to leak resulting in damage to bodywork.

A dangerous riding condition leading to loss of motorcycle control and an accident could result if this warning is ignored.

6. At the twist grip, slide off the rubber boot and release the screws which secure the two halves of the twist grip guide to each other.

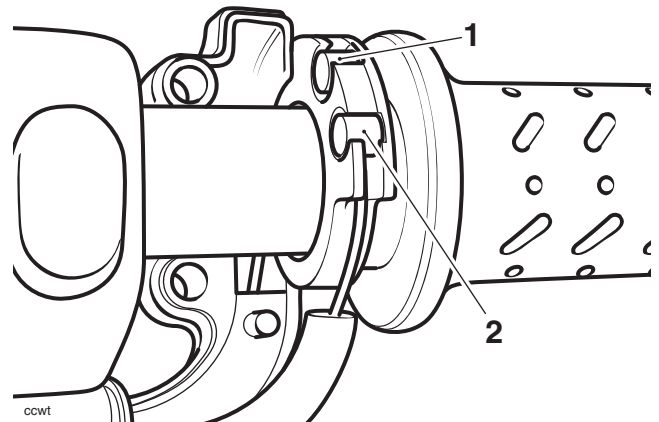


1. Twist grip guide
2. Screws
3. Rubber boot

Note:

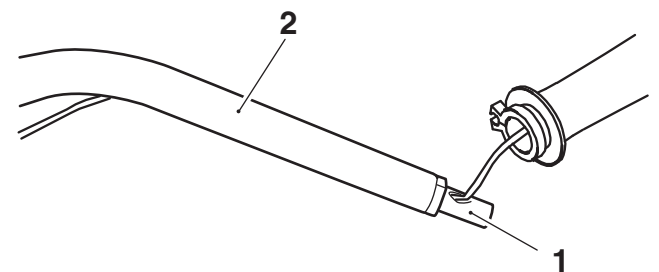
- **Prior to detaching the throttle cables from the twist grip, clearly identify the opening and closing cables so that they may be refitted in the correct positions.**

7. Separate the two halves of the guide then release the inner cables from the twist grip.



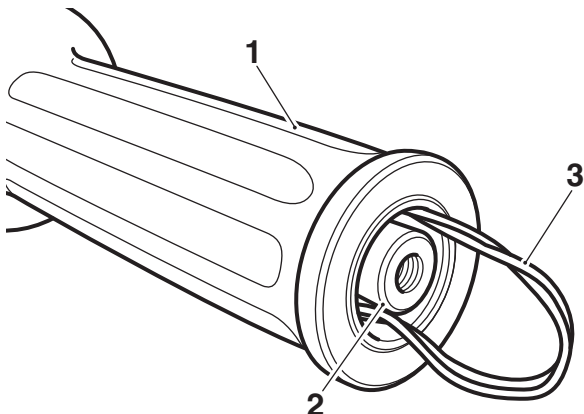
1. Opening cable
2. Closing cable

8. Remove the handlebar grip.
9. Thread the right-hand (throttle) heated grip cable into the large hole in the handlebar end weight mounting and out through the hole in the underside of the handlebar, as shown.



1. End weight mounting
2. Handlebar

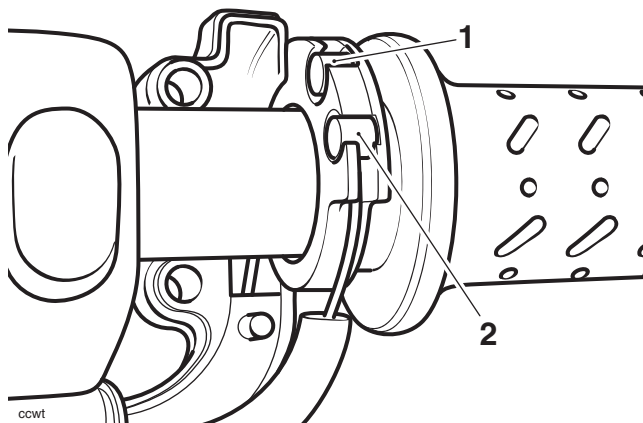
10. Carefully fit the grip to the handlebar until the end of the grip is flush with the handlebar. Ensure that the cables do not become trapped and that there is enough cable slack to form a loop outside the grip, as shown below.



