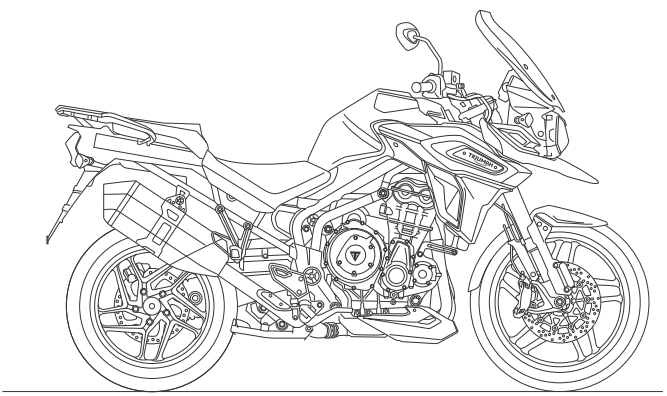
Owner's Handbook

Tiger 1200 XR, Tiger XRx, Tiger XRx-LRH, Tiger XCx, Tiger XRt and Tiger XCa



This handbook contains information on the Triumph Tiger 1200 XR, Tiger XRx, Tiger XRx-LRH, Tiger XCx, Tiger XRt and Tiger XCa 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.

Publication part number 3855518-US issue 1

TABLE OF CONTENTS

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.

FOREWORD

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.

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

See page **14** for the location of all labels bearing this symbol. 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 authorized Triumph dealer.

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

To locate your nearest Triumph dealer, visit the Triumph website at www.triumph.co.uk or telephone Triumph Motorcycles America Limited on (678) 854 2010.

Off-Road Use

All models are designed for on-road and light off-road use. Light off-road use includes use on unpaved, dirt or gravel roads, but does not include riding on any motocross course, any off-road competition (such as motocross or enduro riding), or riding off-road with a passenger.

Light off-road use does not include jumping the motorcycle or riding over obstacles. Do not attempt to jump over any bumps or obstacles. Do not attempt to ride over any obstacles.

Noise Control System

Tampering with the noise control system is prohibited.

Owners are warned that the law may prohibit:

1. 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,
2. the use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.

Immobilizer and Tire Pressure Monitoring System

This device complies with part 15 of the Federal Communications Commission (FCC) Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. 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.

Tires

With reference to the Pneumatic Tires and Tubes for Automotive Vehicles (Quality Control) Order, 2009, Cl. No. 3 (c), it is declared by M/s. Triumph Motorcycles Ltd. that the tires mounted on this motorcycle meet the requirements of IS 15627: 2005 and comply with the requirements under Central Motor Vehicle Rules (CMVR), 1989.

Tiger 1200 XRx-LRH (Low Ride Height) Models

Unless stated otherwise, information, instructions, and specifications for Tiger 1200 XRx-LRH models are identical to those detailed in this Owner's Handbook for the Tiger 1200 XRx standard ride height models.

Note:

- **The Tiger 1200 XRx-LRH models cannot be equipped with a center stand.**

Owner's Handbook

Warning

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

All riders must read this Owner's Handbook and all other instructions which are supplied with your motorcycle, before riding, in order to become thoroughly familiar with the correct operation of your motorcycle's 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 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 a safety course approved by the Motorcycle Safety Foundation to ensure safe operation of this motorcycle. Information about the nearest Motorcycle Safety Foundation course to you can be obtained by calling the following nationwide toll free number: 800-447-4700, or by writing to the Motorcycle Safety Foundation at: 2, Jenner Street, Irvine, California 92718. To ensure a long and trouble free life for your motorcycle, maintenance should be carried out as described in this manual by an authorized Triumph dealer.

This handbook is available from your local dealer in:

- English
- US English
- French
- German
- Italian
- Dutch
- Spanish
- Portuguese
- Swedish
- Japanese
- Thai.

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 authorized 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.

SAFETY FIRST

The Motorcycle

Warning

All models are designed for on-road use and light off-road use. Light off-road use includes use on unpaved, dirt or gravel roads, but does not include riding on any motocross course, any off-road competition (such as motocross or enduro riding), or riding off-road with a passenger.

Light off-road use does not include jumping the motorcycle or riding over obstacles. Do not attempt to jump over any bumps or obstacles. Do not attempt to ride over any obstacles.

Extreme off-road use could lead to loss of motorcycle control and an accident.

Warning

Tiger 1200 XRx-LRH (Low Ride Height) Model

The Tiger 1200 XRx-LRH motorcycles are equipped with lowered suspension and have reduced ground clearance.

As a result, the cornering bank angles that can be achieved by the Tiger 1200 XRx-LRH are reduced, when compared with the standard ride height Tiger 1200 XRx.

When riding, keep in mind that your motorcycle's ground clearance is limited. Operate your motorcycle in an area free from traffic to gain familiarity with the motorcycle's ground clearance and bank angle limitations.

Banking to an unsafe angle or unexpected contact with the ground may cause instability, loss of motorcycle control and an accident.

Warning

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

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

Warning

This motorcycle is designed for use as a two-wheeled vehicle capable of carrying a rider on their own, or a rider and one passenger.

The total weight of the rider, and any passenger, accessories and luggage must not exceed the maximum load limit of:

Tiger 1200 XR - 507 lb (230 kg)

Tiger 1200 XRx - 502 lb (228 kg)

Tiger 1200 XRx-LRH - 507 lb (230 kg)

Tiger 1200 XRT - 502 lb (228 kg)

Tiger 1200 XCx - 491 lb (223 kg)

Tiger 1200 XCA - 493 lb (224 kg).

Warning

This motorcycle is equipped with a catalytic converter below the engine, which along with the exhaust system reaches 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 that flammable materials are not allowed to contact the exhaust system or catalytic converter.

Fuel and Exhaust Fumes

Warning

GASOLINE IS HIGHLY FLAMMABLE:

Always turn off the engine when refueling.

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 gasoline on the engine, exhaust pipes or mufflers when refueling.

If gasoline 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 gasoline should immediately be removed.

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

Warning

Never start your engine or let it run for any length of time in a closed area.

The exhaust fumes are poisonous and may cause loss of consciousness and death within a short time.

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

Helmet and Clothing

Warning

When riding the motorcycle, both rider and passenger must always wear a motorcycle helmet, eye protection, gloves, boots, trousers (close fitting around the knee and ankle) and a brightly colored jacket. Brightly colored 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 colored 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.

When choosing a helmet, always look for a DOT (Department of Transport) sticker indicating that the helmet has DOT approval. Do not buy a helmet without DOT approval.

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 licensed to operate the motorcycle. Operation of the motorcycle without a license is illegal and could lead to prosecution.

Operation of the motorcycle without formal training in the correct riding techniques that are necessary to become licensed 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 traveled. 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.

Warning

Ensure that you know and respect the rules of the road. Read and observe publications such as 'MOTORCYCLE SAFETY', 'YOU AND YOUR MOTORCYCLE, RIDING TIPS' and also read and become familiar with the contents of the MOTORCYCLE HANDBOOK for your state.

Caution

This Triumph motorcycle is not equipped with spark arresters. Operation in forests, brush or grass areas may violate state and local laws and regulations.

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.

Handlebars and Footrests

Warning

The rider must maintain control of the vehicle 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 must always use the footrests provided, during operation of the vehicle.

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.

Parking

Warning

Always switch off the engine and never leave any keys with the motorcycle before leaving it unattended. By removing any keys, the risk of use of the motorcycle by unauthorized 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.

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 installed to the motorcycle by an authorized dealer.

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

The installation 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 installation of non-approved parts, accessories or conversions or the installation of any approved parts, accessories or conversions by non-approved personnel.

Maintenance/Equipment

Warning

Consult your authorized 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

Ensure all equipment that is required by law is installed and functioning correctly. The removal or alteration of the motorcycle's lights, mufflers, 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

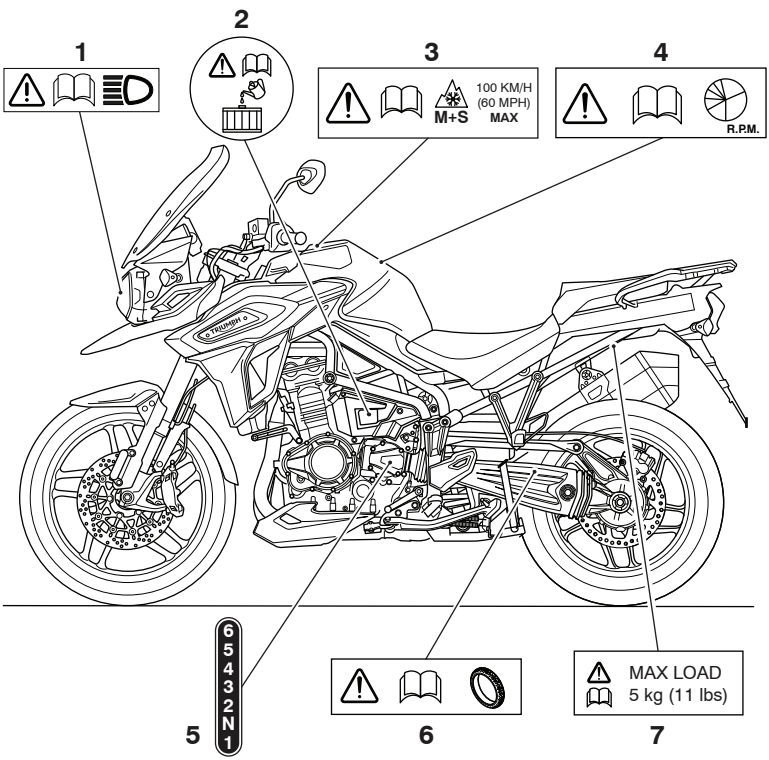
If the motorcycle is involved in an accident, collision or fall, it must be taken to an authorized Triumph dealer for inspection and repair. Any accident can cause damage to the motorcycle that, if not correctly repaired, may cause a second accident that may result in injury or death.

WARNING LABELS

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

For illustration purposes, the Tiger 1200 XR motorcycle is shown.

Warning Label Locations

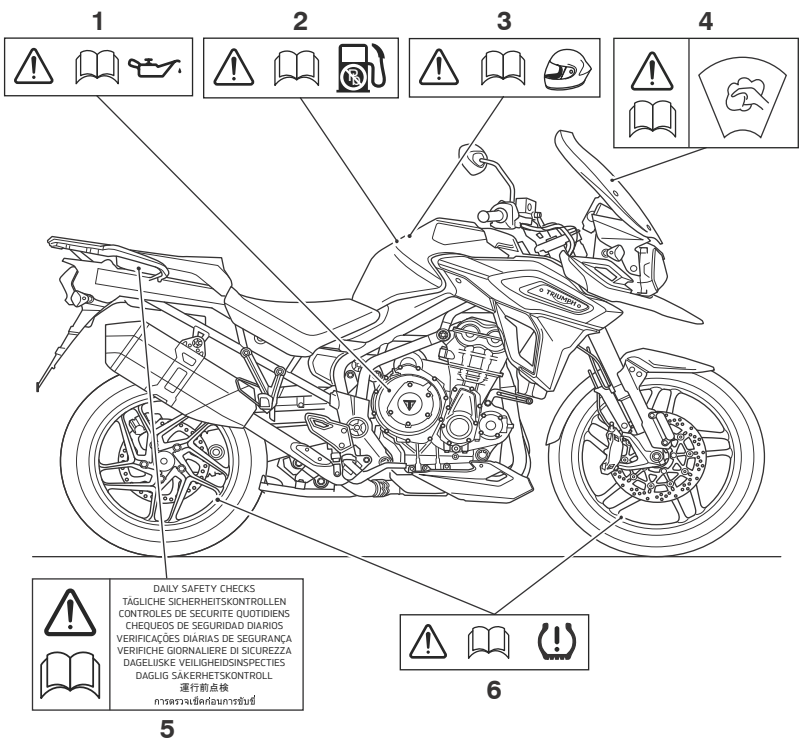


1. Headlight (page 201)
2. Coolant (page 172)
3. Snow and Mud Tires (page 217)
4. Breaking-In (page 136)
5. Gear Position (page 145)
6. Tires (page 188)
7. Panniers (if equipped) (page 129)

Caution

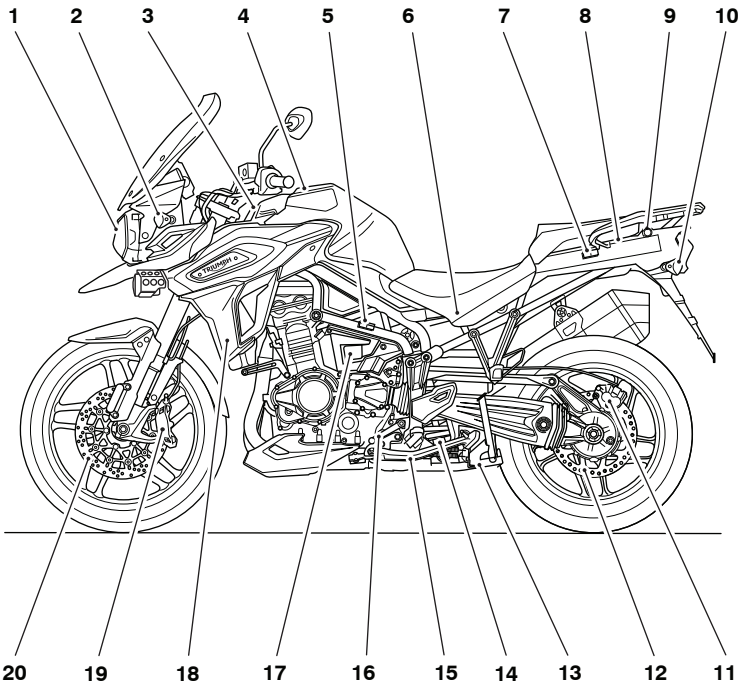
All warning labels and decals, with the exception of the Breaking-in label, are mounted on the motorcycle using a strong adhesive. In some cases, labels are installed prior to an application of paint lacquer.

Therefore, any attempt to remove the warning labels will cause damage to the paintwork or body work.



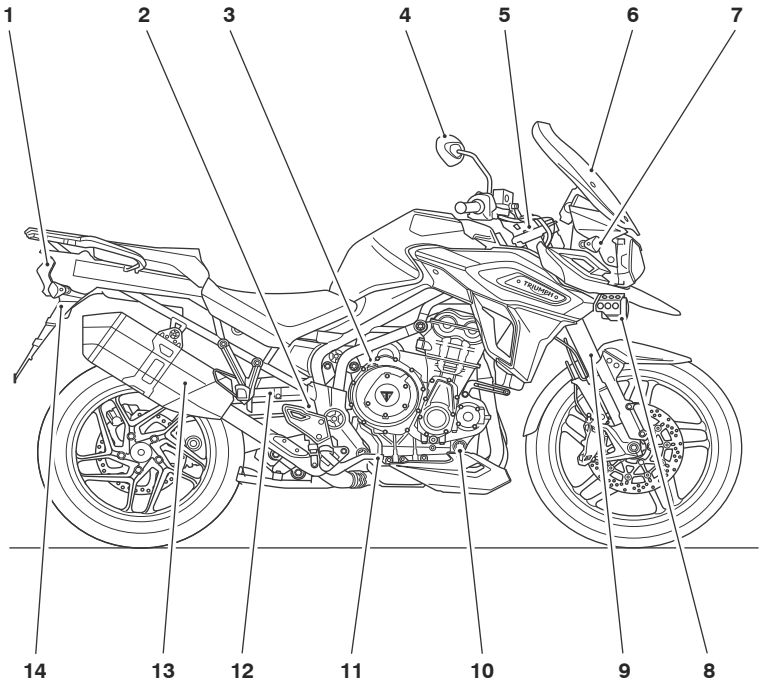
1. **Engine Oil (page 169)**
2. **Unleaded Fuel (page 115)**
3. **Helmet (page 9)**
4. **Windshield (page 118)**
5. **Daily Safety Checks (page 137)**
6. **Tire Pressure Monitoring System (TPMS) (if equipped) (page 111)**

PARTS IDENTIFICATION



1. Headlight
2. Front turn signal
3. Electrical accessory socket
4. Fuel tank and fuel filler cap
5. Rider's heated seat switch (Tiger 1200 XR only)
6. Battery and fuse boxes (under the seat)
7. Passenger's heated seat switch (if equipped)
8. USB socket (under the seat)
9. Electrical accessory socket (if equipped)
10. Rear turn signal
11. Rear brake caliper
12. Rear brake disc
13. Center stand (if equipped)
14. Rear suspension damping adjuster (Tiger 1200 XR only)
15. Side stand
16. Gear shift pedal
17. Coolant expansion tank
18. Radiator cowl
19. Front brake caliper
20. Front brake disc

