



## Accessory Fitting Instructions

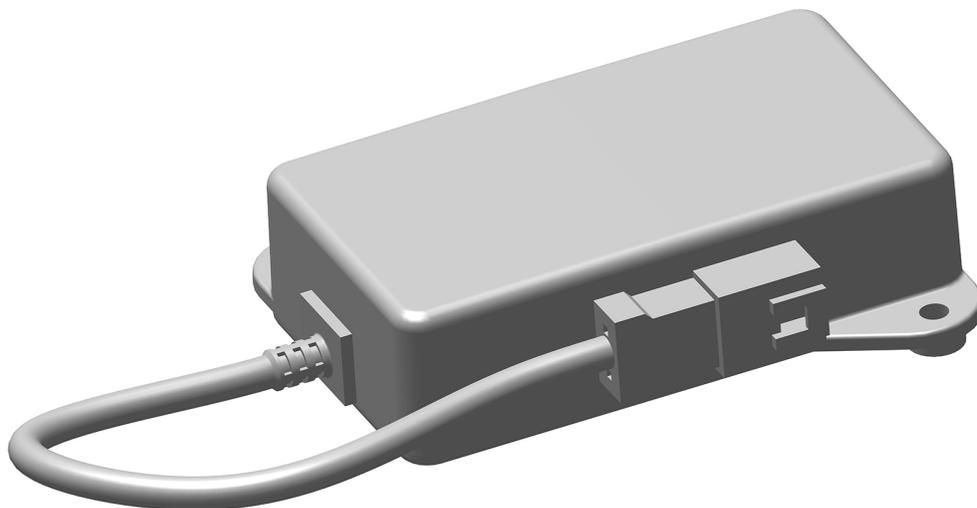
Thank you for choosing this Triumph genuine accessory kit. This accessory kit is the product of Triumph's use of proven engineering, exhaustive testing, and continuous striving for superior reliability, safety and performance.

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.

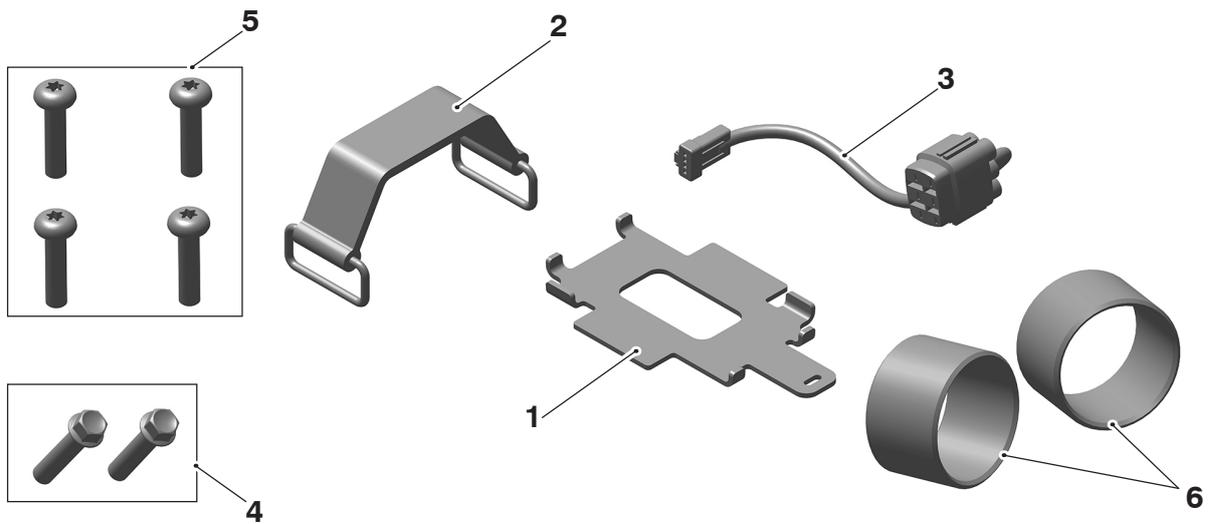
My Triumph Connectivity Module	
Kit Number	Models
<b>Connectivity Module</b>	
A9820200	Scrambler 1200 XC, Scrambler 1200 XE, Scrambler 1200 X
<b>Fitting Kit</b>	
A9828055	Scrambler 1200 XC, Scrambler 1200 XE to VIN BN8495
A9828070, A9828069	Scrambler 1200 XE from VIN BP0885, Scrambler 1200 X

