



3.4 Handlebar controls, right side

Engine stop switch

Stops the engine and prevents it from being restarted.

Engine start button

Starts the engine. To be released as soon as the engine starts. When the engine is running, pressing the button selects the display functions.

Cold start (choke) lever

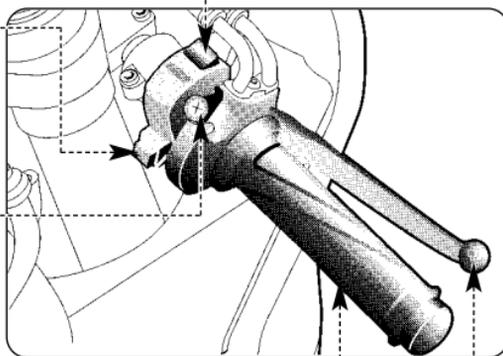
Rotate clockwise when cold starting. After a few seconds, bring the lever back to the home position.

Throttle twist grip

Rotate to control the engine fuel supply.

Front brake lever

Pull to the handgrip to operate the front brake.



**Engine stop switch**

It is used to switch off the engine in an emergency. The ignition circuit is disabled, preventing the engine from being restarted. To be able to restart the engine, bring the switch back to the home position.

NOTE

Under normal conditions, do not use this switch to shut off the engine.

3**Engine start button**

It is used to start the engine and, when the engine is running, to select the different functions of the display installed on the instrument panel.

**DANGER**

To avoid damaging the electrical equipment, be sure not to hold down the button for longer than 5 consecutive seconds.

If, after several attempts, the engine does not start, refer to the chapter “TROUBLESHOOTING” later in this manual.

Cold start (choke) lever

It facilitates cold starts by acting on the fuel supply.

**NOTE**

This function must remain active only for a short time depending on the engine and outside temperatures. As soon as the idle speed keeps the engine running, it is advisable to disable the control.

Throttle twist grip

It controls the fuel supply, making it possible to change the speed of the engine. To operate the device, rotate the handgrip from the home position, corresponding to the idle speed.

When cold starting (choke on), rotating the handgrip towards the throttle closing position brings the choke lever back to the home position.

Front brake lever

It controls a hydraulic circuit that operates the front wheel braking system.



3.5 Ignition switch and steering lock

 **Danger - Warning:** Do not attach a ring or any other object to the ignition key as they may hinder the steering action.

The ignition switch enables and disables the electrical circuit and the steering lock. The four positions of the switch are described below.

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OFF position

All electrical circuits are deactivated. The key can be extracted.

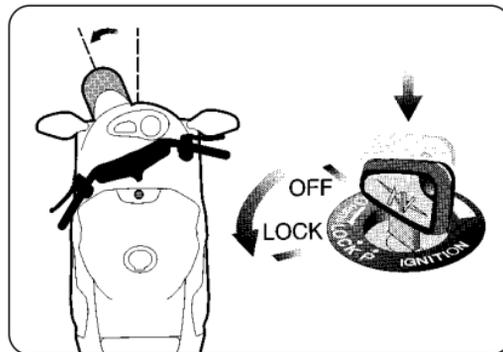
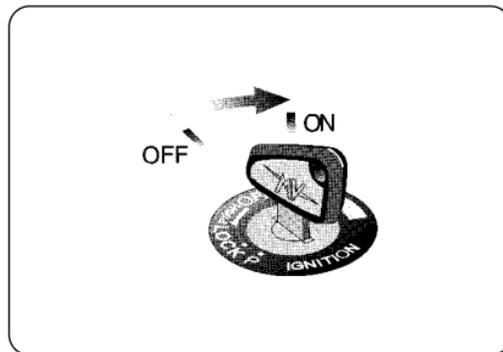
ON position

All electrical circuits are activated. The instruments and warning lights perform the self-diagnostic cycle. The engine can be started. The key cannot be extracted.

 **WARNING**
Never attempt to change the switch functions while riding, as you may lose control of the vehicle.

LOCK position

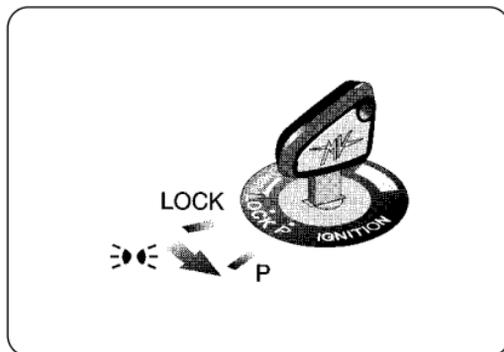
Turn the handlebar to the left or right. Press the key in gently while rotating it to the LOCK position. All electrical circuits are deactivated and the steering is locked. The key can be extracted.





