



Accessory Fitting Instructions

Alarm/Immobiliser Kit	
Kit Number	Models Affected
A9808119	Thruxton 1200, Thruxton 1200 R, Thruxton TFC, Speed Twin up to VIN AE3665 with Euro 4 engine ECM (see below)
A9800100	Thruxton RS, Speed Twin from VIN AE2311 with Euro 5 engine ECM (see below)
Alarm Fitting Kit	
Kit Number	Models Affected
A9808130	Thruxton RS Speed Twin from VIN AE2311 with Euro 5 engine ECM (see below)

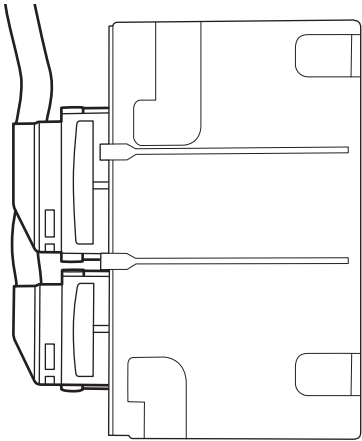
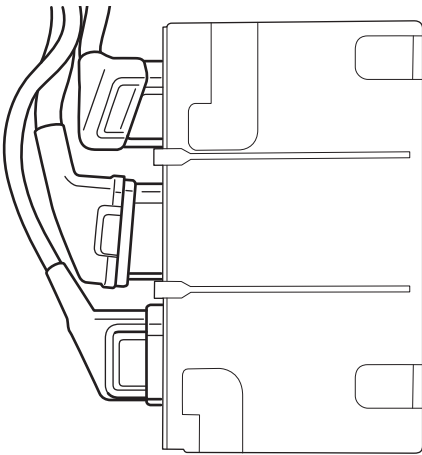
Thank you for choosing this Triumph genuine accessory kit. This accessory kit is the product of Triumph's use of proven engineering, exhaustive testing, and continuous striving for superior reliability, safety and performance.

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.

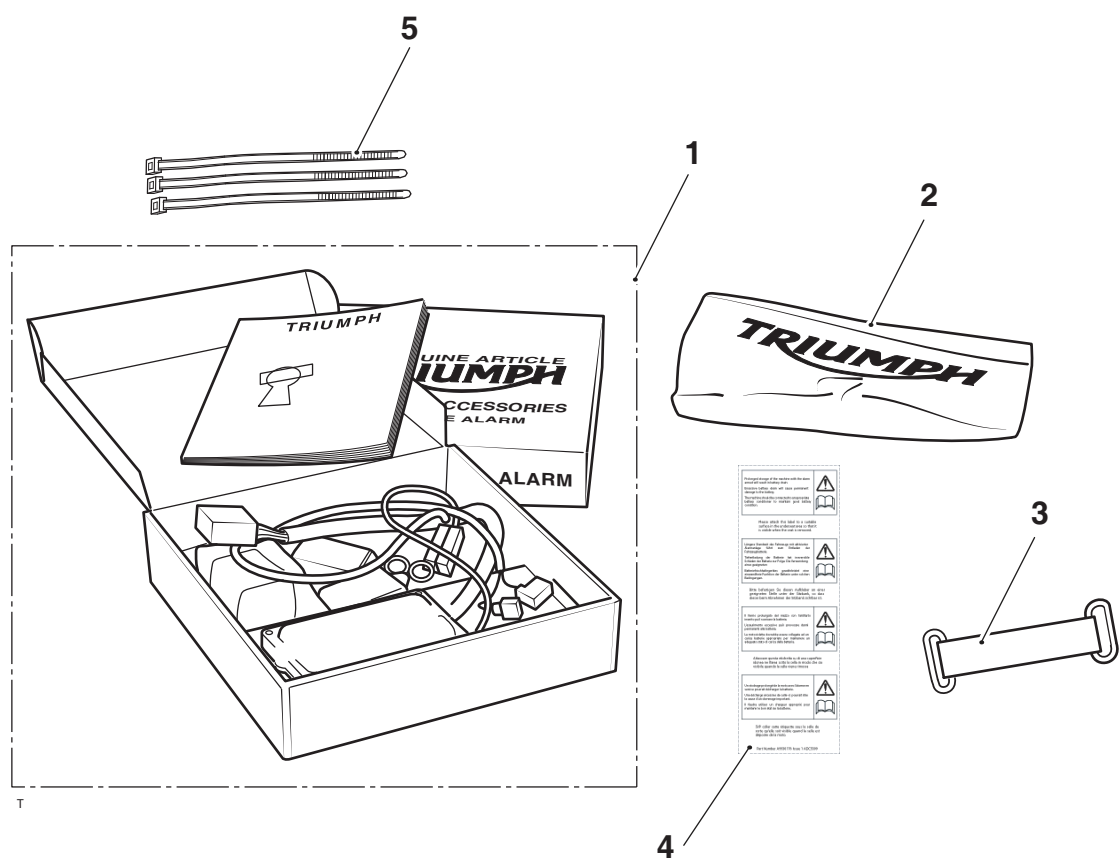
These instructions should be considered a permanent part of your accessory kit, and should remain with it even if your accessory equipped motorcycle is subsequently sold.