**Parts Supplied: A9820200**



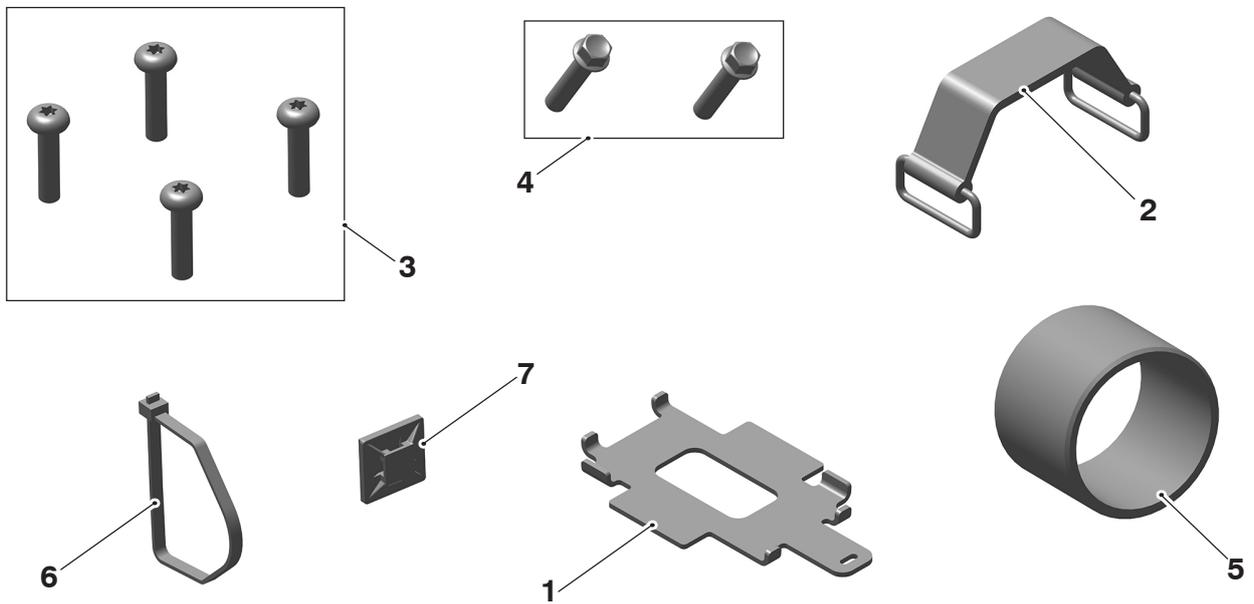
1. Connectivity module	1 off
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**Parts Supplied: A9828055**



1. Mounting bracket	1 off	4. Fixing, M6 x 28 mm	2 off
2. Retaining strap	1 off	5. Fixing, M6 x 25 mm	4 off
3. Subharness	1 off	6. Exhaust gasket	2 off

**Parts Supplied: A9828070, A9828069**



1. Mounting bracket	1 off	5. Exhaust gasket	1 off
2. Retaining strap	1 off	6. Cable tie	1 off
3. Fixing, M6 x 25 mm	4 off	7. Cable tie holder	1 off
4. Fixing, M6 x 28 mm	2 off	8. Cleaning wipe (not shown)	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.

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 authorised 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 stabilised 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.

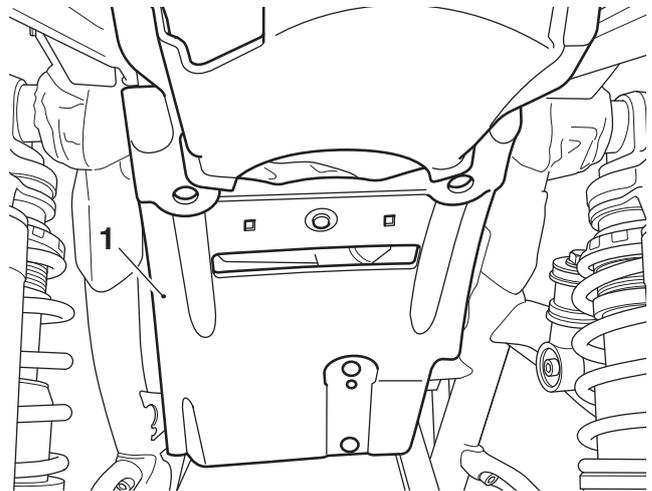
We cannot therefore cover all possible equipment variations in these instructions. For removal and installation of Triumph Genuine Accessories, always refer to the instructions supplied with the respective accessory kit.

To obtain additional copies of any Triumph accessory instructions, visit [www.triumphinstructions.com](http://www.triumphinstructions.com) or contact your authorised Triumph dealer.

## **Installation of the Connectivity Module**

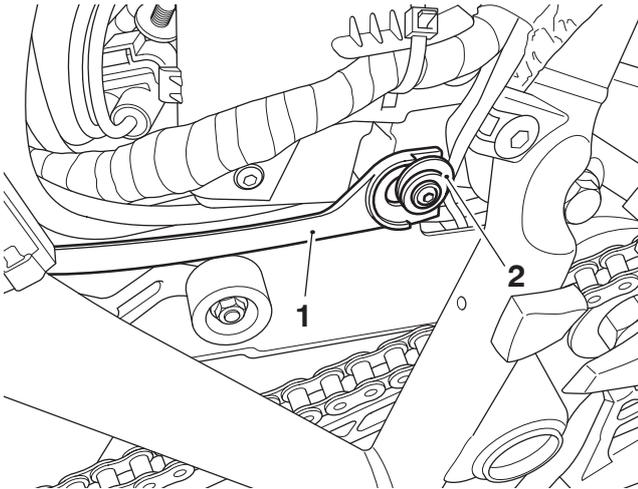
### **All models**

1. Remove the seat, as described in the Service Manual.
2. Remove the seat underseat moulding, as described in the Service Manual.
3. Disconnect and remove the battery, as described in the Service Manual.
4. Remove the rear mudguard assembly, as described in the Service Manual.
5. Remove the silencer, as described in the Service Manual. Discard the gasket.
6. Remove the left hand and right hand side panels, as described in the Service Manual.
7. Lower the mudguard tray.



