

INSTALLATION



Thanks for purchasing our D1 OLED meter. Before operating this unit, please read carefully the instruction sheet and retain it for the future reference.

Notice

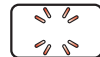
- 1.This meter work only on DC 12 volts applications only.
- 2.For proper installation, please follow the steps in the instruction sheet. Any damages caused by wrong installation shall be imputed to the users.
- 3.Don't break or modify the wire terminals. To avoid short circuit, do not pull the wires out of the terminals when installing.
- 4.Do not disassemble or change any parts.
- 5.Opening the instrument will void any warranty. Maintenance or repair should be executed by our professionals.

MARK MEANING:

△ Some procedures must be followed to avoid damages to the instrument.

△ **WARNING!** Some procedures must be followed to avoid injuries to the user or others.

△ **CAUTION!** Some procedures must be followed to avoid damages to the vehicle.



Flash



Press the Button once



Press the Button 3 seconds

1-1 Accessory

1 Meter X 1	2 Main wire harness X 1	3 RPM WIRE (TYPE A) X 1	4 RPM WIRE (TYPE B) X 1
5 2 Pin Extension Wire X3	6 PT 1/8 water temp sensor X 2	7 Air temp. sensor wire X1	8 4 Pin Extension Wire X1
9 Speed sensor X 1	10 D6 X 5L mm magnet X 6	11 Control box X1	12 External button X1
13 Mid-way connector X9	14 M3XP0.5XL12mm Hexagon screw X2	15 M3XP0.5 nut X2	16 M3 washer X2
17 3M double-sided adhesive X1	18 Tie-wrap X2	19 M8/ S type speed sensor bracket X1	20 M10/ S type speed sensor bracket X1
21 M5 X 5L mm Hexagon socket screw X2	22 2.5 mm spanner X1		

NOTE Contact your local distributor if the items received in the box are not the same as the one listed above.

1-2 Optional accessories

1 Active speed sensor	2 Disc magnet screw 5/16-18 X 22.1L M5 X P0.8 X 12L M6 X P1.0 X 12.6L M6 X P1.0 X 19.7L M6 X P1.0 X 24L M8 X P1.25 X 22.5L M8 X P1.25 X 27.5L M8 X P1.25 X 29L M10 X P1.25 X 28.3L	3 L TYPE speed sensor bracket	4 Oil temp sensor adapter M12 X P1.5 X 15L M14 X P1.25 X 15L M14 X P1.5 X 15L M16 X P1.5 X 15L M18 X P1.5 X 15L M20 X P1.0 X 15L M20 X P1.5 X 15L
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5 Water temp sensor adapter
M14
M16.M18
M22.M26 mm

6 Temp sensor
M10 X P1.0
M12 X P1.5
M14 X P1.25
M14 X P1.5
M16 X P1.5 / M18 X P1.5

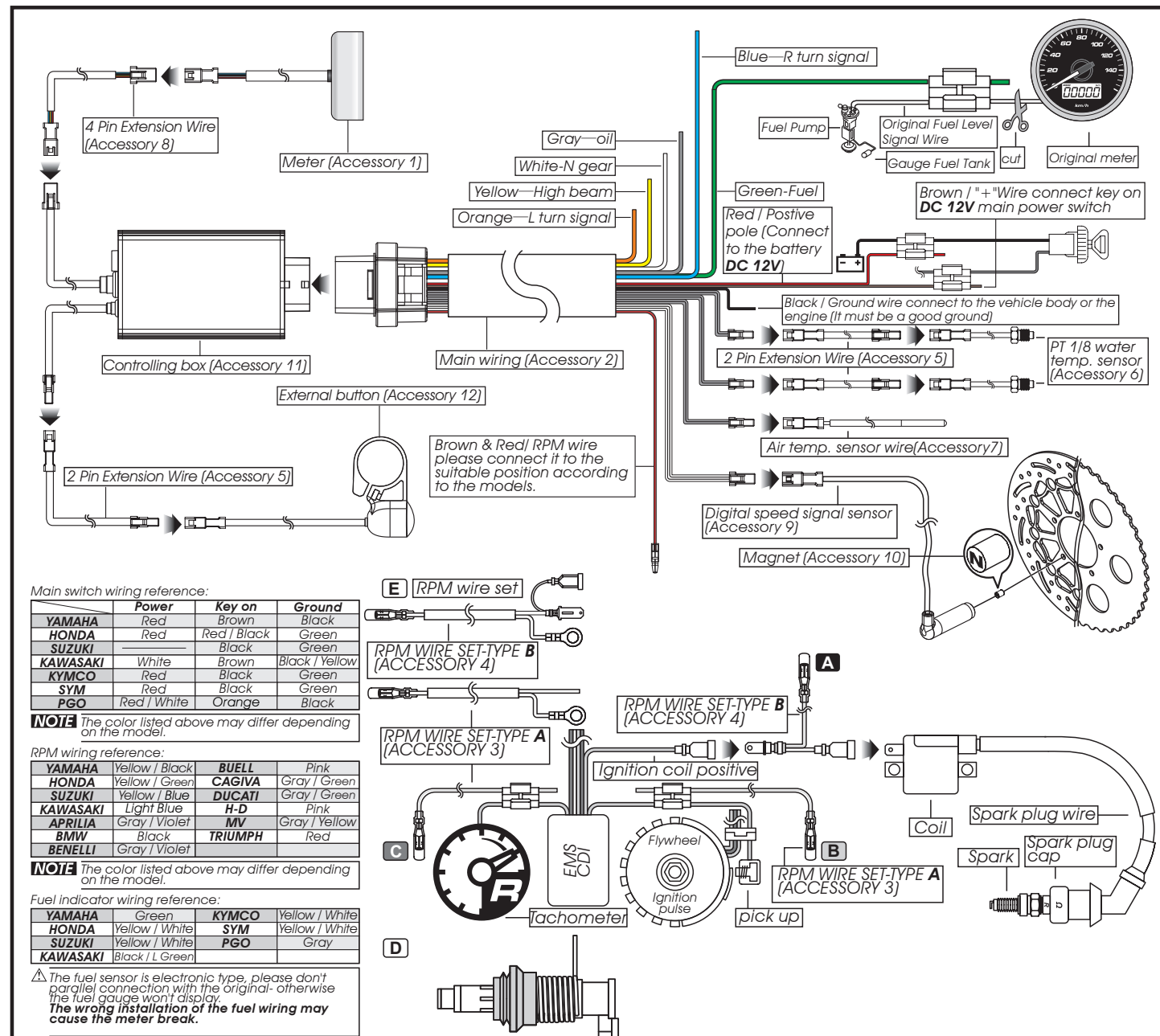
7 Temp sensor wire set (2 M)

