



Accessory Fitting Instructions

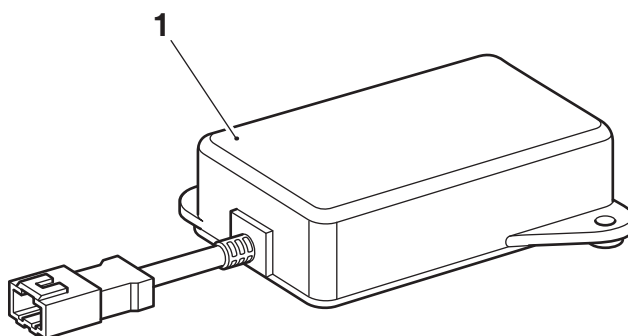
My Triumph Connectivity Module	
Kit Number	Models Affected
A9820200	Street Triple R from VIN 793032, Street Triple R LRH (Low Ride Height), Street Triple RS
To be used with the following fitting kit.	
Fitting Kit	
Kit Number	Models Affected
A9800138	Street Triple R from VIN 793032, Street Triple R LRH (Low Ride Height), Street Triple RS up to VIN 966533

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.

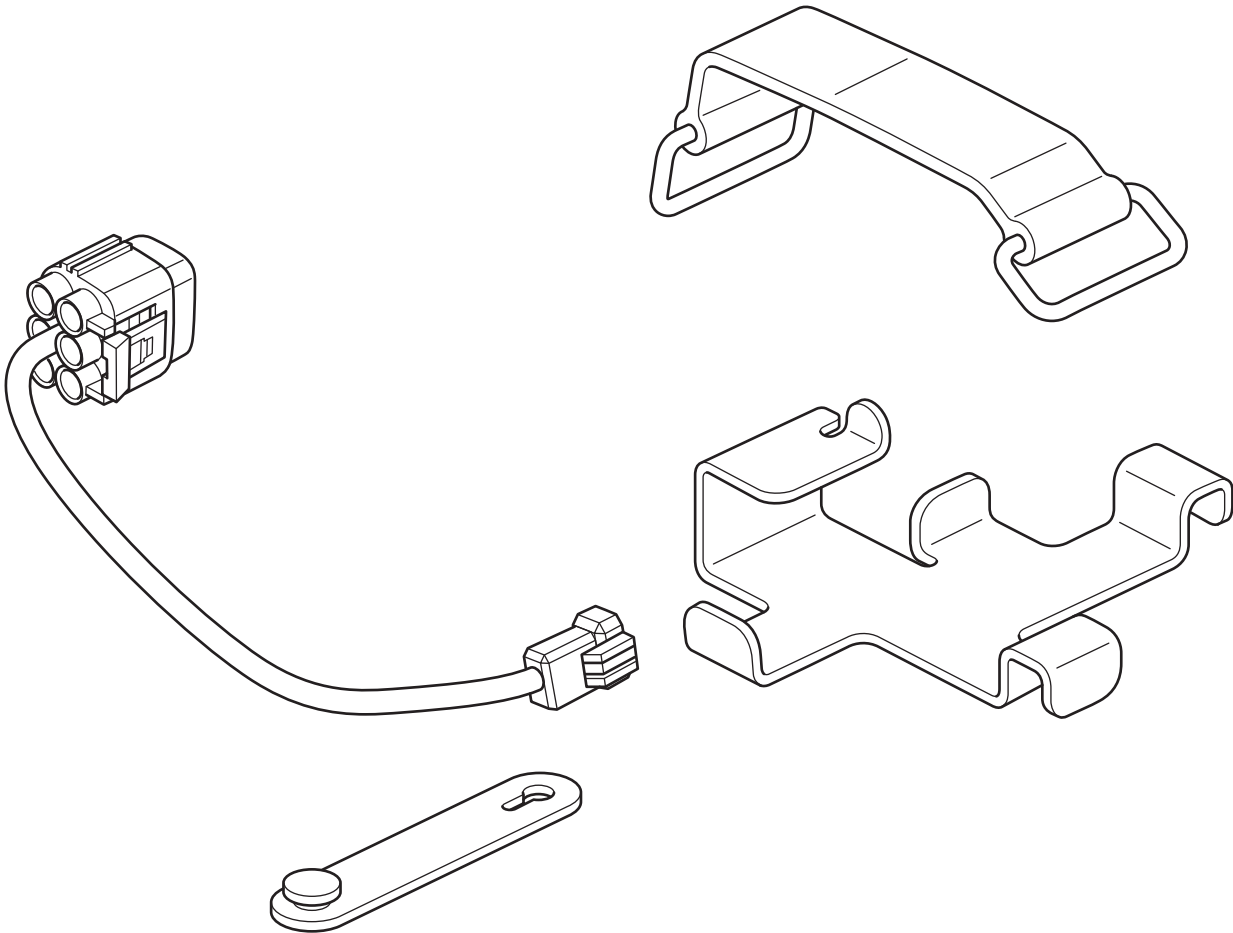
These instructions should be considered a permanent part of your accessory kit, and should remain with it even if your accessory equipped motorcycle is subsequently sold.

Parts Supplied: A9820200



1. Connectivity module	1 off		
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Parts Supplied: A9800138



1. Mounting bracket	1 off	3. Retaining strap	1 off
2. Sub-harness	1 off	4. Rubber strap	1 off



Warning

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 not 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 cause 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 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.



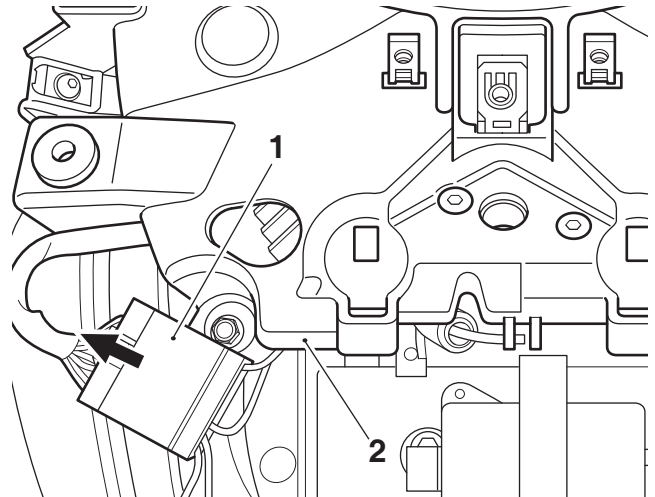
Warning

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

Note:

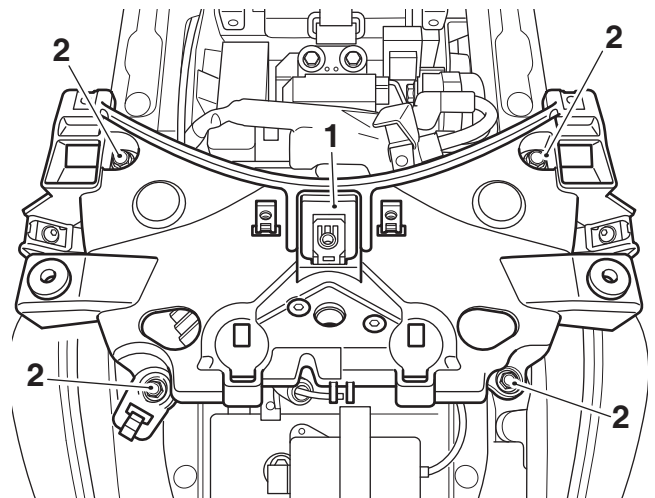
- Triumph offers a broad range of approved genuine accessories for your motorcycle. We cannot therefore cover all possible equipment variations in these instructions. For removal and installation of Triumph Genuine Accessories, always refer to the instructions supplied with the respective accessory kit. To obtain additional copies of any Triumph accessory instructions, visit www.triumphinstructions.com or contact your authorised Triumph dealer.

1. Remove the passenger seat or seat cowl, as described in the Service Manual.
2. Disconnect the battery, as described in the Service Manual.
3. Remove the rear bodywork moulding, as described in the Service Manual.
4. Remove the alarm connector from the retaining tab on the bridge moulding.



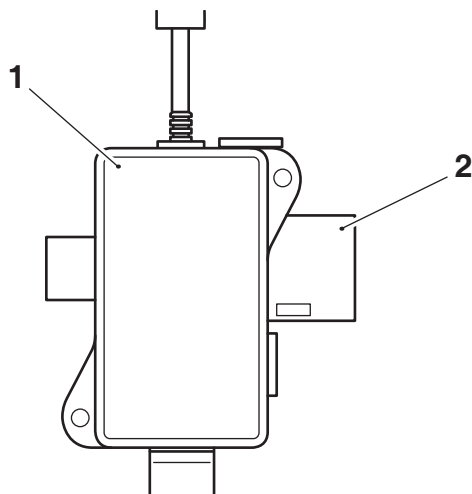
1. Alarm connector
2. Bridge moulding

5. Remove the bridge moulding. Retain the fixings for reuse.



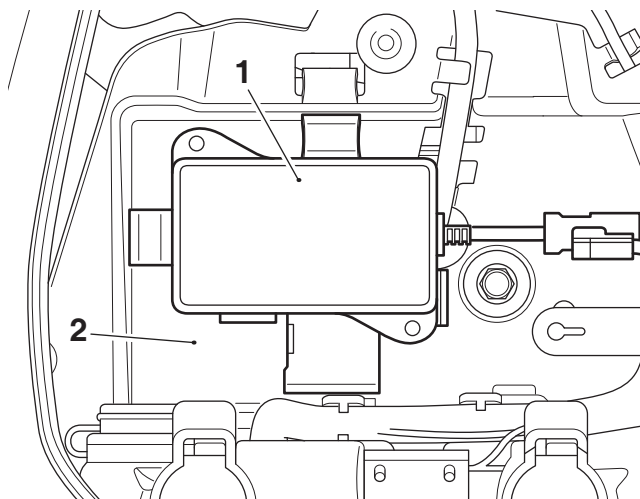
1. Bridge moulding
2. Fixings

6. Place the connectivity module on to the mounting bracket in the orientation shown.



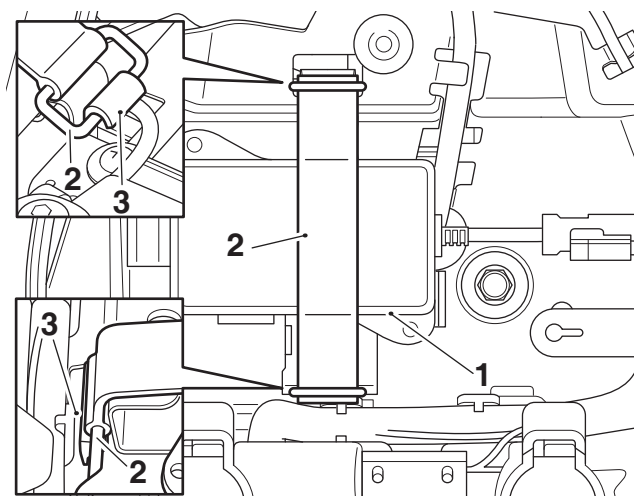
1. Connectivity module
2. Mounting bracket

7. Position the connectivity module and mounting bracket on to the undertray moulding in the orientation shown.



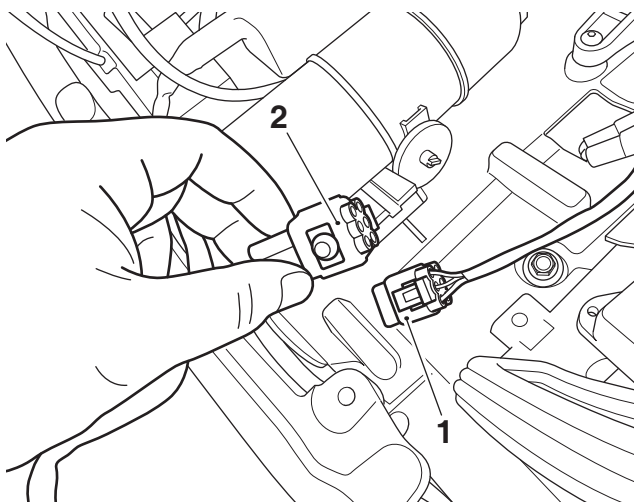
1. Connectivity module and mounting bracket
2. Undertray moulding

8. Secure the connectivity module and mounting bracket to the undertray moulding with the retaining strap from the kit.



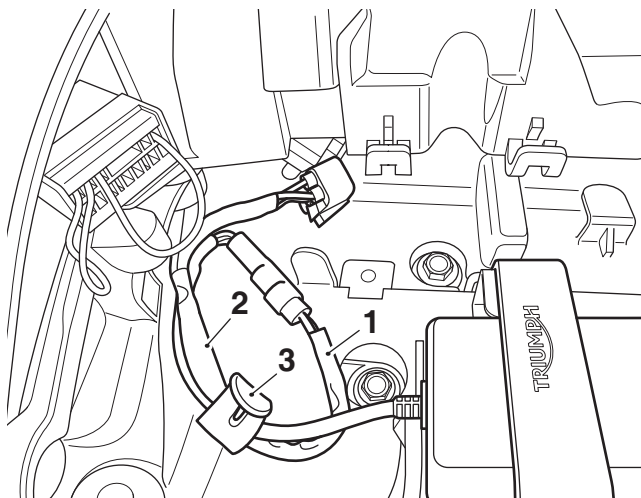
1. Connectivity module and mounting bracket
2. Retaining strap
3. Undertray moulding

9. Locate the main wiring harness connectivity module connector which is located next to the main wiring harness alarm connector. Remove the blanking plug from the connectivity module connector. Retain the blanking plug for reuse if the motorcycle is to be returned to its original condition.
10. Connect the connectivity module sub-harness from the kit to the main wiring harness connectivity module connector.



