



Accessory Fitting Instructions

Alarm Unit	
Kit Number	Models Affected
A9800100	Street Twin from VIN AB9715 with Euro 5 engine ECM (see page 2), Speed Twin 900, Street Scrambler from VIN AB9837 with Euro 5 engine ECM (see page 2), Scrambler 900 Bonneville T100 from VIN AC5927 with Euro 5 engine ECM (see page 2), Bonneville T120 from VIN AC6130 with Euro 5 engine ECM (see page 2), Bonneville T120 Black from VIN AD0139 with Euro 5 engine ECM (see page 2)
Alarm Fitting Kit	
Kit Number	Models Affected
A9808139	Street Scrambler from VIN AB9837 with Euro 5 engine ECM (see page 2), Scrambler 900 Bonneville T100 from VIN AC5927 with Euro 5 engine ECM (see page 2), Bonneville T120 from VIN AC6130 with Euro 5 engine ECM (see page 2), Bonneville T120 Black from VIN AD0139 with Euro 5 engine ECM (see page 2)
A9808145	Street Twin from VIN AB9715 with Euro 5 engine ECM (see page 2), Speed Twin 900

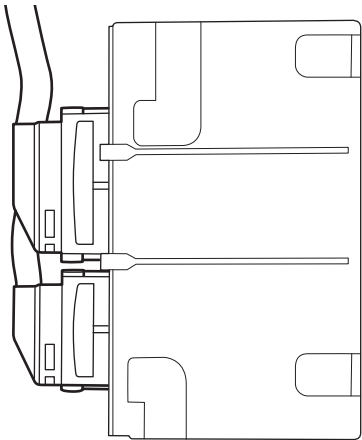
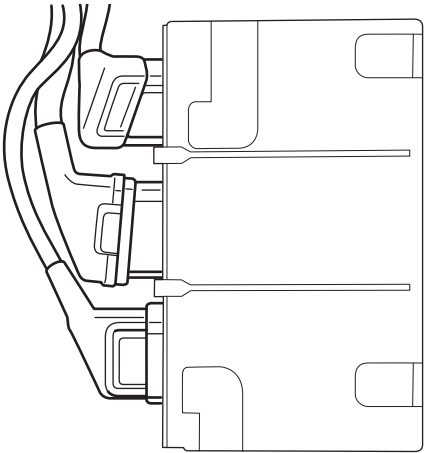
Thank you for choosing this Triumph genuine accessory kit. This accessory kit is the product of Triumph's use of proven engineering, exhaustive testing, and continuous striving for superior reliability, safety and performance.

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.

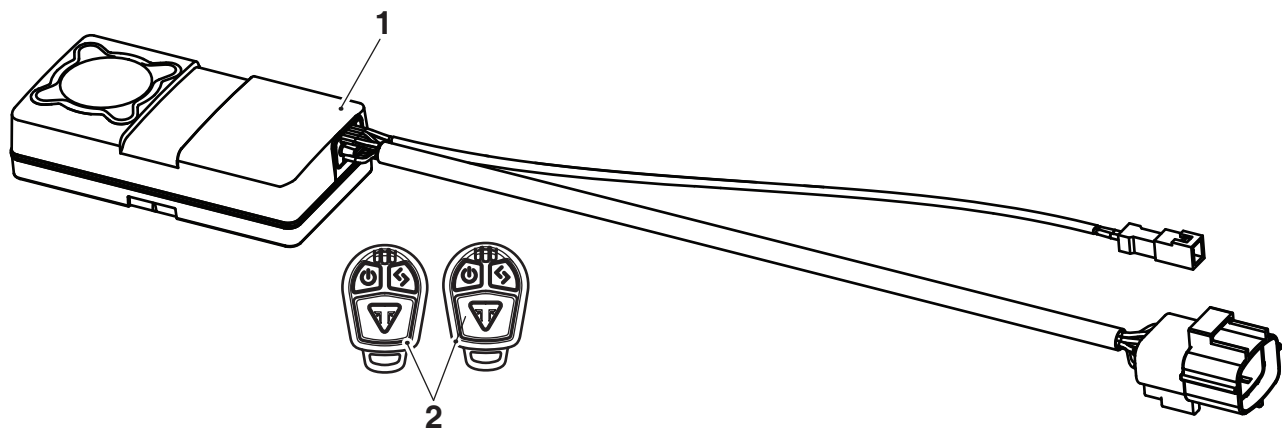
These instructions should be considered a permanent part of your accessory kit, and should remain with it even if your accessory equipped motorcycle is subsequently sold.

Note:

- The engine ECM is located under the seat.