P (PARKING) position

Turn the key from the LOCK position to the P position. All electrical circuits are deactivated except the parking lights. The steering is locked. The key can be extracted.

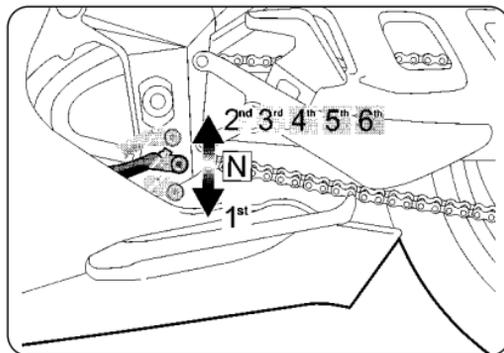
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3.6 Gear lever

The **N** (neutral) position is indicated by the related warning light on the instrument panel.

To change into first gear, shift the lever down.

To change into second gear, shift the lever up. Shifting the lever up repeatedly engages all the other gears in succession up to the sixth speed.

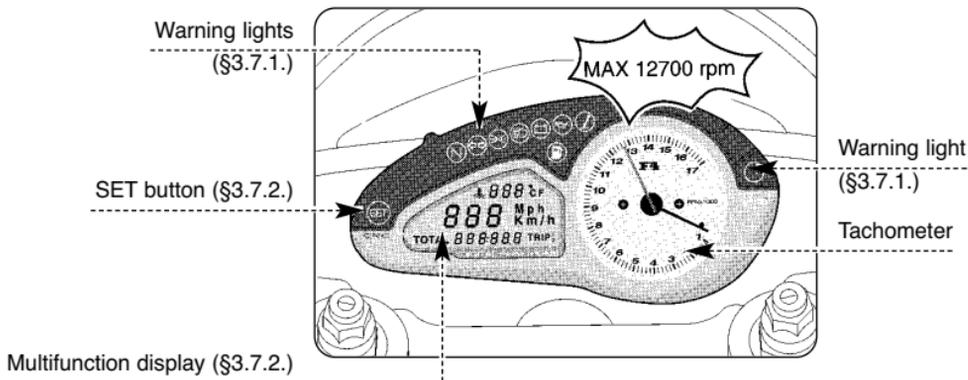




3.7 Instruments and warning lights

The instruments and warning lights are activated by turning the ignition switch to the ON position. After a preliminary check (approx. 7 seconds) the displayed information reflects the current general condition of the motorcycle.

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3.7.1 Warning lights

High beam warning light (blue)

Lights up when the high beam is activated.

Low beam warning light (green)

Comes on when the low beam is activated.

Neutral indicator (green)

Lights up when the gears are in neutral.

Turn indicator light (green)

Lights up when the turn indicators are activated.

Reserve fuel indicator (amber)

Comes on when approximately 4 litres of fuel are left.

Battery charge indicator (red)

Lights up when the alternator does not supply enough current to charge the battery.

If the indicator comes on while riding, contact an authorized service centre.

Sidestand down warning light (red)

Lights up when the sidestand is down.

Rev limiter warning light (red)

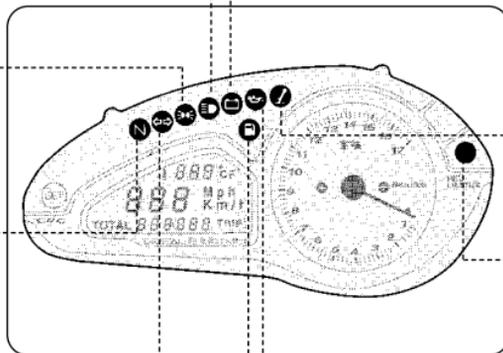
Lights up when the engine speed exceeds 12,700 rpm. The rev limiter trips at 13,100 rpm.

Engine oil pressure warning light (red)

Lights up when the oil pressure is insufficient.



Danger - Warning: If the warning light comes on while riding, stop the motorcycle immediately. Check and if necessary restore the oil level. If the warning light comes on even if the oil level is correct, do not resume riding and contact an authorized service centre.