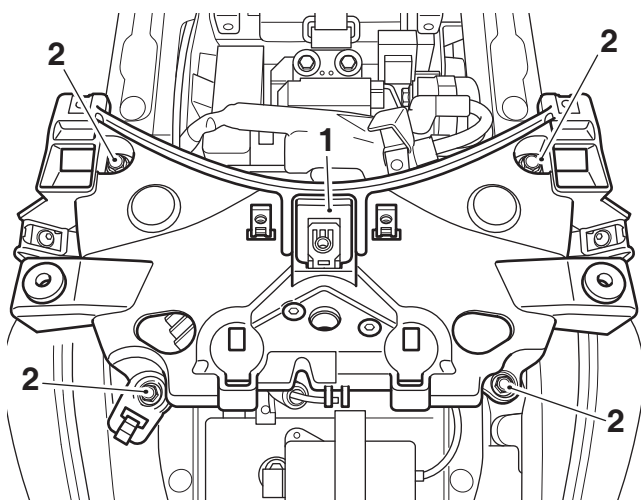
1. Connectivity module sub-harness connector
2. Main wiring harness connector

11. Connect the connectivity module harness to the connectivity module sub-harness connector. Form a loop in the connectivity module harness and secure it to the sub-harness with the rubber strap from the kit.



1. Connectivity module harness
2. Connectivity module sub-harness
3. Rubber strap

12. Refit the bridge moulding with the original fixings. Tighten the fixings to **5 Nm**.



1. Bridge moulding
2. Fixings

13. Re-attach the alarm connector to the bridge moulding.
14. Refit the rear bodywork moulding, as described in the Service Manual.
15. Reconnect the battery, as described in the Service Manual.
16. Refit the passenger seat or seat cowl, as described in the Service Manual.
17. Refer to appendix A for software installation.
18. Print out appendix B and the instrument handbook, which are attached to the end of this document, 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 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.

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

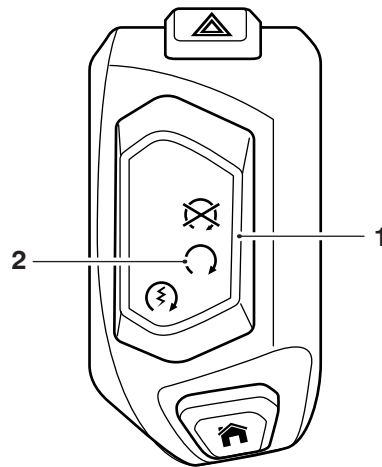
Download and install the latest version of the Triumph Diagnostic Tool to your computer as described in the Triumph Diagnostic Tool Installation Guide.

Note:

- **It can take up to 90 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**.





INSTRUMENT DIAGNOSTICS


**Set Interval**


**Configure**


**Current Data**


**Adjust**

**Set**


**Build Data**


**Chassis Menu**


**Main Menu**




Adjust


**Headlight Position Adjustment****Undefined**


**Increase**

**Decrease**


**Clock Set**


13:21:52


**Synchronise to PC**


**Date Set**


04/11/2020

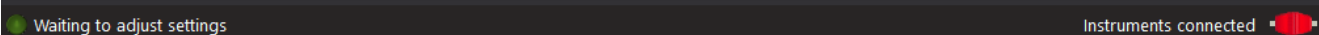
**Sync to PC**

**Enable Connectivity System**

**Disable Connectivity System**

**Set**





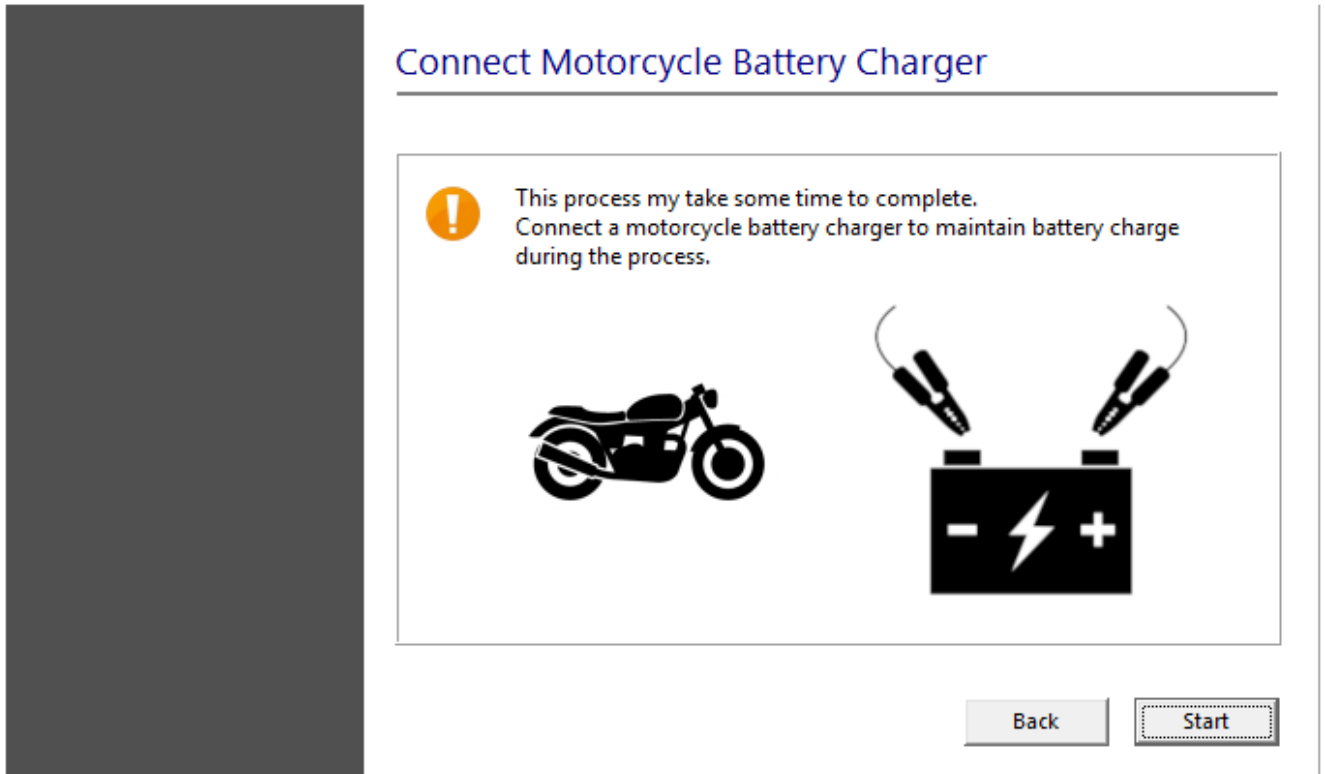
Waiting to adjust settings

Instruments connected

3. Enter the download password and click Next.

Note:

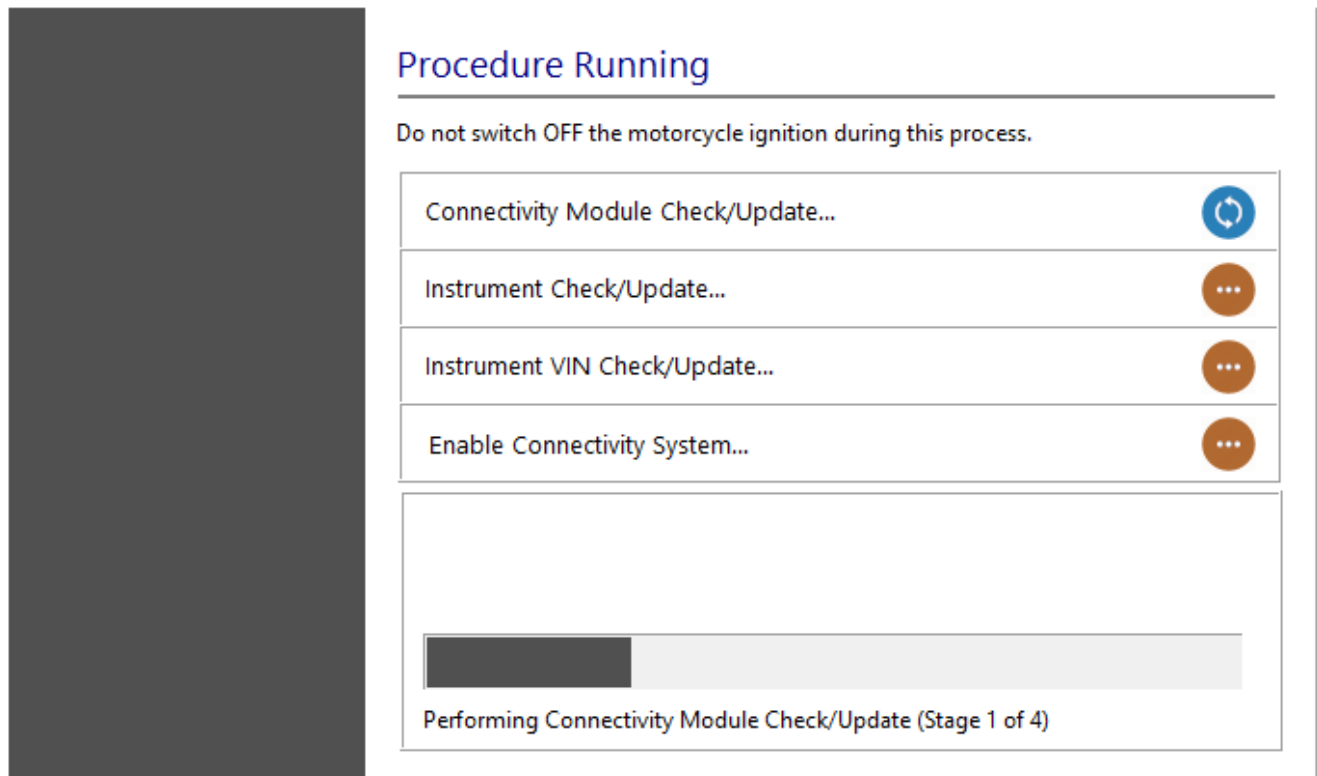
- The current password for all downloads can be found at www.triumphonline.net.
4. The diagnostic tool will prompt you to connect a motorcycle battery charger to maintain power during the process. Click Start to continue



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.



