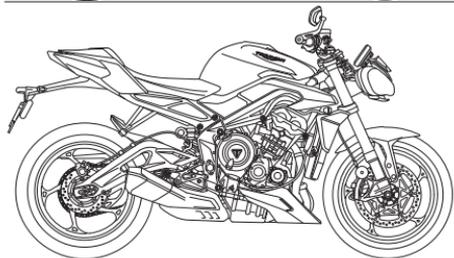
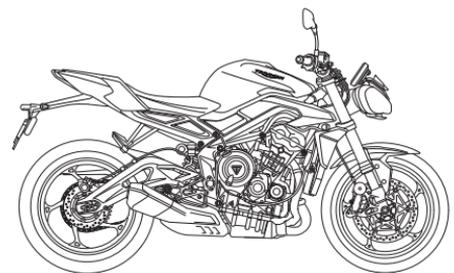




## Street Triple R, Street Triple RS and Street Triple Moto2™ Edition



This handbook contains information on the Triumph Street Triple R, Street Triple RS and Street Triple Moto2™ Edition 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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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.

- 03** FOREWORD
- 07** SAFETY FIRST
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## 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.**

## Warning Labels



At certain areas of the motorcycle, the symbol (above) can be seen. The symbol means CAUTION: REFER TO THE HANDBOOK and will be followed by a pictorial representation of the subject concerned and/or text.

Never attempt to ride the motorcycle or make any adjustments without reference to the relevant instructions contained in this handbook.

For the location of all labels showing this symbol, see the Warning Label Locations section of this Owner's Handbook. Where necessary, this symbol will also appear on the pages containing the relevant information.

## Maintenance

To ensure a long, safe and trouble free life for your motorcycle, maintenance should only be carried out by an authorised Triumph dealer.

Only an authorised Triumph dealer will have the necessary knowledge, equipment and skills to maintain your Triumph motorcycle correctly.

To locate your nearest authorised Triumph dealer, visit the Triumph web site at [www.triumph.co.uk](http://www.triumph.co.uk) or telephone the authorised distributor in your country. Their address is given in the service record book that accompanies this handbook.

## Noise Control System

Tampering with the noise control system is prohibited.

Owners are warned that the law may prohibit:

- ▼ The removal or rendering inoperative by any person other than for purposes of maintenance, repair or replacement, of any device or element of design incorporated into any new vehicle for the purpose of noise control prior to its sale or delivery to the ultimate purchaser or while it is in use and,
- ▼ the use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.

Among those acts presumed to constitute tampering are the acts listed below:

- ▼ Removal of, or puncturing the muffler, baffles, header pipes or any other component which conducts exhaust gases.
- ▼ Removal of, or puncturing of any part of the intake system.
- ▼ Lack of proper maintenance.
- ▼ Replacing any moving parts of the vehicle, or parts of the exhaust or intake system, with parts other than those specified by the manufacturer.

## Owner's Handbook

### Warning

The Owner's Handbook or Quick Start Guide (where supplied with the motorcycle), and all other documents 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 the Owner's Handbook, Quick Start Guide, and all other documents which are supplied with your motorcycle, before riding, in order to become thoroughly familiar with the correct operation of your motorcycle's controls, its features, capabilities and limitations.

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.

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

Please read this Owner's Handbook before riding in order to become thoroughly familiar with the correct operation of your motorcycle's controls, its features, capabilities and limitations.

This Owner's Handbook includes safe riding tips, but does not contain all the techniques and skills necessary to ride a motorcycle safely.

Triumph strongly recommends that all riders undertake the necessary training to ensure safe operation of this motorcycle.

This Owner's Handbook is available from your local dealer and online from [www.triumphmotorcycles.co.uk/handbooks](http://www.triumphmotorcycles.co.uk/handbooks) in:

- ▼ English
- ▼ US English
- ▼ Arabic
- ▼ Chinese
- ▼ Dutch
- ▼ French
- ▼ German
- ▼ Italian
- ▼ Japanese
- ▼ Portuguese (Brazil)
- ▼ Spanish
- ▼ Swedish
- ▼ Thai
- ▼ Finnish (available online only from [www.triumphmotorcycles.co.uk/handbooks](http://www.triumphmotorcycles.co.uk/handbooks))
- ▼ Portuguese (available online only from [www.triumphmotorcycles.co.uk/handbooks](http://www.triumphmotorcycles.co.uk/handbooks)).

The languages available for this Owner's Handbook are dependent on the specific motorcycle model and country.

## Talk to Triumph

Our relationship with you does not end with the purchase of your Triumph. 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 ensuring your authorised Triumph dealership has your email address and registers this with us. You will then receive an online customer satisfaction survey invitation to your email address where you can give us this feedback.

Your Triumph Team.

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## The Motorcycle

### Warning

This motorcycle is designed for on-road use only. It is not suitable for off-road use.

Off-road operation could lead to loss of control of the motorcycle resulting in an accident causing injury or loss of life.

### Warning

This motorcycle is not designed to tow a trailer or be fitted with a sidecar.

Fitting a sidecar and/or a trailer may result in loss of control and an accident.

### Warning

This motorcycle is designed for use as a two-wheeled vehicle capable of carrying a rider and up to one passenger (subject to a passenger seat and footrests being fitted).

The total weight of the rider, and any passenger, accessories and luggage must not exceed the maximum load limit as stated in the Specifications section.

### Warning

This motorcycle is fitted with a catalytic converter below the engine, which along with the exhaust system reaches a very high temperature during engine operation.

Flammable materials such as grass, hay/straw, leaves, clothing and luggage etc. could ignite if allowed to come into contact with any part of the exhaust system and catalytic converter.

Always make sure flammable materials are not allowed to contact the exhaust system or catalytic converter.

## Fuel and Exhaust Fumes

### Warning

PETROL IS HIGHLY FLAMMABLE:

Always turn off the engine when refuelling.

Do not refuel or open the fuel filler cap while smoking or in the vicinity of any open (naked) flame.

Take care not to spill any petrol on the engine, exhaust pipes or silencers when refuelling.

If petrol is swallowed, inhaled or allowed to get into the eyes, seek immediate medical attention.

Spillage on the skin should be immediately washed off with soap and water and clothing contaminated with petrol should immediately be removed.

Burns and other serious skin conditions may result from contact with petrol.

### Warning

Never start the engine or run the engine in a confined area.

Exhaust fumes are poisonous and can cause loss of consciousness and death within a short period of time.

Always operate the motorcycle in the open air or in an area with adequate ventilation.

## Helmet and Clothing



### Warning

When riding the motorcycle, both rider and passenger (on models where carrying a passenger is permitted) must always wear appropriate clothing including a motorcycle helmet, eye protection, gloves, boots, trousers (close fitting around the knee and ankle) and a brightly coloured jacket.

During off-road use (on models suitable for off-road use), the rider must always wear appropriate clothing including trousers and boots.

Brightly coloured clothing will considerably increase a rider's (or passenger's) visibility to other operators of road vehicles.

Although full protection is not possible, wearing correct protective clothing can reduce the risk of injury when riding.

 **Warning**

A helmet is one of the most important pieces of riding gear as it offers protection against head injuries. You and your passenger's helmet should be carefully chosen and should fit you or your passenger's head comfortably and securely. A brightly coloured helmet will increase a rider's (or passenger's) visibility to other operators of road vehicles.

An open face helmet offers some protection in an accident though a full face helmet will offer more.

Always wear a visor or approved goggles to help vision and to protect your eyes.

**Parking** **Warning**

Always switch off the engine and remove the ignition key before leaving the motorcycle unattended. By removing the key, the risk of use of the motorcycle by unauthorised or untrained persons is reduced.

When parking the motorcycle, always remember the following:

- Engage first gear to help prevent the motorcycle from rolling off the stand.
- The engine and exhaust system will be hot after riding. DO NOT park where pedestrians, animals and/or children are likely to touch the motorcycle.
- Do not park on soft ground or on a steeply inclined surface. Parking under these conditions may cause the motorcycle to fall over.

For further details, please refer to the 'How to Ride the Motorcycle' section of this Owner's Handbook.

# SAFETY FIRST

## Parts and Accessories

### Warning

Owners should be aware that the only approved parts, accessories and conversions for any Triumph motorcycle are those which carry official Triumph approval and are fitted to the motorcycle by an authorised dealer.

In particular, it is extremely hazardous to fit or replace parts or accessories whose fitting requires the dismantling of, or addition to, either the electrical or fuel systems and any such modification could cause a safety hazard.

The fitting of any non-approved parts, accessories or conversions may adversely affect the handling, stability or other aspect of the motorcycle operation that may result in an accident causing injury or death.

Triumph does not accept any liability whatsoever for defects caused by the fitting of non-approved parts, accessories or conversions or the fitting of any approved parts, accessories or conversions by non-approved personnel.

## Maintenance and Equipment

### Warning

Consult your authorised Triumph dealer whenever there is doubt as to the correct or safe operation of this Triumph motorcycle.

Remember that continued operation of an incorrectly performing motorcycle may aggravate a fault and may also compromise safety.

### Warning

Make sure all equipment that is required by law is installed and functioning correctly.

The removal or alteration of the motorcycle's lights, silencers, emission or noise control systems can violate the law.

Incorrect or improper modification may adversely affect the handling, stability or other aspect of the motorcycle operation, which may result in an accident causing injury or death.

### Warning

If the motorcycle is involved in an accident, collision or fall, it must be taken to an authorised Triumph dealer for inspection and repair.

Any accident can cause damage to the motorcycle that, if not correctly repaired, may cause a second accident that may result in injury or death.

## Riding

### Warning

Never ride the motorcycle when fatigued or under the influence of alcohol or other drugs.

Riding when under the influence of alcohol or other drugs is illegal.

Riding when fatigued or under the influence of alcohol or other drugs reduces the rider's ability to maintain control of the motorcycle and may lead to loss of control and an accident.

### Warning

All riders must be licenced to operate the motorcycle.

Operation of the motorcycle without a licence is illegal and could lead to prosecution.

Operation of the motorcycle without formal training in the correct riding techniques that are necessary to become licenced is dangerous and may lead to loss of motorcycle control and an accident.

### Warning

Always ride defensively and wear the protective equipment mentioned elsewhere in this foreword.

Remember, in an accident, a motorcycle does not give the same impact protection as a car.

### Warning

This Triumph motorcycle should be operated within the legal speed limits for the particular road travelled.

Operating a motorcycle at high speeds can be potentially dangerous since the time available to react to given traffic situations is greatly reduced as road speed increases.

Always reduce speed in potentially hazardous driving conditions such as bad weather or heavy traffic.

### Warning

Continually observe and react to changes in road surface, traffic and wind conditions. All two-wheeled vehicles are subject to external forces which may cause an accident. These forces include but are not limited to:

- Wind draft from passing vehicles
- Potholes, uneven or damaged road surfaces
- Bad weather
- Rider error.

Always operate the motorcycle at moderate speed and away from heavy traffic until you have become thoroughly familiar with its handling and operating characteristics. Never exceed the legal speed limit.

# SAFETY FIRST

## Wobble/Weave

A weave is a relatively slow oscillation of the rear of the motorcycle, while a wobble is a rapid, possibly strong shaking of the handlebar. These are related but distinct stability problems usually caused by excessive weight in the wrong place, or by a mechanical problem such as worn or loose bearings or under-inflated or unevenly worn tires.

Your solution to both situations is the same. Keep a firm hold on the handlebars without locking arms or fighting the steering. Smoothly ease off the throttle to slow gradually. Do not apply the brakes, and do not accelerate to try to stop the wobble or weave. In some cases, it helps to shift your body weight forward by leaning over the tank.

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## Handlebars and Footrests

### Warning

The rider must maintain control of the motorcycle by keeping hands on the handlebars at all times.

The handling and stability of a motorcycle will be adversely affected if the rider removes their hands from the handlebars, resulting in loss of motorcycle control and an accident.

### Warning

The rider and passenger (if applicable) must always use the footrests provided, during operation of the motorcycle.

By using the footrests, both rider and passenger will reduce the risk of inadvertent contact with any motorcycle components and will also reduce the risk of injury from entrapment of clothing.

 **Warning**

Use of a motorcycle with bank angle indicators worn beyond the maximum limit will allow the motorcycle to be banked to an unsafe angle. Therefore, always replace the bank angle indicators before they are worn to their maximum limit.

Banking to an unsafe angle may cause instability, loss of motorcycle control and an accident.

Details of the bank angle wear limits can be found in the Maintenance and Adjustment section.

 **Warning**

The bank angle indicators must not be used as a guide to how far the motorcycle may be safely banked.

This depends on many various conditions including, but not limited to, road surface, tyre condition and weather.

Banking to an unsafe angle may cause instability, loss of motorcycle control and an accident.

 **Warning**

When banking and the bank angle indicator, attached to the rider's footrest, makes contact with the ground, the motorcycle is nearing its bank angle limit.

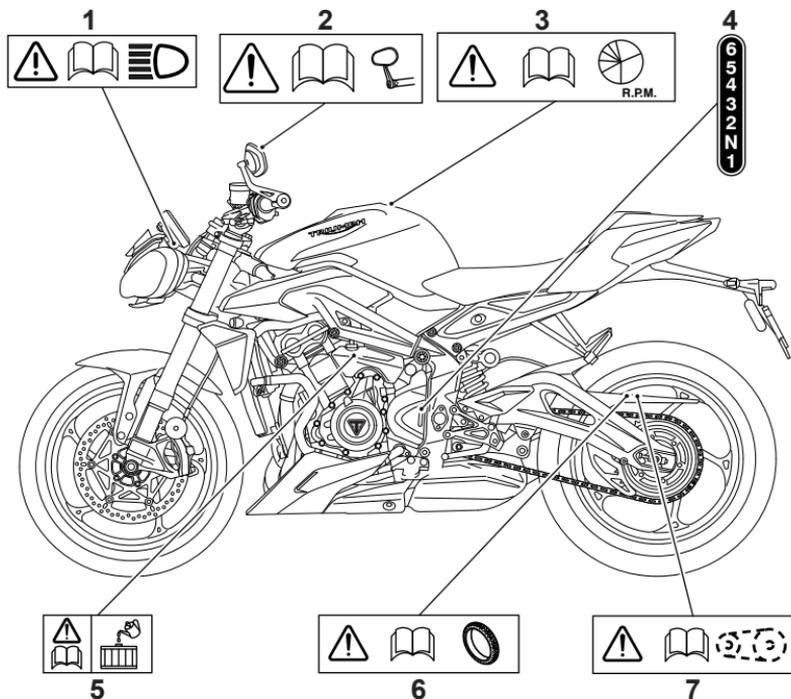
A further increase of the banking angle is unsafe.

Banking to an unsafe angle may cause instability, loss of motorcycle control and an accident.

# WARNING LABELS

## Left Hand Side

The labels detailed on this and the following pages draw your attention to important safety information in this handbook. Before riding, make sure that all riders have understood and complied with all the information to which these labels relate.



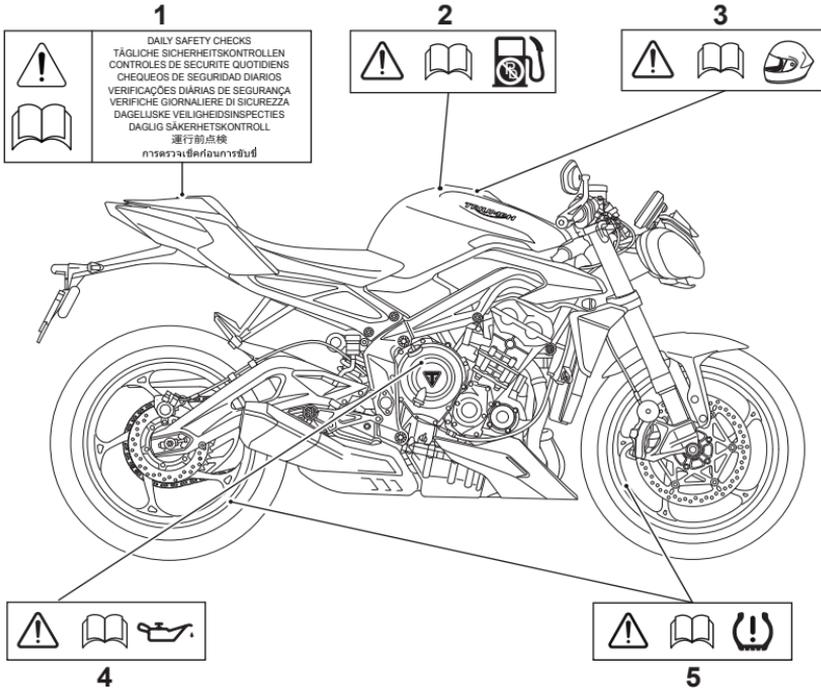
1. Headlights (page 203)
2. Mirrors (page 173)
3. Running-in (page 122)
4. Gears (page 128)

5. Coolant (page 153)
6. Tyres (page 189)
7. Drive chain (page 160)

## Right Hand Side

### Caution

All warning labels and decals, with the exception of the Running-in label, are fitted to the motorcycle using a strong adhesive. In some cases, labels are installed prior to an application of paint lacquer. Therefore, any attempt to remove the warning labels will cause damage to the paintwork or bodywork.

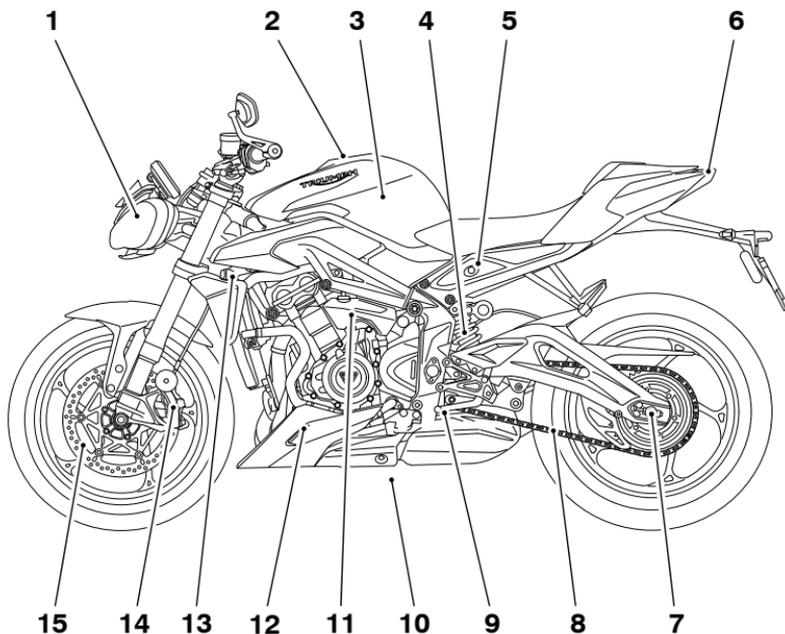


1. Daily safety checks (page 123)
2. Unleaded fuel (page 106)
3. Helmet (page 08)

4. Engine oil (page 149)
5. Tyre Pressure Monitoring System (TPMS) (if fitted) (page 190)

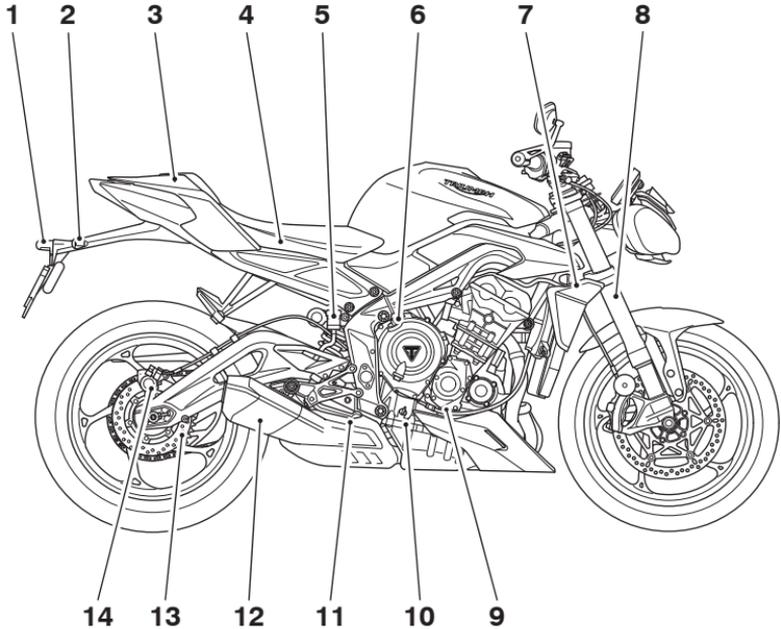
# PARTS IDENTIFICATION

## Left Hand Side



- |                         |                               |
|-------------------------|-------------------------------|
| 1. Headlight            | 9. Gear change pedal          |
| 2. Fuel filler cap      | 10. Side stand                |
| 3. Fuel tank            | 11. Coolant expansion tank    |
| 4. Rear suspension unit | 12. Oil filter                |
| 5. Seat lock            | 13. Front direction indicator |
| 6. Rear light           | 14. Front brake caliper       |
| 7. Drive chain adjuster | 15. Front brake disc          |
| 8. Drive chain          |                               |

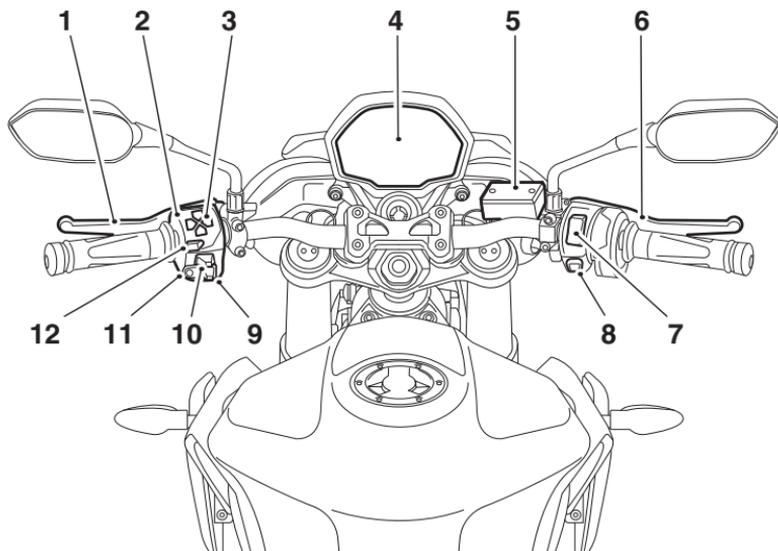
## Right Hand Side



- |                                  |                               |
|----------------------------------|-------------------------------|
| 1. Licence plate light           | 8. Front fork                 |
| 2. Rear direction indicator      | 9. Clutch cable               |
| 3. Tool kit (under seat)         | 10. Engine oil level dipstick |
| 4. Battery (under seat)          | 11. Rear brake pedal          |
| 5. Rear brake fluid reservoir    | 12. Silencer                  |
| 6. Oil filler cap                | 13. Rear brake disc           |
| 7. Radiator/Coolant pressure cap | 14. Rear brake caliper        |

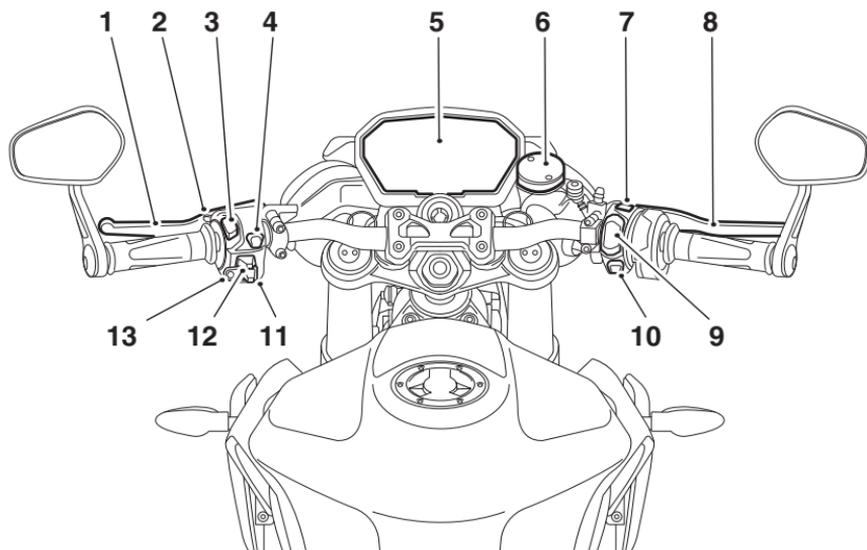
## Rider View

Street Triple R



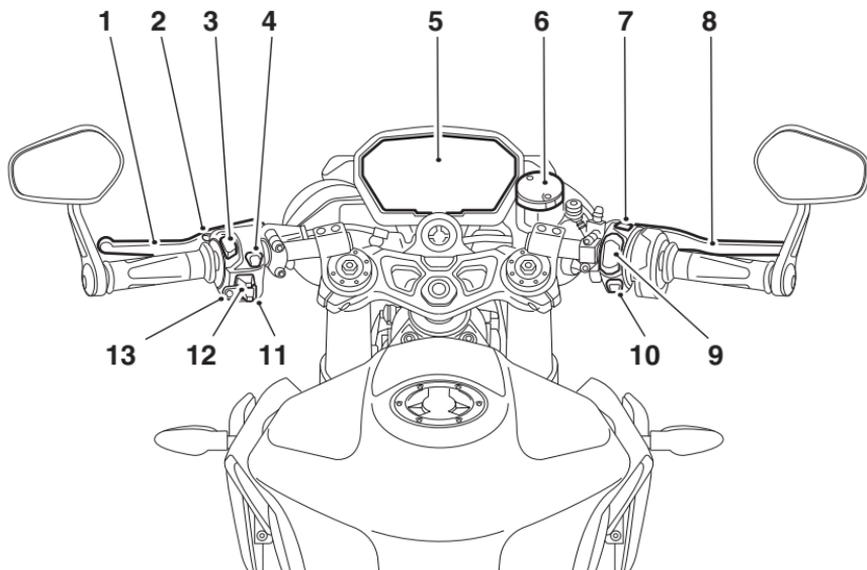
- |                                   |                                |
|-----------------------------------|--------------------------------|
| 1. Clutch lever                   | 7. Engine stop/start switch    |
| 2. High beam button               | 8. Hazard warning light switch |
| 3. Instruments navigation buttons | 9. Mode button                 |
| 4. Instruments                    | 10. Direction indicator switch |
| 5. Front brake fluid reservoir    | 11. Horn button                |
| 6. Front brake lever              | 12. Select button              |

## Street Triple RS



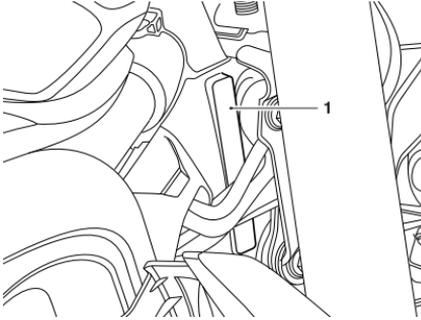
- |   |                                |
|---|--------------------------------|
| 1. Clutch lever   | 7. Hazard warning light switch |
| 2. High beam button                                     | 8. Front brake lever           |
| 3. Daytime running lights and low beam headlight switch | 9. Engine stop/start switch    |
| 4. MODE button  | 10. HOME button                |
| 5. Instruments  | 11. Joystick                   |
| 6. Front brake fluid reservoir                          | 12. Direction indicator switch |
|   | 13. Horn button                |

Street Triple Moto2™ Edition



- |   |                                |
|---|--------------------------------|
| 1. Clutch lever   | 7. Hazard warning light switch |
| 2. High beam button                                     | 8. Front brake lever           |
| 3. Daytime running lights and low beam headlight switch | 9. Engine stop/start switch    |
| 4. MODE button  | 10. HOME button                |
| 5. Instruments  | 11. Joystick                   |
| 6. Front brake fluid reservoir                          | 12. Direction indicator switch |
|   | 13. Horn button                |

## Vehicle Identification Number (VIN)

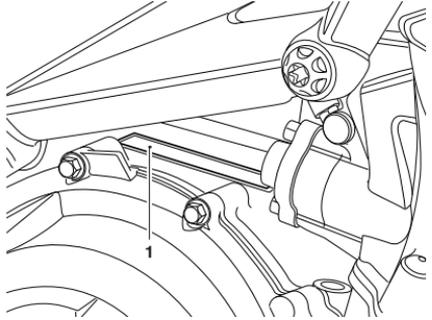


### 1. Vehicle identification number

The Vehicle Identification Number (VIN) is stamped into the steering head area of the frame. It is also displayed on a label attached to the left hand side of the frame, adjacent to the radiator cowl.

Record the vehicle identification number in the space provided below.

## Engine Serial Number



### 1. Engine serial number

The engine serial number is stamped on the engine crankcase, directly above the clutch cover.

Record the engine serial number in the space provided below.

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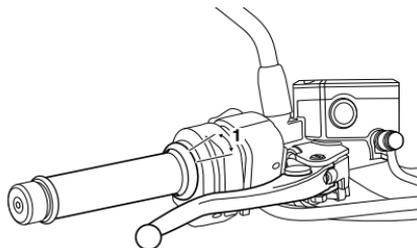
## Hand Controls

### Throttle Control

An electronic throttle twist grip controls the opening and closing of the throttles via the engine's electronic control module. There are no direct-acting cables in the system.

The throttle grip has a resistive feel to it as it is rolled rearwards to open the throttles. When the grip is released it will return to the throttle closed position by its internal return spring and the throttles will close.

There are no user adjustments for the throttle control.



#### 1. Throttle closed position

### Warning

Reduce speed and do not continue to ride for longer than is necessary with the Malfunction Indicator Light (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.

If there is a malfunction with the throttle control the Malfunction Indicator Light (MIL) becomes illuminated and one of the following engine conditions may occur:

- ▼ MIL illuminated, restricted engine RPM and throttle movement
- ▼ MIL illuminated, limp-home mode with the engine at a fast idle condition only
- ▼ MIL illuminated, engine will not start.

For all of the above conditions contact an authorised Triumph dealer as soon as possible to have the fault checked and rectified.

### Brake Use

At low throttle opening (approximately 20°), the brakes and throttle can be used together.

At high throttle opening (greater than 20°), if the brakes are applied for longer than two seconds the throttles will close and the engine speed will reduce. To return to normal throttle operation, release the throttle control, release the brakes and then reopen the throttle.

## Ignition Switch/Steering Lock

### Warning

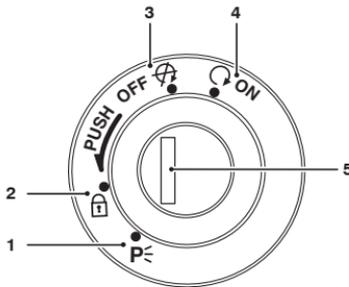
For reasons of security and safety, always turn the ignition to the OFF or PARK (if equipped) position and remove the key when leaving the motorcycle unattended.

Any unauthorised use of the motorcycle may cause injury to the user, other road users and pedestrians and may also cause damage to the motorcycle.

### Warning

With the key in the LOCK or PARK (if equipped) position, the steering will become locked.

Never turn the key to the LOCK or PARK (if equipped) positions while the motorcycle is moving as this will cause the steering to lock. Locked steering will cause loss of motorcycle control and an accident.



1. PARK position
2. LOCK position
3. OFF position
4. ON position
5. Ignition switch/Steering lock

## Switch Operation

This is a four position, key operated switch. The key can be removed from the switch only when it is in the OFF, LOCK or P (PARK) position.

**TO LOCK:** Turn the steering fully to the left, turn the key to the OFF position, push and fully release the key, then rotate it to the LOCK position.

**PARKING:** Turn the key from the LOCK position to the P position. The steering will remain locked.

### Note

**Do not leave the steering lock in the P position for long periods of time as this will cause the battery to discharge.**

## Ignition Key

**Warning**

Additional keys, key rings/chains or items attached to the ignition key may interfere with the steering, leading to loss of motorcycle control and an accident.

Remove all additional keys, key rings/chains and items from the ignition key before riding the motorcycle.

**Caution**

Additional keys, key rings/chains or items attached to the ignition key may cause damage to the motorcycle's painted or polished components.

Remove all additional keys, key rings/chains and items from the ignition key before riding the motorcycle.

**Caution**

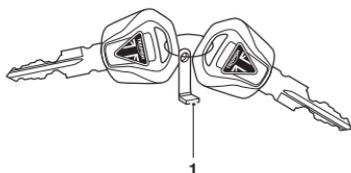
Do not store the spare key with the motorcycle as this will reduce all aspects of security.

**Caution**

Key functions may be disrupted by electronic devices, environmental electrical noise sources and metal objects.

Avoid storing and using the key near the following:

- Electrical service masts, radio masts and power distribution infrastructure
- Garage door opener devices
- Radio-Frequency IDentification (RFID) access cards or fobs
- Metal, metallic card holders and aluminium items
- Other vehicle electronic keys
- In panniers or top boxes
- Wireless communication devices such as mobile phones, tablets, laptops, portable game systems, audio players, radios and chargers.

**1. Key number tag**

In addition to operating the ignition switch/steering lock, the ignition key is required to operate the seat lock and fuel tank cap.

When the motorcycle is delivered from the factory, two ignition keys are supplied together with a small tag bearing the key number. Make a note of the key number and store the spare key and key number tag in a safe place away from the motorcycle.

A transponder is fitted within the ignition keys to turn off the engine immobiliser. To make sure the immobiliser functions correctly, always have only one of the ignition keys near the ignition switch. Having two ignition keys near the switch may interrupt the signal between the transponder and the engine immobiliser. In this situation the engine immobiliser will remain active until one of the ignition keys is removed.

Always get replacement keys from your authorised Triumph dealer. Replacement keys must be 'paired' with the motorcycle's immobiliser by your authorised Triumph dealer.

### Engine Immobiliser

The ignition barrel housing acts as the antenna for the engine immobiliser. When the ignition switch is turned to the OFF position and the ignition key is removed, the engine immobiliser is active (see page 43). The engine immobiliser is deactivated when the ignition key is in the ignition switch and it is turned to the ON position.

### Brake Lever Adjusters

#### Warning

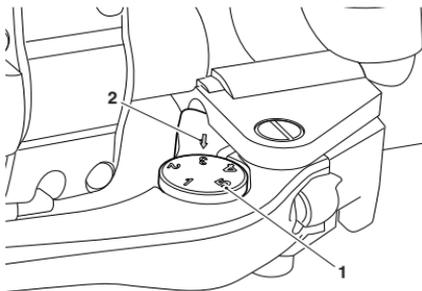
Do not attempt to adjust the levers with the motorcycle in motion as this may lead to loss of motorcycle control and an accident.

After adjusting the levers, operate the motorcycle in an area free from traffic to gain familiarity with the new lever setting.

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

### Street Triple R

A span adjuster is fitted to the brake lever. The adjuster allows the distance from the handlebar to the brake lever to be changed to suit the span of the rider's hand.



1. Adjuster wheel
2. Arrow mark

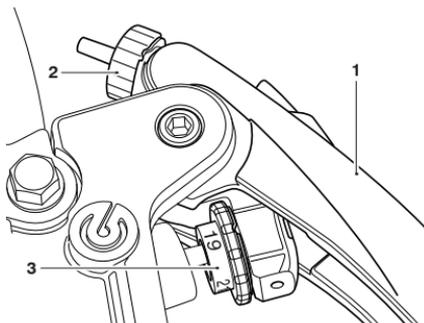
## GENERAL INFORMATION

To adjust the brake lever:

- ▼ Push the brake lever forward and turn the adjuster wheel to align one of the numbered positions with the arrow mark on the lever holder.
- ▼ The distance from the handlebar grip to the released brake lever is shortest when set to number five and longest when set to number one.

### Street Triple RS and Street Triple Moto2™ Edition

There are two adjusters fitted to the brake lever; a span adjuster and a ratio adjuster.



1. Brake lever
2. Span adjuster
3. Ratio adjuster

### Span Adjuster

The span adjuster allows the distance from the handlebar to the brake lever to be changed to suit the span of the rider's hands.

To adjust the brake lever span:

- ▼ Rotate the span adjuster anticlockwise to decrease the distance to the handlebar or clockwise to increase the distance from the handlebar.
- ▼ The distance from the handlebar grip to the released brake lever is shortest when the span adjuster is rotated fully anticlockwise.

### Ratio Adjuster

The ratio adjuster moves the brake master cylinder push rod to the left or right in 1 mm increments from 19 mm to 21 mm.

To adjust the brake lever ratio:

- ▼ Rotate the ratio adjuster to the rider's preferred position. The ratio adjuster can be rotated both clockwise and anticlockwise to set the required preference.
- ▼ An audible click can be heard when the ratio adjuster is locked into position.
- ▼ The ratio adjuster has three lever positions:
  - ▼ 19 (19 mm) for a softer brake feel with a longer lever travel
  - ▼ 20 (20 mm) for a firmer brake feel and a medium lever travel
  - ▼ 21 (21 mm) for a firm brake feel and a shorter lever travel.