3.7.2 Multifunction display

Speedometer

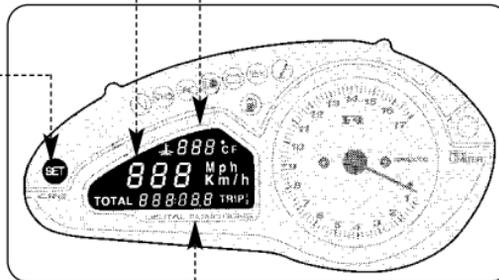
Measures the speed of the vehicle. The speed can be displayed in kilometres per hour (km/h) or miles per hour (mph). The full-scale value is 320 km/h (200 mph).

Thermometer

Displays the coolant temperature in degrees centigrade (° C) or Fahrenheit (° F).
The display range is 40° to 140° C (104° to 284° F):

SET button

Pressing the button allows the setting of the different display functions. Pressing the button again confirms the entered values.



TOTAL mileage counter

Displays the total distance covered: from 0 to 999,000 (km or mi)

TRIP 1 mileage counter

Displays a first trip mileage count: from 0 to 9,999.9 (km or mi)

TRIP 2 mileage counter

Displays a second trip mileage count: from 0 to 9,999.9 (km or mi)

Clock

Displays the time (0÷24)

- Below 40° C (104° F) no temperature is displayed but three blinking lines denote a very low temperature.
- Between 40° and 49° C (104° and 120° F) the temperature reading blinks to indicate a low temperature.
- Between 50° and 105° C (122° and 221° F) the temperature reading is fixed.
- Between 106° and 140° C (223° and 284° F) the temperature reading blinks to indicate a high temperature.



Danger - Warning: If the temperature exceeds 115° C (239° F), stop the motorcycle, check and if necessary restore the coolant level. If the high temperature indication is given even when the coolant level is correct, do not resume riding and contact an authorized service centre.



4.1 Using the motorcycle

This section provides the basic information needed to correctly operate the motorcycle:

- Running-in (§ 4.2)
- Starting the engine (§ 4.3)
- Setting the display functions (§ 4.4)
- Selecting the display functions (§ 4.5)
- Refuelling (§ 4.6)
- Glove compartment (§ 4.7)
- Parking the motorcycle (§ 4.8)
- Preriding checks (§ 4.9)
- Riding (§ 4.10)



4.2 Running-in



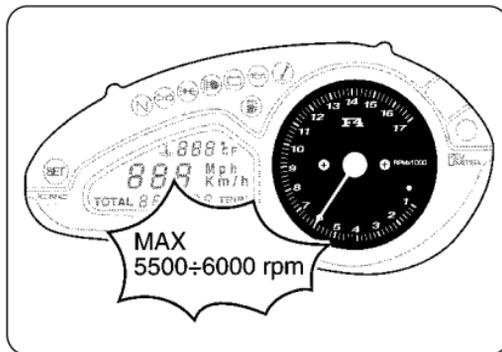
Caution: Failure to observe the indications provided below can reduce performance and shorten the life of the motorcycle.

Running-in is generally considered to apply only to the engine. In fact, it should be regarded as an essential phase for other important parts such as the tyres, the brakes and the drive chain. During the very first kilometres, adopt a relaxed riding style.

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0 to 500 km (0 to 300 mi) (A)

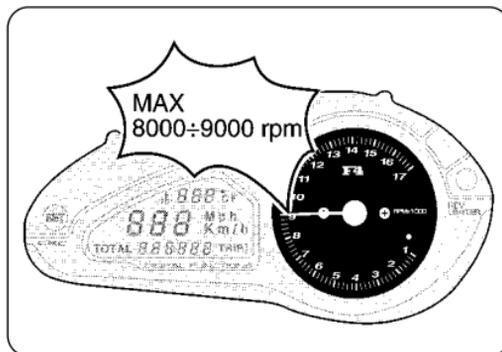
Frequently change the engine speed. If possible, prefer hilly routes with gentle slopes and many bends. Avoid long straight stretches.





□ 500 to 1000 km (300 to 600 mi)

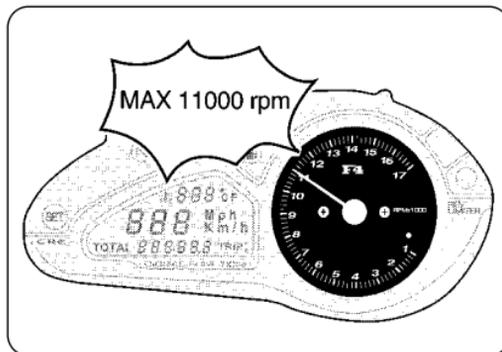
Avoid subjecting the engine to prolonged strain.



