



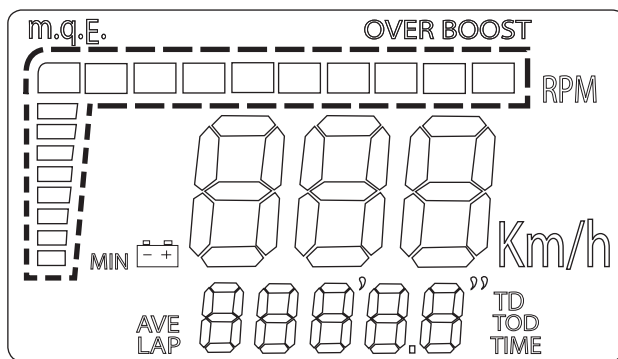
MANUALS AND METHODS

SALES DIVISION
TECHNICAL NETWORK LEADERSHIP

XPS STREET

ELECTRONIC INSTRUMENT FUNCTIONING PRINCIPLE

General points:



When the ignition is turned on, the different functioning tests are carried out automatically for 4 seconds.

See chapter: Ignition on.

After the test, the screen reverts to the normal mode and goes to the function that was last used.



If the control button is not actuated and if the vehicle is not running for more than 1 minute, the screen will be switched off automatically.

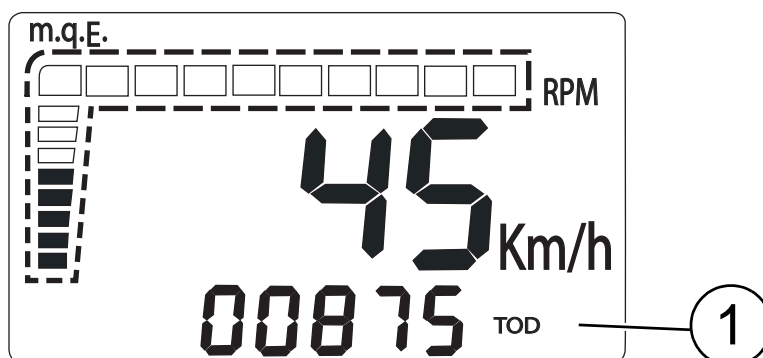
Actuating the button will "wake up" the system and the test of the control panel is carried out.

If the vehicle is running, the system is woken up instantaneously, and no test is carried out.

	Dealership	Spare parts	Mechanic 1	Mechanic 2	Mechanic 3
SIGN ATUR					

Choosing the function:

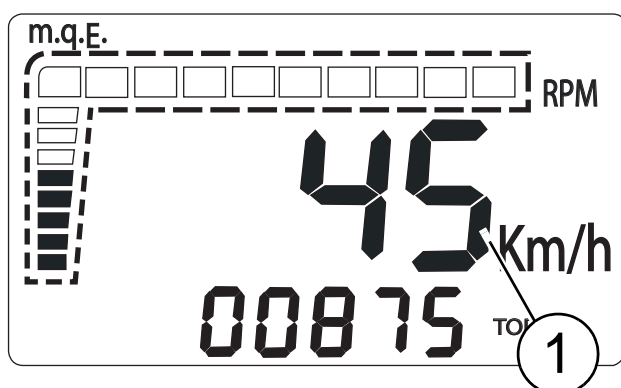
Vehicle stopped or vehicle running. Pressing the button several times for less than 3 seconds allows you scroll the functions.



The function is displayed at the bottom of the screen (1).

Scrolling order of the functions: Tripmeter (TD), Chronometer (LAP), Average speed (AVE), Odometer (TOD), Engine speed (RPM).

Tripmeter:

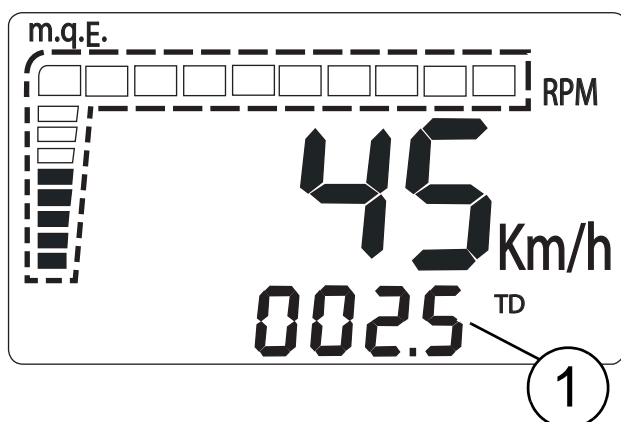


Vehicle speed.