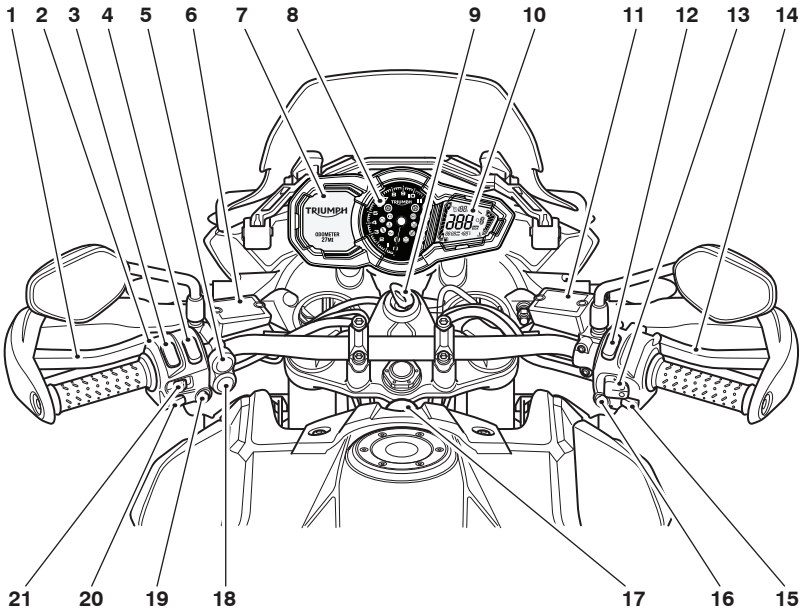
Parts Identification (Continued)



1. Brake/tail light
2. Rear brake fluid reservoir
3. Oil filler cap
4. Mirror
5. Front suspension damping adjusters (Tiger 1200 XR only)
6. Windshield
7. Headlight adjuster
8. Front fog lights (if equipped)
9. Front fork
10. Engine oil level sight glass
11. Rear brake pedal
12. Rear suspension spring preload adjuster (model specific)
13. Muffler
14. Seat lock

Rider View Parts Identification

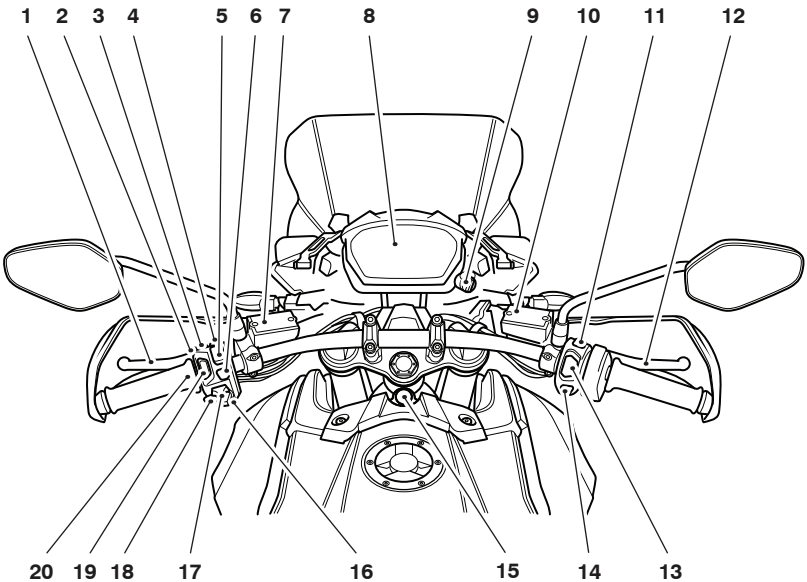
Tiger 1200 XR Only



1. Clutch lever
2. Instrument select button
3. Headlight dimmer switch
4. Instrument scroll button
5. Fog lights switch (if equipped)
6. Clutch fluid reservoir
7. Multifunction display screen
8. Tachometer
9. Ignition switch
10. Motorcycle status display screen
11. Front brake fluid reservoir
12. Engine stop switch
13. Cruise control adjust button
14. Front brake lever
15. Starter button
16. Hazard warning lights button
17. Electrical accessory socket
18. Heated grips switch (if equipped)
19. Mode button
20. Horn button
21. Turn signal switch

Rider View Parts Identification

All Models except Tiger 1200 XR

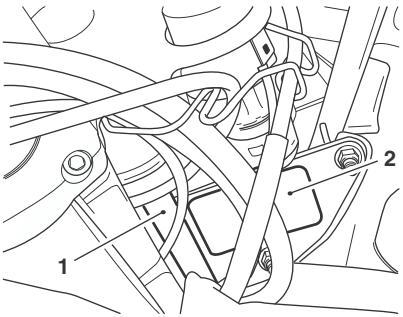


ckcx

1. Clutch lever
2. Headlight dimmer switch
3. Heated seats switch (if equipped)
4. Front fog lights switch (if equipped)
5. Cruise control adjust switch
6. MODE button
7. Clutch fluid reservoir
8. Multifunction display screen
9. Master ignition switch (if equipped)
10. Front brake fluid reservoir
11. Hazard warning lights switch
12. Front brake lever
13. Engine start/stop switch
14. HOME button
15. Joystick button
16. Electrical accessory socket
17. Turn signal switch
18. Horn button
19. Daytime Running Lights (DRL) switch (if equipped)
20. Heated grips switch (if equipped)

SERIAL NUMBERS

Vehicle Identification Number (VIN)

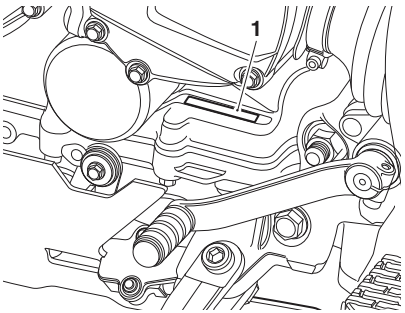


1. **VIN number**
2. **Label**

The Vehicle Identification Number (VIN) is stamped into the steering head area of the frame. In addition, It is displayed on a label which is mounted on the right hand side of the front subframe.

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, immediately below the gearbox.

Record the engine serial number in the space provided below.

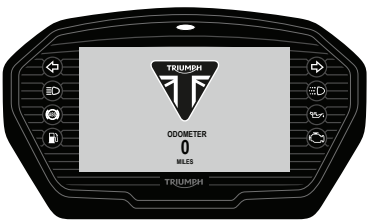
INSTRUMENTS

Instrument Displays Overview

There are two types of instrument displays mounted to specific motorcycles models.

All Models except Tiger 1200 XR

All models except for Tiger 1200 XR are equipped with a full color Thin Film Transistor (TFT) digital instrument display.

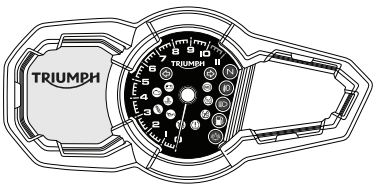


Thin Film Transistor (TFT) Instrument Display

For more information on the TFT instrument display and its operation, see page **22**.

Tiger 1200 XR Models Only

Only Tiger 1200 XR models are equipped with a Liquid Crystal Display (LCD) instrument display.



Liquid Crystal Display (LCD) Instrument Display

For more information on the LCD instrument display and its operation, see page **57**.

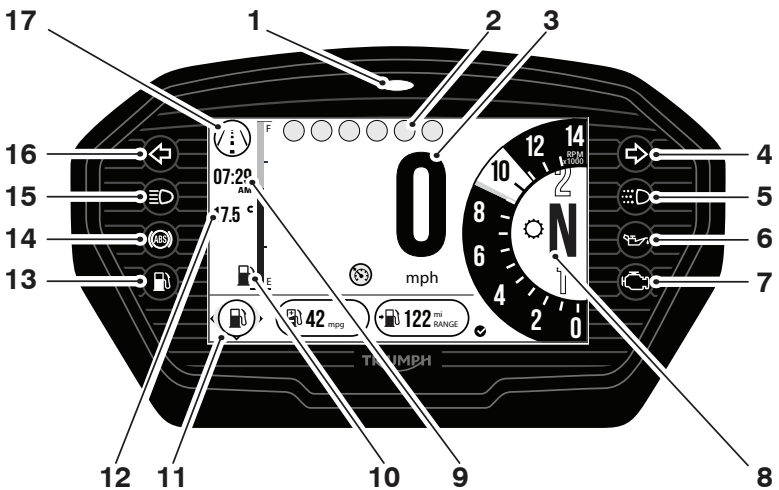
Instruments

Thin Film Transistor (TFT) Instrument Display

Table of Contents

Instrument Panel Layout

The TFT instrument display is mounted to all models except Tiger 1200 XR. Not all instrument features are available on all models.



1. Alarm/immobilizer status indicator light (alarm is an accessory kit)
2. Warning lights
3. Speedometer
4. Right hand turn signal
5. Daytime Running Light (DRL) (if equipped)
6. Oil pressure warning light
7. Engine management Malfunction Indicator Light (MIL)
8. Gear position symbol
9. Clock
10. Fuel gage
11. Information tray
12. Ambient air temperature
13. Fuel level low warning light
14. ABS warning light
15. High beam warning light
16. Left hand turn signal
17. Current riding mode

TFT 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 via joystick.
	Information Tray - up/down scroll via joystick.
	Option available within the Information Tray - scroll via joystick up/down.
	Short press (press and release) via joystick center.
	Long press (press and hold) via joystick center.
	Reset current feature, (only available with joystick long press).

TFT Themes and Styles

There is the option to change the style of the instrument display.

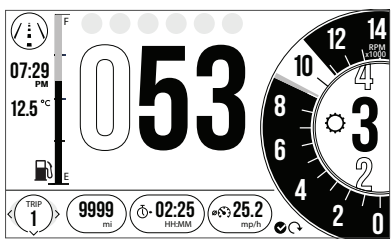
Depending on the motorcycle model, there are either one or two themes. Each theme has three different styles to select from.

To select a theme or style, see page **51**.

Styles can also be selected through the Style Options tray, see page **41**.

Theme 1, Style 1 is used for visual recognition throughout this Owner's Handbook.

Theme 1



Theme 1 Style 1

Warning Lights

Note:

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

For additional warning and information messages, see page **37**.

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 MIL becomes illuminated when the engine is running, this indicates that a fault has occurred in one or more of the systems controlled by the engine management system. In such circumstances, the engine management system will switch to 'limp-home' mode so that the journey may be completed, if the fault is not so severe that the engine will not run.

Warning

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

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

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

Note:

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

Low Oil Pressure Warning Light

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

Caution

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

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

Note:

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

Immobilizer/Alarm Indicator Light

This Triumph motorcycle is equipped with an engine immobilizer which is activated when the ignition is switched off.

Not Equipped With Alarm

When the ignition is switched off, the immobilizer light will flash on and off for 24 hours to show that the engine immobilizer is on. When the ignition is switched on, the immobilizer and the indicator light will be off.

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

Equipped With Alarm

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

ABS (Anti-Lock Brake System) Warning Light

When the ignition is switched on, 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, or the ABS is switched off - the warning light will remain illuminated.

If the warning light becomes illuminated at any other 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 authorized 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.

For details on how to select different ABS settings, see page **33**.

Traction Control (TC) Indicator Light

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

Warning

If the traction control is not functioning, care must be taken when accelerating and cornering on wet/slippery road surfaces to avoid rear wheel spin. Do not continue to ride for longer than is necessary with the Engine Management System Malfunction Indicator Light (MIL) and traction control warning lights illuminated. Contact an authorized 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.

TC Indicator Light Operation:

TC Switched On:

- Under normal riding conditions the indicator light will remain off.
- The 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.

TC Switched Off:

The indicator light will not illuminate. Instead the TC disabled warning light will be illuminated (see page **27**).

Note:

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

Traction Control (TC) Disabled Warning Light

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

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

Cruise Control Light

The cruise control can only be activated when the motorcycle is traveling at a speed between 19 to 100 mph (30 to 160 km/h) and is in 3rd gear or higher. When activated, the cruise control light will be illuminated (see page **104**).

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.

Triumph Semi Active Suspension (TSAS) Warning Light

When the ignition is switched on the warning light will illuminate for 1.5 seconds and then go out.

The warning light has two modes:

Calibration

The TSAS system will recalibrate adjustment motors under the following conditions:

- If the battery has been disconnected for any reason.
- If a fault occurs with the TSAS system during normal operation.

The warning light will flash twice every second during system recalibration, and a message will be shown in the display.

During recalibration the motorcycle must remain stationary. Riding the motorcycle will cause the recalibration to be stopped and the warning light to remain lit.

Fault

If the warning light illuminates continuously or at any other time it indicates one of the following:

- A system recalibration has been interrupted. Allow the system to recalibrate.
- A fault has occurred with the system that requires investigation. Warning messages will be shown in the display. Allow the system to recalibrate. If the fault is still present after recalibration, contact an authorized Triumph dealer as soon as possible to have the fault checked and rectified.

Full details of the Triumph Semi Active Suspension (TSAS) system and the system calibration are described starting on page **108**.

Turn Signals

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

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.

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.

Note:

- **If daytime running lights are installed on the motorcycle, the high beam button has additional functionality.**

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.

Note:

- **A lighting on/off switch is not installed on this model. The brake/ tail light and license plate light all function automatically when the ignition is turned to the ON position.**
- **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.**

Daytime Running Lights (DRL)

When the ignition is switched ON and the daytime running lights switch is set to DAYTIME RUNNING LIGHTS, the daytime running lights warning light will illuminate.

The daytime running lights and low beam headlights are operated manually using a switch on the left hand switch housing, see page **97**.

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 blind other road users.

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

Note:

- **During daylight hours the Daytime Running Lights improve the motorcycles visibility to other road users.**
- **Low beam headlights must be used in any other conditions unless the road conditions allow for high beam headlights to be used.**

Low Fuel Warning Light

The low fuel warning light will illuminate when there is approximately 1.0 gallon (3.5 liters) of fuel remaining in the tank.

Tire Pressure Monitoring System (TPMS) Warning Light (if equipped)

Warning

Stop the motorcycle if the Tire Pressure Monitoring System (TPMS) warning light illuminates red.

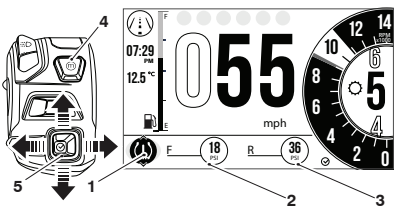
Do not ride the motorcycle until the tires have been checked and the tire pressures are at their recommended pressure when cold.

Note:

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

The TPMS warning light will only illuminate red when the front or rear tire pressure is below the recommended pressure, or no signal is received. It will not illuminate if the tire is over inflated. For more information, see page **111**.

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



1. **TPMS light**
2. **Front tire indicator**
3. **Rear tire indicator**
4. **Mode button**
5. **Joystick control**

The tire pressure at which the warning light illuminates is temperature compensated to 68°F (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 tire pressure when the warning light is on, a low tire pressure is indicated and a puncture is the most likely cause.

Speedometer and Odometer

The speedometer indicates the road speed of the motorcycle.

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

Tachometer

Caution

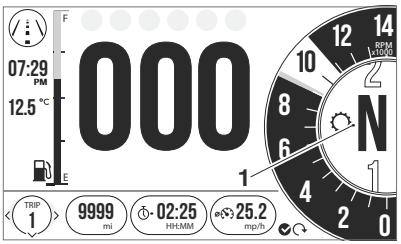
Never allow engine speed to enter the red zone as severe engine damage may result.

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.

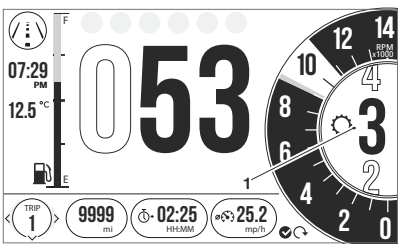
Engine speeds in the red zone are above maximum recommended engine speed and are also above the range for best performance.

Gear Position Display

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



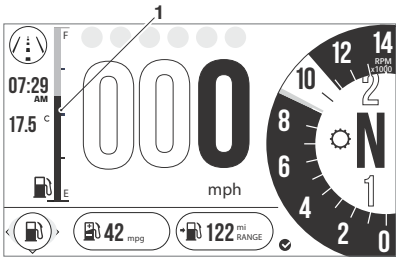
1. **Gear position display (neutral position shown)**



1. **Gear position display (third gear shown)**

Fuel Gage

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



1. **Fuel gage**

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

Note:

- **The fuel gage colors may vary depending on the theme or style chosen.**

The gage markings indicate intermediate fuel levels between E (empty) and F (full).

The low fuel warning light will illuminate when approximately 1.0 gallon (3.5 liters) 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 center to acknowledge and hide the low fuel warning.

After refueling, the fuel gage 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.

Service Interval Announcement

The service interval announcement shows the total distance or time that the motorcycle has remaining before a service is required. When the remaining distance is 0 miles (0 km), or the remaining time is 0 days, the service symbol will remain on until the service has been carried out and the system has been reset by your authorized Triumph dealer.

If the service is overdue then OVERDUE will be shown and the service symbol will be shown in the information tray.

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

The distance to the next service or OVERDUE message will also be shown on the instrument start up screen when the ignition is turned on.

The service symbol will also be shown if a fault has occurred and the ABS and/or MIL warning lights are illuminated. Contact an authorized Triumph dealer as soon as possible to have the fault checked and rectified.

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.

To change the temperature from °C or °F see page **53**.

Frost Symbol

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

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

An alert will also be displayed in the information tray.

Warning

Black ice (sometimes called clear ice) can form at temperatures several degrees above freezing (32°F (0°C)), 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.

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 and joystick located on the left hand switch housing, while the motorcycle is stationary or moving, see page **34**.