8 D1 METER BRACKET

NOTE The optional Active speed sensor can read up to 20 pulses per wheel rotation and do not require the installation of any magnets to pick up the signal. Note that the passive speed sensor read up to 6 pulses per wheel rotation and require the installation of magnets to pick up the speed signal.

NOTE Some of the optional accessories might not be available in your country. Contact your local distributor to get more details.

2-1 Wiring installation instruction



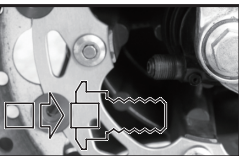
NOTE The temperature will disappear if you don't install & connect the temperature sensor with the meter.

NOTE When connecting the power wiring, please follow the instruction. If you connect the red & brown wiring in parallel will cause the meter work improperly.


△ The RPM wire installation

- A. Please connect the RPM wire (type B) to connect to the Ignition coil positive pole.
- B. Please connect the RPM wire (Type A) to the pick up.
- C. Please parallel the RPM wire (Type A) with the original tachometer signal wire (This method is available only when the original speedometer comes with a tachometer on it. You could get the RPM wire information from the service manual of your bikes.)
- D. For the models comes with the new ignition coil, please wrap the RPM wire (Type A) at least 5 times around the spark plug as the above drawing.
- E. Please use the method mentioned above to install the RPM wire, and then connect the ground wire to the bike body or the engine (Please make sure that the ground must be a good ground).

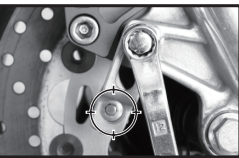
MOTO / SCOOTER S type speed sensor bracket instruction



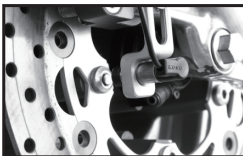
Put the magnet into the brake disc screw hole.




Install the s type sensor bracket.



Adjust the sensor bracket position to make sure that the sensor could face the magnet to prevent bad speed signal or no signal!!

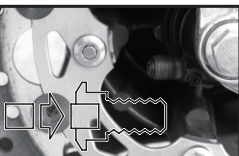


Install the speed sensor on the bracket.




Adjust the distance between sensor and magnet. We suggest you to make sure the distance is under **8 mm** for catching good speed signal.

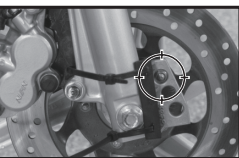
MOTO / SCOOTER L type speed sensor bracket instruction



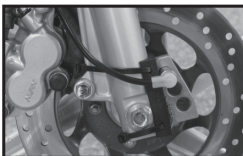
Put the magnet into the brake disc screw hole.



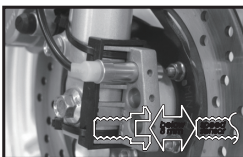
Please install the L bracket and the anti-slip rubber on the front fork and adjust it to the proper height and angle.



Please use the cable tie to fix the bracket on the front fork. Please make sure the disc screw could pass the hole on the bracket for you to install the sensor into the same hole for catching the speed signal.



Install the speed sensor on the bracket.



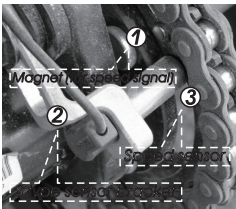
Adjust the distance between sensor and magnet. We suggest you to make sure the distance is under **8 mm** for catching good speed signal.


⚠ S/L TYPE SPEED SENSOR BRACKET could work perfect with Passive(Accessary 1) or Active(Accessary 2) speed sensor.

⚠ To use Active speed sensor, you will need disc magnet screws.

ATV S type speed sensor bracket instruction

- Put the magnet into the brake disc screw hole.
 - Install the s type sensor bracket. Adjust the sensor bracket position to make sure that the sensor could face the magnet to prevent bad speed signal or no signal!!
 - Install the speed sensor on the bracket. Adjust the distance between sensor and magnet. We suggest you to make sure the distance is under **8 mm** for catching good speed signal.
- NOTE** About the setting, please refer to 4-4 tire circumference and sensor point setting.



PS. 

You could make the speed more precise by adding the magnets. When installing the magnet, please put the magnet with N-mark side face the outside and put them averagely to avoid wrong signal.

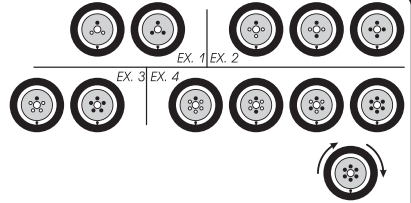
EX. 1: If your disk has 3 screws, you could install 1 or 3 magnets to catch the speed.

EX. 2: If your disk has 4 screws, you could install 1, 2 or 4 magnets to catch the speed.