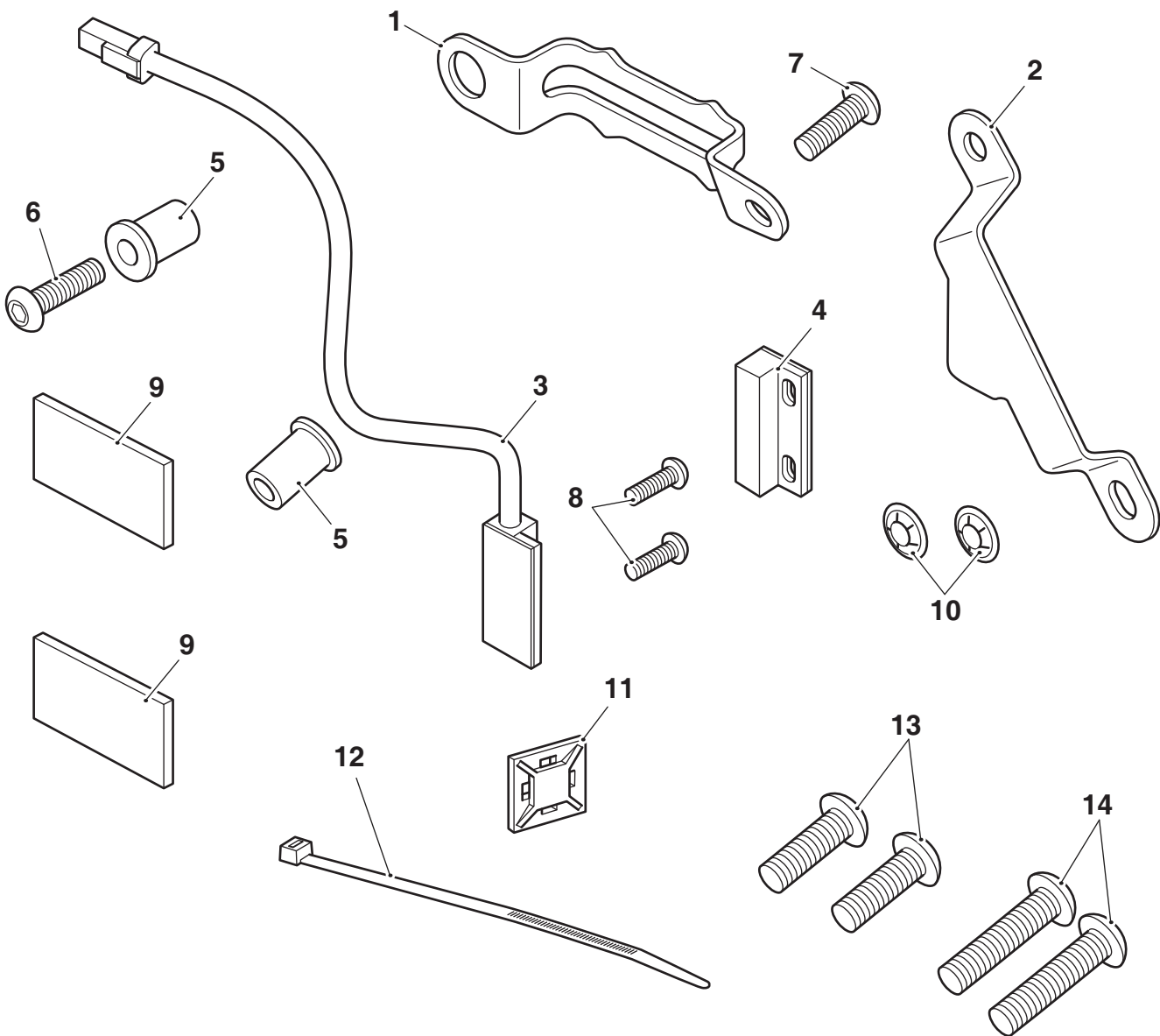
Engine ECM Identification	
Euro 4 ECM	Euro 5 ECM
	
Two connectors	Three connectors

Parts Supplied: A9800100



1. Alarm unit	1 off	3. Quick reference guide (not shown)	1 off
2. Key fob	2 off		

Parts Supplied: A9808139, A9808145



1. Alarm bracket	1 off	9. Foam pad	2 off
2. Reed switch magnet bracket (A9808145 only)	1 off	10. Retaining washer (A9808145 only)	2 off
3. Reed-switch	1 off	11. Cable tie holder	1 off
4. Reed-switch magnet	1 off	12. Cable tie	1 off
5. Well nut, M5	2 off	13. Fixing, M6 x 20 mm	2 off
6. Fixing, M5 x 20 mm	1 off	14. Fixing, M6 x 27 mm	2 off
7. Fixing, M5 x 16 mm	1 off	15. Cleaning wipe (not shown)	2 off
8. Self-tapping screw	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. This may affect the rider's ability to control the motorcycle and could result in an accident causing severe injuries or death.



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

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.



Warning

Make sure the motorcycle is supported. A correctly supported motorcycle will help prevent it from falling. An unstable motorcycle may fall, causing injury to the operator or damage to the motorcycle.



Warning

Prolonged storage of the machine with the alarm armed will result in battery drain. Excessive battery drain will cause permanent damage to the battery. The machine should be connected to an appropriate battery conditioner to maintain good battery condition.

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.

Note:

- Power supply voltage range - 12 volt DC negative earth.
 - System current consumption <2.5 mA in armed condition.
 - Once the alarm has been fitted, it will become an integral part of the motorcycle and cannot be removed.
 - Completely read all of the instructions before commencing the installation and set up of the accessory kit in order to become thoroughly familiar with the kit's features and the installation process.
 - Prior to installation, record the serial number from the underside of the alarm unit on the alarm installation certificate.
- Remove the seat, as described in the Service Manual.
 - Disconnect the battery, negative (black) lead first.
 - Remove the engine ECM fixings, as described in the Service Manual and place the engine ECM aside.
 - Remove the battery, as described in the Service Manual.
 - Remove the left hand side panel.