Up to six riding modes are available depending on your model's specification. If a riding mode is edited (other than the RIDER mode), the icon will change as shown below.

Default Icon	Rider Edited Icon	Description
	-	RIDER
		RAIN
		ROAD
		SPORT
		OFF-ROAD
		OFF-ROAD PRO

Each riding mode is adjustable. For more information, see page **44**.

Availability of the ABS, MAP and TC setting options vary between models.

Riding Mode Selection

Warning

The selection of riding modes while 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 while 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 while the motorcycle is in motion MUST NOT be attempted:

- At high speeds
- While 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 may lead to loss of motorcycle control and an accident.

Warning

If ABS and/or traction control (TC) has been disabled in the Main Menu as described on, page **48** for ABS and/or page **48** for TC settings saved for all riding modes will be overridden.

ABS and/or TC will remain off regardless of your riding mode selection until they have been re-enabled or, the ignition has been switched off then on again, or the MODE button is held in to return to the default ROAD mode (which enables ABS and/or TC when the motorcycle is next stationary).

If the ABS is disabled, the brake system will function as a non-ABS equipped braking system. In this situation braking too hard will cause the wheels to lock, and may result in loss of motorcycle control and an accident.

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

Warning

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

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

Note:

- **The riding mode will default to ROAD when the ignition is switched ON, if the OFF-ROAD or RIDER mode was active the last time the ignition was switched OFF with ABS or TC set to OFF-ROAD or OFF in either of those modes.**
- **Otherwise, the last selected riding mode will be remembered and activated when the ignition is switched ON.**
- **If the mode icons are not visible when the ignition switch is in the ON position, make sure that the engine stop switch is in the RUN position.**

Note:

- **If the battery is disconnected, then the RIDER mode settings will default back to the original factory settings.**

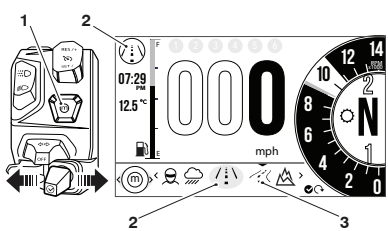
The current riding mode is shown in the upper left of the display screen.

To select a riding mode:

- Press and release the MODE button on the left hand switch housing to activate the riding mode selection tray at the bottom of the display screen.
- The currently active riding mode icon is highlighted with a blue background.

To change the selected riding mode:

- Either push the joystick left or right, or repeatedly press the MODE button until the required mode is in the center of the display screen, highlighted with an arrow above it.
- A brief press of the joystick center will select the required riding mode, and the icon in the upper left of the display screen will change.



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

- Push the joystick left/right or press the MODE button to scroll through the riding mode options in the following order:
  - RIDER
  - RAIN
  - ROAD
  - SPORT
  - OFF-ROAD
  - OFF-ROAD PRO.

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
- Pull the clutch in
- Make sure that the brakes are not engaged (allow the motorcycle to coast).

Note:

- **It is not possible to switch into or out of OFF_ROAD or RIDER modes while the motorcycle is in motion, if the ABS or TC settings are set to OFF-ROAD or OFF in either of those modes.**
- **In this case, the motorcycle must be brought to a stop before the riding mode change can take place.**

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

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

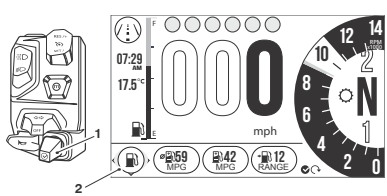
• In traffic free areas

• 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 at the bottom of the display screen and allows easy access to different motorcycle status information.



1. **Joystick control**
2. **Information tray**

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

Note:

- **To access the information tray, the warning messages must first be acknowledged, see page 37.**

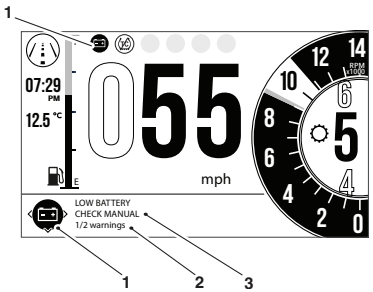
The information tray contains the following information tray items:

- Warnings and Information Messages, see page **37**
- Fuel Information, see page **38**
- Tire Pressure Monitoring System (TPMS) (if equipped), see page **39**
- Odometer, see page **39**
- Service Interval Announcement, see page **39**
- Screen Contrast, see page **41**
- Style Options, see page **41**
- Coolant Temperature, see page **41**
- Screen Adjustment Height, see page **42**
- Triumph Semi Active Suspension (TSAS), see page **40**
- Trip Meter, see page **38**

Different information tray items can be shown or hidden from the information tray. For further information, refer to page **52**.

Warnings

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



1. **Low battery warning**
2. **Warning counter**
3. **Warning description**

To view the warnings:

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

Trip Meter

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

Trip Meter Information Tray

To view a specific trip meter:

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

Note:

- **TRIP 2 meter can be shown or hidden from the information tray. For more information, see page 50.**

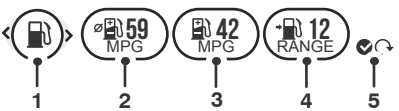
To reset a trip meter:

- Select the trip meter to be reset.
- Press and hold the joystick center 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 **49**.

Fuel Status Information

The Fuel Status information tray shows fuel consumption information.



1. **Fuel information light**
2. **Average fuel consumption**
3. **Instantaneous fuel consumption**
4. **Range to empty**
5. **Reset**

Fuel Information Light

This light illuminates when the fuel level warning light is activated.

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.

Instantaneous Fuel Consumption

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

Range to Empty

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

Reset

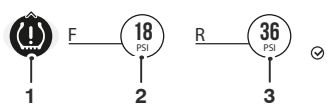
To reset the average fuel consumption, press and hold the joystick center.

Note:

- **After refueling, the fuel gage 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.**

Tire Pressure Monitoring System (TPMS) (if equipped)

The Tire Pressure Monitoring System (TPMS) information tray item shows the front and rear tire pressures and the TPMS warning light. For more information on TPMS, see page **111**.



1. **TPMS warning light**
2. **Front tire pressure display**
3. **Rear tire pressure display**

TPMS Warning Light

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

Warning

Stop the motorcycle if the Tire Pressure Monitoring System (TPMS) warning light illuminates.

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

Front Tire Pressure Display

This shows the current front tire pressure.

Rear Tire Pressure Display

This shows the current rear tire pressure.

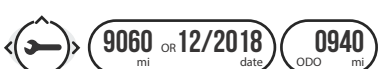
Odometer

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

Odometer Information Tray

Service Interval Announcement

The Service Interval Announcement information tray shows the service symbol, the distance/days remaining before the next service and the current odometer reading.



Service Interval Announcement Information Tray

For more information on service interval announcements, see page **32**.

Triumph Semi Active Suspension (TSAS)

The Triumph Semi Active Suspension (TSAS) information tray item allows adjustment of the TSAS settings.

TSAS Information Tray (Showing SPORT Selected)

To adjust the TSAS settings:

- Push the joystick left/right to scroll through the options until the TSAS settings display is shown.
- Push the joystick center to activate the TSAS adjustment mode.

Note:

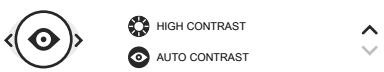
- **If the riding modes link is disabled, changes made to the TSAS damping settings will remain active until further adjustment takes place, regardless of riding mode selection.**
- **If the riding modes link is enabled, any adjustments made to the TSAS damping settings will be saved to the currently active riding mode. The new TSAS settings will be automatically recalled whenever the riding mode is reselected. The riding mode's previous TSAS settings will be overwritten.**
- **If the riding modes link is enabled and a new riding mode is selected, the new riding mode's TSAS settings will automatically become active.**

- TSAS has nine damping settings ranging from COMFORT (soft) to SPORT (firm).
- Press and release the joystick center allows individual selection of each of the nine settings.
- Press and hold the joystick control allows direct selection of the preset COMFORT, NORMAL and SPORT settings.
- There is a short time-out period to allow for further scrolling to take place. After the time-out period has elapsed, the selected damping setting will be automatically activated and the display will return to the home screen. Alternatively, press the joystick center to confirm the setting and return to the home screen.

For more information on Triumph Semi Active Suspension (TSAS), see page **108**.

Screen Contrast

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



Screen Contrast Information Tray

There are two options available:

- HIGH CONTRAST - This option locks the display screen to the white background version of each display screen style for maximum visibility.
- AUTO CONTRAST - 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 that the instruments can be viewed at all times.

To select an option:

- Push the joystick down/up to select either the HIGH CONTRAST or AUTO CONTRAST option and press the joystick center to confirm.

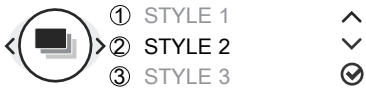
If the rider defined brightness setting is suitable this will be used, see page **52**.

Note:

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

Style Options

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



Style Options Information Tray (Style 2 Selected)

To change the display screen style:

- Push the joystick down/up to select the required style and then press the joystick center to confirm.

Coolant Temperature

The Coolant Temperature information tray item indicates the temperature of the engine coolant.

Coolant Temperature Information Tray

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 range is between 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 gage will be shown in the information tray.

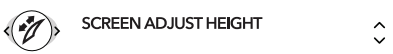
Caution

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.

Windshield Adjustment

The Windshield Adjustment information tray option allows the windshield height to be adjusted to an optimum setting.



Windshield Adjustment Mode

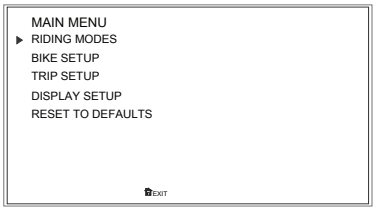
To adjust the windshield height:

- Push the joystick left/right until the windshield adjust option is highlighted.
- Push the joystick up/down to adjust the windshield to the required height.
- Push the joystick left/right to access another tray item.

Main Menu

To access the Main menu:

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



Main Menu Screen

The Main menu allows access to the following options:

Riding Modes

This menu allows configuration of the riding modes. For more information, see page **44**.

Bike Set Up

This menu allows configuration of the following different features of the motorcycle. For more information, see page **45**.

Trip Set Up

This menu allows configuration of Trip 1 and Trip 2. For more information, see page **49**.

Display Set Up

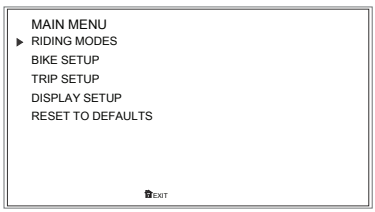
This menu allows configuration of the display options. For more information, see page **51**.

Reset to Defaults

This menu allows all instrument settings to be returned to the default setting. For more information, see page **55**.

Riding Modes Menu

The Riding Modes menu allows configuration of the riding modes.



To access the Riding Modes menu:

- Press the HOME button to display the Main menu.
- Push the joystick down and then press the joystick center to select RIDING MODES.

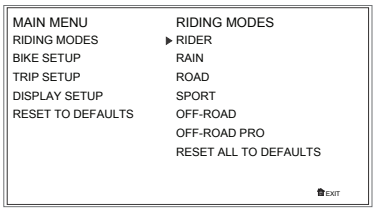
The following model specific options are available:

- Rider
- Rain
- Road
- Sport
- Off-Road
- Off-Road Pro
- Reset To Defaults.

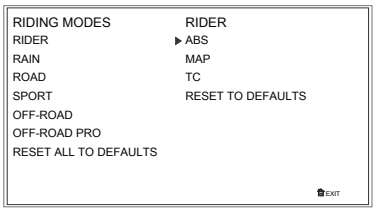
Riding Modes

To change the riding modes settings:

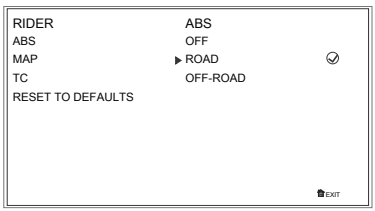
- From the Riding Modes menu, push the joystick down/up to select a specific riding mode and press the joystick center to confirm.



- Push the joystick down/up until the required setting option is selected and press the joystick center to confirm.



- Push the joystick down/up until the required option is selected and press the joystick center to confirm.



Riding Mode Configuration

Refer to the following table for the ABS, MAP and TC options available for each riding mode.

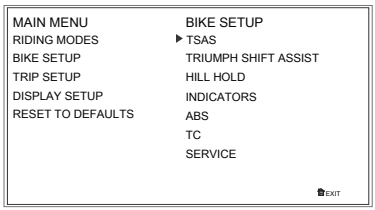
Riding Mode						
	RIDER	**RAIN**	**ROAD**	**SPORT**	**OFF-ROAD**	**OFF-ROAD PRO**
ABS (Anti-lock Braking System)						
Road	●	●	●	●	⊘	
Off-Road[1]	○	⊘	⊘	⊘	●	○
Off	○	Via Menu	Via Menu	Via Menu	○	●
MAP (Throttle Response)						
Rain	○	●	○	⊘	○	○
Road	●	○	●	○	○	○
Sport[1]	○	⊘	○	●	○	○
Off-Road[1]	○	⊘	⊘	⊘	●	●
TC (Traction Control)						
Rain	○	●	○	⊘	⊘	⊘
Road	●	○	●	○	⊘	⊘
Sport[1]	○	⊘	○	●	○	⊘
Off-Road[1]	○	⊘	⊘	⊘	●	○
Off	○	Via Menu	Via Menu	Via Menu	○	●

[1] Model Specific

Key		
●		Standard (Factory Default Setting)
○		Selectable Option
⊘		Option Not Available

Bike Set Up Menu

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



To access the Bike Set Up menu:

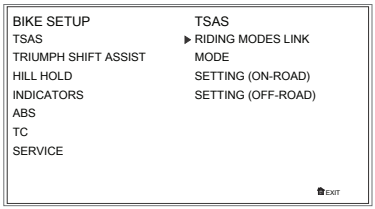
- Press the HOME button to display the Main menu.
- Push the joystick down and then press the joystick center to select BIKE SET UP.

The options available are:

- Triumph Semi Active Suspension (TSAS)
- Triumph Shift Assist
- Hill Hold
- Turn Signals
- Anti-Lock Braking System (ABS)
- Traction Control (TC)
- Service.

Bike Set Up - TSAS

The Triumph Semi-Active Suspension System (TSAS) controls adjustment of the front and rear suspension damping and automatic rear suspension preload settings. For more information on TSAS, see page **108**.



Riding Modes Link

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

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

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

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

To disable or enable the TSAS riding modes link:

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

Mode

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

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

Setting On-Road

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

Setting Off-Road

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

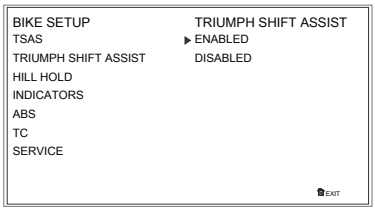
Bike Set Up - Triumph Shift Assist (if equipped)

Triumph Shift Assist triggers a momentary engine cut to allow gears to engage, without closure of the throttle or operation of the clutch. This feature works for both up-shifts and down-shifts of gear.

The clutch must be used for stopping and pulling away.

Triumph Shift Assist will not operate if the clutch is applied or if an up-shift 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 shift.

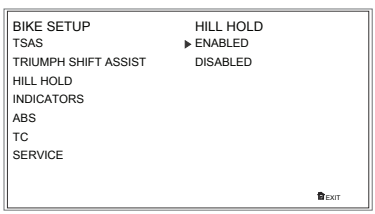


To enable/disable Triumph Shift Assist:

- From the Bike Set Up menu, push the joystick down to select TRIUMPH SHIFT ASSIST and press the joystick to confirm.
- Push the joystick down/up to scroll between ENABLED and DISABLED.
- Press the joystick center to confirm the required selection.
- The display will then return to the BIKE SET UP menu.

Bike Set Up - Hill Hold Control (if equipped)

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



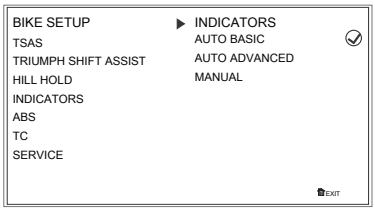
To enable/disable hill hold control:

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

For more information on hill hold control, see page **152**.

Bike Set Up - Turn Signals

The turn signals can be set to Auto Basic, Auto Advanced or Manual mode.



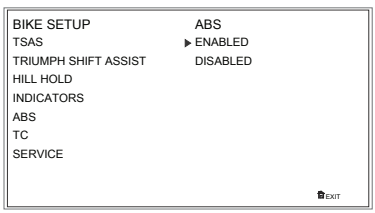
Selecting a Turn Signals Mode

To select the required turn signals mode:

- From the Bike Set Up menu, push the joystick down to select INDICATORS and press the joystick center to confirm.
- Push the joystick down/up to scroll between AUTO BASIC, AUTO ADVANCED and MANUAL.
  - **Auto Basic** - The self-canceling function is on. The turn signals will activate for eight seconds and an additional 213 ft. (65 meters).
  - **Auto Advanced** - The self-canceling function is on. A quick short press activates the turn signals for three flashes. A longer press activates the turn signals for eight seconds and an additional 213 ft. (65 meters).
  - **Manual** - The self-canceling function is off. The turn signals must be manually canceled using the turn signal switch.
- Press the joystick center to confirm the required selection.
- The display will then return to the Bike Set Up menu.