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

Instrument Check/Update

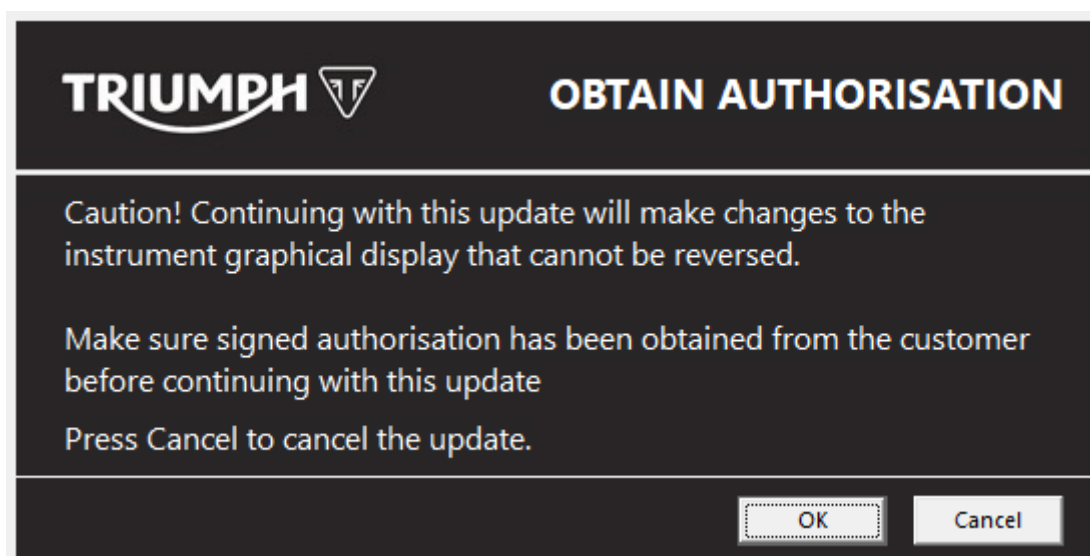
The wizard will check the instruments and up date them with a Connectivity Module ready calibration.

 **Caution**

The instrument update process will make irreversible changes to the instrument graphical display. The diagnostic tool will display a message instructing you to obtain signed authorisation from the customer before continuing with the instrument update.

Make sure signed authorisation is obtained from the customer before continuing with the instrument update.

Click OK to continue with the instrument update or click Cancel to cancel the Enable Connectivity System procedure.



The diagnostic tool will display a calibration selection menu listing the 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 will take 45 to 90 minutes to complete depending on the updates required.

Procedure Running

Do not switch OFF the motorcycle ignition during this process.

Connectivity Module Check/Update...	✓
Instrument Check/Update...	🔄
Instrument VIN Check/Update...	⋮
Enable Connectivity System...	⋮

6 %

Download 2 of 3. Gen1b patch application

Performing instrument check/update (stage 2 of 4)

The wizard will automatically progress to the next stage when the instruments have been updated.

Instrument VIN Check/Update

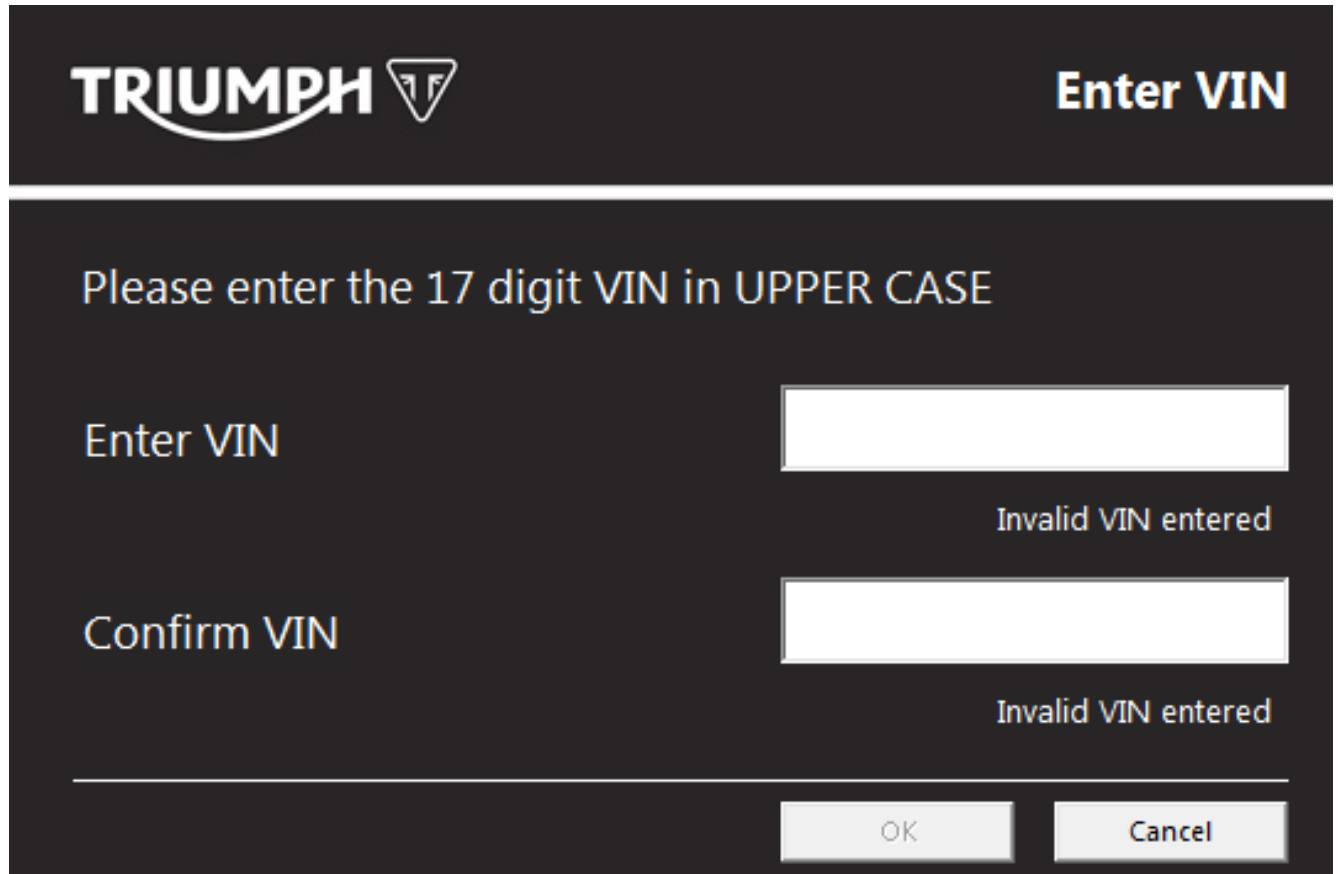
The wizard will check that the instruments have been programmed with the motorcycle VIN.

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.

The image shows a screenshot of a diagnostic tool's 'Enter VIN' screen. At the top, there is a dark header bar with the 'TRIUMPH' logo on the left and the text 'Enter VIN' on the right. Below the header, the main area has a dark background with white text. It says 'Please enter the 17 digit VIN in UPPER CASE'. There are two input fields, each with a label to its left. The first input field is labeled 'Enter VIN' and has the text 'Invalid VIN entered' below it. The second input field is labeled 'Confirm VIN' and also has the text 'Invalid VIN entered' below it. At the bottom of the screen, there are two buttons: 'OK' and '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.

Procedure Running

Do not switch OFF the motorcycle ignition during this process.

Connectivity Module Check/Update...	✓
Instrument Check/Update...	✓
Instrument VIN Check/Update...	✓
Enable Connectivity System...	...

Performing instrument VIN check/update (Stage 3 of 4)

Enable Connectivity System

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

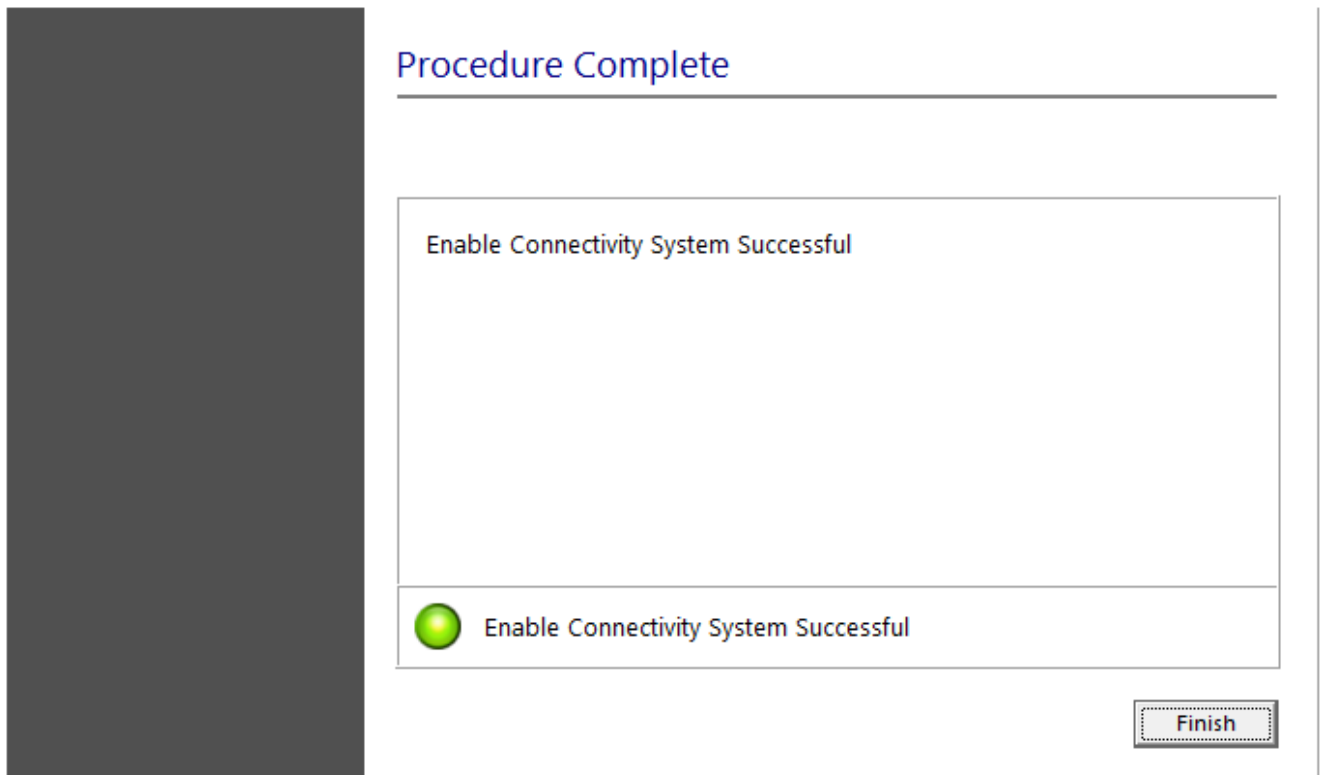
Procedure Running

Do not switch OFF the motorcycle ignition during this process.

Connectivity Module Check/Update...	✓
Instrument Check/Update...	✓
Instrument VIN Check/Update...	✓
Enable Connectivity System...	✓

Enabling Connectivity System (Stage 4 of 4)

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 ECUs.
- After this process has completed, you will be prompted to check all ECUs 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.



Part No. **A9820200**

Search



09/03/15

 Welcome to Triumphinstructions.com, your online resource for Triumph Genuine Accessory Instructions. To begin your search, please enter the part number printed on the bar code label of your Triumph Genuine Accessory into the search box and click the search button.

 Bienvenue sur Triumphinstructions.com, votre site en ligne pour les instructions des accessoires Triumph. Pour commencer votre recherche, merci d'entrer la référence que vous trouverez sur l'emballage d'origine de votre accessoire dans le moteur de recherche, et cliquez sur Recherche.

 Willkommen bei Triumphinstructions.com, der Online Information für Anbauanleitungen von Triumph Original Zubehörartikeln. Um Ihre Suche zu starten, geben Sie bitte die Bestellnummer des betreffenden Zubehörartikels ein. Sie finden sie auf dem Bar Code Aufkleber mit "A..." beginnend.

 Benvenuti su Triumphinstructions.com, il sito online dedicato alle istruzioni sugli accessori originali Triumph. Per iniziare la vostra ricerca, inserite nell'apposito spazio il codice prodotto stampato sul codice a barre applicato sulla confezione dell'accessorio e cliccate il bottone di ricerca.

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 Välkommen till Triumphinstructions.com! Din väg att online hitta instruktioner till Triumph:s original tillbehör. För att börja sökningen: knappa in artikelnumret på tillbehöret i sökfältet, och klicka på söknappen.

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 Bienvenido a Triumphinstructions.com, tu manual de instrucciones online para accesorios originales Triumph. Para comenzar tu búsqueda, introduce el número de referencia impresa en el código de barras de tu accesorio original Triumph y presiona el botón de búsqueda.