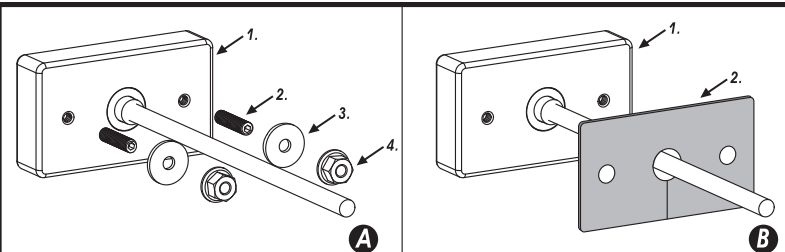
EX. 3: If your disk has 5 screws, you could install 1 or 5 magnets to catch the speed.

EX. 4: If your disk has 6 screws, you could install 1, 2, 3 or 6 magnets to catch the speed.

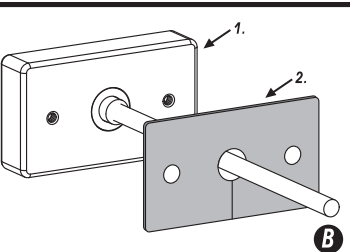
After finishing the magnet installation and sensor point setting, please move your tire to test the speedometer work or not.



2-2 Installation instruction



A



B

When installing, follow the steps bellow.

A

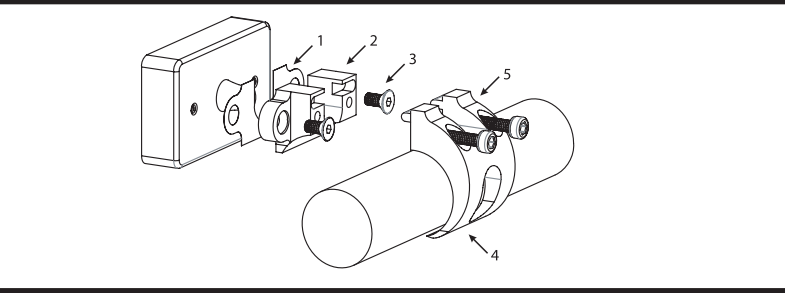
- Meter X 1 (Accessory 1)
- M3XP0.5XL12mm Hexagon screws (Accessory 14)
- M3 washers (Accessory 16)
- M3XP0.5 nuts (Accessory 15)

B

- Meter X 1 (Accessory 1)
- 3M double-sided adhesive (Accessory 17)

NOTE Choose either method A or B according to your installation needs

2-3 Installation Instruction (Optional Bracket)



When installing, please follow the process.

1. Double-sided adhesive

NOTE D1 Optional Bracket - Flat Part

2. D1 Optional Bracket - Flat Part

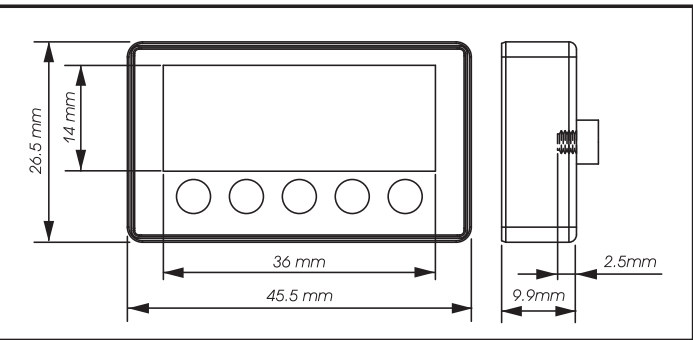
3. M3x6 Flat Head screw

4. D1 Optional Bracket - Back Claw

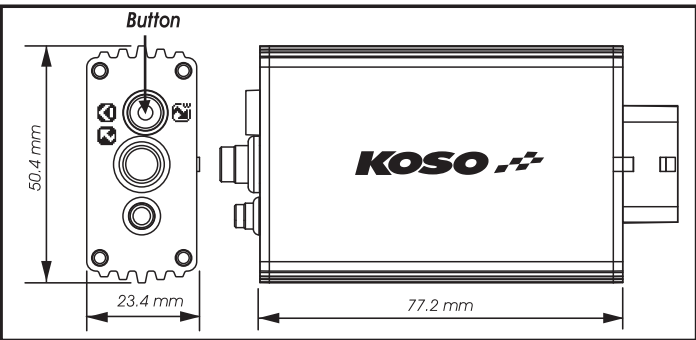
5. M3x16 Hex Socket Capsc screw

● Please follow the above instruction to install the bracket on the handlebar.

2-4 Meter size



2-5 Control box size



3-1 Basic function instruction

Digital tachometer

- Display range: 0~20,000 RPM
- Display unit: 10 RPM

Level tachometer

- Display range: 0~8,000 / 0~12,000 / 0~16,000 RPM

Display unit:

- 8,000 RPM-Each level represent 500 RPM,
- 12,000 RPM-Each level represent 500 RPM,
- 16,000 RPM-Each level represent 1000 RPM

Speedometer

- Display range: 0~360 km/h (0~225 MPH)
- Display unit: km/h or MPH

Thermometer (water & oil temp.)

- Display range: 0.0~250.0°C (32.0~482.0°F)
- When the temperature >= 100, the decimal will not display.
- Display unit: When temp. < 100—0.1°C (°F) ; When temp. ≥ 100—1°C (°F)
- Display---°C(---°F) if temperature sensor is not connected.

Thermometer (air)

- Display range: -20.0~60.0°C (-4.0~140°F)
- When the temperature >= 100, the decimal will not display.
- Display unit: When temp. < 100—0.1°C (°F) ; When temp. ≥ 100—1°C (°F)
- Display---°C(---°F) if temperature sensor is not connected.