Note:

- The engine ECM is located under the seat.

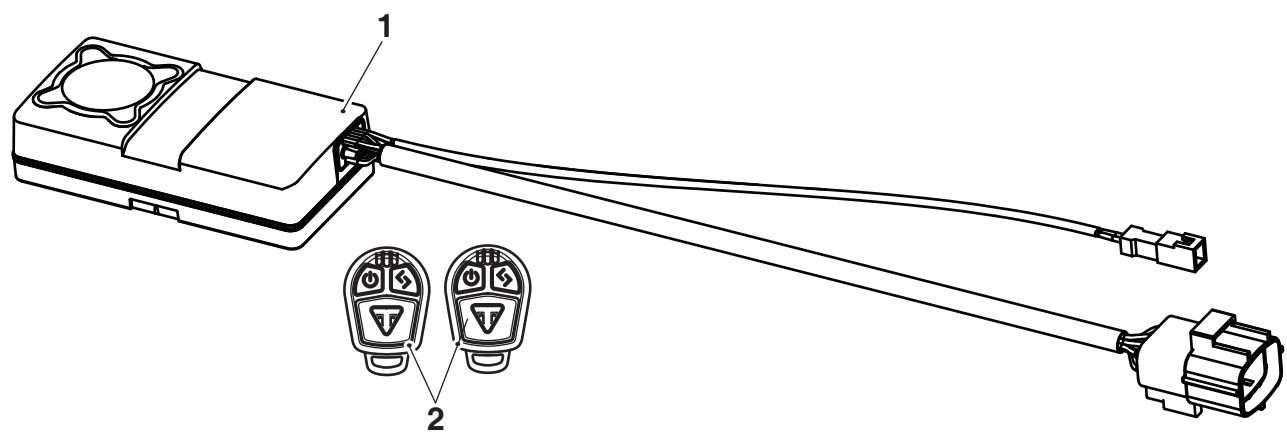
Engine ECM Identification	
Euro 4 ECM	Euro 5 ECM
	
Two connectors	Three connectors

Parts Supplied: A9808119



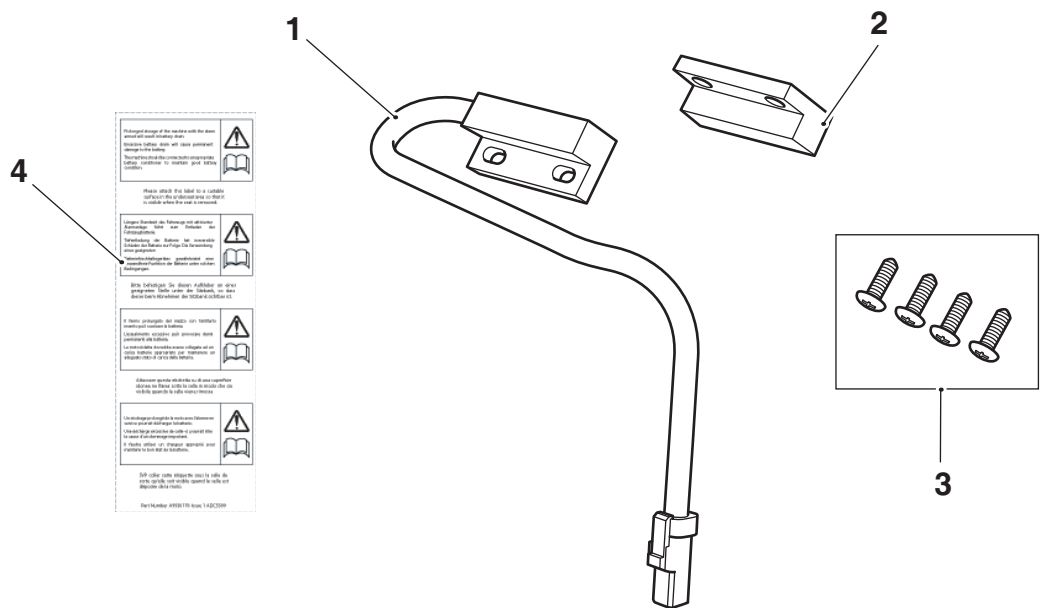
1. Alarm/immobiliser kit	1 off	4. Battery drainage label	1 off
2. Fitting kit	1 off	5. Cable tie	3 off
3. Rubber strap	1 off		