 Bem Vindos ao Triumphinstructions.com, seu recurso ONLINE para instruções dos Acessórios Originais Triumph. Para iniciar sua busca, favor adicionar o número da peça impresso na etiqueta do código de barras de seu Acessório Original Triumph no campo busca e em seguida clique no botão Buscar.

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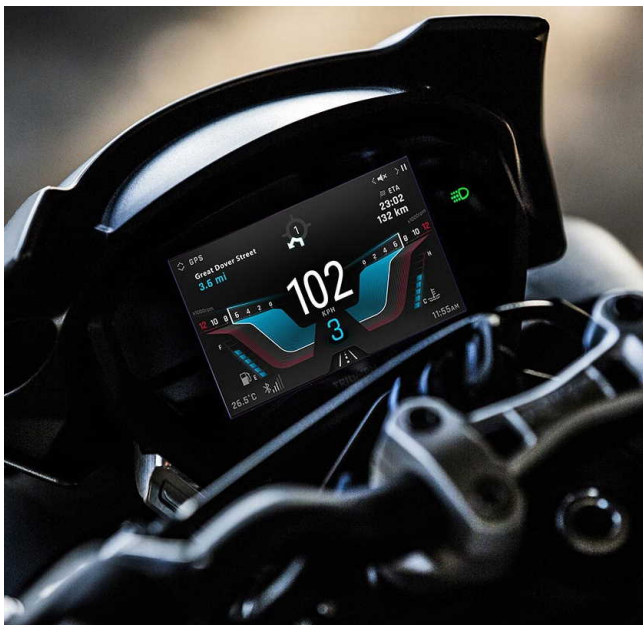
 欢迎来到 Triumphinstructions.com, 在线开启对凯旋原装配件指南的探索。您只需在凯旋原装配件的条形码标签上找到配件号, 并将其输入搜索框, 然后点击搜索按钮即可开始。

[Terms & Conditions](#) [Triumph Worldwide](#)



Owner's Handbook

Speed Triple S, Speed Triple RS, Street Triple R and Street Triple RS



This handbook contains information on the Triumph Speed Triple S, Speed Triple RS, Street Triple R and Street Triple RS motorcycles. Always store this Owner's Handbook with the motorcycle and refer to it for information whenever necessary.

The information contained in this publication is based on the latest information available at the time of printing. Triumph reserves the right to make changes at any time without prior notice, or obligation.

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Publication part number 9901765-EN issue 1

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This handbook contains a number of different sections. The table of contents below will help you find the beginning of each section where, in the case of the major sections, a further table of contents will help you find the specific subject required.

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Foreword

This Owner's Handbook contains information on the My Triumph Connectivity Instruments available for Triumph Speed Triple S, Speed Triple RS, Street Triple R and Street Triple RS motorcycles.

Always store this Owner's Handbook with the motorcycle and refer to it for information whenever necessary.

Warnings, Cautions and Notes

Throughout this Owner's Handbook particularly important information is presented in the following form:

Warning

This warning symbol identifies special instructions or procedures, which if not correctly followed could result in personal injury, or loss of life.

Caution

This caution symbol identifies special instructions or procedures, which, if not strictly observed, could result in damage to, or destruction of, equipment.

Note

This note symbol indicates points of particular interest for more efficient and convenient operation.

Talk to Triumph

Warning

This Owner's Handbook, and all other instructions that are supplied with your motorcycle, should be considered a permanent part of your motorcycle and should remain with it even if your motorcycle is subsequently sold.

All riders must read this Owner's Handbook, and all other instructions which are supplied with your motorcycle, before riding, in order to become thoroughly familiar with the correct operation of your motorcycle's My Triumph Connectivity Instruments, its features, capabilities and limitations.

Warning

Do not lend your motorcycle to others, as riding when not familiar with your motorcycle's controls, features, capabilities and limitations can lead to an accident.

Our relationship with you does not end with your purchase. Your feedback on the buying and ownership experience is very important in helping us develop our products and services for you.

Please help us by making sure your dealership has your E-mail address and registers this with us.

Your Triumph Team

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Instruments

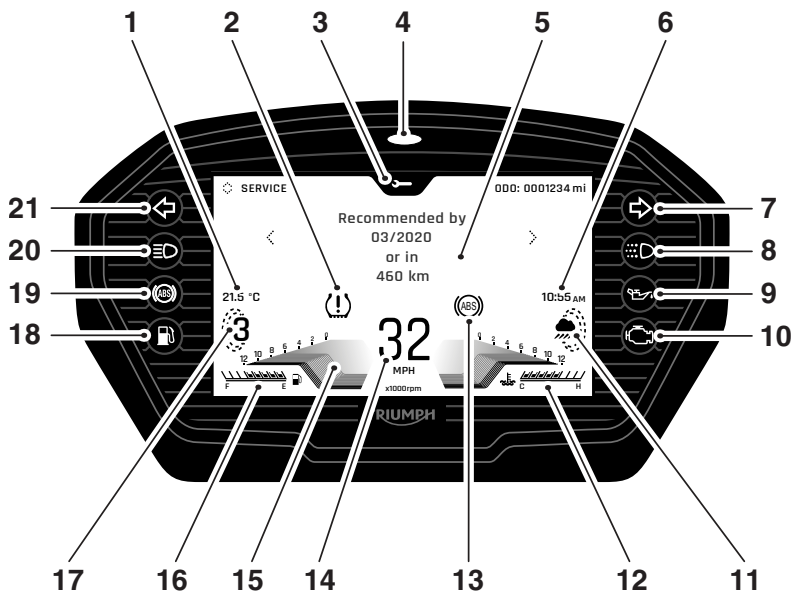
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Instrument Display Layout



1. Air temperature
2. Tyre Pressure Monitoring System (TPMS) warning light (if fitted)
3. Information tray icon
4. Alarm/immobiliser status indicator light (alarm is an accessory kit)
5. Information tray area
6. Clock
7. Right hand indicator and hazard warning light
8. Daytime Running Light (DRL) (if fitted)
9. Oil pressure warning light
10. Engine management Malfunction Indicator Light (MIL)
11. Current riding mode
12. Coolant temperature gauge
13. ABS warning light
14. Speedometer
15. Tachometer
16. Fuel gauge
17. Gear position
18. Fuel level low warning light
19. ABS warning light
20. High beam warning light
21. Left hand indicator and hazard warning light

Instruments

Warning Lights

Note

When the ignition is switched on, the instrument warning lights will illuminate for 1.5 seconds and will then go off (except those which remain on until the engine starts, as described in the following pages).

For additional Warning and Information messages, see page 14.

Engine Management System Malfunction Indicator Light (MIL)



The Malfunction Indicator Light (MIL) for the engine management system illuminates when the ignition is switched ON (to indicate that it is working) but should not become illuminated when the engine is running.

If the engine is running and there is a fault with the engine management system the MIL will be illuminated and the general warning symbol will flash. In such circumstances, the engine management system may switch to 'limp-home' mode so that the journey may be completed, if the fault is not so severe that the engine will not run.

Warning

Reduce speed and do not continue to ride for longer than is necessary with the MIL illuminated. The fault may adversely affect engine performance, exhaust emissions and fuel consumption.

Reduced engine performance could cause a dangerous riding condition, leading to loss of control and an accident.

Contact an authorised Triumph dealer as soon as possible to have the fault checked and rectified.

Note

If the MIL flashes when the ignition is switched ON contact an authorised Triumph dealer as soon as possible to have the situation rectified. In these circumstances the engine will not start.

Low Oil Pressure Warning Light



With the engine running, if the engine oil pressure becomes dangerously low, the low oil pressure warning light will illuminate.



Caution

Stop the engine immediately if the low oil pressure warning light illuminates. Do not restart the engine until the fault has been rectified.

Severe engine damage will result from running the engine when the low oil pressure warning light is illuminated.

Note

The low oil pressure warning light will illuminate if the ignition is switched ON without running the engine.

Immobiliser/Alarm Indicator Light

This Triumph motorcycle is fitted with an engine immobiliser which is activated when the ignition switch is turned to the OFF position.

Without Alarm Fitted

When the ignition switch is turned to the OFF position, the immobiliser light will flash on and off for 24 hours to show that the engine immobiliser is on. When the ignition switch is turned to the ON position the immobiliser and the indicator light will be off.

If the indicator light remains on it indicates that the immobiliser has a malfunction that requires investigation. Contact an authorised Triumph dealer as soon as possible to have the fault checked and rectified.

With Alarm Fitted

The immobiliser/alarm light will only illuminate when the conditions described in the genuine Triumph accessory alarm instructions are met.

Instruments

Anti-lock Braking System (ABS) Warning Light



When the ignition switch is turned to the ON position, it is normal that the ABS warning light will flash on and off. The light will continue to flash after engine start-up until the motorcycle first reaches a speed exceeding 6 mph (10 km/h) when it will go off.

Note

Traction control will not function if there is a malfunction with the ABS. The warning lights for the ABS, traction control and the MIL will be illuminated.

The warning light should not illuminate again until the engine is restarted unless there is a fault.

If the warning light becomes illuminated at any time while riding it indicates that the ABS has a malfunction that requires investigation.

Warning

If the ABS is not functioning, the brake system will continue to function as a non-ABS equipped brake system.

Do not continue to ride for longer than is necessary with the warning light illuminated.

Contact an authorised Triumph dealer as soon as possible to have the fault checked and rectified. In this situation braking too hard will cause the wheels to lock resulting in loss of motorcycle control and an accident.

Traction Control (TC) Indicator Light



The Traction Control (TC) indicator light is used to indicate that the traction control system is active and is working to limit rear wheel slip during periods of hard acceleration or under wet or slippery road conditions.

Warning

If the traction control is not functioning, care must be taken when accelerating and cornering on wet/slippery road surfaces to avoid rear wheel spin.

Do not continue to ride for longer than is necessary with the engine management system Malfunction Indicator Light (MIL) and traction control warning lights illuminated. Contact an authorised Triumph dealer as soon as possible to have the fault checked.

Hard acceleration and cornering in this situation may cause the rear wheel to spin resulting in loss of motorcycle control and an accident.

If traction control is switched on:

- Under normal riding conditions the TC indicator light will remain off.
- The TC indicator light will flash rapidly when the traction control system is working to limit rear wheel slip during periods of hard acceleration or under wet or slippery road conditions.

If traction control is switched off:

- The TC indicator light will not illuminate. Instead the TC disabled warning light will be illuminated.

Note

Traction control will not function if there is a malfunction with the ABS. The warning lights for the ABS, traction control and the MIL will be illuminated.

Traction Control (TC) Disabled Warning Light



The TC disabled warning light should not illuminate unless traction control is switched off or there is a malfunction.

If the warning light becomes illuminated at any other time while riding, it indicates that the traction control system has a malfunction that requires investigation.

Direction Indicators



When the direction indicator switch is turned to the left or right, the direction indicator warning light will flash on and off at the same speed as the direction indicators.

Hazard Warning Lights

To turn the hazard warning lights on or off, press and release the hazard warning light switch.

The ignition must be switched ON for the hazard warning lights to function.

The hazard warning lights will remain on if the ignition is OFF, until the hazard warning light switch is pressed again.

High Beam Light



When the ignition is switched ON and the headlight dip switch is set to HIGH BEAM, the high beam warning light will illuminate.

Instruments

Daytime Running Lights (DRL) (if fitted)



When the ignition is switched ON and the daytime running lights switch is set to Daytime Running Lights, the daytime running lights warning light will illuminate.

The daytime running lights and low beam headlights are operated manually using a switch on the left hand switch housing.

Warning

Do not ride for longer than necessary in poor ambient light conditions with the Daytime Running Lights (DRL) in use.

Riding with the Daytime Running Lights when dark, in tunnels or where poor ambient light is apparent may reduce the riders vision or dazzle other road users.

Dazzling other road users or reduced vision in low ambient light levels may result in loss of motorcycle control and an accident.

Note

During daylight hours the Daytime Running Lights (DRL) improve the motorcycles visibility to other road users.

Low beam headlights must be used in any other conditions unless the road conditions allow for high beam headlights to be used.

Low Fuel Warning Light



The low fuel indicator will illuminate when there are approximately 4.5 litres of fuel remaining in the tank.

Tyre Pressure Warning Light (if TPMS is fitted)

Warning

Stop the motorcycle if the tyre pressure warning light illuminates.