Reed-Switch Magnet Fitment



Caution

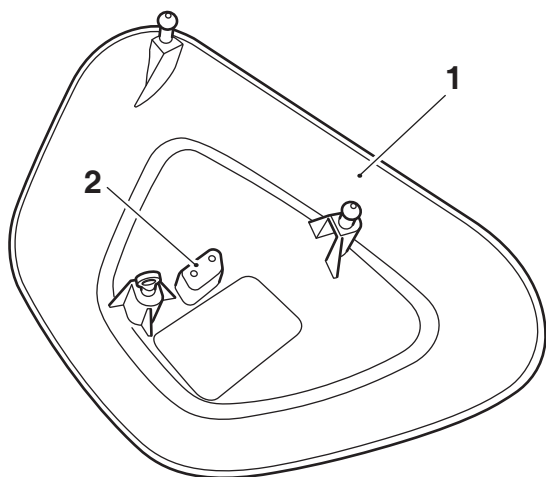
When fitting self-adhesive parts, care must be taken to make sure positioning is correct and accurate. Once the adhesive has been attached to the mounting surface, there is no satisfactory method of removal or re-positioning if incorrectly aligned. Initial bonding is instant, full bonding is achieved after 72 hours.

Note:

- Read the warning notices printed on the cleaning wipe packet in the fitting kit.
- The surface to which the reed-switch magnet is affixed must be clean and dry to make sure that the adhesive has a sound base to adhere to. Use the cleaning wipe supplied for this purpose.

Street Scrambler from VIN AB9837 with Euro 5 engine ECM, Scrambler 900, Bonneville T100 from VIN AC5927 with Euro 5 engine ECM, Bonneville T120 from VIN AC6130 with Euro 5 engine ECM, Bonneville T120 Black from VIN AD0139 with Euro 5 engine ECM

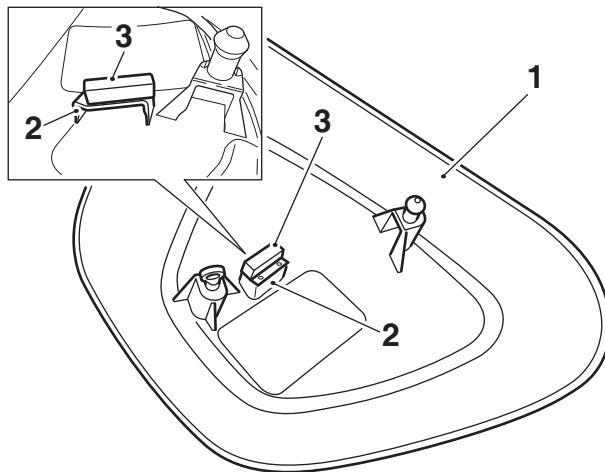
6. Place the left hand side panel on a clean non-abrasive surface and locate the reed-switch magnet mounting platform on the underside of the panel.



1. Left hand side panel
2. Mounting platform, reed-switch magnet

7. Peel off the backing strip from the adhesive pad on the reed-switch magnet.

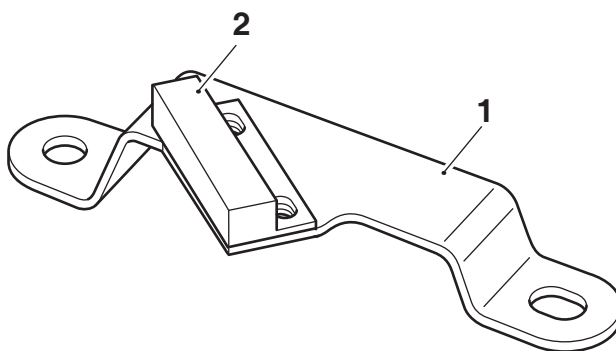
8. Position the reed-switch magnet on to the mounting platform on the underside of the left hand side panel making sure the rear of the magnet is aligned with the edge of the mounting platform as shown. Apply firm and even pressure to the magnet to make sure a good bond is achieved.



1. Left hand side panel
2. Mounting platform, reed-switch magnet
3. Reed-switch magnet

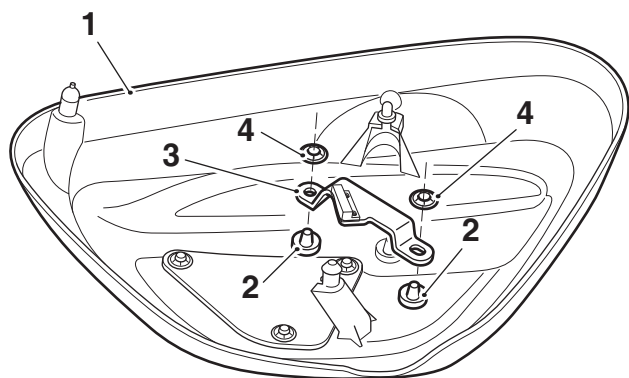
Street Twin from VIN AB9715 with Euro 5 engine ECM, Speed Twin 900

9. Place the left hand side panel on a clean non-abrasive surface.
10. Collect the reed-switch magnet from the kit.
11. Peel off the backing strip from the adhesive pad on the reed-switch magnet.
12. Fit the reed switch magnet on to the reed switch magnet bracket in the orientation shown.



1. Reed switch magnet bracket
2. Reed switch magnet

13. Fit the reed switch magnet bracket on to the left hand side panel mounting features, in the orientation shown. Make sure the mounting bracket makes contact with the bottom of the side panel mounting features. Secure the mounting bracket to the side panel with the retaining washers from the kit, pushing the retaining washers on to the side panel mounting features until they contact the mounting bracket.