Parts Supplied: A9800100



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

Parts Supplied: A9808130



1. Reed-switch	1 off	3. Self-tapping screws	4 off
2. Reed-switch magnet	1 off	4. Battery Drainage label	1 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:

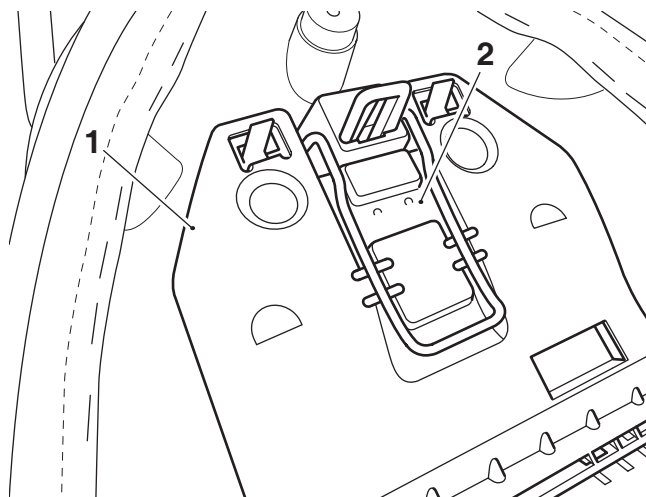
- Power supply voltage range - 12 volt DC negative earth.
- System current consumption <2.5 mA in armed condition.
- Once the Alarm/Immobiliser has been fitted, it will become an integral part of the motorcycle and cannot be removed.
- Completely read all of the instructions before commencing the installation and set up of the accessory kit in order to become thoroughly familiar with the kit's features and the installation process.
- A suitable heat gun is required to fit this kit.
- Prior to installation, record the serial number from the underside of the alarm unit on the alarm installation certificate.

1. Remove the seat, as described in the Service Manual.
2. Disconnect the battery, as described in the Service Manual.

Reed-Switch Magnet Fitment

Note:

- The instruction shows the reed-switch magnet fitment for the single seat, however the procedure is the same for dual seats.
3. Place the seat on a clean non-abrasive surface and locate the reed-switch magnet mounting area on the underside of the seat.



1. Seat base
2. Reed-switch magnet mounting area



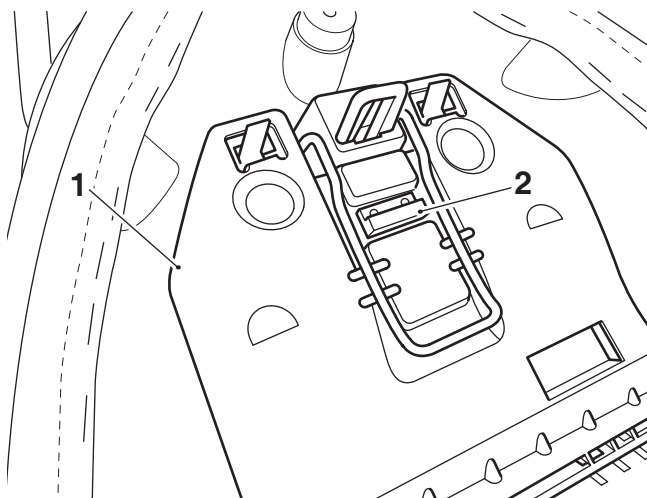
Caution

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 if 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 if supplied for this purpose.
4. Peel off the backing strip from the adhesive pad on the reed-switch magnet.