## Clutch Lever Adjusters

### Warning

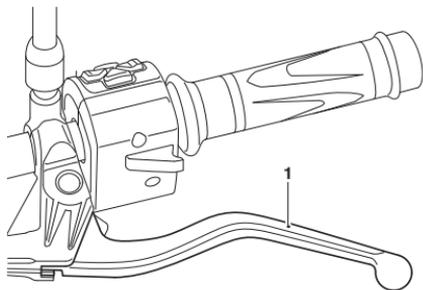
Do not attempt to adjust the levers with the motorcycle in motion as this may lead to loss of motorcycle control and an accident.

After adjusting the levers, operate the motorcycle in an area free from traffic to gain familiarity with the new lever setting.

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

### Street Triple R

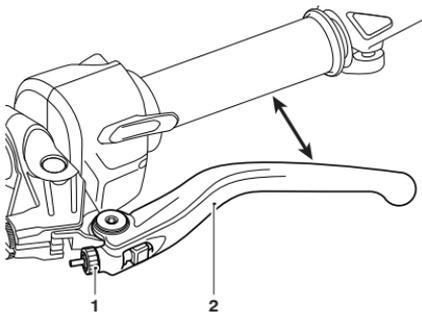
The clutch lever has a fixed span. It is not adjustable.



1. Clutch lever

### Street Triple RS and Street Triple Moto2™ Edition

A span adjuster is fitted to the clutch lever. The adjuster allows the distance from the handlebar to the clutch lever to be changed to suit the span of the rider's hand.



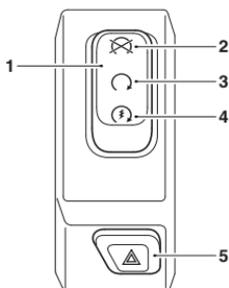
1. Span adjuster
2. Clutch lever

To adjust the clutch lever span:

- ▼ Rotate the span adjuster anticlockwise to decrease the distance to the handlebar or clockwise to increase the distance from the handlebar.
- ▼ The distance from the handlebar grip to the released clutch lever is shortest when the adjuster wheel is adjusted fully anticlockwise.

## Right Handlebar Switches

### Street Triple R



1. Engine start/stop switch
2. STOP position
3. RUN position
4. START position
5. Hazard warning light switch

### STOP Position

The STOP position is for emergency use. If an emergency arises which requires the engine to be stopped, move the engine start/stop switch to the STOP position.

### Caution

Do not leave the ignition switch in the ON position unless the engine is running as this may cause damage to electrical components and will discharge the battery.

### Note

Although the engine stop switch stops the engine, it does not turn off all the electrical circuits and may cause difficulty in restarting the engine due to a discharged battery. Normally, only the ignition switch should be used to stop the engine.

### RUN Position

In addition to the ignition switch being turned to the ON position, the engine start/stop switch must be in the RUN position for the motorcycle to operate.

### START Position

The START position operates the electric starter. For the starter to operate, the clutch lever must be pulled to the handlebar.

### Note

**Even if the clutch lever is pulled to the handlebar, the starter will not operate if the side stand is down and a gear is engaged.**

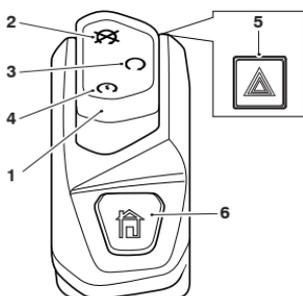
### Hazard Warning Lights

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 switched OFF, until the hazard warning light switch is pressed again.

## Street Triple RS and Street Triple Moto2™ Edition



1. Engine start/stop switch
2. STOP position
3. RUN position
4. START position
5. Hazard warning light switch
6. HOME button

### STOP Position

The STOP position is for emergency use. If an emergency arises which requires the engine to be stopped, move the engine start/stop switch to the STOP position.



### Caution

Do not leave the ignition switch in the ON position unless the engine is running as this may cause damage to electrical components and will discharge the battery.

### Note

Although the engine stop switch stops the engine, it does not turn off all the electrical circuits and may cause difficulty in restarting the engine due to a discharged battery. Normally, only the ignition switch should be used to stop the engine.

### RUN Position

In addition to the ignition switch being turned to the ON position, the engine start/stop switch must be in the RUN position for the motorcycle to operate.

### START Position

The START position operates the electric starter. For the starter to operate, the clutch lever must be pulled to the handlebar.

### Note

**Even if the clutch lever is pulled to the handlebar, the starter will not operate if the side stand is down and a gear is engaged.**

### 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 switched OFF, until the hazard warning light switch is pressed again.

### HOME Button

The HOME button is used to access the main menu on the instrument display.

Press and release the HOME button to select between the main menu and instrument display.

All messages that appear in the instrument display must be acknowledged by pressing the Joystick centre before the HOME button can be operated.

# GENERAL INFORMATION

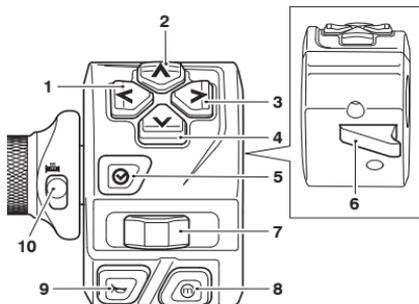
## Left Handlebar Switches

### Street Triple R

#### Note

A lighting on/off switch is not fitted to this model.

The headlight, position light, rear light and licence plate light all function automatically when the ignition switch is turned to the ON position.



1. Left button
2. Up button
3. Right button
4. Down button
5. Select button
6. High beam button
7. Direction indicator switch
8. Mode button
9. Horn button
10. Heated grips switch (if fitted)

## Navigation Buttons

The navigation buttons are used to operate the following functions of the instruments:

- ▼ Up - scroll the menu bottom to top
- ▼ Down - scroll the menu top to bottom
- ▼ Left - scroll the menu to the left
- ▼ Right - scroll the menu to the right.

## Direction Indicator Switch

### Manual Cancelling Indicators

When the indicator switch is pushed to the left or right and released, the corresponding direction indicators will flash on and off. To turn off the indicators, push and release the switch in the central position.

### Automatic Self-Cancelling Indicators

A short press and release of the indicator switch to the left or right will cause the corresponding direction indicators to flash on and off three times, then go off.

A longer press and release of the indicator switch to the left or right will cause the corresponding direction indicators to flash on and off.

The indicators are automatically turned off after eight seconds and after riding a further 65 metres.

To disable the indicator self-cancel system refer to the Bike Setup section on page 52.

To manually turn off the indicators, press and release the indicator switch in the central position.

#### Note

**If the motorcycle stops for any reason the indicators will flash for the remainder of the time and distance unless manually cancelled by the rider.**

### Mode Button

When the Mode button is pressed and released it will activate the riding mode display. Further presses of the Mode button will scroll through the available riding modes (see page 64).

### Horn Button

When the horn button is pushed, with the ignition switch turned on, the horn will sound.

### High Beam Button

When the high beam button is pressed the high beam will be switched on. Each press of the button will swap between dip and high beam.

The headlight will function when the ignition switch is turned to the ON position. The headlight will go off while pressing the starter button until the engine starts.

A lighting on/off switch is not fitted to this model. The position light, rear light and licence plate light all function automatically when the ignition is turned to the ON position.

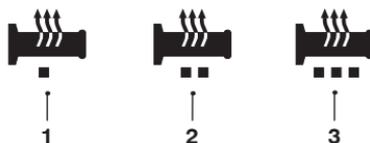
A Pass feature is not available on this model.

### Heated Grips Switch (if fitted)

The heated grips will only heat when the engine is running.

When the heated grips are switched on, the heated grips symbol will appear in the display and the selected heat level will be shown.

There are three levels of heat: low, medium and high. This is indicated by the different colours of the symbols shown in the display.



1. Low heat symbol (yellow)
2. Medium heat symbol (orange)
3. High heat symbol (red)

For maximum benefit in cold conditions, from the OFF position press the switch once for the high heat setting initially and then reduce the heat level by pressing the switch again for a low heat setting when the grips have warmed up.

To turn off the heated grips, press and release the switch until the heated grips symbol is no longer shown in the display.

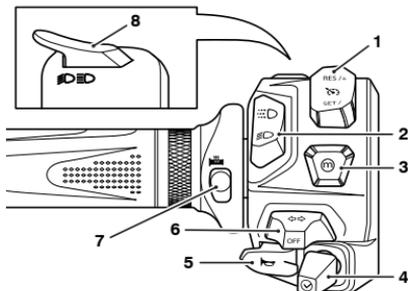
### Low Power Voltage Cut Off

If a low voltage is detected, the heated grips switch will power off. The heated grips will not function again until the voltage rises to a safe level.

The switch will not power back on automatically even if the voltage rises to the safe level. The user must manually press the switch again to activate the heated grips.

## GENERAL INFORMATION

### Street Triple RS and Street Triple Moto2™ Edition



1. Cruise control adjust switch (if fitted)
2. Dipped beam/Daytime Running Lights (DRL) switch (if fitted)
3. MODE button
4. Joystick
5. Horn button
6. Direction indicator switch
7. Heated grips switch (if fitted)
8. High beam button

#### Cruise Control Adjust Switch (if fitted)

The cruise control adjust switch is a two way switch with the top marked RES/+ and the bottom marked SET/-. For more information on cruise control operation, see page 109.

#### 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. During daylight hours, the Daytime Running Lights (DRL) improve the visibility of the motorcycle 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.

The daytime running lights and low beam headlights are operated manually using a switch on the left hand switch housing (see page 34).

#### 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.

### MODE Button

When the MODE button is pressed and released it will activate the Riding Mode Selection Menu in the multifunction display screen. Further presses of the MODE button will scroll through the available riding modes (see page 98).

### Joystick Button

The joystick is used to operate the following functions of the instruments:

- ▼ Up - scroll the menu bottom to top
- ▼ Down - scroll the menu top to bottom
- ▼ Left - scroll the menu to the left
- ▼ Right - scroll the menu to the right
- ▼ Centre - press to confirm selection.

### Horn Button

When the horn button is pushed, with the ignition switch turned on, the horn will sound.

### Direction Indicator Switch

#### Manual Cancelling Indicators

When the indicator switch is pushed to the left or right and released, the corresponding direction indicators will flash on and off. To turn off the indicators, push and release the switch in the central position.

#### Automatic Self-Cancelling Indicators

A short press and release of the indicator switch to the left or right will cause the corresponding direction indicators to flash on and off three times, then go off.

A longer press and release of the indicator switch to the left or right will cause the corresponding direction indicators to flash on and off.

The indicators are automatically turned off after eight seconds and after riding a further 65 metres.

To disable the indicator self-cancel system refer to the Bike Setup section on page 82.

To manually turn off the indicators, press and release the indicator switch in the central position.

### Note

**If the motorcycle stops for any reason the indicators will flash for the remainder of the time and distance unless manually cancelled by the rider.**

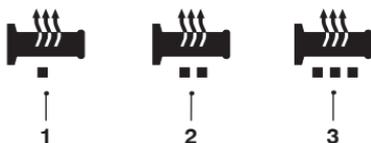
## GENERAL INFORMATION

### Heated Grips Switch (if fitted)

The heated grips will only heat when the engine is running.

When the heated grips are switched on, the heated grips symbol will appear in the display and the selected heat level will be shown.

There are three levels of heat: low, medium and high. This is indicated by the different colours of the symbols shown in the display.



1. Low heat symbol (yellow)
2. Medium heat symbol (orange)
3. High heat symbol (red)

For maximum benefit in cold conditions, from the OFF position press the switch once for the high heat setting initially and then reduce the heat level by pressing the switch again for a low heat setting when the grips have warmed up.

To turn off the heated grips, press and release the switch until the heated grips symbol is no longer shown in the display.

### Low Power Voltage Cut Off

If a low voltage is detected, the heated grips switch will power off. The heated grips will not function again until the voltage rises to a safe level.

The switch will not power back on automatically even if the voltage rises to the safe level. The user must manually press the switch again to activate the heated grips.

### High Beam Button

If the Daytime Running Light (DRL) switch is in the dip beam position, when the high beam button is operated then the high beam will be switched on. Each press of the button will swap between dip and high beam.

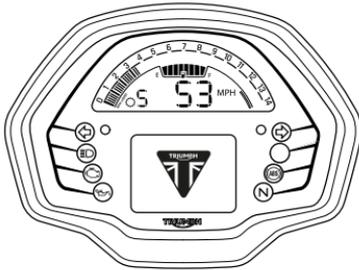
If the DRL switch is in the daytime running lights position, then press and hold the high beam button to turn the high beam on. It will remain on as long as the button is held in and will turn off as soon as the button is released.

## Instruments

There are two different types of instrument display depending on the motorcycle model.

### LCD/TFT Instrument Display

Street Triple R models are fitted with a Liquid Crystal Display/Thin Film Transistor (LCD/TFT) instrument display.



### LCD/TFT Instrument Display

For LCD/TFT instrument display operating instructions, see page 41.

### TFT Instrument Display

Street Triple RS and Street Triple Moto2™ Edition are fitted with a full colour Thin Film Transistor (TFT) instrument display.



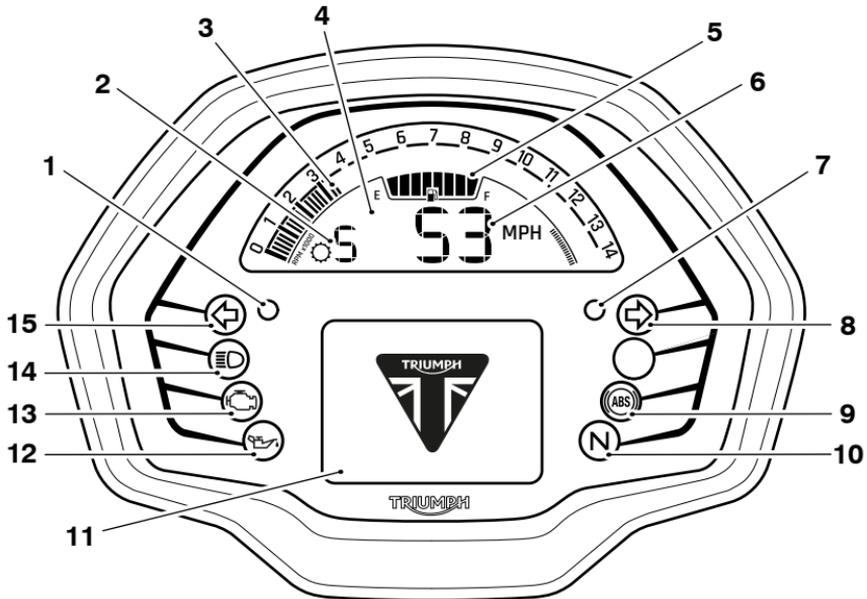
### TFT Instrument Display

For TFT instrument display operating instructions, see page 71.

**LCD/TFT Instrument Display****Table of Contents**

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## Instrument Display Layout



- |  |   |
|--|---|
| 1. Alarm/immobiliser                             | 9. ABS warning light                                    |
| 2. Gear position                                 | 10. Neutral indicator light                             |
| 3. Tachometer                                    | 11. TFT screen/information tray (full colour)           |
| 4. LCD screen                                    | 12. Oil pressure warning light                          |
| 5. Fuel gauge                                    | 13. Engine management Malfunction Indicator Light (MIL) |
| 6. Speedometer                                   | 14. High beam warning light                             |
| 7. Ambient light sensor                          | 15. Left hand indicator and hazard warning light        |
| 8. Right hand indicator and hazard warning light |   |

## GENERAL INFORMATION

### Warning Lights

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 information, see page 46.

### 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. 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.

### 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.

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

### 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.

### 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.

### 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. 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.

## GENERAL INFORMATION

### **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.

### **Traction Control (TC) Disabled Warning Light**



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

If the warning light becomes illuminated 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

When the hazard warning switch is turned on, the direction indicator warning lights will flash on and off at the same speed as the direction indicators.

## 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.

## Low Battery Warning Light

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.

# GENERAL INFORMATION

## 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(s) 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.

Warning Lights and Messages	
	Low oil pressure warning light (red indicator)
	Battery low/Starter motor disabled warning light (red indicator)
	Tyre Pressure Monitoring System (TPMS) sensor signal - front/rear tyre (red or amber indicator)
	Coolant temperature warning light (red indicator)
	Transmission fault TSA (amber indicator)
	Tyre Pressure Monitoring System (TPMS) battery low - front/rear tyre warning light (amber indicator)

Warning Lights and Messages	
	Engine management Malfunction Indicator Light (MIL) (amber indicator)
	Optimised Cornering Anti-lock Brake System (OCABS) warning light (amber indicator)
	Optimised Cornering Anti-lock Brake System (OCABS) disabled warning light (amber indicator)
	Bulb failure warning light (amber indicator)
	Optimised Cornering Traction Control (OCTC) active indicator light (amber indicator)
	Optimised Cornering Traction Control (OCTC) - system disabled indicator light (amber indicator)
	General warning symbol/Service due/overdue indicator light (amber indicator)
	Immobiliser fault (amber indicator)

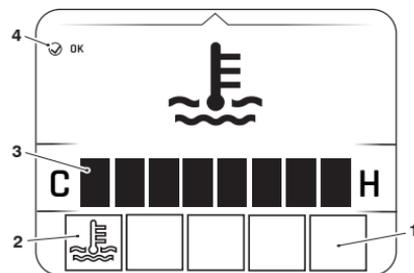
**Note**

The following indicator lights and messages may be shown during normal operation of the motorcycle.

Information Lights and Messages	
	Hazard warning lights (red indicator)
	Low fuel level indicator light (amber indicator)
	Direction indicator light (green indicator)
	Neutral indicator light (green indicator)
	High beam indicator light (blue indicator)
	Caution: low air temperature - risk of surface ice (blue or white indicator)

To view the warnings:

- ▼ Press the Up/Down button to scroll through the options until the warning message display is shown.
- ▼ Press the Left/Right button to review each warning message (if there is more than one). The warning message counter will show the amount of warning messages that are present.
- ▼ Press the Select button to acknowledge and hide each message.



1. Warning symbol(s) display
2. Coolant temperature warning symbol (Red)
3. Coolant temperature gauge
4. Press select button symbol

# GENERAL INFORMATION

## Main Menu



To access the Main Menu:

- ▼ The motorcycle must be stationary with the ignition switched on.
- ▼ Press the Up/Down button to scroll through the information tray until the Main Menu screen is shown.
- ▼ Press the Select button to open the Main Menu.



The Main Menu allows access to the following options:

### Riding Modes

This menu allows configuration of the riding modes. For more information, see page 64.

### Bike Setup

This menu allows configuration of the different features of the motorcycle. For more information, see page 51.

### Trip Setup

This menu allows configuration of Trip 1 and Trip 2. For more information, see page 53.

### Display Setup

This menu allows configuration of the display options. For more information, see page 55.

### Bluetooth (if fitted)

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.

### Reset To Defaults

This menu allows all instrument settings to be returned to the default setting. For more information, see page 60.

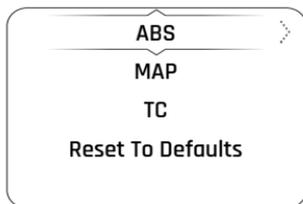
## Riding Modes

To access the Riding Modes menu:

- ▼ From the Main Menu, press the Up/Down button to select Riding Modes.
- ▼ Press the Right button to view the available options.



- ▼ Press the Up/Down button to select the required riding mode. Press the Select button to confirm.
- ▼ Press the Right button to view the relevant setting options for the selected riding mode.



### Note

**The ABS is set to Standard (factory default settings) for all riding modes and can not be changed.**

To change the MAP or Traction Control (TC) settings:

- ▼ Press the Up/Down button to select the setting.
- ▼ Press the Right button to view the available options.
- ▼ Press the Up/Down button to scroll through the options.
- ▼ Press the Select button to select the required option for the specific setting.

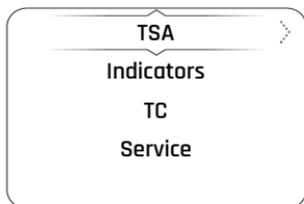
# GENERAL INFORMATION

## Riding Mode Configuration

Riding Mode Configuration Options				
	RAIN 	ROAD 	SPORT 	RIDER 
<b>Anti-lock Braking System (ABS)</b>				
Road	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
<b>MAP (Throttle Response)</b>				
Rain	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Road	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Sport	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
<b>Traction Control (TC)</b>				
Rain	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Road	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Sport	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
<b>Key</b>				
<input checked="" type="radio"/>	Standard (factory default setting)			
<input type="radio"/>	Selectable option			
<input type="radio"/>	Option not available			

## Bike Setup Menu

The Bike Setup menu allows configuration of the different features of the motorcycle.



To access the Bike Setup menu:

- ▼ From the Main Menu, press the Up/Down button to select Bike Setup.
- ▼ Press the Right button to view the available options.

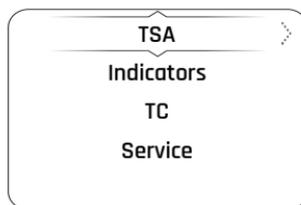
## Bike Setup - TSA (Shift Assist) (if fitted)

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.

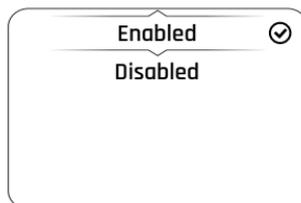
TSA will not operate if the clutch is applied or if an up-change is attempted by mistake when in 6th gear.

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 Setup menu, press the Up/Down button to select TSA.
- ▼ Press the Right button to view the available options.



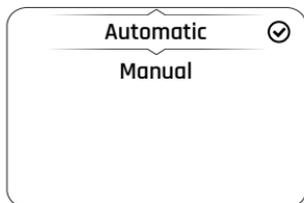
- ▼ Press the Up/Down button to select Enabled or Disabled.
- ▼ Press the Select button to confirm. A tick is shown to indicate the selected option.

For more information on Triumph Shift Assist (TSA), see page 129.

# GENERAL INFORMATION

## Bike Setup - Indicators

The direction indicators can be set to Automatic or Manual mode.



### Selecting a Direction Indicators Mode

To select the required direction indicators mode:

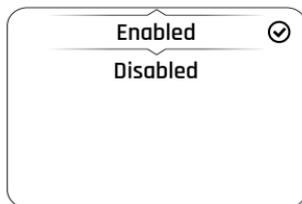
- ▼ From the Bike Setup menu, press the Up/Down button to select Indicators.
- ▼ Press the Right button to view the available options.
- ▼ Press the Up/Down button to scroll between the following options:
  - Automatic - The self-cancelling function is on. A short press activates the direction indicators 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 Select button to confirm. A tick is shown to indicate the selected option.

## Bike Setup - Traction Control (TC)

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

To enable or disable the TC system:

- ▼ From the Bike Setup menu, press the Up/Down button to select TC.
- ▼ Press the Right button to view the available options.



- ▼ Press the Up/Down button to select Enabled or Disabled.
- ▼ Press the Select button to confirm. A tick is shown to indicate the selected option.

## Bike Setup - Service

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

To review the service interval:

- ▼ From the Bike Setup menu, press the Up/Down button to select Service.
- ▼ Press the Right button to view the Service information.



## Trip Setup Menu

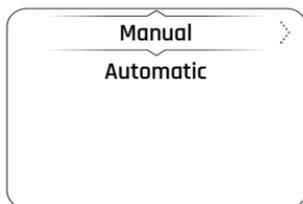
The Trip Setup menu allows the configuration of the trip meters.

To access the Trip Setup menu:

- ▼ From the Main Menu, press the Up/Down button to select Trip Setup.
- ▼ Press the Right button to view the available options.



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



Manual reset will only reset the selected trip meter when the rider manually chooses to reset it. For more information, see page 53.

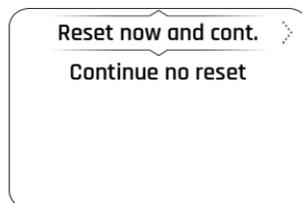
Automatic reset will reset each trip meter after the ignition has been switched off for a set time. For more information, see page 54.

Trip meter 2 can be enabled or disabled. For more information, see page 54.

## Trip Setup - Manual Reset

To set the trip meter to reset manually:

- ▼ From the Trip Setup menu, press the Up/Down button to select Trip 1 Reset or Trip 2 Reset.
- ▼ Press the Up/Down button to select Manual.
- ▼ Press the Right button to view the available options.
- ▼ Select the required option and press the Select button to confirm.



There are two options:

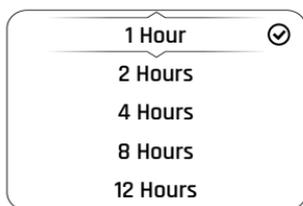
- ▼ Reset now and cont. - Resets all trip meter data in the relevant trip meter.
- ▼ Continue no reset - Any trip meter data in the relevant trip meter will not be reset.

## GENERAL INFORMATION

### Trip Setup - Automatic Reset

To set the trip meter to reset automatically:

- ▼ From the Trip Setup menu, press the Up/Down button to select Trip 1 Reset or Trip 2 Reset.
- ▼ Press the Up/Down button to select Automatic.
- ▼ Press the Right button to view the available options.
- ▼ Press the Up/Down button to select the timer setting required.
- ▼ Press the Select button to confirm. A tick is shown to indicate the selected option.
- ▼ The required time limit is then stored in the trip memory.
- ▼ When the ignition is turned off, the trip meter is set to zero when the time period has elapsed.

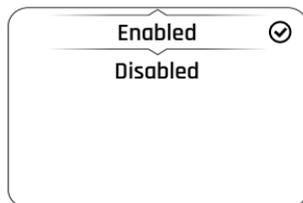


The following table shows two examples of the automatic trip reset functionality.

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

### Trip 2 Display

The Trip 2 Display menu allows the Trip 2 meter to be enabled or disabled. If Trip 2 is disabled, it will no longer be shown in the information tray.



To enable or disable the Trip 2 meter:

- ▼ From the Trip Setup menu, press the Up/Down button to select Trip 2 Display.
- ▼ Press the Right button to view the available options.
- ▼ Press the Up/Down button to select Enabled or Disabled.
- ▼ Press the Select button to confirm. A tick is shown to indicate the selected option.

## Display Setup Menu

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



To access the Display Setup menu:

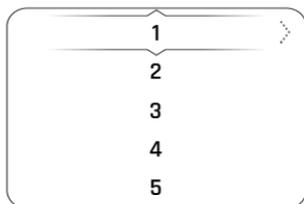
- ▼ From the Main Menu, press the Up/Down button to select Display Setup.
- ▼ Press the Right button to view the available options.
- ▼ Select the required option from the list to access the relevant information.

### Display Setup - Brightness

There are seven levels of brightness options to select from. Level 7 is the brightest option.

To adjust the brightness:

- ▼ From the Display Setup menu, select from 1 to 7 to adjust the Brightness.

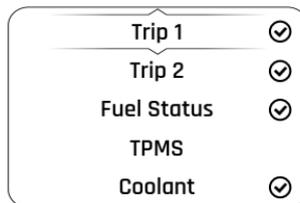


### Note

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

### Display Setup - Visible Trays

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



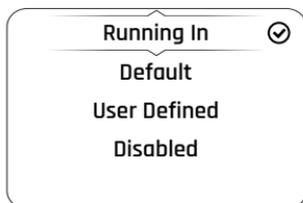
To select the Visible Tray menu:

- ▼ From the Display Setup menu, press the Up/Down button to select Visible Trays.
- ▼ Press the Right button to view the available options.
- ▼ Press the Up/Down button until the required information tray item is highlighted.
- ▼ Press the Select button to select/deselect the information trays.
- ▼ An information tray item with a tick next to it will be shown in the information tray. An information tray item without a tick next to it will not be shown in the information tray.

## GENERAL INFORMATION

### Display Setup - Shift Indicator

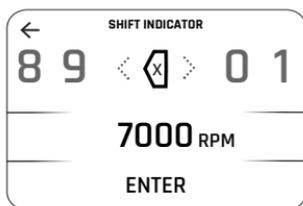
The Shift Indicator menu allows the adjustment of the gear shift indicator.



The engine speed threshold can be defined and reset, and the gear shift indicator can be disabled. Once the engine has been run in (at 1,000 miles), the Running In option is replaced with a Default option.

To adjust the engine speed threshold (RPM) for the gear shift indicator:

- From the Rider Name menu, press the Up/Down button to select User Defined and press the Select button to confirm.



#### Note

**The previously stored or default rpm will be shown initially.**

- Press the Down button to highlight the numbers.
- Press the Left/Right button to scroll through to the delete symbol.
- Press the Select button to delete each number.

- Press the Left/Right button to scroll through the numbers.
- Press the Select button to confirm the number. Numbers other than '0' will add in hundreds, for example, '4' will add '400' each time it is selected.
- Once the engine speed threshold (RPM) has been completed, select ENTER and press the Select button to confirm. This will revert back to the previous screen.

To disable the gear shift indicator:

- Press the Up/Down button to select Disabled and press the Select button to confirm.

### Display Setup - Language

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

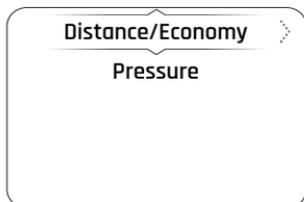


To select the required language for the instrument display:

- From the Display Setup menu, press the Up/Down button to select Units.
- Press the Right button to view the available options.
- Press the Up/Down button until the required language option is highlighted.
- Press the Select button to confirm. A tick is shown to indicate the selected option.

## Display Setup - Units

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



To select the required units of measurement:

- ▼ From the Display Setup menu, press the Up/Down button to select UNITS.
- ▼ Press the Right button to view the available options.

To change the unit of measurement:

- ▼ Press the Up/Down button to select the required option.
- ▼ Press the Right button to view the available options.
- ▼ Press the Up/Down button until the required unit of measurement is highlighted.
- ▼ Press the Select button to confirm. A tick is shown to indicate the selected option.

The options available are:

Distance/Economy: Miles & MPG (UK), Miles & MPG (US), Km & L/100km, Km & Km/L.

Pressure: PSI, Bar, kPa.

## Display Setup - Clock

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



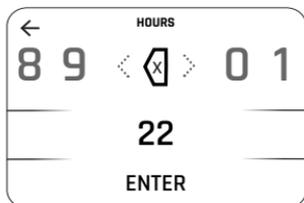
To set the clock:

- ▼ From the Display Setup menu, press the Up/Down button to select Clock.
- ▼ Press the Right button to view the available options.
- ▼ Press the Up/Down button to select 12 HR or 24 HR clock and press the Select button to confirm. A tick is shown to indicate the selected option.
- ▼ The clock will display in either 12 or 24 hour format depending on selection.

## GENERAL INFORMATION

To adjust the hour setting:

- ▼ Select Hours and press the Right button to be shown the HOURS display.



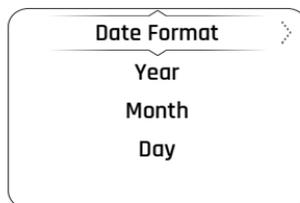
- ▼ Press the Down button to highlight the numbers.
- ▼ Press the Left/Right button to scroll through to the delete symbol.
- ▼ Press the Select button to delete each number.
- ▼ Press the Left/Right button to scroll through the numbers to select the correct time in hours. Once the required number is highlighted, press the Select button to confirm. The number appears below. Repeat this step to select the next number.
- ▼ When the hour number is correct, select ENTER and press the Select button to confirm. This will revert back to the previous screen.

To adjust the minute setting:

To set the MINUTES, repeat the procedure used to set the hour by selecting MINUTES.

### Display Setup - Date

The Date menu allows the date and date format to be adjusted.



To set the date format:

- ▼ From the Display Setup menu, press the Up/Down button to select Date. Press the Right button to view the available options.
- ▼ Press the Up/Down button to select Date Format. Press the Right button to view the available options.



- ▼ Press the Up/Down button to select the required date format option. Press the Select button to confirm. A tick is shown to indicate the selected option.

To set the year:

- ▼ From the Display Setup menu, press the Up/Down button to select Date. Press the Right button to view the available options.
- ▼ Press the Up/Down button to select Year. Press the Right button to show the SET YEAR display.



- ▼ Press the Down button to highlight the numbers.
- ▼ Press the Left/Right button to scroll through to the delete symbol.
- ▼ Press the Select button to delete each number.
- ▼ Press the Left/Right button to scroll through the numbers to select the required first number of the four digit year. Once the required number is highlighted, press the Select button to confirm. The number appears below. Repeat the procedure until the year required is shown.
- ▼ When the year is correct, select ENTER and press the Select button to confirm. This will revert back to the previous screen.

To set the month:

- ▼ From the Display Setup menu, press the Up/Down button to select Date. Press the Right button to view the available options.
- ▼ Press the Up/Down button to select Month. Press the Right button to show the SET MONTH display.



- ▼ Press the Down button to highlight the numbers.
- ▼ Press the Left/Right button to scroll through the numbers to select the required month.
- ▼ When the month is correct, select ENTER and press the Select button to confirm. This will revert back to the previous screen.

To set the day:

To set the DAY, repeat the procedure used to set the month by selecting DAY.

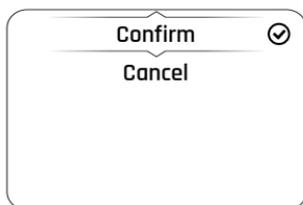
## GENERAL INFORMATION

### Reset to Defaults

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

To reset the Main Menu display items:

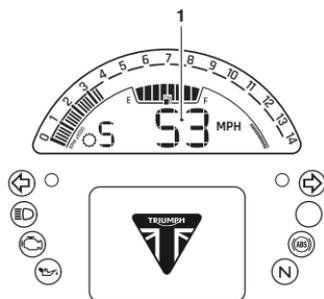
- ▼ From the Main Menu, press the Up/Down button to select Reset To Defaults.
- ▼ Press the Up/Down button to select Confirm or Cancel. Press the Select button to confirm.



- ▼ Confirm - All main menu settings and data will be reset to the factory default values including Riding Modes, Trip Meters, Visible Trays, Language, Traction Control and Display Brightness.
- ▼ Cancel - The main menu settings and data will remain unchanged and the display will return to the previous menu level.

### Speedometer

The speedometer indicates the road speed of the motorcycle.



#### 1. Speedometer

### Odometer

The odometer shows the total distance that the motorcycle has travelled. The odometer is shown in the Service display.



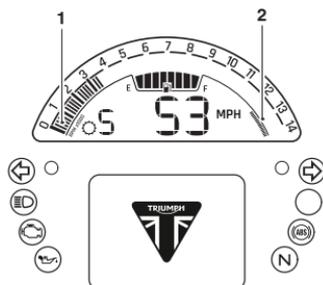
#### 1. Odometer

## Tachometer

### ! Caution

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

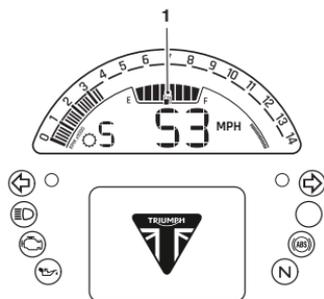
The tachometer shows the engine speed in revolutions per minute - rpm (r/min). At the end of the tachometer range there is the red zone. Engine speeds in the red zone are above maximum recommended engine speed and are also above the range for best performance.



1. Engine speed (rpm)
2. Red zone

## Fuel Gauge

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



### 1. Fuel gauge

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

The gauge markings indicate intermediate fuel levels between E (Empty) and F (Full). The low fuel warning light will illuminate when approximately 3.5 litres of fuel remaining in the tank and you should refuel at the earliest opportunity.

The range to empty and instantaneous fuel consumption are shown in the Fuel Status display (see page 67).

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.

# GENERAL INFORMATION

## Coolant Temperature Gauge

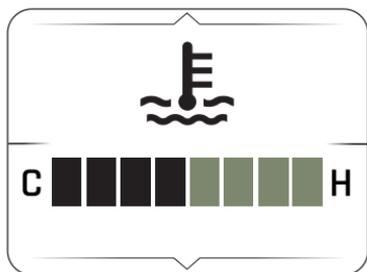
### ⚠ Caution

Stop the engine immediately if a high coolant temperature warning message is shown in the instrument tray.

Do not restart the engine until the fault has been rectified.

Severe engine damage will result from running the engine when a high coolant temperature warning message is shown.

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

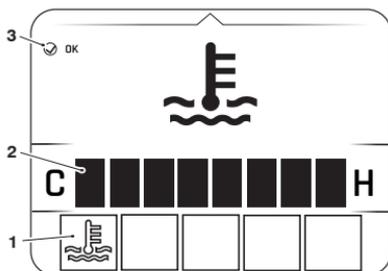


### 1. Coolant temperature gauge

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, a warning message will be shown in the instrument tray. The coolant temperature gauge is also shown.