Bike Set Up - ABS

It is possible to temporarily disable the ABS. The ABS cannot be permanently disabled, it will be automatically enabled when the ignition is turned off and then on again, or if the default riding mode is activated by a long press of the MODE button.

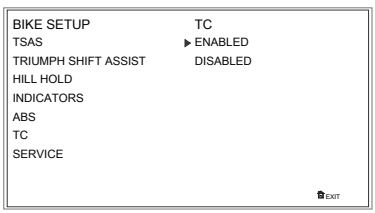


To select the required option:

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

Bike Set Up - Traction Control (TC)

It is possible to temporarily disable the traction control system. The traction control cannot be permanently disabled, it will be automatically enabled when the ignition is turned off and then on again, or if the default riding mode is activated by a long press of the MODE button.



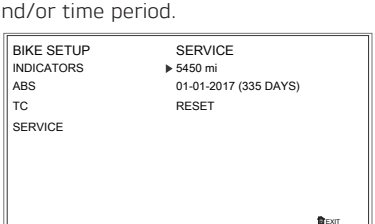
To select the required option:

- From the Bike Set Up menu, push the joystick down to select TC and press the joystick center to confirm.
- Push the joystick down/up to scroll between ENABLED and DISABLED.
- Press the joystick center to select the required option.

The display will then return to the BIKE SET UP display.

Bike Set Up - Service

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



To review the service interval:

- From the Bike Set Up menu, push the joystick down to select SERVICE and press the joystick center to confirm.
- Press the joystick center to display the SERVICE information.
- Selecting RESET allows you to reset the standard time and distance, and also any custom times and distances.
- The display will then return to the Bike Set Up menu.

Trip Setup

The Trip Set Up menu allows configuration of the trip meters. Each trip meter can be configured to be reset either manually or automatically. The setup procedure is the same for both trip meters.

To access the Trip Set Up menu:

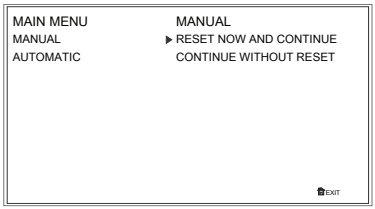
- Press the HOME button to display the Main menu.
- Push the joystick down and then press the joystick center to select TRIP SET UP.

The options available are:

- TRIP 1 RESET
- TRIP 2 RESET
- TRIP 2 DISPLAY

Trip Setup - Manual Reset

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



To set the trip meter to reset manually:

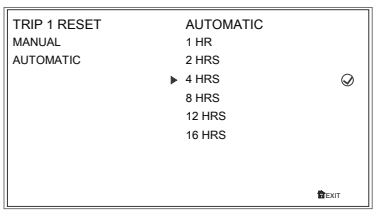
- Push the HOME button to display the MAIN MENU.
- Push the joystick down and then press the joystick center to select TRIP SETUP.
- Push the joystick down and then press the joystick center to select TRIP 1 RESET or TRIP 2 RESET.
- Push the joystick center to select MANUAL.

  There are two options:

  - RESET NOW AND CONTINUE - Resets all trip meter data in the relevant trip meter, and the trip meter will only reset when manually done so by the rider.
  - CONTINUE WITHOUT RESET - The trip meter will not be reset. The trip meter will only reset when manually done so by the rider.
- Press the joystick center to confirm the selection and return to the previous menu.

Trip Setup - Automatic Reset

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



To set the trip meters to reset automatically:

- Push the HOME button to display the MAIN MENU.
- Push the joystick down and then press the joystick center to select TRIP SETUP.
- Push the joystick down/up and then press the joystick center to select TRIP 1 RESET or TRIP 2 RESET.
- Push the joystick down/up and select AUTOMATIC and then press the joystick center.
- Push the joystick down/up to select the timer setting and press the joystick center to confirm the required time limit. The required time limit is then stored in the trip memory.

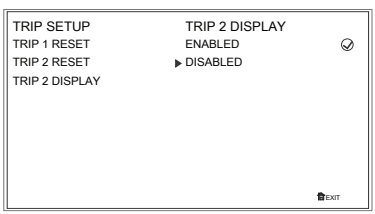
When the ignition is turned off, the trip meter is set to zero when the time period has elapsed.

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 HRS	14:30 hrs
18:00 hrs	16 HRS	10:00 hrs (next day)

Trip 2 Enable/Disable

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

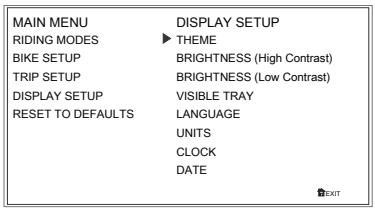


To enable or disable the Trip 2 meter:

- Push the MODE button to display the MAIN MENU.
- Push the joystick down to select TRIP SET UP.
- Push the joystick center to display the TRIP SET UP menu.
- Push the joystick down/up to scroll to the TRIP 2 DISPLAY and press the joystick center.
- Push the joystick down/up to scroll between ENABLED and DISABLED and press the joystick center.

Display Set Up Menu

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



To access the Display Set Up menu:

- Press the HOME button to display the Main menu.
- Push the joystick down and then press the joystick center to select DISPLAY SET UP.

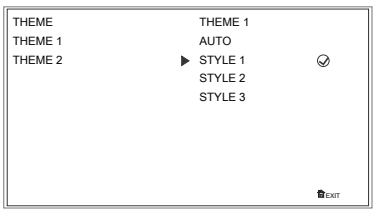
The following options are available:

- Styles and Themes
- Brightness
- Visible Tray
- Shift Indicator
- Language
- Set Units
- Set Clock
- Set Date.

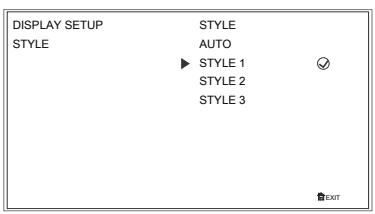
Display Set Up - Styles and Themes

Note:

- **Themes are only available on Tiger 1200 XRT and Tiger 1200 XCA.**



Theme and Style Menu Example



Style Menu Example

To select a style or theme:

- From the Display Set Up menu, push the joystick down to select the STYLES or THEME (if equipped) menu.
  - **Tiger 1200 XRT and Tiger 1200 XCA**: Push the joystick down/up to scroll between the THEMES.
  - Press the joystick center to confirm the selected THEME.
  - **All Models**: Push the joystick down/up to scroll between the STYLES.

– Press the joystick center to confirm the selected STYLE.

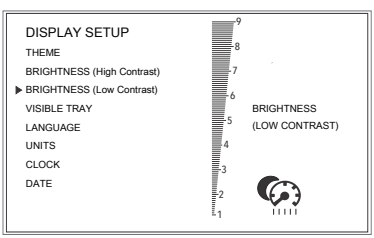
- The new style or theme will be saved. Press the HOME button to exit.

Note:

- **Selecting AUTO will prevent a style tray from being displayed. The style is changed with riding modes.**

Display Set Up - Brightness

The brightness feature allows the screen's brightness contrast to be changed for day time and night time riding.



BRIGHTNESS (LOW CONTRAST) Shown

There are two brightness options to choose:

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

To change the brightness level:

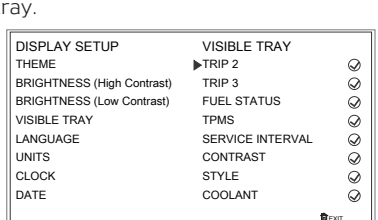
- From the Display Set Up menu, push the joystick down to select BRIGHTNESS and press the joystick center to confirm.
- Push the joystick down to select BRIGHTNESS (High Contrast) or BRIGHTNESS (Low Contrast) menu.
- Press the joystick center to select the required menu.
- Push the joystick down/up to adjust the brightness.
- Press the joystick center to confirm the required level of brightness.
- Press the HOME button to return to the main display.

Note:

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

Display Set Up - Visible Tray

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



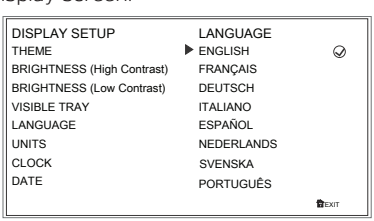
To select the Visible Tray menu:

- From the Display Set Up menu, push the joystick down to select VISIBLE TRAY and press the joystick center to confirm.
- Push the joystick down/up until the required information tray item is selected.
- Press the joystick center to select/ deselect the information tray item.

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

Display Set Up - Language

There are several different languages that can be selected to be shown in the display screen.

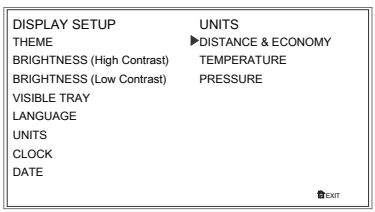


To select a different language:

- From the Display Set Up menu, push the joystick down to select LANGUAGE and press the joystick center to confirm.
- Push the joystick down/up until the required language is selected.
- Press the joystick center to select/ deselect the required language.

Display Set Up - Set Units

There are different units of measurement options that can be shown in the display screen.



To select the units of measurement required:

- From the Display Set Up menu, push the joystick down to select SET UNITS and press the joystick center to confirm.
- Push the joystick down/up to select the required unit; DISTANCE & ECONOMY, TEMPERATURE or PRESSURE.
- Push the joystick down/up to select the required unit of measurement from the following options:
  - **DISTANCE & ECONOMY:**
  - MILES & MPG (UK)
  - MILES & MPG (US)
  - KM & L/100KM
  - KM & KM/L
  - **TEMPERATURE:**
  - °C
  - °F
  - **PRESSURE:**
  - PSI
  - BAR
  - KPa
- Press the joystick center to confirm.

Display Set Up - Set Clock

This function allows the adjustment of the clock.

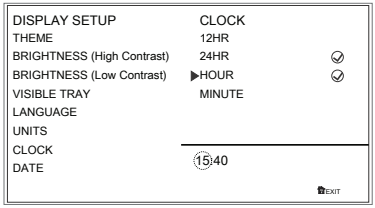
To set the clock:

- From the Display Set Up menu, push the joystick down to select SET CLOCK and press the joystick center to confirm.
- Push the joystick down/up to select between either 12 HR or 24 HR clock and press the joystick center to confirm selection. The clock will display in either 12 or 24 hour format. Once the clock format is set the display will return to the SET CLOCK menu.

To set the time, push the joystick down/up to select HOUR or MINUTE.

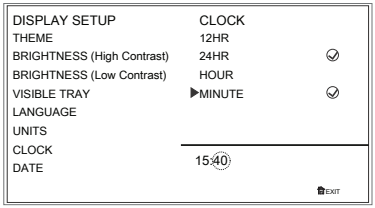
To Adjust the Hour Setting

- Select HOUR on the display and press the joystick center, a tick will appear next to HOUR and the hour display will flash as shown below.
- Push the joystick down/up to set the hour and press the joystick center to confirm.



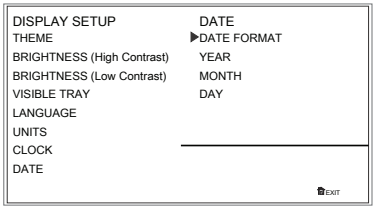
To Adjust the Minute Setting

- Select MINUTE on the display and press the joystick center, a tick will appear next to MINUTE and the minute display will flash as shown below.
- Push the joystick down/up to set the minute and press the joystick center to confirm.



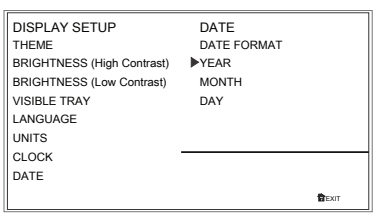
Display Set Up - Set Date

This function allows the adjustment of the date and date format.



To set the date format:

- From the Display Set Up menu, push the joystick down to select SET DATE and press the joystick center to confirm.
- Press the joystick center to display DATE FORMAT.
- Push the joystick down/up to select either of the DD-MM-YYYY, MM-DD-YYYY or YYYY-MM-DD formats and press the joystick center to confirm selection. Once the date format is set the display will return to the SET DATE menu.

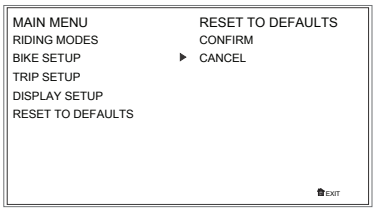


To set the date, push the joystick down/up to select the DAY, MONTH and YEAR.

- Select YEAR and then press the joystick center, a tick will appear next to the YEAR and the YEAR display will flash.
- Push the joystick down/up to set the current year and then press the joystick center to confirm.
- To set the MONTH and DAY repeat the procedure used to set the year. Once the date is set the display will return to the SET DATE menu.

Reset to Defaults

This function allows the main menu display items to be reset to the default setting.



To reset the Main menu display items:

- From the Main menu, push the joystick down and select RESET TO DEFAULTS.
- Press the joystick center to confirm.
- Pushing the joystick down/up, select CONFIRM or CANCEL from the Reset to Defaults menu, and press the joystick center 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, ABS, Traction Control, Style, and Display Brightness.
- **Cancel** - The main menu settings and data will remain unchanged and the display will return to the previous level.

Instrument Panel Position Adjustment

Warning

Operation of the motorcycle with an incorrectly adjusted instrument panel is dangerous.

An incorrectly adjusted instrument panel will result in loss of instrument vision when riding and may cause a distraction leading to loss of control of the motorcycle and an accident.

Always adjust the instrument panel to provide sufficient vision of the instruments before riding the motorcycle.

Warning

Never attempt to clean or adjust the instrument panel 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 the instrument panel while riding the motorcycle may result in loss of control of the motorcycle and an accident.

Only attempt to clean or adjust the instrument panel while stationary.

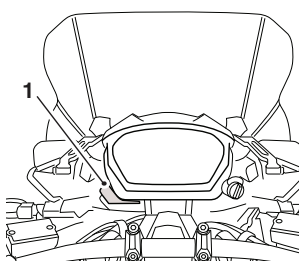
Caution

Do not press directly onto the instrument panel display screen.

Only adjust the position of the instrument panel using the adjustment handle.

Pressing directly on the instrument panel display screen may damage the instrument panel.

The instrument panel can be adjusted to allow for improved visibility of the display screen.



1. **Adjustment handle**

To adjust the instrument panel:

Note:

- **Moderate force using the thumb and finger is required to adjust the position of the instrument panel.**

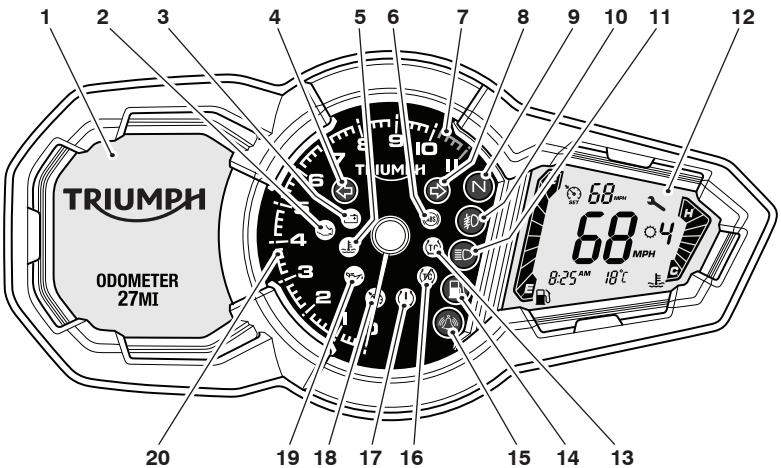
Position the instrument panel to allow an unobstructed view of the display screen using the adjustment handle.

Liquid Crystal Display (LCD) Instrument Display

Table of Contents

Instrument Panel Layout

The LCD instrument display is only mounted to the Tiger 1200 XR model.



CISZ

1. Multifunction display screen
2. Engine management Malfunction Indicator Light (MIL)
3. Battery warning light
4. Left hand turn signal light
5. High coolant temperature warning light
6. ABS warning light
7. Tachometer red zone
8. Right hand turn signal light
9. Neutral indicator light
10. Fog lights indicator light
11. High beam indicator light
12. Motorcycle status display screen
13. Traction control indicator light
14. Low fuel level indicator light
15. Alarm/immobilizer status indicator light (alarm is an accessory kit)
16. Traction control disabled warning light
17. Tire pressure warning light (if equipped with Tire Pressure Monitoring System (TPMS))
18. Cruise control light
19. Low oil pressure warning light
20. Tachometer

Warning Lights

Note:

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

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 MIL becomes illuminated when the engine is running, this indicates that a fault has occurred in one or more of the systems controlled by the engine management system. In such circumstances, the engine management system will switch to 'limp-home' mode so that the journey may be completed, if the fault is not so severe that the engine will not run.