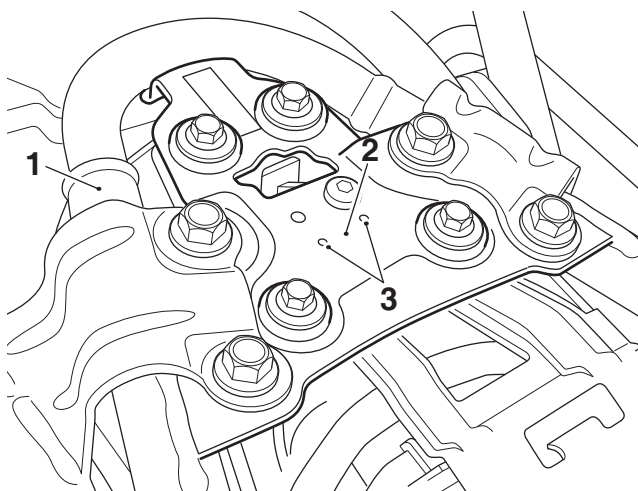
5. Align the reed-switch magnet to the fixing holes on the underside of the seat, in the orientation shown. Apply firm and even pressure to the magnet to make sure a good bond is achieved. Secure using the self-tapping screws provided.



1. Seat base
2. Reed-switch magnet

Reed-Switch Fitment

6. Locate the reed-switch mounting area on the motorcycle frame. Note the pre-drilled reed-switch fixing holes.



1. Motorcycle frame
2. Reed-switch mounting area
3. Pre-drilled holes

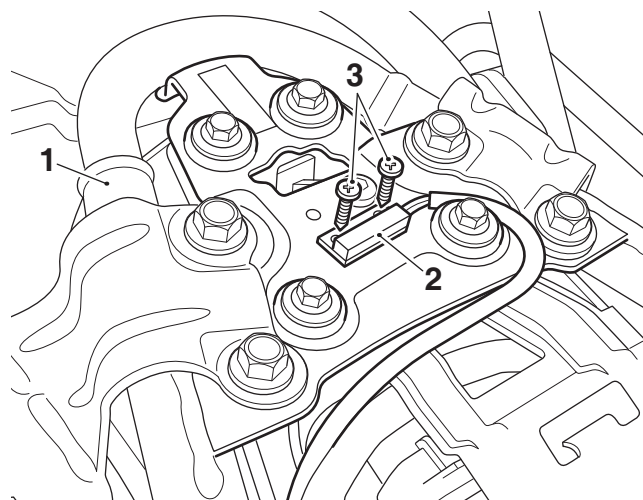


Caution

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.

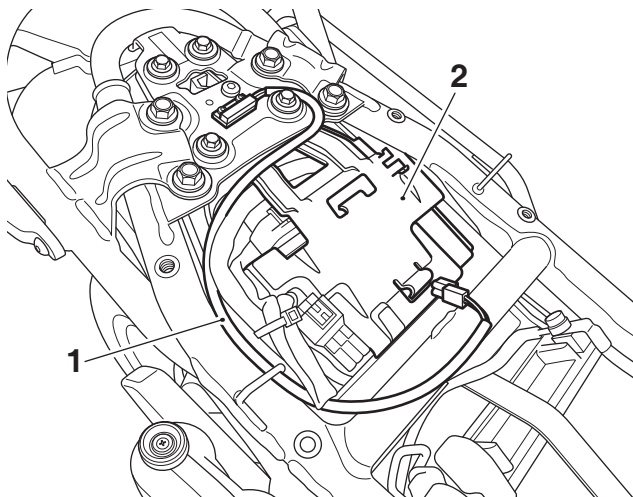
Note:

- Read the warning notices printed on the cleaning wipe packet if in the fitting kit.
 - The surface to which the reed-switch is affixed must be clean and dry to make sure that the adhesive has a sound base to adhere to. Use the cleaning wipe if supplied for this purpose.
7. Peel off the backing strip from the adhesive pad on the reed-switch.
 8. Attach the reed-switch to the motorcycle frame, aligning 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. Motorcycle frame
2. Reed-switch
3. Self-tapping screws