Odo meter

- Display range: 0~99999 km (mile)
- reset automatically after 99999 km.
- Display unit: 1 km (mile)

Trip meter A,B

- Display range: 000.0~999.9 km (mile), reset automatically after 999.9 km.
- Display unit: 0.1 km (mile).

Indicators lights

- L turn signal (Green)
- Engine oil pressure light (Red)
- Neutral light (Green)
- High beam light (Blue)
- R turn signal (Green)

Temperature warning (water & oil temp.)

- Setting range: 60~250°C (140~482°F)
- Setting unit: 1°C (°F)
- When the value is high than the set value, the symbol will flash as a warning.

Low temperature warning (air)

- Setting range: -10~20°C (14~68°F)
- Setting unit: 1°C (°F)
- When the value is lower than the set value, the symbol will flash as a warning.

Low fuel gauge warning

- Setting range: 0~3
- Setting unit: 1
- When the value is lower than the set value, the symbol will flash as a warning.

Low volt warning

- Setting range: DC 8.0~DC 18.0 V
- Setting unit: 0.1 V
- When the value is lower than the set value, the symbol will flash as a warning.

Fuel Level

- Display range: 6 levels.

Digital Volt meter

- Display range: DC 8~DC 18 V
- Display unit: 0.1 V

Clock

- 24H

Ccalendar

- Display range (Year): 2000~2099
- Display range (month): 1~12
- Display range (date): 1~31 (Automatically adjust according to the current month and year)
- Display range (day): Monday~Sunday

Speed warning

- Setting range: 30~360 km/h (19~225 MPH).
- Setting unit: 1 km/h (MPH).
- When the value is high than the set value, the digits will flash as a warning.

The RPM shift light

- Setting range: 1000~20,000 RPM
- Setting unit: 100 RPM
- When the value is high than the set value, the digits will flash as a warning.

3-2 Functions

●Speedometer	Display range: 0~360 km/h (0~225 MPH) Display unit: km/h or MPH
○Display internal	<0.5 second
○Odometer	Display range: 0~99999.9 km (mile), reset automatically after 99999.9 km (mile).
○Trip meter A/B	Display range: 0~999.9 km (mile), reset automatically after 999.9 km (mile). Display unit: 0.1 km (mile).
●Speeding warning	Setting range: 30~360 km/h (19~225 MPH) Setting unit: 1 km/h (MPH)
○Tire circumference	Setting range: 300~2,500 mm Setting unit: 1 mm, Sensitive point: 1~20
●Digital tachometer	Display range: 0~20,000 RPM Display unit: 10 RPM
●Level tachometer	Display range: 0~8,000 / 0~12,000 / 0~16,000 RPM Display unit: 8,000 RPM-Each level represent 500 RPM, 12,000 RPM-Each level represent 500 RPM, 16,000 RPM-Each level represent 1000 RPM
○Display internal	<0.5 second
○The RPM shift	Setting range: 1000~20,000 RPM Setting unit: 100 RPM ◦
○The RPM input signal number setting	Setting range: 0.5, 1~24
○The RPM input pulse	Setting range: HI (positive wave pulse) Lo (negative wave pulse)
●Thermometer	Display unit: °C or °F
●Thermometer (water & oil temp.)	Display range: 0.0~250°C (32.0~482°F), when the temp. ≥100, the decimal will not display Setting unit: when temp. <100—0.1°C (°F) ; when temp. ≥100—1°C (°F)
○Temperature warning (water & oil temp.)	Setting range: 60~250°C (140~482°F) Setting unit: 1°C (°F) When the value is higher than the set value, the symbol will flash as a warning.

NOTE Design and specifications are subject to change without notice

3-3 Button function instruction

●Two Buttons Situation (external and control box button)

Press the control box button
1.In setting screen, press the control box button to choose the function you want to set (-).
2.In setting function screen, press the control box button to choose the function and go back to the main screen.

Hold the control box button for 3 seconds

1.In setting screen, hole pressing the control box button for 3 seconds to go back to the main screen.
2.In setting function screen, hole pressing the control box button for 3 seconds to go back to the main screen.

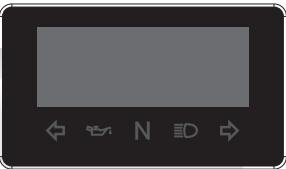
Press the external button

1.In main screen, press the external button to choose the function screen.
2.In setting screen, press the external button to choose the function you want to set (+).
3.In setting function screen, press the external button to make the number setting.
4.When the meter is off, press the external button to wake up the clock.

Hold the external button for 3 seconds

1.In main screen, hold the external button to choose the display of odometer, trip A, trip B record; Choose the function screen to enter the fast setting function screen.
2.In setting screen, hold the external button to enter the setting function screen.

3-4 Stand by function instruction



●When the meter is off, press the external button for 1 second to wake up the clock .



●The clock will display 30 seconds after wake up.

Hold the external button
1.In setting function screen, to add the setting value faster.
Hold the controlling box button + external button for 3 seconds

1.In main screen, hold the control box button + external button for 3 seconds to enter the setting screen.

●Single Button Situation (external button for fast setting)

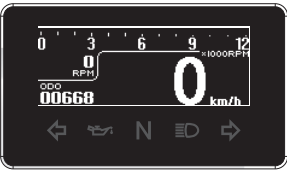
Press the external button

1.In main screen, press the external button to choose the function screen.
2.In fast setting function screen, press the button to make the number setting.
3.When the meter is off, press the external button to wake up the clock.