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□ 1000 to 2500 km (600 to 1600 mi)

Higher engine performance can be demanded, but it is advisable not to exceed the engine speed shown in the figure..





4.3 Starting the engine



Caution: Avoid warming up the engine while the vehicle is stationary. It is advisable to bring the engine to the working temperature by riding at reduced speed.

► Turn the ignition switch to the ON position. The instruments and the warning lights will go through the self-diagnostic cycle. Make sure the gears are in neutral.

❑ Cold starting

► Rotate the CHOKE lever without turning the throttle twist grip and then press the start button.

► As soon as the engine starts, release the button and, after warming up the engine for a short time, bring back the CHOKE lever to the home position.

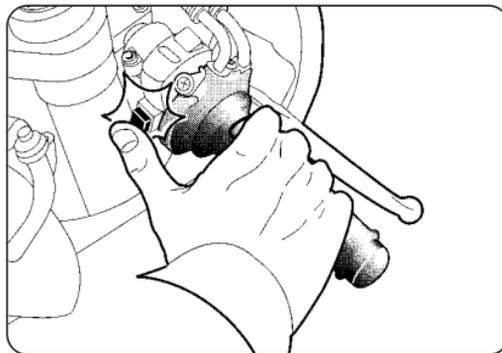
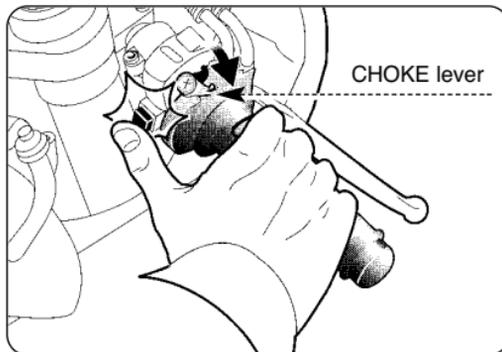
❑ Hot starting

► Press the start button without turning the throttle twist grip.

► As soon as the engine starts, release the button.



Caution: Do not press the start button for longer than 5 consecutive seconds.





4.4 Setting the display functions

The following functions can be set: clock, speedometer and thermometer units.

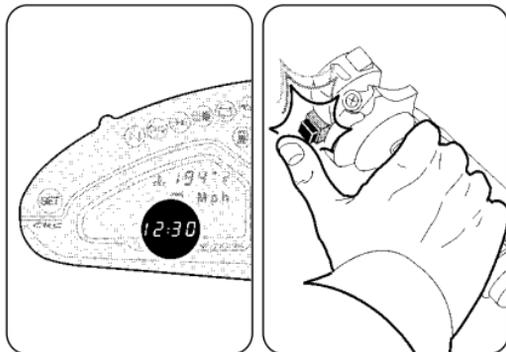


WARNING

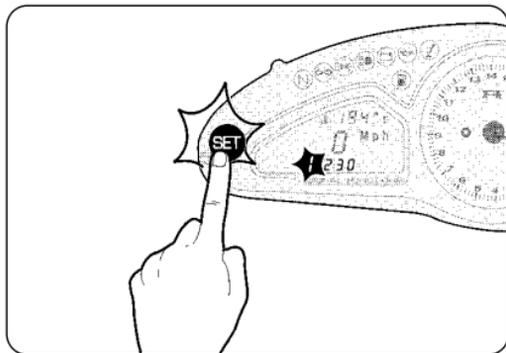
The operation must be performed while the engine is running, the gears are in neutral, the motorcycle is stationary, and with the feet on the ground. Do not set the display functions while riding.

□ Clock (hours and minutes)

- ▶ Repeatedly press the button until the time is displayed.
- ▶ Press the SET button – the first hour digit will start blinking.



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- ▶ Hold down the button and release it as soon as the desired figure is displayed.
- ▶ Repeat the procedure to set the second hour digit and the first and second minute digits.