- 1. Left hand side panel
- 2. Mounting features
- 3. Reed switch magnet bracket
- 4. Retaining washers

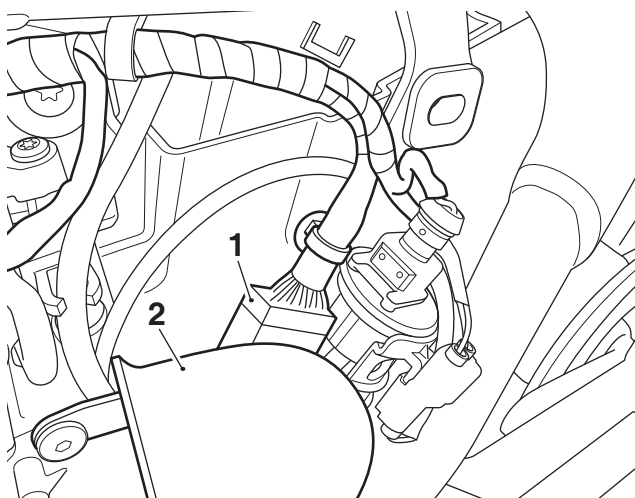
Alarm Unit Fitment

All Models

14. Locate the alarm connector on the main wiring harness located behind the air duct in the area under the left hand side panel.

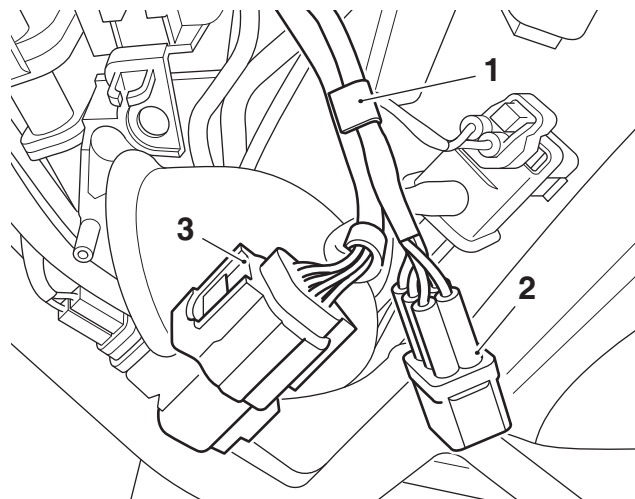
Note:

- The alarm connector is an unused black coloured terminal block. The shorting plug is the cover for this terminal block which is fitted with a double hoop of black cable.
- The shorting plug must be returned to DATATOOL along with the registration documentation.



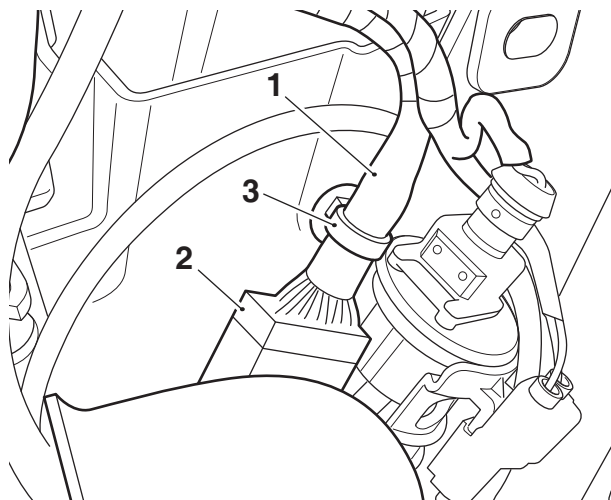
- 1. Alarm connector
- 2. Air duct

15. Remove the tape retaining the alarm connector and six-way connector (if fitted) to the main wiring harness.



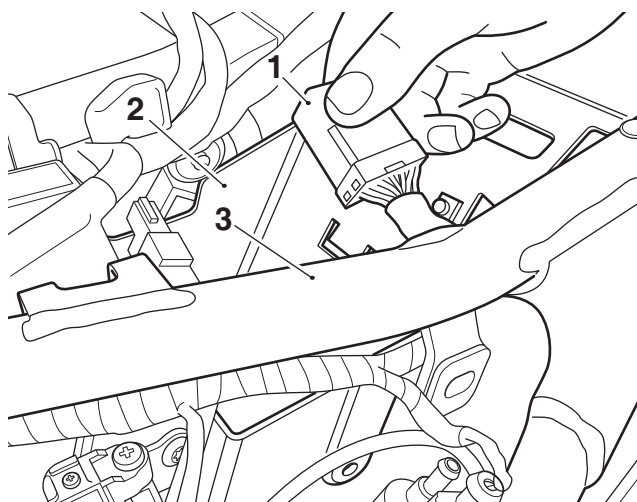
- 1. Tape
- 2. Six-way main wiring harness connector (if fitted)
- 3. Alarm connector

16. Remove the fir tree clip which retains the main wiring harness and alarm connector. Discard the fir-tree clip.



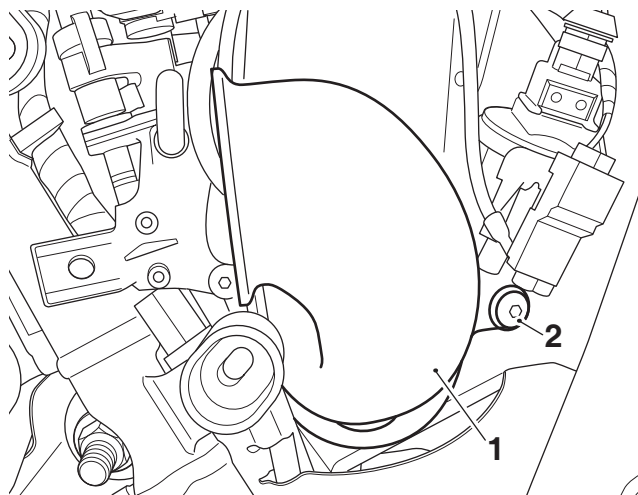
1. Main wiring harness
2. Alarm connector
3. Fir tree clip

17. Route the six-way main wiring harness connector (if fitted) and main wiring harness through the motorcycle frame to the under seat area of the battery tray.



