

Fitting Instructions:
Rocket III Touring
Heated Grip Kit - A9638027



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.

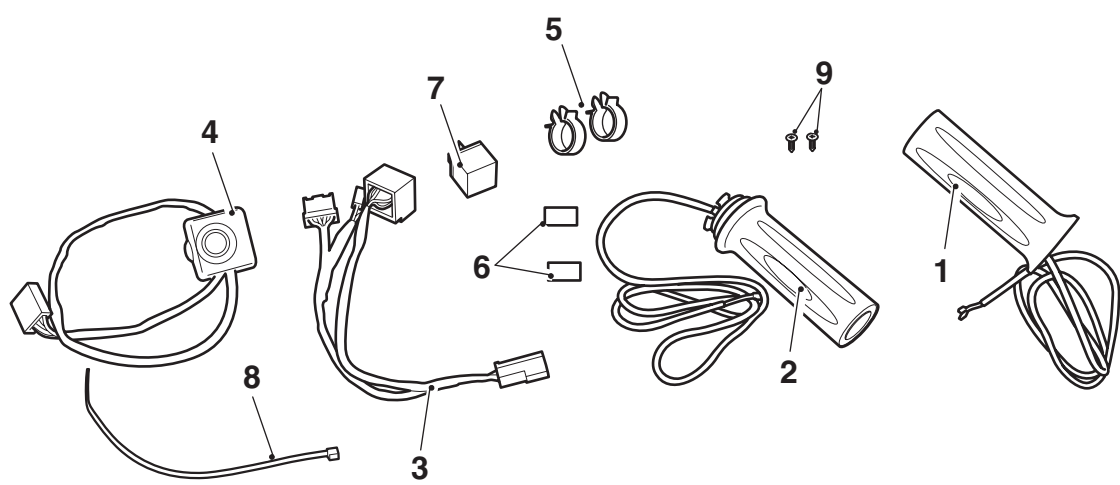
These instructions should be considered a permanent part of your accessory kit, and should remain with it even if your accessory equipped motorcycle is subsequently sold.

Warning

This accessory kit is designed for use on Triumph Rocket III Touring motorcycles only and should not be fitted to any other Triumph model or to any other manufacturers motorcycle. Fitting this accessory kit to any other Triumph model, or to any other manufacturers motorcycle, may interfere with the rider and could affect the handling, stability or other aspects of the motorcycles operation which may result in loss of motorcycle 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 motorcycles operation which may result in loss of motorcycle control and an accident.



Parts Supplied:

1.	Heated grip, left hand	1 off	6.	Connector block	2 off
2.	Heated grip, right hand	1 off	7.	Relay	1 off
3.	Wiring sub harness	1 off	8.	Cable tie	5 off
4.	Switch	1 off	9.	Screw, self tapping	2 off
5.	Cable clip	2 off			



Warning

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



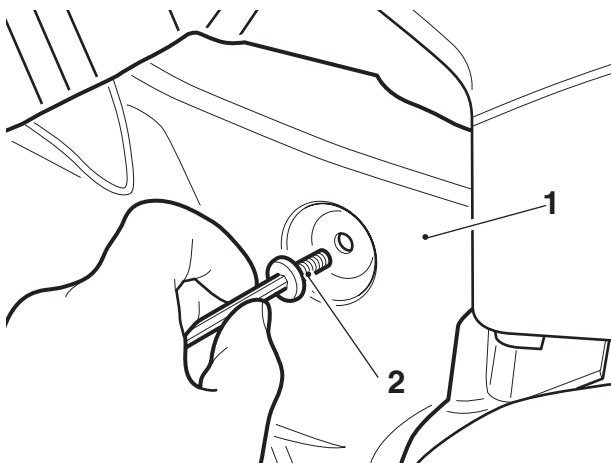
Warning

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 result in loss of motorcycle control and an accident.