Do not ride the motorcycle until the tyres have been checked and the tyre pressures are at their recommended pressure when cold.

Note

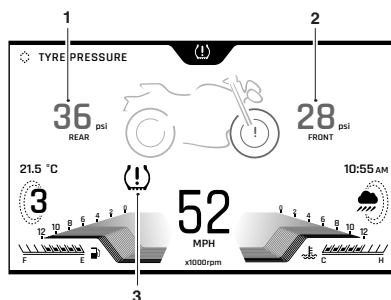
The Tyre Pressure Monitoring System (TPMS) is available as an accessory option on all models.



The tyre pressure warning light works with the Tyre Pressure Monitoring System (TPMS), refer to the owner's handbook for more information.

The warning light will only illuminate when the front or rear tyre pressure is below the recommended pressure. It will not illuminate if the tyre is over inflated.

When the warning light is illuminated, the TPMS symbol indicating which is the deflated tyre and its pressure will automatically be shown in the display area.













1. Rear tyre indicator
2. Front tyre indicator
3. Tyre pressure warning light

The tyre pressure at which the warning light illuminates is temperature compensated to 20°C but the numeric pressure display associated with it is not. Even if the numeric display seems at or close to the standard tyre pressure when the warning light is on, a low tyre pressure is indicated and a puncture is the most likely cause.

Warning and Information Messages

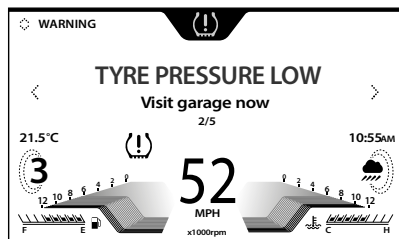
It is possible for multiple warning and information messages to be shown when a fault occurs. Where this is the case, warning messages will take priority over information messages and the warning symbol will be shown on the display. The number of currently active warning messages is shown in the information tray.

The following Warning and Information messages may be shown if a fault is detected on the motorcycle.

	LOW OIL PRESSURE - CHECK MANUAL (red indicator)
	CHECK ENGINE (amber indicator)
	ABS SYSTEM DISABLED - CHECK MANUAL (amber indicator)
	BATTERY LOW - CHECK MANUAL (red indicator)
	SENSOR SIGNAL FRONT/REAR TYRE - CHECK MANUAL (red indicator)
	BATTERY LOW FRONT/REAR TYRE - CHECK MANUAL (amber indicator)
	TC-SYSTEM DISABLED - CHECK MANUAL (amber indicator)
	SERVICE OVERDUE - CONTACT DEALER (amber indicator)
	BULB FAULT LEFT/RIGHT FRONT/REAR INDICATOR - CHECK MANUAL (amber indicator)
	CAUTION: LOW AIR TEMPERATURE - RISK OF SURFACE ICE

If more than one message is displayed then the down arrow becomes active, push the joystick down to show other messages.

Press the joystick centre to acknowledge and hide each message.



Tyre Pressure Low Warning Shown

Push the joystick left or right to review the warnings previously acknowledged.

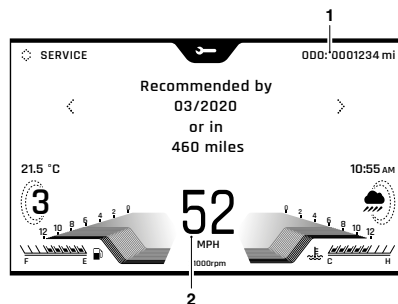
Previously acknowledged warnings will be shown until they have been rectified.

When a warning or information message is activated, the message will be accompanied by the relevant warning or information symbol in the instrument panel.

Odometer and Speedometer

The odometer shows the total distance that the motorcycle has travelled.

The speedometer indicates the road speed of the motorcycle.



1. Odometer
2. Speedometer

Instruments

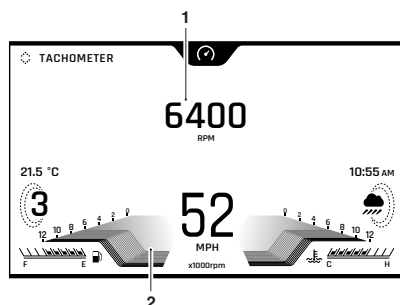
Tachometer



Caution

Never allow engine speed to enter the red zone as severe engine damage may result.

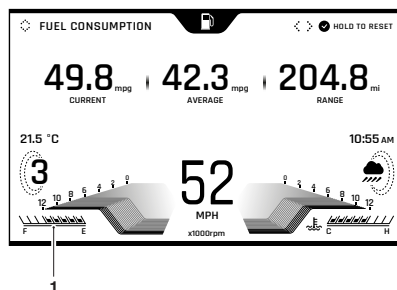
The tachometer shows the engine speed in revolutions per minute - rpm (r/min). At the end of the tachometer range there is the red zone. Engine speeds in the red zone are above maximum recommended engine speed and are also above the range for best performance.



1. Engine speed (rpm) shown in a numerical format
2. Engine speed (rpm) shown in a graph format

Fuel Gauge

The fuel gauge indicates the amount of fuel in the tank.



1. Fuel gauge

The fuel gauge colours described below may vary by different styles.

With the ignition switched on, a black line indicates the fuel remaining in the fuel tank.

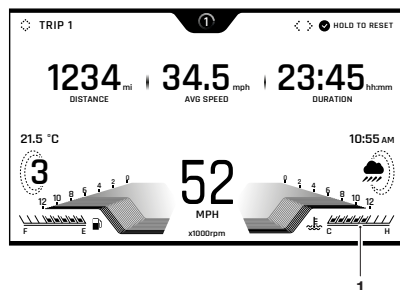
When the fuel tank is full, a black line is shown and when empty, a grey line is shown. Other gauge markings indicate intermediate fuel levels between full and empty.

The low fuel warning light will illuminate when approximately 4.5 litres of fuel is remaining in the tank and you should refuel at the earliest opportunity. The range to empty and instantaneous fuel consumption will be also shown in the Information tray. Press the joystick centre to acknowledge and hide the low fuel warning.

After refuelling, the fuel gauge and range to empty information will be updated only while riding the motorcycle. Depending on the riding style, updating could take up to five minutes.

Coolant Temperature Gauge

The coolant temperature gauge indicates the temperature of the engine coolant.



1. Coolant temperature gauge

When the engine is started from cold the display will show grey bars. As the temperature increases more bars in the display will be shown illuminated. When the engine is started from hot the display will show the relevant number of illuminated bars, dependant on engine temperature.

The normal temperature range is between the C (Cold) and H (Hot) on the display.

With the engine running, if the engine coolant temperature becomes dangerously high, the high coolant temperature warning light on the display will be illuminated and the gauge will display in the information tray.

! Caution

Stop the engine immediately if the high coolant temperature warning light illuminates. Do not restart the engine until the fault has been rectified.

Severe engine damage will result from running the engine when the high coolant temperature warning light is illuminated.

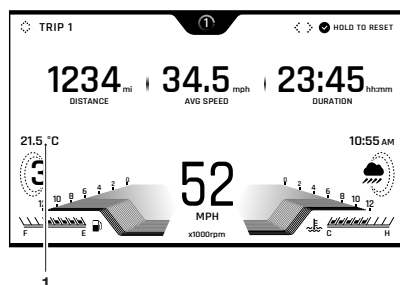
Instruments

Ambient Air Temperature

The ambient air temperature is displayed as either °C or °F.

When the motorcycle is stationary the heat of the engine may affect the accuracy of the ambient temperature display.

Once the motorcycle starts moving the display will return to normal after a short time.



1. Ambient air temperature

To change the temperature from °C or °F, see page 34.

Frost Symbol



Warning

Black ice (sometimes called clear ice) can form at temperatures several degrees above freezing, 0°C (32°F), especially on bridges and in shaded areas.

Always take extra care when the temperatures are low and reduce speed in potentially hazardous driving conditions such as bad weather.

Excess speed, hard acceleration, heavy braking or hard cornering when roads are slippery may result in loss of motorcycle control and an accident.



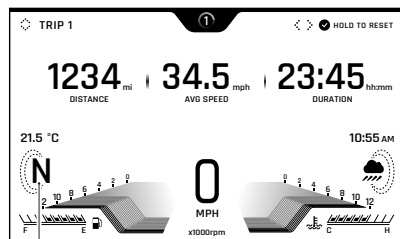
The frost symbol will illuminate if the ambient air temperature is 4°C (39°F) or lower.

The frost symbol will remain illuminated until the temperature rises to 6°C (42°F).

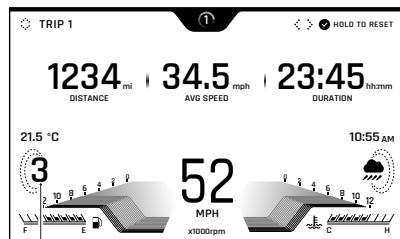
A message will also be shown in the information tray.

Gear Position Display

The gear position display indicates which gear (one to six) has been engaged. When the transmission is in neutral (no gear selected), the display will show N.



1. Gear position display (neutral position displayed)

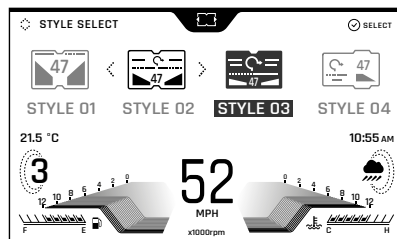


1. Gear position display (third gear displayed)

Display Styles

There are four different display styles to select from.

Style 03 is used for visual recognition and consistency throughout this owner's handbook.














To select a style, see page 47 for more information.

Instruments

Display Navigation

The table below describes the instrument icons and buttons used to navigate through the instrument menus described in this handbook.

	Home button (right hand switch housing).
	Mode button (left hand switch housing).
	Joystick left/right or up/down.
	Joystick Centre (press).
	Selection arrow (right shown).
	Information Tray - left/right scroll using the joystick.
	Information Tray - up/down scroll using the joystick.
	Option available within the Information Tray - scroll using the joystick up/down.
	Short press (press and release) using the joystick centre.
	Long press (press and hold) using the joystick centre.
	Reset current feature, (only available with joystick long press).










Riding Modes

The riding modes allow adjustment of the throttle response (MAP), Anti-lock Brake System (ABS) and Traction Control (TC) settings to suit differing road conditions and rider preferences.

Riding modes can be conveniently selected using the MODE button located on the left hand switch housing, whilst the motorcycle is stationary or moving, see page 21.

Up to five riding modes are available depending on the motorcycle model's specification.

If the rider edits a riding mode (other than the RIDER mode), the icon will change as shown in the table below.

Default Icon	Rider Edited Icon	Description
		RAIN
		ROAD
		SPORT
		TRACK
	-	RIDER

Each riding mode is adjustable, refer to your motorcycle Owner's Handbook for more information.

Riding Mode Selection

Warning

The selection of riding modes whilst the motorcycle is in motion requires the rider to allow the motorcycle to coast (motorcycle moving, engine running, throttle closed, clutch lever pulled in and no brakes applied) for a brief period of time.

Riding mode selection whilst the motorcycle is in motion should only be attempted:

- At low speed
- In traffic free areas
- On straight and level roads or surfaces
- In good road and weather conditions
- Where it is safe to allow the motorcycle to briefly coast.

Riding mode selection whilst the motorcycle is in motion **MUST NOT** be attempted:

- At high speeds
- Whilst riding in traffic
- During cornering or on winding roads or surfaces
- On steeply inclined roads or surfaces
- In poor road/weather conditions
- Where it is unsafe to allow the motorcycle to coast.

Failure to observe this important warning will lead to loss of motorcycle control and an accident.

Warning

If Traction Control (TC) has been disabled in the Main Menu as described on page 29 then all TC settings that were saved for all riding modes will be overridden.

TC will remain off regardless of the riding mode selection, until it has been re-enabled or the ignition has been switched off then on again.

If the traction control is disabled, the motorcycle will handle as normal but without traction control. In this situation accelerating too hard on wet/slippery road surfaces may cause the rear wheel to slip, and may result in loss of motorcycle control and an accident.

Warning

After selecting a riding mode, operate the motorcycle in an area free from traffic to gain familiarity with the new settings.

Do not loan your motorcycle to anyone as they may change the riding mode settings from the one you are familiar with, causing loss of motorcycle control and an accident.