Note:

When the chosen unit is Mph, the speed displayed has no units.

Daily:



TD

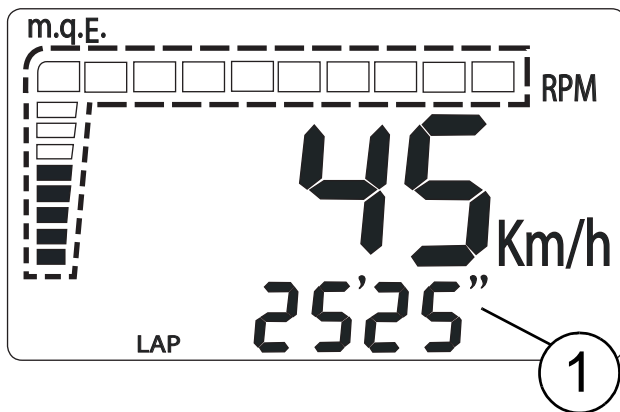
Choose TD mode.

The tripmeter displays and stores the number of kilometers travelled during a given period.

The tripmeter is reset by pressing the control button for more than 3 seconds.

Resetting the tripmeter (TD) implies that the chronometer (LAP) and the average speed (AVE) are reset.

Chronometer:



LAP

Choose LAP mode.

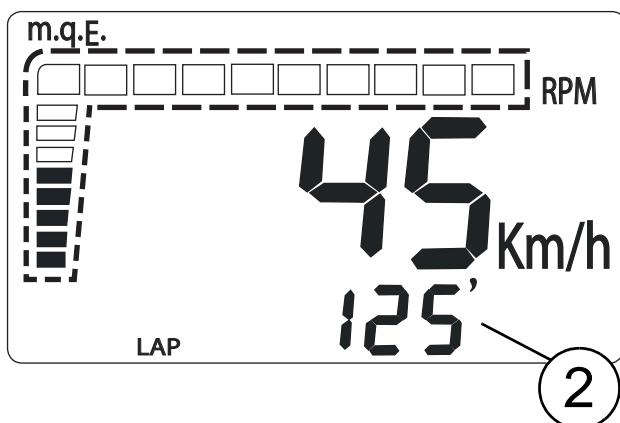
The time taken by the vehicle to travel the distance displayed by the tripmeter (TD).

Either in mm:ss or hh:mm according to the vehicle running time.

In relation with the tripmeter.

Reset of the chronometer is carried out at the same time as the reset of the trip odometer.

Display (1) of minutes and seconds when the time is less than 1 hour.

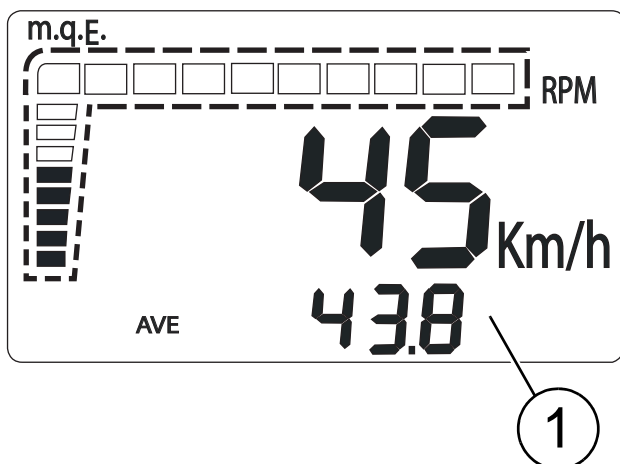


Display (2) of hours and minutes when the time is more than 1 hour.

The chronometer is reset by pressing the control button for more than 3s.

Resetting the chronometer (LAP) implies that the tripmeter (TD) and the average speed (AVE) are reset.

Average speed:



AVE

Choose AVE mode.

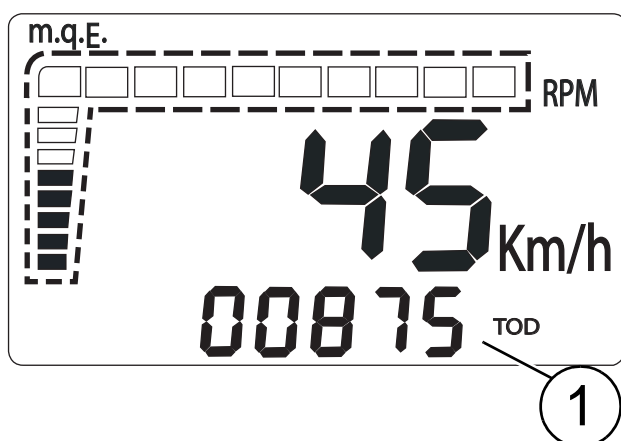
Vehicle average speed during riding time (LAP) and in relation with the tripmeter (TD).