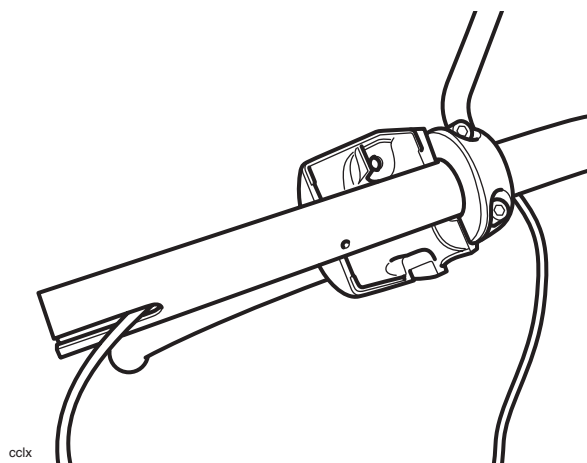
1. Remove the seat as described in the service manual.
2. Disconnect the battery, negative (black) lead first.
3. Remove the plenum cover and instrument nacelle as described in the service manual.
4. Remove the fuel tank front fixings, raise the front of the fuel tank and support on the prop stand as described in the service manual. Retain the screws for reuse.
6. Release the two screws securing the left hand switch cube and allow the switch cube to hang free.
7. Slacken the bolt securing the left hand handlebar end weight and remove the end weight from the handlebar.
8. Carefully cut off the left hand handlebar grip.
9. Locate the left hand heated grip from the kit. Thread the wiring into the handle bar end and out through the hole located just after the clutch lever mounting.

Note:

- **If an accessory alarm is fitted it will be necessary to remove the additional security locknut fitted to the left hand headstock cover top fixing, before the headstock cover can be removed. Retain the locknut for reuse.**
5. Remove the left hand headstock infill panel. Retain the fixings for reuse.

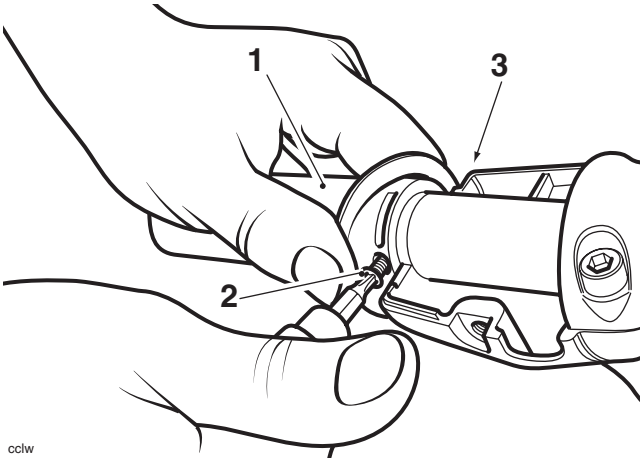


1. Headstock infill panel, left hand
2. Fixing, top rear shown



10. Slide the left hand heated grip onto the left hand side of the handlebar. Ensure that the heating element cable is located in the cut out on the handlebar end and cannot be trapped. Push the grip on until it is flush with the end of the handlebar.

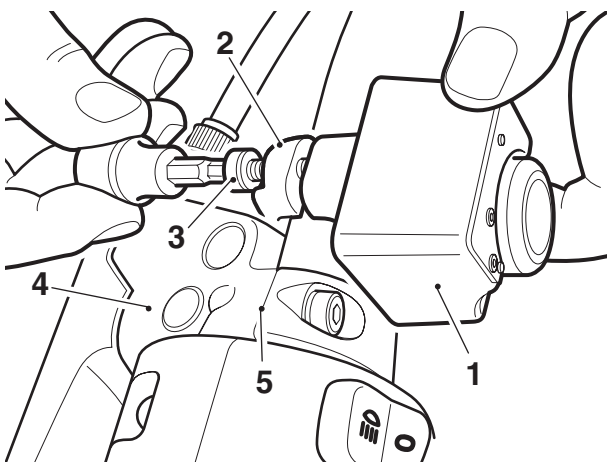
11. Align the two self tapping screws provided with the alignment holes on the handlebar. Tighten to secure the grip to the handlebar.



cclw

1. Heated grip
2. Lower self tapping screw
3. Upper screw location

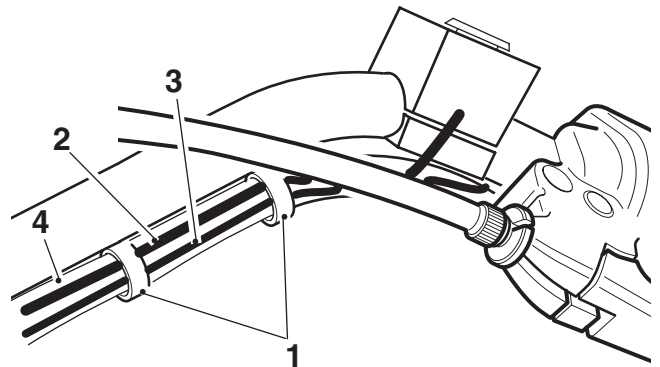
12. Refit the left hand switch cube and handlebar end weight as described in the service manual.
13. Remove the clamp fixings and clamp from the switch provided.
14. Locate the switch onto the left hand side of the handlebars, as close as possible to the clutch lever.
15. Secure in position with the clamp and fixings. Align the split line of the switch mounting with the split line in the clutch lever mounting point. Tighten the fixings to **4 Nm**.