Warning

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

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

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

Note:

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

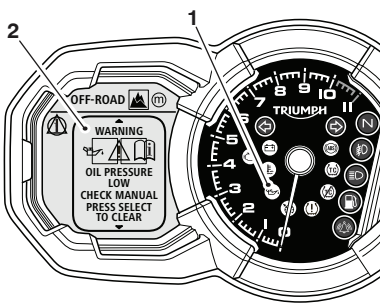
Low Oil Pressure Warning Light

With the engine running, if the engine oil pressure becomes dangerously low, the low oil pressure warning light in the tachometer will illuminate and WARNING - OIL PRESSURE LOW will be displayed in the multifunction display screen.

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.



1. **Low oil pressure warning light**
2. **Instrument message**

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

High Coolant Temperature Warning Light

With the engine running, if the engine coolant temperature becomes dangerously high, the high coolant temperature warning light will illuminate.

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.

Immobiliser/Alarm Indicator Light

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

Without Alarm Equipped

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

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

With Alarm Equipped

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

ABS (Anti-Lock Brake System) 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.

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

- ABS is disabled by the rider - the warning light will remain illuminated (see Bike Setup on page **76** or Riding Mode Configuration on page **85**).
- ABS is set to Off-Road – the warning light will flash slowly (see Riding Mode Configuration on page **85**).

Note:

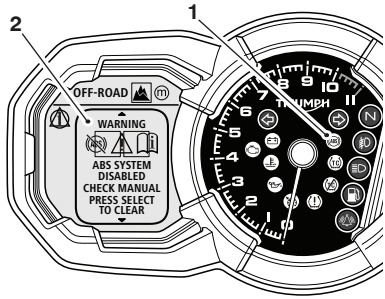
- **Traction control and cruise control may not function if there is a malfunction with the ABS system. In this situation, the warning lights for the ABS, traction control and the MIL may be illuminated.**

If the warning light becomes illuminated at any other time while riding it indicates that the ABS has a malfunction that requires investigation. The following warning message may be displayed:

- WARNING - ABS SYSTEM DISABLED

The braking system will be affected as follows:

WARNING - ABS SYSTEM DISABLED



1. **ABS warning light**
2. **Instrument message**

The message WARNING - ABS SYSTEM DISABLED indicates that the ABS is not functioning.

Warning

If the ABS is not functioning or has been disabled by the rider (see Bike Setup on page **76** or Riding Mode Configuration on page **85**), the brake system will continue to function as a non-ABS braking system.

Do not continue to ride for longer than is necessary with the warning light illuminated. In the event of a fault, contact an authorized 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.

See also Braking on page **146**.

Traction Control (TC) Indicator Light

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

TC Indicator Light Operation:

TC Switched On (Rain, Road or Sport Settings):

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

TC Switched On (Off-Road Setting):

- Under normal riding conditions, the indicator light will flash slowly to indicate that the TC system is set to Off-Road.
- The TC indicator light will flash rapidly when the TC system is working to limit rear wheel slip during periods of hard acceleration or under wet or slippery conditions.

TC Switched Off:

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

Note:

- **Traction control may not function if there is a malfunction with the ABS system. In this situation, the warning lights for the ABS, TC and the MIL may be illuminated.**

Traction Control (TC) Disabled Warning Light

The TC disabled warning light should not illuminate unless TC is disabled by the rider (see Bike Setup on page **76** or Riding Mode Configuration on page **85**).

If the warning light becomes illuminated at any other time while riding, it indicates that the TC system has a malfunction that requires investigation. The following warning message may be displayed:

- WARNING - TC SYSTEM DISABLED

The TC system will be affected as follows:

The message WARNING - TC SYSTEM DISABLED indicates that the traction control system is not functioning.

Warning

If the Traction Control (TC) system is not functioning, care must be taken when accelerating and cornering on wet/slippery road surfaces to avoid rear wheel spin.

In the event of a fault, the TC disabled warning light may be accompanied by the engine management system malfunction indicator light and/or the ABS warning light.

Do not continue to ride for longer than is necessary with any of the above warning lights illuminated. Contact an authorized Triumph dealer as soon as possible to have the fault checked and rectified.

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

Cruise Control Light

The cruise control can only be activated when the motorcycle is traveling at a speed between 19 to 100 mph (30 to 160 km/h) and is in 3rd gear or higher. When activated, the cruise control light in the tachometer will be illuminated (see page **104**).

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.

Turn Signals

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

High Beam Switch

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

Fog Lights (if equipped)

When the ignition is switched on and the fog lights are switched on, the fog lights warning light will illuminate.

Low Fuel Warning Light

The low fuel warning light will illuminate when there is approximately 1.0 gallon (3.5 liters) of fuel remaining in the tank.

Neutral

N

The neutral warning light indicates when the transmission is in neutral (no gear selected). The warning light will illuminate when the transmission is in neutral with the ignition switch in the ON position.

Battery Warning Light

When the ignition is switched on, the battery warning light will only illuminate if a fault is recognized with the battery.

With the engine running, if the battery voltage becomes low, the battery warning light in the tachometer will illuminate and the message WARNING - BATTERY LOW will also be shown in the multifunction display screen.

Once the battery is fully charged the warning light will go out and the instrument message will be deactivated.

If the battery warning light remains on it indicates that there is a malfunction that requires investigation. Contact an authorized Triumph dealer as soon as possible to have the fault checked and rectified.

Tire Pressure Warning Light (if equipped with TPMS)

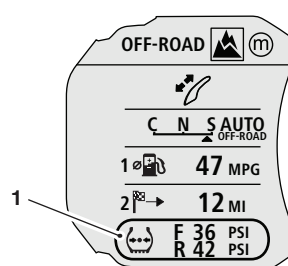
The tire pressure warning light works in conjunction with the Tire Pressure Monitoring System (TPMS) (see page **111**).

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

When the warning light is illuminated, the message TPMS - FRONT/REAR TIRE LOW PRESSURE will be shown in the multifunction display screen.

Press the SELECT button to acknowledge the message and return to the home screen.

After pressing the SELECT button, the tire pressures display will be automatically shown in the motorcycle information section of the home screen.



1. Tire pressures display

The tire pressure at which the warning light illuminates is temperature compensated to 68°F (20°C) but the numeric pressure display associated with it is not (see page **111**). Even if the

numeric display seems at or close to the standard tire pressure when the warning light is on, a low tire pressure is indicated and a puncture is the most likely cause.

Warning

Stop the motorcycle if the tire pressure warning light illuminates and the message TPMS - FRONT/REAR TIRE LOW PRESSURE is displayed.

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

Frost Warning Light

Warning

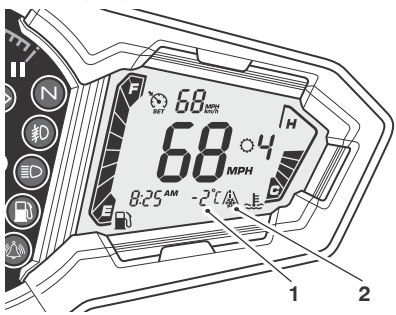
Black ice (sometimes called clear ice) can form at temperatures several degrees above freezing (32°F (0°C)), especially on bridges and in shaded areas.

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 warning light illuminates if the ambient air temperature is 39°F (4°C) or lower.

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



1. **Ambient air temperature**
2. **Frost symbol**

Warning and Information Messages

Warning Messages

The following warning messages may be displayed if a fault is detected:

- OIL PRESSURE LOW (see page **60**)
- BATTERY LOW (see page **64**)
- ABS SYSTEM DISABLED (see page **61**)
- TC SYSTEM DISABLED (see page **62**)
- FRONT/REAR TIRE PRESSURE LOW (see page **64**)
- SENSOR SIGNAL FRONT/REAR TIRE (see page **111**).

Information Messages

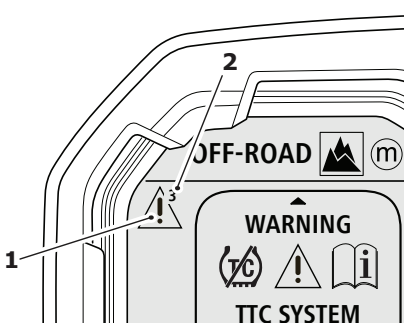
The following information message may be displayed:

- TPMS - BATTERY LOW FRONT/ REAR TIRE (see page **64**)

When a warning or information message is activated, the message will be accompanied by the relevant warning or information symbol on the left hand side of the multifunction display.

It is possible for multiple warning and information messages to be displayed when a fault occurs. Where this is the case, warning messages will take priority over information messages and the warning symbol will be displayed on the left hand side of the multifunction display.

The number of currently active warning and information messages is displayed over the warning/information symbol.



1. **Symbol (warning symbol shown)**
2. **Multiple messages indicated**

Use the SCROLL button to scroll through the messages being displayed.

Press the SELECT button to acknowledge and hide each message.

Note:

- **Some messages are automatically hidden after a short period.**
- **Hidden warning and information messages remain active and will be redisplayed each time the ignition is switched on, until the condition that triggered the message has been rectified.**
- **The warning or information symbol will remain visible in the multifunction display while active messages are hidden, along with the number of hidden messages.**
- **Hidden warning or information messages can be viewed using the Show Warnings function as described in the Settings Menu on page 74.**

Tachometer

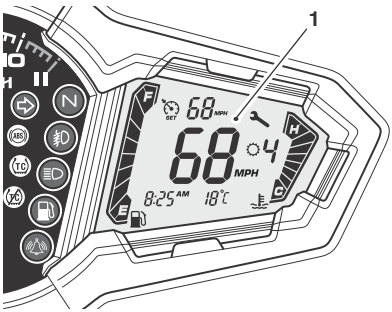
Caution

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.

Motorcycle Status Display Screen



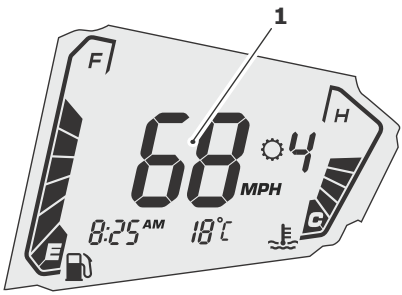
1. Motorcycle status display screen

The motorcycle status display screen is used to display the following:

- Speedometer
- Fuel gage
- Coolant temperature gage
- Gear position display
- Cruise control set speed
- Service indicator
- Clock
- Ambient air temperature and frost symbol.

Speedometer

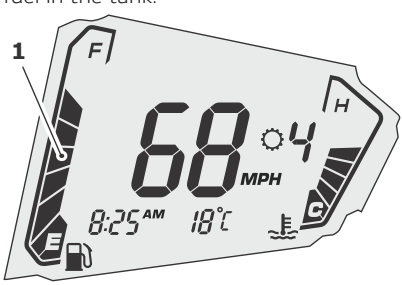
The digital speedometer indicates the road speed of the motorcycle. The read-out displays the motorcycle road speed in increments of one mile (or kilometer) per hour.



1. Speedometer

Fuel Gage

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

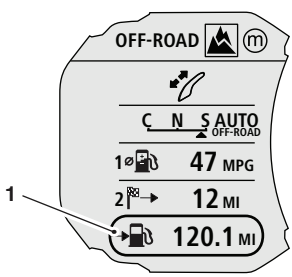


1. Fuel gage

With the ignition switched on, the number of bars shown in the display indicates the level of fuel.

When the fuel tank is full all eight bars are displayed and when empty, no bars are displayed. Other gage markings indicate intermediate fuel levels between full and empty.

The low fuel warning light will illuminate when there is approximately 1.0 gallon (3.5 liters) of fuel remaining in the fuel tank (see page **64**). At this point, two bars will be visible in the fuel gage and the information display in the multifunction display screen will switch to the Range to Empty display.



1. **Range to empty display**

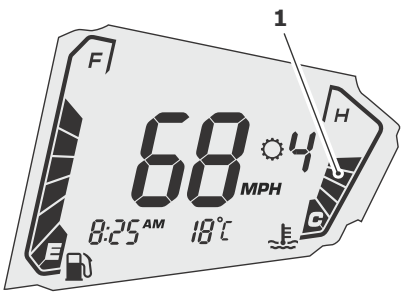
Refuel at the earliest opportunity when the low fuel warning light is illuminated.

After refueling, the fuel gage 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 Gage

Caution

Do not continue to run the engine if either of the high temperature warnings are displayed as severe engine damage may result.



1. **Coolant temperature gage**

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

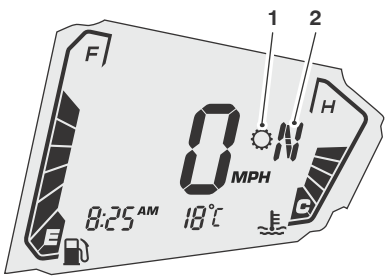
When the ignition is switched on, all eight bars of the display will be shown. When the engine is started from cold the display will show no bars. As the temperature increases more bars in the display will be shown. When the engine is started from hot the display will show the relevant number of bars, dependent on engine temperature.

The normal temperature range is between four and six bars.

If the coolant temperature becomes too high the display will show eight bars and will start to flash. The high coolant temperature light in the tachometer will also flash.

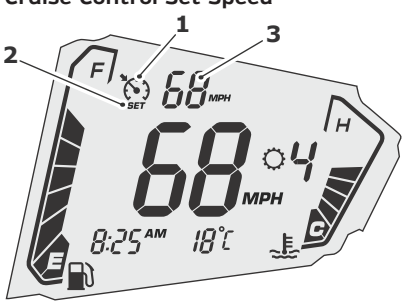
Gear Position Display

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



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

Cruise Control Set Speed



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

When cruise control is switched on, the cruise control symbol will be visible in the motorcycle status display screen.

The cruise control set speed will be displayed as -- until a speed has been set.

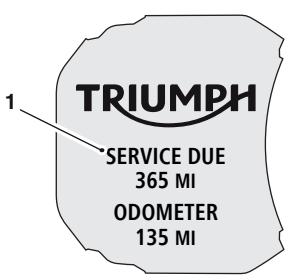
Upon setting a speed, the word SET will be visible below the cruise control symbol. The set speed will be displayed and the cruise control light in the tachometer will be illuminated.

When cruise control is deactivated, the cruise control light in the tachometer will go out but the set speed will remain visible in the motorcycle status display screen.

For more information, see Cruise Control on page **104**.

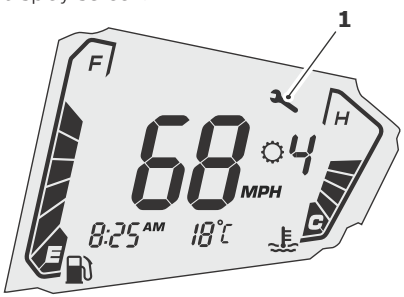
Service Indicator

When the ignition is switched on and the distance to the next service is 500 miles (800 km) or less, the multifunction display will briefly show the distance remaining before the next service in the startup screen.



1. **Distance to next service**

If the service is overdue the distance will be displayed as a negative number and the service indicator will be displayed in the motorcycle status display screen.

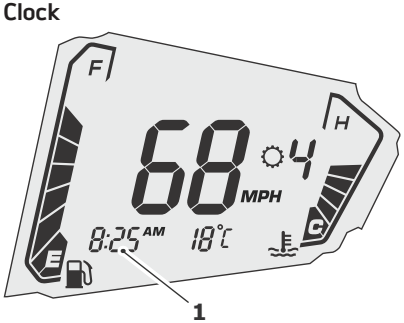


1. **Service indicator**

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

The service indicator will also be displayed if a fault has occurred and the ABS and/or MIL warning lights are illuminated. Contact an authorized Triumph dealer as soon as possible to have the fault checked and rectified.

Clock

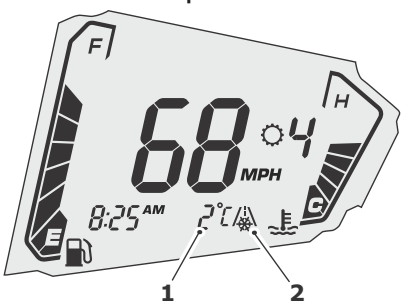


1. **Clock - 12 hour format displayed**

The clock can be displayed in 12 hour or 24 hour format.

To set the clock see Display Setup on page **79**.

Ambient Air Temperature



1. **Ambient air temperature shown in °C**
2. **Frost symbol**

The ambient air temperature is displayed in °C or °F.

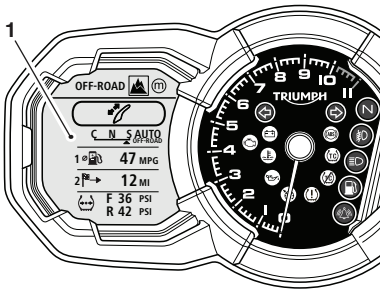
The frost symbol will illuminate if the ambient air temperature is 39°F (4°C) or lower (see page **65**).

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.

To change the temperature from °C or °F, see Display Setup on page **79**.

Multifunction Display Screen



1. **Multifunction display screen**

The multifunction display screen allows the rider to view, select or configure:

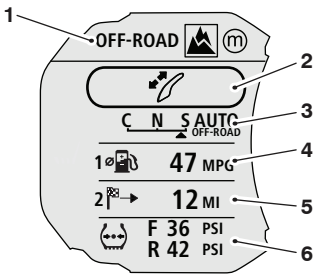
- Riding modes
- Windshield position
- Trip computers
- Motorcycle information
- Motorcycle settings
- Display settings.