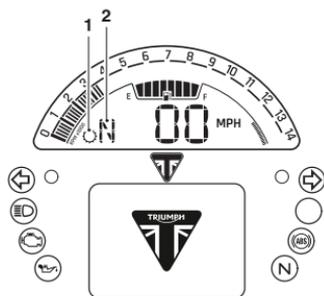


1. Coolant temperature warning symbol (Red)
2. Coolant temperature gauge
3. Press select button symbol

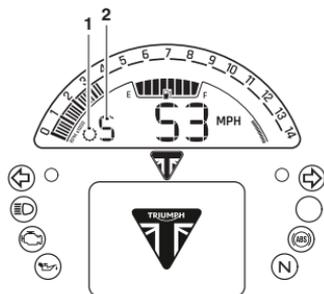
- ▼ Stop the engine immediately if a high coolant temperature warning message is shown in the instrument tray.
- ▼ Allow the engine temperature to cool for at least 30 minutes.
- ▼ Check and adjust the coolant level as necessary (see page 155 and page 155).

## Gear Position Display

The gear position is shown on the main instrument screen and indicates which gear (one to six) has been engaged. When the transmission is in neutral (no gear selected), then N is shown.



1. Gear position symbol
2. Gear position (neutral position shown)



1. Gear position symbol
2. Gear position (fifth gear shown)

The gear position information is not shown when the gear shift indicator display is shown in the information tray.

For more information on the Shift Indicator display, see page 56.

## Display Navigation

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

	Mode button (left hand switch housing).
	Left/right or up/down buttons.
	Select button (press).
	Information Tray - left/right scroll using the buttons.
	Information Tray - up/down scroll using the buttons.
	Short press (press and release) using the joystick centre.

# GENERAL INFORMATION

## Riding Modes

The riding modes allow adjustment of the throttle response (MAP) and Traction Control (TC) settings to suit differing road conditions and rider preferences.

Riding modes can be selected using the Mode button located on the left hand switch housing, whilst the motorcycle is stationary or moving (see page 64).

Four riding modes are available. 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
	-	RIDER

Each riding mode is adjustable, see page 50 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**

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.

**Note**

**The riding mode will default to ROAD when the ignition is switched ON.**

**If the riding 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.**

To select a riding mode:

- ▼ Press and release the Mode button on the left hand switch housing to activate the riding mode selection display.
- ▼ The currently active riding mode icon is shown in the information tray.

To change the selected riding mode:

- ▼ Press the Mode button repeatedly until the required riding mode is shown in the information tray. Once in the riding mode display, the Left or Right buttons will also scroll through the riding mode options.
- ▼ Press the Select button to confirm the selection of the required riding mode.
- ▼ The selected riding mode is activated once the following conditions for switching riding 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 60 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).

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

## 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.

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.

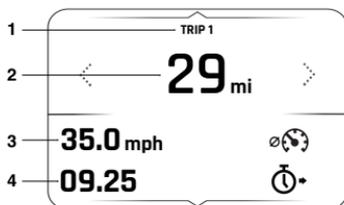
The information tray contains the following information tray items:

- ▼ Trip Meter, see page 67
- ▼ Fuel Status, see page 67
- ▼ Tyre Pressure Monitoring System (TPMS) (if fitted), see page 68
- ▼ Coolant, see page 68
- ▼ Service Interval, see page 68
- ▼ Brightness, see page 69
- ▼ Gear, see page 69.

Different information tray items can be shown or hidden from the information tray. For further information, refer to page 55.

## Trip Meter

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



1. Trip meter 1 or 2
2. Duration of trip
3. Average speed
4. Time taken to complete trip

To view and clear a specific trip meter:

- ▼ Press the Left/Right button until the required trip meter is shown.
- ▼ Press and hold the Select button to manually reset the selected trip meter.

For more information on trip meters, see page 53.

## Fuel Status

The Fuel Status display shows fuel consumption information.



1. Instantaneous fuel consumption
2. Range to empty
3. Average fuel consumption

## Instantaneous Fuel Consumption

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

## Range to Empty

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

## Average Fuel Consumption

This is an indication of the average fuel consumption. After being reset, '0.0' will be shown until 0.1 miles/km has been covered.

## 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.**

# GENERAL INFORMATION

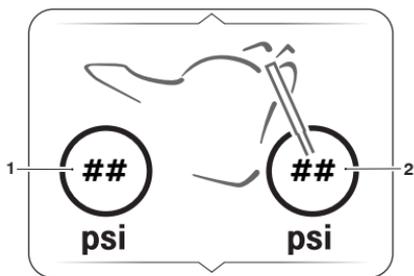
## Tyre Pressure Monitoring System (TPMS) (if fitted)

### 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) display shows the front and rear tyre pressures.



1. Rear tyre pressure indicator
2. Front tyre pressure indicator

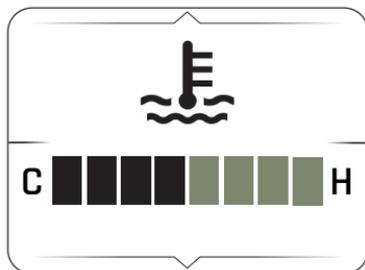
The tyre pressure indicators show the current tyre pressure.

For the correct tyre pressures refer to the Tyres table in the Specifications section (see page 232 for Street Triple R).

For more information on TPMS, see page 113.

## Coolant

The Coolant display shows the temperature of the engine coolant.



## Service Interval

The Service Interval display shows the total distance that the motorcycle has remaining before a service is required. It also shows the date that the service is required to be completed by.



1. Date the service is required by
2. Remaining number of miles or kilometres

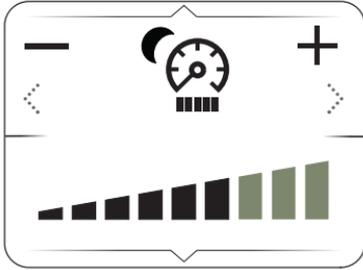
If the service is overdue then a message is shown in the instrument tray.

When the service has been carried out by your authorised Triumph dealer, the system will be reset.

The distance to the next service or any service message will also be shown in the instrument tray when the ignition is turned on.

## Brightness

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



To adjust the brightness of the information tray:

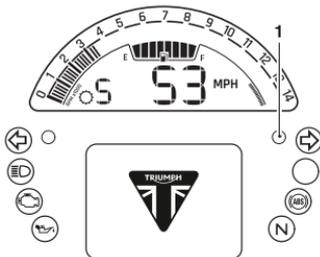
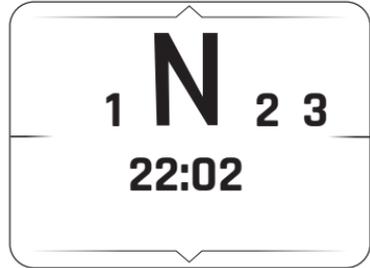
- ▼ Press the Left/Right button to increase/decrease the level of brightness.

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

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

## Gear

The Gear display shows which gear has been engaged.

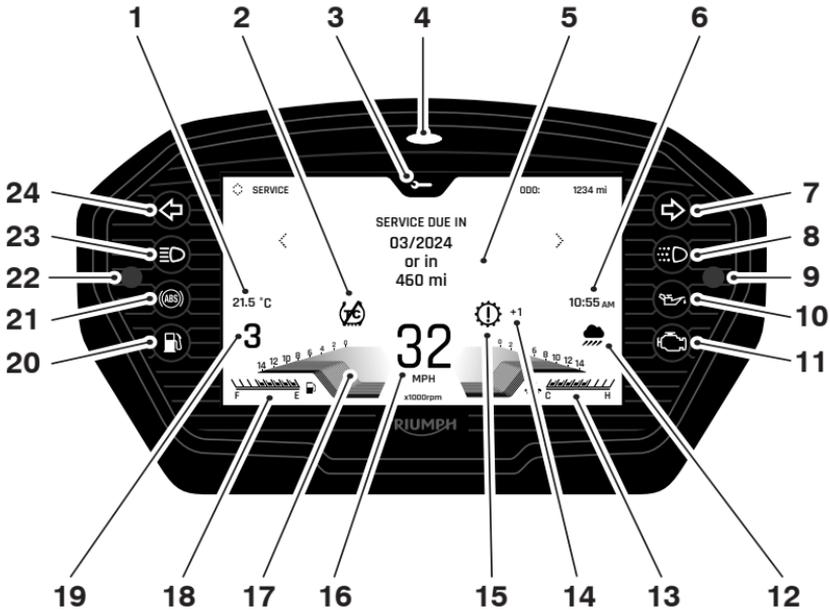


1. Ambient light sensor

**TFT Instrument Display****Table of Contents**

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## Instrument Display Layout



- |   |  |
|---|--|
| 1. Air temperature  | 13. Coolant temperature gauge                          |
| 2. Traction control disabled warning light                              | 14. Indicates number of warnings (if greater than one) |
| 3. Information tray icon  | 15. Transmission fault warning                         |
| 4. Alarm/immobiliser status indicator light (alarm is an accessory kit) | 16. Speedometer  |
| 5. Information tray area  | 17. Tachometer   |
| 6. Clock  | 18. Fuel gauge   |
| 7. Right hand indicator and hazard warning light                        | 19. Gear position                                      |
| 8. Daytime Running Light (DRL) (if fitted)                              | 20. Fuel level low warning light                       |
| 9. Brightness sensor  | 21. ABS warning light                                  |
| 10. Oil pressure warning light  | 22. Light sensor                                       |
| 11. Engine management Malfunction Indicator Light (MIL)                 | 23. High beam warning light                            |
| 12. Current riding mode   | 24. Left hand indicator and hazard warning light       |

## GENERAL INFORMATION

### Warning Lights

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 77.

### 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. 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.

### 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.

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

### 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.

### 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.

### 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. 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.

## GENERAL INFORMATION

### **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.

### **Traction Control (TC) Disabled Warning Light**



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

If the warning light becomes illuminated 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

When the hazard warning switch is turned on, the direction indicator warning lights will flash on and off at the same speed as the direction indicators.

### 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.

### 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.

When the headlight low beam is switched on, the daytime running lights warning light will be OFF.

### 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.

### Low Fuel Warning Light



The low fuel indicator will illuminate when there are approximately 3.5 litres of fuel remaining in the tank.

## GENERAL INFORMATION

### 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

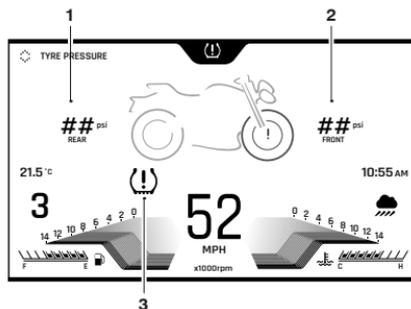
The Tyre Pressure Monitoring System (TPMS) is available as an accessory option on all models.



The tyre pressure warning light works with the Tyre Pressure Monitoring System (TPMS) (see page 113).

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 (see page 190). 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.

Warning Lights and Messages	
	Low oil pressure warning light (red indicator)
	Battery low/Starter motor disabled warning light (red indicator)
	Tyre Pressure Monitoring System (TPMS) sensor signal - front/rear tyre (red or amber indicator)
	Coolant temperature warning light (red indicator)
	Transmission fault TSA (amber indicator)
	Tyre Pressure Monitoring System (TPMS) battery low - front/rear tyre warning light (amber indicator)

Warning Lights and Messages	
	Engine management Malfunction Indicator Light (MIL) (amber indicator)
	Optimised Cornering Anti-lock Brake System (OCABS) warning light (amber indicator)
	Optimised Cornering Anti-lock Brake System (OCABS) disabled warning light (amber indicator)
	Bulb failure warning light (amber indicator)
	Optimised Cornering Traction Control (OCTC) active indicator light (amber indicator)
	Optimised Cornering Traction Control (OCTC) - system disabled indicator light (amber indicator)
	General warning symbol/Service due/overdue indicator light (amber indicator)
	Immobiliser fault (amber indicator)

# GENERAL INFORMATION

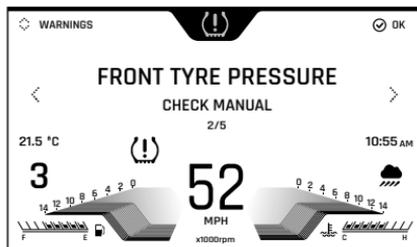
## Note

The following indicator lights and messages may be shown during normal operation of the motorcycle.

Information Lights and Messages	
	Hazard warning lights (red indicator)
	Low fuel level indicator light (amber indicator)
	Direction indicator light (green indicator)
	Low beam indicator light (green indicator)
	Daytime Running Lights (DRL) indicator light (green indicator)
	Cruise control indicator light (green indicator when active)
	Neutral indicator light (green indicator)
	High beam indicator light (blue indicator)
	Caution: low air temperature - risk of surface ice (blue or white indicator)

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/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.

## 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 up/down until the required option is highlighted and press the joystick centre to confirm.



The MAIN MENU allows access to the following options:

### RIDING MODES

This menu allows configuration of the riding modes. For more information, see page 81.

### BIKE SETUP

This menu allows configuration of the different features of the motorcycle. For more information, see page 82.

### TRIP SETUP

This menu allows configuration of Trip 1 and Trip 2. For more information, see page 84.

### DISPLAY SETUP

This menu allows configuration of the display options. For more information, see page 86.

### LAP TIMER

This menu allows configuration of the lap timer and the viewing of lap timer data. For more information, see page 91.

### RESET TO DEFAULTS

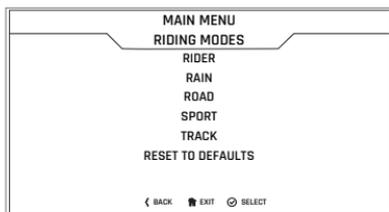
This menu allows all instrument settings to be returned to the default setting. For more information, see page 93.

# GENERAL INFORMATION

## Riding Modes

To access the Riding Modes menu:

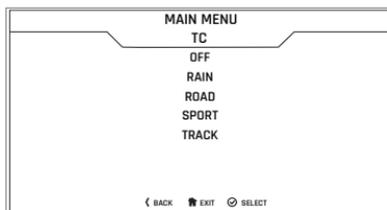
- ▼ From the MAIN MENU, push the joystick up/down to select RIDING MODES.
- ▼ Press the joystick centre to confirm.



- ▼ Push the joystick up/down 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, push the joystick up/down until the required setting option is highlighted and press the joystick centre to confirm.



## Riding Mode Configuration

Riding Mode Configuration Options					
	RAIN 	ROAD 	SPORT 	TRACK 	RIDER 
<b>Anti-lock Braking System (ABS)</b>					
ROAD	●	●	●	○	●
TRACK	∅	∅	∅	●	○
<b>MAP (Throttle Response)</b>					
RAIN	●	○	∅	○	○
ROAD	○	●	○	○	●
SPORT	∅	○	●	●	○
TRACK	∅	∅	∅	∅	∅
<b>Traction Control (TC)</b>					
OFF	Via Menu	Via Menu	Via Menu	○	○
RAIN	●	○	∅	○	○
ROAD	○	●	○	○	●
SPORT	∅	○	●	○	○
TRACK	∅	∅	∅	●	○
<b>Key</b>					
●	Standard (factory default setting)				
○	Selectable option				
∅	Option not available				

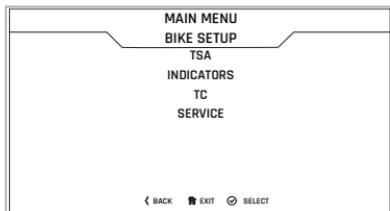
# GENERAL INFORMATION

## Bike Setup Menu

The Bike Setup menu allows configuration of the different features of the motorcycle.

To access the Bike Setup menu:

- ▼ From the MAIN MENU, push the joystick up/down to select BIKE SETUP.
- ▼ Press the joystick centre to confirm.



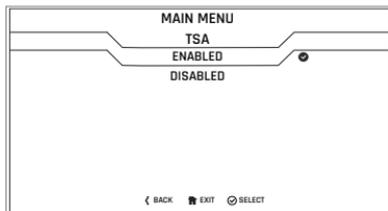
## Bike Setup - TSA (Shift Assist) (if fitted)

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.



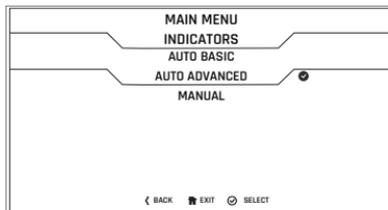
To enable/disable TSA:

- ▼ From the BIKE SETUP menu, push the joystick up/down to select TSA and press the joystick centre to confirm.
- ▼ Push the joystick up/down to select ENABLED or DISABLED.
- ▼ Press the joystick centre to confirm.
- ▼ The display will then return to the BIKE SETUP menu.

For more information on Triumph Shift Assist (TSA), see page 129.

## Bike Setup - 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:

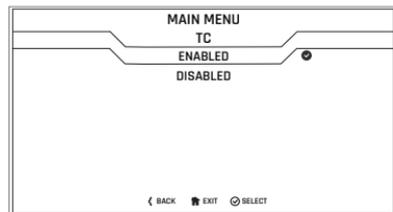
- ▼ From the BIKE SETUP menu, push the joystick up/down to select INDICATORS and press the joystick centre to confirm.
- ▼ Push the joystick up/down to select AUTO BASIC, AUTO ADVANCED or MANUAL.
  - AUTO BASIC - The self-cancelling function is on. The direction indicators will activate for eight seconds 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 display will then return to the BIKE SETUP menu.

### Bike Setup - Traction Control (TC)

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

To enable or disable the TC system:

- ▼ From the BIKE SETUP menu, press the joystick centre to select TC.
- ▼ Push the joystick up/down to select ENABLED or DISABLED.



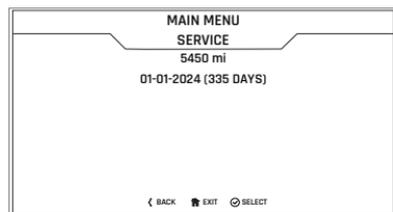
- ▼ Press the joystick centre to confirm.
- ▼ The display will then return to the BIKE SETUP menu.

### Bike Setup - Service

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

To review the service interval:

- ▼ From the BIKE SETUP menu, push the joystick up/down to select SERVICE.
- ▼ Press the joystick centre to view the Service information.



# GENERAL INFORMATION

## Trip Setup

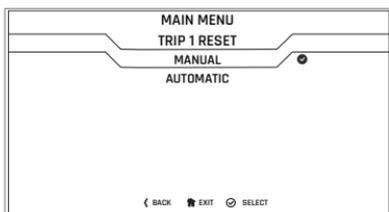
The Trip Setup menu allows configuration of the trip meters.

To access the Trip Setup menu:

- ▼ From the MAIN MENU, push the joystick up/down to select TRIP SETUP.
- ▼ 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. For more information, see page 84.

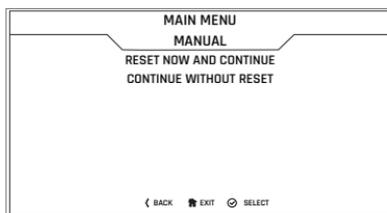
Automatic reset will reset each trip meter after the ignition has been switched off for a set time. For more information, see page 85.

Trip meter 2 can be enabled or disabled. For more information, see page 85.

## Trip Setup - Manual Reset

To set the trip computer to reset manually:

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



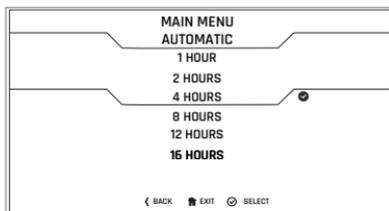
There are two options:

- ▼ 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 Setup - Automatic Reset

To set the trip computer to reset automatically:

- ▼ From the TRIP SETUP menu, push the joystick up/down and then press the joystick centre to select TRIP 1 RESET or TRIP 2 RESET.
- ▼ Push the joystick up/down to select AUTOMATIC and press the joystick centre to confirm.
- ▼ Using the joystick up/down, 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.

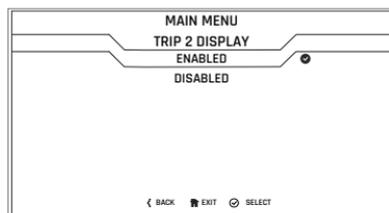


The following table shows two examples of the automatic trip reset functionality.

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 Display

The Trip 2 Display menu allows the Trip 2 meter to be enabled or disabled. If Trip 2 is disabled, it will no longer be shown in the information tray.



To enable or disable the Trip 2 meter:

- ▼ From the TRIP SETUP menu, push the joystick up/down and then press the joystick centre to select TRIP 2 DISPLAY.
- ▼ Push the joystick up/down to select ENABLED or DISABLED. Press the joystick centre to confirm. A tick is shown to indicate the selected option.

## GENERAL INFORMATION

### Display Setup Menu

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



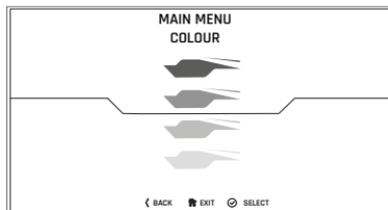
To access the Display Setup menu:

- ▼ From the MAIN MENU, push the joystick up/down to select DISPLAY SETUP. Press the joystick centre to confirm.
- ▼ Select the required option from the list to access the relevant information.

### Display Setup - Colour

To select a different colour for the display information:

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



- ▼ Push the joystick up/down 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.

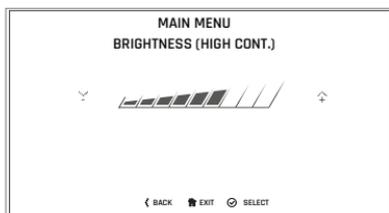
## Display Setup - Brightness

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 SETUP menu, push the joystick up/down to select BRIGHTNESS (HIGH CONT.) or BRIGHTNESS (LOW CONT.).
- ▼ Press the joystick centre to confirm.



### BRIGHTNESS (HIGH CONT.) Shown

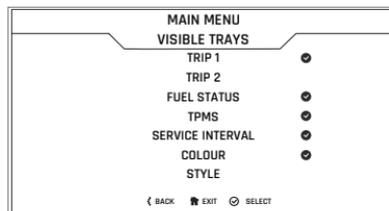
- ▼ Push the joystick up/down to adjust the brightness.
- ▼ Press the HOME button to return to the main display.

### Note

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

## Display Setup - Visible Trays

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



To select the Visible Tray menu:

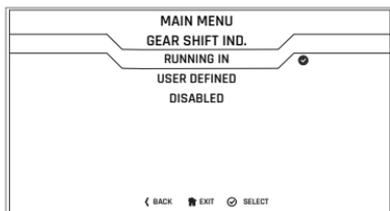
- ▼ From the DISPLAY SETUP menu, push the joystick up/down to select VISIBLE TRAYS.
- ▼ Press the joystick centre to view the available options.
- ▼ Push the joystick up/down until the required information tray item is highlighted.
- ▼ Press the joystick centre to select/deselect the information trays.
- ▼ An information tray item with a tick next to it will be shown in the information tray. An information tray item without a tick next to it will not be shown in the information tray.

## GENERAL INFORMATION

### Display Setup - Gear Shift Ind.

The Gear Shift Ind. menu allows the adjustment of the gear shift indicator.

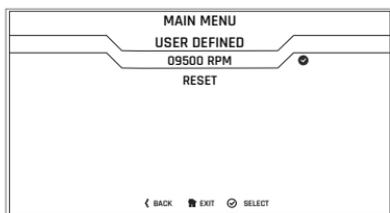
The gear shift indicator changes the tachometer colour to orange when the specified engine speed threshold is reached, indicating to change gear.



The engine speed threshold can be defined and reset, and the gear shift indicator can be disabled. Once the engine has been run in (at 1,000 miles), the RUNNING IN option is replaced with a DEFAULT option.

To adjust the engine speed threshold (RPM) for the gear shift indicator:

From the GEAR SHIFT IND. menu, push the joystick up/down to select USER DEFINED and press the joystick centre to confirm.



- ▼ Press the joystick for one of the numbers to flash.
- ▼ Push the joystick left/right to select each individual number.
- ▼ Push the joystick up/down to change the number.

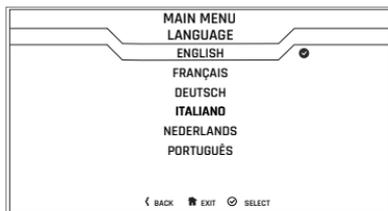
- ▼ Press the joystick centre to confirm.
- ▼ Repeat this process with each individual number until the correct RPM number is shown.

To reset the gear shift indicator:

- ▼ Push the joystick up/down to select RESET and press the joystick centre to confirm. This resets the RPM to 9500.

### Display Setup - Language

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

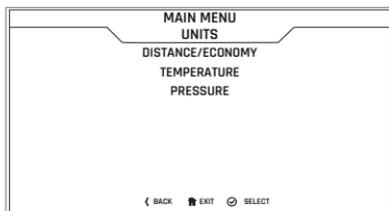


To select the required language for the instrument display:

- ▼ From the DISPLAY SETUP menu, push the joystick up/down to select LANGUAGE.
- ▼ Press the joystick centre to view the available options.
- ▼ Push the joystick up/down until the required language option is highlighted.
- ▼ Press the joystick centre to confirm. A tick is shown to indicate the selected option.

## Display Setup - Units

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



To select the required units of measurement:

- ▼ From the DISPLAY SETUP menu, push the joystick up/down to select UNITS.
- ▼ Press the joystick centre to confirm.

To change the unit of measurement:

- ▼ Push the joystick up/down until the required option is highlighted (DISTANCE/ECONOMY, TEMPERATURE or PRESSURE).
- ▼ Press the joystick centre to confirm.
- ▼ Push the joystick up/down 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:

DISTANCE/ECONOMY:

- ▼ MILES & MPG (UK)
- ▼ MILES & MPG (US)
- ▼ KM & L/100KM
- ▼ KM & KM/L

TEMPERATURE:

- ▼ °C
- ▼ °F

PRESSURE:

- ▼ PSI
- ▼ BAR
- ▼ KPA

# GENERAL INFORMATION

## Display Setup - Clock

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

To set the clock:

- ▼ From the DISPLAY SETUP menu, push the joystick up/down to select CLOCK and press the joystick centre to confirm.
- ▼ Push the joystick up/down to select between either 12 HR or 24 HR clock and press the joystick centre to confirm. 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 up/down to select HOURS or MINUTES.

To adjust the hour setting:

- ▼ Select HOURS on the display and press the joystick centre. The HOURS display will flash as shown below.
- ▼ Push the joystick up/down to set the hour. Press the joystick centre to confirm.



To adjust the minute setting:

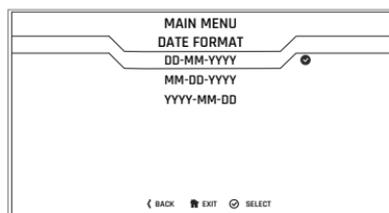
To set the MINUTES repeat the procedure used to set the hour.

## Display Setup - Date

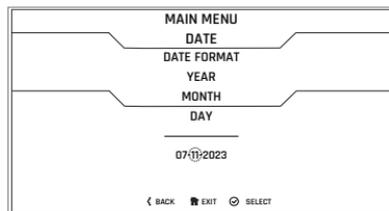
The Date menu allows the date and date format to be adjusted.

To set the date format:

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



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



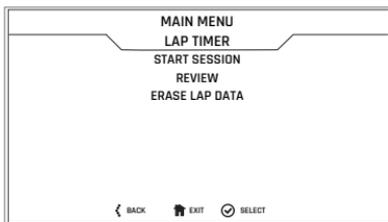
To set the date:

- ▼ From the DISPLAY SETUP menu, push the joystick up/down to select DATE and press the joystick centre to confirm.
- ▼ Push the joystick up/down to select YEAR and press the joystick centre to confirm. The YEAR display will flash.
- ▼ Push the joystick up/down 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

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 up/down to select LAP TIMER and press the joystick centre to confirm.

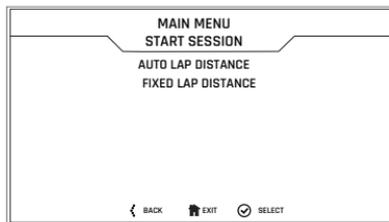


The options available are:

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

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

# GENERAL INFORMATION

## 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.



To start the lap timer, see page 105.

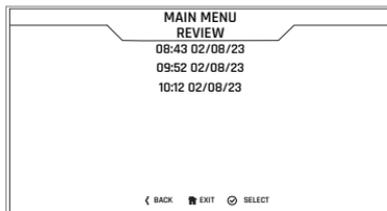
## Lap Timer - Review

This function allows the rider to review any stored sessions (see page 91).

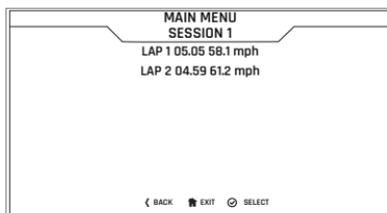
To select the lap timer - review menu the motorcycle must be stationary with the ignition turned to the ON position.

- ▼ Push the HOME button to show the MAIN MENU.
- ▼ Push joystick up/down to select LAP TIMER and press the joystick centre to confirm.

- ▼ Push joystick up/down to select REVIEW and press the joystick centre to confirm.



- ▼ Press the joystick centre to view the stored sessions.
- ▼ Push the joystick up/down until the required session is highlighted.
- ▼ Press the joystick centre to select the required session and push the joystick up/down to review the stored lap times.
- ▼ 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.**

## Reset to Defaults

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



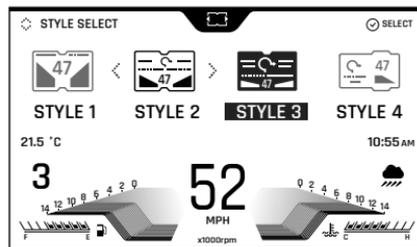
To reset the Main Menu display items:

- ▼ From the MAIN MENU, push the joystick up/down to select RESET TO DEFAULTS.
- ▼ Push the joystick up/down to select CONFIRM or CANCEL. Press the joystick centre to confirm.
- ▼ 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.

## 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.

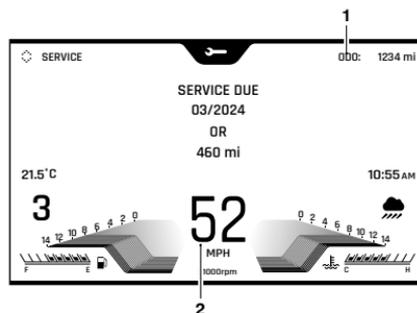


To select a style, see page 105 for more information.

## 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

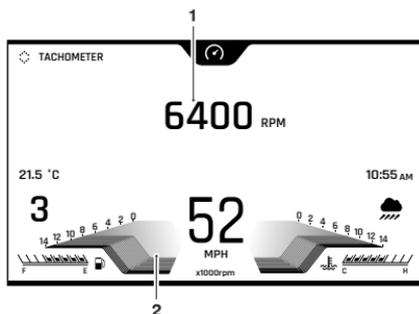
# GENERAL INFORMATION

## Tachometer

### ⚠ Caution

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

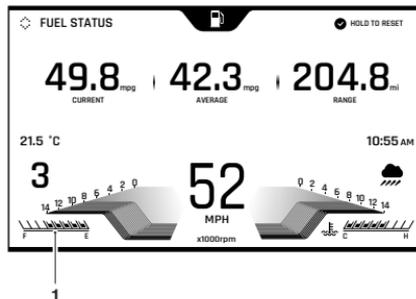
The tachometer shows the engine speed in revolutions per minute - rpm (r/min). At the end of the tachometer range there is the red zone. Engine speeds in the red zone are above maximum recommended engine speed and are also above the range for best performance.



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.

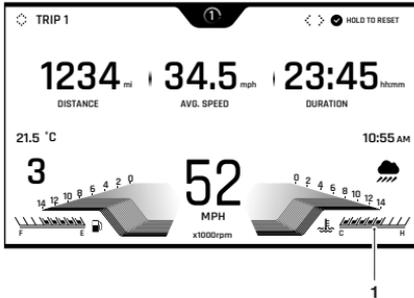
When the fuel tank is full, a black line is shown and when empty, a grey line is shown. Other gauge markings indicate intermediate fuel levels between full and empty.

The low fuel warning light will illuminate when approximately 3.5 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.

## 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 89.

# GENERAL INFORMATION

## 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

1. Gear position display (neutral position displayed)



1

1. Gear position display (third gear displayed)

## 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 98).

Five riding modes are available. 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, see page 81 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**

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.

 **Warning**

If Traction Control (TC) has been disabled in the Main Menu as described on page 83 then all TC settings that were saved for all riding modes will be overridden.

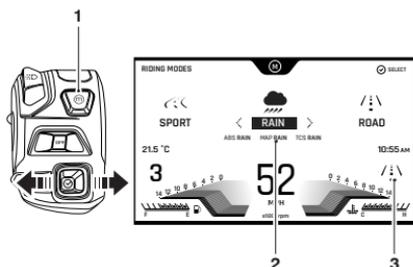
TC will remain off regardless of the riding mode selection, until it has been re-enabled or the ignition has been switched off then on again.

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.

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 flashing or 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).

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.

### 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.**

### 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, the warning messages must first be acknowledged (see page 101).**

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.

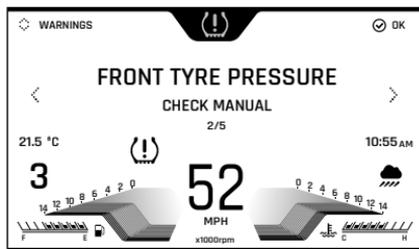
The information tray contains the following information tray items:

- ▼ Warnings and Information Messages, see page 101
- ▼ Trip Meter, see page 101
- ▼ Fuel Status, see page 102
- ▼ Tyre Pressure Monitoring System (TPMS) (if fitted), see page 102
- ▼ Service Interval, see page 103
- ▼ Colour, see page 103
- ▼ Screen Contrast, see page 104
- ▼ Brightness, see page 104
- ▼ Style Select, see page 105
- ▼ Lap Timer, see page 105.

Different information tray items can be shown or hidden from the information tray. For further information, refer to page 87.

## Warning Review

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



To view the warnings:

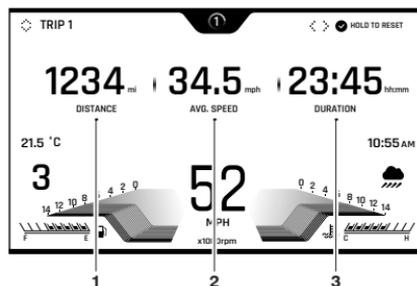
- ▼ Push the joystick up/down to scroll through the options until the warning review is shown.
- ▼ Push the joystick left/right to review each warning (if more than one). The warning counter will show the amount of warnings that are present.
- ▼ Push the joystick up/down to return to the information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

## 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 up/down.

### Note

**TRIP 2 meter can be shown or hidden from the information tray. For more information, see page 85.**

To reset a trip meter:

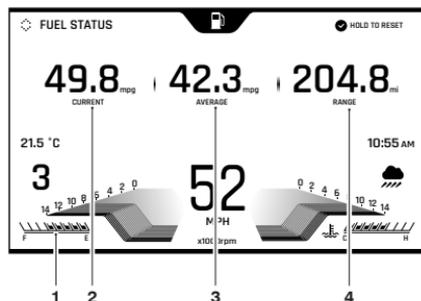
- ▼ Select the trip meter to be reset.
- ▼ Press and hold the joystick centre for more than one second.
- ▼ The trip meter will then be reset.

The trip meter can also be reset from the Main Menu (see page 84).

# GENERAL INFORMATION

## Fuel Status

The Fuel Status information tray shows fuel consumption information.



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

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.

### 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

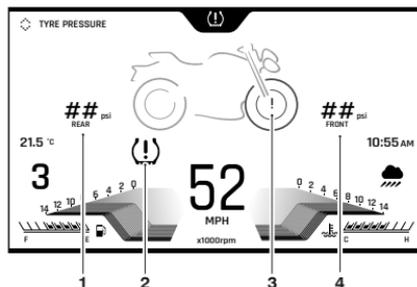
To reset the average fuel consumption, press and hold the joystick centre.

## 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. For more information, see page 113.



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.

### Front Tyre Pressure Indicator

This shows the current front tyre pressure.

## Rear Tyre Pressure Indicator

This shows the current rear tyre pressure.

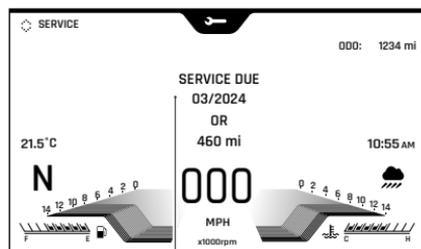
## Low Tyre Pressure

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

For the correct tyre pressures refer to the Tyres table in the Specifications section (see page 232 for Street Triple RS, or page 237 for Street Triple Moto2™ Edition).

## 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.



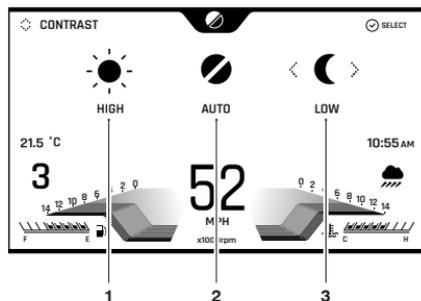
To apply a different colour to the current style:

- ▼ 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 86.