cgba

- 1. Grip
- 2. Handlebar
- 3. Cables loop

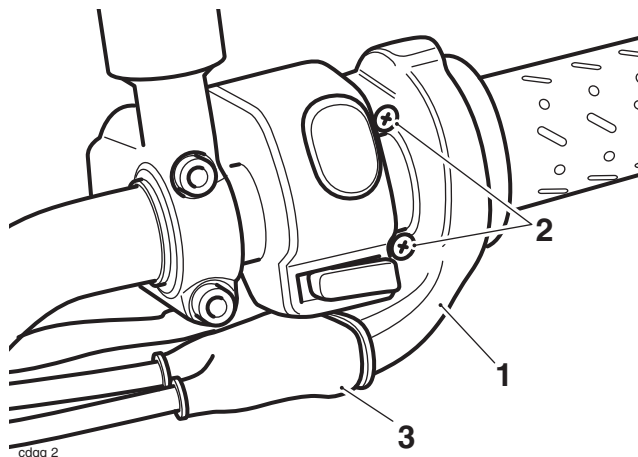
11. Ensure that the grip is flush with the handlebar and reconnect the throttle cables as noted before detaching them.



ccwt

- 1. Opening cable
- 2. Closing cable

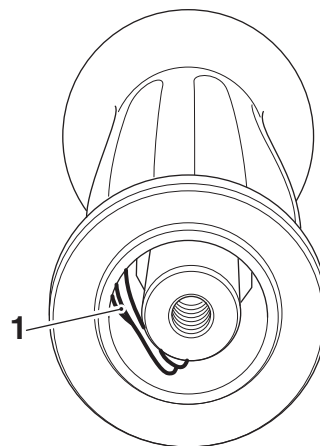
12. Assemble the two halves of the twist grip guide ensuring that the outer cables are correctly located in the guide and the guide is positioned on the handlebars as prior to removal. Tighten the screws to **3 Nm**. Refit the rubber boot.



cdgq 2

- 1. Twist grip guide
- 2. Screws
- 3. Rubber boot

13. Carefully pull the cable back through the hole in the underside of the handlebar until the loop of the cables is just inside the end of the grip, as shown below.



cgbb

- 1. Cables loop

14. Ensure there is enough slack in the cables for the twist grip to rotate and the cables not to become trapped.
15. Carefully check that the twist grip rotates smoothly through its full range of movement, and is not restricted in any way. If any tightness or resistance is felt, check and rectify the cause before riding the motorcycle.
16. Refit the right-hand switch housing, ensuring that the boss locates in the dowel hole. Tighten the securing screws to **3 Nm**.



Caution

When securing electrical cable ties, ensure that there is enough slack in the cables to allow for cable movement. Over-tightening of the cables may result in wiring harness damage and electrical malfunctions.

17. Ensuring the throttle is fully closed, and the cable inside the twist grip has adequate slack to allow correct throttle operation, secure the right-hand heated grip cable to the right-hand switch cube cable, approximately 40 mm from the cable exit hole on the handlebar with a cable tie from the kit.
18. Check that there is 2 - 3 mm of free play at the throttle twist grip. Adjust if necessary.



Warning

Operation of the motorcycle with an incorrectly adjusted, incorrectly routed or damaged throttle cable could interfere with the operation of the brakes, clutch or the throttle itself. Any of these conditions could result in loss of motorcycle control and an accident.