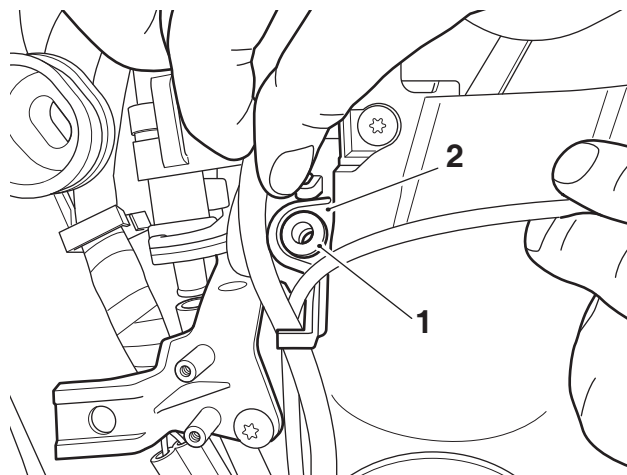
1. Six-way main wiring harness connector (if fitted)
2. Battery tray
3. Motorcycle frame

18. Remove the air duct and fixing. Retain the air duct and fixing for reuse.



1. Air duct
2. Fixing

19. Fit a well nut provided into the hole in the side panel front mounting bracket, as shown.



1. Well nut
2. Side panel front mounting bracket

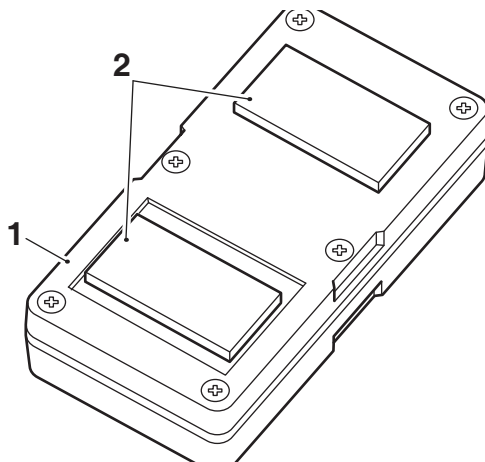


Caution

When fitting self-adhesive parts, care must be taken to make sure positioning is correct and accurate. Once the adhesive has been attached to the mounting surface, there is no satisfactory method of removal and re-positioning if incorrectly aligned. Initial bonding is instant, full bonding is achieved after 72 hours.

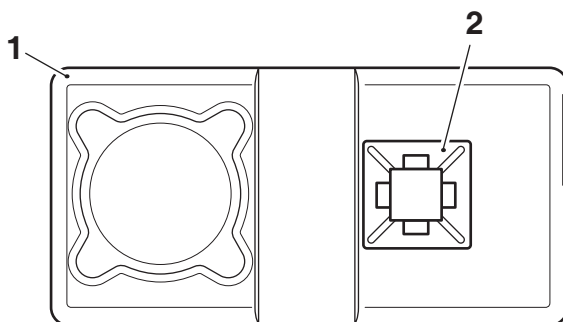
Note:

- Read the warning notices printed on the cleaning wipe packet in the fitting kit.
 - The surface to which the adhesive foam pads are affixed must be clean and dry to make sure that the adhesive has a sound base to adhere to. Use the cleaning wipe supplied for this purpose.
20. Collect the adhesive foam pads from the fitting kit. Fix the adhesive foam pads to the base of the alarm unit as shown.