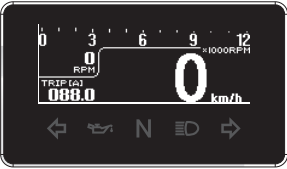
Hold the external button for 3 seconds

1.In main screen, hold the external button to choose the display of odometer, trip A, trip B record; Choose the function screen to enter the fast setting function screen.
2.In fast setting function screen, hold the external button to choose the function you want to set.

3-5 Main function switch instruction (external button - accesory 12)



●In main screen (ODO), Press the external button one time to enter the Trip A screen.



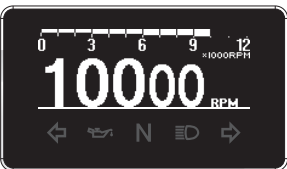
●In Trip A screen, Press the external button one time to enter the trip B screen.

●Hold the external button for 3 seconds to reset Trip A record.



●In Trip B screen, Press the external button one time to enter the RPM screen.

●Hold the external button for 3 seconds to reset Trip B record.



●In RPM screen, Press the external button one time to enter the water temp. screen.



●In water temp. screen, Press the external button one time to enter the oil temp. screen.

●Hold the external button for 3 seconds to enter the temperature warning (water temp.) fast setting screen. (Please check 3-8-1)



●In oil temp. screen, Press the external button one time to enter the air temp. screen.

●Hold pressing external button for 3 seconds to enter the temperature warning (oil temp.) fast setting screen. (Please check 3-8-2)

3-6 Fast setting function instruction (external button - accesory 12)

●3-6-1 temperature warning (water temp.) setting



●In water temp. screen, hold the external button for 3 seconds to enter the temperature warning (water temp.) fast setting screen.



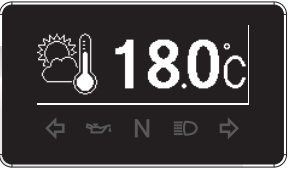
●EX. Change the setting to 95°C
●Hold the external button for 3 seconds to move to the digit you want to set.



●Press the external button to change the value.



Note Setting range: 60~250°C (140~482°F)
Setting unit: 1°C (°F)



●In air temp. screen, Press the external button once to enter the fuel gauge screen.

●Hold the external button for 3 seconds to enter the low temperature warning (air) fast setting screen. (Please check 3-8-3)



●In fuel gauge screen, Press the external button once to enter the volt screen.

●Hold the external button for 3 seconds to enter the fuel gauge resistance setting and low fuel gauge warning fast setting screen. (Please check 3-8-4)



●In volt screen, Press the external button once to enter the clock screen.

●Hold the external button for 3 seconds to enter the low volt warning fast setting screen. (Please check 3-8-5)



●In clock screen, Press the external button once to enter the perpetual calendar screen.

●Hold the external button for 3 seconds to enter the clock fast setting screen. (Please check 3-8-6)



●In perpetual calendar screen, press the external button one time to go back to the main screen (ODO).

●Hold the external button for 3 seconds to enter the perpetual calendar fast setting screen. (Please check 3-8-7)



●Hold the external button for 3 seconds to go back to the water temp. screen.
●EX. Now the temperature warning (water temp.) has been set from 90°C to 95°C.

P.S. Try it!

The temperature warning will light ON when the temperature reach your setting.

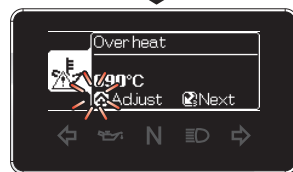
●In other main screens, the warning symbol will light up as well (see figures below).

(ODO) (Trip A) (Trip B) (RPM)

3-6-2 temperature warning (oil temp.) setting



- In oil temp. screen, hold the external button for 3 seconds to enter the temperature warning (oil temp.) fast setting screen.



- EX. Change the setting to 95°C
- Hold the external button for 3 seconds to move to the digit you want to set.



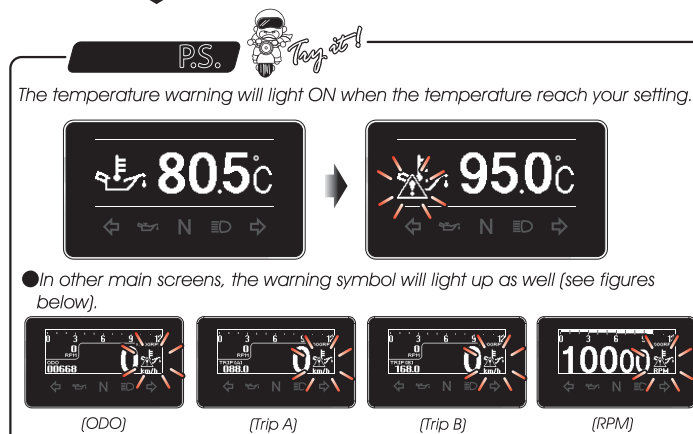
- Press the external button to change the value.



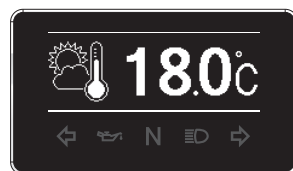
Note Setting range: 60~250°C
(140~482°F)
Setting unit: 1°C (°F)



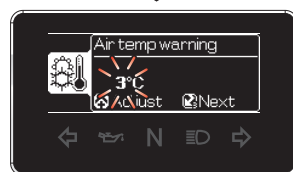
- Hold pressing the external button for 3 seconds to go back to the oil temp. screen.
- EX. Now the temperature warning (oil temp.) has been set from 90°C to 95°C.



3-6-3 low temperature warning (air) setting



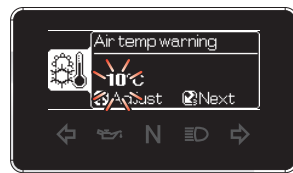
- In air temp. screen, press the external button for 3 seconds to enter the low temperature warning (air) fast setting screen.