NOTE

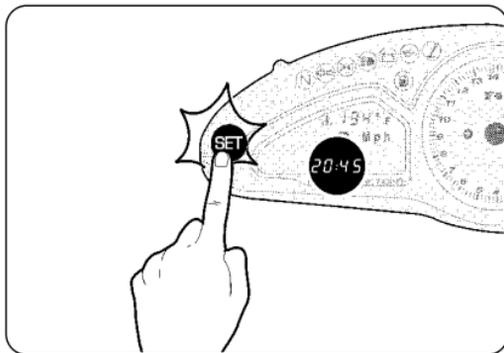
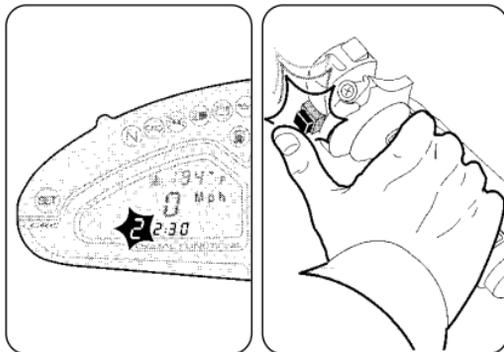
To quickly cycle through the selected digit, hold the start button depressed for longer than two seconds.

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NOTE

The instrument panel has an integrated memory which retains all the parameters even when the engine is not running. Except for the clock, which is reset, all the parameters are retained even when the battery is disconnected.

- ▶ Press SET to confirm the time and exit the set (blinking) mode.



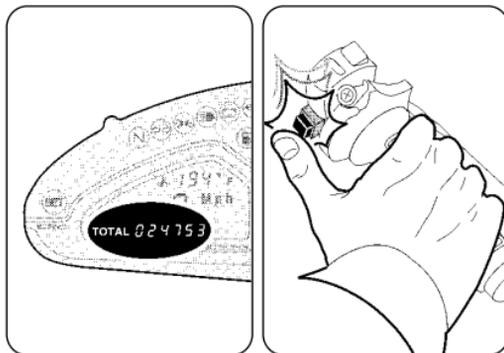


OPERATION

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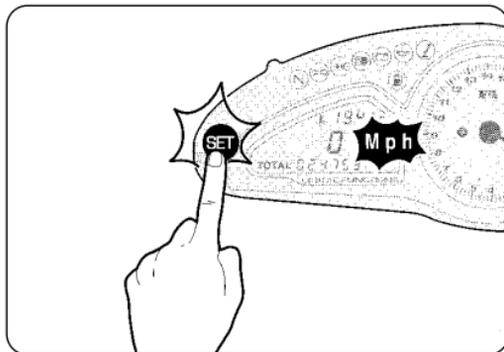
❑ Speedometer (km/h - mph)

▶ Repeatedly press the button until the TOTAL counter function is displayed.



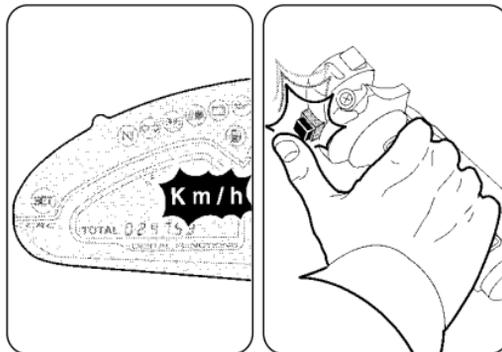
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▶ Press the SET button. The speedometer unit will start blinking.



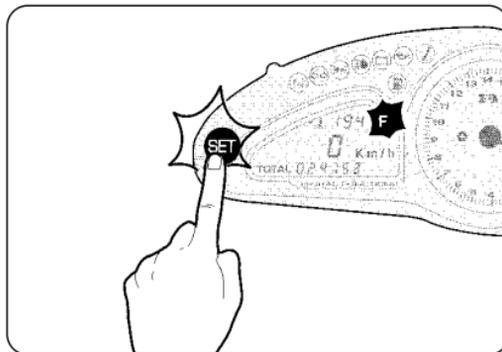


► Press the button to toggle between km/h and mph. Changing the speedometer unit also changes the units for the total and trip mileage counters.



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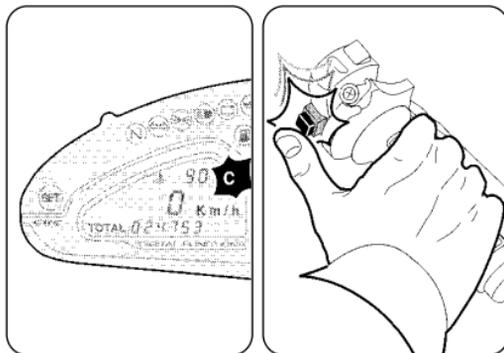
► Press SET to confirm the speedometer unit. The thermometer unit will start blinking, indicating that the display is ready for the next setting.