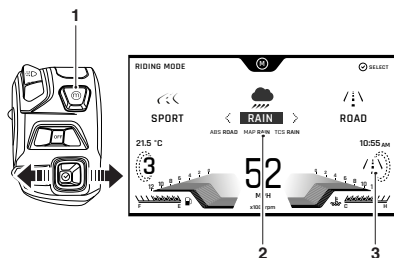
Instruments

Note

The riding mode will default to **ROAD** when the ignition is switched **ON**, if the **TRACK** or **RIDER** Mode was active the last time the ignition was switched **OFF** with **TC** set to **TRACK** or **OFF** in the required mode.

Otherwise, the last selected riding mode will be remembered and activated when the ignition is switched **ON**.

If the mode icons are not shown when the ignition switch is in the **ON** position, make sure that the engine stop switch is in the **RUN** position.



1. **Mode button**
2. **New riding mode**
3. **Current riding mode**

To select a riding mode:

- Press and release the **MODE** button on the left hand switch housing to activate the riding mode selection tray.
- The currently active riding mode icon is shown in the right hand side of the display.

To change the selected riding mode:

- Press the joystick left or right, or repeatedly press the **MODE** button until the required riding mode is highlighted in the centre of the riding mode information tray.
- A brief press of the joystick centre will select the required riding mode, and the riding mode icon in the right hand side of the display will change.
- The selected mode is activated once the following conditions for switching modes have been met:

Motorcycle Stationary - Engine Off

- The ignition is switched **ON**.
- The engine stop switch is in the **RUN** position.

Motorcycle Stationary - Engine Running

- Neutral gear is selected or the clutch is pulled in.

Motorcycle in Motion

Within 30 seconds of selecting a riding mode the rider must carry out the following simultaneously:

- Close the throttle.
- Make sure that the brakes are not engaged (allow the motorcycle to coast).

Note

It is not possible to select **TRACK** or **RIDER** modes whilst the motorcycle is in motion, if the TC settings are set to **TRACK** or **OFF** in either of those modes.

In this case, the motorcycle must be brought to a stop before the riding mode change can take place.

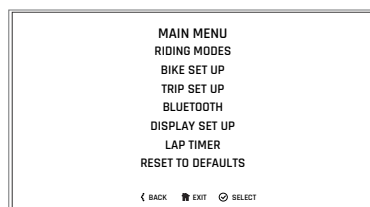
If a riding mode change is not completed, the riding mode icon will alternate between the previous riding mode and the newly selected riding mode until the change is complete or it is cancelled.

The riding mode selection is now complete and normal riding can be resumed.

Main Menu

To access the Main menu:

- The motorcycle must be stationary with the ignition switched on.
- Press the HOME button on the right handlebar switch housing.
- Scroll the Main menu by pushing the joystick down/up until the required option is selected and then press the joystick centre to confirm.



Main Menu Screen

The Main menu allows access to the following options:

Riding Modes

This menu allows configuration of the riding modes. For more information, see Riding Modes Menu.

Bike Set Up

This menu allows configuration of the different features of the motorcycle. For more information, see page 25.

Instruments

Trip Set Up

This menu allows configuration of Trip 1 and Trip 2. For more information, see page 30.

Bluetooth®

This menu allows configuration of the Bluetooth® connectivity. For more information, see the My Triumph Connectivity Handbook.

The My Triumph Connectivity Handbook is also available on the internet at: <https://www.triumphinstructions.com/>

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

Display Set Up

This menu allows configuration of the display options. For more information, see page 32.

Lap Timer

This menu allows configuration of the lap timer and the viewing of lap timer data. For more information, see page 37.

Reset to Defaults

This menu allows all instrument settings to be returned to the default setting. For more information, see page 40.

Riding Modes Menu

The Riding Modes menu allows configuration of the riding modes.

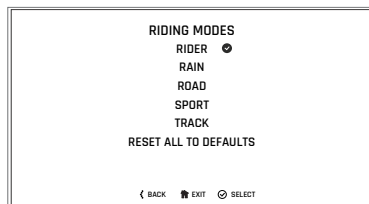
Depending on the motorcycle model, the following options may be available:

- Rider
- Rain
- Road
- Sport
- Track.

Refer to your motorcycle Owner's Handbook for all specific riding mode configurations.

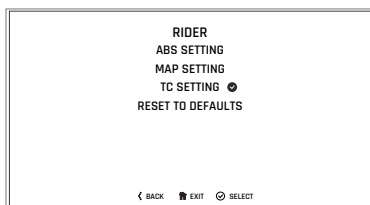
To access the Riding Modes menu:

- From the MAIN MENU, push the joystick down and select RIDING MODES.
- Press the joystick centre to confirm.

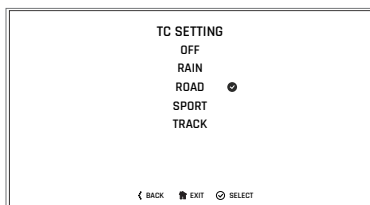


- Scroll down/up using the joystick to select the required riding mode. Press the joystick centre to confirm.

- The relevant setting options for the selected riding mode are now shown.



To change a setting, scroll down/up using the joystick until the required setting option is highlighted and press the joystick centre to select.

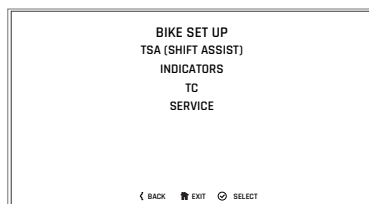


Bike Set Up Menu

The Bike Set Up menu allows configuration of the different features of the motorcycle.

To access the Bike Set Up menu:

- From the MAIN MENU, push the joystick down and select BIKE SET UP.
- Press the joystick centre to confirm.



Instruments

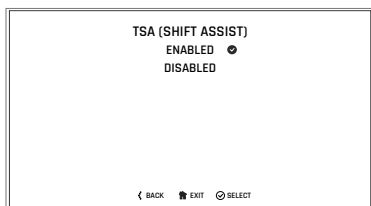
Bike Set Up - TSA (Shift Assist) (if fitted)

Triumph Shift Assist (TSA) triggers a momentary engine torque change to allow gears to engage, without closure of the throttle or operation of the clutch. This feature works for both up-changes and down-changes of gear.

The clutch must be used for stopping and pulling away.

TSA will not operate if the clutch is applied or if an up-change is attempted by mistake when in 6th gear.

It is necessary to use a positive pedal force to make sure there is a smooth gear change.



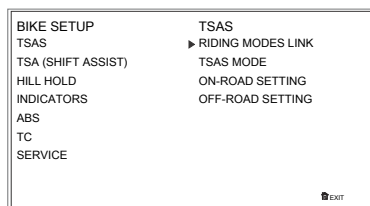
To enable/disable TSA:

- From the Bike Set Up menu, push the joystick down to select TSA (SHIFT ASSIST) and press the joystick to confirm.
- Push the joystick down/up to scroll between ENABLED and DISABLED.
- Press the joystick centre to confirm the required selection.
- The display will then return to the Bike Set Up menu.

For more information on Triumph Shift Assist (TSA), refer to the Owner's Handbook.

Bike Set Up - TSAS (if fitted)

The Triumph Semi-Active Suspension System (TSAS) controls adjustment of the front and rear suspension damping and automatic rear suspension preload settings. For more information on TSAS, refer to the Owner's Handbook.



Riding Modes Link

The riding modes link allows you to enable or disable the link between TSAS and the riding modes.

If the riding modes link is disabled, changes made to the TSAS damping settings will remain active until further adjustment takes place, regardless of riding mode selection.

If the riding modes link is enabled, any adjustments made to the TSAS damping settings will be saved to the currently active riding mode. The new TSAS settings will be automatically recalled whenever the riding mode is reselected. The riding mode's previous TSAS settings will be overwritten.

If the riding modes link is enabled and a new riding mode is selected, the new riding mode's TSAS settings will automatically become active.

To disable or enable the TSAS riding modes link:

- Press the joystick centre to select RIDING MODES LINK.
- Push the joystick down/up to scroll between DISABLED and ENABLED.
- Press the joystick centre to select the required option.

Mode

This allows the adjustment of the settings from soft to hard by adjusting the rebound and compression damping settings.

Selecting AUTO sets the TSAS system to automatically detect the type of surface being ridden on (road or off-road) and will adjust the rebound and compression damping settings accordingly.

Setting On-Road

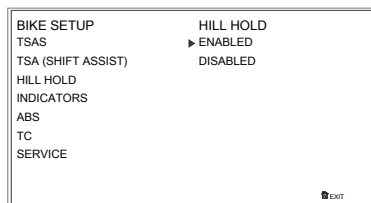
This applies the optimal TSAS settings for on-road use and adjusts the rebound and compression damping settings accordingly.

Setting Off-Road

This applies the optimal TSAS settings for off-road use and adjusts the rebound and compression damping settings accordingly.

Bike Set Up - Hill Hold Control (if fitted)

Hill hold control assists in making hill starts. The system (when activated) will apply the rear brake to hold the motorcycle in position. The system will then automatically deactivate and release the rear brake when it detects that the motorcycle is attempting to move off.



To enable/disable hill hold control:

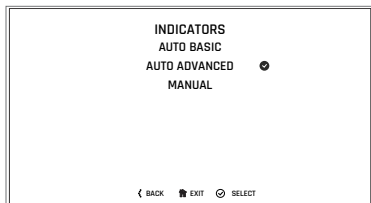
- From the Bike Set Up menu, push the joystick down to select HILL HOLD and press the joystick centre to confirm.
- Push the joystick down to select either ENABLED or DISABLED.
- Press the joystick centre to confirm the required selection.
- The display will then return to the Bike Set Up menu.

For more information on hill hold control, refer to the Owner's Handbook.

Instruments

Bike Set Up - Direction Indicators

The direction indicators can be set to Auto Basic, Auto Advanced or Manual mode.



Selecting a Direction Indicators Mode

To select the required direction indicators mode:

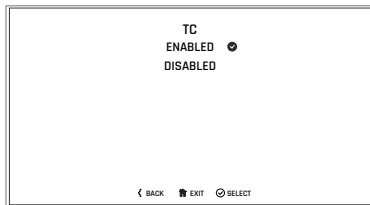
- From the Bike Set Up menu, push the joystick down to select INDICATORS and press the joystick centre to confirm.
- Push the joystick down/up to scroll between AUTO BASIC, AUTO ADVANCED and MANUAL.
 - Auto Basic - The self-cancelling function is on. The direction indicators will activate for eight seconds and an additional 65 metres.
 - Auto Advanced - The self-cancelling function is on. A short press activates the direction indicators for three flashes. A longer press activates the direction indicators for eight seconds and an additional 65 metres.
 - Manual - The self-cancelling function is off. The direction indicators must be manually cancelled using the direction indicator switch.
- Press the joystick centre to confirm the required selection.
- The display will then return to the Bike Set Up menu.

Bike Set Up - Traction Control (TC)

The Traction Control (TC) system can be temporarily disabled. The Traction Control (TC) system cannot be permanently disabled, it will be automatically enabled when the ignition is turned off and then on again.

To disable or enable the TC system:

- From the BIKE SET UP menu, press the joystick centre to select TC.
- Push the joystick down/up to scroll between ENABLED and DISABLED.



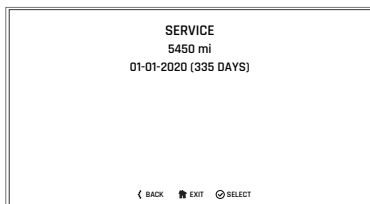
- Press the joystick centre to select the required option.
- Once selected the display will return to the BIKE SET UP display.

Bike Set Up - Service

The service interval is set to a distance and/or time period.

To review the service interval:

- From the BIKE SET UP menu, push the joystick down to select SERVICE.
- Press the joystick centre to display the SERVICE information.



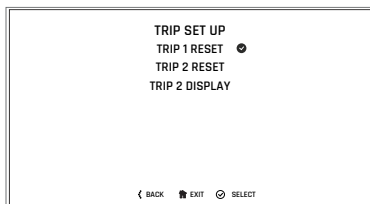
Instruments

Trip Set Up Menu

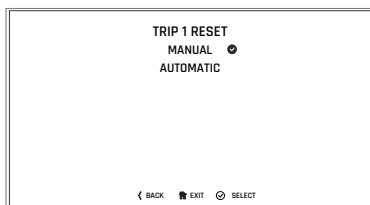
This menu allows the configuration of the trip meters.