1. Heated grip switch
2. Clamp
3. Fixing
4. Clutch lever
5. Split line

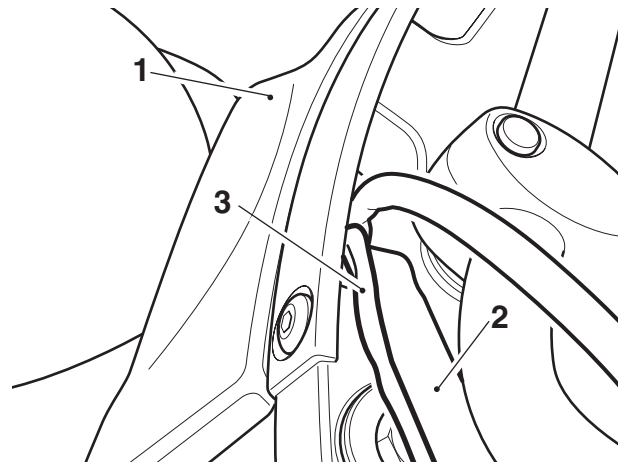
16. Remove the lower two cable clips from the left hand side of the handbars and replace with the new cable clips provided. Retain the original clips if the motorcycle is to be returned to its original condition.

17. Ensure the existing wiring harness and the new heated grip and switch wiring harnesses are all retained by the new cable clips.



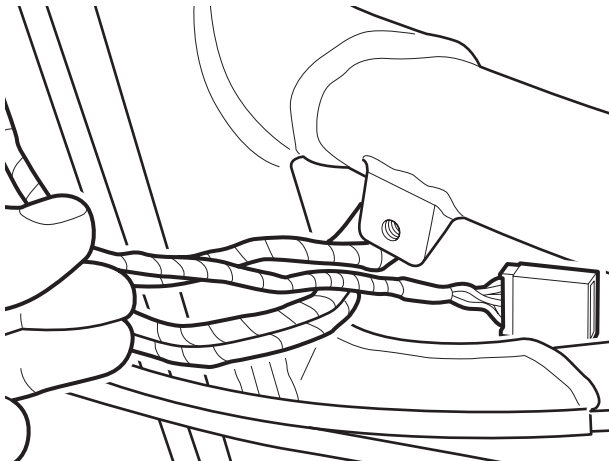
1. Cable clips
2. Switch wiring harness
3. Heated grip harness
4. Existing wiring harness

18. Feed the new heated grip and switch wiring through the slot between the top yoke and cable retaining plate.

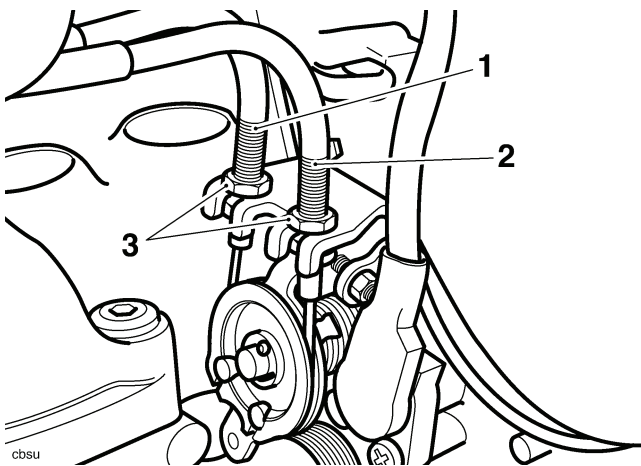


1. Cable retaining plate
2. Top yoke
3. Heated grip and switch wiring

19. Feed the wiring through the left hand side of the frame into the area under the fuel tank.

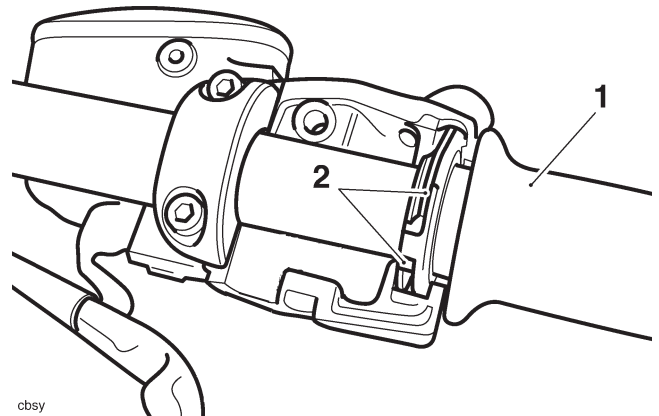


20. Release the two screws securing the right hand switch cube and allow the switch cube to hang free.
21. Slacken the bolt securing the right hand handlebar end weight and remove the end weight from the handlebar.
22. Remove the two bolts securing the coolant expansion tank to the frame and carefully position to allow access to the throttle cable adjuster nuts.
23. Slacken the adjuster lock nuts at the throttle body such that they will allow the outer cables to be detached from the cable brackets.