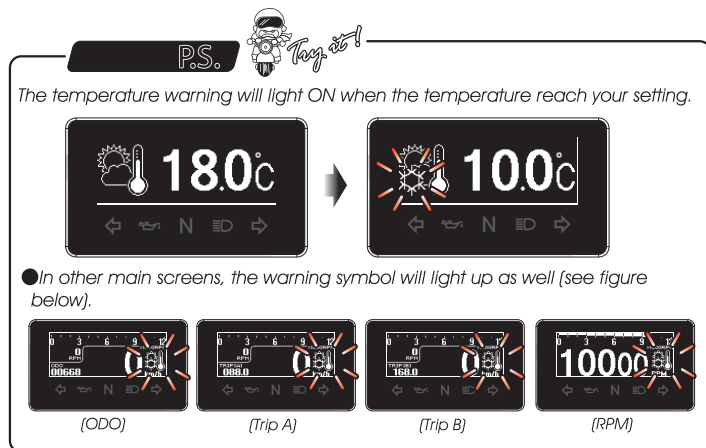
- EX. Change the setting to 10°C
- Press the external button to change the setting.



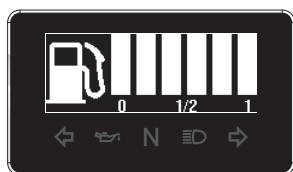
Note Setting range: -10~20°C
(40~68°F)
Setting unit: 1°C (°F)



- Hold the external button for 3 seconds to go back to the air temp. screen.
- EX. Now the low temperature warning (air) has been set from 3°C to 10°C.



3-6-4 The fuel gauge resistance & warning setting



- In fuel gauge screen, hold the external button for 3 seconds to enter the fuel gauge resistance fast setting screen.



- EX. The fuel gauge need to be set to 510Ω.
- Press the external button to change the value.

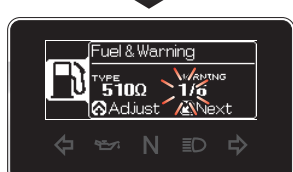


Note The fuel gauge resistance setting range: 100Ω, 250Ω, 510Ω, 1200Ω, SW (turn off).

Note When Fuel Setting is set to "SW", the fuel level symbol will light up when the fuel level signal wire is connected to the (-)



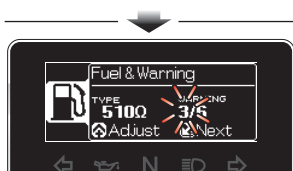
- EX. Change the setting to 3/6
- Hold the external button for 3 seconds to enter the low fuel gauge warning setting screen.
- EX. The setting has been changed from 100Ω to 510Ω.



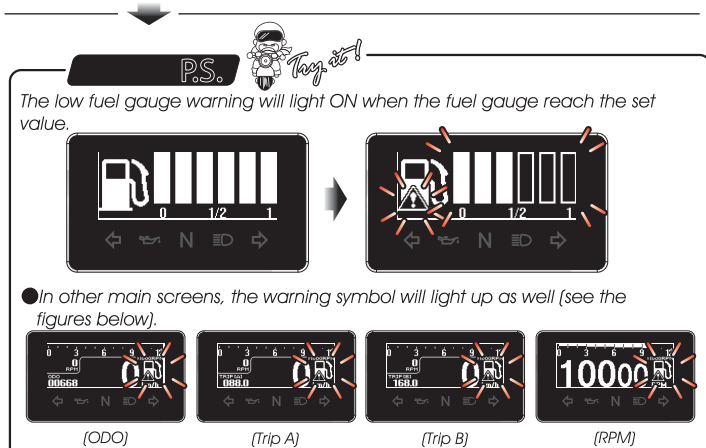
- Press the external button to change the setting.



Note Setting range: 0~3
Setting unit: 1



- Hold the external button for 3 seconds to go back to the fuel gauge screen.
- EX. The setting has been changed from 1/6 to 3/6.



3-6-5 low voltage warning setting



- In volt screen, hold the external button for 3 seconds to enter the low voltage warning fast setting screen.



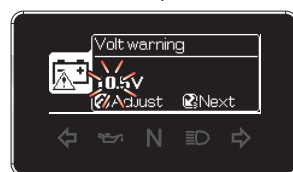
- EX. Change the setting to 10.5 V
- Hold the external button for 3 seconds to move to the digit you want to set.



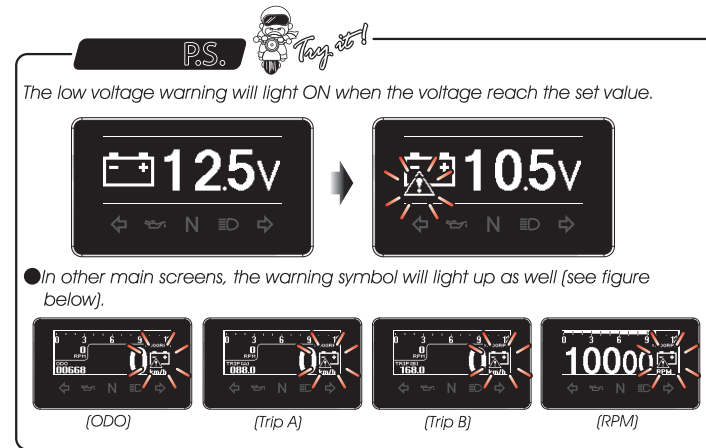
- Press the external button to change the value.



Note Setting range: 8.0~18.0 V
Setting unit: 0.1 V



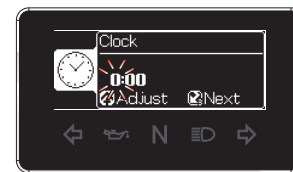
- Hold the external button for 3 seconds to go back to the volt screen.
- EX. The low voltage warning has been set from 11.5 V to 10.5 V.