# GENERAL INFORMATION

## 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.

To select an option:

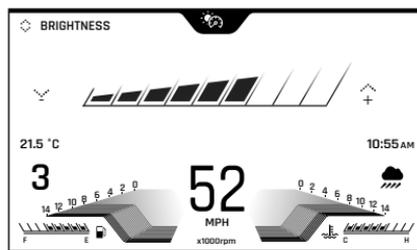
- ▼ Push the joystick left/right to select the HIGH, AUTO or LOW contrast option and press the joystick centre to confirm.
- ▼ If the rider defined brightness setting is suitable this will be used (see page 87).

## Note

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

## Brightness

The Brightness information tray allows the brightness of the display screen to be adjusted. In bright sunlight, low brightness settings will be overridden to make sure that the instruments can be viewed at all times.



To adjust the brightness of the display screen:

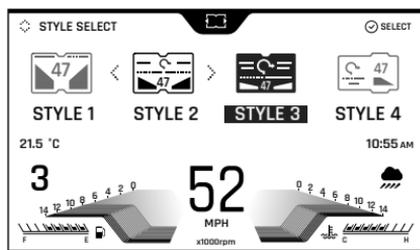
- ▼ Push the joystick left/right to increase/decrease the level of brightness.
- ▼ Press the joystick centre to confirm the required level of brightness.

## Note

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

## Style Select

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



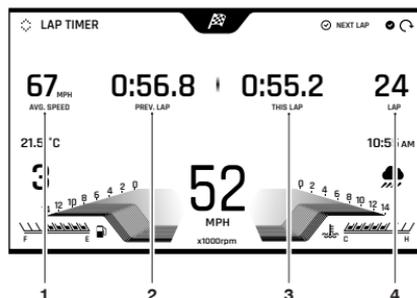
### Style Select Information Tray (Style 03 Selected)

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 up/down or centre. The lap counter will start to count the first lap. This is shown as THIS LAP.
- ▼ Pressing the joystick up/down or centre will start a new lap, and the previous lap's time and average speed will be shown in the information tray as PREV. LAP next to the new lap time.
- ▼ A long press (longer than two seconds) of the joystick up/down 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 92.

# GENERAL INFORMATION

## Fuel



### Fuel Grade

Triumph motorcycles are designed to use unleaded fuel and will give optimum performance if the correct grade of fuel is used. Always use unleaded fuel with a minimum octane rating of 91 RON.

### Ethanol

In Europe, Triumph motorcycles are compatible with Ethanol E5 and E10 (5% and 10% Ethanol) unleaded fuel.

In all other markets Ethanol up to E25 (25% Ethanol) may be used.

### Engine Calibration

In certain circumstances engine calibration may be required. Always refer to your authorised Triumph dealer.

### ⚠ Caution

The motorcycle can be permanently damaged if it is allowed to operate with the incorrect grade of fuel or incorrect engine calibration.

Always make sure the fuel used is of the correct grade and quality.

Damage caused by using the incorrect fuel or engine calibration is not considered a manufacturing defect and will not be covered under warranty.

### ⚠ Caution

The exhaust system for this motorcycle is fitted with a catalytic converter to help reduce exhaust emission levels.

Use of leaded fuel will damage the catalytic converter. In addition, the catalytic converter can be permanently damaged if the motorcycle is allowed to run out of fuel or if the fuel level is allowed to get very low.

Always make sure you have adequate fuel for your journey.

### Note

**The use of leaded fuel is illegal in some countries, states or territories.**

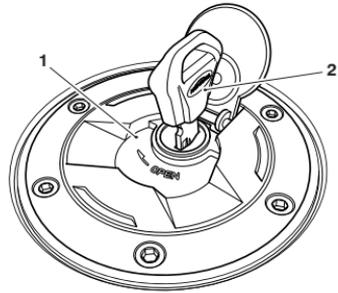
## Refuelling

**Warning**

To help reduce hazards associated with refuelling, always observe the following fuel safety instructions:

- Petrol (fuel) is highly flammable and can be explosive under certain conditions. When refuelling, turn the ignition switch to the OFF position.
- Do not smoke.
- Do not use a mobile telephone.
- Make sure the refuelling area is well ventilated and free from any source of flame or sparks. This includes any appliance with a pilot light.
- Never fill the tank until the fuel level rises into the filler neck. Heat from sunlight or other sources may cause the fuel to expand and overflow creating a fire hazard.
- After refuelling always check that the fuel filler cap is correctly closed.
- Because petrol (fuel) is highly flammable, any fuel leak or spillage, or any failure to observe the safety advice given above will lead to a fire hazard, which could cause damage to property, injury to persons or death.

## Fuel Tank Cap



0348

1. Fuel tank cap
2. Key

To open the fuel tank cap, lift up the flap covering the lock. Insert the key into the lock and turn the key clockwise.

To close and lock the cap, push the cap down into place with the key inserted, until the lock clicks into place. Withdraw the key and close the key cover.

**Caution**

Closing the cap without the key inserted will damage the cap, tank and lock mechanism.

### Filling the Fuel Tank

#### **Warning**

Overfilling the tank can lead to fuel spillage.

If fuel is spilled, thoroughly clean up the spillage immediately and dispose of the materials used safely.

Take care not to spill any fuel on the engine, exhaust pipes, tyres or any other part of the motorcycle.

Because fuel is highly flammable, any fuel leak or spillage, or any failure to observe the safety advice given above may lead to a fire hazard, which could cause damage to property and injury or death to persons.

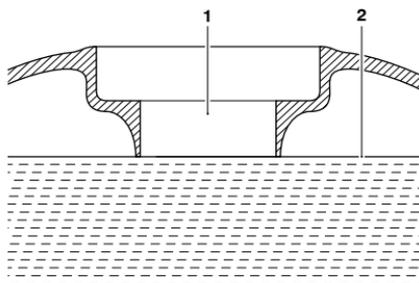
Fuel spilled near to, or onto the tyres will reduce the tyres' ability to grip the road. This will result in a dangerous riding condition potentially causing loss of motorcycle control and an accident.

#### **Caution**

Avoid filling the tank in rainy or dusty conditions where airborne material can contaminate the fuel.

Contaminated fuel may cause damage to fuel system components.

Fill the fuel tank slowly to help prevent spillage. Do not fill the tank to a level above the bottom of the filler neck. This will make sure there is enough air space to allow for fuel expansion if the fuel inside the tank expands through absorption of heat from the engine or from direct sunlight.



1. Fuel filler neck
2. Maximum fuel level

After refuelling always check that the fuel filler cap is correctly closed.

## Cruise Control (if fitted)

Street Triple RS and  
Street Triple Moto2™ Edition

### Warning

Cruise control must only be used where you can ride safely at a steady speed.

Cruise control should not be used when riding in heavy traffic, on roads with sharp/blind bends or when they are slippery.

Using cruise control in heavy traffic, on roads with sharp/blind bends or when they are slippery, may result in loss of motorcycle control and an accident.

### Warning

This Triumph motorcycle should be operated within the legal speed limits for the particular road travelled.

Operating a motorcycle at high speeds can be potentially dangerous since the time available to react to given traffic situations is greatly reduced as road speed increases.

Always reduce speed in potentially hazardous driving conditions such as bad weather or heavy traffic.

### Warning

Only operate this Triumph motorcycle at high speed in closed-course, on-road competition or on closed-course racetracks.

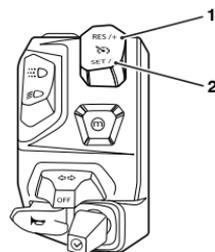
High speed operation should only then be attempted by riders who have been instructed in the techniques necessary for high speed riding and are familiar with the motorcycle's characteristics in all conditions.

High speed operation in any other circumstances is dangerous and will lead to loss of motorcycle control and an accident.

#### Note

**Cruise control may not function if there is a malfunction with the ABS and the ABS warning light is illuminated.**

The cruise control buttons are located on the left hand switch housing and can be operated with minimum movement by the rider.



1. Cruise control RES/+ button
2. Cruise control SET/- button

Cruise control can be switched on or off at any time but it can not be activated until all the conditions described on page 110 have been met.

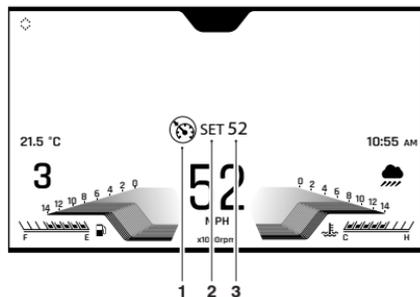
### Activating Cruise Control

To turn on the cruise control system, press the SET/- button. The cruise control symbol will be shown in the display screen. The cruise control set speed will be shown as '--' indicating that a speed has not yet been set.

To activate cruise control, the following conditions have to be met:

- ▼ The motorcycle must be travelling at a speed between 19 to 100 mph (30 to 160 km/h).
- ▼ The motorcycle must be in 3<sup>rd</sup> gear or higher.
- ▼ Once these conditions have been met, press the SET/- button to activate cruise control. The cruise control symbol will be shown in a green light in the TFT display to indicate that cruise control is now active.

The word SET will be shown next to the cruise control symbol. The cruise control set speed will be shown and the cruise control light will illuminate in the tachometer indicating that cruise control is active.



1. Cruise control symbol
2. Cruise control set indicator
3. Cruise control set speed

The cruise control system will maintain the set speed until:

- ▼ The set speed is adjusted as described on page 110.
- ▼ Cruise control is deactivated as described on page 111.

### Adjusting the Set Speed While in Cruise Control

To adjust the set speed while in cruise control, press and release the:

- ▼ RES/+ button to increase the speed
- ▼ SET/- button to decrease the speed.

Each press of the buttons will adjust the speed by 1 mph or 1 km/h. If the buttons are held, the speed continuously increases or decreases in single digit increments.

Stop pressing the adjust button when the required speed is shown in the display.

#### Note

**The cruise control set speed display will flash until the new set speed has been achieved.**

**If riding up a steep incline and cruise control is unable to maintain the set speed, the cruise control set speed display will flash until the motorcycle has regained the set speed.**

An alternative way to increase the speed in cruise control is to accelerate to the required speed using the throttle grip and then press the SET/- button.

## Deactivating Cruise Control

The cruise control can be deactivated by one of the following methods:

- ▼ Roll the throttle twist grip fully forward.
- ▼ Pull the clutch lever.
- ▼ Operate the front or rear brake.
- ▼ Increase speed by using the throttle for more than 60 seconds.

Upon deactivation, the cruise control light will go out in the tachometer but the SET indicator and set speed will still be shown in the display screen, indicating that the cruise control set speed has been stored.

The cruise control set speed can be resumed as described on page 111, provided the cruise control has not been deactivated by turning the ignition switch to the OFF position.

## Resuming the Cruise Control Set Speed

### Warning

When resuming cruise control, always make sure that the traffic conditions are suitable for the set speed.

Using cruise control in heavy traffic, on roads with sharp/blind bends or when they are slippery, may result in loss of motorcycle control and an accident.

Cruise control will be deactivated if one of the following actions has been taken:

- ▼ Roll the throttle twist grip fully forward.
- ▼ Pull the clutch lever.
- ▼ Operate the front or rear brake.
- ▼ Increase speed by using the throttle grip for more than 60 seconds.

The cruise control set speed can be resumed by pressing and releasing the RES/+ button provided a set speed has been stored.

The motorcycle must be travelling at a speed between 19 to 100 mph (30 to 160 km/h) and be in 3<sup>rd</sup> gear or higher.

A stored set speed is indicated by the word SET next to the cruise control symbol in the display screen.

The stored set speed will remain in the cruise control memory until the ignition switch has been turned to the OFF position.

### Note

**The cruise control set speed display will flash until the resumed set speed has been achieved.**

## Traction Control (TC)

### Warning

The traction control and optimised cornering traction control systems are not a substitute for riding appropriately for the prevailing surface and weather conditions. The systems cannot prevent loss of traction due to; excessive speed when entering turns, accelerating at a sharp lean angle and braking.

Traction control or optimised cornering traction control cannot prevent the front wheel from slipping.

Failure to observe any of the above may result in loss of motorcycle control and an accident.

Traction control helps to maintain traction when accelerating on wet/slippery road surfaces. If sensors detect that the rear wheel is losing traction (slipping), the traction control system will engage and alter the engine power until traction to the rear wheel has been restored. The traction control warning light will flash while it is engaged and the rider may notice a change to the sound of the engine.

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 Settings

### Warning

Do not attempt to adjust the traction control settings while the motorcycle is in motion as this may lead to loss of motorcycle control and an accident.

### Warning

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.

The traction control can be set as described on page 97 for Street Triple RS and Street Triple Moto2™ Edition, or on page 64 for Street Triple R models.

If traction control is turned OFF, the TC disabled warning light will be illuminated (see page 77 or page 74 for Street Triple RS and Street Triple Moto2™ Edition, or page 46 or page 74 for Street Triple R models).

The traction control defaults to ON after the ignition has been switched OFF and then switched ON again.

## Tyre Pressure Monitoring System (TPMS) (if fitted)



### Note

The Tyre Pressure Monitoring System (TPMS) is available as an accessory option on all models and must be fitted by your authorised Triumph dealer. The TPMS display on the instruments will only be activated when the system has been fitted.

Tyre pressure sensors are fitted to the front and rear wheels. These sensors measure the air pressure inside the tyre and transmit pressure data to the instruments. These sensors will not transmit the data until the motorcycle is travelling at a speed greater than 12 mph (20 km/h). Two dashes will be shown in the display area until the tyre pressure signal is received.

An adhesive label will be fitted to the wheel rim to indicate the position of the tyre pressure sensor, which is near the valve.

## 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.

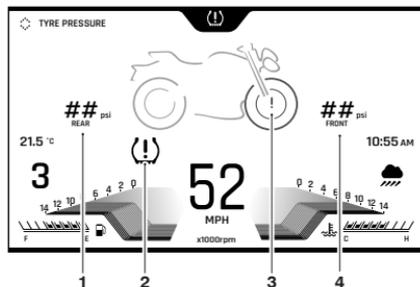


The tyre pressure warning light works in conjunction with the Tyre Pressure Monitoring System (see page 113).

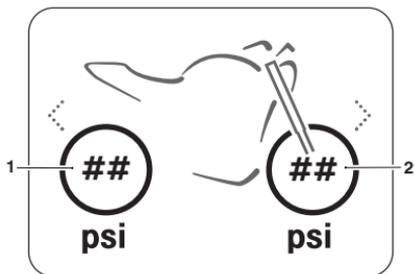
The warning light will only illuminate when the front or rear tyre pressure is below the recommended pressure. It will not illuminate if the tyre is over inflated.

## GENERAL INFORMATION

When the warning light is illuminated, the Tyre Pressure display will show which tyre is the deflated tyre. It will also show the tyre pressure.



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



1. Rear tyre pressure indicator
2. Front tyre pressure indicator

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 (see page 189). 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.

### Tyre Pressure Sensor Serial Number

The serial number for the tyre pressure sensor is printed on a label attached to the sensor. This number may be required by your authorised Triumph dealer for service or diagnostics.

When the tyre pressure monitoring system is being fitted to the motorcycle, make sure that your authorised Triumph dealer records the serial numbers of the front and rear tyre pressure sensors in the spaces provided below.

#### Front Tyre Pressure Sensor

#### Rear Tyre Pressure Sensor

## Tyre Pressures

### **Warning**

The daily check of tyre pressures must not be excluded because of the fitment of the Tyre Pressure Monitoring System (TPMS).

The Tyre Pressure Monitoring System (TPMS) is not to be used as a tyre pressure gauge when adjusting the tyre pressures.

For correct tyre pressures, always check the tyre pressures when the tyres are cold using an accurate tyre pressure gauge.

Use of the TPMS system to set inflation pressures may lead to incorrect tyre pressures leading to loss of motorcycle control and an accident.

### **Caution**

Do not use anti puncture fluid or any other item likely to obstruct air flow to the TPMS sensor's orifices. Any blockage to the air pressure orifice of the TPMS sensor during operation will cause the sensor to become blocked, causing irreparable damage to the TPMS sensor assembly.

Damage caused by the use of anti puncture fluid or incorrect maintenance is not considered a manufacturing defect and will not be covered under warranty.

Always have the tyres fitted by an authorised Triumph dealer. It is important to inform them that tyre pressure sensors are fitted to the wheels before they remove the tyres.

The tyre pressures shown on the instrument panel indicate the actual tyre pressure at the time of selecting the display. This may differ from the inflation pressure set when the tyres are cold because tyres become warmer during riding, causing the air in the tyre to expand and the pressure to increase. The cold inflation pressures specified by Triumph take account of this.

Only adjust tyre pressures when the tyres are cold using an accurate tyre pressure gauge (see page 190), and do not use the tyre pressure display on the instruments.

## Replacement Tyres

When replacing tyres, always have an authorised Triumph dealer fit your tyres and make sure they are aware that tyre pressure sensors are fitted to the wheels.

### Sensor Batteries

When the battery voltage in a pressure sensor is low, a message will be shown in the instrument display and the TPMS symbol or message will indicate which wheel sensor has the low battery voltage. If the batteries are completely flat, only dashes will be shown in the instrument display, the red TPMS warning light will be on and the TPMS symbol will flash continuously. Contact your authorised Triumph dealer to have the sensor replaced and the new serial number recorded in the spaces provided on page 114.

With the ignition switch turned to the ON position, if the TPMS symbol flashes continuously or the TPMS warning light remains on there is a fault with the TPMS system. Contact your authorised Triumph dealer to have the fault rectified.

### Side Stand

#### Warning

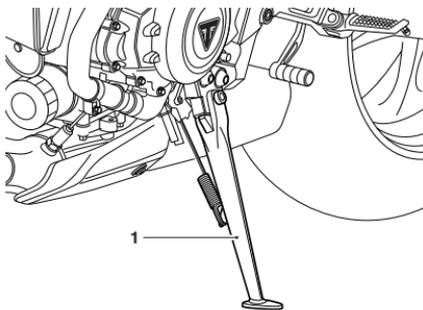
The motorcycle is fitted with an interlock system to prevent it from being ridden with the side stand in the down position.

Never attempt to ride with the side stand down or interfere with the interlock mechanism as this will cause a dangerous riding condition leading to loss of motorcycle control and an accident.

#### Warning

Do not lean, sit or climb on the motorcycle when it is supported on the side stand.

This may cause the motorcycle to fall over leading to motorcycle damage and an accident.



1. Side stand

The motorcycle is equipped with a side stand on which the motorcycle can be parked.

When using the side stand, always turn the handlebars fully to the left and leave the motorcycle in first gear.

Whenever the side stand is used, before riding, always make sure that the side stand is fully up after first sitting on the motorcycle.

For instructions on safe parking, refer to the How to Ride the Motorcycle section.

## Seats

### Seat Care

 **Caution**

To prevent damage to the seat or seat cover, care must be taken not to drop the seat. Do not lean the seat against the motorcycle or any surface which may damage the seat or seat cover. Instead, place the seat, with the seat cover facing upwards, on a clean, flat surface which is covered with a soft cloth.

Do not place any item on the seat which may cause damage or staining to the seat cover.

See page 214 for seat cleaning information.

## Seat - Removal

**Warning**

Make sure the motorcycle is stabilised and adequately supported.

Do not support the motorcycle on any ancillary component, the exhaust system or any other non structural parts of the motorcycle frame.

A correctly supported motorcycle will help prevent it from falling.

An unstable motorcycle may fall, causing injury to the operator or damage to the motorcycle.

**Caution**

To prevent damage to the seats or seat covers, care must be taken not to drop the seats. Do not lean the seats against the motorcycle or any surface which may damage the seats or seat covers. Instead, place the seats, with the seat cover facing upwards, on a clean, flat surface which is covered with a soft cloth.

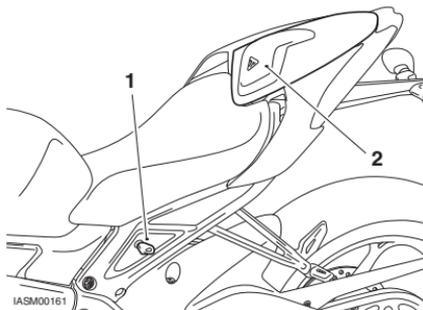
Do not place any item on the seats which may cause damage or staining to the seat covers.

**Note**

The passenger seat or the seat cowl must be removed prior to removing the rider's seat.

**Passenger Seat/Seat Cowl**

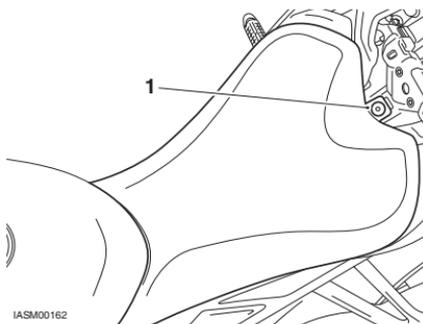
- ▼ Insert the ignition key into the seat lock and turn it anticlockwise while pressing down on the front of the seat. This will release the passenger seat from its lock and allow it to be slid forwards for complete removal from the motorcycle



1. Seat lock
2. Passenger seat shown

**Rider's Seat**

- ▼ Remove the passenger seat/seat cowl as described above.
- ▼ Remove the fixing at the rear of the seat.
- ▼ Lift the seat up from the back and slide rearwards for complete removal from the motorcycle.



1. Fixing

## Seat - Installation

### Rider's Seat

#### **Warning**

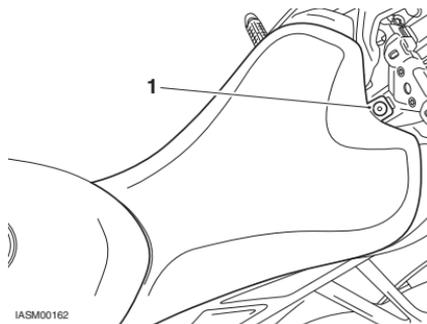
Make sure the motorcycle is stabilised and adequately supported.

Do not support the motorcycle on any ancillary component, the exhaust system or any other non structural parts of the motorcycle frame.

A correctly supported motorcycle will help prevent it from falling.

An unstable motorcycle may fall, causing injury to the operator or damage to the motorcycle.

- ▼ Engage the seat's tongue under the fuel tank.
- ▼ Lower the rear of seat and make sure its hooks locate into the slots on the seat bridge.
- ▼ Fit the fixing to the rear of the seat and tighten to 3 Nm.



IASM00162

#### 1. Fixing

#### **Warning**

The rider's seat is only correctly retained and supported once the fixing is correctly tightened. Never ride the motorcycle with the fixing loose or removed, as the rider's seat will not be secure and may move.

A loose or detached seat may cause loss of motorcycle control and an accident.

- ▼ Grasp the seat and pull firmly upwards to make sure it is securely retained.
- ▼ Refit the passenger seat/seat cowl as follows.

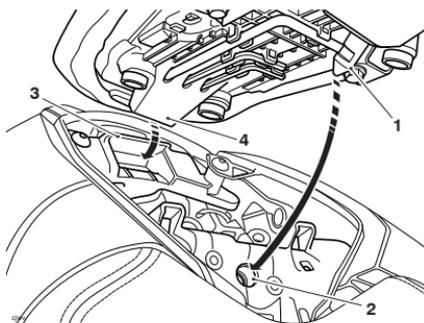
## GENERAL INFORMATION

### Passenger Seat/Seat Cowl

- ▼ Engage the seat's tongue into the rear seat bridge.
- ▼ Align the locating peg to the lock and press down engaging the seat lock.

#### Note

**An audible click can be heard when the seat is fully engaged in its lock.**



1. Locating peg
2. Lock
3. Rear seat bridge
4. Tongue

### Warning

Never ride the motorcycle with the passenger seat or seat cowl detached or removed.

To prevent detachment of the seat during riding, after fitting always grasp the seat and pull firmly upwards.

If the seat is not correctly secured it will detach from the lock. A loose or detached seat could cause loss of motorcycle control and an accident.

- ▼ Grasp the seat and pull firmly upwards to make sure it is securely retained.

## Owner's Handbook and Tool Kit

### Owner's Handbook/Quick Start Guide

The Owner's Handbook or Quick Start Guide is supplied with the motorcycle.

### Tool Kit

The tool kit is located on the underside of the passenger seat.

The tool kit includes a:

- ▼ Screwdriver
- ▼ 3 mm Allen key
- ▼ 4 mm Allen key
- ▼ 5 mm Allen key
- ▼ Front fork adjuster tool.

## Universal Serial Bus (USB) Socket

### ⚠ Warning

The USB socket is not waterproof unless the waterproof cap is installed. Do not connect electronic devices whilst it is raining.

Water in the USB socket could lead to an electrical problem, resulting in motorcycle damage, loss of motorcycle control and an accident.

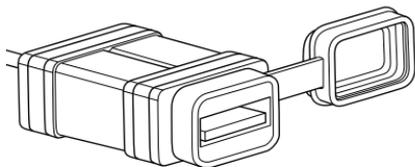
### ⚠ Caution

Do not leave the ignition switch in the ON position unless the engine is running as this will discharge the battery.

### ⚠ Caution

Make sure that all electronic devices and cables are safely secured under the seat when riding.

Make sure there is sufficient space surrounding any electronic devices for the seat to close without causing any damage to the electronic device or the motorcycle.

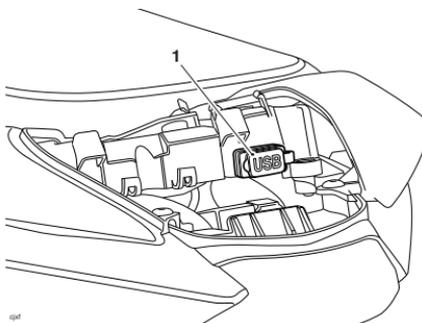


USB Port Socket

The Universal Serial Bus (USB) socket allows a 5 Volt USB connection for charging electronic devices such as mobile phones, cameras and GPS devices. Loads up to a maximum of two Amps can be connected to the USB socket.

To access the USB socket:

- ▼ Remove the passenger seat or seat cowl (see page 118).
- ▼ The USB socket is located on the right hand side, adjacent to the seat lock.



USB Port Socket

- ▼ Remove the cap.
- ▼ Plug the relevant USB adaptor cable into the socket.

### Note

Adaptor cables are not supplied with the motorcycle.

## Running-In



Running-in is the name given to the process that occurs during the first hours of a new vehicle's operation.

In particular, internal friction in the engine will be higher when components are new. Later on, when continued operation of the engine has ensured that the components have 'bedded in', this internal friction will be greatly reduced.

A period of careful running-in will ensure lower exhaust emissions, and will optimise performance, fuel economy and longevity of the engine and other motorcycle components.

During the first 600 miles (1,000 km):

- ▼ Do not use full throttle;
- ▼ Avoid high engine speeds at all times;
- ▼ Avoid riding at one constant engine speed, whether fast or slow, for a long period of time;
- ▼ Avoid aggressive starts, stops, and rapid accelerations, except in an emergency;
- ▼ Do not ride at speeds greater than 3/4 of maximum speed.

From 600 to 1,000 miles (1,000 to 1,500 km):

- ▼ Engine speed can gradually be increased to the rev limit for short periods.

Both during and after running-in has been completed:

- ▼ Do not overrev the engine when cold;
- ▼ Do not let the engine labour. Always downshift before the engine begins to 'struggle';
- ▼ Do not ride with engine speeds unnecessarily high. Changing up a gear helps reduce fuel consumption, reduces noise and helps to protect the environment.

## Daily Safety Checks



### Warning

Failure to perform these checks every day before you ride may result in serious motorcycle damage or an accident causing serious injury or death.

Check the following items each day before you ride. The time required is minimal, and these checks will help ensure a safe, reliable ride.

If any irregularities are found during these checks, refer to the Maintenance and Adjustment section or see your authorised Triumph dealer for the action required to return the motorcycle to a safe operating condition.

Check the following:

**Fuel:** Adequate supply in tank, no fuel leaks (page 106).

**Engine Oil:** Correct level on dipstick. Add correct specification oil as required. No leaks from the engine or oil cooler (page 149).

**Drive Chain:** Correct adjustment (page 161).

**Tyres/Wheels:** Correct inflation pressures (when cold). Tread depth/wear, tyre/wheel damage, punctures etc. (page 189).

**Nuts, Bolts, Fasteners:** Visually check that steering and suspension components, axles, and all controls are properly tightened or fastened. Inspect all areas for loose/damaged fixings.

**Steering Action:** Smooth but not loose from lock to lock. No binding of any of the control cables (page 175).

**Brakes:** Pull the brake lever and push the brake pedal to check for correct resistance. Investigate any lever/pedal where the travel is excessive before meeting resistance, or if either control feels spongy in operation (page 165).

**Front Brake Pads:** Check that the correct amount of friction material is remaining on all the brake pads (page 165).

**Brake Fluid Levels:** No brake fluid leakage. Brake fluid levels must be between the MAX and MIN marks on both reservoirs (page 168).

**Front Forks:** Smooth action. No leaks from fork seals (page 176).

**Throttle:** Make sure that the throttle grip returns to the idle position without sticking (page 26).

**Clutch:** Smooth operation and correct cable free play (page 158).

**Coolant:** No coolant leakage. Check the coolant level in the expansion tank (when the engine is cold) (page 155).

**Electrical Equipment:** All lights and the horn function correctly (page 203).

**Engine Stop:** Stop switch turns the engine off (page 126).

**Stand:** Returns to the fully up position by spring tension. Return springs not weak or damaged (page 116).

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# HOW TO RIDE THE MOTORCYCLE

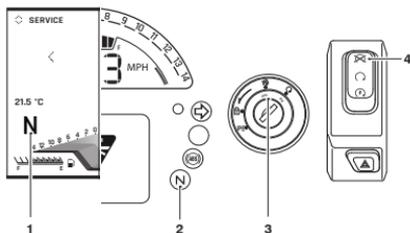
## Stopping the Engine

### ⚠ Caution

The engine should normally be stopped by turning the ignition switch to the OFF position.

The engine stop switch is for emergency use only.

Do not leave the ignition switched on with the engine stopped. Electrical damage may result.



1. Neutral indicator (Street Triple RS and Street Triple Moto2™ Edition)
2. Neutral indicator (Street Triple R)
3. OFF position on the ignition switch
4. STOP position on the engine start/stop switch (Street Triple R shown)

To stop the engine:

- ▼ Close the throttle completely.
- ▼ Select neutral.
- ▼ Turn the ignition switch to the OFF position.
- ▼ Select first gear.
- ▼ Support the motorcycle on a firm, level surface with the side stand.
- ▼ Lock the steering.

## Starting the Engine

### ⚠ Warning

Never start the engine or run the engine in a confined area.

Exhaust fumes are poisonous and can cause loss of consciousness and death within a short period of time.

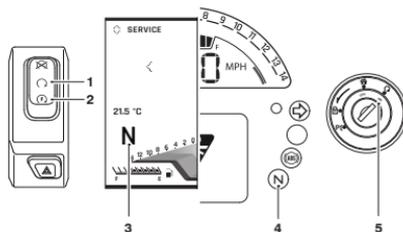
Always operate the motorcycle in the open air or in an area with adequate ventilation.

### ⚠ Caution

Do not operate the starter continuously for more than five seconds as the starter motor will overheat and the battery will become discharged.

Wait 15 seconds between each operation of the starter to allow for cooling and recovery of battery power.

Do not let the engine idle for long periods as this may lead to overheating which will cause damage to the engine.



1. RUN position on the engine start/stop switch (Street Triple R shown)
2. START position on the engine start/stop switch (Street Triple R shown)
3. Neutral indicator (Street Triple RS and Street Triple Moto2™ Edition)
4. Neutral indicator (Street Triple R)
5. ON position on the ignition switch

To start the engine:

- ▼ Check that the stop switch is in the RUN position.
- ▼ Make sure the transmission is in neutral.
- ▼ Pull the clutch lever fully into the handlebar.
- ▼ Turn the ignition switch to the ON position.

## Note

**When the ignition is switched on, the tachometer will quickly sweep from zero to maximum and then return to zero (Street Triple R only). The instrument warning lights will illuminate and will then go off (except those which normally remain on until the engine starts – see page 72 for Street Triple RS, Street Triple Moto2™ Edition and page 42 for Street Triple R.**

It is not necessary to wait for the tachometer to return to zero before starting the engine (Street Triple R only).

A transponder is fitted within the key to turn off the engine immobiliser. To make sure the immobiliser functions correctly, always have only one of the ignition keys near the ignition switch. Having two ignition keys near the switch may interrupt the signal between the transponder and the engine immobiliser. In this situation the engine immobiliser will remain active until one of the ignition keys is removed.

- ▼ Leaving the throttle fully closed, push the starter button until the engine starts.
- ▼ Slowly release the clutch lever.

## Caution

The low oil pressure warning light should go out shortly after the engine starts.

If the low oil pressure warning light stays on after starting the engine, stop the engine immediately and investigate the cause.

Running the engine with low oil pressure will cause severe engine damage.

- ▼ The motorcycle is equipped with starter lockout switches. The switches prevent the electric starter from operating when a gear is engaged with the side stand down.
- ▼ If the side stand is extended whilst the engine is running, and the transmission is not in neutral then the engine will stop regardless of clutch position.

# HOW TO RIDE THE MOTORCYCLE

## Moving Off

To move the motorcycle:

- ▼ Pull in the clutch lever and select first gear.
- ▼ Open the throttle a little and let out the clutch lever slowly.
- ▼ As the clutch starts to engage, open the throttle a little more, allowing enough engine speed to avoid stalling.

## Changing Gears

### Warning

Take care to avoid opening the throttle too far or too fast in any of the lower gears as this can lead to the front wheel lifting from the ground (pulling a 'wheelie') and to the rear tyre breaking traction (wheel spin).

Always open the throttle cautiously, particularly if you are unfamiliar with the motorcycle, as a 'wheelie' or loss of traction will cause loss of motorcycle control and an accident.

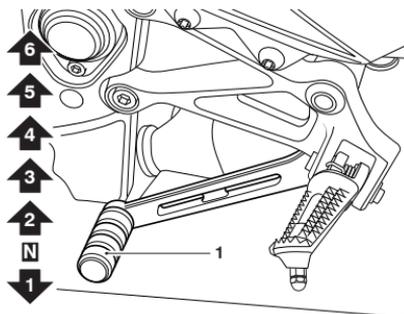
### Warning

Do not change to a lower gear at speeds that will cause excessive engine rpm (r/min).

This can lock the rear wheel causing loss of control and an accident. Engine damage may also be caused.

Changing down should be done such that low engine speeds will be ensured.

For models fitted with Triumph Shift Assist (TSA), see page 129.



1. Gear change pedal

To change gear:

- ▼ Close the throttle while pulling in the clutch lever.
- ▼ Change into the next higher or lower gear.
- ▼ Open the throttle part way, while releasing the clutch lever.
- ▼ Always use the clutch when changing gear.

## Note

**The gear change mechanism is the 'positive stop' type. This means that, for each movement of the gear change pedal, you can only select each gear, one after the other, in ascending or descending order.**

## Triumph Shift Assist (TSA) (if fitted)

### Caution

In the event of a TSA system fault when riding, the TSA system will be disabled.

Use the clutch to change gears in the normal way otherwise damage to the engine or gear box may occur.

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

### Caution

Changing gears must be completed with a quick and forceful pedal movement, making sure that the pedal moves through its full range of travel.

Always take care when changing gears. After a gear change, the pedal must be fully released before another gear change can be made.

Incorrect gear changes can cause damage to the engine and transmission.

Triumph Shift Assist (TSA) adjusts the engine torque to allow gears to engage, without closure of the throttle twist grip or operation of the clutch.

TSA is not an automatic system for changing gears. Gears must be selected and changed in the normal way using the gear pedal as described on page 128.

TSA works for both up shifts and down shifts of gear. The clutch must be used for stopping and pulling away. The clutch must be used when selecting any gear from neutral, and also when selecting neutral from any other gear.

# HOW TO RIDE THE MOTORCYCLE

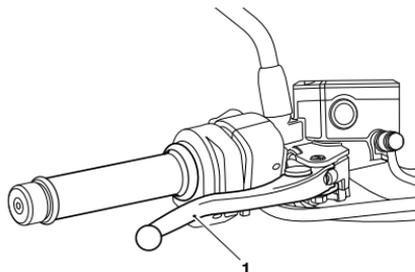
Triumph Shift Assist will not operate if:

- ▼ The clutch is applied.
- ▼ An up shift is attempted by mistake when in 6th gear.
- ▼ A down shift is attempted by mistake when in 1st gear.
- ▼ An up shift is attempted at very low engine speeds.
- ▼ A down shift is attempted at very high engine speeds.
- ▼ An up shift is attempted during overrun.
- ▼ The vehicle speed limiter is active.
- ▼ Cruise control is active.
- ▼ Traction control is operating.
- ▼ If the previous gear has not fully engaged.
- ▼ The throttle is changed during a shift.