To access the Trip Set Up menu:

- From the MAIN MENU, push the joystick down and select TRIP SET UP.
- Press the joystick centre to confirm.



Selecting TRIP 1 RESET or TRIP 2 RESET allows the relevant trip meter to be configured manually or automatically. The set up procedure is the same for both trip meters.



Manual reset will only reset the selected trip meter when the rider chooses to do so.

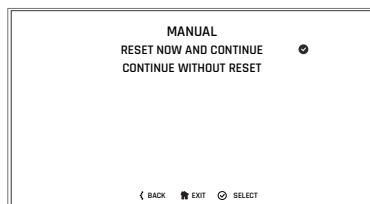
Automatic reset will reset each trip meter after the ignition has been switched off for a set time.

Trip meter 2 can be enabled or disabled.

Trip Set Up - Manual Reset

To set the trip computer to reset manually:

- From the TRIP SETUP menu, push the joystick down and then press the joystick centre to select TRIP 1 RESET or TRIP 2 RESET.
- Push the joystick centre to select MANUAL.



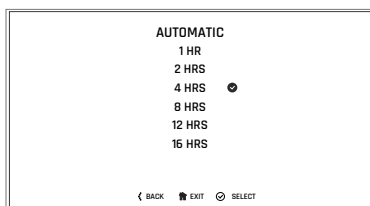
There are two options:

- RESET NOW AND CONTINUE - Resets all trip meter data in the relevant trip meter.
- CONTINUE WITHOUT RESET - Any trip meter data in the relevant trip meter will not be reset.

Trip Set Up - Automatic Reset

To set the trip computer to automatically reset:

- From the TRIP SETUP menu, push the joystick down/up and then press the joystick centre to select TRIP 1 RESET or TRIP 2 RESET.
- Push the joystick down/up to select AUTOMATIC and then press the joystick centre to confirm.
- Using the joystick down/up, choose the timer setting and press the joystick centre to confirm the required time limit.
- The required time limit is then stored in the trip memory. A tick is shown to indicate the selected option.
- When the ignition is turned off, the trip meter is set to zero when the time period has elapsed.

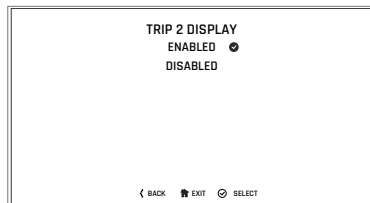


The following table shows two examples of the automatic trip reset functionality.

Ignition Turned Off	Selected Time Delay	Trip Meter Resets to Zero
10:30 hrs	4 HRS	14:30 hrs
18:00 hrs	16 HRS	10:00 hrs (next day)

Trip 2 Enable/Disable

Trip 2 meter can be enabled or disabled. If trip 2 meter is disabled, it will no longer be shown in the information tray.



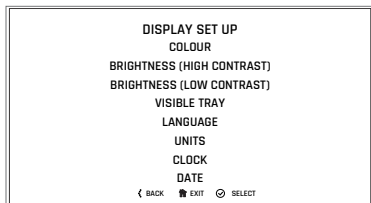
To enable or disable the Trip 2 meter:

- From the TRIP SET UP menu, push the joystick down/up to scroll to the TRIP 2 DISPLAY. Press the joystick centre to confirm.
- Push the joystick down/up to scroll between ENABLED and DISABLED. Press the joystick centre to confirm. A tick is shown to indicate the selected option.

Instruments

Display Set Up Menu

The Display Set Up menu allows configuration of the different display screen options.



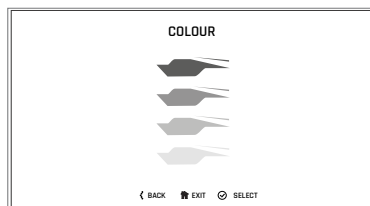
To access the Display Set Up menu:

- From the MAIN MENU, push the joystick down and select DISPLAY SET UP. Press the joystick centre to confirm.
- Select the required option from the list to access the relevant information.

Display Set Up - Colour

To select a different colour for the display information:

- From the DISPLAY SET UP menu, push the joystick down/up to select COLOUR.
- Press the joystick centre to confirm.



- Push the joystick down/up to scroll between the four different coloured icons. There are four colour options available; blue, green, yellow and white.
- Press the joystick centre to select the required colour.
- The new colour is then applied to the instrument display for all styles. Press the HOME button to exit.

Display Set Up - Brightness

There are two brightness options to select from:

- High contrast - day time mode
- Low contrast - night time mode

To adjust the brightness:

- From the DISPLAY SET UP menu, push the joystick down to select BRIGHTNESS (HIGH CONTRAST) or BRIGHTNESS (LOW CONTRAST) menu.
- Press the joystick centre to select the required menu.



Brightness (High Contrast) Shown

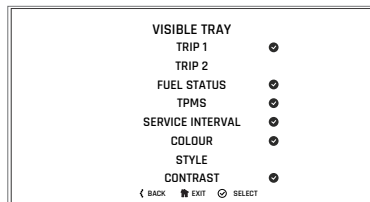
- Push the joystick left/right to adjust the brightness.
- Press the joystick centre to confirm the required level of brightness.
- Press the HOME button to return to the main display.

Note

In bright sunlight, low brightness settings will be overridden to make sure that the instruments can be viewed at all times.

Display Set Up - Visible Tray

The Visible Tray menu allows the selection of the items to be shown in the information tray.



To select the Visible Tray menu:

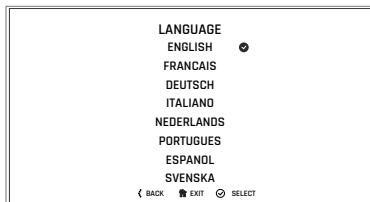
- From the DISPLAY SET UP menu, push the joystick down to select the VISIBLE TRAY option.
- Press the joystick centre to show the available options.
- Scroll the menu by moving the joystick down/up until the required option is highlighted.
- Press the joystick centre to select/deselect the information trays.

An information tray item with a tick next to it will be shown in the tray. An information tray item without a tick next to it will not be shown in the tray.

Instruments

Display Set Up - Language

The Language menu allows the preferred language to be used as the instrument display language.

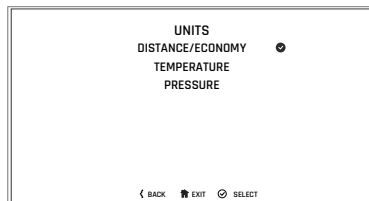


To select the required language for the instrument display:

- From the DISPLAY SET UP menu, push the joystick down to select the LANGUAGES option.
- Press the joystick centre to confirm and display the available language options.
- Scroll the menu by pushing the joystick down/up until the required language option is highlighted.
- Press the joystick centre to select/deselect the correct LANGUAGE. A tick is shown to indicate the selected option.
- Press the joystick centre to confirm the language option.

Display Set Up - Units

The Units menu allows the selection of a preferred unit of measurement.



To select the required units of measurement:

- From the DISPLAY SET UP menu, push the joystick down and select UNITS.
- Press the joystick centre to confirm.

To change the unit of measurement:

- Push the joystick down/up to highlight the required option (DISTANCE/ECONOMY, TEMPERATURE or PRESSURE).
- Press the joystick centre to select. A tick is shown to indicate the selected option.
- Push the joystick down/up to select the required unit of measurement.
- Press the joystick centre to confirm. A tick is shown to indicate the selected option.

The options available are:

Economy:

- Miles & MPG (UK)
- Miles & MPG (US)
- KM & L/100KM
- KM & KM/L

Temperature:

- °C
- °F

Pressure:

- PSI
- bar
- KPa

Display Set Up - Clock

The Clock menu allows the adjustment of the clock to be set to the local time.

To set the clock:

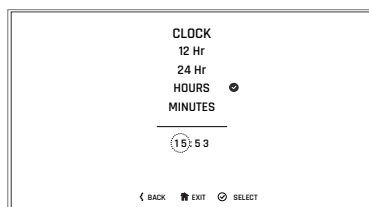
- From the Display Set Up menu, push the joystick down to select **CLOCK** and press the joystick centre to confirm.
- Push the joystick down/up to select between either 12 Hr or 24 Hr clock and press the joystick centre to confirm selection. A tick is shown to indicate the selected option.

The clock will display in either 12 or 24 hour format. Once the clock format is set, the display will return to the **CLOCK** menu.

To set the time, push the joystick down/up to select **HOURS** or **MINUTES**.

To adjust the hour setting:

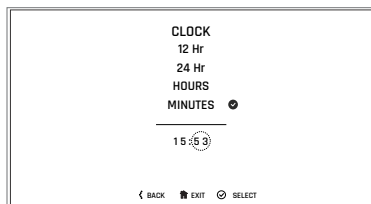
- Select **HOURS** on the display and press the joystick centre. A tick will appear next to **HOURS** and the hour display will flash as shown below.
- Push the joystick down/up to set the hour. Press the joystick centre to confirm.



Instruments

To adjust the minute setting:

- Select MINUTES on the display and press the joystick centre. A tick will appear next to MINUTES and the minute display will flash as shown below.
- Push the joystick down/up to set the minute. Press the joystick centre to confirm.

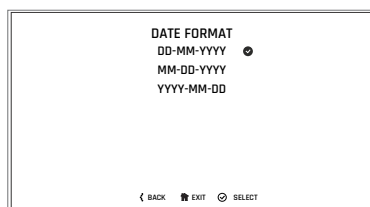


Display Set Up - Date

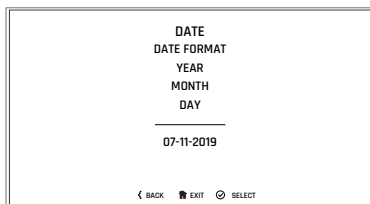
This function allows the date and date format to be adjusted.

To set the date and date format:

- From the DISPLAY SET UP menu, push the joystick down to select DATE and press the joystick centre to confirm.
- Push the joystick down/up to select DATE FORMAT. Press the joystick centre to confirm.



- Push the joystick down/up to select either of the date format options and press the joystick centre to confirm selection. A tick is shown to indicate the selected option.
- Once the date format is set the display will return to the DATE menu.



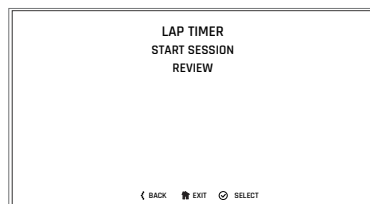
To set the date:

- From the DISPLAY SET UP menu, push the joystick down to select DATE and press the joystick centre to confirm.
- Push the joystick down/up to select YEAR and press the joystick centre to confirm. The YEAR display will flash.
- Push the joystick down/up to set the current year and then press the joystick centre to confirm.
- To set the MONTH and DAY repeat the procedure used to set the year.

Lap Timer (if fitted)

To set the lap timer option, the motorcycle must be stationary with the ignition turned to the ON position.

- Push the HOME button to show the MAIN MENU.
- Push the joystick down and then press joystick centre to select LAP TIMER.



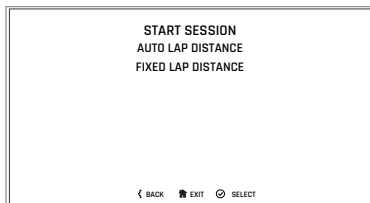
The options available are:

- START SESSION
- REVIEW (Review is available only if lap timer data is stored).

Instruments

Lap Timer - Start Session

This function allows the lap timer options to be set.



There are two options available:

- **AUTO LAP DISTANCE** - The motorcycle odometer is used to calculate the lap distance and average speed. The lap distance is accurate to +/-50 metres.
- **FIXED LAP DISTANCE** - Allows the exact lap distance in yards or metres to be set. The lap timer uses the set distance to calculate a more accurate average speed, compared to Auto Lap Distance.

AUTO LAP DISTANCE

To set the auto lap distance:

- Push the joystick down/up to select **AUTO LAP DISTANCE** and press the joystick centre to start the lap timer session.

FIXED LAP DISTANCE

To set the fixed lap distance:

- Push the joystick down/up to select **FIXED LAP DISTANCE** and press the joystick centre. The **UNITS** and **SET DISTANCE** menus will be shown.

UNITS



SET DISTANCE

To manually input a measured distance:

- Using the joystick left/right and up/down, input the measured distance in metres or yards.
- Press the joystick centre to confirm the selection.