9. Route the reed-switch harness along the right hand side of the engine ECM bracket.

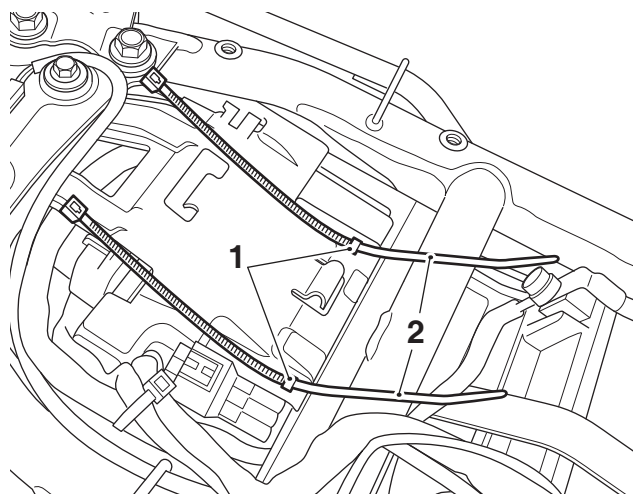


1. Reed-switch harness
2. Engine ECM bracket

Alarm/Immobiliser Unit Fitment

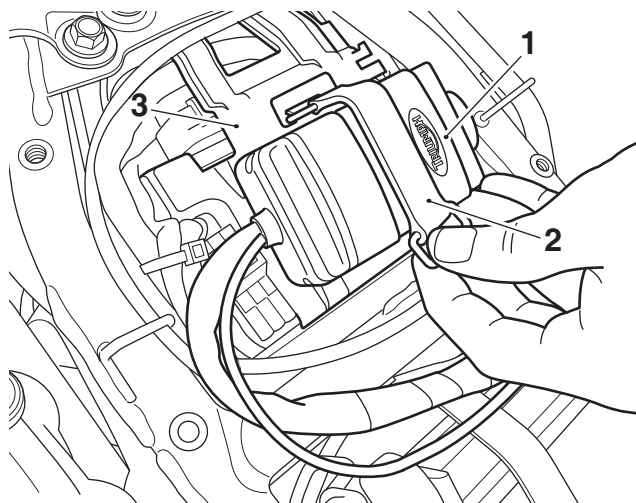
Thruxton 1200, Thruxton 1200 R, Thruxton TFC Models Only

10. Fit the two cable ties to the slotted profiles at the front of the engine ECM bracket, as shown.



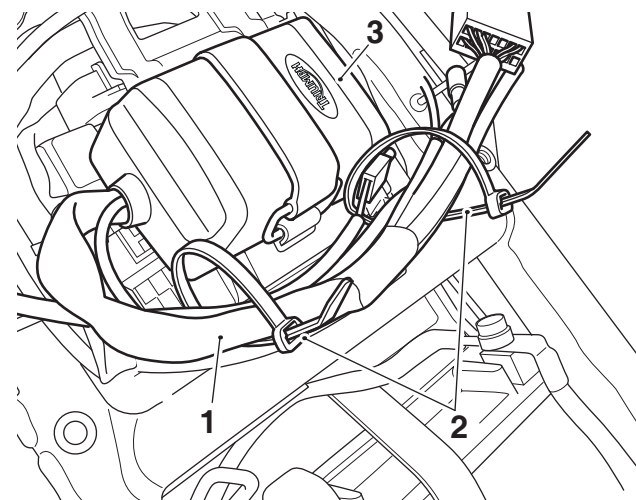
1. Slotted profile, engine ECM bracket
2. Cable tie

11. Fit the alarm unit on to the engine ECM bracket in the orientation shown below making sure that the wiring harness exits the alarm unit at the right hand side of the motorcycle. Secure the alarm unit to the engine ECM bracket using the rubber strap provided.



1. Alarm unit
2. Rubber strap
3. Engine ECM bracket

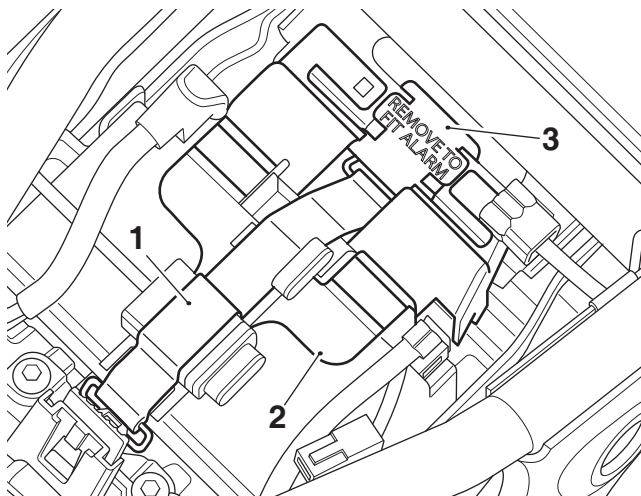
12. Route the alarm wiring harness along the front of the alarm unit towards the left hand side of the motorcycle and loosely secure the wiring harness with the two cable ties, as shown.