- 1. Opening cable adjuster**
- 2. Closing cable adjuster**
- 3. Lock nuts**

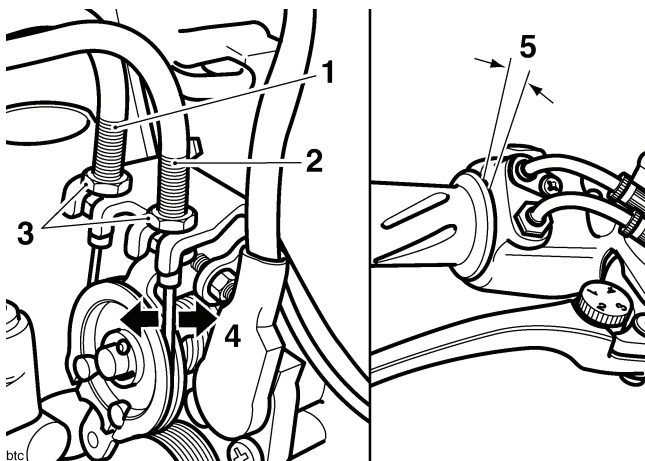
24. Ease the rear half of the switch cube away from the handlebar to allow space for the throttle cables to be detached from the twist grip. Detach the cables from the twist grip.



- 1. Twist grip**
- 2. Throttle cables**

25. Slide the twist grip off the handlebar.
26. Locate the right hand heated grip from the kit. Thread the wiring into the handlebar end and out through the hole located just after the front brake master cylinder mounting point.
27. Slide the right hand heated twist grip onto the right hand handlebar. Ensure that the heating element cable is located in the cut out on the handlebar end and cannot be trapped. Push the grip on until it is flush with the end of the handlebar.
28. Engage the nipples of the throttle cable to the twist grip.
29. Refit the right hand switch cube and handlebar end weight as described in the service manual. Note the rear section of the switch housing includes a location peg which fits into a hole in the handlebar.

30. Refit the outer throttle cables to the cable bracket and adjust the throttle cable as follows:



1. Opening cable adjuster
2. Closing cable adjuster
3. Lock nuts
4. Closing cable - free play measurement point
5. Opening cable - free play measurement point



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 its self. Any of these conditions could result in loss of control of the motorcycle and an accident.



Warning

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



Warning

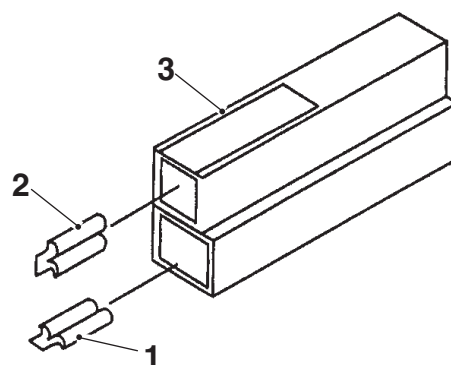
Ensure that all the adjuster lock nuts of both cables are tightened, as a loose lock nut could result in a sticking throttle.

An incorrectly adjusted, sticking or stuck throttle can lead to loss of motorcycle control and an accident.

- Rotate the opening cable adjuster at the twist grip end such that it has an equal amount of adjustment in each direction.
- Rotate the opening cable adjuster at the throttle body end of the cable to give 2 - 3 mm of play at the twist grip. Tighten the lock nut.

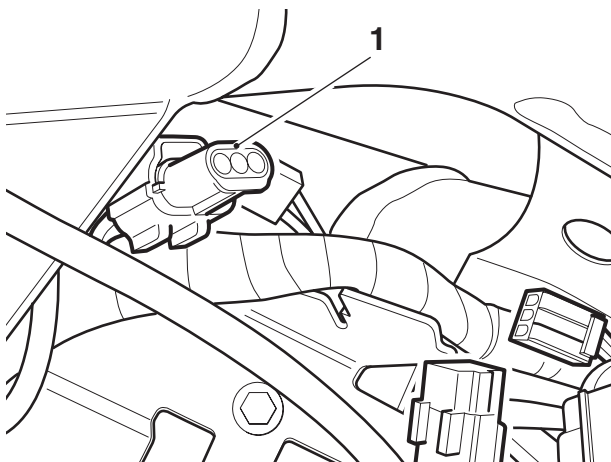
- Make any minor adjustments as necessary to give 2 - 3 mm of play using the adjuster near the twist grip end of the cable. Tighten the lock nut.
- With the throttle fully closed, ensure that there is 2 - 3 mm of free play in the closing cable at the throttle cam attached to the throttle bodies. If necessary adjust in the same way as the opening cable until 2 - 3 mm of play is present.