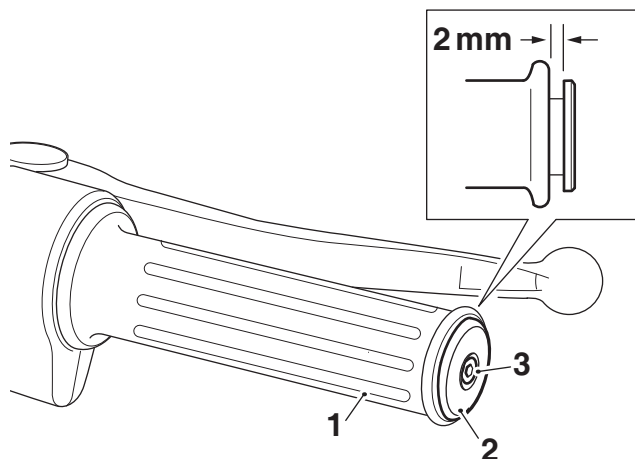


Warning

Move the handlebars to the left and right full lock while checking that the cables and harness do not bind. A cable or harness that binds will restrict the steering and may cause loss of control and an accident.

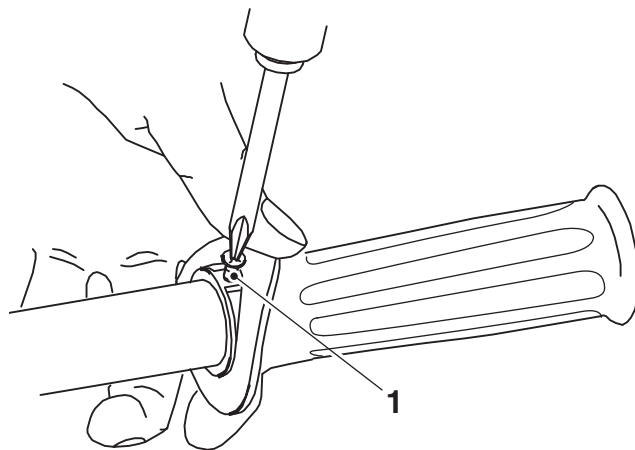
19. Re-secure the front brake lever/master cylinder by aligning the clamp split line with the '+' mark on the handlebar and tighten the clamp bolts, upper first. Do not fully tighten the clamp bolts at this stage.

20. Refit the right-hand handlebar end weight with the original fixing, tighten the fixing to **5 Nm**. Adjust the position of the throttle grip to ensure a minimum of 2 mm clearance between the handlebar end weight and throttle grip is achieved, as shown. Tighten the front brake lever/master cylinder clamp bolts, upper first, to **12 Nm**.



1. Throttle grip
2. Handlebar end weight
3. Fixing

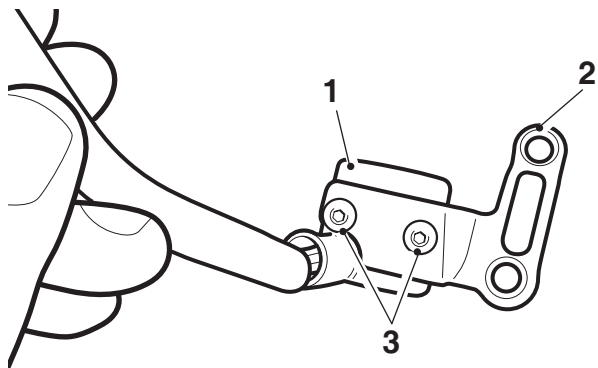
21. Fit the left-hand heated grip in the same way as for the right, again ensuring that the cable is located correctly and cannot be trapped. Secure the left-hand grip by aligning and tightening the two self-tapping screws, as shown below.



1. Self-tapping screw, 1 of 2 shown
22. Refit the left-hand switch housing. Tighten the screws to **3 Nm**.
23. Refit the left-hand handlebar end weight with the original fixing. Tighten the fixing to **5 Nm**.