3-6-6 clock setting



- In clock screen, hold the external button for 3 seconds to enter the clock fast setting screen.



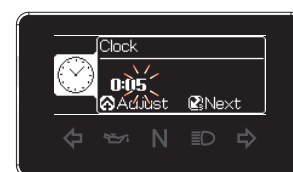
- EX: Set the clock at 0:05.
- Hold the external button for 3 seconds to move to the digit you want to set.



- Press the external button to change the value.



Note This is a 24 H clock.



- Hold the external button for 3 seconds to go back to the clock screen.
- EX. The clock has been set from 0:00 to 0:05.

3-6-7 Perpetual calendar setting



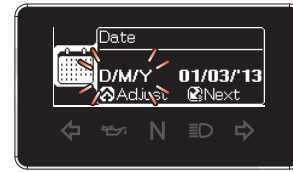
- In perpetual calendar screen, hold the external button for 3 seconds to enter the perpetual calendar fast setting screen.



- EX. Change the setting to D/M/Y (Date/Month/Year)
- Hold the external button for 3 seconds to move to the digit you want to set.



Note Setting range:
Y/M/D (Year/Month/Date)
M/D/Y (Month/Date/Year)
D/M/Y (Date/Month/Year)

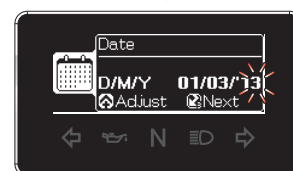


- Hold the external button for 3 seconds to enter the perpetual calendar (Year) setting screen.
- Hold the external button for 3 seconds to move to the digit you want to set.



- Press the external button to change the value.

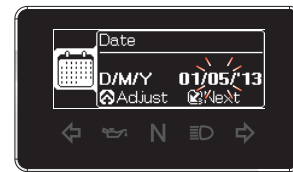
Note Setting range: 00~99.
(2000~2099)
Setting unit: 1 year.



- EX. Change the month to 05.
- Hold the external button for 3 seconds to move to the digit you want to set.
- Press the external button to change the value.



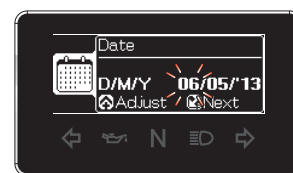
Note Setting range: 01~12.
Setting unit: 1.



- EX. Change the date to 06.
- Hold the external button for 3 seconds to move to the digit you want to set.
- Press the external button to change the value.

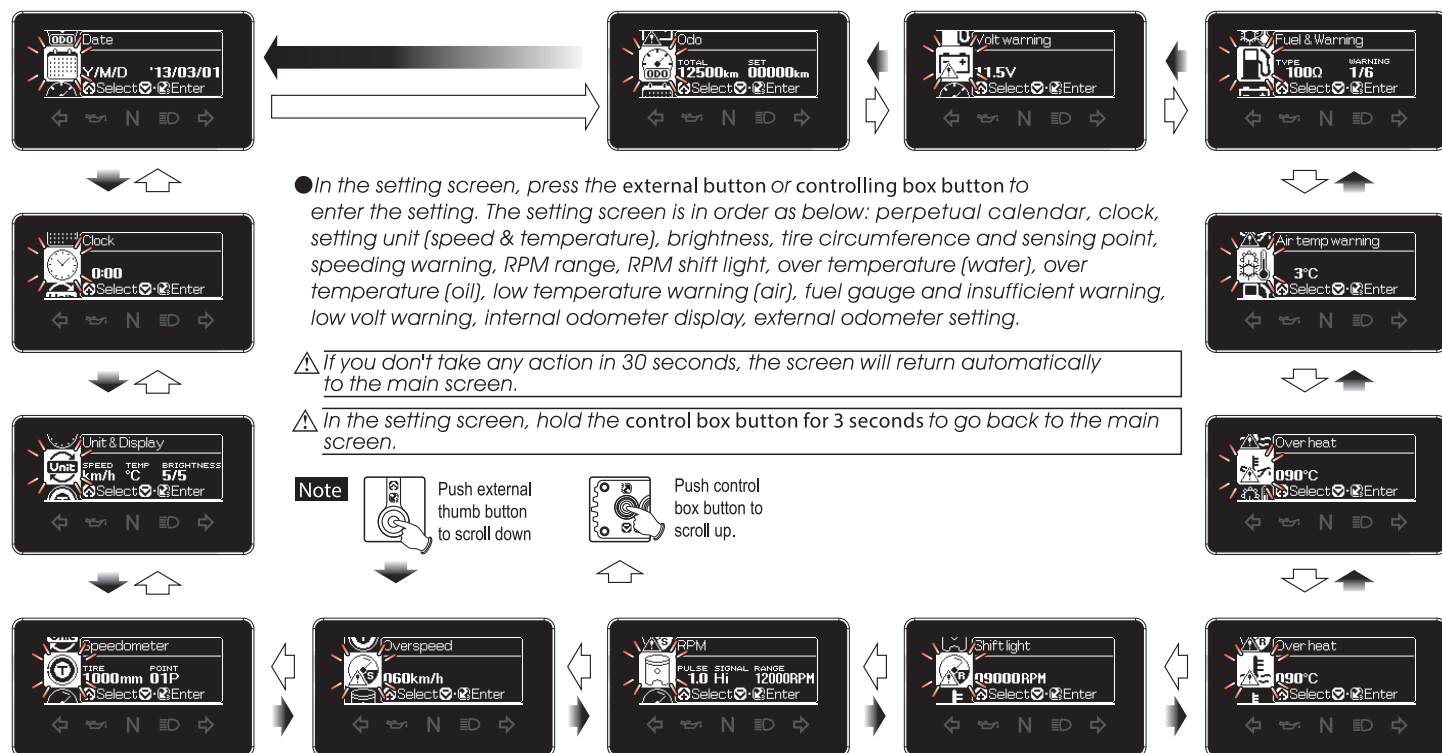


Note Setting range: 1~31
(Automatically adjust according to the current month and year.
Setting unit: 1.