31. Secure the coolant expansion tank to the frame tightening both bolts to **4 Nm**.
32. Route the heated twist grip wiring, through the existing cable clips, past the headstock and into the area underneath the fuel tank following the same routing as the right hand switch cube wiring.
33. Attach the connector blocks from the kit to the left hand and right hand heated grip wiring as shown below, ensuring the correct orientation of the terminals.



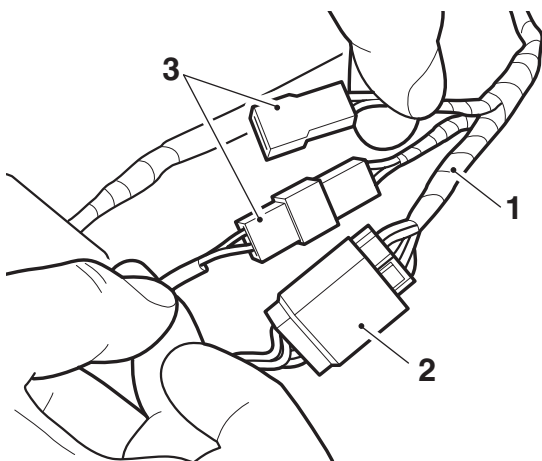
1. Black terminal
2. Brown terminal
3. Connector block

34. Locate the 3 pin heated grip connector on the main wiring harness, underneath the fuel tank. Remove the blanking plug.



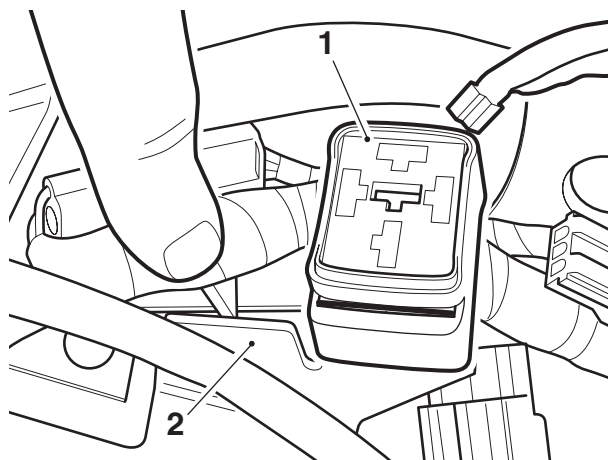
1. Heated grip connector, main harness

35. Connect the sub harness provided to the heated grip connector on the main wiring harness.
36. Connect the heated grip switch wiring connector and the heated grip wiring connectors to the sub harness.



- 1. Sub harness**
2. Switch wiring connector
3. Grip wiring connectors

37. Locate the accessory relay mounting bracket underneath the fuel tank. Fit the sub harness relay connector to the relay bracket in one of the two mounting positions.



- 1. Relay connector, sub harness**
2. Accessory relay mounting bracket

38. Fit the relay provided into the sub harness relay connector.
39. Route the heated grip, switch and sub harness alongside the existing wiring harness and secure with the cable ties provided.
40. Refit the left hand side headstock infill panel and secure with the original fixings.

Note:

- **If an accessory alarm is fitted, it is necessary to refit the locknut to the upper left hand headstock cover fixing, as described in the alarm kit fitting instructions.**
41. Reconnect the battery, red (positive) lead first.
42. Refit the fuel tank, plenum cover, instrument nacelle and seat as described in the service manual.
43. Check that the throttle opens smoothly, without undue force and that it closes without sticking. Refer to the service manual and rectify if necessary.

Heated grip operation

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

For maximum benefit in cold conditions, position the switch to the 'Hi' position initially and then reduce the heat level when the grips have warmed up.



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

If, after fitment of this accessory kit, you have any doubt about the performance of any aspect of the motorcycle, contact an authorised Triumph dealer and do not ride the motorcycle until the authorised dealer has declared it fit for use. Riding a motorcycle when there is any doubt as to any aspect of the performance of the motorcycle may result in loss of control of the motorcycle leading to 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 competition 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.