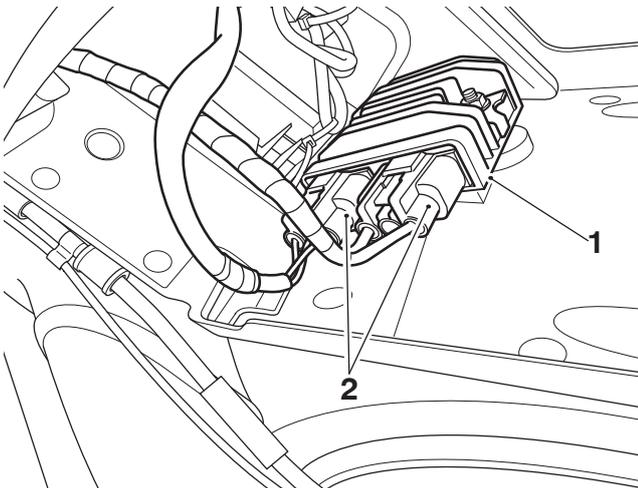
**1. Mudguard tray**

8. Disengage the front of the mudguard tray from the grommets on the motorcycle frame.



1. Mudguard tray, right hand side shown  
2. Grommet, right hand side shown

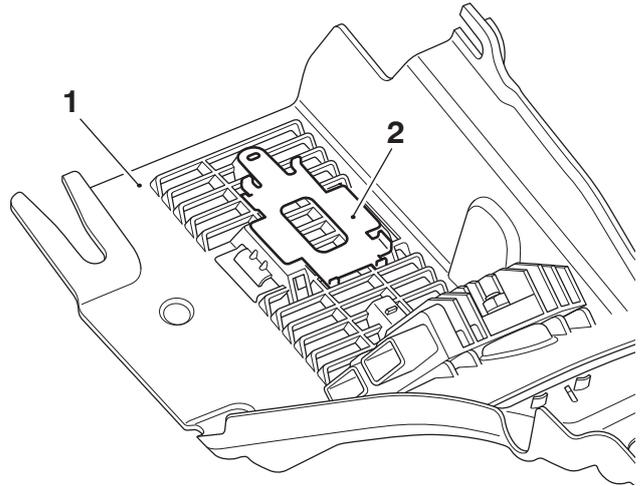
9. Release the locking tabs and disconnect both electrical connectors from the regulator / rectifier.



1. Regulator/rectifier  
2. Main wiring harness connections

10. Remove the cable tie retaining the main harness connector to the mudguard tray. Remove the mudguard tray.

11. Fit the mounting bracket from the kit on to the mudguard tray in the orientation shown.



1. Mudguard tray  
2. Mounting bracket

**For Scrambler 1200 XE from VIN BP0885 and Scrambler 1200 X only**

### ⚠ CAUTION

When fitting self-adhesive parts care must be taken to make sure positioning is correct and accurate.

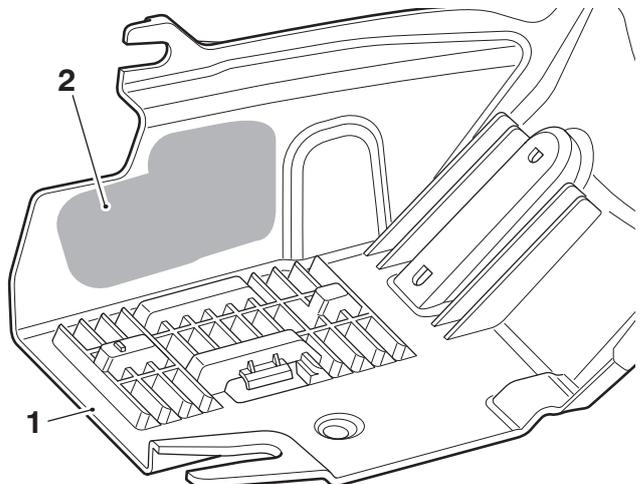
Once the adhesive has been attached to the mounting surface, there is no satisfactory method of removal and re-positioning if incorrectly aligned.

Initial bonding is instant, full bonding is achieved after 72 hours.

### NOTICE

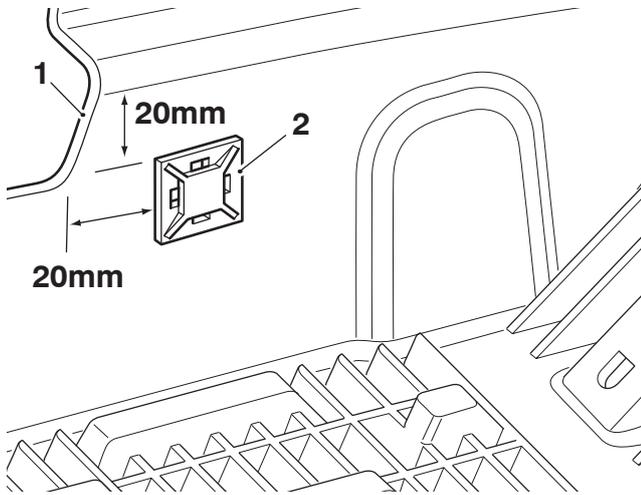
Read the warning notices printed on the cleaning wipe packet in the fitting kit.