Reset of the average speed is carried out at the same time as the reset of the tripmeter.

The average speed is reset by pressing the control button for more than 3 seconds.

Resetting the average speed (AVE) implies that the chronometer (LAP) and the tripmeter (TD) are reset.

The total distance:



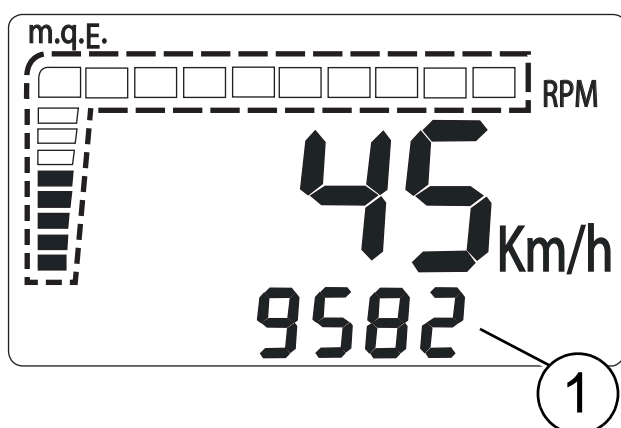
TOD

Choose TOD mode.

Total distance (1) displays and memorises the total distance covered by the machine.

The machine total kilometres remains in the memory when the battery is disconnected.

Engine speed:



RPM

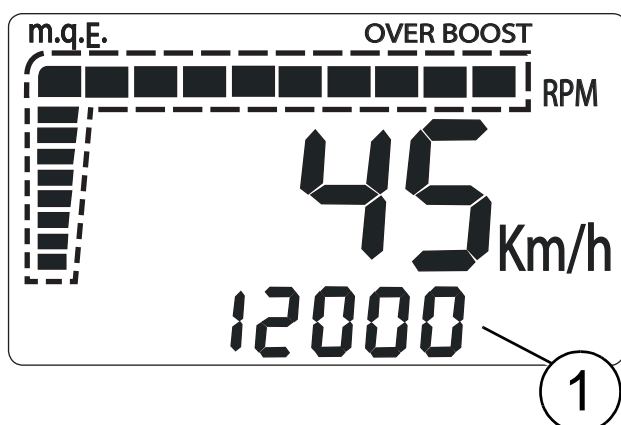
Choose RPM mode.

Engine speed.

The engine speed is indicated in revolutions per minute.

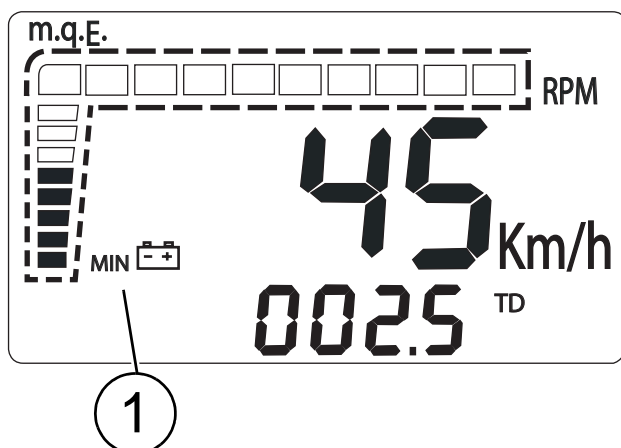
The unit is not displayed.

Engine overspeed:



When the engine speed exceeds the maximum limit, "OVER BOOST" is displayed on top of the screen.

Battery voltage:

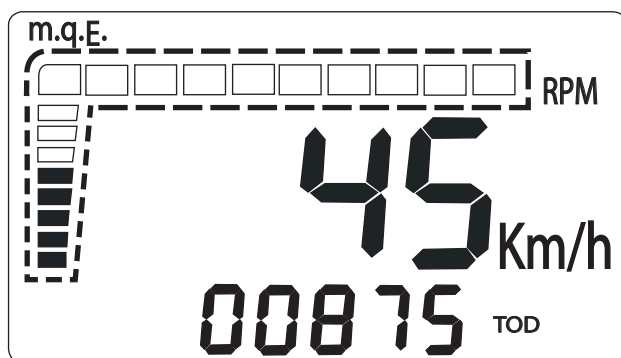


The battery charge telltale blinks if the battery's voltage goes below 9 volts and it stops blinking when the voltage goes back over 9.5 volts.