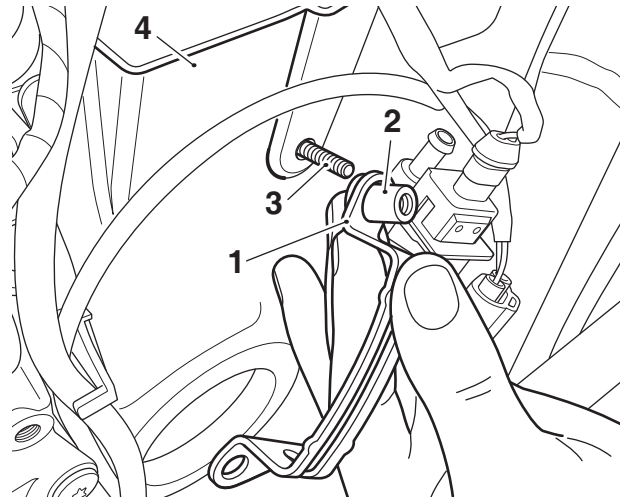
1. Alarm unit
2. Adhesive foam pads

21. Collect the cable tie holder from the kit and fix to the alarm unit in the orientation shown.



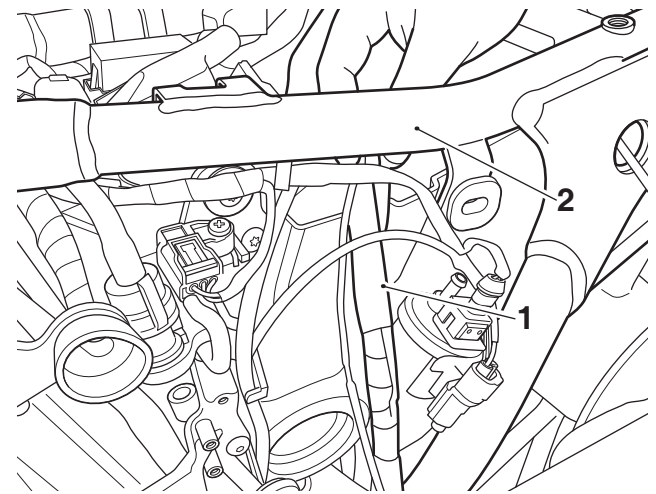
1. Alarm unit
2. Cable tie holder

22. Fit a well nut into the alarm bracket. Attach the alarm bracket loosely onto the battery tray moulding with the M5 x 20 mm screw from the kit. The M5 x 20 mm screw should be inserted from inside the battery tray moulding, through the hole from where the fir-tree clip was removed.



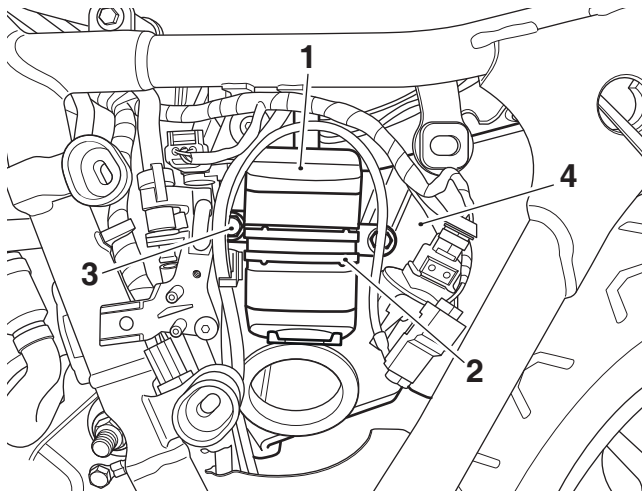
1. Alarm bracket
2. Well nut
3. Screw, M5 x 20 mm
4. Battery tray moulding

23. Route the alarm wiring harness through the frame into the under seat area of the battery tray, as shown.



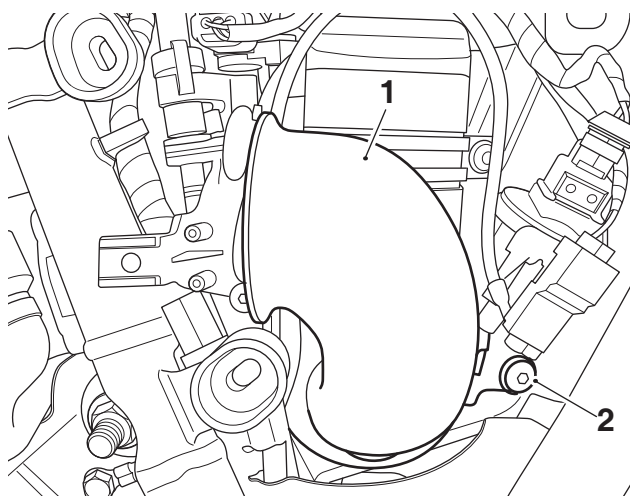
1. Alarm wiring harness
2. Motorcycle frame

24. Fit the alarm onto the battery tray moulding in the orientation shown below. Fit the alarm bracket over the alarm and fit the M5 x 16 mm screw provided to the bracket front fixing position.



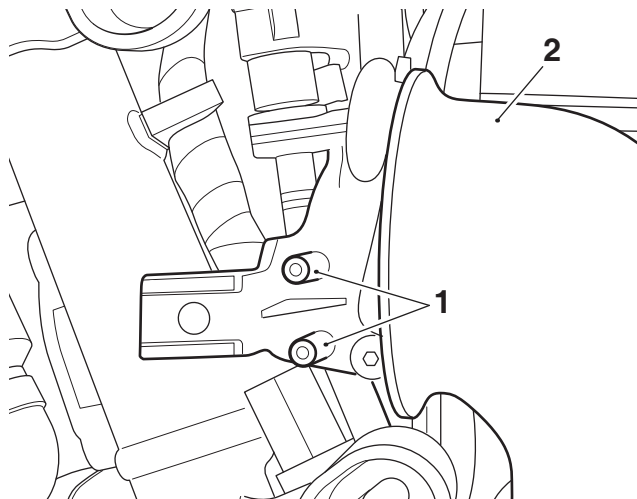
- 1. Alarm unit
- 2. Alarm bracket
- 3. Screw, M5 x 16 mm
- 4. Battery tray moulding

25. Tighten both alarm bracket fixings to **1.5 Nm**.
26. Refit the air duct and fixing. Tighten the fixing to **1.5 Nm**.