12. Using the cleaning wipe clean the area of the mudguard tray, as shown below.



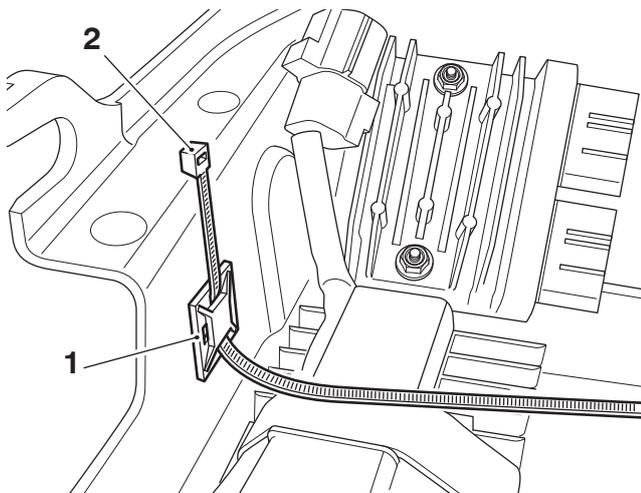
1. Mudguard tray  
2. Cleaning area

13. Peel off the backing strip from the adhesive pad on the cable tie holder.
14. Attach the cable tie holder to the mudguard tray in the position and orientation shown below. Apply firm and even pressure to the cable tie holder to make sure a good bond is achieved.



1. Mudguard tray
2. Cable tie holder

15. Collect the cable tie from the kit and feed through the cable tie holder as shown.

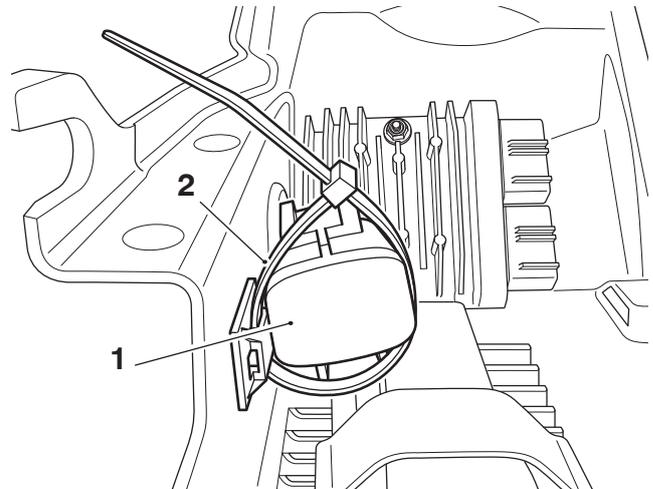


1. Cable tie holder
2. Cable tie

**CAUTION**

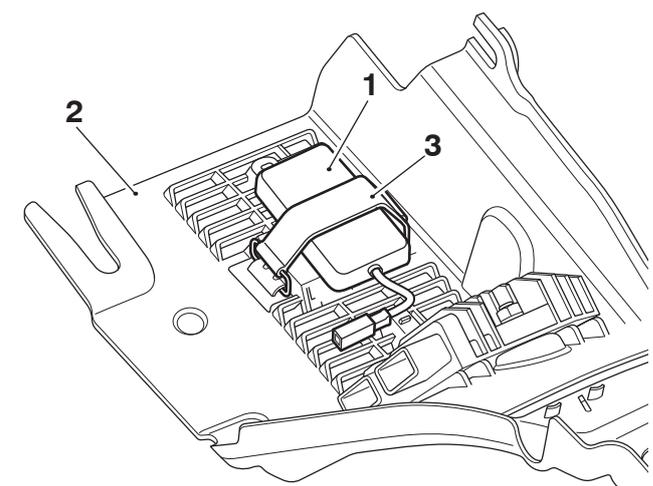
When cutting cable ties, always use the correct tools and personal protection equipment. Failure to use these may result in minor to moderate injury.

16. Fit the cable tie around the subharness eight way connector with the connector facing towards the front of the mudguard tray, as shown. Tighten the cable tie and snip off any excess.



1. Subharness connector
2. Cable tie

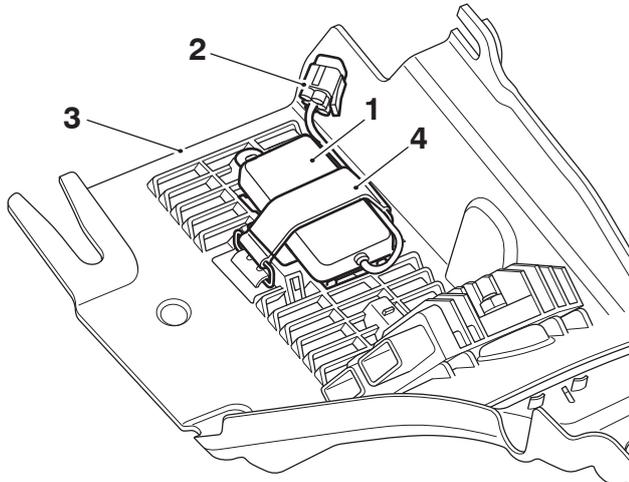
17. Place the connectivity module on the mounting bracket in the orientation shown.