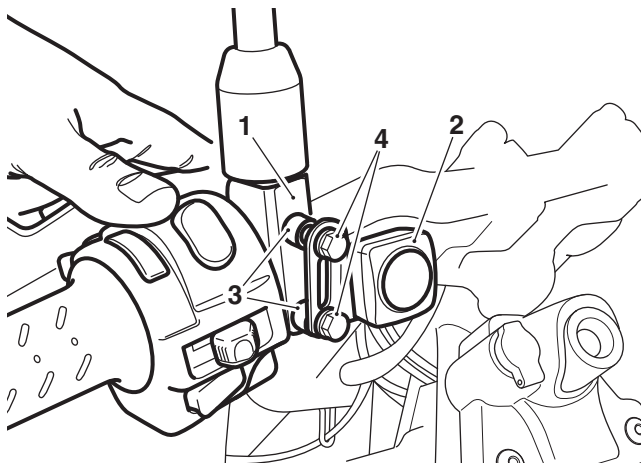
Switch Fitment

1. Align the heated grip switch to the switch bracket and secure with the two M4 x 5 mm screws. Tighten to **3 Nm**.



1. Switch
2. Switch bracket
3. M4 x 5 mm screws

2. Support the clutch lever assembly and remove the two bolts. Retain the two bolts if the motorcycle is to be returned to its original condition. Retain the clamp for re-use.
3. Refit the clutch lever clamp (UP arrow pointing upwards), and install the two spacers and switch bracket. Secure with the two M6 x 35 mm bolts from the kit.



1. Clutch lever clamp
2. Heated grip bracket and switch
3. Spacers
4. M6 x 35 mm bolts

4. Align the split line of the clutch lever with the '+' mark on the upper surface of the handlebar, then tighten the clamp bolts, upper first, to **12 Nm**.
5. Remove the right-hand radiator cowl, as described in the Service Manual.

6. Route the switch harness and left-hand heated grip cable, following the path of the clutch cable, through to the right-hand radiator cowl.
7. Following the right-hand switch cube wiring, route the right-hand heated grip cable through to the right-hand radiator cowl.
8. Secure the harness and cables with the rubber cable retaining bands to help prevent them becoming trapped or stretched by the steering mechanism.

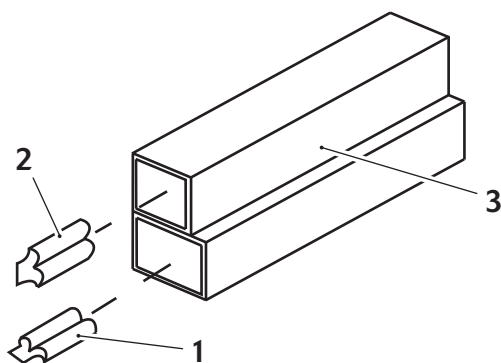


Warning

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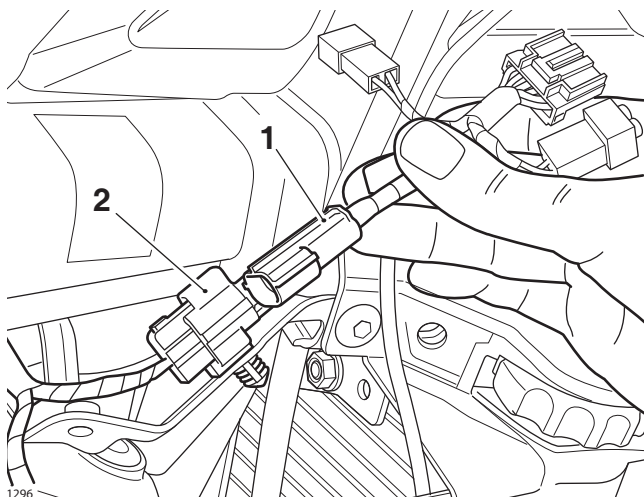
Sub-Harness Fitment