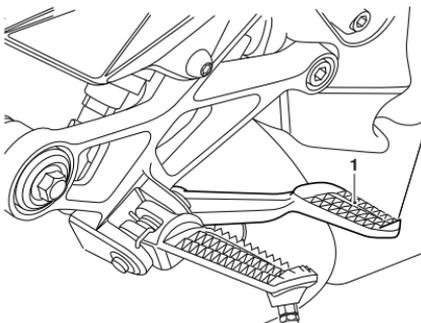
If TSA does not operate, the clutch can be used to change gears in the normal way.

For more information on enabling and disabling the TSA functionality, see page 82.

## Braking



**1. Front brake lever (Street Triple R shown)**



**1. Rear brake pedal**

## Warning

WHEN BRAKING, OBSERVE THE FOLLOWING:

- Close the throttle completely, leaving the clutch engaged to allow the engine to help slow down the motorcycle.
- Change down one gear at a time such that the transmission is in first gear when the motorcycle comes to a complete stop.
- When stopping, always apply both brakes at the same time. Normally the front brake should be applied a little more than the rear.
- Change down or fully disengage the clutch as necessary to keep the engine from stalling.
- Never lock the brakes, as this may cause loss of control of the motorcycle and an accident.

## Warning

For emergency braking, disregard down changing, and concentrate on applying the front and rear brakes as hard as possible without skidding. Riders should practice emergency braking in a traffic-free area.

Triumph strongly recommends that all riders take a course of instruction, which includes advice on safe brake operation. Incorrect brake technique could result in loss of control and an accident.

## Warning

For your safety, always exercise extreme caution when braking, accelerating or turning as any incautious action can cause loss of control and an accident. Independent use of the front or rear brakes reduces overall braking performance. Extreme braking may cause either wheel to lock, reducing control of the motorcycle and causing an accident (see ABS warnings).

When possible, reduce speed or brake before entering a turn as closing the throttle or braking in mid-turn may cause wheel slip leading to loss of control and an accident.

When riding in wet or rainy conditions, or on loose surfaces, the ability to manoeuvre and stop will be reduced. All of your actions should be smooth under these conditions. Sudden acceleration, braking or turning may cause loss of control and an accident.

## Warning

When descending a long, steep gradient or mountain pass, make use of the engine's braking effect by down changing and use both front and rear brakes intermittently.

Continuous brake application or use of the rear brake only can overheat the brakes and reduce their effectiveness leading to loss of motorcycle control and an accident.

# HOW TO RIDE THE MOTORCYCLE

## Warning

Riding with your foot on the brake pedal or your hands on the brake lever may actuate the brake light, giving a false indication to other road users.

It may also overheat the brake, reducing braking effectiveness leading to loss of motorcycle control and an accident.

## Warning

Do not coast with the engine switched off, and do not tow the motorcycle.

The transmission is pressure lubricated only when the engine is running.

Inadequate lubrication may cause damage or seizure of the transmission, which can lead to sudden loss of motorcycle control and an accident.

## ABS (Anti-Lock Brake System)

### Warning

The ABS function attempts to maximise the chances of keeping the motorcycle under control when braking. The potentially shorter braking distances ABS allows under certain conditions are not a substitute for good riding practice.

Always ride within the legal speed limit.

Never ride without due care and attention and always reduce speed in consideration of weather, road and traffic conditions.

Take care when cornering. If the brakes are applied in a corner, ABS will not be able to counteract the weight and momentum of the motorcycle. This can result in loss of control and an accident.

Under some circumstances it is possible that a motorcycle equipped with ABS may require a longer stopping distance.

## ABS Warning Light



When the ignition switch is turned to the ON position, it is normal for the ABS warning light to flash on and off see page 43. If the ABS warning light is constantly illuminated it indicates that the ABS function is not available because:

- ▼ The ABS has a malfunction that requires investigation.

If the indicator light becomes illuminated while riding, it indicates that the ABS has a malfunction that requires investigation.

## Note

**The ABS operation may feel like a harder pedal pressure or a pulsation of the brake lever and pedal.**

**The ABS is not an integrated braking system and does not control both the front and rear brake at the same time so this pulsation may be felt in the lever, the pedal or both.**

**The ABS may be activated by sudden upward or downward changes in the road surface.**

## Warning

If the Anti-lock Brake System (ABS) is not functioning, the brake system will continue to function as a non-ABS equipped brake system.

In this situation, braking too hard will cause the wheels to lock resulting in loss of control and an accident.

Reduce speed and do not continue to ride for longer than is necessary with the ABS warning light illuminated. Contact an authorised Triumph dealer as soon as possible to have the fault checked and rectified.

## Warning

The ABS warning light will illuminate when the rear wheel is driven at high speed for more than 30 seconds when the motorcycle is on a stand. This reaction is normal.

When the ignition is switched off and the motorcycle is restarted, the warning light will illuminate until the motorcycle reaches a speed exceeding 19 mph (30 km/h).

## Warning

ABS operates by comparing the relative speed of the front and rear wheels.

Use of non-recommended tyres can affect wheel speed and cause the ABS not to operate, potentially leading to loss of control and an accident in conditions where the ABS would normally function.

# HOW TO RIDE THE MOTORCYCLE

## Parking

### Warning

The engine and exhaust system will be hot after riding.

DO NOT park where pedestrians and children are likely to touch the motorcycle.

Touching any part of the engine or exhaust system when hot may cause unprotected skin to become burnt.

### Warning

Petrol is extremely flammable and can be explosive under certain conditions.

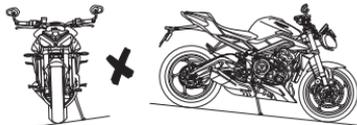
If parking inside a garage or other structure, be sure it is well ventilated and the motorcycle is not close to any source of flame or sparks. This includes any appliance with a pilot light.

Failure to follow the above advice may cause a fire resulting in damage to property or personal injury.

### Warning

Do not park on a soft or steeply inclined surface.

Parking under these conditions may cause the motorcycle to fall over causing damage to property and personal injury.



To park the motorcycle:

- ▼ Select neutral and turn the ignition switch to the OFF position.
- ▼ Select first gear.
- ▼ Lock the steering to help prevent theft.
- ▼ Always park on a firm, level surface to prevent the motorcycle from falling. This is particularly important when parking off-road.
- ▼ When parking on a hill, always park facing uphill to prevent the motorcycle from rolling off the stand. Engage first gear to prevent the motorcycle from moving.
- ▼ On a lateral (sideways) incline, always park such that the incline naturally pushes the motorcycle towards the side stand.
- ▼ Do not park on a lateral (sideways) incline of greater than 6° and never park facing downhill.
- ▼ Do not leave the switch in the P position for long periods of time as this will discharge the battery.
- ▼ When parking near traffic at night, or when parking in a location where parking lights are required by law, leave the tail, licence plate and position lights on by turning the ignition switch to P (PARK).

## Considerations for High Speed Operation

### Warning

This Triumph motorcycle should be operated within the legal speed limits for the particular road travelled.

Operating a motorcycle at high speeds can be potentially dangerous since the time available to react to given traffic situations is greatly reduced as road speed increases.

Always reduce speed in potentially hazardous driving conditions such as bad weather or heavy traffic.

### 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 then 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.

# HOW TO RIDE THE MOTORCYCLE



## Warning

The handling characteristics of a motorcycle at high speed may vary from those you are familiar with at legal road speeds.

Do not attempt high speed operation unless you have received sufficient training and have the required skills as a serious accident may result from incorrect operation.



## Warning

The items listed below are extremely important and must never be neglected. A problem, which may not be noticed at normal operating speeds, may be greatly exaggerated at high speeds.

### General

Make sure that the motorcycle has been maintained according to the scheduled maintenance chart.

### Brakes

Check that the front and rear brakes are functioning correctly.

### Coolant

Check that the coolant level is at the upper level line in the expansion tank. Always check the level with the engine cold.

### Electrical Equipment

Make sure that all electrical equipment such as the headlight, rear/brake light, direction indicators and horn all work correctly.

### Engine Oil

Check that the engine oil level is correct. Make sure that the correct grade and type of oil is used when topping up.

## Drive Chain

Make sure that the drive chain is correctly adjusted and lubricated. Inspect the chain for wear and damage.

## Fuel

Have sufficient fuel for the increased fuel consumption that will result from high speed operation.



## Caution

In many countries, the exhaust system for this model is fitted with a catalytic converter to help reduce exhaust emission levels.

The catalytic converter can be permanently damaged if the motorcycle is allowed to run out of fuel or if the fuel level is allowed to get very low.

Always make sure you have adequate fuel for your journey.

## Luggage

Make sure that any luggage containers are closed, locked and securely fitted to the motorcycle.

## Miscellaneous

Visually check that all fixings are tight.

## Steering

Check that the handlebar turns smoothly without excessive free play or tight spots. Make sure that the control cables do not restrict the steering in any way.

## Tyres

High speed operation is hard on tyres, and tyres that are in good condition are crucial to riding safely. Examine their overall condition, inflate to the correct pressure (when the tyres are cold), and check the wheel balance. Securely fit the valve caps after checking tyre pressures. Observe the information given in the maintenance and specification sections on tyre checking and tyre safety.

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## Accessories

### Warning

Do not install accessories or carry luggage that impairs the control of the motorcycle.

Make sure that you have not adversely affected any lighting component, road clearance, banking capability (i.e. lean angle), control operation, wheel travel, front fork movement, visibility in any direction, or any other aspect of the motorcycle's operation.

### Warning

Fit only genuine Triumph accessories to the correct Triumph motorcycle model.

Always check the Triumph Fitting Instruction associated with the genuine Triumph accessory. Make sure the Triumph motorcycle model that the Triumph accessory is to be fitted to, is listed as approved for the genuine Triumph accessory. For all Triumph Fitting Instructions, see [www.triumphinstructions.com](http://www.triumphinstructions.com).

Never fit genuine Triumph accessories to a Triumph motorcycle model that is not listed in the associated Triumph Fitting Instruction, as this may affect handling, stability or other aspects of the motorcycle operation that may result in an accident causing severe injuries or death.

### Warning

Owners should be aware that the only approved parts, accessories and conversions for any Triumph motorcycle are those which carry official Triumph approval and are fitted to the motorcycle by an authorised dealer.

In particular, it is extremely hazardous to fit or replace parts or accessories whose fitting requires the dismantling of, or addition to, either the electrical or fuel systems and any such modification could cause a safety hazard.

The fitting of any non-approved parts, accessories or conversions may adversely affect the handling, stability or other aspect of the motorcycle operation that may result in an accident causing injury or death.

Triumph does not accept any liability whatsoever for defects caused by the fitting of non-approved parts, accessories or conversions or the fitting of any approved parts, accessories or conversions by non-approved personnel.

# ACCESSORIES, LOADING AND PASSENGERS

## Warning

Never ride an accessory equipped motorcycle, or a motorcycle carrying a payload of any kind, at speeds above 80 mph (130 km/h). In either/both of these conditions, speeds in excess of 80 mph (130 km/h) should not be attempted even where the legal speed limit permits this.

The presence of accessories and/or payload will cause changes in the stability and handling of the motorcycle.

Failure to allow for changes in motorcycle stability may lead to loss of motorcycle control and an accident. When riding at high speed, always be aware that various motorcycle configuration and environmental factors can adversely affect the stability of your motorcycle. For example:

- Incorrectly balanced loads on both sides of the motorcycle
- Incorrectly adjusted front and rear suspension settings
- Incorrectly adjusted tyre pressures
- Excessively or unevenly worn tyres
- Side winds and turbulence from other vehicles
- Loose clothing.

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

## Loading

### Warning

Never attempt to store any items between the frame and the fuel tank.

This can restrict the steering and will cause loss of control leading to an accident.

Weight attached to the handlebar or front fork will increase the mass of the steering assembly and can result in loss of steering control leading to an accident.

### Warning

The maximum safe load for each pannier is stated on a label inside the pannier.

Never exceed this loading limit as this may cause the motorcycle to become unstable leading to loss of motorcycle control and an accident.

### Warning

Do not use the passenger seat to carry any objects.

Carrying objects on the passenger seat may lead to loss of motorcycle control and an accident.

**⚠ Warning**

Always make sure that any loads carried are evenly distributed on both sides of the motorcycle. Make sure that the load is correctly secured so that it will not move around while the motorcycle is in motion.

Evenly distribute the load within each pannier (if fitted). Pack heavy items at the bottom and on the inboard side of the pannier.

Always check the load security regularly (though not while the motorcycle is in motion) and make sure that the load does not extend beyond the rear of the motorcycle.

Never exceed the maximum vehicle loading weight as specified in the Specifications section.

This maximum loading weight is made up from the combined weight of the rider, passenger, any accessories fitted and any load carried.

For models that have adjustable suspension settings, make sure that front and rear spring preload and damping settings are suitable for the loading condition of the motorcycle. Note the maximum permissible payload for the panniers is stated on a label inside the pannier.

Incorrect loading may result in an unsafe riding condition leading to an accident.

**Passenger****⚠ Warning**

This motorcycle is designed for use as a two-wheeled vehicle capable of carrying a rider and up to one passenger (subject to a passenger seat and footrests being fitted).

The total weight of the rider, and any passenger, accessories and luggage must not exceed the maximum load limit as stated in the Specifications section.

**⚠ Warning**

Do not carry animals on your motorcycle.

An animal could make sudden and unpredictable movements that could lead to loss of motorcycle control and an accident.

**⚠ Warning**

Do not carry a passenger unless they are tall enough to reach the footrests provided.

A passenger who is not tall enough to reach the footrests will be unable to sit securely on the motorcycle and may cause instability leading to loss of control and an accident.

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## Scheduled Maintenance

### Warning

Triumph Motorcycles cannot accept any responsibility for damage or injury resulting from incorrect maintenance or improper adjustment carried out by the owner.

Incorrect or neglected maintenance can lead to a dangerous riding condition.

Always have an authorised Triumph dealer carry out the scheduled maintenance of this motorcycle.

### Warning

All maintenance is vitally important and must not be neglected. Incorrect maintenance or adjustment may cause one or more parts of the motorcycle to malfunction. A malfunctioning motorcycle may lead to loss of control and an accident.

Weather, terrain and geographical location affect maintenance. The maintenance schedule should be adjusted to match the particular environment in which the motorcycle is used and the demands of the individual owner.

Special tools, knowledge and training are required in order to correctly carry out the maintenance items listed in the scheduled maintenance chart. Only an authorised Triumph dealer will have this knowledge and equipment.

Incorrect or neglected maintenance can lead to a dangerous riding condition. Always have an authorised Triumph dealer carry out the scheduled maintenance of this motorcycle.

To maintain the motorcycle in a safe and reliable condition, the maintenance and adjustments outlined in this section must be carried out as specified in the schedule of daily checks, and also in line with the scheduled maintenance chart. The information that follows describes the procedures to follow when carrying out the daily checks and some simple maintenance and adjustment items.

Scheduled maintenance may be carried out by your authorised Triumph dealer in three ways; annual maintenance, mileage based maintenance or a combination of both, depending on the mileage the motorcycle travels each year.

- ▼ Motorcycles travelling less than 6,000 miles (10,000 km) per year must be maintained annually. In addition to this, mileage based items require maintenance at their specified intervals, as the motorcycle reaches this mileage.
- ▼ Motorcycles travelling approximately 6,000 miles (10,000 km) per year must have the annual maintenance and the specified mileage based items carried out together.
- ▼ Motorcycles travelling more than 6,000 miles (10,000 km) per year must have the mileage based items maintained as the motorcycle reaches the specified mileage. In addition to this, annual based items will require maintenance at their specified annual intervals.

In all cases maintenance must be carried out at or before the specified maintenance intervals shown. Consult an authorised Triumph dealer for advice on which maintenance schedule is most suitable for your motorcycle.

Triumph Motorcycles cannot accept any responsibility for damage or injury resulting from incorrect maintenance or improper adjustment.

## Service Symbol/General Warning Symbol



The service symbol will illuminate for five seconds after the motorcycle start up sequence as a reminder that a service is due in approximately 60 miles (100 km). The service symbol will illuminate permanently when the mileage is reached, it will remain permanently illuminated until the service interval is reset using the Triumph Diagnostic tool.



The general warning symbol will flash if an ABS or engine management fault has occurred and the ABS and/or MIL warning lights are illuminated. Contact an authorised Triumph dealer as soon as possible to have the fault checked and rectified.

### Note

**Items marked \* in the following table are subject to additional labour charge, above the cost and time allowance for the basic service, which includes time to check only.**

## Scheduled Maintenance Table

Operation description	Odometer Reading in Miles (km) or Time Period, whichever comes first					
		First Service	Annual Service	Mileage Based Service		
	Daily	600 Mile (1,000 Km) or 6 Month Service	Year	6,000 and 18,000 Mile (10,000 and 30,000 Km) Service	12,000 Mile (20,000 Km) Service	24,000 Mile (40,000 Km) Service
<b>Lubrication</b>						
Engine and oil cooler - check for leaks	•	•	•	•	•	•
Engine oil - renew		•	•	•	•	•
Engine oil filter - renew		•	•	•	•	•
<b>Fuel System and Engine Management</b>						
Fuel system - check for leaks	•	•	•	•	•	•
Air filter - renew (replace more often if consistently riding in wet or dusty conditions)					•	•
Spark plugs - renew					•	•
<b>Cooling System</b>						
Cooling system - check for leaks	•	•	•	•	•	•
Coolant level - check/adjust	•	•	•	•	•	•
Cooling system - check coolant hoses for chafing, cracks or damage. Replace if necessary		•	•	•	•	•
Coolant - renew - every 3 years, regardless of mileage*		Every three years, regardless of mileage				
<b>Engine</b>						
Clutch - check operation	•	•	•	•	•	•
Clutch cable - check function and adjust as necessary (models fitted with a cable clutch only)	•	•	•		•	•
Clutch lever pivot - clean/grease		•	•	•	•	•
Valve clearances - check/adjust*					•	•
Camshaft timing - check/adjust*					•	•
<b>Wheels and Tyres</b>						
Wheels - inspect for damage	•	•	•	•	•	•
Tyre wear/tyre damage - check	•	•	•	•	•	•
Tyre pressures - check/adjust	•	•	•	•	•	•
Wheel bearings - check for wear/smooth operation		•	•	•	•	•
<b>Steering and Suspension</b>						
Steering - check for free operation	•	•	•	•	•	•
Front and rear suspension - check for damage/leaks/smooth operation	•	•	•	•	•	•
Headstock bearings - lubricate					•	•
Rear suspension unit and linkage - lubricate (single rear suspension unit models only)					•	•
Fork oil - renew						•

Operation description	Odometer Reading in Miles (km) or Time Period, whichever comes first					
		First Service	Annual Service	Mileage Based Service		
	Daily	600 Mile (1,000 Km) or 6 Month Service	Year	6,000 and 18,000 Mile (10,000 and 30,000 Km) Service	12,000 Mile (20,000 Km) Service	24,000 Mile (40,000 Km) Service
<b>Brakes</b>						
Brake system - check operation	•	•	•	•	•	•
Brake pads - check wear levels*	•	•	•	•	•	•
Brake fluid levels - check	•	•	•	•	•	•
Brake fluid - renew - every 2 years, regardless of mileage*	Every two years, regardless of mileage					
<b>Final Drive</b>						
Drive chain slack - check/adjust	•	•	•	•	•	•
Drive chain - wear check*		•	•	•	•	•
Drive chain - lubricate		•	•	•	•	•
Drive chain rubbing strip - check for wear, cracks or damage*		•	•	•	•	•
<b>Electrical</b>						
Lights, instruments and electrical systems - check/adjust	•	•	•	•	•	•
<b>General</b>						
Bank angle indicators - check for wear*	•	•	•	•	•	•
Centre and/or side stand - check for wear/smooth operation	•	•	•	•	•	•
Instruments and engine ECM - check for latest calibration download using the Triumph diagnostic tool		•	•	•	•	•
Autoscan - carry out a full Autoscan using the Triumph diagnostic tool (print a customer copy)		•	•	•	•	•
Side stand pivot pin - clean/grease		•	•	•	•	•
Carry out all outstanding Service Bulletin and warranty work		•	•	•	•	•
Carry out road test		•	•	•	•	•
Complete the service record book and reset the service indicator (if fitted)		•	•	•	•	•

## Engine Oil



### **Warning**

Motorcycle operation with insufficient, deteriorated, or contaminated engine oil will cause accelerated engine wear and may result in engine or transmission seizure.

Seizure of the engine or transmission may lead to sudden loss of motorcycle control and an accident.

In order for the engine, transmission, and clutch to function correctly, maintain the engine oil at the correct level, and change the engine oil and oil filter in accordance with scheduled maintenance requirements.

## Engine Oil Level Inspection

### **Warning**

Never start the engine or run the engine in a confined area.

Exhaust fumes are poisonous and can cause loss of consciousness and death within a short period of time.

Always operate the motorcycle in the open air or in an area with adequate ventilation.

### **Warning**

If the engine has recently been running, the exhaust components may be hot to the touch.

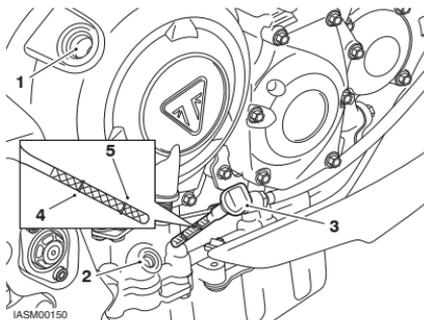
Contact with the hot components may cause damage to exposed skin.

To avoid skin damage, always allow the hot parts to cool before touching the exhaust system.

 **Caution**

Running the engine with insufficient engine oil will cause engine damage.

If the low oil pressure indicator remains on, stop the engine immediately and investigate the situation.



1. Filler
2. Dipstick location in crankcase
3. Dipstick
4. Upper marking
5. Lower marking

To inspect the engine oil level:

**Note**

**An accurate indication of the level of oil in the engine is only shown when the engine is at normal operating temperature, the motorcycle is upright (not on the side stand) and when the dipstick has been screwed fully home.**

**Do not add oil through the dipstick hole in the crankcase.**

- ▼ Start the engine and run at idle for approximately five minutes.
- ▼ Stop the engine, then wait for at least three minutes for the oil to settle.
- ▼ Remove the dipstick.
- ▼ The oil level is indicated by lines on the dipstick. When full, the indicated oil level must be level with the upper marking on the dipstick.
- ▼ If the oil level is below the lower marking, remove the filler plug and add oil a little at a time through the filler plug hole in the clutch cover until the correct level is reached.
- ▼ Once the correct level is reached, fit and tighten the filler plug.

## Engine Oil and Filter Change

### Warning

Prolonged or repeated contact with engine oil can lead to skin dryness, irritation and dermatitis.

Used engine oil contains harmful contamination that can lead to skin cancer.

Always wear suitable protective clothing and avoid skin contact with used engine oil.

### Warning

The engine oil may be hot.

Avoid contact with the hot engine oil by wearing suitable protective clothing, gloves and eye protection.

Contact with hot engine oil may cause the skin to be scalded or burned.

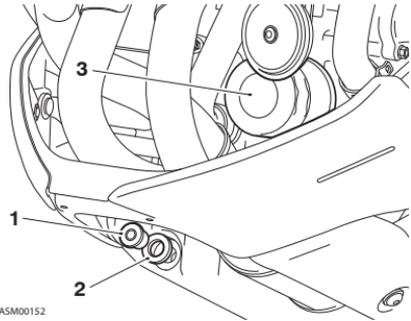
### Warning

If the engine has recently been running, the exhaust components may be hot to the touch.

Contact with the hot components may cause damage to exposed skin.

To avoid skin damage, always allow the hot parts to cool before touching the exhaust system.

The engine oil and engine oil filter must be replaced in accordance with scheduled maintenance requirements.



IASM00152

1. Oil drain plug
2. Sealing washer
3. Oil filter

To change the engine oil and engine oil filter:

- ▼ Warm up the engine thoroughly, and then stop the engine and secure the motorcycle in an upright position on level ground.
- ▼ Place an oil drain pan beneath the engine.
- ▼ Remove the oil drain plug.
- ▼ Discard the sealing washer.
- ▼ Unscrew and remove the oil filter using Triumph service tool T3880313. Dispose of the old oil filter in an environmentally friendly way.
- ▼ Apply a thin smear of clean engine oil to the sealing ring of the new oil filter.
- ▼ Fit the oil filter and tighten to 10 Nm.
- ▼ After the oil has completely drained out, fit a new sealing washer to the drain plug.
- ▼ Fit and tighten the drain plug to 25 Nm.

## MAINTENANCE

- ▼ Fill the engine with a fully or semi synthetic 10W/40 or 10W/50 motorcycle engine oil which meets specification API SH (or higher) and JASO MA. Triumph Performance fully synthetic engine oil is recommended.
- ▼ Start the engine and allow it to idle for a minimum of 30 seconds.

### ⚠ Caution

Raising the engine speed above idle before the oil reaches all parts of the engine can cause engine damage or seizure.

Only raise engine speed after running the engine for 60 seconds to allow the engine oil to circulate fully.

### ⚠ Caution

If the engine oil pressure is too low, the low oil pressure warning light will illuminate. If this light stays on when the engine is running, stop the engine immediately and investigate the cause.

Running the engine with low oil pressure will cause engine damage.

- ▼ Make sure that the low oil pressure warning light remains off and the oil pressure message is not shown in the instrument display screen.
- ▼ Stop the engine and recheck the oil level. Adjust if necessary.

### Disposal of Used Engine Oil and Oil Filters

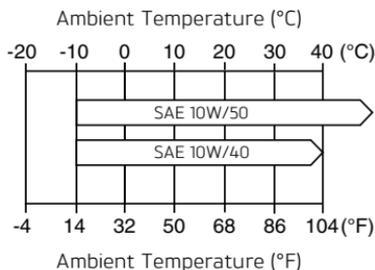
To protect the environment, do not pour oil on the ground, down sewers or drains, or into watercourses.

Do not place used oil filters in with general waste. If in doubt, contact your local authority.

### Engine Oil Specification and Grade (10W/40 and 10W/50)

Triumph's high performance fuel injected engines are designed to use 10W/40 or 10W/50 fully or semi synthetic motorcycle engine oil that meets specification API SH (or higher) and JASO MA. Triumph Performance fully synthetic engine oil is recommended.

Refer to the chart below for the correct oil viscosity (10W/40 or 10W/50) to be used in your riding area.



### Oil Viscosity Temperature Range

Do not add any chemical additives to the engine oil. The engine oil also lubricates the clutch and any additives could cause the clutch to slip.

Do not use mineral, vegetable, non-detergent oil, castor based oils or any oil not conforming to the required specification. The use of these oils may cause instant, severe engine damage.

Make sure that no foreign matter enters the crankcase during an engine oil change or top up.

## Cooling System



To ensure efficient engine cooling, check the coolant level each day before riding the motorcycle, and top up the coolant if the level is low.

### Note

The motorcycle is fitted with D2053 coolant, a year round, Organic Additive Technology (known as OAT) coolant when it leaves the factory. It is coloured orange, and contains a 50% solution of monoethylene glycol based antifreeze.

D2053 coolant, as supplied by Triumph, provides freeze protection to  $-40^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$ ).

**Corrosion Inhibitors** **Warning**

D2053 OAT coolant contains corrosion inhibitors and antifreeze suitable for aluminium engines and radiators. Always use the coolant in accordance with the instructions of the manufacturer.

Coolant contains toxic chemicals that are harmful to the human body.

Contact with skin or eyes may cause severe irritation. Wear protective gloves, clothing and eye protection when handling coolant.

If coolant is inhaled, remove the person to fresh air and keep comfortable for breathing. In case of doubt or persistent symptoms, seek medical attention.

If coolant gets on your skin, flush with water immediately. Remove contaminated clothing.

If coolant gets in your eyes, flush with water for at least 15 minutes and **SEEK MEDICAL ATTENTION IMMEDIATELY.**

If coolant is swallowed, rinse the mouth with water and **SEEK MEDICAL ATTENTION IMMEDIATELY.**

**KEEP COOLANT OUT OF THE REACH OF CHILDREN.**

**Note**

**D2053 OAT coolant, as supplied by Triumph, is premixed and does not need to be diluted prior to filling or topping up the cooling system.**

To protect the cooling system from corrosion, the use of corrosion inhibitor chemicals in the coolant is essential.

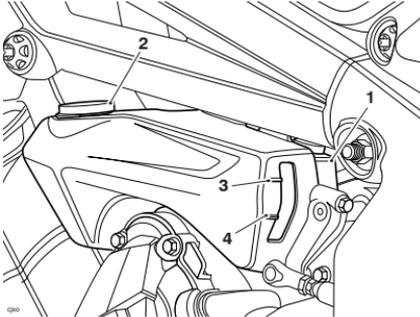
If coolant containing a corrosion inhibitor is not used, the cooling system will accumulate rust and scale in the water jacket and radiator. This will block the coolant passages, and considerably reduce the efficiency of the cooling system.

Coolants of different types must not be mixed. Mixing coolants of different types will reduce the performance of the coolant and reduce its life. When replacing coolant, it is recommended to thoroughly flush the cooling system with clean water.

## Coolant Level Inspection

### Note

The coolant level should be checked when the engine is cold (at room or ambient temperature).



1. Expansion tank
2. Filler cap
3. MAX mark
4. MIN mark

To inspect the coolant level:

- ▼ Position the motorcycle on level ground and in an upright position. The expansion tank can be viewed from the left hand side of the motorcycle, below and towards the front of the fuel tank.
- ▼ Check the coolant level in the expansion tank. The coolant level must be between the MAX and MIN marks.
- ▼ If the coolant is below the minimum level, the coolant level must be adjusted.

## Coolant Level Adjustment

### Warning

Do not remove the expansion tank or radiator pressure cap when the engine is hot.

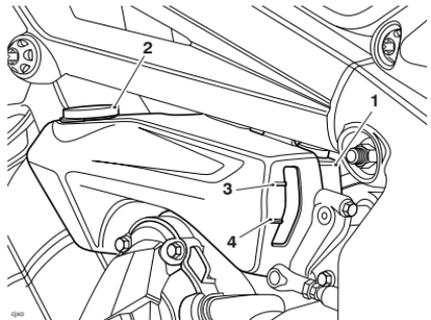
When the engine is hot, the coolant inside the radiator will be hot and also under pressure.

Contact with this hot, pressurised coolant will cause scalds and skin damage.

### Caution

If hard water is used in the cooling system, it will cause scale accumulation in the engine and radiator and considerably reduce the efficiency of the cooling system.

Reduced cooling system efficiency may cause the engine to overheat and suffer severe damage.



1. Expansion tank
2. Filler cap
3. MAX mark
4. MIN mark

# MAINTENANCE

To adjust the coolant level:

- ▼ Allow the engine to cool.
- ▼ The expansion tank cap can be removed from the left hand side of the motorcycle.
- ▼ Remove the cap from the expansion tank and add coolant mixture through the filler opening until the level reaches the MAX mark. Refit the cap.

## Note

**If the coolant level is being checked because the coolant has overheated, also check the level in the radiator and top up if necessary.**

**In an emergency, distilled water can be added to the cooling system. However, the coolant must then be drained and replenished with D2053 OAT coolant as soon as possible.**

## Coolant Change

It is recommended that the coolant is changed by an authorised Triumph dealer in accordance with scheduled maintenance requirements.

## Radiator and Hoses

### Warning

The fan operates automatically when the engine is running.

Always keep hands and clothing away from the fan.

Contact with the rotating fan may cause an accident and/or personal injury.

### Caution

Using high pressure water sprays, such as from a car wash facility or household pressure washer, can damage the radiator fins, cause leaks and impair the radiator's efficiency.

Do not obstruct or deflect airflow through the radiator by installing unauthorised accessories, either in front of the radiator or behind the cooling fan.

Interference with the radiator airflow can cause overheating, potentially resulting in engine damage.

Check the radiator hoses for cracks or deterioration, and tension clips for tightness in accordance with scheduled maintenance requirements. Have your authorised Triumph dealer replace any defective items.

Check the radiator grille and fins for obstructions by insects, leaves or mud. Clean off any obstructions with a stream of low pressure water.

## Throttle Control

### Warning

Always be alert for changes in the 'feel' of the throttle control and have the throttle system checked by an authorised Triumph dealer if any changes are detected.

Changes can be due to wear in the mechanism, which could lead to a sticking throttle control.

A sticking or stuck throttle control will lead to loss of motorcycle control and an accident.

## Throttle Inspection

### Warning

Use of the motorcycle with a sticking or damaged throttle control will interfere with the throttle function resulting in loss of motorcycle control and an accident.

To avoid continued use of a sticking or damaged throttle control, always have it checked by your authorised Triumph dealer.

To inspect the throttle:

- ▼ Check that the throttle opens smoothly, without undue force and that it closes without sticking. Have your authorised Triumph dealer check the throttle system if a problem is detected or any doubt exists.
- ▼ If there is an incorrect amount of free play, Triumph recommends that you have your authorised Triumph dealer investigate.
- ▼ Check that there is 1 - 2 mm of throttle grip free play when lightly turning the throttle grip back and forth.

## Clutch

The motorcycle is equipped with a cable-operated clutch.

If the clutch lever has excessive free play, the clutch may not disengage fully. This will cause difficulty in changing gear and selecting neutral. This may cause the engine to stall and make the motorcycle difficult to control.

Conversely, if the clutch lever has insufficient free play the clutch may not engage fully, causing the clutch to slip, which will reduce performance and cause premature clutch wear.

Clutch lever free play must be checked in accordance with scheduled maintenance requirements.

### Clutch Inspection

Check that there is 2 - 3 mm clutch lever free play at the lever.

If there is an incorrect amount of free play, adjustments must be made.

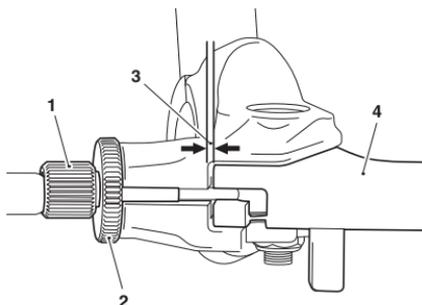
### Clutch Adjustment

To adjust the clutch:

#### Clutch Lever Adjustment

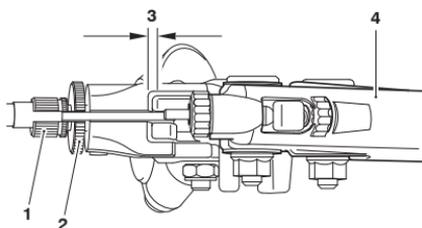
- ▼ Loosen the adjuster lock nut.
- ▼ Adjust the adjuster sleeve to give 2-3 mm of free play.
- ▼ Tighten the adjuster lock nut.

### Street Triple R



1. Adjuster sleeve
2. Adjuster lock nut
3. Correct clearance 2-3 mm
4. Clutch lever

### Street Triple RS and Street Triple Moto2™ Edition



1. Adjuster sleeve
2. Adjuster lock nut
3. Correct clearance 2-3 mm
4. Clutch lever

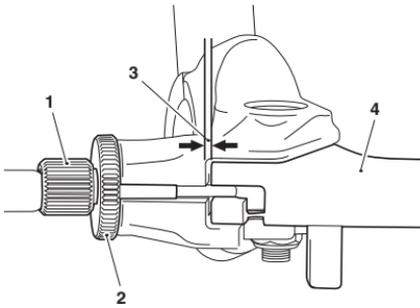
### All Models

#### Note

If correct adjustment cannot be made using the lever adjuster, use the cable adjuster at the clutch end of the cable.

## Clutch Cable Adjustment at the Clutch End

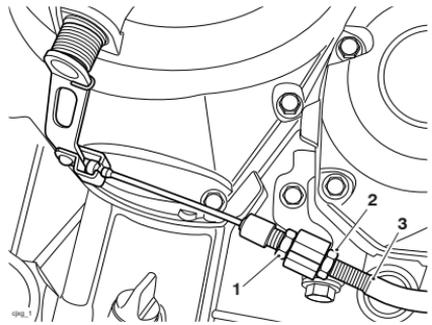
- ▼ Loosen the adjuster lock nut at the clutch lever.
- ▼ Adjust the adjuster sleeve fully into the clutch lever housing then turn back two complete turns.
- ▼ Tighten the adjuster lock nut at the clutch lever.



1. Adjuster sleeve
2. Adjuster lock nut
3. Correct clearance 2-3 mm
4. Clutch lever

- ▼ If the clutch cable is tight, loosen the front lock nut (2) and tighten the rear lock nut (1) to give 2-3 mm of free play at the clutch lever.
- ▼ If the clutch cable is loose, loosen the rear lock nut (1) and tighten the front lock nut (2) to give 2-3 mm of free play at the clutch lever.

- ▼ Tighten the lock nuts to 3 Nm



1. Rear adjuster lock nut
2. Front adjuster lock nut
3. Clutch outer cable

Check that there is 2-3 mm clutch lever free play at the lever. Adjust at the clutch lever end if required.