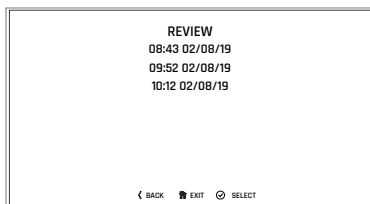
To start the lap timer, see page 37.

Lap Timer - Review

This function allows the rider to review any stored sessions.

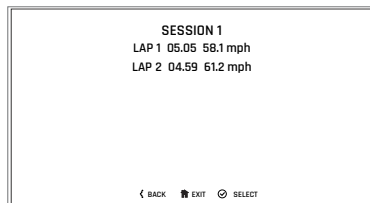
To select the LAP TIMER - REVIEW menu the motorcycle must be stationary with the ignition turned to the ON position.

- Push the HOME button to show the MAIN MENU.
- Push joystick down and then press joystick centre to select LAP TIMER.
- Push joystick down to select the REVIEW menu.



- Push joystick centre to display the stored sessions.
- Scroll the menu by moving the joystick up/down until the required session is highlighted.
- Press joystick centre to select the required session and review the stored lap times using joystick up/down.

Sessions are stored in time and date order.



Note

The lap timer will store up to five sessions and up to 24 laps per session. Once this limit is reached, earlier sessions will be overwritten.

Instruments

Reset to Defaults

The Reset to Default option allows the Main Menu display items to be reset to the default setting.



To reset the Main Menu display items:

- From the Main Menu, push the joystick down and select RESET TO DEFAULTS.
- Push the joystick down/up to select CONFIRM or CANCEL. Press the joystick centre to confirm the selection.
- **Confirm** - The following main menu settings and data will be reset to the factory default values - Riding Modes, Indicator Set Up, Trip Computers, Visible Trays, Language, Traction Control, Style, Display Brightness, Lap Timer settings and data.
- **Cancel** - The main menu settings and data will remain unchanged and the display will return to the previous menu level.

Information Tray

Warning

When the motorcycle is in motion, only attempt to switch between the information tray modes or reset the fuel information under the following conditions:

- At low speed
- In traffic free areas
- On straight and level roads or surfaces
- In good road and weather conditions.

Failure to observe this important warning could lead to loss of motorcycle control and an accident.

Note

To access the information tray, any warning messages must first be acknowledged, see page 41.

The information tray appears in the top section of the display screen for styles 01, 02 and 03. It appears on the left hand side of the display screen for style 04. It allows easy access to different motorcycle status information.

To view the different information tray items, push the joystick left/right until the required information tray item is shown.

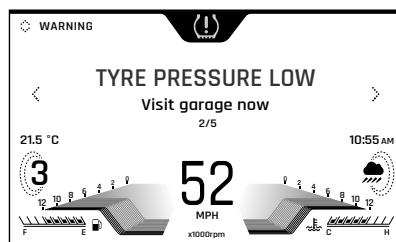
The information tray contains the following information tray items:

- Warnings and Information Messages, see page 41
- Trip Meter, see Trip Meter
- Fuel Consumption, see Fuel Consumption
- Tyre Pressure Monitoring System (TPMS) (if fitted), see Tyre Pressure Monitoring System (TPMS) (if fitted)
- Service Interval, see Service
- Colour, see Colour
- Screen Contrast, see Screen Contrast
- Brightness, see Brightness
- Style Select, see Style Select
- Lap Timer (if fitted), see Lap Timer.

Different information tray items can be shown or hidden from the information tray. For further information, refer to page 33.

Warning Review

Any warnings and information messages are shown in the Warnings tray. An example is shown below.



To view the warnings:

- Push the joystick down/up to scroll through the options until the warning review is shown.
- Push the joystick left/right to review each warning (if more than one). The warning counter will show the amount of warnings that are present.
- Push the joystick down/up to return to the information tray.

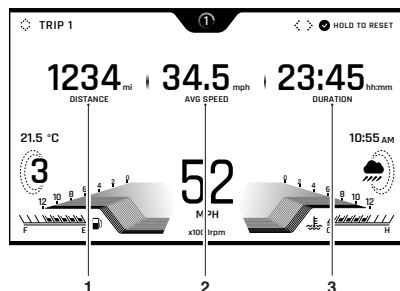
Low Battery Warning

If items such as heated grips are fitted and are on with the engine at idle, over a period of time, the battery voltage may drop below a predetermined voltage and a warning message will be shown in the Warnings tray.

Instruments

Trip Meter

There are two trip meters that can be accessed and reset in the information tray.



1. Distance travelled
2. Average speed
3. Duration of trip

To view a specific trip meter:

- Push the joystick left/right to scroll through the information tray items until Trip 1 meter is shown.
- Select TRIP 1 or TRIP 2 by pushing the joystick down/up.

Note

TRIP 2 meter can be shown or hidden from the information tray. For more information, see page 31.

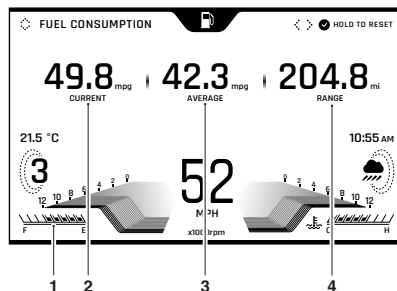
To reset a trip meter:

- Select the trip meter to be reset.
- Press and hold the joystick centre for more than one second.
- The trip meter will then be reset.

The trip meter can also be reset from the Main menu, see page 30.

Fuel Consumption

The Fuel Consumption information tray shows fuel consumption information.



1. Fuel gauge
2. Current fuel consumption
3. Average fuel consumption
4. Range to empty

Current Fuel Consumption

This is an indication of the fuel consumption at an instant in time. If the motorcycle is stationary, --.- will be shown in the display area.

Average Fuel Consumption

This is an indication of the average fuel consumption. After being reset the display will show dashes until 0.1 miles/km has been covered.

Range to Empty

This is an indication of the predicted distance that can be travelled on the remaining fuel in the tank.

Reset

To reset the average fuel consumption, press and hold the joystick centre.

Note

After refuelling, the fuel gauge and range to empty information will be updated only while riding the motorcycle. Depending on the riding style, updating could take up to five minutes.

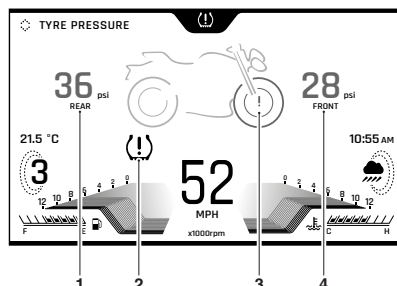
Tyre Pressure Monitoring System (TPMS) (if fitted)

Warning

Stop the motorcycle if the tyre pressure warning light illuminates.

Do not ride the motorcycle until the tyres have been checked and the tyre pressures are at their recommended pressure when cold.

The Tyre Pressure Monitoring System (TPMS) information tray shows the front and rear tyre pressures.



1. Rear tyre pressure indicator
2. Tyre pressure warning light
3. Low front tyre pressure warning shown
4. Front tyre pressure indicator

Tyre Pressure Warning Light

The tyre pressure warning light will only illuminate when the front or rear tyre pressure is below the recommended pressure. It will not illuminate if the tyre is over inflated.

Instruments

Front Tyre Pressure Indicator

This shows the current front tyre pressure.

Rear Tyre Pressure Indicator

This shows the current rear tyre pressure.

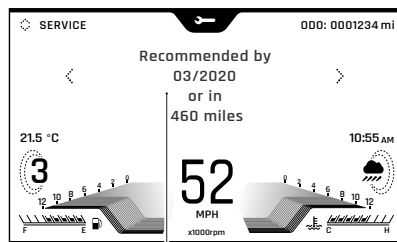
Low Tyre Pressure

The front or rear tyre will be highlighted on the motorcycle image to indicate that the tyre pressure is below the recommended pressure.

For more information on TPMS and tyre pressures, refer to the Owner's Handbook.

Service

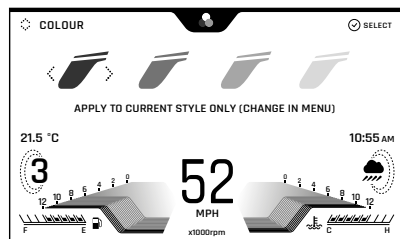
The Service information tray shows the distance and days remaining before the next service is recommended.



1. Service information

Colour

The Colour information tray allows a different colour to be applied to the current style. There are four colour options available; blue, green, yellow and white.

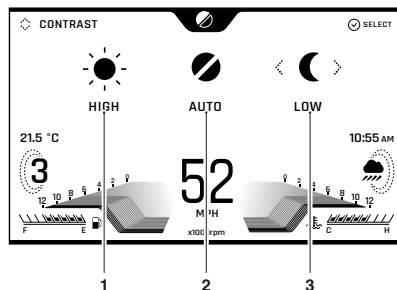


To apply a different colour to the current style:

- Push the joystick left/right to select the required colour.
- Press the joystick centre to confirm the required colour.
- The new colour is then applied to the current style.
- To apply a colour to all styles, see page 32.

Screen Contrast

The Contrast information tray allows the display screen contrast to be adjusted.



1. High contrast option
2. Auto contrast option
3. Low contrast option

There are three options available:

- HIGH - This option locks the display screen to the white background version of each display screen style for maximum visibility during the day.
- AUTO - This option uses the instrument light sensor to adjust the contrast to the most suitable setting. In bright sunlight, low brightness settings will be overridden to make sure the instruments can be viewed at all times.
- LOW - This option locks the display screen to the black background version of each display screen style for maximum visibility at night time.

Instruments

To select an option:

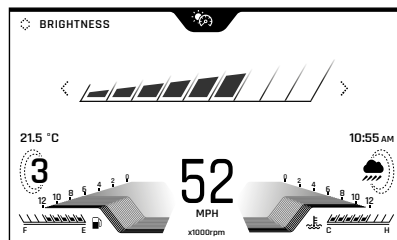
- Push the joystick left/right to select the HIGH, AUTO or LOW contrast option and press the joystick centre to confirm.
- If the rider defined brightness setting is suitable this will be used, see page 33.

Note

Do not cover the light sensor on the display screen as this will stop the screen brightness and contrast from working correctly.

Brightness

The Brightness information tray allows the brightness of the display screen to be adjusted.



To adjust the brightness of the display screen:

- Push the joystick left/right to increase/decrease the level of brightness.
- Press the joystick centre to confirm the required level of brightness.

Note

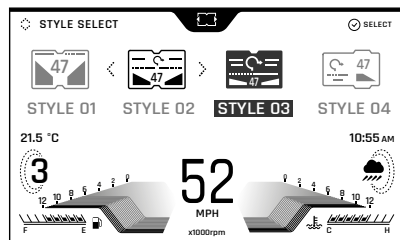
In bright sunlight, low brightness settings will be overridden to make sure that the instruments can be viewed at all times.

Note

Do not cover the light sensor on the display screen as this will stop the screen brightness and contrast from working correctly.

Style Select

The Style Select information tray allows a different style to be applied to the display screen.



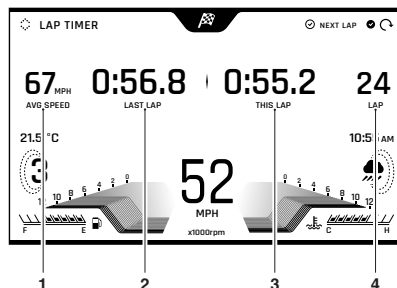
Style Select Information Tray (Style 03 Selected)

To change the display screen style:

- Push the joystick left/right to select the required style and then press the joystick centre to confirm.

Lap Timer

The Lap Timer information tray allows a certain distance/lap to be timed and compared against a previously timed lap.



1. Average speed
2. Last lap time
3. This lap time
4. Number of lap

To start a lap:

- Briefly press the joystick down/up or centre. The lap counter will start to count the first lap. This is shown as THIS LAP.
- Pressing the joystick down/up or centre will start a new lap, and the previous lap's time and average speed will be shown in the information tray as LAST.LAP next to the new lap time.
- A long press (longer than two seconds) of the joystick down/up or centre will stop the lap timer, clear the stored data and start a new lap time.
- The stored lap timer data is viewable from the Main Menu. For more information, see page 39.

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