1. Attach the supplied terminal blocks to the heated grip cables ensuring the correct orientation of the terminals.



1. Black terminal
2. Brown terminal
3. Connector block

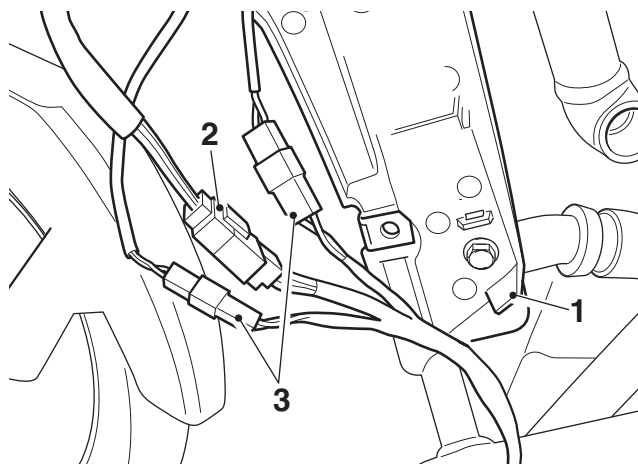
2. Identify the 2-way connector on the main wiring harness (located in the area of the right-hand radiator infill moulding) and remove the blanking plug. Retain the blanking plug if the motorcycle is to be returned to its original condition.
3. Connect the sub-harness connector to the main harness connector.



1. Sub-harness
2. Main harness connector

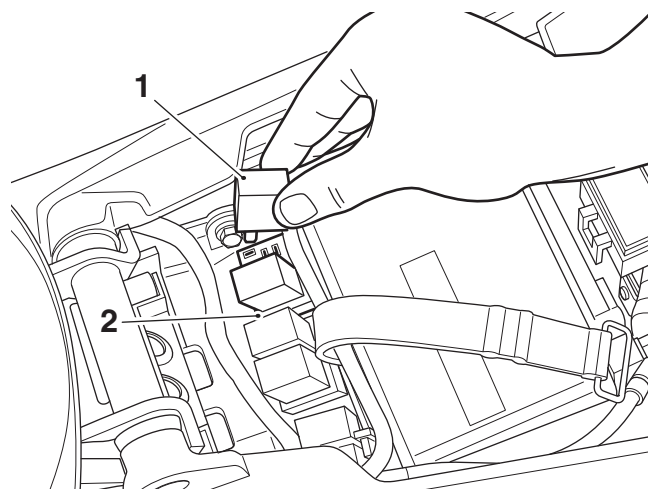
4. Connect the switch harness to the corresponding connector on the sub-harness.

5. Connect the heated grip cables to the two connectors on the sub-harness.



1. Radiator infill moulding
2. Switch harness
3. Heated grip connectors

6. Secure the sub-harness and all loose cables to the right-hand radiator infill moulding using the cable ties supplied. Trim off any excess cable tie and ensure there is sufficient clearance to refit the right-hand radiator cowling.
7. Fit the relay into the spare socket at the relay block situated in the under seat area.



1. Relay
2. Relay block

8. Reconnect the battery, positive (red) lead first and refit the seat.

Heated Grip System Testing

1. Run the engine to avoid draining the battery.
2. Operate the switch at both positions and check that the heated grips warm up.
3. Fuse number 5 protects the heated grip circuit. Refer to the label in the fuse box lid for fuse amperage.

Operation

1. The heated grip switch has three operating modes and will change colour as described below:
 - OFF - white;
 - HOT - red;
 - WARM - green or amber.

The system is designed to offer a variable level of heat at the grips from warm to hot.

For maximum benefit in cold conditions, from the off position press the switch once for hot (red) initially and then reduce the heat level by pressing the switch again for warm (green or amber) when the grips have warmed up. To turn off the heated grips, press and release the switch until the colour of the switch is white.

Automatic Shutdown

If the heated grips are switched on and a low battery voltage situation is detected continuously for five minutes, the illuminated switch will flash five times. When the illuminated switch stops flashing the power to the heated grips and LED warning light will be switched off.

To switch the heated grips on again, press the switch until the desired heat level is reached, however if the low voltage condition is still apparent the heated grips will operate for a further five minutes and then turn off.



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 result in loss of motorcycle control and an accident.



Warning

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



Warning

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

High speed operation in any other circumstances is dangerous and will lead to loss of motorcycle control and an accident.