Initializing the system:

In case the instrument panel must be changed, you must program it by entering the wheel circumference, the unit to be used, the number of pulses sent by the sensor per wheel revolution, and the number of pulses per engine revolution.

Machine	Circumference	Speed pulses	Engine speed pulses
XPS Street	1845	6	3



Machine stopped.
Choose TOD mode.



Press the control button (for more than 3s) until the screen displays only the wheel circumference.
The first character blinks.
Set the value of the vehicle's wheel circumference.
Pressing the control button quickly will allow you to change the value.
Pressing the button for more than 3s will allow you to change the character.
Values that are possible: from 1000 mm to 2500 mm per pitch of 1 mm.



Pressing the control button for more than 3s will allow you to set the unit of measurement.

The chosen value blinks.

To change the value, press the control button quickly.

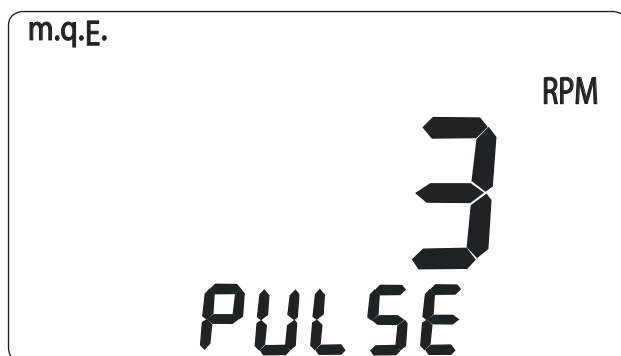


Pressing the control button for more than 3s will allow you to set the number of pulses per wheel revolutions.

The chosen value blinks.

To change the value, press the control button quickly.

Values that are possible: from 1 to 12 pulses per wheel revolution.



Pressing the control button for more than 3s will allow you to set the number pulses per engine revolution.

The chosen value blinks.

To change the value, press the control button quickly.

Values that are possible: from 1 to 6 pulses per engine revolution.

To revert to normal display press the control button for more than 3s.

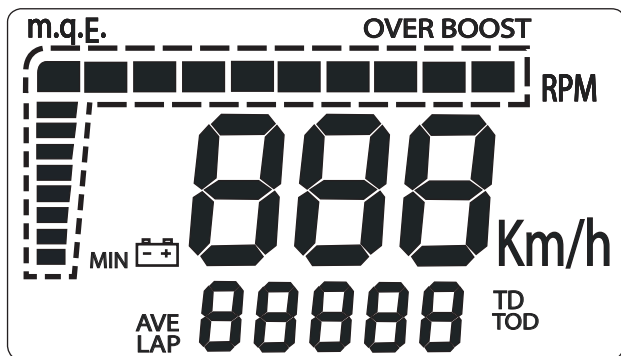
When setting::



If the system is not activated and remains on standby for more the 20s, the display automatically reverts to the standard mode.

If the vehicle is moving (speed >0) the display automatically reverts to the standard mode.

Ignition on

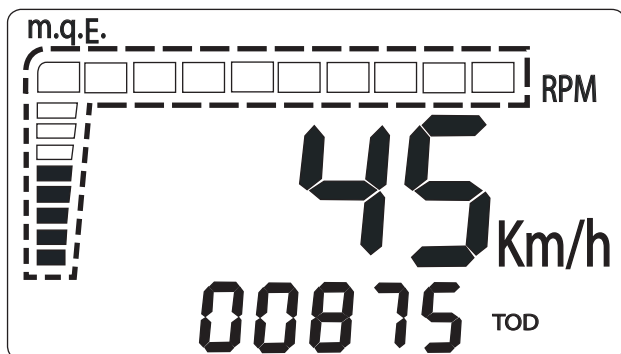


When the ignition is turned on, different functioning tests are performed automatically

1. Test of the display unit segments (time 3s) by displaying all of the display elements.



2. Displaying the reference values entered into the system (time 3s).



3. After the test, the screen reverts to the normal mode and goes to the function that was last used.

Incidents:

Machine speed display error on instrument panel.

- Check the setting of the number of pulses per wheel revolution and of the wheel circumference.
- Check the machine speed sensor and its harness.

Engine speed displayed is too high.

- Check the setting of the number of pulses per engine revolution.