## Drive Chain



### **Warning**

A loose or worn chain, or a chain that breaks or jumps off the sprockets could catch on the engine sprocket or lock the rear wheel.

A chain that snags on the engine sprocket will injure the rider and lead to loss of motorcycle control and an accident.

Similarly, locking the rear wheel will lead to loss of motorcycle control and an accident.

For safety and to prevent excessive wear the drive chain must be checked, adjusted and lubricated in accordance with the scheduled maintenance requirements. Checking, adjustment and lubrication must be carried out more frequently for extreme conditions such as high speed riding, salty or heavily gritted roads.

If the chain is badly worn or incorrectly adjusted (either too loose or too tight) the chain could jump off the sprockets or break. Therefore, always replace worn or damaged chains using genuine Triumph parts supplied by an authorised Triumph dealer.

## Drive Chain Lubrication

Lubrication is necessary every 200 miles (300 km) and also after riding in wet weather, on wet roads, or any time that the chain appears dry.

To lubricate the drive chain:

- ▼ Use the special drive chain lubricant as recommended in the Specifications section.
- ▼ Apply lubricant to the sides of the rollers then allow the motorcycle to stand unused for at least eight hours (overnight is ideal). This will allow the lubricant to penetrate to the drive chain O-rings etc.
- ▼ Before riding, wipe off any excess lubricant.
- ▼ If the drive chain is especially dirty, clean first and then apply lubricant as mentioned above.

### **Caution**

Do not use a pressure washer to clean the drive chain as this may cause damage to the drive chain components.

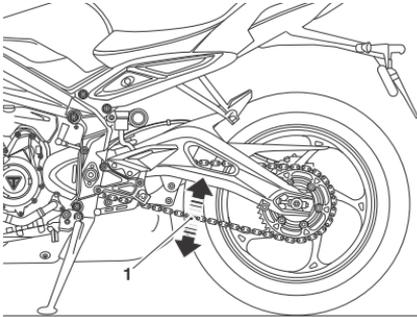
## Drive Chain Free Movement Inspection

### Warning

Make sure the motorcycle is stabilised and adequately 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.

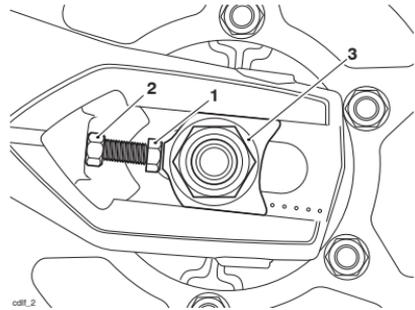


### 1. Maximum movement position

To inspect the drive chain free movement:

- ▼ Place the motorcycle on a level surface and hold it in an upright position with no weight on it.
- ▼ Rotate the rear wheel by pushing the motorcycle to find the position where the chain is tightest, and measure the vertical movement of the chain midway between the sprockets.
- ▼ The vertical movement of the drive chain must be in the range of 20-30 mm.

## Drive Chain Free Movement Adjustment



1. Adjuster bolt
2. Adjuster bolt lock nut
3. Rear wheel spindle nut

If the drive chain free movement is incorrect, adjustment must be made as follows:

- ▼ Loosen the wheel spindle nut.
- ▼ Loosen the lock nuts on both the left hand and right hand chain adjuster bolts.
- ▼ Moving both adjusters by an equal amount, turn the adjuster bolts clockwise to increase drive chain free movement and anticlockwise to reduce drive chain free movement.
- ▼ When the correct amount of drive chain free movement has been set, push the wheel into firm contact with the adjusters. Tighten both adjuster lock nuts to 19 Nm and the rear wheel spindle nut to 110 Nm.
- ▼ Repeat the drive chain adjustment check. Readjust if necessary.

## Warning

Operation of the motorcycle with insecure adjuster lock nuts or a loose wheel spindle may result in impaired stability and handling of the motorcycle.

This impaired stability and handling may lead to loss of control or an accident.

- ▼ Check the rear brake effectiveness. Rectify if necessary.

## Warning

It is dangerous to operate the motorcycle with defective brakes; you must have your authorised Triumph dealer take remedial action before you attempt to ride the motorcycle again.

Failure to take remedial action may reduce braking efficiency leading to loss of motorcycle control or an accident.

## Drive Chain and Sprocket Wear Inspection

### Warning

Never neglect drive chain maintenance and always have drive chains installed by an authorised Triumph dealer.

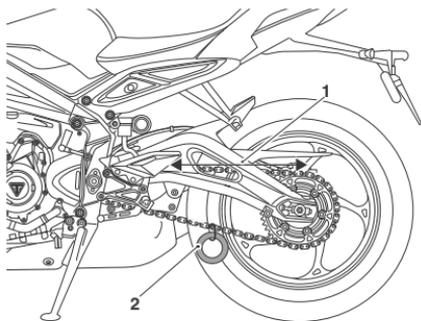
Use a genuine Triumph supplied drive chain as specified in the Triumph Parts Catalogue.

The use of non-approved drive chains may result in a broken drive chain or may cause the drive chain to jump off the sprockets leading to loss of motorcycle control or an accident.

### Caution

If the sprockets are found to be worn, always replace the sprockets and drive chain together.

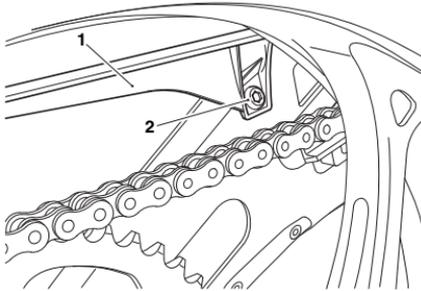
Replacing worn sprockets without also replacing the drive chain will lead to premature wear of the new sprockets.



1. Measure across 20 links
2. Weight

To inspect the drive chain and sprocket wear:

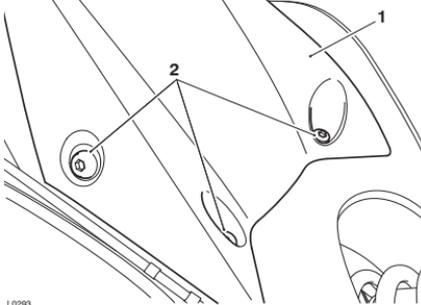
- ▼ Release the fixing securing the chain guard section of the moulding to the swinging arm.



L0294

1. Chain guard
2. Fixing

- ▼ Release the three fixings located at the front of the rear hugger and remove the rear hugger.



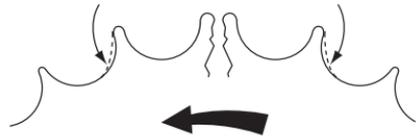
L0293

1. Rear hugger
2. Fixings

- ▼ Stretch the chain taut by hanging a 10 - 20 kg (20 - 40 lb) weight on the chain.

- ▼ Measure the length of 20 links on the straight part of the chain from pin centre of the 1st pin to the pin centre of the 21st pin. Since the chain may wear unevenly, take measurements in several places.
- ▼ If the length exceeds the maximum service limit of 319mm, the chain must be replaced.
- ▼ Rotate the rear wheel and inspect the drive chain for damaged rollers, and loose pins and links.
- ▼ Also inspect the sprockets for unevenly or excessively worn or damaged teeth.

Worn Tooth (Engine Sprocket)      Worn Tooth (Rear Sprocket)



(Sprocket wear exaggerated for illustrative purposes)

cool

- ▼ If there is any irregularity, have the drive chain and/or the sprockets replaced by an authorised Triumph dealer.
- ▼ Refit the rear hugger and chain guard moulding, tightening the fixings to 4 Nm.

## Brakes

### Breaking-in New Brake Pads and Discs

#### Warning

Brake pads must always be replaced as a wheel set. At the front, where two calipers are fitted on the same wheel, replace all the brake pads in both calipers.

Replacing individual pads will reduce braking efficiency and may cause an accident.

After replacement brake pads have been fitted, ride with extreme caution until the new pads have 'broken in'.

New brake discs and pads require a period of careful breaking-in that will optimise the performance and longevity of the discs and pads. The recommended distance for breaking-in new pads and discs is 200 miles (300 km).

During this period, avoid extreme braking, ride with caution and allow for greater braking distances.

### Brake Pad Wear Compensation

#### Warning

If the brake lever or pedal feels soft when it is applied, or if the lever/pedal travel becomes excessive, there may be air in the brake pipes and hoses or the brakes may be defective.

It is dangerous to operate the motorcycle under such conditions and your authorised Triumph dealer must rectify the fault before riding.

Riding with defective brakes may lead to loss of motorcycle control and an accident.

Disc and brake pad wear is automatically compensated for and has no effect on the brake lever or pedal action. There are no parts that require adjustment on the front and rear brakes.

## Front Brake Wear Inspection

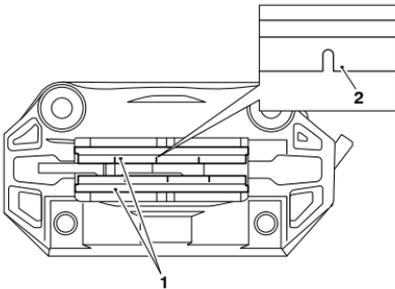
### Warning

If fitting new proprietary brand brake pads, check that the brake backing plate of the brake pad is the specified thickness shown in the table.

Fitting brake pads with the brake backing plate less than the specified thickness may result in brake failure due to the possible loss of the brake pad as it wears.

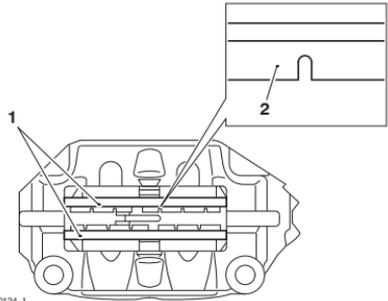
Brake pads must be inspected in accordance with scheduled requirements and replaced if worn to, or beyond the minimum service thickness.

### Street Triple R



- 1. Carrier plate
- 2. Brake pad

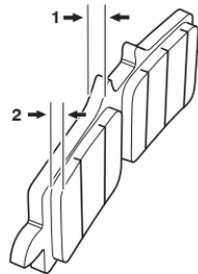
### Street Triple RS and Street Triple Moto2™ Edition



B00124\_1

- 1. Carrier plate
- 2. Brake pad

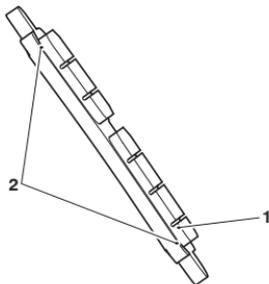
### All Models



chbe\_2

- 1. Carrier plate
- 2. Brake pad lining

As an additional indicator, an area of the brake backing plate is raised and will cause the front brake to squeal as a notification to the rider when the brake pad(s) are below the minimum thickness, replace all the brake pads on that wheel.



B00394

1. Minimum thickness line
2. Brake backing plate raised area

Brake pads for this model supplied by Triumph will have the carrier plate at the recommended thickness. Always have replacement brake pads supplied and fitted by your Triumph dealer.

If the lining thickness of any brake pad is less than that specified in the table, replace all the brake pads on the wheel.

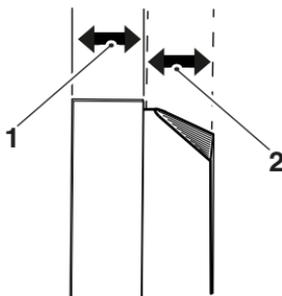
	Street Triple R	All Other Models
Carrier Plate Minimum Thickness	4.0 mm	4.8 mm
Minimum Brake Pad Lining Thickness	1.5 mm	1.5 mm
Minimum Service Thickness (Brake Pad Lining and Carrier Plate)	5.5 mm	6.3 mm

## Rear Brake Wear Inspection

### Warning

If fitting new proprietary brand brake pads, check that the brake backing plate of the brake pad is the specified thickness shown in the table.

Fitting brake pads with the brake backing plate less than the specified thickness may result in brake failure due to the possible loss of the brake pad as it wears.



1. Carrier plate
2. Brake pad lining

Brake pads supplied by Triumph will have the carrier thickness. Always have replacement brake pads supplied and fitted by your Triumph dealer.

If the lining thickness of any brake pad is less than that specified in the table, replace all the brake pads on the wheel.

All Models	
<b>Carrier Plate Minimum Thickness</b>	4.0 mm
<b>Minimum Brake Pad Lining Thickness</b>	1.5 mm
<b>Minimum Service Thickness (Brake Pad Lining and Carrier Plate)</b>	5.5 mm

## Disc Brake Fluid

### **Warning**

Brake fluid is hygroscopic which means it will absorb moisture from the air.

Any absorbed moisture will greatly reduce the boiling point of the brake fluid causing a reduction in braking efficiency.

Because of this, always replace brake fluid in accordance with scheduled maintenance requirements.

Always use new brake fluid from a sealed container and never use fluid from an unsealed container or from one which has been previously opened.

Do not mix different brands or grades of brake fluid.

Check for fluid leakage around brake fittings, seals and joints and also check the brake hoses for splits, deterioration and damage.

Always rectify any faults before riding.

Failure to observe and act upon any of these items may cause a dangerous riding condition leading to loss of control and an accident.

## Warning

If the Anti-lock Brake System (ABS) is not functioning, the brake system will continue to function as a non-ABS equipped brake system.

In this situation, braking too hard will cause the wheels to lock resulting in loss of control and an accident.

Reduce speed and do not continue to ride for longer than is necessary with the ABS warning light illuminated. Contact an authorised Triumph dealer as soon as possible to have the fault checked and rectified.

Inspect the level of brake fluid in both reservoirs and change the brake fluid in accordance with scheduled maintenance requirements. Use Triumph Performance DOT 4 brake fluid as recommended in the Specification section. The brake fluid must also be changed if it becomes, or is suspected of having become contaminated with moisture or any other contaminants.

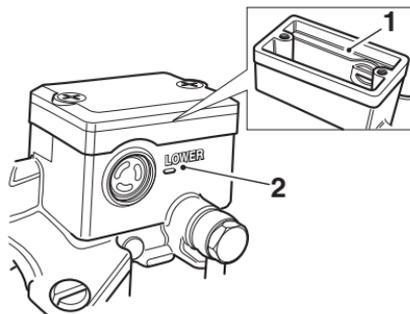
## Front Brake Fluid Level Inspection and Adjustment

### Street Triple R

## Warning

If there has been an appreciable drop in the level of the fluid in either fluid reservoir, consult your authorised Triumph dealer for advice before riding.

Riding with depleted brake fluid levels, or with a brake fluid leak is dangerous and will cause reduced brake performance potentially leading to loss of motorcycle control and an accident.



1. Front brake fluid reservoir, upper level line
2. Lower level line

To inspect the front brake fluid level:

- ▼ Check the level of brake fluid visible in the window at the front of the reservoir unit.
- ▼ The brake fluid level must be kept between the upper and lower level lines (reservoir held horizontal).

To adjust the brake fluid level:

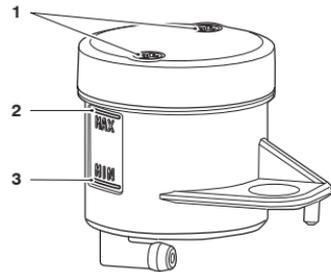
- ▼ Release the reservoir cap retaining screws and remove the reservoir cap and the diaphragm seal.
- ▼ Fill the reservoir to the upper level line using new Triumph Performance DOT 4 brake fluid from a sealed container.
- ▼ Refit the reservoir cap making sure that the diaphragm seal is correctly positioned between the reservoir cap and the reservoir body.
- ▼ Tighten the reservoir cap retaining screws to 1.5 Nm.

## Street Triple RS and Street Triple Moto2™ Edition

### Warning

If there has been an appreciable drop in the level of the fluid in either fluid reservoir, consult your authorised Triumph dealer for advice before riding.

Riding with depleted brake fluid levels, or with a brake fluid leak is dangerous and will cause reduced brake performance potentially leading to loss of motorcycle control and an accident.



1. Reservoir cap retaining screws
2. MAX level line
3. MIN level line

# MAINTENANCE

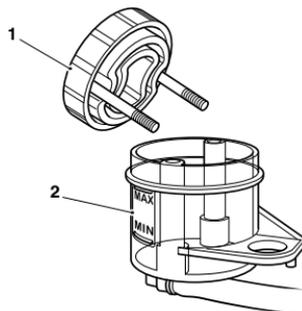
To inspect the front brake fluid level:

- ▼ Check the level of brake fluid visible in the MIN and MAX section of the reservoir.
- ▼ The brake fluid level in the reservoir must be kept between the MAX and MIN level lines (reservoir held horizontal).

To adjust the brake fluid level:

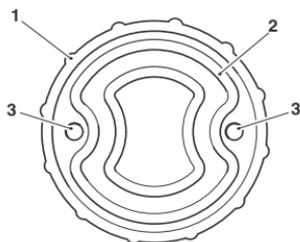
- ▼ Release the reservoir cap retaining screws and remove the reservoir cap and the diaphragm seal.
- ▼ Fill the reservoir to the MAX level line using new Triumph Performance DOT 4 brake fluid from a sealed container.
- ▼ Fit the diaphragm seal into the reservoir cap and make sure that the holes for the fixings in the reservoir cap and the diaphragm seal are correctly aligned.

- ▼ Install the reservoir cap retaining screws into the reservoir cap and diaphragm seal assembly.
- ▼ Hold the assembly together and position the reservoir cap, diaphragm seal and reservoir cap retaining screws onto the reservoir.



(382)

1. Reservoir cap, diaphragm seal and reservoir cap retaining screws assembly
2. Reservoir



(383)

1. Reservoir cap
2. Diaphragm seal
3. Reservoir cap retaining screw holes

## Warning

If the reservoir cap retaining screws are over tightened this can result in a brake fluid leak.

A dangerous riding condition leading to loss of motorcycle control and an accident could result if this warning is ignored.



### 1. Reservoir cap retaining screws

- ▼ Tighten the reservoir cap retaining screws to 0.7 Nm.

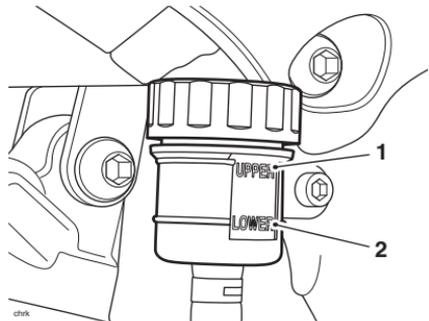
## Rear Brake Fluid Level Inspection and Adjustment

### Warning

If there has been an appreciable drop in the level of the fluid in either fluid reservoir, consult your authorised Triumph dealer for advice before riding.

Riding with depleted brake fluid levels, or with a brake fluid leak is dangerous and will cause reduced brake performance potentially leading to loss of motorcycle control and an accident.

The reservoir is visible from the right hand side of the motorcycle, forward of the silencer, below the rider's seat.



1. Upper level line
2. Lower level line

To inspect the rear brake fluid level:

- ▼ Check the level of brake fluid visible in the reservoir.
- ▼ The brake fluid level must be kept between the upper and lower level lines (reservoir held horizontal).

To adjust the rear brake fluid level:

- ▼ Release the reservoir cap and remove the diaphragm seal.
- ▼ Fill the reservoir to the upper level line using new Triumph Performance DOT 4 brake fluid from a sealed container.
- ▼ Refit the reservoir cap making sure that the diaphragm seal is correctly fitted.

## Brake Light Switches

### **Warning**

Riding the motorcycle with defective brake lights is illegal and dangerous.

An accident causing injury to the rider and other road users may result from use of a motorcycle with defective brake lights.

The brake light is activated independently by either the front or rear brake. If, with the ignition in the ON position, the brake light does not work when the front brake lever is pulled or the rear brake pedal is pressed, have your authorised Triumph dealer investigate and rectify the fault.

## Mirrors

### **Warning**

Operation of the motorcycle with incorrectly adjusted mirrors is dangerous.

Operation of the motorcycle with incorrectly adjusted mirrors will result in loss of vision to the rear of the motorcycle. It is dangerous to ride a motorcycle without sufficient rearward vision.

Always adjust the mirrors to provide sufficient rearward vision before riding the motorcycle.

### **Warning**

Never attempt to clean or adjust mirrors while riding the motorcycle. Removal of the rider's hands from the handlebars while riding the motorcycle will diminish the ability of the rider to maintain control of the motorcycle.

Attempting to clean or adjust mirrors while riding the motorcycle may result in loss of control of the motorcycle and an accident.

Only attempt to clean or adjust the mirrors while stationary.

## Models with Bar End Mirrors

### **Warning**

Incorrect adjustment of the bar end mirrors may cause the mirror arm to contact the fuel tank, brake or clutch levers or other parts of the motorcycle.

This will restrict brake or clutch lever operation or restrict steering movement, resulting in loss of motorcycle control and an accident.

Adjust the mirrors as required to make sure they do not contact any part of the motorcycle. After adjustment, move the handlebar to the left and right full lock while checking that the mirrors do not contact the fuel tank, brake or clutch levers or other parts of the motorcycle.

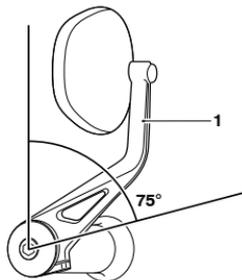
### **Caution**

Incorrect adjustment of the bar end mirrors may cause the mirror arm to contact the fuel tank, brake or clutch levers or other parts of the motorcycle.

This will result in damage to the fuel tank, brake or clutch levers or other parts of the motorcycle.

Adjust the mirrors as required to make sure they do not contact any part of the motorcycle. After adjustment, move the handlebar to the left and right full lock while checking that the mirrors do not contact the fuel tank, brake or clutch levers or other parts of the motorcycle.

The bar end mirrors will be set by your authorised Triumph dealer and will not normally require any adjustment. Should adjustment be necessary, do not rotate the mirror beyond 75°, measured from the vertical section of the mirror arm.



1. Mirror arm vertical section

## Steering

### **Caution**

To prevent risk of injury from the motorcycle falling during the inspection, make sure that the motorcycle is stabilised and secured on a suitable support.

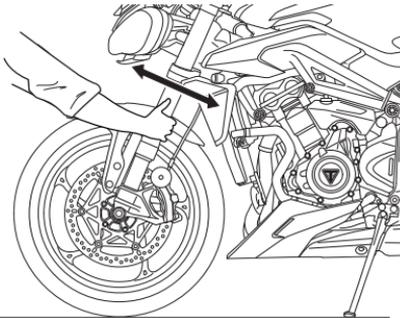
Do not exert extreme force against each wheel or rock each wheel vigorously as this may cause the motorcycle to become unstable and cause injury by falling from its support.

Make sure that the position of the support block will not cause damage to the motorcycle.

## Steering Inspection

### ! Warning

Riding the motorcycle with incorrectly adjusted or defective steering (headstock) bearings is dangerous and may cause loss of motorcycle control and an accident.



### Inspecting the Steering for Free Play

To inspect the steering:

- ▼ Position the motorcycle on level ground, in an upright position.
- ▼ Raise the front wheel above the ground and support the motorcycle.
- ▼ Standing at the front of the motorcycle, hold the lower end of the front forks outer tube and try to move them forward and backward.
- ▼ If any free play can be detected in the steering (headstock) bearings, ask your authorised Triumph dealer to inspect and rectify any faults before riding.
- ▼ Remove the support and place the motorcycle on the side stand.

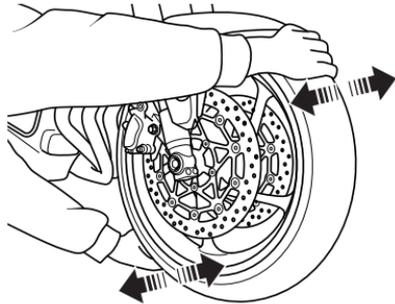
## Wheel Bearings Inspection

### ! Warning

Riding with worn or damaged front or rear wheel bearings is dangerous and may cause impaired handling and instability leading to an accident.

If in doubt, have the motorcycle inspected by an authorised Triumph dealer before riding.

The wheel bearings must be inspected at the intervals specified in the scheduled maintenance chart.



### Inspecting the Wheel Bearings

To inspect the wheel bearings:

- ▼ Position the motorcycle on level ground, in an upright position.
- ▼ Raise the front wheel off the ground and support the motorcycle.
- ▼ Standing at the side of the motorcycle, gently rock the top of the front wheel from side to side.

# MAINTENANCE

- ▼ If any free play can be detected, ask your authorised Triumph dealer to inspect and rectify any faults before riding.
- ▼ Reposition the lifting device and repeat the procedure for the rear wheel.
- ▼ Remove the support and place the motorcycle on the side stand.

## Note

**If the wheel bearings in the front or rear wheel allow play in the wheel hub, are noisy, or if the wheel does not turn smoothly, have your authorised Triumph dealer inspect the wheel bearings.**

## Front Fork Inspection

### Warning

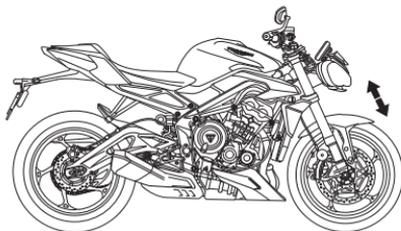
Riding the motorcycle with defective or damaged suspension is dangerous and may lead to loss of control and an accident.

### Warning

Never attempt to dismantle any part of the suspension units

All suspension units contain pressurised oil.

Skin and eye damage can result from contact with the pressurised oil.



Street Triple RS shown

To inspect the forks:

- ▼ Position the motorcycle on level ground.
- ▼ While holding the handlebars and applying the front brake, pump the forks up and down several times.
- ▼ If roughness or excessive stiffness is detected, consult your authorised Triumph dealer.
- ▼ Examine each fork for any sign of damage, scratching of the slider surface, or for oil leaks.
- ▼ If any damage or leakage is found, consult an authorised Triumph dealer.

## Front Suspension

### Warning

Make sure that the correct balance between front and rear suspension is maintained.

Suspension imbalance could significantly change handling characteristics leading to loss of motorcycle control and an accident.

Refer to the tables for further information or consult your authorised Triumph dealer.

### Warning

Make sure that the adjusters are set to the same setting on both front suspension units.

Settings that vary from left to right may affect handling and stability resulting in loss of motorcycle control and an accident.

**Front Suspension Settings**

The motorcycle is delivered from the factory with all the suspension settings set at the Road (Solo Riding) setting, as shown in the relevant suspension settings tables. The Road suspension settings provide a comfortable ride and good handling characteristics for general, solo riding.

The details shown in the tables are only a guide. Setting requirements may vary for rider and passenger weight and personal preferences.

## Street Triple R

Front Suspension Settings			
Loading	Spring Preload <sup>1</sup>	Rebound Damping <sup>2</sup>	Compression Damping <sup>2</sup>
Solo Riding - Track	5	1	1.5
Solo Riding - Sport	5	1	2
Solo Riding - Road	5	2.5	5
Solo Riding - Comfort	5	5.5	7
Rider and Passenger	5	2.5	5
<sup>1</sup> Number of adjuster turns clockwise from the fully anticlockwise position.			
<sup>2</sup> Number of adjuster turns anticlockwise from the fully clockwise position.			

## Street Triple RS

Front Suspension Settings			
Loading	Spring Preload <sup>1</sup>	Rebound Damping <sup>2</sup>	Compression Damping <sup>2</sup>
Solo Riding - Track	3.5	2	1
Solo Riding - Sport	3.5	2	2
Solo Riding - Road	3.5	4	5
Solo Riding - Comfort	3.5	5.5	7
Rider and Passenger	3.5	4	5
<sup>1</sup> Number of adjuster turns clockwise from the fully anticlockwise position.			
<sup>2</sup> Number of adjuster turns anticlockwise from the fully clockwise position.			

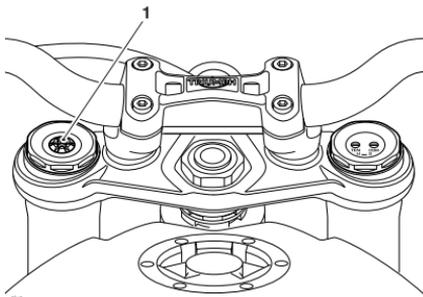
## Street Triple Moto2™ Edition

Front Suspension Settings			
Loading	Spring Preload <sup>1</sup>	Rebound Damping <sup>2</sup>	Compression Damping <sup>2</sup>
Solo Riding - Track	0	6	6
Solo Riding - Sport	0	10	10
Solo Riding - Road	0	15	15
Solo Riding - Comfort	0	20	20
Rider and Passenger	0	15	15
<sup>1</sup> Number of adjuster turns clockwise from the fully anticlockwise position.			
<sup>2</sup> Number of clicks anticlockwise from the fully clockwise position, noting that the first stop (click) is counted as one.			

## Front Suspension Spring Preload Adjustment

### Street Triple R

The spring preload adjuster is located at the top of each fork.



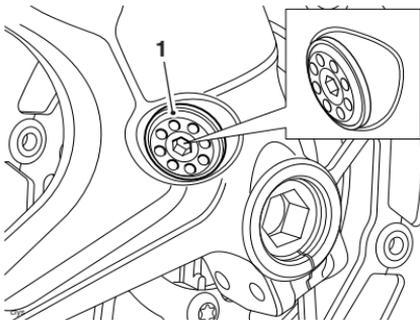
#### 1. Adjuster screw

To change the spring preload:

- ▼ Rotate the adjuster screw clockwise to increase, or anticlockwise to decrease.
- ▼ Always count the number of clockwise turns from the fully anticlockwise position.

### Street Triple RS

The spring preload adjuster is located at the bottom of both front forks.



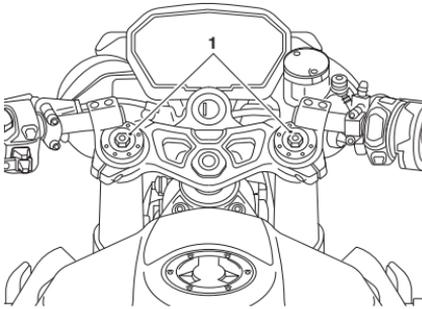
#### 1. Front suspension spring preload adjuster (right hand shown)

To change the spring preload:

- ▼ Rotate the adjuster clockwise to increase, or anticlockwise to decrease using the Allen key attached to the passenger seat.
- ▼ Always count the number of clockwise turns from the fully anticlockwise position.

## Street Triple Moto2™ Edition

The spring preload adjuster is located at the top of each fork.



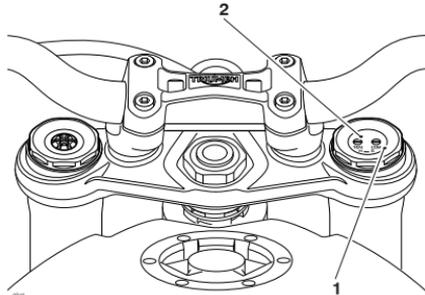
### 1. Spring preload adjusters

To change the spring preload:

- ▼ Rotate the spring preload adjuster clockwise to increase preload, or anticlockwise to decrease preload.
- ▼ Always count the number of clockwise turns from the fully anticlockwise position and set both forks to the same settings.

## Front Suspension Rebound and Compression Damping Adjustment

### Street Triple R



### 1. Compression damping adjuster (COM)

### 2. Rebound damping adjuster (TEN)

To change the rebound damping setting:

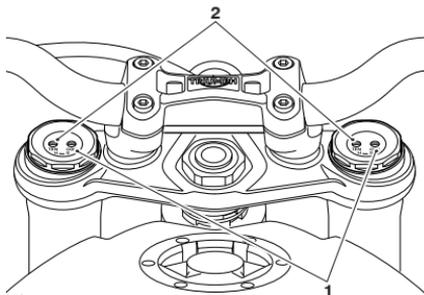
- ▼ Rotate the TEN slotted adjuster clockwise to increase, or anticlockwise to decrease.
- ▼ Always count the number of turns from the fully clockwise position.

To change the compression damping setting:

- ▼ Rotate the COM slotted adjuster clockwise to increase, or anticlockwise to decrease.
- ▼ Always count the number of turns from the fully clockwise position.

## Street Triple RS

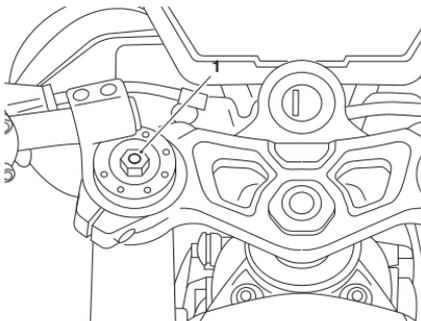
The rebound and compression damping adjusters are located at the top of each fork.



1. Compression damping adjusters
2. Rebound damping adjusters

## Street Triple Moto2™ Edition

The compression damping adjuster is located at the top of the left hand fork.

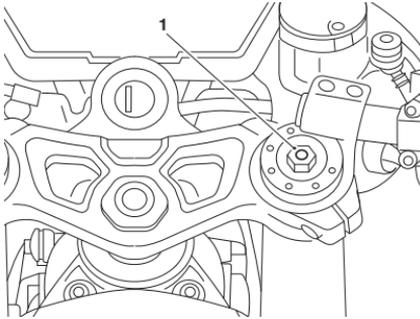


### 1. Compression damping adjuster

To change the compression damping force:

- ▼ Using a 3 mm Allen key, rotate the adjuster clockwise to increase, or anticlockwise to decrease.
- ▼ Always count the number of clicks from the fully clockwise position noting that the first stop (click position) is counted as 1.

The rebound damping adjuster is located at the top of the right hand fork.



**1. Rebound damping adjuster**

To change the rebound damping force:

- ▼ Using a 3 mm Allen key, rotate the adjuster clockwise to increase, or anticlockwise to decrease.
- ▼ Always count the number of clicks from the fully clockwise position noting that the first stop (click position) is counted as 1.

**Rear Suspension** **Warning**

Make sure that the correct balance between front and rear suspension is maintained.

Suspension imbalance could significantly change handling characteristics leading to loss of motorcycle control and an accident.

Refer to the tables for further information or consult your authorised Triumph dealer.

**Rear Suspension Settings**

The motorcycle is delivered from the factory with all the suspension settings set at the Road (Solo Riding) setting as shown in the relevant suspension tables. The Road suspension settings provide a comfortable ride and good handling characteristics for general, solo riding.

The details shown in the tables are only a guide. Setting requirements may vary for rider and passenger weight and personal preferences.

 **Warning**

The rear suspension unit spring preload is not rider adjustable.

Any attempt to adjust the spring preload could result in a dangerous riding condition leading to loss of motorcycle control, and an accident.

## Street Triple R

Rear Suspension Settings - Street Triple R		
Loading	Rebound Damping <sup>1</sup>	Compression Damping <sup>1</sup>
Solo Riding - Track	1.25	1.5
Solo Riding - Sport	1.5	2
Solo Riding - Road	2.5	2
Solo Riding - Comfort	3	2.75
Rider and Passenger	1.5	1.5

<sup>1</sup> Number of adjuster turns anticlockwise from the fully clockwise position.

## Street Triple RS and Street Triple Moto2™ Edition

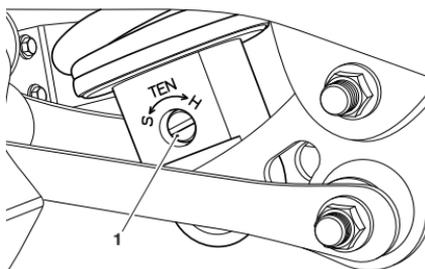
Rear Suspension Settings - Street Triple RS and Street Triple Moto2™ Edition		
Loading	Rebound Damping <sup>1</sup>	Compression Damping <sup>1</sup>
Solo Riding - Track	8	7
Solo Riding - Sport	10	10
Solo Riding - Road	14	20
Solo Riding - Comfort	20	20
Rider and Passenger	9	9

<sup>1</sup> Number of clicks anticlockwise from the fully clockwise position noting that the first stop (click) is counted as one.

## Rear Suspension Rebound Damping Adjustment

### Street Triple R

The rebound damping adjuster is located at the bottom of the rear suspension unit on the left hand side of the motorcycle.



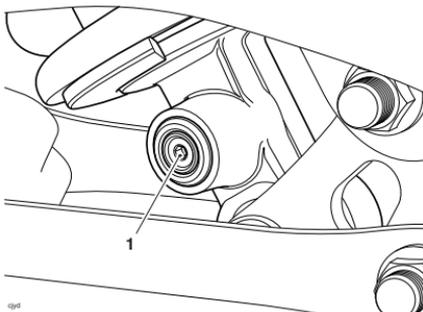
#### 1. Slotted adjuster

To change the rebound damping setting:

- ▼ Rotate the slotted adjuster clockwise to increase rebound damping and anticlockwise to decrease.

### Street Triple RS and Street Triple Moto2™ Edition

The rebound damping adjuster is located at the bottom of the rear suspension unit on the left hand side of the motorcycle.