The multifunction display screen is also used to display warning and information messages.

For more information on warning and information messages, see page **65**.

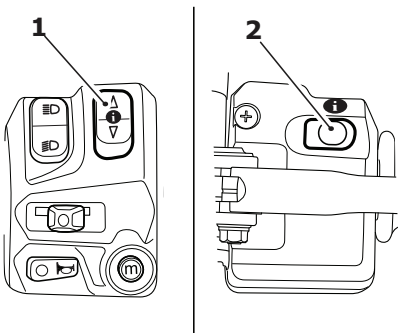
Home Screen

The multifunction display home screen is used to show the current riding mode, windshield adjustment mode, trip meters and motorcycle information.



1. **Current riding mode**
2. **Windshield adjustment mode**
3. **Trip 1 display**
4. **Trip 2 display (if activated)**
5. **Tire Pressure Monitoring System (TPMS) information (if equipped)**

The home screen will show one trip meter as default but can be configured to show two trip meters. For more information on trip set up, see page **75**.

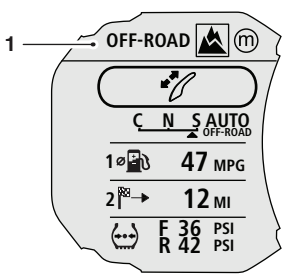


1. **SCROLL button**
2. **SELECT button**

To adjust or edit the home screen items:

- Press and release the SCROLL button until the required item is selected.
- Press and release the SELECT button to access the selected item's sub menu or adjustment screen.
- Press and hold the SELECT button to access the Settings menu. For more information, see page **74**.

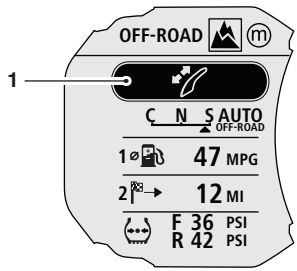
Riding Mode Display



1. Current riding mode display

Shows the current riding mode. For more information on riding modes, see page **81**.

Windshield Adjustment Mode



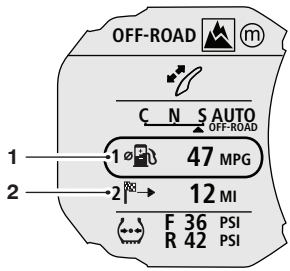
1. Windshield adjustment mode

To access the windshield adjustment mode:

- Press the SCROLL button until the windshield adjust display is selected.
- Press the SELECT button to activate the windshield adjustment mode.
- Use the SCROLL button to adjust the windshield to the required height.
- There is a short time-out period to allow for further adjustment to take place before the instruments automatically exit the windshield adjustment mode.
- Alternatively, press the SELECT button to exit the windshield adjustment mode.

For more information on windshield adjustment, see page **118**.

Trip Meters



1. **Trip meter 1 display**
2. **Trip meter 2 display (if activated)**

The home screen will permanently display trip meter one as default, but can be configured to display two trip meters. For information on trip set up, see page **75**.

Trip Distance

The total trip distance traveled since the trip meter was last reset to zero.

Trip Meter Reset

To reset either of the trip meters, from the home screen select the trip meter to be zeroed, then press and hold the SCROLL button in either direction for two seconds. After two seconds, all items within the selected trip meter will reset to zero.

Trip 2 can also be set to automatically reset after an adjustable time delay of between one and eight hours. See Trip Setup on page **75**.

Motorcycle Information

Warning

When the motorcycle is in motion, only attempt to switch between the information and trip meter display modes or reset the trip meter 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 motorcycle information display shows the currently selected motorcycle information item.

Note:

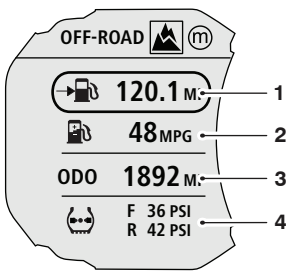
- **If TPMS is equipped, the tire pressures display will be available for selection.**
- **The motorcycle information display will automatically switch to the Range to Empty display when the low fuel warning light is illuminated.**

To access the motorcycle information menu:

- Press the SCROLL button until the motorcycle information display is selected.
- Press the SELECT button to enter the motorcycle information menu.

Motorcycle Information Menu

Any one of the available information items can be selected to be shown in the home screen.



1. **Range to empty**
2. **Instantaneous fuel consumption**
3. **Odometer**
4. **Front and rear tire pressures (if equipped with TPMS)**

To select an information item to be shown in the home screen:

- Press the SCROLL button until the required information item is selected.
- Press the SELECT button to confirm the selection and return to the home screen.

Each display provides the following information:

Range to Empty

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

The distance shown will adapt based on the level of fuel in the tank and changes to the riding style.

Instantaneous Fuel Consumption

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

Odometer

Shows the total distance that the motorcycle has traveled.

Front and Rear Tire Pressures (if equipped with TPMS)

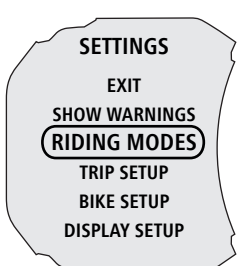
The front and rear tire pressures are shown only if the Tire Pressure Monitoring System (TPMS) is installed.

Dashes will be shown in the tire pressure display until the motorcycle reaches a speed of approximately 12 mph (20 km/h).

Settings Menu

To access the SETTINGS menu:

- Press and hold the SELECT button on the left hand switch housing until the SETTINGS menu is shown in the multifunction display screen.



SETTINGS Menu

The following menu items are available for selection:

- EXIT
- SHOW WARNINGS (see page **75**)
- RIDING MODES (see page **75**)
- TRIP SETUP (see page **75**)
- BIKE SETUP (see page **76**)
- DISPLAY SETUP (see page **79**).

A description of each menu item is described in the following pages.

Exit

Select EXIT to return to the home screen.

Show Warnings

Select SHOW WARNINGS to exit the SETTINGS menu and display all active warning or information messages in the multifunction display screen.

For more information on warning and information messages, see page **65**.

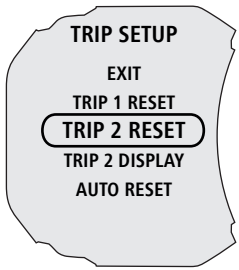
Riding Modes

From the SETTINGS menu, select RIDING MODES to configure the ABS, MAP and TC settings for each available riding mode.

For more information on riding mode configuration, see page **85**.

Trip Setup

From the SETTINGS menu, select TRIP SET UP to configure and reset the trip meters.



TRIP SETUP Screen

The following menu items are available for selection:

- EXIT
- TRIP 1 RESET
- TRIP 2 RESET
- TRIP 2 DISPLAY
- AUTO RESET.

Exit

Select EXIT to return to the SETTINGS menu.

Trip 1 and Trip 2 Reset

TRIP 1 RESET (CONFIRM Shown)

To reset TRIP 1 or TRIP 2:

- Press the SCROLL button to select the required trip meter to reset, either TRIP 1 RESET or TRIP 2 RESET.
- Press the SCROLL button to select CONFIRM, then press the SELECT button.
- All items within the selected trip meter will be immediately reset to zero and the display will return to the TRIP SETUP menu.

Trip 2 Display

TRIP 2 DISPLAY (ENABLE Shown)

To enable or disable the TRIP 2 DISPLAY:

- Press the SCROLL button to select TRIP 2 DISPLAY, then press the SELECT button.
- Press the SCROLL button to select ENABLE or DISABLE.
- Press the SELECT button to confirm the selection and return to the TRIP SETUP menu.

Auto Reset

The AUTO RESET function applies to TRIP 2 only. TRIP 1 must be reset manually using TRIP 1 RESET as previously described.

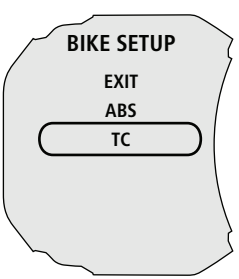
AUTO RESET (4 HRS Shown)

To auto reset the trip meters:

- Press the SCROLL button to select AUTO RESET, then press the SELECT button.
- Press the SCROLL button to select OFF, 1 HR, 2 HRS, 4 HRS or 8 HRS.
- Press the SELECT button to confirm the selection and return to the TRIP SETUP menu.
- After the ignition has been switched OFF and the set time has elapsed, all items within TRIP 2 will be reset to zero.

Bike Setup

From the SETTINGS menu, select BIKE SET UP to configure the Anti-Lock Braking System (ABS) and Traction Control (TC) settings.



BIKE SETUP Menu

The following menu items are available for selection:

- EXIT
- ABS
- TC.

Exit

Select EXIT to return to the SETTINGS menu.

Anti-Lock Braking System (ABS)

It is possible to temporarily disable the ABS system. The ABS system cannot be permanently disabled, it will be automatically enabled when the ignition is turned OFF and then ON again.

⚠ Warning

Selecting ABS DISABLE will disable the anti-lock braking system.

The ABS settings stored for each riding mode will be overridden, regardless of whether they are set to Road, Off-Road or OFF.

The ABS and the riding mode ABS settings will not be enabled again until ENABLE is selected from the ABS menu or the ignition is turned OFF then ON again.

If the ABS is disabled, the brake system will function as a non-ABS braking system. In this situation braking too hard will cause the wheels to lock, and may result in loss of motorcycle control and an accident.

⚠ Warning

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

To enable or disable the ABS system:

- Press the SCROLL button to select ABS, then press the SELECT button to confirm.
- Press the SCROLL button to select ENABLE or DISABLE.

ABS (ENABLE Shown)

- Press the SELECT button to confirm the selection and return to the BIKE SETUP menu.
- If DISABLE is selected, the ABS warning light will be illuminated and the message WARNING - ABS SYSTEM DISABLED will be briefly shown in the multifunction display screen.
- The ABS and all riding mode ABS settings will be disabled until the ABS is re-enabled. All ABS settings are automatically enabled when the ignition is turned OFF and then ON again.

Note:

- **If the ABS is disabled by the rider, traction control and cruise control (if equipped) will still function.**

Traction Control (TC)

It is possible to temporarily disable the Traction Control (TC) system. The TC system cannot be permanently disabled, it will be automatically enabled when the ignition is turned OFF and then ON again.

Warning

Selecting TC DISABLE will disable the traction control system.

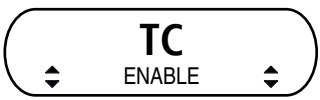
All traction control settings stored for each riding mode will be overridden regardless of whether they are set to Rain, Road, Sport, Off-Road or Off.

Traction control and the riding mode TC settings will not be enabled again until ENABLE is selected from the TC menu, or the ignition is turned OFF then ON again.

If 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.

To enable or disable the traction control:

- Press the SCROLL button to select TC, then press the SELECT button to confirm.
- Press the SCROLL button to select ENABLE or DISABLE.

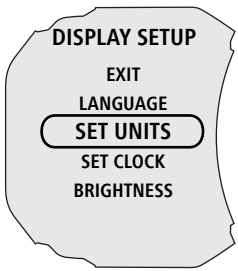


TC (ENABLE Shown)

- Press the SELECT button to confirm the selection and return to the BIKE SETUP menu.
- If DISABLE is selected, the TC disabled warning light will be illuminated and the message WARNING - TC SYSTEM DISABLED will be briefly shown in the multifunction display screen.
- Traction control and all riding mode traction control settings will be disabled until the traction control is re-enabled. All traction control settings are automatically enabled when the ignition is turned OFF and ON again.

Display Setup

From the SETTINGS menu, select DISPLAY SETUP to configure the display settings.



DISPLAY SETUP Menu

The following menu items are available for selection:

- EXIT
- LANGUAGE
- SET UNITS
- SET CLOCK
- BRIGHTNESS.

Exit

Select EXIT to return to the SETTINGS menu.

Language

LANGUAGE Menu (ENGLISH Shown)

The following languages are available:

- English
- French
- German
- Italian
- Dutch
- Spanish
- Swedish
- Brazilian.

To select a language:

- Press the SCROLL button to select LANGUAGE, then press the SELECT button to confirm.
- Press the SCROLL button to select the required language, then press the SELECT button to confirm and return to the DISPLAY SETUP menu.

Note:

- **All menu items displayed will change to the newly selected language when the SELECT button is pressed.**

Set Units

DISTANCE Menu (MILES shown)

To set the display units:

- Press the SCROLL button to select SET UNITS, then press SELECT to confirm.
- The DISTANCE menu is then shown. Press the SCROLL button to select MILES or KM and then press the SELECT button to confirm.

Note:

- **If DISTANCE has been set to MILES, the menu options available will be MPG (UK) or MPG (US).**
- **If DISTANCE has been set to KM, the menu options available will be KM/L or L/100 KM.**

- Use the SCROLL button to select the required unit and press the SELECT button to confirm.

Note:

- **If DISTANCE has been set to MILES, then TEMP (temperature) is shown. Press the SCROLL button to select either °F or °C and then press the SELECT button to confirm.**
- **If DISTANCE has been set to KM, then the temperature display will be automatically set to °C.**

- If equipped with TPMS, then the PRESSURE menu is shown.
- Press the SCROLL button to select either PSI, BAR or kPa.
- Press the SELECT button to confirm the settings and return to the DISPLAY SETUP menu.

Set Clock

SET CLOCK (24 HR Shown)

To set the clock:

- Press the SCROLL button to select SET CLOCK, then press the SELECT button to confirm.
- Press the SCROLL button to select the required clock display either 12 HR or 24 HR format and press the SELECT button to confirm.
- The SET HOUR menu is now shown. Press the SCROLL button to select the required hour display and press the SELECT button.
- The SET MINUTE menu is now shown. Press the SCROLL button to select the required minute display and press the SELECT button to confirm and return to the DISPLAY SETUP menu.

Brightness

BRIGHTNESS Menu

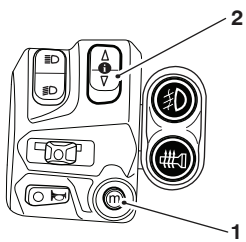
To adjust the brightness of the screen:

- Press the SCROLL button to select BRIGHTNESS, then press the SELECT button to confirm.
- Press the SCROLL button to adjust the instrument brightness using the adjustment slider between levels 1 (lowest) to 10 (highest).
- Press the SELECT button to save the selection and return to the DISPLAY SETUP menu.

Riding Modes

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

Riding modes can be selected using the MODE and SCROLL buttons on the left hand switch housing, while the motorcycle is stationary or moving.



1. **MODE button**
2. **SCROLL button**

The following riding modes are available:

- RAIN
- ROAD
- OFF-ROAD

Each riding mode is fully adjustable but availability of the ABS, MAP and TC settings options may vary between modes. For more information on riding mode configuration, see page **85**.

Riding Mode Selection

Warning

The selection of riding modes while 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 while 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 while the motorcycle is in motion MUST NOT be attempted:

• At high speeds

• While 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 may lead to loss of motorcycle control and an accident.

Warning

If ABS and/or TC has been disabled using the BIKE SETUP menu, the ABS and/or TC settings saved for all riding modes will be overridden.

ABS and/or TC will remain OFF regardless of the riding mode selection, until they have been re-enabled or, the ignition has been switch OFF then ON again.

If the ABS is disabled, the brake system will function as a non-ABS braking system. In this situation braking too hard will cause the wheels to lock, and may result in loss of motorcycle control and an accident.

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

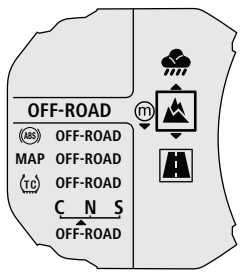
Warning

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

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

To select a riding mode:

Press and release the MODE button on the left hand switch housing to activate the riding mode selection menu in the multifunction display.



Riding Mode Selection Menu

Further presses of the MODE button will scroll through the riding modes in the following order:

- RAIN
- ROAD
- OFF-ROAD.

Alternatively, the SCROLL button can be used to scroll up or down through the riding modes.

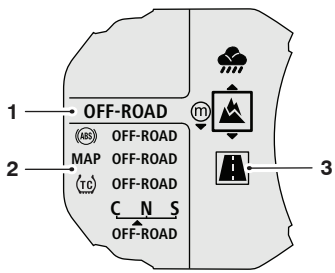
Note:

- **To allow the user to scroll between each of the modes, there is a short time-out to allow for further scrolling to take place before the highlighted riding mode is automatically activated.**

Scroll through the riding modes until the desired mode is highlighted in the selection window.

The name of the highlighted riding mode and its currently stored ABS, MAP and TC settings, are displayed on the left hand side of the multifunction display.

The currently active riding mode is indicated with a border.



1. **Selected riding mode**
2. **Selected riding mode's ABS, MAP and TC settings**
3. **Currently active riding mode**

The riding mode shown in the selection window is automatically activated once the time-out has elapsed, and 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 On

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

Motorcycle in Motion

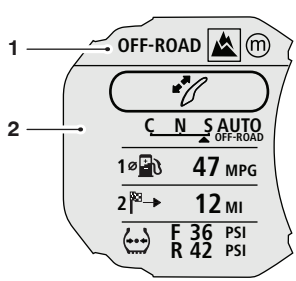
Within 30 seconds of selecting a riding mode the rider must carry out the following simultaneously:

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

Note:

- **It is not possible to select OFF-ROAD mode while the motorcycle is in motion, if the ABS or TC settings are set to OFF-ROAD or OFF.**
- **In this case, the motorcycle must be brought to a stop before the riding mode change can take place.**

Once the ABS, MAP and TC settings have changed, the multifunction display will return to the home screen and the selected riding mode will be shown.