- 1. Air duct
- 2. Fixing

27. Locate the reed-switch mounting, to the left of the air duct, as shown.

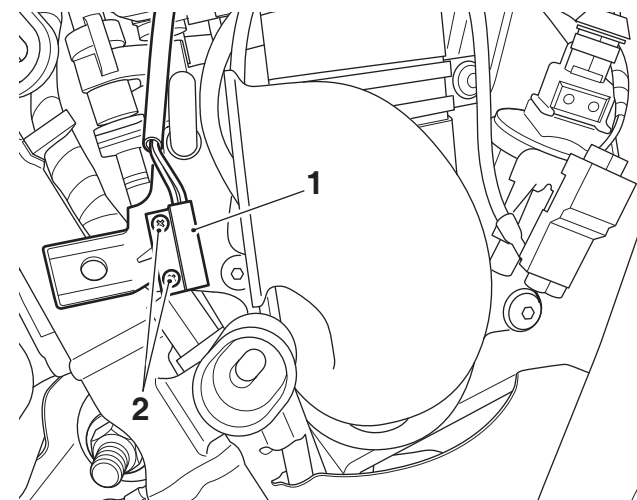


- 1. Mounting area, reed-switch
- 2. Air duct

Note:

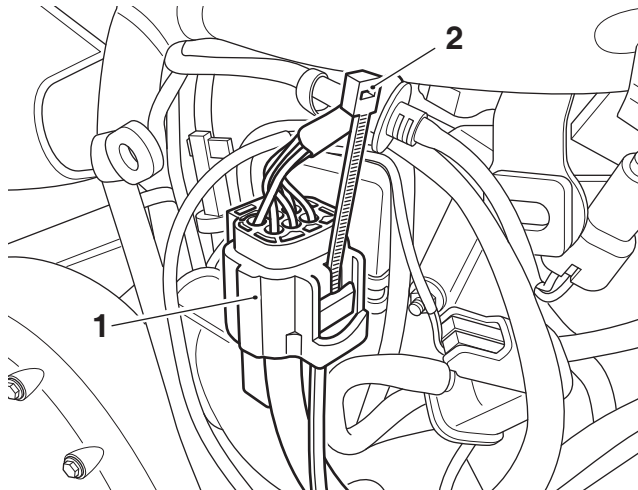
- Read the warning notices printed on the cleaning wipe packet in the fitting kit.
- The surface to which the adhesive foam pads are affixed must be clean and dry to make sure that the adhesive has a sound base to adhere to. Use the cleaning wipe supplied for this purpose.

28. Peel off the backing strip from the adhesive pad on the reed-switch. Align the reed-switch to the fixing holes, in the orientation shown. Apply firm and even pressure to the reed-switch to make sure a good bond is achieved. Secure using the self-tapping screws provided.



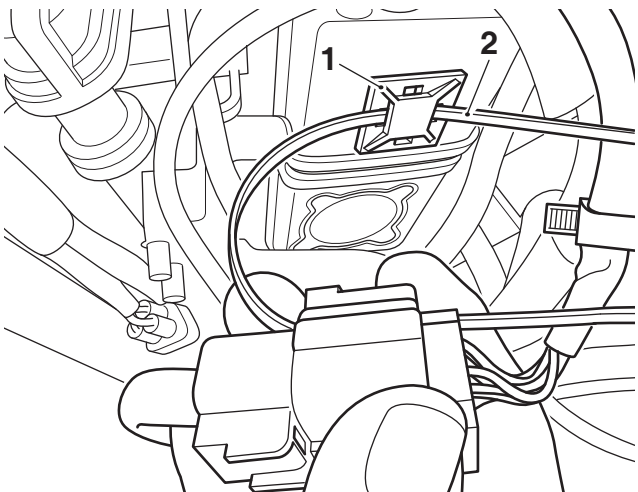
- 1. Reed-switch
- 2. Self-tapping screw

29. Route the reed-switch wiring harness behind the air duct.
30. Connect the alarm wiring harness connector to the main wiring harness eight-way connector.
31. Collect the cable tie from the kit and feed through the alarm wiring harness connector as shown.