1. Connectivity module
2. Mudguard tray
3. Rubber strap

For Scrambler 1200 XC, Scrambler 1200 XE to VIN BN8495

18. Place the connectivity module on to the mounting bracket in the orientation shown. Route the subharness around the right hand side, rear and left hand side of the connectivity module, as shown. Fit the rubber strap from the fitting kit to retain the connectivity module and subharness to the mudguard tray.



1. Connectivity module
2. Subharness
3. Mudguard tray
4. Rubber strap

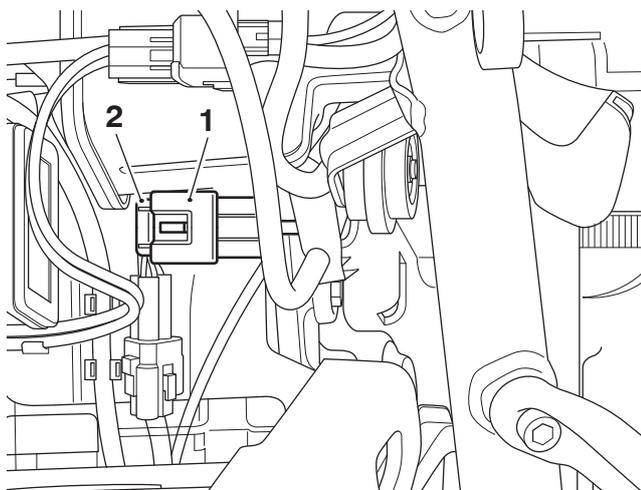
### Connecting the module

**For Scrambler 1200 XC, Scrambler 1200 XE to VIN BN8495**

1. Connect the connectivity module subharness connector to the main wiring harness connectivity module connector.

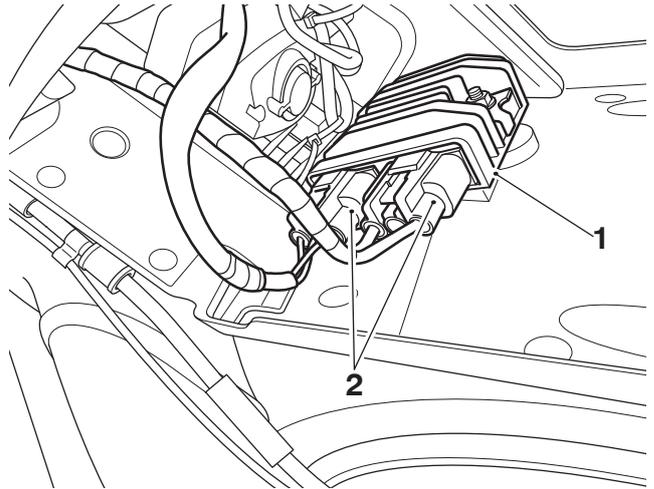
#### All models

2. Remove the blanking plug from the connectivity module connector and fit the connectivity module.



1. Connectivity module connector, main wiring harness
2. Blanking plug

3. Reconnect the main wiring harness regulator/rectifier connectors to the regulator/rectifier.



1. Regulator/rectifier
2. Main wiring harness connectors

### NOTICE

A wiring harness which becomes trapped or kinked during installation, or motorcycle operation, may result in wiring harness damage and electrical malfunctions.

### NOTICE

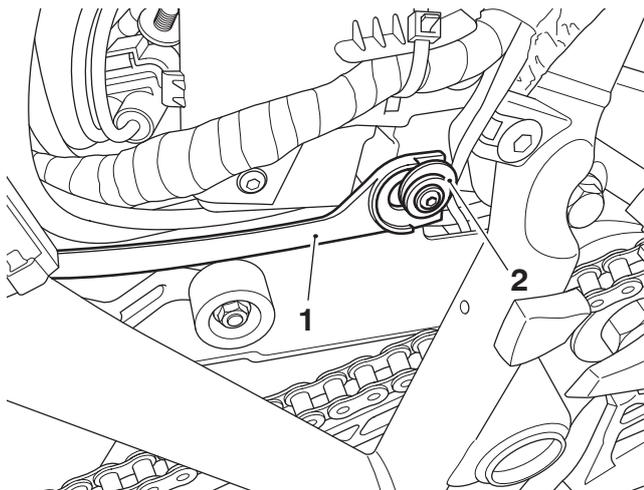
Check and make sure that all wiring harnesses are positioned correctly inside the mudguard tray when refitting the mudguard tray to the motorcycle.

Incorrectly positioned harnesses may result in wiring harness damage and electrical malfunctions.

### NOTICE

Check and make sure that no wiring harness is located near to the motorcycle chain and all wiring harnesses are secured and cannot move from the secured position. Loose harnesses may result in wiring harness damage and electrical malfunctions.