1. **Selected riding mode**
2. **Home screen**

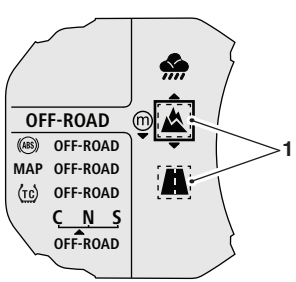
The riding mode change is now complete and normal riding can be resumed.

Note:

- **The riding mode will default to ROAD when the ignition is switched ON if the OFF-ROAD mode was active the last time the ignition was switched OFF, with ABS and/or TC set to OFF-ROAD or OFF.**
- **Otherwise, the last selected riding mode will be remembered and activated when the ignition is switched ON.**
- **If the mode icons are not visible when the ignition switch is in the ON position, make sure that the engine stop switch is in the RUN position.**

Incomplete Riding Mode Changes

In the event of an incomplete riding mode change, both the previous and newly selected riding modes will be highlighted with a dashed border. This indicates that the ABS, MAP or TC settings specified by the newly requested riding mode have not been correctly activated.



1. **Incomplete riding mode change**

In this case the MIL, ABS or TC warning light(s) may be illuminated depending on the current state of each system.

In the event of an incomplete riding mode change:

- Safely bring the motorcycle to a stop.
- Select neutral gear.
- Turn the ignition OFF and then back ON again.
- Select the required riding mode.
- Restart the engine and continue riding.

Warning

Do not stop the engine using the ignition switch or engine stop switch while the motorcycle is moving.

Always bring the motorcycle to a stop safely and engage neutral gear prior to stopping the engine.

Stopping the engine by turning off the ignition or engine stop switch while the motorcycle is moving can lock the rear wheel causing loss of motorcycle control and an accident.

Caution

Do not stop the engine using the ignition switch or engine stop switch while the motorcycle is moving.

Always bring the motorcycle to a stop safely and engage neutral gear prior to stopping the engine.

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.

Riding Mode Configuration

Refer to the following table for the ABS, MAP and TC options available for each riding mode.

Riding Mode			
	RAIN	ROAD	OFF-ROAD
ABS (Anti-lock Braking System)			
Road	●	●	⊘
Off-Road	⊘	⊘	●
Off	⊘	⊘	○
MAP (Throttle Response)			
Rain	●	○	○
Road	○	●	○
Off-Road	⊘	⊘	●
TC (Traction Control)			
Rain	●	○	⊘
Road	○	●	⊘
Off-Road	⊘	⊘	●
Off	⊘	⊘	○
Key			
●	Standard (Factory Default Setting)		
○	Selectable Option		
⊘	Option Not Available		

ABS Option Descriptions

Warning

The OFF-ROAD ABS option is NOT intended for use with normal, on-road riding.

Use of the rear brake pedal in this situation can cause the rear wheel to lock under heavy braking.

Riding on-road with the ABS set to OFF-ROAD can lead to instability when braking which may result in loss of motorcycle control and an accident.

Warning

If the ABS is disabled, the brake system will function as a non-ABS braking system. In this situation braking too hard will cause the wheels to lock, and may result in loss of motorcycle control and an accident.

- **Road** - Optimal ABS setting for road use.
- **Off-Road** - Optimal ABS setting for off-road use as follows:
- **Front Brake Lever Operation** - If the front brake lever is operated only, the partially integrated braking system will also apply a small amount of rear brake as described in Braking on page **146**. In this situation, the level of ABS intervention is optimized for off-road riding for both front and rear wheels.

- **Rear Brake Pedal Operation** - If the rear brake pedal is operated at any point, all rear braking input will be controlled directly by the rear brake pedal. Operating the rear brake pedal will override any rear braking input applied by the partially integrated braking system, through use of the front brake lever. In this situation, the level of ABS intervention is optimized for off-road riding for the front wheel, but the rear wheel will be allowed to lock under heavy braking. Use of the rear brake pedal alone will only apply the rear brake and the rear wheel will be allowed to lock under heavy braking. The ABS warning light will flash slowly.
- **Off** - ABS is turned off. The ABS warning light will be illuminated.

MAP Option Descriptions

- **Rain** - Reduced throttle response when compared to the Road setting, for wet or slippery conditions.
- **Road** - Standard throttle response.
- **Off-Road** - Optimal throttle response setting for off-road use.

TC Option Descriptions

Warning

The OFF-ROAD TC option is not intended for normal, on-road riding.

Riding on-road with TC set to OFF-ROAD can produce instability under acceleration due to the increased amount of rear wheel slip allowed.

Instability caused by rear wheel slip 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.

- **Rain** - Optimal TC setting for wet or slippery conditions. Allows reduced rear wheel slip when compared with the Road setting.
- **Road** - Optimal TC setting for road use, allows a small amount of rear wheel slip.
- **Off-Road** - TC is set up for off-road use, allowing increased rear wheel slip when compared to the Rain, Road and Sport settings. The TC indicator light will flash slowly.
- **Off** - TC is turned OFF. The TC disabled warning light will be illuminated.

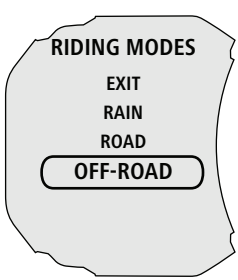
Note:

- **During riding mode configuration, ABS and TC can be activated or deactivated in the Off-Road and Rider modes.**
- **If the riding mode being configured is currently selected, adjustments to the ABS, MAP and TC systems will become immediately active.**
- **If the riding mode being configured is not currently selected, adjustments to the ABS, MAP and TC systems are saved and will become active the next time the riding mode is selected.**

To configure a riding mode:

With the motorcycle stationary, press and hold the SELECT button to activate the SETTINGS menu.

Use the SCROLL button to select RIDING MODES then press the SELECT button to confirm the selection.



RIDING MODES Menu

Use the SCROLL button to select the riding mode to be configured, then press the SELECT button to enter the selected riding mode's configuration menu.

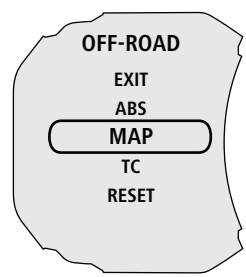
Alternatively, press and hold the MODE button to provide direct access to a riding mode's configuration menu as follows:

From the Home Screen

Press and hold the MODE button while in the Home screen to activate the configuration menu for the currently active riding mode.

From the RIDING MODES Menu

Press and hold the MODE button while in the RIDING MODES menu to activate the configuration menu for the required riding mode.



OFF-ROAD Configuration Menu (MAP Selected)

From a riding mode's configuration menu, press the SCROLL button until the required option is selected. Press the SELECT button to confirm and view the option's menu.

Exit

Select EXIT to return to the RIDING MODES menu.

ABS

ABS Menu (ROAD Selected)

To change the ABS setting:

- From the ABS menu, press the SCROLL button to select the required option. Press the SELECT button to confirm the selection and return to the configuration menu.

Warning

If the ABS is disabled, the brake system will function as a non-ABS braking system. In this situation braking too hard will cause the wheels to lock, and may result in loss of motorcycle control and an accident.

MAP

MAP Menu (ROAD Selected)

To change the MAP setting:

- From the MAP menu, press the SCROLL button to select the required option. Press the SELECT button to confirm the selection and return to the configuration menu.

TC

TC Menu (ROAD Selected)

To change the TC setting:

- From the TC menu, press the SCROLL button to select the required option. Press the SELECT button to confirm the selection and return to the configuration menu.

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.

Reset

RESET Menu (CONFIRM Selected)

To reset the riding modes:

- From the RESET menu, press the SCROLL button to select CONFIRM to return the selected riding mode's configuration to the factory default settings.
- Refer to the table on page **85** for details of the factory default settings for each riding mode.

GENERAL INFORMATION

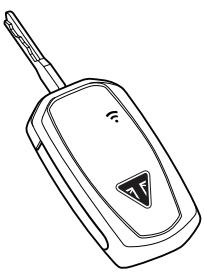
Table of Contents

Hand Controls

Keyless Ignition (if equipped)

The keyless ignition system allows the motorcycle to be started without the use of a mechanical key.

There are three keys supplied with the motorcycle. One smart key and two standard keys.



Smart Key

Note:

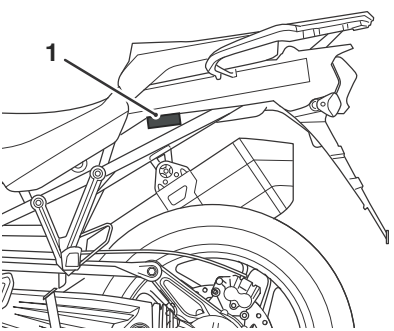
- **An additional smart key can be purchased from your Triumph dealer. However, only three keys can be programmed to the motorcycle. This can be a combination of smart keys and standard keys.**

Smart Key Operation

Press the button on the smart key to turn the key on. The button light shows green briefly to indicate that the smart key is on.

A short press on the smart key button shows the status of the smart key; red is OFF and green is ON. A long press of the button will change the status to OFF or ON after briefly showing the original status color first.

The smart key must be within close proximity (three feet/one meter) of the system sensor, which is located on the left hand side of the motorcycle under the passenger seat. If the smart key is out of range of the sensor then it will be unresponsive and the keyless ignition cannot be activated.



Sensor Location

For more information on starting the engine with keyless ignition, see page **144**.

Caution

All keys supplied with the motorcycle are specific to the individual motorcycle. They cannot be used on another motorcycle.

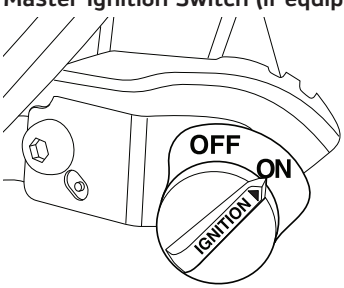
If all keys are lost, misplaced or damaged, then the chassis control unit on the motorcycle will need to be replaced.

To avoid unnecessary cost and time, make sure that all spare keys are kept in a secure location.

Caution

If there is a fault with the smart key or the smart key battery is flat then take the smart key to the nearest Triumph dealer to rectify.

Master Ignition Switch (if equipped)



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Master Ignition Switch

The master ignition switch is only mounted to motorcycles in the United States and Canada. The master ignition switch is located on the right hand side of the instrument panel.

To operate the motorcycle with the keyless ignition, the master ignition switch must be in the ON position.

If the master ignition switch is in the OFF position then the keyless ignition cannot be used and the motorcycle cannot be started.

Ignition Key

Tiger 1200 XR Only

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.

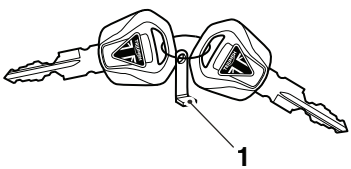
Caution

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.



cixj

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.

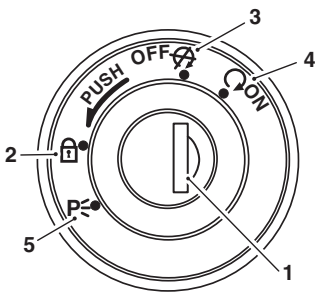
When the motorcycle is delivered from the factory, two ignition keys are supplied together with a small tag bearing the key number. Make a note of the key number and store the spare key and key number tag in a safe place away from the motorcycle.

There is a transponder within the ignition keys to turn off the engine immobilizer. To make sure the immobilizer 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 immobilizer. In this situation the engine immobilizer will remain active until one of the ignition keys is removed.

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

Ignition Switch/Steering Lock

Tiger 1200 XR Only



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

Engine Immobilizer

The ignition barrel housing acts as the antenna for the engine immobilizer.

When the ignition switch is turned to the OFF position and the ignition key is removed, the engine immobilizer is on. The engine immobilizer is turned off when the ignition key is in the ignition switch and it is turned to the ON position.

Ignition Switch Positions

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 handlebar 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, and the position lights will be switched on.

Note:

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

Warning

For reasons of security and safety, always move the ignition switch to the OFF, LOCK or PARK position and remove the key when leaving the motorcycle unattended.

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

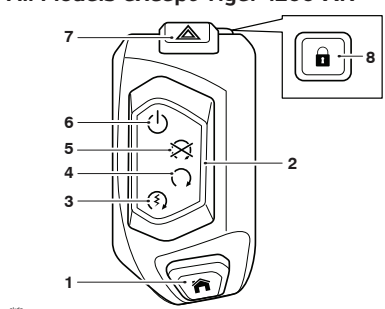
Warning

With the key in the LOCK or P position the steering will become locked.

Never turn the key to the LOCK or P 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.

Right Handlebar Switches

All Models except Tiger 1200 XR



1. **HOME button**
2. **Engine start/stop switch**
3. **QUICK START position**
4. **RUN position**
5. **STOP position**
6. **Power ON/OFF position**
7. **Hazard warning lights switch**
8. **Steering lock button**

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.

QUICK START Position

The QUICK START position operates the electric starter allowing for a quicker ignition start.

From the ignition off, press and hold the engine start/stop switch in the QUICKSTART position with all the correct conditions met, to start the motorcycle.

For more information, see page **144**.

RUN Position

The engine start/stop switch must be in the RUN position for the motorcycle to operate.

STOP Position

The STOP position stops the engine.

Note:

- **Although the engine stop position 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.**

Power ON/OFF Position

The Power ON/OFF position switches the electrical circuits and the instrument display between on or off. This allows access to the instrument display without starting the engine when switched ON.

Caution

Do not leave the switch in the Power ON position for a long period of time as this may cause damage to electrical components and will discharge the battery.

Hazard Warning Lights Button

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

The ignition must be switched on for the hazard warnings lights to be activated, but the hazard lights will remain active if the ignition is switched off until the hazard warning light button is pressed again.

Steering Lock Button

To lock the motorcycle, turn the handlebar fully to the left and press the steering lock button.

When the ignition is off then the engine immobilizer is on. The engine immobilizer is turned off when the ignition is started.

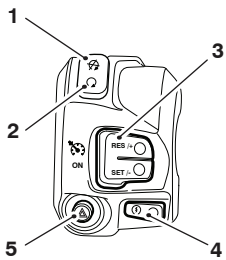
Warning

For reasons of security and safety, always make sure the steering lock is on when leaving the motorcycle unattended.

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

Right Handlebar Switches

Tiger 1200 XR Only



1. Engine stop switch - STOP position
2. Engine stop switch - RUN position
3. Cruise control adjust button
4. Starter button
5. Hazard warning lights button

Engine Stop Switch

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

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

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. Ordinarily, only the ignition switch should be used to stop the engine.**

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.

Starter Button

The starter button 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.**

Cruise Control Adjust Button

The cruise control adjust button is a two way switch with the top marked RES/+ and the bottom marked SET/- (see page **104**).

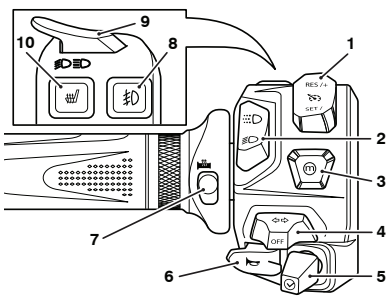
Hazard Warning Lights Button

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

The ignition must be switched on for the hazard warnings lights to be activated, but the hazard lights will remain active if the ignition is switched off until the hazard warning light button is pressed again.

Left Handlebar Switches

All Models except Tiger 1200 XR



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1. **Cruise control adjust switch**
2. **Daytime Running Lights (DRL) switch (if equipped)**
3. **MODE button**
4. **Turn signal switch**
5. **Joystick button**
6. **Horn button**
7. **Heated grips switch**
8. **Front fog lights switch (if equipped)**
9. **High beam button**
10. **Rider's heated seat switch (if equipped)**

Cruise Control Adjust Button

The cruise control adjust button is a two way switch with the top marked RES/+ and the bottom marked SET/-.

For more information on cruise control operation, see page **104**.

Daytime Running Lights (DRL) Switch (if equipped)

When the ignition is switched ON and the daytime running lights switch is set to DRL mode, the daytime running lights warning light will illuminate.

The daytime running lights and low beam headlights are operated manually using the DRL switch. Press the top of the switch for DRL mode, and the bottom of the switch for low beam headlight mode.

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 blind other road users.

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

Note:

- **During daylight hours the daytime running lights improve the motorcycles visibility to other road users.**
- **Low beam headlights must be used in any other conditions unless the road conditions allow for high beam headlights to be used.**

MODE Button

When the MODE button is pressed and released it will activate the Riding Mode Selection Menu in the display screen. Further presses of the MODE button will scroll through the available riding modes (see Riding Mode Selection on page **81**).

Press and hold the MODE button provides direct access to a riding mode's configuration menu.

For more information on riding mode selection and configuration, see page **85**).