1. Alarm wiring harness
2. Cable ties
3. Alarm unit

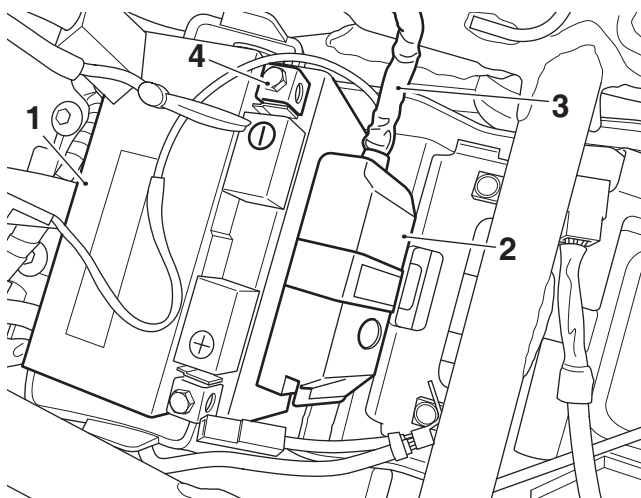
Speed Twin, Thruxton RS Models Only

13. Unhook the battery strap and remove the battery cover and plastic blanking plate. Retain the battery strap and battery cover for reuse. Discard the plastic blanking plate.



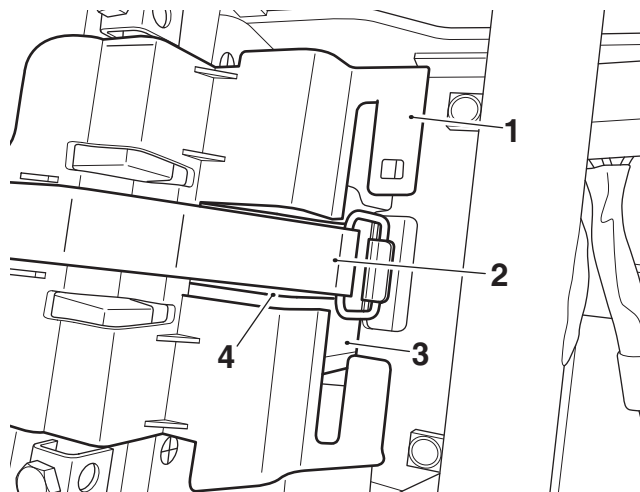
1. Battery strap
2. Battery cover
3. Plastic blanking plate

14. Position the alarm unit against the battery in the orientation shown with the alarm harness on the negative terminal side of the battery.



1. Battery
2. Alarm unit
3. Alarm wiring harness
4. Battery negative terminal

15. Refit the battery cover and battery strap making sure the battery strap is located in the recess in the alarm unit as shown.



1. Battery cover
2. Battery strap
3. Alarm unit
4. Alarm unit recess

All Models

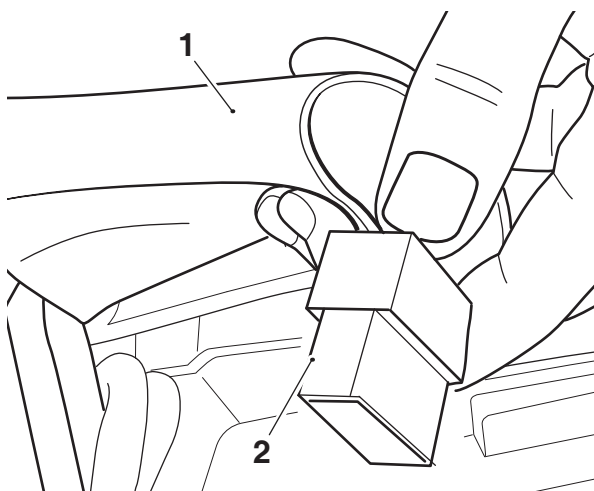
16. Locate the alarm connector on the main wiring harness which is situated on the left hand side of the motorcycle next to the battery.

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.

Thruxton 1200, Thruxton 1200 R, Thruxton TFC Models Only

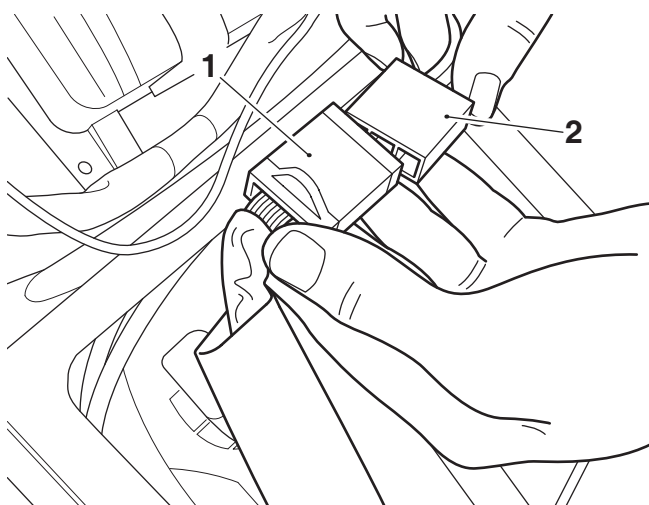
17. Slide the heat shrink sleeve on to the main wiring harness, far enough to still allow access to the alarm connector.