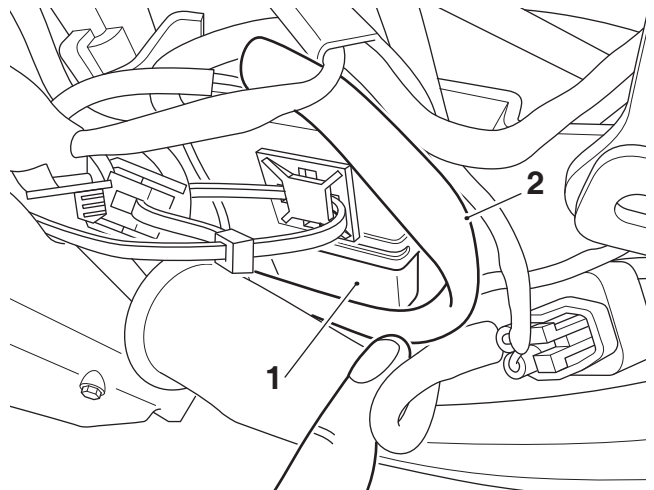
1. Alarm connector
2. Cable tie

32. Feed the cable tie through the cable tie holder as shown.



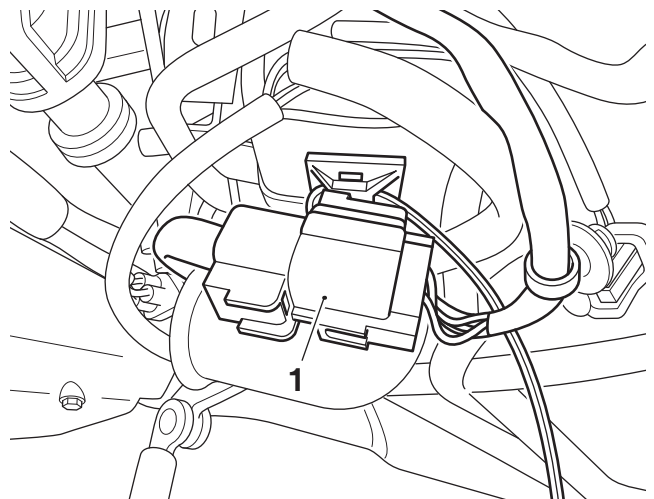
1. Cable tie holder
2. Cable tie

33. Route the alarm wiring harness to the right hand side of the alarm unit and behind the air duct.



1. Alarm unit
2. Alarm wiring harness

34. Tighten the cable tie making sure the alarm connector is aligned as shown below.



1. Alarm connector

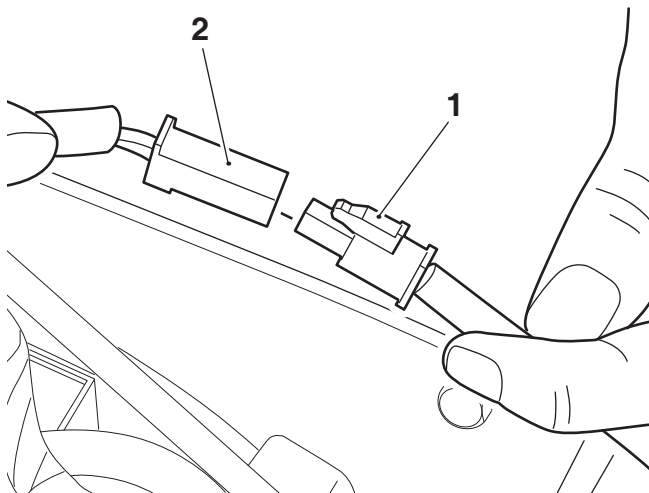


Warning

When cutting cable ties, always use the correct tools and personal protection equipment. Failure to use these may result in personal injury.

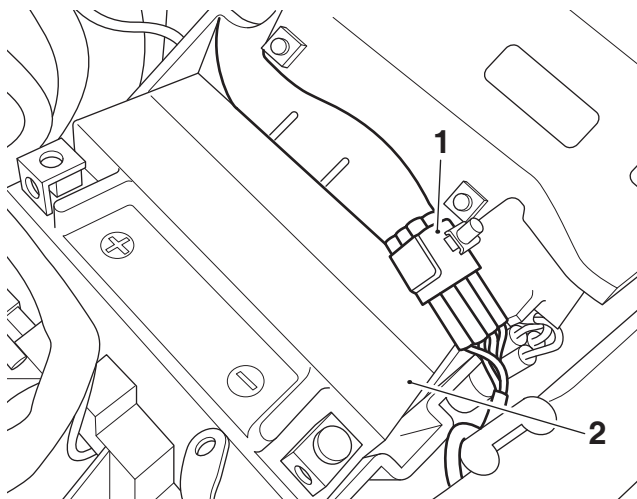
35. Trim off any excess cable tie.

36. Connect the reed-switch wiring to the alarm wiring harness.



1. Reed-switch wiring connector
2. Alarm wiring connector

37. Route the reed-switch wiring neatly behind the air duct.
38. Place the main wiring harness six-way connector (if fitted) on top of the battery as shown.



1. Six-way main wiring harness connector (if fitted)
2. Battery

Street Twin from VIN AB9715 with Euro 5 engine ECM, Speed Twin 900, Street Scrambler from VIN AB9837 with Euro 5 engine ECM, Scrambler 900

39. Refit the engine ECM as described in the Service Manual using the two M6 x 27 mm fixings from the kit. Tighten to **10 Nm**.

Bonneville T100 from VIN AC5927 with Euro 5 engine ECM, Bonneville T120 from VIN AC6130 with Euro 5 engine ECM, Bonneville T120 Black from VIN AD0139 with Euro 5 engine ECM

40. Refit the engine ECM as described in the Service Manual using the two M6 x 20 mm fixings from the kit. Tighten to **10 Nm**.

All Modes

41. Reconnect the battery, positive (red) lead first.
42. Replace the left hand side panel.
43. Refit the seat, as described in the Service Manual.
44. Complete the certificate supplied with the alarm kit and return to the customer. The certificate of installation must be retained by the customer as proof of alarm fitment.

Note:

- **The alarm is protected by fuse number 1 (10 Amp.) in the motorcycle fuse box.**

Post Installation Checks

Check all the functions of the alarm, as described in the User Guide.

The checks and adjustments will reduce the possibility of false alarm activation.

Installation Certificate

The installation certificate is issued by the Triumph dealer and can be used as certification for UK insurance policies. Dealer to visit the English language website: www.TriumphProtectPlus.com

The dealer should click the link to 'Apply for Dealer Access' the first time visiting the website.

The installation certificate will be emailed to the customer. The certificate must be retained by the customer as proof of alarm fitment.



Warning

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

The presence of accessories will cause changes in the stability and handling of the motorcycle. Failure to allow for changes in motorcycle stability may result in loss of motorcycle control and an accident.

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