- Fit the front of the mudguard tray on to the grommets on the motorcycle frame.

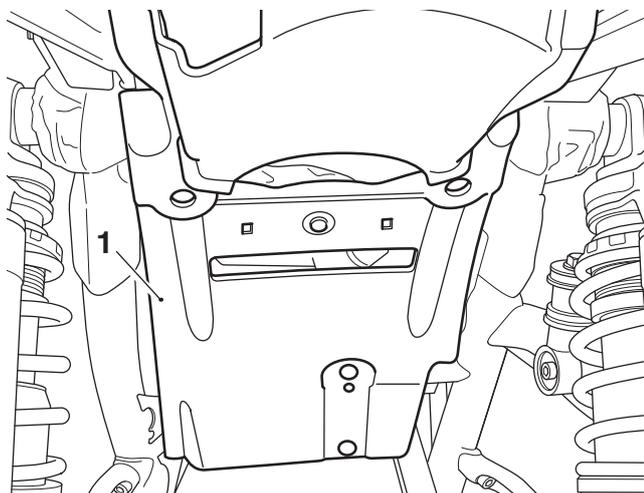


- Mudguard tray, right hand side shown
- Grommet, right hand side shown

### NOTICE

Make sure the wiring harnesses are not located near the motorcycle drive chain and all wiring harnesses do not become displaced and positioned outside the mudguard tray.

- If any wiring harness has been displaced and is outside the mudguard tray the mudguard tray must be removed and refitted, ensuring all harnesses remain correctly positioned inside the mudguard tray.
- Raise the rear of the mudguard tray.



- Mudguard tray
- Refit the rear mudguard assembly with the new fixings from the kit, as described in the Service Manual.

- Refit the left hand and right hand side panels, as described in the Service Manual.
- Refit the silencer using the new gaskets from the kit, as described in the Service Manual.
- Reconnect the battery, as described in the Service Manual. Refit the underseat moulding, as described in the Service Manual.
- Refit the seat, as described in the Service Manual.
- Refer to appendix A for software installation.
- Print out appendix B and hand to the customer.

### ⚠ 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 authorised 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 tyres, 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.

### **Appendix A - Connectivity Module Software Installation and Setup**

## **NOTICE**

Do not interrupt or cancel calibration downloads before they have completed.

If a calibration download is cancelled or interrupted before it has completed, the Electronic Control Module (ECM) will not operate in the normal way. This is because the operating system has been erased from ECM memory and has not yet been fully replaced. Under these circumstances, it will not be possible to use Automatic Model Detection when restarting the calibration download.

Turn the motorcycle ignition off for at least 60 seconds to allow the electronic systems to power down, then restart the calibration download using Manual Model Selection.

If a calibration download fails to restart, it may be necessary to follow a specific recovery process.

### **Introduction**

The connectivity module software installation and setup process must be completed using the Triumph Diagnostic Tool.

The instruction below details the steps necessary to complete the software installation and setup process.

### **Preparation**

Download and install the latest version of the Triumph Diagnostic Tool to your computer as described in the Triumph Diagnostic Tool Installation Guide.

### **Note:**

- **It can take up to 50 minutes to complete this procedure depending on the Connectivity Module and Instrument calibration updates required.**
- **Please take the following precautions to avoid accidental disruption of the calibration downloads performed during this process.**
  1. If using a laptop computer to run the diagnostic software, make sure the laptop battery is fully charged. Connect a charger to avoid draining the laptop battery.
  2. Disable any sleep and screen saver settings. The PC/laptop must remain turned on and awake for the duration of the process.
  3. Make sure all other PC/laptop applications (including Internet browsers) are closed down.
  4. Make sure the motorcycle battery is fully charged (battery voltage of at least 12.8 Volts). Connect an approved battery charger (suitable for use with maintenance free batteries) to maintain the battery charge during this process.
  5. During calibration download, DO NOT do the following unless instructed to do so by the diagnostic tool:
    - ▼ Turn the ignition OFF.
    - ▼ Switch the engine stop switch to a different position.
    - ▼ Disconnect the diagnostic interface.

### **Preliminary Steps**

1. Install the connectivity module as described in the Accessory Fitting Instructions.

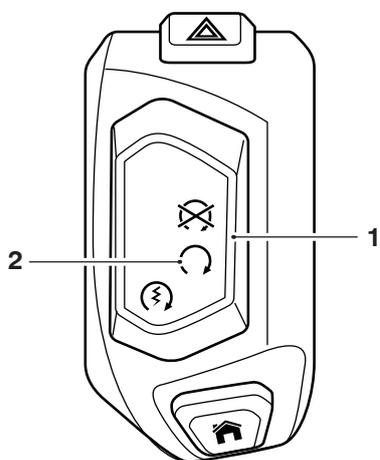
## **⚠ CAUTION**

**Keyless Ignition models only:** Do not use a standard key or a smart key that is turned OFF (red light) to turn the motorcycle ignition ON.

Using a standard key or a smart key that is turned OFF can cause the motorcycle's automatic power down feature to interrupt the calibration downloads performed during this process. This can cause the process to fail resulting in an instrument malfunction.