1. Heat shrink sleeve
2. Alarm connector

All Models

18. Connect the alarm/immobiliser wiring connector to the main wiring harness alarm connector.



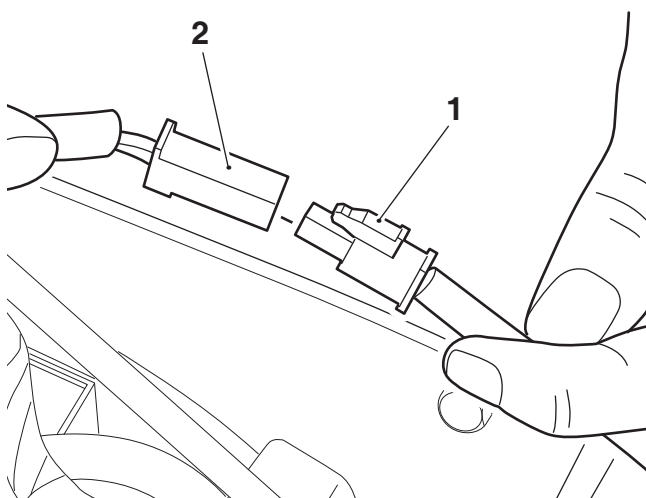
1. Main harness alarm connector
2. Alarm/immobiliser wiring connector

Thruxton 1200, Thruxton 1200 R, Thruxton TFC Models Only

19. Slide the heat shrink sleeve over the alarm/main harness connection. Do not apply any heat to the heat shrink at this stage.

All Models

20. Connect the reed-switch wiring to the alarm/immobiliser wiring harness.



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

21. Reconnect the battery, as described in the Service Manual.

Speed Twin up to VIN AE3665 with Euro 4 engine ECM, Thruxton 1200, Thruxton 1200 R, Thruxton TFC Models Only

22. Replace the seat and check all the functions of the alarm, as detailed on page 10 of this instruction.

Speed Twin from VIN AE2311 with Euro 5 engine ECM, Thruxton RS Models Only

23. Replace the seat and check all the functions of the alarm, as detailed in the User Guide.

All Models

24. Remove the seat, as described in the Service Manual.



Warning

To prevent the risk of damage to the battery and any subsequent damage to electrical components, make sure that the battery is removed from the motorcycle prior to the use of the heat gun.

Failure to observe the above warnings may lead to electrical damage and a fire hazard which could cause personal injury.

25. Disconnect the battery, as described in the Service Manual.



Warning

The air from a heat gun, and the heat gun itself, are very hot. Wear suitable protective gloves and do not point the heat gun at any part of your body as serious burns may result.



Caution

When fitting the heat shrink tubing, take care not to burn any part of the wiring harness or serious damage will result to the cable. Excessive heat will also cause the tubing to become brittle, rendering it useless.

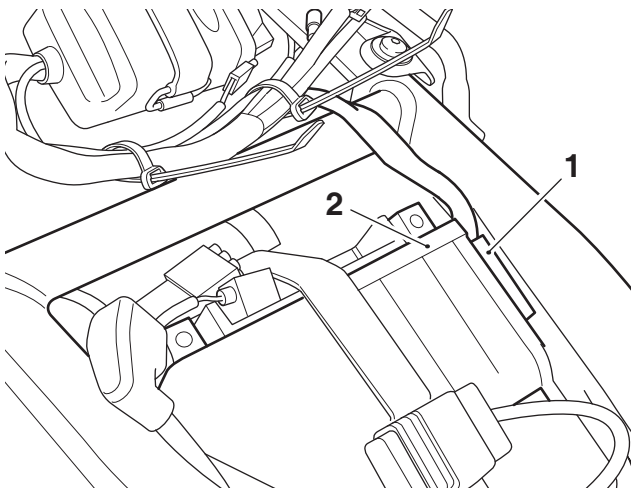
Thruxton 1200, Thruxton 1200 R, Thruxton TFC Models Only

Note:

- When satisfied that the alarm/immobiliser is functioning correctly, the connection between the alarm/immobiliser unit and the main wiring harness must be made secure and tamper proof with the heat shrink sleeve.
26. Using a heat gun, shrink the heat shrink tubing to insulate the alarm connection.