#### 1. Adjuster screw

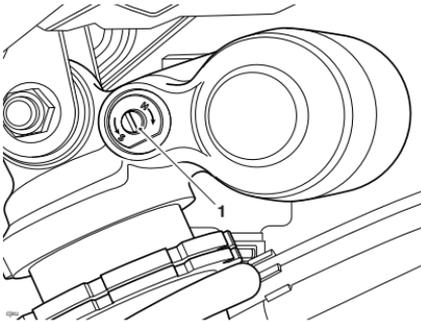
To change the rebound damping setting:

- ▼ Rotate the adjuster screw clockwise to increase rebound damping and anticlockwise to decrease.

## Rear Suspension Compression Damping Adjustment

### Street Triple R

The compression damping adjuster is situated adjacent to the rear suspension unit reservoir.



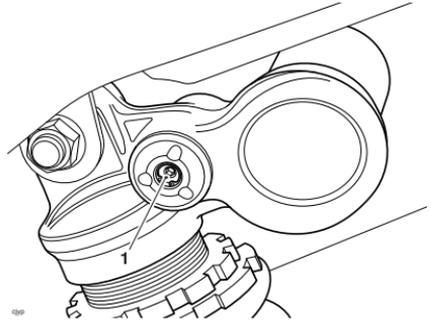
#### 1. Slotted adjuster

To adjust the compression damping setting:

- ▼ Rotate the slotted adjuster clockwise to increase, or anticlockwise to decrease.

### Street Triple RS and Street Triple Moto2™ Edition

The compression damping adjuster is situated adjacent to the rear suspension unit reservoir.



#### 1. Adjuster screw

To adjust the compression damping setting:

- ▼ Rotate the adjuster screw clockwise to increase, or anticlockwise to decrease.

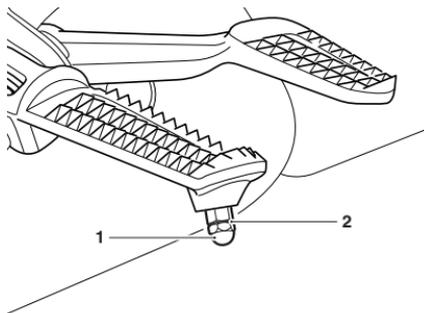
**Bank Angle Indicators****Warning**

Always replace the bank angle indicators before they are worn to their maximum limit.

Use of a motorcycle with bank angle indicators worn beyond the maximum limit will allow the motorcycle to be banked to an unsafe angle.

Banking to an unsafe angle may cause instability, loss of motorcycle control and an accident.

Bank angle indicators are located on the rider's footrests.



1. Bank angle indicator
2. Maximum wear limit groove

Bank angle indicators must be replaced when they have worn down to the maximum wear limit. The maximum wear limit is shown by a groove on the bank angle indicator.

Regularly check the bank angle indicators for wear.

## Tyres



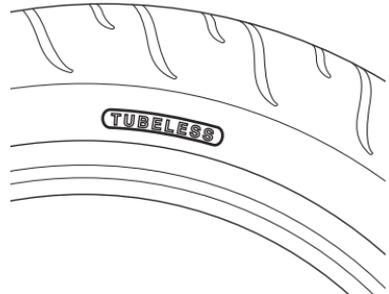
This model is fitted with tubeless tyres, valves and wheel rims. Use only tyres marked 'TUBELESS' and tubeless valves on rims marked 'SUITABLE FOR TUBELESS TYRES'.

### Warning

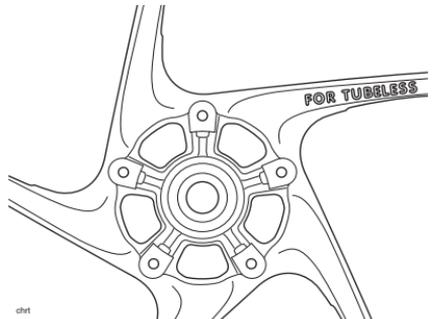
Do not install tube type tyres on tubeless rims.

The bead will not seat and the tyres could slip on the rims, causing rapid tyre deflation that may result in a loss of motorcycle control and an accident.

Never install an inner tube inside a tubeless tyre without the appropriate marking. This will cause friction inside the tyre and the resulting heat build-up may cause the tube to burst resulting in rapid tyre deflation, loss of motorcycle control and an accident.



**Typical Tyre Marking - Tubeless Tyre**



**Typical Wheel Marking - Tubeless Tyre**

## Tyre Inflation Pressures

### **Warning**

Incorrect tyre inflation will cause abnormal tread wear and instability problems that may lead to loss of control and an accident.

Under inflation may result in the tyre slipping on, or coming off the rim. Overinflation will cause instability and accelerated tread wear.

Both conditions are dangerous as they may cause loss of control leading to an accident.

### **Warning**

Tyre pressures which have been reduced for off-road riding will impair on-road stability.

Always make sure that the tyre pressures are set as described in the Specification section for on-road use.

Operation of the motorcycle with incorrect tyre pressures may cause loss of motorcycle control and an accident.

Correct inflation pressure will provide maximum stability, rider comfort and tyre life. Always check tyre pressures before riding when the tyres are cold. Check tyre pressures daily and adjust if necessary. See the Specification section for details of the correct inflation pressures.

## Tyre Pressure Monitoring System (TPMS) (if fitted)

### **Caution**

An adhesive label is fitted to the wheel rim to indicate the position of the tyre pressure sensor.

Care must be taken when replacing the tyres to prevent any damage to the tyre pressure sensors.

Always have the tyres fitted by an authorised Triumph dealer. It is important to inform them that tyre pressure sensors are fitted to the wheels before they remove the tyres.

### **Caution**

Do not use anti puncture fluid or any other item likely to obstruct air flow to the TPMS sensor's orifices. Any blockage to the air pressure orifice of the TPMS sensor during operation will cause the sensor to become blocked, causing irreparable damage to the TPMS sensor assembly.

Damage caused by the use of anti puncture fluid or incorrect maintenance is not considered a manufacturing defect and will not be covered under warranty.

Always have the tyres fitted by an authorised Triumph dealer. It is important to inform them that tyre pressure sensors are fitted to the wheels before they remove the tyres.

The tyre pressures shown on your instruments indicate the actual tyre pressure at the time of selecting the display. This may differ from the inflation pressure set when the tyres are cold because tyres become warmer during riding, causing the air in the tyre to expand and increase the inflation pressure. The cold inflation pressures specified by Triumph take account of this.

Only adjust tyre pressures when the tyres are cold using an accurate pressure gauge. Do not use the tyre pressure display on the instruments.

## Tyre Wear

As the tyre tread wears down, the tyre becomes more susceptible to punctures and failure. It is estimated that 90% of all tyre problems occur during the last 10% of tread life (90% worn). It is recommended that tyres are changed before they are worn to their minimum tread depth.

## Minimum Recommended Tread Depth

### Warning

Riding with excessively worn tyres is hazardous and will adversely affect traction, stability and handling which may lead to loss of control and an accident.

When tubeless tyres, used without a tube, become punctured, leakage is often very slow. Always inspect tyres very closely for punctures. Check the tyres for cuts, embedded nails or other sharp objects. Riding with punctured or damaged tyres will adversely affect motorcycle stability and handling which may lead to loss of control or an accident.

Check the rims for dents or deformation. Riding with damaged or defective wheels or tyres is dangerous and may lead to loss of control and an accident.

Always consult your authorised Triumph dealer for tyre replacement, or for a safety inspection of the tyres.

In accordance with the periodic maintenance chart, measure the depth of the tread with a depth gauge, and replace any tyre that has worn to, or beyond the minimum allowable tread depth specified in the table below:

Under 80 mph (130 km/h)	2 mm (0.08 in)
Over 80 mph (130 km/h)	Front 2 mm (0.08 in) Rear 3 mm (0.12 in)

## Tyre Replacement

All Triumph motorcycles are carefully and extensively tested in a range of riding conditions to make sure that the most effective tyre combinations are approved for use on each model.

It is essential that approved tyres and inner tubes (if installed) fitted in approved combinations, are used when purchasing replacement items.

The use of non-approved tyres and inner tubes, or approved tyres and inner tubes in non-approved combinations, may lead to motorcycle instability, loss of control and an accident.

A list of approved tyres and inner tubes specific to your motorcycle are available from your authorised Triumph dealer, or on the Internet at [www.triumph.co.uk](http://www.triumph.co.uk). Always have tyres and inner tubes fitted and balanced by your authorised Triumph dealer who has the necessary training and skills to ensure safe, effective fitment.

When replacement tyres or inner tubes are required, consult your authorised Triumph dealer who will arrange for the tyres and inner tubes to be selected, in a correct combination, from the approved list and fitted according to the tyre and inner tube manufacturer's instructions.

Initially, the new tyres and inner tubes will not produce the same handling characteristics as the worn tyres and inner tubes and the rider must allow adequate riding distance (approximately 100 miles (160 km)) to become accustomed to the new handling characteristics.

24 hours after fitting, the tyre pressures must be checked and adjusted, and the tyres and inner tubes examined for correct seating. Rectification must be carried out as necessary. The same checks and adjustments must also be carried out when 100 miles (160 km) have been travelled after fitting.

### **Warning**

Inner tubes must only be used on motorcycles fitted with spoked wheels and with tyres marked 'TUBE TYPE'.

Some brands of approved tyres marked 'TUBELESS' may be suitable for use with an inner tube. Where this is the case, the tyre wall will be marked with text permitting the fitment of an inner tube.

Use of an inner tube with a tyre marked 'TUBELESS', and NOT marked as suitable for use with an inner tube, or use of an inner tube on an alloy wheel marked 'SUITABLE FOR TUBELESS TYRES' will cause deflation of the tyre resulting in loss of motorcycle control and an accident.

## **Warning**

Do not install tube type tyres on tubeless rims.

The bead will not seat and the tyres could slip on the rims, causing rapid tyre deflation that may result in a loss of motorcycle control and an accident.

Never install an inner tube inside a tubeless tyre without the appropriate marking. This will cause friction inside the tyre and the resulting heat build-up may cause the tube to burst resulting in rapid tyre deflation, loss of motorcycle control and an accident.

## **Warning**

If a tyre or inner tube sustains a puncture, the tyre and inner tube must be replaced.

Failure to replace a punctured tyre and inner tube, or operation with a repaired tyre or inner tube can lead to instability, loss of motorcycle control or an accident.

## **Warning**

If tyre damage is suspected, such as after striking the kerb, ask your authorised Triumph dealer to inspect the tyre both internally and externally.

Tyre damage may not always be visible from the outside.

Operation of the motorcycle with damaged tyres could lead to loss of control and an accident.

## **Warning**

Use of a motorcycle with incorrectly seated tyres or inner tubes, incorrectly adjusted tyre pressures, or when not accustomed to its handling characteristics may lead to loss of motorcycle control and an accident.

## **Warning**

ABS operates by comparing the relative speed of the front and rear wheels.

Use of non-recommended tyres can affect wheel speed and cause the ABS function not to operate, potentially leading to loss of motorcycle control and an accident in conditions where the ABS would normally function.

## **Warning**

Accurate wheel balance is necessary for safe, stable handling of the motorcycle. Do not remove or change any wheel balance weights. Incorrect wheel balance may cause instability leading to loss of control and an accident.

When wheel balancing is required, such as after tyre or inner tube replacement, see your authorised Triumph dealer.

Only use self-adhesive weights. Clip on weights may damage the wheel, tyre or inner tube resulting in tyre deflation, loss of motorcycle control and an accident.

## Warning

Tyres and inner tubes that have been used on a rolling road dynamometer may become damaged. In some cases, the damage may not be visible on the external surface of the tyre.

Tyres and inner tubes must be replaced after such use as continued use of a damaged tyre or inner tube may lead to instability, loss of motorcycle control and an accident.

## Battery

### Warning

The battery contains sulphuric acid (battery acid). Contact with skin or eyes may cause severe burns. Wear protective clothing and a face shield.

If battery acid gets on your skin, flush with water immediately.

If battery acid gets in your eyes, flush with water for at least 15 minutes and SEEK MEDICAL ATTENTION IMMEDIATELY.

If battery acid is swallowed, drink large quantities of water and SEEK MEDICAL ATTENTION IMMEDIATELY.

KEEP BATTERY ACID OUT OF THE REACH OF CHILDREN.

### Warning

Under certain circumstances, the battery may release explosive gases. Make sure to keep all sparks, flames and cigarettes away from the battery.

Do not attach jump leads to the battery, touch the battery cables together or reverse the polarity of the cables, as any of these actions may cause a spark which would ignite battery gases causing a risk of personal injury.

Make sure that there is adequate ventilation when charging or using the battery in an enclosed space.

### Warning

The battery contains harmful materials. Always keep children and pets away from the battery at all times.

## Battery - Removal

### **Warning**

Make sure the motorcycle is stabilised and adequately supported.

Do not support the motorcycle on any ancillary component, the exhaust system or any other non structural parts of the motorcycle frame.

A correctly supported motorcycle will help prevent it from falling.

An unstable motorcycle may fall, causing injury to the operator or damage to the motorcycle.

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

Before disconnecting the battery or removing a fuse for any reason, note and record the rider's settings.

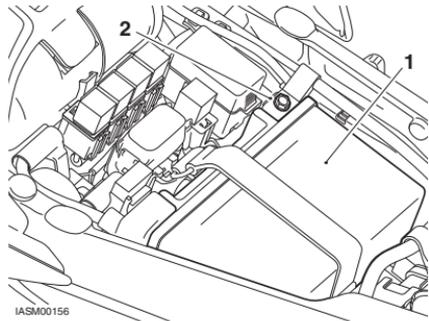
Once the fuse has been refitted or the battery reconnected the rider's settings should be reset as noted.

### **Warning**

If the battery has been disconnected or the fuses removed for any reason advise the rider to confirm the original mode settings have been correctly set.

Failure to reset the motorcycle to the rider's preferred rider mode settings and subsequently being ridden may cause loss of motorcycle control and an accident.

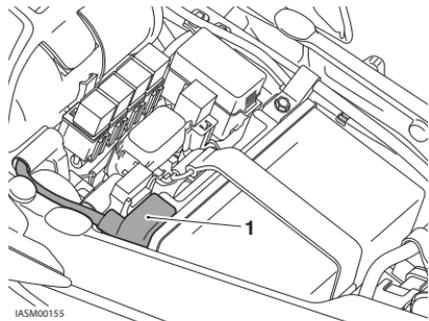
- ▼ Remove the seat (see page 118).
- ▼ Disconnect the battery negative (black) lead.



IASM00156

1. **Battery**
2. **Negative (-) terminal**

- ▼ Slide the Positive (+) terminal protective cover to gain access to the fixing.

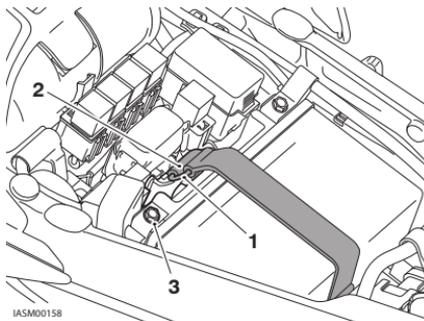


IASM00155

1. **Positive (+) terminal cover**
- ▼ Disconnect the battery positive (+) lead

# MAINTENANCE

- ▼ Remove the battery strap.



IASM00158

1. Negative (-) terminal
2. Positive (+) terminal
3. Battery strap



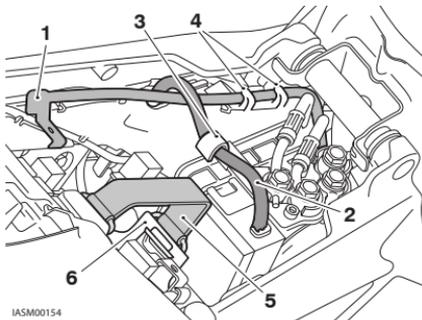
## Warning

Make sure that the battery terminals do not touch the motorcycle frame as this may cause a short circuit or spark, which would ignite battery gases causing a risk of personal injury.

- ▼ Take the battery out of the case.

## Note

Note the routing of the negative battery lead and its locating features for installation.



IASM00154

1. Negative (-) battery lead
2. ABS connector harness
3. ABS harness locating feature
4. Negative (-) battery lead locating feature
5. Battery strap
6. Battery strap locating feature (battery removed for clarity)

## Battery Disposal

Should the battery ever require replacement, the original battery must be handed to a recycling agent who will make sure that the dangerous substances from which the battery is manufactured do not pollute the environment.

## Battery Maintenance

### **Warning**

Battery acid is corrosive and poisonous and will cause damage to unprotected skin.

Never swallow battery acid or allow it to come into contact with the skin.

To prevent injury, always wear eye and skin protection when handling the battery.

The battery is a sealed type and does not require any maintenance other than checking the voltage and routine recharging when required, such as during storage.

Clean the battery using a clean, dry cloth. Make sure that the cable connections are clean.

It is not possible to adjust the battery acid level in the battery; the sealing strip must not be removed.

## Battery Discharge

### **Caution**

The charge level in the battery must be maintained to maximise battery life.

Failure to maintain the battery charge level could cause serious internal damage to the battery.

Under normal conditions, the motorcycle charging system will keep the battery fully charged. However, if the motorcycle is unused, the battery will gradually discharge due to a normal process called self discharge: the clock, Engine Control Module (ECM) memory, high ambient temperatures, or the addition of electrical security systems or other electrical accessories will all increase this rate of battery discharge. Disconnecting the battery from the motorcycle during storage will reduce the rate of discharge.

## Battery Discharge During Storage and Infrequent Use of the Motorcycle

During storage or infrequent use of the motorcycle, inspect the battery voltage weekly using a multimeter. Follow the manufacturer's instructions supplied with the meter.

Should the battery voltage fall below 12.7 Volts, the battery should be charged.

Allowing a battery to discharge or leaving it discharged for even a short period of time causes sulphation of the lead plates. Sulphation is a normal part of the chemical reaction inside the battery, however over time the sulphate can crystallise on the plates making recovery difficult or impossible. This permanent damage is not covered by the motorcycle warranty, as it is not due to a manufacturing defect.

Keeping the battery fully charged reduces the likelihood of it freezing in cold conditions. Allowing a battery to freeze will cause serious internal damage to the battery.

## Battery Charging

### Warning

The battery contains sulphuric acid (battery acid). Contact with skin or eyes may cause severe burns. Wear protective clothing and a face shield.

If battery acid gets on your skin, flush with water immediately.

If battery acid gets in your eyes, flush with water for at least 15 minutes and **SEEK MEDICAL ATTENTION IMMEDIATELY.**

If battery acid is swallowed, drink large quantities of water and **SEEK MEDICAL ATTENTION IMMEDIATELY.**

**KEEP BATTERY ACID OUT OF THE REACH OF CHILDREN.**

### Caution

Do not use an automotive quick charger as it may overcharge and damage the battery.

For help with selecting a battery charger, checking the battery voltage or battery charging, contact your local authorised Triumph dealer.

Should the battery voltage fall below 12.7 Volts, the battery should be charged using a Triumph approved battery charger. Always remove the battery from the motorcycle and follow the instructions supplied with the battery charger.

For extended periods of storage (beyond two weeks) the battery should be removed from the motorcycle and kept charged using a Triumph approved maintenance charger.

Similarly, should the battery charge fall to a level where it will not start the motorcycle, remove the battery from the motorcycle before charging.

## Battery - Installation

### **Warning**

Make sure the motorcycle is stabilised and adequately supported.

Do not support the motorcycle on any ancillary component, the exhaust system or any other non structural parts of the motorcycle frame.

A correctly supported motorcycle will help prevent it from falling.

An unstable motorcycle may fall, causing injury to the operator or damage to the motorcycle.

### **Warning**

Make sure that the battery terminals do not touch the motorcycle frame as this may cause a short circuit or spark, which would ignite battery gases causing a risk of personal injury.

### **Warning**

If the battery has been disconnected or the fuses removed for any reason advise the rider to confirm the original mode settings have been correctly set.

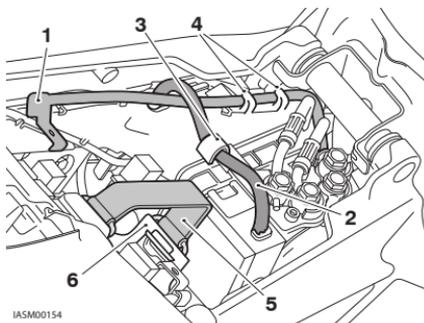
Failure to reset the motorcycle to the rider's preferred rider mode settings and subsequently being ridden may cause loss of motorcycle control and an accident.

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

# MAINTENANCE

Before disconnecting the battery or removing a fuse for any reason, note and record the rider's settings.

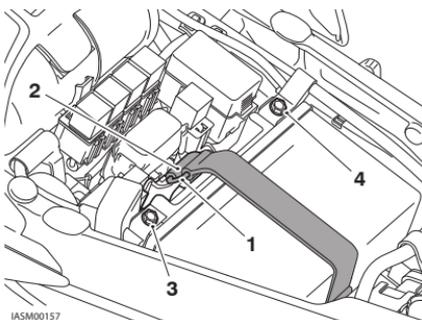
- ▼ Position the negative battery lead underneath the ABS harness.
- ▼ Fit the negative battery lead and the ABS connector harness into their locating features.
- ▼ Fit the battery strap into its locating feature at the front of the battery case.



IASMD0154

1. Negative (-) battery lead
  2. ABS connector harness
  3. ABS harness locating feature
  4. Negative (-) battery lead locating feature
  5. Battery strap
  6. Battery strap locating feature (battery removed for clarity)
- ▼ Place the battery in the battery case.
  - ▼ Secure the battery into position with the battery strap.
  - ▼ Apply a light coat of grease to the battery terminals to prevent corrosion.
  - ▼ Fit and tighten the positive (+) terminal fixing to 4.5 Nm.

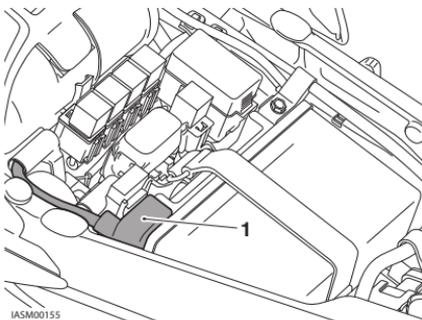
- ▼ Fit and tighten the negative (-) terminal fixing to 4.5 Nm.



IASMD0157

1. Battery strap
2. Battery case locating feature (rear)
3. Positive (+) terminal
4. Negative (-) terminal

- ▼ Cover the Positive (+) terminal with the protective cap.



IASMD0155

1. Positive (+) terminal cover
- ▼ Refit the seat (see page 119).

## Note

Once the fuse has been refitted or the battery reconnected the rider's settings should be reset as noted.

## Fuses

### Warning

Always replace blown fuses with new ones of the correct rating (as specified on the fuse box cover).

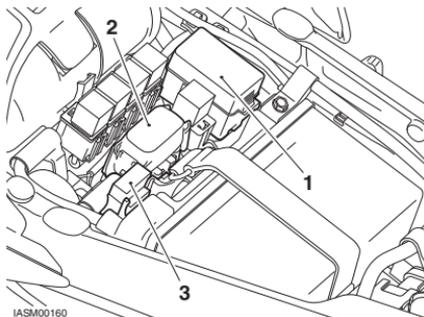
Never replace a blown fuse with a fuse of a different rating.

Use of an incorrect fuse could lead to an electrical problem, resulting in motorcycle damage, loss of motorcycle control and an accident.

### Note

**A blown fuse is indicated when all of the systems protected by that fuse become inoperative. When checking for a blown fuse, use the tables to establish which fuse has blown.**

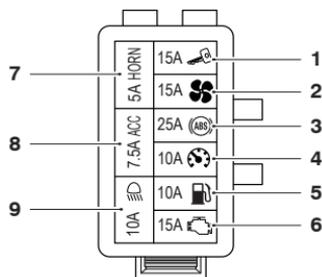
The fuse boxes are located underneath the rider's seat. To allow access to the fuse boxes, the rider's seat must be removed (see page 118).



1. Fuse box 1
2. Fuse box 2
3. Main fuse (30 Amp)

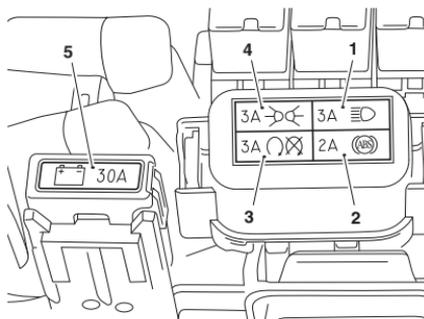
## Fuse Identification

Spare fuses are located on the inside of the fuse box cover and should be replaced if used.



**Fuse Box 1**

Position	Circuit Protected	Rating (Amps)
1	Ignition	15
2	Starter motor/cooling fan	15
3	ABS modulator	25
4	Instruments	10
5	Fuel pump	10
6	Engine management system	10
7	Horn	5
8	Accessories	7.5
9	Headlight dip beam	10



**Fuse Box 2 and Main Fuse Box**

Position	Circuit Protected	Rating (Amps)
1	Headlight main beam	3
2	ABS modulator	2
3	Engine run/stop switch	3
4	Position light	3
5	Main fuse	30

## Headlights



### **Warning**

Adjust road speed to suit the visibility and weather conditions in which the motorcycle is being operated.

Make sure that the headlight beam is adjusted to illuminate the road surface sufficiently far ahead without dazzling oncoming traffic.

An incorrectly adjusted headlight may impair visibility causing an accident.

### **Warning**

Never attempt to adjust a headlight beam when the motorcycle is in motion.

Any attempt to adjust a headlight beam when the motorcycle is in motion may result in loss of control and an accident.

### **Caution**

Do not cover the headlight or lens with any item likely to obstruct air flow to, or prevent heat escaping from, the headlight lens.

Covering the headlight lens during operation with items of clothing, luggage, adhesive tape, devices intended to alter or adjust the headlight beam or non genuine headlight lens covers will cause the headlight lens to overheat and distort, causing irreparable damage to the headlight assembly.

Damage caused by overheating is not considered a manufacturing defect and will not be covered under warranty.

If the headlight must be covered during use - such as taping of the headlight lens required during closed-course conditions - the headlight must be disconnected.

## Headlight - Adjustment

### Vertical Adjustment

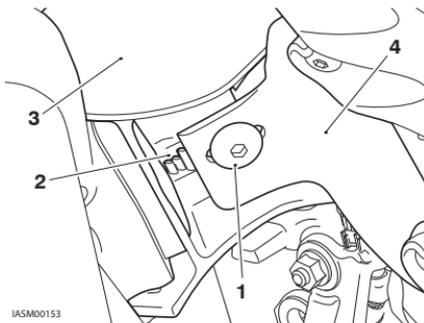
#### Note

Check and correct the tyre pressures prior to adjusting the headlight.

The vertical beams of the left hand and right hand headlights can only be adjusted together. Independent adjustment is not possible.

The headlight adjuster bracket is located under the front subframe.

- ▼ Switch the headlight dipped beam on.
- ▼ Loosen the fixing securing the headlight bracket to the front subframe sufficiently to allow restricted movement of the headlight.
- ▼ Using the mark on the bracket, adjust the position of the headlight to give the required beam setting. Each mark on the front subframe is equal to 1° movement.



IASM00153

1. Fixing
2. Front subframe alignment marks
3. Front subframe
4. Adjustment bracket

- ▼ Tighten the headlight bracket fixings to 12 Nm.
- ▼ Recheck the headlight beam settings.
- ▼ Switch the headlight dipped beam off.

## Headlight Replacement

The headlight unit is a sealed, maintenance free LED unit. The headlight unit must be replaced in the event of the failure of the headlight.

## Direction Indicators - US and Canada Markets Only

### **Warning**

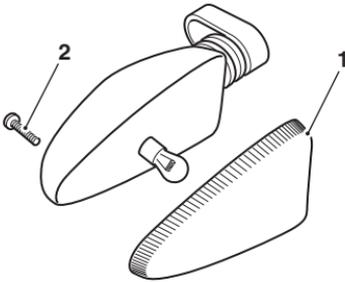
Make sure the motorcycle is stabilised and adequately supported.

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.

## LED Direction Indicators - All Markets Except US and Canada

The LED direction indicators are sealed for life units and must be replaced in the event of a failure.



celic 2

1. **Direction indicator lens**
2. **Fixing**

- ▼ Release the fixing and remove the lens to gain access to the bulb for replacement.

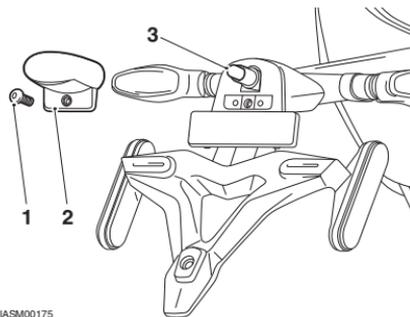
## Rear Light

The rear light unit is a sealed, maintenance free LED unit. The rear light unit must be replaced in the event of the failure of the rear light.

## Licence Plate Light

### Bulb Replacement

- ▼ Release the fixing and detach the licence plate light from the licence plate bracket.



IASM00175

1. **Fixing**
2. **Lens**
3. **Bulb**

- ▼ Replace the bulb.
- ▼ Refit the lens and tighten its fixing to 1 Nm.

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## Cleaning

Frequent, regular cleaning is an essential part of the maintenance of your motorcycle. If regularly cleaned, the appearance will be preserved for many years.

Cleaning with cold water containing an automotive cleaner is essential at all times but particularly so after exposure to sea breezes, sea water, dusty or muddy roads and in winter when roads are treated for ice and snow.

Do not use household detergent, as the use of such products will lead to premature corrosion.

Although, under the terms of your motorcycle warranty, cover is provided against the corrosion of certain items, the owner is expected to observe this reasonable advice which will safeguard against corrosion and enhance the appearance of the motorcycle.

## Preparation for Washing

Before washing, precautions must be taken to keep water off the following places.

Rear opening of the exhausts: Cover with a plastic bag secured with rubber bands.

Clutch and brake levers, switch housings on the handlebar: Cover with plastic bags.

Ignition switch and steering lock: Cover the keyhole (if applicable) with tape.

Remove any items of jewellery such as rings, watches, zips or belt buckles, which may scratch or otherwise damage painted or polished surfaces.

Use separate cleaning sponges or cleaning cloths for washing painted/polished surfaces and chassis areas. Chassis areas (such as wheels and under mudguards) will be exposed to more abrasive road grime and dust, which may then scratch painted or polished surfaces, if the same sponge or cleaning cloths are used.

## Where to be Careful

### Caution

Do not use high pressure spray washers or steam cleaners.

Use of high pressure spray washers and steam cleaners may damage seals, and cause water and steam to be forced into bearings and other components causing premature wear from corrosion and loss of lubrication.

### Caution

Do not spray any water at all near the air intake duct.

The air intake duct is located under the rider's seat, under the fuel tank or near the steering head.

Any water sprayed in this area could enter the airbox and engine, causing damage to both items.

Do not get water near the following places:

- ▼ Air and any intake duct
- ▼ Any visible electrical components
- ▼ Brake cylinders and brake calipers
- ▼ Handlebar switch housings
- ▼ Headstock bearings
- ▼ Instruments
- ▼ Oil filler cap
- ▼ Rear bevel box breather (if fitted)
- ▼ Rear of headlights
- ▼ Seats
- ▼ Suspension seals and bearings
- ▼ Under the fuel tank
- ▼ Wheel bearings.

## Washing

To wash the motorcycle, do the following:

- ▼ Make sure that the motorcycle engine is cold.
- ▼ Prepare a mixture of clean, cold water and mild automotive cleaner or low alkaline soap.
- ▼ Do not use a highly alkaline soap as commonly found at commercial car washes because it will leave a residue on painted surfaces and may also cause water spotting.
- ▼ Wash the motorcycle with a sponge or soft cloth.
- ▼ Do not use abrasive scouring pads or steel wool. They will damage the finish.
- ▼ Rinse the motorcycle thoroughly with clean, cold water.

**After Washing** **Warning**

Never wax or lubricate the brake discs. Always clean the brake disc with a proprietary brand of oil-free brake disc cleaner.

Waxed or lubricated brake discs may cause loss of braking power and an accident.

After washing the motorcycle, do the following:

- ▼ Remove the plastic bags and tape, and clear the air intakes.
- ▼ Lubricate the pivots, bolts and nuts.
- ▼ Test the brakes before motorcycle operation.
- ▼ Use a dry cloth or chamois leather to absorb water residue. Do not allow water to stand on the motorcycle as this will lead to corrosion.
- ▼ Start the engine and run it for 5 minutes. Make sure that there is adequate ventilation for the exhaust fumes.

**Gloss Paintwork Care**

Gloss paintwork should be washed and dried as described previously, then protected using a high quality automotive wax polish. Always follow the manufacturer's instructions and repeat regularly to maintain your motorcycle's appearance.

## Matt Paintwork Care

Matt paintwork requires no greater care than that already recommended for gloss paintwork.

- ▼ Do not use any polish or wax on matt paintwork.
- ▼ Do not try and polish out scratches.

## Aluminium Items - not Lacquered or Painted

Items such as brake and clutch levers, wheels, engine covers, engine cooling fins, upper and lower yokes and throttle bodies on some models must be correctly cleaned to preserve their appearance. Please contact your dealer if you are unsure which components on your motorcycle are aluminium parts not protected by paint or lacquer, and for guidance on how to clean those items.

Use a proprietary brand of aluminium cleaner which does not contain abrasive or caustic elements.

Clean aluminium items regularly, in particular after use in inclement weather, where the components must be hand washed and dried each time the machine is used.

Warranty claims due to inadequate maintenance will not be allowed.

## CLEANING AND STORAGE

### Chrome and Stainless Steel Care

All chrome and stainless steel parts of your motorcycle must be cleaned regularly to avoid a deterioration of its appearance.

#### Washing

Wash as previously described.

#### Drying

Dry the chrome and stainless steel parts as far as possible with a soft cloth or chamois leather.

#### Protecting

 **Caution**

The use of products containing silicone will cause discolouration of the chrome and stainless steel parts and must not be used.

The use of abrasive cleaning products will damage the finish and must not be used.

When the chrome and stainless steel is dry, apply a suitable proprietary chrome cleaner on to the surface, following the manufacturer's instructions.

It is recommended that regular protection be applied to the motorcycle as this will both protect and enhance its appearance.

### Black Chrome Care

Items such as headlight bowls and mirrors on some models must be correctly cleaned to preserve their appearance. Please contact your dealer if you are unsure which components on your motorcycle are black chrome parts. Maintain the appearance of black chrome items by rubbing a small amount of light oil into the surface.

## Exhaust System Care

All parts of the exhaust system of your motorcycle must be cleaned regularly to avoid a deterioration of its appearance. These instructions can be applied to chrome, brushed stainless steel and carbon fibre components; matt painted exhaust systems should be cleaned as above, noting the care instructions in the Matt Paintwork section previously.

The exhaust system must be cool before washing to prevent water spotting.

### Washing

Wash as previously described.

Make sure that no soap or water enters the exhausts.

### Drying

Dry the exhaust system as far as possible with a soft cloth or chamois leather. Do not run the engine to dry the system or spotting will occur.

## Protecting

### Caution

The use of products containing silicone will cause discolouration of the chrome and stainless steel parts and must not be used.

The use of abrasive cleaning products will damage the finish and must not be used.

When the exhaust system is dry, apply a suitable proprietary motorcycle protection spray onto the surface, following the manufacturer's instructions.

It is recommended that regular protection be applied to the system as this will both protect and enhance the system's appearance.

## CLEANING AND STORAGE

### Seat Care

#### **Caution**

Do not use chemicals or high pressure spray washers to clean the seat.

Using chemicals or high pressure spray washers may damage the seat cover.

To help maintain its appearance, clean the seat using a sponge or cleaning cloth with soap and water.

### Windscreen Care (if fitted)



#### **Warning**

Never attempt to clean the windscreen while the motorcycle is in motion as releasing the handlebars may cause loss of motorcycle control and an accident.

Operation of the motorcycle with a damaged or scratched windscreen will reduce the rider's forward vision. Any such reduction in forward vision is dangerous and may lead to loss of motorcycle control and an accident.

#### **Caution**

Corrosive chemicals such as battery acid will damage the windscreen. Never allow corrosive chemicals to contact the windscreen.

#### **Caution**

Products such as window cleaning fluids, insect remover, rain repellent, scouring compounds, petrol or strong solvents such as alcohol, acetone, carbon tetrachloride, etc. will damage the windscreen.

Never allow these products to contact the windscreen.

Clean the windscreen with a solution of mild soap or detergent and clean, cold water.

After cleaning, rinse well and then dry with a soft, lint-free cloth.

If the transparency of the windscreen is reduced by scratches or oxidation which cannot be removed, the windscreen must be replaced.

## Leather Products Care

It is recommend that the leather products are periodically cleaned with a damp cloth and allowed to dry naturally at room temperature. This will maintain the appearance of the leather and ensure the long life of the product.

The Triumph leather product is a natural product and lack of care can result in damage and permanent wear.