Turn Signal Switch

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

Models Equipped with Automatic Self-Canceling Turn Signals

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

A longer press and release of the turn signal switch to the left or right will cause the corresponding turn signals to flash on and off until they are canceled as follows:

The turn signal self-cancel system becomes active eight seconds after operating a turn signal. Eight seconds after turning the turn signal on and after riding a further 213 ft. (65 meters), the turn signal self-cancel system will automatically turn off the turn signals.

To disable the turn signal self-cancel system refer to the Bike Setup section on page **47**.

The turn signals can be canceled manually. To manually turn off the turn signal, press and release the turn signal switch in the central position.

Joystick Button

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

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

Horn Button

When the horn button is pushed, with the ignition switch turned to the ON position, the horn will sound.

Heated Grips Switch

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 colors 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.

Fog Lights Switch (if equipped)

To turn the fog lights on or off, with the headlights on, press and release the fog lights switch. When the fog lights are turned on, the fog lights indicator will illuminate in the display.

Note:

- **The fog lights switch will only operate when the headlights are on.**
- **The fog lights switch will reset to off when the ignition is turned off then on again.**

High Beam Button

The high beam button has a different function depending on whether Daytime Running Lights (DRL) are installed or not. When the high beam is turned on, the high beam indicator light will illuminate in the display.

Models with Daytime Running Lights (DRL)

If the DRL switch is in the Daytime Running Lights (DRL) 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.

If the DRL switch is in the dip beam position, press the high beam button to switch the high beam on. Each press of the button will swap between dip and high beam.

Note:

- **A lighting on/off switch is not installed on this model. The brake/tail light and license plate light all function automatically when the ignition is turned to the ON position.**
- **The headlight will function when the ignition is turned on and the engine is running.**

Models without Daytime Running Lights (DRL)

Press the high beam button to switch the high beam on. Each press of the button will swap between dip and high beam.

Note:

- **A lighting on/off switch is not installed on this model. The position light, brake/tail light and license plate light all function automatically when the ignition is turned to the ON position.**
- **The headlight will function when the ignition is turned on and the engine is running.**

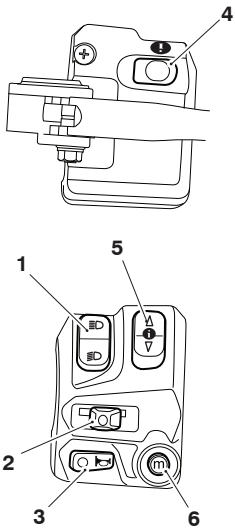
Rider's Heated Seat Switch (if equipped)

The rider's heated seat will only heat when the engine is running. When the rider's heated seat is switched on, then the rider's heated seat symbol will appear in the display. The selected heat level will also be indicated by the color of the symbol.

For more information, see page **124**.

Left Handlebar Switches

Tiger 1200 XR Only



1. **Headlight dimmer switch**
2. **Turn signal switch**
3. **Horn button**
4. **Instruments SELECT button**
5. **Instruments SCROLL button**
6. **MODE button**

Headlight Dimmer Switch

High or dip beam can be selected with the headlight dimmer switch. To select high beam, push the switch forward. To select dip beam, push the switch rearwards. When the high beam is turned on, the high beam indicator light will illuminate in the tachometer.

Pass Function

With the headlight dimmer switch set to the dip beam position, pressing the bottom of the switch will activate the pass function.

When pressed, the headlight high beam will be switched on. It will remain on as long as the switch is held in and will turn off as soon as the switch is released.

Note:

- **A lighting on/off switch is not installed on this model. The position light, brake/tail light and license plate light all function automatically when the ignition is turned to the ON position.**
- **The headlight will function when the ignition switch is turned to the ON position and the engine is running.**

There are two alternate ways to turn on the headlight without the engine running:

- Pull in the clutch lever then turn the ignition to the ON position. The headlight will be on and will remain on when the clutch lever is released.
- With the ignition on and the headlight dimmer switch set to the dip beam position, pressing the bottom of the switch will activate the headlight. The headlight will remain on when the switch is released.

The headlight will go off while pressing the starter button until the engine starts.

Turn Signal Switch

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

Horn Button

When the horn button is pushed, with the ignition switch turned to the ON position, the horn will sound.

Instrument SELECT Button

When the SELECT button is pressed and released it will select the menu highlighted in the multifunction display screen.

Pressing and holding the SELECT button when the motorcycle is stationary will activate the Settings Menu in the multifunction display (see Settings Menu on page **74**).

Instrument SCROLL Button

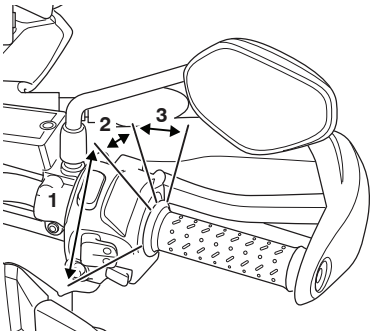
When the SCROLL button is pressed and released it will scroll through the menu visible in the instrument's display screen.

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 Riding Mode Selection on page **81**).

Pressing and holding the MODE button will provide direct access to a Riding Mode's Configuration Menu (see Riding Mode Configuration on page **85**).

Throttle Control



1. **Throttle open position**
2. **Throttle closed position**
3. **Cruise control cancel position**

This Triumph model has an electronic throttle twist grip to open and close the throttle via the engine control unit. 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 throttle. When the grip is released it will return to the throttle closed position by its internal return spring and the throttle will close.

From the closed position, the throttle twist grip can be rolled forward 0.12 - 0.16 in (3 - 4 mm) to deactivate the cruise control (see page **106**).

There are no user adjustments for the throttle control.

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

Brake Use

Warning

Reduce speed and do not continue to ride for longer than is necessary with the malfunction indicator light 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 motorcycle control and an accident.

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

At low throttle opening (approximately 68°F (20°C)), the brakes and throttle can be used together.

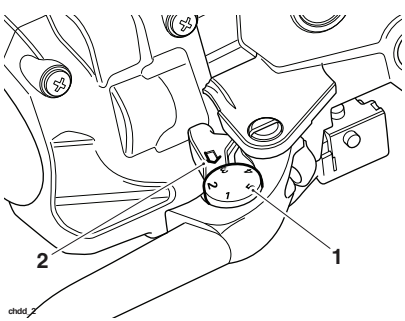
At high throttle opening (greater than 68°F (20°C)), if the brakes are applied for more than two seconds the throttles will close and the engine speed will reduce. To return to normal throttle operation, release the throttle control, release the brakes and then re-open the throttle.

Brake and Clutch Lever Adjusters

Warning

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

After adjusting the lever, 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.



1. **Adjuster wheel, brake lever shown**
2. **Arrow mark**

An adjuster is mounted to both the front brake and clutch levers. The adjusters allow the distance from the handlebar to the lever to be changed to one of five positions for the front brake lever or four positions for the clutch lever, to suit the span of the operator's hands.

To adjust the lever:

- Push the 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 lever is shortest when set to number five, and longest when set to number one.

Cruise Control

Warning

Cruise control must only be used where you can drive 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 traveled. Operating a motorcycle at high speeds can be potentially dangerous since the time available to react to given traffic situations is greatly reduced as speed increases. Always reduce speed in consideration of weather and traffic conditions.

Warning

Only operate this Triumph motorcycle at high speed in closed-course, on-road competition or on closed-course racetracks. High speed operation should only then be attempted by riders who have been instructed in the techniques necessary for high speed riding and are familiar with the motorcycle's behavior in all conditions.

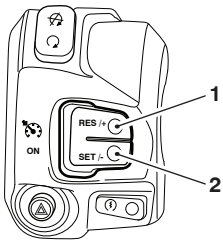
High speed operation in any other circumstances is dangerous and will lead to loss of motorcycle control and an accident.

Note:

- **Cruise control may not function if there is a malfunction with the ABS system and the ABS warning light is illuminated.**
- **Cruise control will continue to function if a riding mode is selected with ABS set to Off-Road or Off.**
- **Cruise control will continue to function if ABS has been disabled.**

Tiger 1200 XR Only

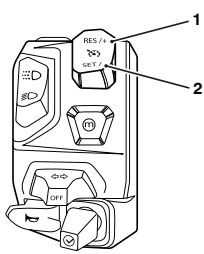
The cruise control buttons are located on the right hand switch housing and can be operated with minimum movement by the rider.



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

All Models except Tiger 1200 XR

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 cannot be activated until all the conditions described on page **105** have been met.

Activating Cruise Control

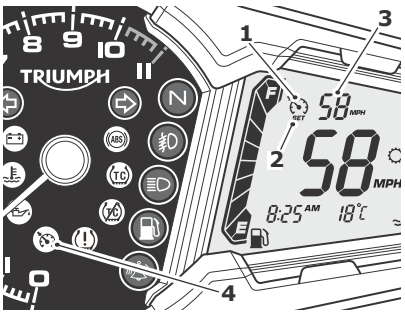
To turn on the cruise control system, press the SET/- button. The cruise control symbol will be shown in the display screen. The cruise control set speed will be shown as '--' indicating that a speed has not yet been set.

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

- The motorcycle must be traveling at a speed between 19 to 100 mph (30 to 160 km/h).
- The motorcycle must be in 3 rd 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.

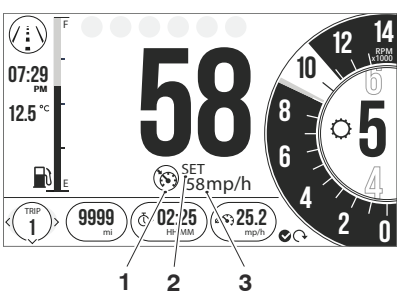
The word SET will be shown next to the cruise control symbol. The cruise control set speed will be shown and the cruise control light will illuminate in the tachometer indicating that cruise control is active.

Tiger 1200 XR Only



1. **Cruise control symbol**
2. **Cruise control set indicator**
3. **Cruise control set speed**
4. **Cruise control light**

All Models except Tiger 1200 XR



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 **106**.
- Cruise control is deactivated as described on page **106**.

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 desired 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 desired 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 **107**, 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 traveling at a speed between 19 to 100 mph (30 to 160 km/h) and be in 3rd 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.**

Triumph Semi Active Suspension (TSAS) (if equipped)

Note:

- **All models except for Tiger 1200 XR are equipped with Triumph Semi Active Suspension (TSAS).**

Warning

After adjusting the suspension, 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 suspension settings from the one you are familiar with causing loss of motorcycle control and an accident.

The Triumph Semi-Active Suspension System (TSAS) controls adjustment of the front and rear suspension damping and automatic rear suspension preload settings.

TSAS allows a convenient remote adjustment of the TSAS mode and damping settings through the instruments, while the motorcycle is stationary or moving.

TSAS adjustments are made instantaneously once a new mode or damping setting has been selected and the engine is running.

TSAS Modes

The following TSAS modes are available for selection:

- Auto - The TSAS system will automatically detect the type of surface being ridden on (road or off-road) and will adjust rebound and compression damping settings accordingly.
- Off-Road - Optimal TSAS settings for off-road use.

TSAS Damping Settings

There are a total of nine damping settings available for selection ranging from COMFORT (soft) to SPORT (firm) with the three main settings being:

- COMFORT
- NORMAL
- SPORT.

For more information on accessing the TSAS settings, see page **45**.

System Calibration

The TSAS system will recalibrate adjustment motors under the following conditions:

- If the battery has been disconnected for any reason.
- If a fault occurs with the TSAS system during normal operation.

The warning light will flash twice every second during system recalibration.

To allow the system to calibrate correctly, the following procedure must be adhered to:

- Turn the ignition on. Do not start the engine.
- Wait for the warning light to stop flashing indicating that adjustment motor calibration is complete.
- Start the engine. If the warning light resumes flashing. the adjustment motors are being recalibrated due to low battery voltage.
- Wait for the warning light to stop flashing before riding the motorcycle.

Failure to follow this procedure will cause the recalibration to be stopped and the warning light to remain lit.

In this case the warning light will extinguish once the recalibration is next allowed to complete.

Traction Control (TC)

Warning

The traction control and optimized 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

• braking.

Traction control or optimized 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.

All motorcycles are equipped with Traction Control (TC).

Traction control is a system that 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 indicator light will flash while it is engaged and the rider may notice a change to the sound of the engine.

For information on the traction control indicator light operation, see page **26** and page **62**.

Optimized Cornering Traction Control (if equipped)

Note:

- **All models except Tiger 1200 XR are equipped with optimized cornering Traction Control (TC).**

Optimized cornering traction control is a system designed to give the rider increased control should the traction control be activated while the motorcycle is leaning in a corner.

The system constantly monitors the lean angle of the motorcycle and adapts the level of traction control intervention to maintain rear wheel traction during cornering.

Warning

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

In the event of a fault, the TC disabled warning light may be accompanied by the engine management system malfunction indicator light and/or the ABS warning light.

Do not continue to ride for longer than is necessary with any of the above warning lights illuminated. Contact an authorized Triumph dealer as soon as possible to have the fault checked and rectified.

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

Warning

If a fault occurs with the optimized cornering TC system, the TC disabled warning light will illuminate and a message will be shown in the display.

In this situation, the TC system will continue to operate but without the optimized cornering function, provided that:

• There are no other faults with the TC system.

• TC has NOT been disabled by the rider (see Bike Setup on page **48** or Riding Mode Configuration on page **44**).

Care must be taken when accelerating and cornering on wet/slippery road surfaces to avoid rear wheel spin.

In the event of a fault, the TC disabled warning light may be accompanied by the engine management system malfunction indicator light and/or the ABS warning light.

Do not continue to ride for longer than is necessary with any of the above warning lights illuminated. Contact an authorized Triumph dealer as soon as possible to have the fault checked and rectified.

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

Note:

- **TC and optimized TC control (if equipped) may not function if there is a malfunction with the ABS system. In this situation, the warning lights for the ABS, TC and the MIL may be illuminated.**

For full details of the TC disabled warning light operation and its associated instrument warning messages, see page **27**.

Traction Control Settings

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 TC system can be disabled as described in Bike Setup on page **48**, or set to the conditions described in Riding Mode Configuration on page **44**.

Tire Pressure Monitoring System (TPMS) (if equipped)

Warning

The daily check of tire pressures must not be excluded because of the installation of the TPMS. Check the tire pressure when the tires are cold and using an accurate tire pressure gage (see page **189**).

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

Function

Tire pressure sensors are mounted to the front and rear wheels. These sensors measure the air pressure inside the tire and transmit pressure data to the instruments. The sensors will not transmit data until the motorcycle reaches a speed of approximately 12 mph (20 km/h). Two dashes will be visible in the system display until the tire pressure signal is received.

After bring the motorcycle to a stop, the sensors continue to transmit data for approximately seven minutes before switching off. The tire pressure values remain visible in the system display until the sensors switch off.

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

Note:

- **The Tire Pressure Monitoring System (TPMS) is available as an accessory kit. It must be installed by your authorized Triumph dealer.**
- **The TPMS display on the instruments will only be activated when the system has been installed.**

Tire Pressure Sensor Serial Number

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

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

Front Tire Pressure Sensor

Rear Tire Pressure Sensor

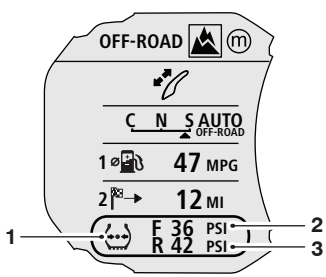
System Display

The tire pressure warning light works in conjunction with the Tire Pressure Monitoring System (TPMS).

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

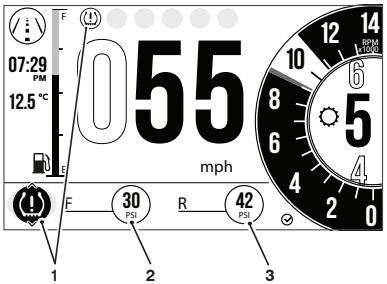
When the warning light is illuminated, the TPMS symbol indicating which is the deflated tire and its pressure will automatically be shown in the display.

Tiger 1200 XR Only



1. **TPMS symbol**
2. **Front tire pressure indicator**
3. **Rear tire pressure indicator**

All Models except Tiger 1200 XR



1. **Warning lights**
2. **Front tire pressure indicator**
3. **Rear tire pressure indicator**

The tire pressure at which the warning light illuminates is temperature compensated to 68°F (20°C) but the numeric pressure display associated with it is not. Even if the numeric display seems at or close to the standard tire pressure when the warning light is on, a low tire pressure is indicated and a puncture is the most likely cause.

Warning

Stop the motorcycle if the tire pressure warning light illuminates.

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

The motorcycle information display will automatically switch to the tire pressure display when a low tire pressure is detected.

Dashes will be displayed in the tire pressure display until the motorcycle reaches a speed of approximately 12 mph (20 km/h).

Sensor Batteries

When the battery voltage in a pressure sensor is low a message will be shown in the 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 display screen, the red TPMS warning light will be on and the TPMS symbol will flash continuously. A message will also be shown in the display.

Contact your authorized Triumph dealer to have the sensor replaced and the new serial number recorded in the spaces provided on page **112**.

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

TPMS System Fault

If a fault occurs with the TPMS system, the red TPMS warning light will be illuminated and the message SENSOR SIGNAL FRONT/REAR TIRE will be shown in the display. Contact your authorized Triumph dealer to have the fault rectified.