Always make sure that an active smart key is used to turn the motorcycle ignition ON when performing this process. Before turning the ignition ON, make sure that the smart key is turned ON (green light). After the ignition is turned ON, make sure the active smart key is kept within range (one metre/three feet) of the motorcycle for the duration of the process.

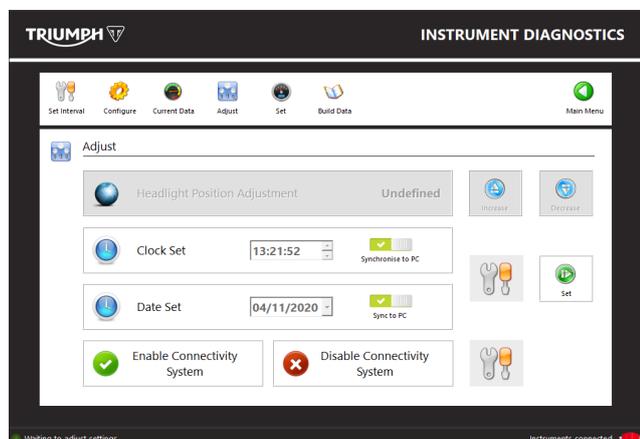
2. **Keyless Ignition models only:** Make sure the smart key is turned ON (green light) and kept within range (one metre/three feet) of the motorcycle for the duration of this process.
3. Connect the Triumph diagnostic tool to the motorcycle and turn the ignition ON.
4. Make sure the engine stop switch is in the RUN (ON) position.



1. Engine stop switch
2. RUN (ON) position

### Core activity

5. Navigate to CHASSIS DIAGNOSTICS - INSTRUMENT DIAGNOSTICS - Adjust
6. Click **Enable Connectivity System**.

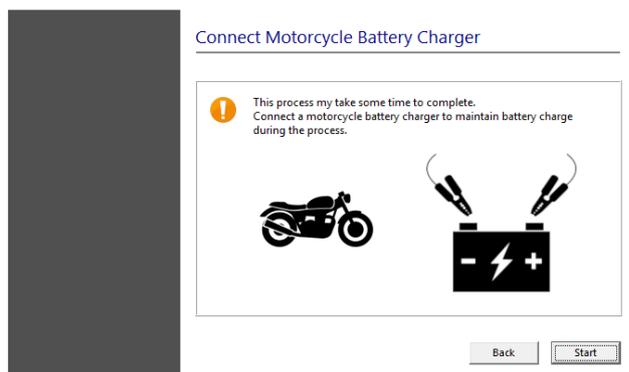


7. Enter the download password and click Next.

### Note:

- The current password for all downloads can be found at [www.triumphonline.net](http://www.triumphonline.net).

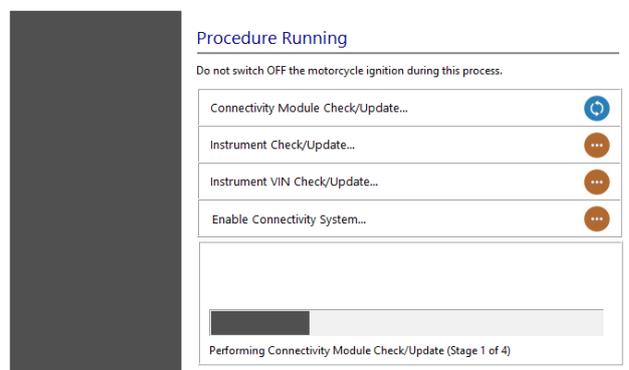
8. The diagnostic tool will prompt you to connect a motorcycle battery charger to maintain power during the process. Click Start to continue



9. The diagnostic tool will start a wizard to automatically complete the necessary calibration updates and enable the connectivity features. The wizard will perform the following:
  - ▼ Connectivity Module Check/Update.
  - ▼ Instrument Check/Update
  - ▼ Instrument VIN Check/Update
  - ▼ Enable Connectivity System.

### Connectivity Module Check/Update

The wizard will check the Connectivity Module for an up to date calibration. The calibration will be automatically updated if necessary.



The wizard will automatically progress to the next stage when the Connectivity Module is up to date.

### Instrument Check/Update

The wizard will check the instruments for an up to date calibration. The calibration will be updated if necessary.

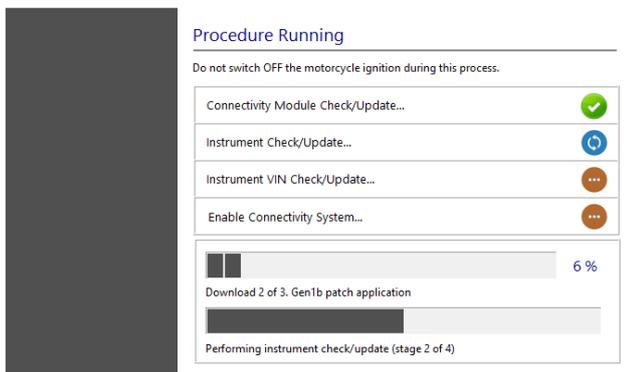
If a calibration update is required, the diagnostic tool will display a selection menu listing the instrument calibrations available for the connected motorcycle.