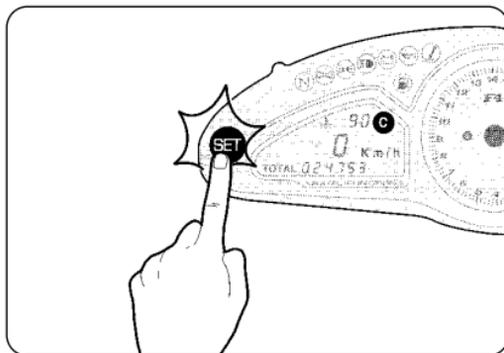
□ Thermometer (° C - ° F)

- ▶ Press the button to toggle between ° C and ° F.



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- ▶ Press SET to confirm the temperature unit.



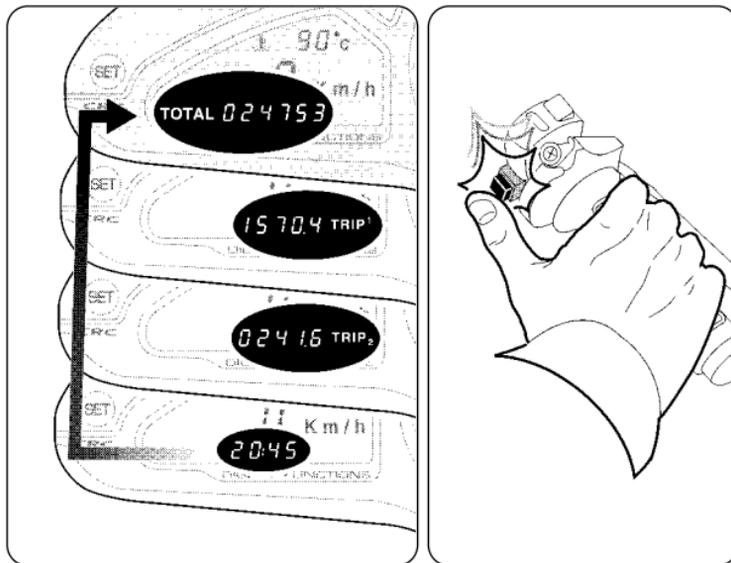


4.5 Selecting the display functions

Selectable functions include the TOTAL, TRIP 1 and TRIP 2 mileage counters, and the clock. The selection must be performed while the engine is running.

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► Pressing the button repeatedly cycles through the different functions.



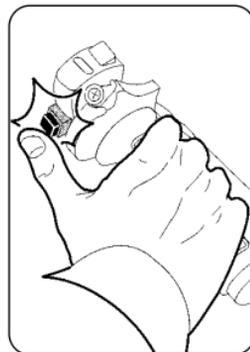
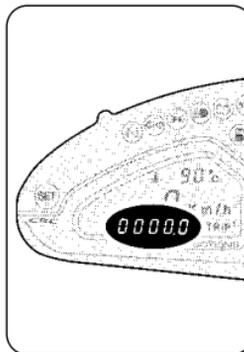
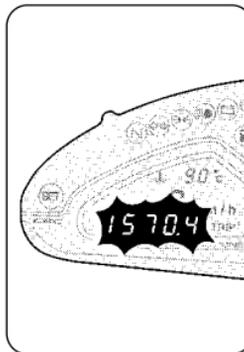


❑ Resetting the trip mileage counters

The TRIP 1 and TRIP 2 counters can be reset as follows:

▶ Press the button for longer than four seconds. The mileage will start blinking.

▶ Pressing the button for less than four seconds sets the mileage to zero. If, on the other hand, the button is pressed for longer than four seconds the entire resetting procedure is cancelled.





4.6 Refuelling

 **Danger - Warning:** When refuelling, switch off the engine, avoid smoking, and keep away from flames, sparks and heat sources.

 **WARNING**
Petrol and its fumes are highly toxic and flammable. Avoid contact and inhalation.

 **Caution:** Only use high-octane unleaded petrol. A green dot on the lower side of the tank cap serves as a reminder of this.

- ▶ Lift the dust cover.
- ▶ Insert the key into the lock, rotate it clockwise and lift the tank cap.
- ▶ After refuelling, press down the tank cap while rotating the key clockwise to facilitate the locking. Then release the key and extract it.