Follow these simple instructions to prolong the life of the leather product:

- ▼ Do not use household cleaning products, bleach, detergents containing bleach or any kind of solvent to clean the leather product.
- ▼ Do not immerse the leather product in water.
- ▼ Avoid direct heat from fires and radiators which can dry out and distort the leather.
- ▼ Do not leave the leather product in direct sunlight for prolonged periods of time.
- ▼ Do not dry the leather product by applying direct heat to it at any time.
- ▼ If the leather product does get wet, absorb any excess water with a soft clean cloth then leave the leather product to dry naturally at room temperature.
- ▼ Avoid exposure of the leather product to high levels of salt, for example sea/salt water or road surfaces that have been treated during the winter for ice and snow.
- ▼ If exposure to salt is unavoidable, clean the leather product immediately after each exposure using a damp cloth then leave the leather product to dry naturally at room temperature.

## CLEANING AND STORAGE

- ▼ Gently clean any minor marks with a damp cloth then leave the leather product to dry naturally at room temperature.
- ▼ Place the leather product in a fabric bag or cardboard box to protect it when in storage. Do not use a plastic bag.

### Storage

#### Preparation for Storage

To prepare the motorcycle for storage, do the following:

- ▼ Clean and dry the entire vehicle thoroughly.
- ▼ Fill the fuel tank with the correct grade of unleaded fuel and add a fuel stabiliser (if available), following the fuel stabiliser manufacturer's instructions.

#### Warning

Petrol is extremely flammable and can be explosive under certain conditions.

Turn the ignition switch off. Do not smoke.

Make sure the area is well ventilated and free from any source of flame or sparks; this includes any appliance with a pilot light.

- ▼ Remove the spark plug from each cylinder and put several drops (5 cc) of engine oil into each cylinder. Cover the spark plug holes with a piece of cloth or rag. With the engine stop switch in the RUN position, push the starter button for a 2 - 3 seconds to coat the cylinder walls with oil. Install the spark plugs, tightening to 12 Nm.
- ▼ Change the engine oil and filter (see page 151).
- ▼ Check and if necessary correct the tyre pressures (see the relevant Specification section).

- ▼ Set the motorcycle on a stand so that both wheels are raised off the ground. (If this cannot be done, put boards under the front and rear wheels to keep dampness away from the tyres).
- ▼ Spray rust inhibiting oil (there are numerous products on the market and your dealer will be able to offer you local advice) on all unpainted metal surfaces to prevent rusting. Prevent oil from getting on rubber parts, brake discs or in the brake calipers.
- ▼ Lubricate and if necessary adjust the drive chain (see page 160).
- ▼ Make sure the cooling system is filled with a 50% mixture of coolant (noting that D2053 coolant, as supplied by Triumph, is pre-mixed and requires no dilution) and distilled water solution (see page 153).
- ▼ Remove the battery, and store it where it will not be exposed to direct sunlight, moisture, or freezing temperatures. During storage it should be given a slow charge (one Ampere or less) about once every two weeks (see page 198).
- ▼ Store the motorcycle in a cool, dry area, away from sunlight, and with a minimum daily temperature variation.
- ▼ Put a suitable porous cover over the motorcycle to keep dust and dirt from collecting on it. Avoid using plastic or similar non-breathable, coated materials that restrict air flow and allow heat and moisture to accumulate.

### Preparation after Storage

To prepare the motorcycle to be ridden after storage, do the following:

- ▼ Install the battery (if removed) (see page 199).
- ▼ If the motorcycle has been stored for more than four months, change the engine oil (see page 151).
- ▼ Check all the points listed in the Daily Safety Checks section.
- ▼ Before starting the engine, remove the spark plugs from each cylinder.
- ▼ Put the side stand down.
- ▼ Crank the engine on the starter motor several times.
- ▼ Refit the spark plugs, tightening to 12 Nm, and start the engine.
- ▼ Check and if necessary correct the tyre pressures (see the relevant Specification section).
- ▼ Clean the entire vehicle thoroughly.
- ▼ Check the brakes for correct operation.
- ▼ Test ride the motorcycle at low speeds.

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# WARRANTY

## Triumph Warranty Terms and Conditions - All except Canada

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

This section of the Owner's Handbook includes details of the warranty and other useful information concerning your motorcycle.

Make sure that all your owner information is entered in the Triumph Motorcycle Service Handbook that is provided with the motorcycle.

Maintain maximum protection under warranty by making sure that your motorcycle is serviced in accordance with the recommendations of the scheduled maintenance chart in this Owner's Handbook.

**If you should sell your motorcycle, make sure this Owner's Handbook or Quick Start Guide (where supplied with the motorcycle) together with all other relevant documents are passed to the new owner. Please advise the new owner that they can notify Triumph of the change of ownership by completing the form found on the Triumph web site at [www.triumphmotorcycles.com](http://www.triumphmotorcycles.com).**

All new Triumph motorcycles are covered by a 24 (Twenty-four) month unlimited mileage warranty, commencing from the date of first registration or the date of sale if the motorcycle remains unregistered.

Within the warranty period, TRIUMPH MOTORCYCLES LIMITED warrant the new Triumph motorcycle detailed in the Motorcycle Service Handbook to be free from any defect in materials used in the manufacture, and/or workmanship at the time of its manufacture.

Any part found to be defective during this period will be repaired or replaced at the discretion of TRIUMPH MOTORCYCLES LIMITED by an authorised Triumph dealer.

Any part replaced under the warranty will be covered for the remaining period of the warranty.

Any parts replaced under warranty must be returned to TRIUMPH MOTORCYCLES LIMITED by the dealer/distributor and will become the property of Triumph Motorcycles Ltd.

Triumph may, at its discretion make any repairs or replacement of defective parts falling outside the warranty, but such work shall not be deemed to be any admission of liability.

Triumph will bear labour charges for work carried out under the warranty.

The warranty may be transferred to subsequent owners for the balance of the remaining warranty period.

### Australia Only

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if goods fail to be of acceptable quality and the failure does not amount to a major failure.

## Triumph Warranty Terms and Conditions - Canada only

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

This section of the Owner's Handbook includes details of the warranty and other useful information concerning your motorcycle.

Make sure that all your owner information is entered in the Triumph Motorcycle Service Handbook that is provided with the motorcycle.

Maintain maximum protection under warranty by making sure your motorcycle is serviced in accordance with the recommendations of the scheduled maintenance chart in this Owner's Handbook.

**If you should sell your motorcycle, make sure this Owner's Handbook or Quick Start Guide (where supplied with the motorcycle) together with all other relevant documents are passed to the new owner. Please advise the new owner that they can notify Triumph of the change of ownership by completing the form found on the Triumph web site at [www.triumphmotorcycles.com](http://www.triumphmotorcycles.com).**

All new Triumph motorcycles are covered by a 24 (Twenty-four) month unlimited mileage warranty, commencing from the date of first registration or the date of sale if the motorcycle remains unregistered.

Within the warranty period, TRIUMPH MOTORCYCLES AMERICA LIMITED warrant the new Triumph motorcycle detailed in the Motorcycle Service Handbook to be free from any defect in materials used in the manufacture, and/or workmanship at the time of its manufacture.

Any part found to be defective during this period will be repaired or replaced at the discretion of TRIUMPH MOTORCYCLES AMERICA LIMITED by an authorized Triumph dealer.

Any part replaced under the warranty will be covered for the remaining period of the warranty.

Any parts replaced under warranty must be returned to TRIUMPH MOTORCYCLES AMERICA LIMITED and will become the property of TRIUMPH MOTORCYCLES AMERICA LIMITED.

TRIUMPH MOTORCYCLES AMERICA LIMITED may, at its discretion make any repairs or replacement of defective parts falling outside the warranty, but such work shall not be deemed to be any admission of liability.

TRIUMPH MOTORCYCLES AMERICA LIMITED will bear labor charges for work carried out under the warranty.

The warranty may be transferred to subsequent owners for the balance of the remaining warranty period.

# WARRANTY

## Conditions and Exclusions - All except Canada

- ▼ The motorcycle must not have been used for competition, misused<sup>1</sup>, inadequately or incorrectly serviced or maintained.
- ▼ The motorcycle must not have been subject to any modification, repair or replacement other than as authorised by TRIUMPH MOTORCYCLES LIMITED.
- ▼ The motorcycle must have been serviced as detailed in the manufacturers service maintenance schedule, at the intervals specified in the Triumph Owner's Handbook and the service log completed accordingly.
- ▼ The motorcycle's exhaust silencers are warranted for 12 (twelve) months from the commencement of the general motorcycle warranty. During this 12 (twelve) month warranty period, internal corrosion or deformation of internal baffles are excluded from the warranty. After this 12 (twelve) month period, the motorcycle silencers are excluded from the terms of this warranty.
- ▼ The motorcycle battery is warranted for 12 (twelve) months from the original date of purchase of the motorcycle. After this 12 (twelve) month period, the battery is excluded from the terms of this warranty. The battery supplied with the motorcycle must be provided

with sufficient charge to replenish that lost by the operation of the starting mechanism and/or the use of electrical equipment whilst the engine is not running. If the motorcycle is placed in to storage, remove the battery, and store it where it will not be exposed to direct sunlight, moisture, or freezing temperatures. During storage it should be given a slow charge (one Ampere or less) approximately once every two weeks.

<sup>1</sup> Misuse includes any use not in accordance with the recommendations made in the 'how to ride the motorcycle' section of the Owner's Handbook and any use contrary to the warnings given in that same handbook. In addition, misuse will include, but not be limited to any use of the motorcycle which does not constitute normal road use.

**The warranty does not cover:**

- ▼ Defects caused by faulty adjustment, or repairs and alterations performed by a NON-AUTHORISED Triumph dealer are not covered by this warranty.
- ▼ Defects caused by the use of parts and accessories not authorised by TRIUMPH MOTORCYCLES LIMITED are not covered by this warranty.
- ▼ The cost of removal and replacement of parts and accessories, unless supplied as original equipment, or recommended by TRIUMPH MOTORCYCLES LIMITED.
- ▼ The cost of transportation of the motorcycle to or from the authorised Triumph dealer, or expenses incurred while the motorcycle is off the road for warranty repairs.
- ▼ Normal servicing and normal service items, such as spark plugs, oil and air filters are not covered by this warranty. Similarly items which are expected to wear as part of their normal function such as tyres, bulbs, chains, brake pads and clutch plates are also excluded, unless there is a manufacturing defect.
- ▼ Defects to the front fork oil seals as they are subject to wear and tear, including but not limited to damage caused by stone chips to the inner fork tubes.
- ▼ Seats, luggage, paint, chrome, polished aluminium items, or trim deterioration caused by normal wear and tear, exposure or lack of correct maintenance.
- ▼ Motorcycles used on a commercial basis.
- ▼ Defects which have not been reported to an authorised dealer within ten days of discovery of the defect.
- ▼ Motorcycles which have been inadequately lubricated, or for which the wrong fuel or lubricant has been used.

Should a warranty claim become necessary, Triumph Motorcycles and its authorised dealers shall not be liable for loss of use, inconvenience, lost time, commercial losses or other incidental or consequential damages.

This warranty shall be interpreted in accordance with English law and any question arising from this warranty shall be subject to the jurisdiction of the English courts.

Any statement, condition, representation, description or warranty otherwise contained in any catalogue, advertisement or other publication shall not be construed as enlarging, varying or overriding anything contained herein.

Triumph Motorcycles reserve the right to make alterations or improvements without notification to any model or motorcycle without obligation to do so to motorcycles already sold.

This warranty does not affect your statutory rights.

# WARRANTY

## Conditions and Exclusions - Canada Only

- ▼ The motorcycle must not have been used for competition, misused<sup>2</sup>, inadequately or incorrectly serviced or maintained.
- ▼ The motorcycle must not have been subject to any modification, repair or replacement other than as authorised by TRIUMPH MOTORCYCLES AMERICA LIMITED.
- ▼ The motorcycle battery is warranted for 12 (twelve) months from the original date of purchase of the motorcycle. After this 12 (twelve) month period, the battery is excluded from the terms of this warranty. The battery supplied with the motorcycle must be provided with sufficient charge to replenish that lost by the operation of the starting mechanism and/or the use of electrical equipment whilst the engine is not running. If the motorcycle is placed in to storage, remove the battery, and store it where it will not be exposed to direct sunlight, moisture, or freezing temperatures. During storage it should be given a slow charge (one Ampere or less) approximately once every two weeks.

## The warranty does not cover:

- ▼ The cost of transportation of the motorcycle to or from the authorised Triumph dealer, or expenses incurred while the motorcycle is off the road for warranty repairs.
- ▼ Defects caused by the use of parts and accessories not authorised by TRIUMPH MOTORCYCLES AMERICA LIMITED.
- ▼ Defects caused by faulty adjustment, or repairs and alterations performed by a NON-AUTHORISED Triumph dealer.
- ▼ The cost of removal and replacement of parts and accessories, unless supplied as original equipment, or recommended by TRIUMPH MOTORCYCLES AMERICA LIMITED.
- ▼ Normal servicing and normal service items, such as spark plugs, oil and air filters are not covered by this warranty. Similarly items which are expected to wear as part of their normal function such as tyres, bulbs, chains, brake pads and clutch plates are also excluded, unless there is a manufacturing defect.
- ▼ Defects to the front fork oil seals as they are subject to wear and tear, including but not limited to damage caused by stone chips to the inner fork tubes.

<sup>2</sup> Misuse includes any use not in accordance with the recommendations made in the 'how to ride the motorcycle' section of the Owner's Handbook and any use contrary to the warnings given in that same handbook. In addition, misuse will include, but not be limited to any use of the motorcycle which does not constitute normal road use.

- ▼ Seats, luggage, paint, chrome, polished aluminium items, or trim deterioration caused by normal wear and tear, exposure or lack of correct maintenance.
- ▼ Motorcycles used on a commercial basis.
- ▼ Defects which have not been reported to an authorised dealer within ten days of discovery of the defect.
- ▼ Motorcycles which have been inadequately lubricated, or for which the wrong fuel or lubricant has been used.

Should a warranty claim become necessary, TRIUMPH MOTORCYCLES AMERICA LIMITED and its authorised dealers shall not be liable for loss of use, inconvenience, lost time, commercial losses or other incidental or consequential damages.

Any statement, condition, representation, description or warranty otherwise contained in any catalog, advertisement or other publication shall not be construed as enlarging, varying or overriding anything contained herein.

TRIUMPH MOTORCYCLES AMERICA LIMITED reserve the right to make alterations or improvements without notification to any model or motorcycle without obligation to do so to motorcycles already sold.

This warranty does not affect your statutory rights.

## Noise Control System Warranty



### Warning

This product should be checked for repair or replacement if the motorcycle noise has increased significantly through use, otherwise the owner may become subject to penalties under state and local ordinances.

The following warranty applies to the noise control system and is in addition to the general Triumph warranty and the emission control warranty.

Per 40 C.F.R. § 205.173-1, Triumph Motorcycles America Limited, warrants that this exhaust system, at the time of sale, meets all applicable U.S. E.P.A. federal noise standards. This warranty extends to the first person who buys this exhaust system for purposes other than resale, and to all subsequent buyers. Warranty claims should be directed to an authorised Triumph Motorcycles America dealer.

Triumph Motorcycles America Limited warrants to the first, and each subsequent owner, that the vehicle was designed and built so as to conform, at the time of sale, with the regulations of Environment Canada (as tested following F-76 Drive-By test procedure) and, at the time of manufacture, was free from defects in materials and workmanship which would cause the motorcycle not to meet the Environment Canada Standards. This noise control system warranty extends for a period of 1 calendar year or 6,000 kms whichever occurs first from

the date on which the motorcycle was delivered to the first retail purchaser or, in the case of a demonstration motorcycle or company motorcycle, the date on which the company placed the motorcycle in service prior to retail sale.

## **Tampering With The Noise Control System Prohibited**

**Owners are warned that the law prohibits:**

- (a) The removal or rendering inoperative by any person other than for purposes of maintenance, repair or replacement, of any device or element of design incorporated into any new vehicle for the purpose of noise control prior to its sale or delivery to the ultimate purchaser or while it is in use; and
- (b) the use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.

Acts which are likely to constitute tampering include the following:

- ▼ Removal or tampering with the mufflers, baffles or header pipes or any other component which conducts exhaust gases.
- ▼ Removal of or puncturing of any part of the air intake system.
- ▼ Failure to carry out maintenance as prescribed in the owner's manual.
- ▼ Replacement of any parts of the exhaust or air intake system with parts other than those specified by Triumph Motorcycles America Limited.

**The following items are not covered by the noise control system warranty:**

- ▼ Failures which arise through misuse, alterations or accident damage.
- ▼ Replacing, removing, or modifications of any part of the noise control system (consisting of the exhaust system and air intake system) with parts not certified to be noise legal for street use.
- ▼ Triumph Motorcycles America Limited and its authorized dealers shall not be liable for loss of use, inconvenience, lost time, commercial losses or other incidental or consequential damages.
- ▼ Any motorcycle which has had the odometer recorded mileage changed so that the correct mileage of the motorcycle cannot be accurately determined.

## **Emission Control System Warranty**

The following warranty applies to the emission control system and is in addition to the general Triumph warranty and the noise control system warranty.

Triumph Motorcycles America Limited warrants to the first, and each subsequent owner, that the vehicle was designed and built so as to conform, at the time of sale, with the regulations of Environment Canada and, at the time of manufacture, was free from defects in materials and workmanship which would cause the motorcycle not to meet Environment Canada Standards. This emission control system warranty extends for a period of 5 calendar years or 30,000 kms whichever occurs first, from the date on which the motorcycle was delivered to the first retail purchaser or, in the case of a demonstration motorcycle or company motorcycle, the date on which the company placed the motorcycle in service prior to retail sale.

## WARRANTY

### The following are not covered by the Emission Control System warranty:

- ▼ Failures which arise through misuse, alterations, accident damage or failure to carry out maintenance as described in the owner's manual.
- ▼ The replacement of any parts required in the maintenance of the emission control system.
- ▼ Triumph Motorcycles America Limited and its authorized dealers shall not be liable for loss of use, inconvenience, lost time, commercial losses or other incidental or consequential damages.
- ▼ Any motorcycle which has had the odometer recorded mileage changed so that the correct mileage of the motorcycle cannot be accurately determined.

This warranty period starts the date the motorcycle is delivered to the first retail purchaser or, if the motorcycle is placed in service as a demonstrator or company motorcycle prior to sale at retail, the date it is first placed in service.

The emission control system of each new Triumph motorcycle was designed, built and tested using only genuine Triumph motorcycle parts and with these parts the motorcycle is certified as being in conformity with Environment Canada emission control regulations.

WE RECOMMEND THAT ONLY GENUINE TRIUMPH MOTORCYCLE PARTS BE USED FOR MAINTENANCE REPAIR OR REPLACEMENT OF THE EMISSION CONTROL SYSTEM.

### Caring for your Motorcycle

Triumph Motorcycles have taken great care in the selection of materials, plating and painting techniques so as to provide its customers with a quality cosmetic appearance allied to durability. However, motorcycles are often used in hostile environmental conditions and in these circumstances it is essential that the motorcycle is washed and lost lubricity replaced to prevent discolouration particularly of plated and unplated metallic surfaces. Your dealer can provide further information and advice if required. Ultimately the appearance of your motorcycle will very much depend on the care it receives.

For further information in regards to caring for your motorcycle, refer to the Cleaning and Storage section of this Owner's Handbook.

## Triumph Overseas

If you are travelling abroad and require assistance or advice from a Triumph dealer, contact the subsidiary or importer for the country which you are visiting.

Subsidiary offices are listed below.

For an up to date list of authorised Triumph dealers and importers, visit [www.triumphmotorcycles.co.uk](http://www.triumphmotorcycles.co.uk).

### Subsidiary Offices

#### Benelux

Triumph Netherlands

Tel: +31 725 41 0311

Email: [Benelux@Triumph.co.uk](mailto:Benelux@Triumph.co.uk)

#### Brazil

Triumph Motorcycles Brazil Ltda

Tel: +55 11 3010 1010

Email: [sac.triumph@europ-assistance.com.br](mailto:sac.triumph@europ-assistance.com.br)

#### China

British Triumph (Shanghai) Trading Co., Ltd.

Tel: +86 21 6140 9180

Email: [aftersales.china@triumphmotorcycles.com](mailto:aftersales.china@triumphmotorcycles.com)

#### Denmark/Finland/Norway/Sweden

Triumph Motorcycles AB

Tel: +46 8 680 68 00

Fax: +46 8 680 07 85

#### France

Triumph S.A.

Tel: +33 1 64 62 3838

Fax: +33 1 64 80 5828

#### Germany

Triumph Motorrad Deutschland GmbH

Tel: +49 6003 829090

Fax: +49 6003 8290927

#### India

Triumph Motorcycles (India) Private Limited

Tel: 1 800 3000 0051 (toll free)

Email: [customer.care@triumphmotorcycles.in](mailto:customer.care@triumphmotorcycles.in)

#### Italy

Triumph Motorcycles srl

Tel: +39 02 93 454525

Fax: +39 02 93 582575

#### Japan

Triumph Motorcycles Japan K.K.

Tel: +81 3 6453 9810

Fax: +81 3 6453 9811

#### Spain/Portugal

Triumph Motocicletas España, S.L

Tel: +34 91 637 7475

Fax: +34 91 636 1134

#### Thailand

Triumph Thailand

Tel: +66(0)20170333

Fax: +66(0)20170330

#### United Kingdom/Eire

Triumph Motorcycles Ltd

Tel: +44 1455 45 5012

Fax: +44 1455 45 2211

#### USA

Triumph Motorcycles (America) Ltd

Tel: +1 678 854 2010

Fax: +1 678 854 8740

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# SPECIFICATIONS

## Street Triple R and Street Triple RS

### Dimensions, Weights and Performance

A list of model specific dimensions, weights and performance figures is available from your authorised Triumph dealer, or on the Internet at [www.triumph.co.uk](http://www.triumph.co.uk).

Payload	Street Triple R	Street Triple RS
Maximum Payload	195kg (430 lb)	195kg (430 lb)
Engine	Street Triple R	Street Triple RS
Type	In-line 3 cylinder	In-line 3 cylinder
Displacement	765 cc	765 cc
Bore x Stroke	77.99 x 53.38	77.99 x 53.38
Compression Ratio	13.25:1	13.25:1
Cylinder Numbering	Left to Right (No.3 adjacent to camshaft drive chain)	Left to Right (No.3 adjacent to camshaft drive chain)
Cylinder Sequence	Number 1 at left	Number 1 at left
Firing Order	1 2 3	1 2 3
Lubrication	Street Triple R	Street Triple RS
Lubrication System	Pressure Lubrication, Wet sump	Pressure Lubrication, Wet sump
Engine Oil Capacities:		
Dry Fill	3.40 litres	3.40 litres
Oil/Filter Change	3.00 litres	3.00 litres
Oil Change Only	2.80 litres	2.80 litres

Cooling System	Street Triple R	Street Triple RS
Water/Antifreeze Ratio	50/50 (premixed as supplied by Triumph)	50/50 (premixed as supplied by Triumph)
Coolant Capacity	2.13 litres	2.13 litres
Thermostat Opens (nominal)	71° C (nominal)	71° C (nominal)

Fuel System	Street Triple R	Street Triple RS
Type	Electronic, sequential	Electronic, sequential
Injectors	Multi hole, solenoid operated plate valve	Multi hole, solenoid operated plate valve
Fuel Pump	Submerged	Submerged
Fuel Pressure (nominal)	3.5 bar (50.8 lb/in <sup>2</sup> )	3.5 bar (50.8 lb/in <sup>2</sup> )

Fuel	Street Triple R	Street Triple RS
Type	Unleaded, 91 RON (U.S. 87 CLC/AKI)	Unleaded, 91 RON (U.S. 87 CLC/AKI)
Tank Capacity (motorcycle upright)	15.16 litres	15.16 litres

Ignition	Street Triple R	Street Triple RS
Ignition System	Digital Inductive	Digital Inductive
Electronic Rev Limiter	12,650 rpm	12,650 rpm
Spark Plug	NGK CR9EIA-9	NGK CR9EIA-9
Spark Plug Gap	0.9 mm +0.00/-0.1mm	0.9 mm +0.00/-0.1mm

# SPECIFICATIONS

Transmission	Street Triple R	Street Triple RS
Transmission Type	6 Speed, Constant Mesh	6 Speed, Constant Mesh
Clutch Type	Wet multiplate	Wet multiplate
Final Drive Chain	DID 525HV3KAI, 118 Links	DID 525HV3KAI, 118 Links
Primary Drive Ratio	1.85:1 (76/41)	1.85:1 (76/41)
Gear Ratios:		
Final Drive Ratio	3.2:1 (48/15)	3.2:1 (48/15)
1st	2.31:1 (37/16)	2.31:1 (37/16)
2nd	1.86:1 (39/21)	1.86:1 (39/21)
3rd	1.5:1 (36/24)	1.5:1 (36/24)
4th	1.29:1 (27/21)	1.29:1 (27/21)
5th	1.14:1 (25/22)	1.14:1 (25/22)
6th	0.97:1 (29/30)	0.97:1 (29/30)

## Warning

Use the recommended tyres ONLY in the combinations given.

Do not mix tyres from different manufacturers or mix different specification tyres from the same manufacturers as this may result in loss of motorcycle control and an accident.

## Approved Tyres

A list of approved tyres specific to these models is available from your authorised Triumph dealer, or on the Internet at [www.triumph.co.uk](http://www.triumph.co.uk).

Tyres	Street Triple R	Street Triple RS
Tyre Sizes:		
Front	120/70 ZR17 58W	120/70 ZR17 58W
Rear	180/55 ZR17 73W	180/55 ZR17 73W
Tyre Pressures (Cold):		
Front	2.35 bar (34 lb/in <sup>2</sup> )	2.35 bar (34 lb/in <sup>2</sup> )
Rear	2.9 bar (42 lb/in <sup>2</sup> )	2.9 bar (42 lb/in <sup>2</sup> )

Electrical Equipment	Street Triple R	Street Triple RS
Battery Type	YTX-9BS	YTX-9BS
Battery Rating	12 Volt, 8 Ah	12 Volt, 8 Ah
Alternator	14 Volt, 34 Amp at 5,000 rpm	14 Volt, 34 Amp at 5,000 rpm
Front Position Light	LED	LED
Headlight	LED	LED
Tail/Brake Light	LED	LED
Licence Plate Light	Bulb, 12V / 5W	Bulb, 12V / 5W
Direction Indicator Lights (US and Canada Markets only)	Bulb, 12V / 10W	Bulb, 12V / 10W
Models with LED Direction Indicator Lights	LED	LED

Tightening Torques	
Battery Terminals	4.5 Nm
Chain Adjuster Lock Nuts	19 Nm
Chain Guard	6 Nm
Clutch Cable Lock Nuts (Clutch End)	3 Nm
Oil Filter	10 Nm
Spark Plug	12 Nm
Sump Plug	25 Nm
Rear Wheel Spindle Nut	110 Nm
Mirror boss (handlebar mounted)	25 Nm
Mirror (handlebar mounted)	25 Nm
Mirror pinch bolt (bar end mirror)	3.5 Nm

# SPECIFICATIONS

Fluids and Lubricants	
Bearings and Pivots	Triumph Performance RG2 grease (NLGI 2)
Brake Fluid	Triumph Performance DOT 4 brake fluid
Coolant	Triumph D2053 OAT coolant (premixed)
Drive Chain	Triumph Performance chain lubricant
Engine Oil	Fully or semi synthetic 10W/40 or 10W/50 motorcycle engine oil which meets specification API SH (or higher) and JASO MA. Triumph Performance fully synthetic engine oil is recommended

## Street Triple Moto2 Edition

**Dimensions, Weights and Performance**

A list of model specific dimensions, weights and performance figures is available from your authorised Triumph dealer, or on the Internet at [www.triumph.co.uk](http://www.triumph.co.uk).

<b>Payload</b>		<b>Street Triple Moto2™ Edition</b>
Maximum Payload		195kg (430 lb)

<b>Engine</b>		<b>Street Triple Moto2™ Edition</b>
Type		In-line 3 cylinder
Displacement		765 cc
Bore x Stroke		77.99 x 53.38
Compression Ratio		13.25:1
Cylinder Numbering		Left to Right (No.3 adjacent to camshaft drive chain)
Cylinder Sequence		Number 1 at left
Firing Order		1 2 3

<b>Lubrication</b>		<b>Street Triple Moto2™ Edition</b>
Lubrication System		Pressure Lubrication, Wet sump
Engine Oil Capacities:		
Dry Fill		3.40 litres
Oil/Filter Change		3.00 litres
Oil Change Only		2.80 litres

<b>Cooling System</b>		<b>Street Triple Moto2™ Edition</b>
Water/Antifreeze Ratio		50/50 (premixed as supplied by Triumph)
Engine Oil Capacities:		
Coolant Capacity		2.13 litres
Thermostat Opens (nominal)		71° C (nominal)

## SPECIFICATIONS

<b>Fuel System</b>	<b>Street Triple Moto2™ Edition</b>
Type	Electronic, sequential
Injectors	Multi hole, solenoid operated plate valve
Fuel Pump	Submerged
Fuel Pressure (nominal)	3.5 bar (50.8 lb/in <sup>2</sup> )

<b>Fuel</b>	<b>Street Triple Moto2™ Edition</b>
Type	Unleaded, 91 RON (U.S. 87 CLC/AKI)
Tank Capacity (motorcycle upright)	15.16 litres

<b>Ignition</b>	<b>Street Triple Moto2™ Edition</b>
Ignition System	Digital Inductive
Electronic Rev Limiter	12,650 rpm
Spark Plug	NGK CR9EIA-9
Spark Plug Gap	0.9 mm +0.00/-0.1mm

<b>Transmission</b>	<b>Street Triple Moto2™ Edition</b>
Transmission Type	6 Speed, Constant Mesh
Clutch Type	Wet multiplate
Final Drive Chain	DID 525HV3KAI, 118 Links
Primary Drive Ratio	1.85:1 (76/41)
Gear Ratios:	
Final Drive Ratio	3.2:1 (48/15)
1st	2.31:1 (37/16)
2nd	1.86:1 (39/21)
3rd	1.5:1 (36/24)
4th	1.29:1 (27/21)
5th	1.14:1 (25/22)
6th	0.97:1 (29/30)

 **Warning**

Use the recommended tyres ONLY in the combinations given.

Do not mix tyres from different manufacturers or mix different specification tyres from the same manufacturers as this may result in loss of motorcycle control and an accident.

**Approved Tyres**

A list of approved tyres specific to these models is available from your authorised Triumph dealer, or on the Internet at [www.triumph.co.uk](http://www.triumph.co.uk).

**Tyres** **Street Triple Moto2™ Edition**

Tyre Sizes:

Front	120/70 ZR17 58W
-------	-----------------

Rear	180/55 ZR17 73W
------	-----------------

Tyre Pressures (Cold):

Front	2.35 bar (34 lb/in <sup>2</sup> )
-------	-----------------------------------

Rear	2.9 bar (42 lb/in <sup>2</sup> )
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**Electrical Equipment** **Street Triple Moto2™ Edition**

Battery Type	YTX-9BS
--------------	---------

Battery Rating	12 Volt, 8 Ah
----------------	---------------

Alternator Rating	14 Volt, 34 Amp at 5,000 rpm
-------------------	------------------------------

Front Position Light	LED
----------------------	-----

Headlight	LED
-----------	-----

Tail/Brake Light	LED
------------------	-----

Licence Plate Light	Bulb, 12V / 5W
---------------------	----------------

Direction Indicator Lights (US and Canada Markets only)	Bulb, 12V / 10W
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Models with LED Direction Indicator Lights	LED
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# SPECIFICATIONS

## Tightening Torques

Battery Terminals	4.5 Nm
Chain Adjuster Lock Nuts	19 Nm
Chain Guard	6 Nm
Clutch Cable Lock Nuts (Clutch End)	3 Nm
Oil Filter	10 Nm
Spark Plug	12 Nm
Sump Plug	25 Nm
Rear Wheel Spindle Nut	110 Nm
Mirror pinch bolt (bar end mirror)	3.5 Nm

## Fluids and Lubricants

Bearings and Pivots	Triumph Performance RG2 grease (NLGI 2)
Brake Fluid	Triumph Performance DOT 4 brake fluid
Coolant	Triumph D2053 OAT coolant (premixed)
Drive Chain	Triumph Performance chain lubricant
Engine Oil	Fully or semi synthetic 10W/40 or 10W/50 motorcycle engine oil which meets specification API SH (or higher) and JASO MA. Triumph Performance fully synthetic engine oil is recommended

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This section contains approval information that is required to be included in this Owner's Handbook.

## Radio Equipment Device EU Directive 2014/53

Triumph motorcycles are equipped with a range of radio equipment devices. These radio equipment devices must comply with the EU Radio Equipment Device Directive 2014/53/EU. The complete text of the EU declaration of conformity for each radio equipment device is available at the following address:

[www.triumphmotorcycles.co.uk/public-content/triumph-radio-device-approvals](http://www.triumphmotorcycles.co.uk/public-content/triumph-radio-device-approvals)

The table below shows the frequencies and power levels for the radio equipment devices in compliance with the EU Directive 2014/53/EU. The table shows all radio equipment devices used across the Triumph range of motorcycles. Only certain radio equipment devices in the table are applicable to specific motorcycles.

Radio Equipment Device	Frequency Range	Maximum Transmit Power Level	Manufacturer
Chassis Control Unit	Receive Bands: 433.92 MHz, 134.2 kHz Category-2 Receiver Transmit Bands: 134.2 kHz Class 1 Transmitter Fixed Inductive Loop Coil Antenna	287 nW ERP	Pektron Alfreton Road, Derby, DE21 4AP UK
Keyless Control Unit	Receive Bands: 433.92 MHz, 134.2 kHz Category-2 Receiver Transmit Bands: 134.2 kHz Class 1 Transmitter Fixed Inductive Loop Coil Antenna	6.28 uW ERP	
Keyless Control Unit 2	Receive Bands: 433.92 MHz, 134.2 kHz Category-2 Receiver Transmit Bands: 134.2 kHz Class 1 Transmitter Fixed Inductive Loop Coil Antennas	3.01 uW ERP	
Keyless System Key Fob	Receive Bands: 134.2 kHz Category-2 Receiver Transmit Bands: 433.92 MHz, 134.2 kHz Class: N/A Antenna Type Fixed Antenna (PCB)	0.019 mW ERP	

Radio Equipment Device	Frequency Range	Maximum Transmit Power Level	Manufacturer
Immobiliser (Motorcycles with Key System)	Receive Bands: 433.92 MHz, 125 kHz Transmit Bands: 120.9 KHz to 131.3 KHz	5dBµA/m @ 10m	LDL Technology Parc Technologique Du Canal, 3 Rue Giotto,
Tyre Pressure Monitoring System (TPMS)	Receive Bands: None Transmit Bands: 433.97 MHz to 433.87 MHz	0.063 mW	31520 Ramonville Saint-Agne, France
Triumph Accessory Alarm System ECU	Receive Bands: 433.92 MHz Transmit Bands: None	N/A	
Triumph Accessory Alarm System Remote/Key Fob	Receive Bands: None Transmit Bands: 433.92 MHz	10 mW ERP	Scorpion Automotive Ltd Drumhead Road, Chorley North Business Park, Chorley, PR6 7DE UK
Accessory Alarm System ECU - Triumph Protect+	Receive Bands: 433.92 MHz Transmit Bands: None	N/A	
Accessory Alarm System Remote/Key Fob - Triumph Protect+	Receive Bands: None Transmit Bands: 433.92 MHz	1 mW ERP	
Instrument Panel	Receive and Transmit Bands: 2402 MHz to 2483.5 MHz	7.4 dBm	MTA SpA Viale dell'Industria, 12 26845 Codogno (LO) Italy
My Triumph Connectivity Unit	Receive and Transmit Bands: 2402 MHz to 2480 MHz	100 mW	C.O.B.O. S.p.A. via Tito Speri 10 25024 Leno (BS) Italy
Blind Spot Radar	Receive and Transmit Bands: 24.05 to 24.25 GHz	100mW (20 dBm) peak EIRP	ADC Automotive Distance Control Systems GmbH Peter-Dornier-Strasse 10, 88131 Lindau, Germany

## **European Radio Equipment Device Statement**

Operation of electrical devices fitted to this motorcycle is subject to the following two conditions:

- ▼ This device may not cause harmful interference.
- ▼ This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to the device could void the user's authority to operate the equipment.

### **Representative within the European Union**

#### **Address**

Triumph Motocicletas Espana S.L.  
C/Cabo Rufino Lazaro  
14 - E  
28232 - Las Rozas De Madrid  
Spain

## **Canadian Approval**

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Radio frequency radiation exposure information:

This equipment complies with radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

## Tyres

With reference to the Pneumatic Tyres and Tubes for Automotive Vehicles (Quality Control) Order, 2009, Cl. No. 3 (c), it is declared by M/s. Triumph Motorcycles Ltd. that the tyres fitted on this motorcycle meet the requirements of IS 15627: 2005 and comply with the requirements under Central Motor Vehicle Rules (CMVR), 1989.