All Models

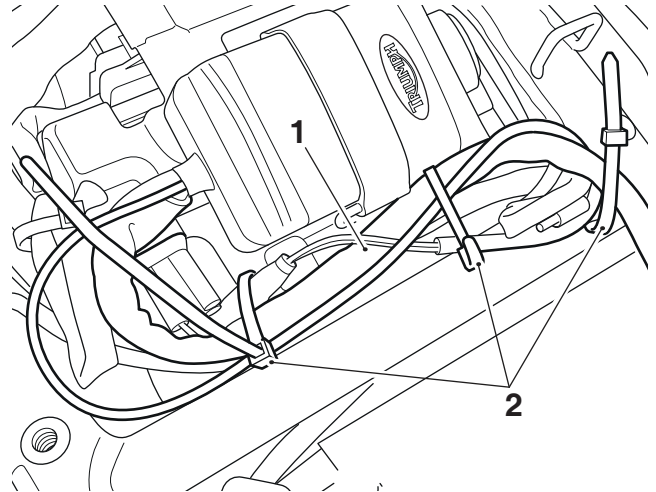
27. Position the alarm connection under the frame on the left hand side of the battery.



1. Alarm connection
2. Battery

Thruxton 1200, Thruxton 1200 R, Thruxton TFC Models Only

28. Make sure all alarm/immobiliser wiring is secured tidily with the two cable ties fitted to the engine ECM bracket and a cable tie around the rear sub frame, as shown.



1. Alarm/immobiliser wiring
2. Cable tie



Warning

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

29. Trim off any excess cable tie material.

All Models

30. Reconnect the battery, positive (red) lead first and tighten the battery terminals to **4.5 Nm**.

Note:

- **The latest instrument calibration must be downloaded to the instrument assembly using the Triumph Diagnostic Tool. The latest version of the Triumph Diagnostic Tool software can be found on the 'Triumph On line' dealer website.**
31. Connect the Triumph diagnostic tool and download the latest instrument calibration to the instrument assembly following the procedure listed on the 'Triumph On Line' dealer website.
 32. Refit the seat, as described in the Service Manual.
 33. 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:

- **For Thruxton 1200, Thruxton 1200 R, Thruxton TFC and Speed Twin Models the alarm/immobiliser is protected by fuse number 1 (10 Amp.) in the motorcycle fuse box.**
- **For Thruxton RS Models the alarm/immobiliser is protected by fuse number 6 (15 Amp.) in the motorcycle fuse box.**

Thruxton 1200, Thruxton 1200 R, Thruxton TFC and Speed Twin up to VIN AE3665 with Euro 4 engine ECM Models Only

Post Installation Checks

- The alarm is supplied to the dealer set in winter mode. Turn ON the ignition to activate the alarm system. As the alarm activates it will emit a series of beeps before triggering.
- Turn OFF the ignition and disarm the alarm with one of the remote transmitters.
- Check both alarm transmitters supplied for correct operation by arming and disarming the alarm a few times.
- Check that the motorcycle electrical components (lights, horn, etc.) function correctly.
- The alarm must be tested for correct operation and functionality. Any necessary adjustments can be carried out via the alarm software switches. A Personal Identification Number is required to make adjustments to the alarm software. Refer to the operating instructions provided to set a PIN. Inform the customer of any PIN set.
- Check the operation of the movement sensor. Adjust if necessary at software switch 4.
- Check the operation of the nudge sensor. Adjust if necessary at software switch 5.
- Check the operation of the proactive trigger switch.
- Check the operation of the alarm LED.

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

Alarm Contents List

1. Alarm unit	1 off
2. Transmitter	2 off
3. S4 user guide	1 off
4. Quick reference guide	1 off
5. Certificate of installation	1 off

Fitting Kit Contents

1. Adhesive backed reed-switch	1 off
2. Adhesive backed magnet	1 off
3. M3 x 11.5 mm self-tapping screw	4 off
4. Heat shrink tubing	1 off
5. Isopropanol wipe	1 off
6. Lanyard	1 off

Note:

- It is a Thatcham requirement that the MIRRC evaluation number is also shown on the certificate of the installation supplied to the customer. This evaluation number varies from Triumph model to model, dependent upon the fitting kit used.
- Write the relevant MIRRC evaluation number as indicated below onto the certificate of the installation, next to the alarm serial number.

Triumph Kit part number	Model	MIRRC Evaluation Number
A9808119	Thruxton 1200, Thruxton 1200 R, Speed Twin	TMC1-314/0609

Thruxton RS, Speed Twin from VIN AE2311 with Euro 5 engine ECM Models Only

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 lead to loss of control or 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

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.