

Accessory Fitting Instructions

My Triumph Connectivity Module		
Kit Number	Models Affected	
A9820200	Tiger 900 GT, Tiger 900 GT (LRH), Tiger 900 Rally, Trident from VIN AC6898, Tiger Sport from VIN AU7774	
To be used with the follow	ring fitting kit:	
	Fitting Kit	
Kit Number	Models Affected	
A9820098	Tiger 900 GT, Tiger 900 GT (LRH), Tiger 900 Rally, Trident from VIN AC6898, Tiger Sport from VIN AU7774	

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.

Parts Supplied: A9820200



1. Connectivity module	1 off		
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Parts Supplied: A9820098



Rubber housing

1.

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.

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.

All Models

- 1. Remove the rider and passenger seats, as described in the Service Manual.
- 2. Disconnect the battery, as described in the Service Manual.
- 3. Collect the connectivity module and rubber housing.
- 4. Feed the connectivity module harness connector through the opening in the rubber housing as shown below.



1. Rubber housing

- 2. Connectivity module harness connector
- 5. Carefully pull the harness connector through the opening and place the connectivity module into the rubber housing in the orientation shown below.



- 1. Rubber housing
- 2. Connectivity module

Tiger 900 and Trident from VIN AC6898 Models Only

6. Locate the connectivity module harness connector into the rubber housing with the square opening of the connector positioned to the outside, as shown.



- 1. Rubber housing
- 2. Connectivity module harness connector
- 3. Square opening

Tiger 900 Models Only

7. Remove the phone tray from the motorcycle. Retain fixings and phone tray for reuse. In order to remove the phone tray fully, disconnect the USB connector and unclip the heated seat connectors.



- 1. Phone tray
- 2. Fixings
- 3. Heated seat connectors
- 8. Locate the main wiring harness connectivity module connector on the right hand side of the motorcycle. Remove the blanking plug from the connector. Retain the blanking plug for reuse if the motorcycle is to be returned to its original condition.

Trident from VIN AC6898 Models Only

9. Remove the left hand side panel, as described in the Service Manual. Retain the fixing for reuse.



^{1.} Fixing

2. Left hand side panel

Tiger Sport from VIN AU7774

Note:

- Plastic scrivets are used throughout the motorcycle to retain infill panels, mouldings and body panels.
- To release a scrivet carefully press the centre section of the scrivet head in.



2. Centre section

10. Remove the fuel tank centre infill panel, as described in the Service Manual. Retain the scrivet fixings for reuse.



1. Fuel tank centre infill panel

11. Remove the left hand side cockpit infill panel, as described in the Service Manual. Retain the scrivet fixings for reuse.



1. Cockpit infill panel, left hand side

12. Locate the main wiring harness connectivity module connector on the left hand side of the motorcycle. Unclip the connector from inner moulding and remove the blanking plug from the connector. Retain the blanking plug for reuse if the motorcycle is to be returned to its original condition.



1. Blanking plug

2. Connectivity module main harness connector

Tiger 900 Models Only

13. Connect the connectivity module harness connector to the main wiring harness connectivity module connector.



- 1. Connectivity module harness connector
- 2. Connectivity module connector, main wiring harness

14. Locate the tab on the rear mudguard, situated on the right hand side of the motorcycle directly below the front bridge. Note: the chassis control unit is not shown for clarity.



1. Front bridge

2. Tab, rear mudguard

15. Feed the connectivity module under the front bridge from the front of the motorcycle, in the orientation shown below.



1. Connectivity module

2. Front bridge

16. Push the connectivity module rubber housing on to the tab in the orientation shown, making sure the connectivity module remains correctly located in the rubber housing. Note: the chassis control unit is not shown for clarity.



- 1. Rubber housing
- 2. Connectivity module
- 3. Tab, rear mudguard
- 17. Reconnect the USB connector and refit the phone tray with the original fixings making sure the reed-switch harness is routed through the right hand side of the phone tray in the location shown below. Tighten the fixings to **3** Nm. Clip the heated seat connectors to the phone tray.



- 1. Phone tray
- 2. Fixings
- 3. Heated seat connectors

Trident from VIN AC6898 Models Only

18. Locate the main wiring harness connectivity module connector and the connectivity module tab on the main frame. Remove the blanking plug from the connector. Retain the blanking plug for reuse if the motorcycle is to be returned to its original condition.



- 1. Blanking plug
- 2. Connectivity module main harness connector
- 3. Connectivity module tab
- 19. Connect the connectivity module harness connector to the main wiring harness connectivity module connector.
- 20. Push the connectivity module rubber housing on to the tab in the orientation shown, making sure the connectivity module remains correctly located in the rubber housing.



1. Connectivity module rubber housing

2. Connectivity module

21. Refit the left hand side panel, as described in the Service Manual.

Tiger Sport from VIN AU7774

22. With the infill panels removed, locate the tab on the inner moulding situated on the left hand side of the motorcycle.



- 1. Inner moulding
- 2. Tab
- 23. Connect the connectivity module harness connector to the main wiring harness connectivity module connector.



- 1. Connectivity module harness connector
- 2. Connectivity module connector, main wiring harness

24. Push the connectivity module rubber housing on to the tab in the orientation shown, making sure the connectivity module remains correctly located in the rubber housing.



- 1. Rubber housing
- 2. Connectivity module
- 3. Tab
- 25. Make sure the main wiring harness connector is re-attached to the retaining clip on the inner moulding.



- 1. Inner moulding
- 2. Main wiring harness connector
- 3. Retaining clip
- 26. Refit the left hand side cockpit infill panel, as described in the Service Manual using the original scrivet fixings.
- 27. Refit the fuel tank centre infill panel, as described in the Service Manual using the original scrivet fixings.

All Models

- 28. Reconnect the battery, as described in the Service Manual.
- 29. Refit the rider and passenger seats, as described in the Service Manual.
- 30. Refer to appendix A for software installation.
- 31. Print out appendix B and hand to the customer.

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 highspeed 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

Appendix A - Connectivity Module Software Installation and Setup

Caution

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.
- 2. Connect the Triumph diagnostic tool to the motorcycle and turn the ignition ON.
- 3. Make sure the engine stop switch is in the RUN (ON) position.



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

Core activity

- 1. Navigate to CHASSIS DIAGNOSTICS INSTRUMENT DIAGNOSTICS Adjust
- 2. Click Enable Connectivity System.



3. Enter the download password and click Next.

Note:

- The current password for all downloads can be found at www.triumphonline.net.
- 4. The diagnostic tool will prompt you to connect a motorcycle battery charger to maintain power during the process. Click Start to continue



- 5. 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.

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trument VIN Check/Update
nable Connectivity System

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.

not switch OFF the motorcycle ignition during this proce	:55.
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Enable Connectivity System	C
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ownload 2 of 3. Gen1b patch application	

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.

		Enter VIN
Please enter the 17 digit VIN in UI	PPER CASE	
Enter VIN	Inv	valid VIN entered
Confirm VIN	Inv	valid VIN entered
	ОК	Cancel

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.

not switch OFF the motorcycle ignition during this	process.
Connectivity Module Check/Update	e
Instrument Check/Update	
Instrument VIN Check/Update	e
Enable Connectivity System	•
Performing instrument VIN check/update (Stage 3 o	f 4)

Enable Connectivity System

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

ot switch OFF the motorcycle ignition during this pr	ocess.
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nable 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.

Procedure Complete	
Enable Connectivity System Successful	
Enable Connectivity System Successful	Finish
	Procedure Complete Enable Connectivity System Successful Image: Connectivity System Successful Image: Connectivity System Successful

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.