Select the correct instrument calibration for your region and click Next.

Check the details of the selected calibration are correct before clicking Confirm to start the download.

**Note:**

- **The instrument update can take up to 45 minutes to complete depending on the update required.**



The wizard will automatically progress to the next stage when the instrument calibration is up to date.

### Instrument VIN Check/Update

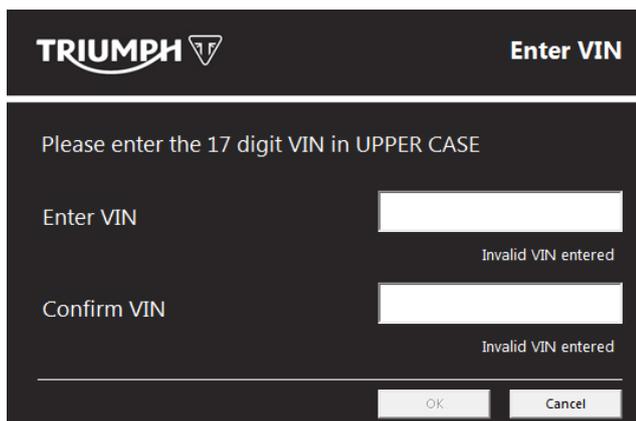
The wizard will check that the instruments have been programmed with the motorcycle VIN.

If no VIN has been programmed, the diagnostic tool will attempt to obtain the VIN details automatically from the Engine ECM before programming them to the instruments.

**Note:**

- **The engine stop switch must be in the RUN (ON) position to allow the diagnostic tool to communicate with the engine ECM.**

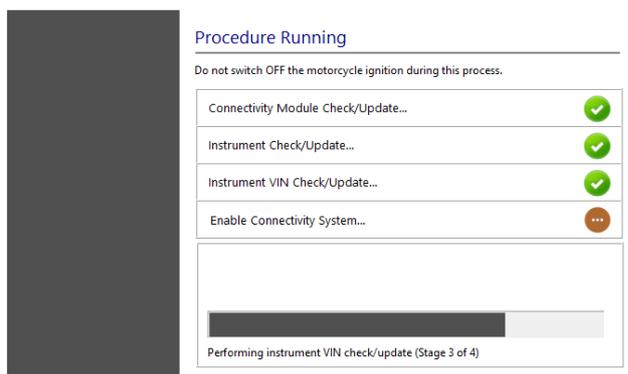
If a VIN cannot be obtained from the engine ECM, a manual VIN entry screen will be displayed.



If this screen is displayed, enter the motorcycle's 17 digit VIN. Alphabetical characters must be entered in upper case.

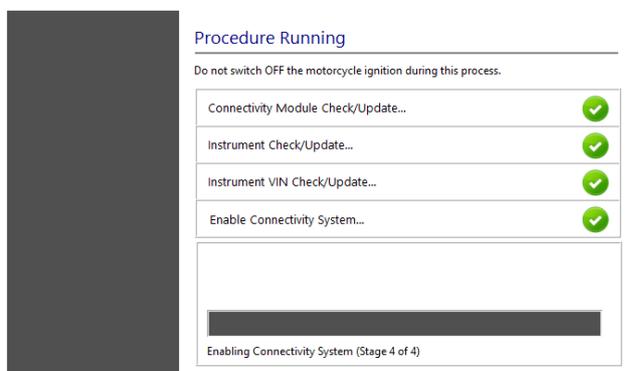
Re-enter the VIN to confirm it is correct before clicking OK.

The wizard will automatically progress to the next stage when the instruments are programmed with the motorcycle VIN.

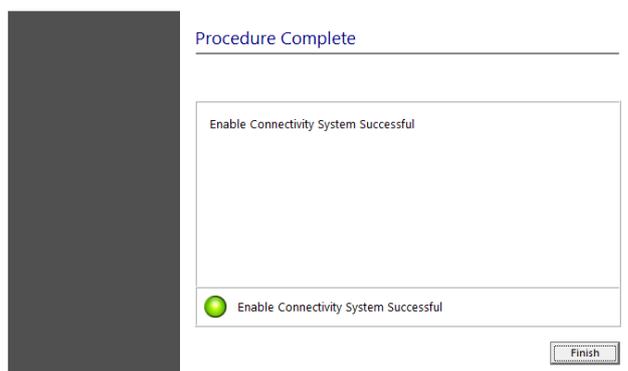


### Enable Connectivity System

When the system updates described above have been completed, the wizard will enable the connectivity system.



A screen will be displayed to confirm that the connectivity system has been successfully enabled. Click Finish to return to the Instrument Diagnostics area.



**Note:**

- **It is normal for DTCs to be stored after this process has completed. This is due to the calibration downloads interrupting CAN communications between the ECMs.**
- **After this process has completed, you will be prompted to check all ECMs for stored DTCs and erase them as necessary.**

## Appendix B - Connectivity Module Handover

This page must be printed and handed to the customer at the time of motorcycle handover.

The My Triumph Connectivity Handbook can be downloaded from:

<https://www.triumphinstructions.com/>

Enter the part number 'A9820200' into the search field to access the handbook.