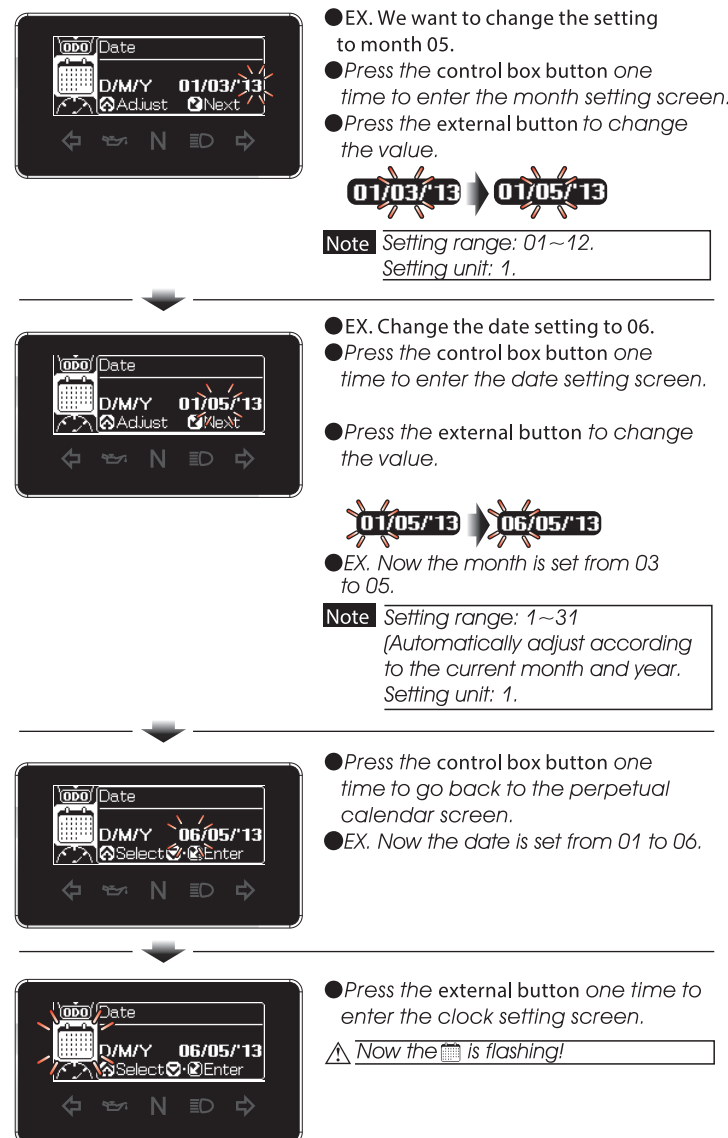
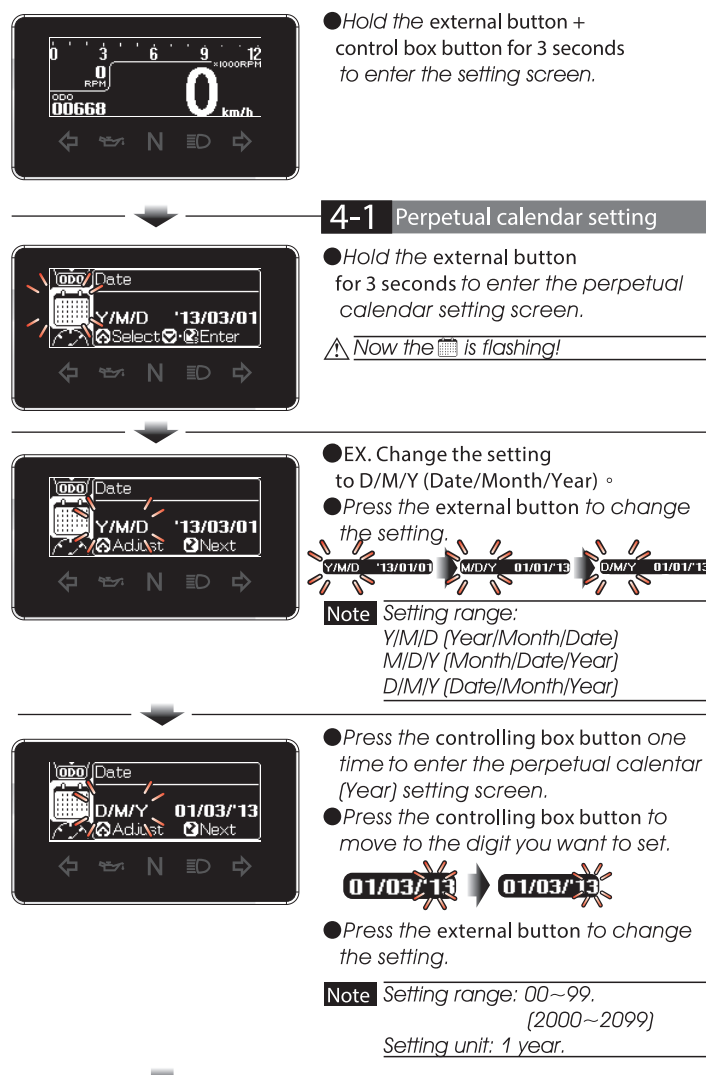


- Hold the external button for 3 seconds to go back to the perpetual calendar screen.
- EX. The date has been changed from 01 to 06.

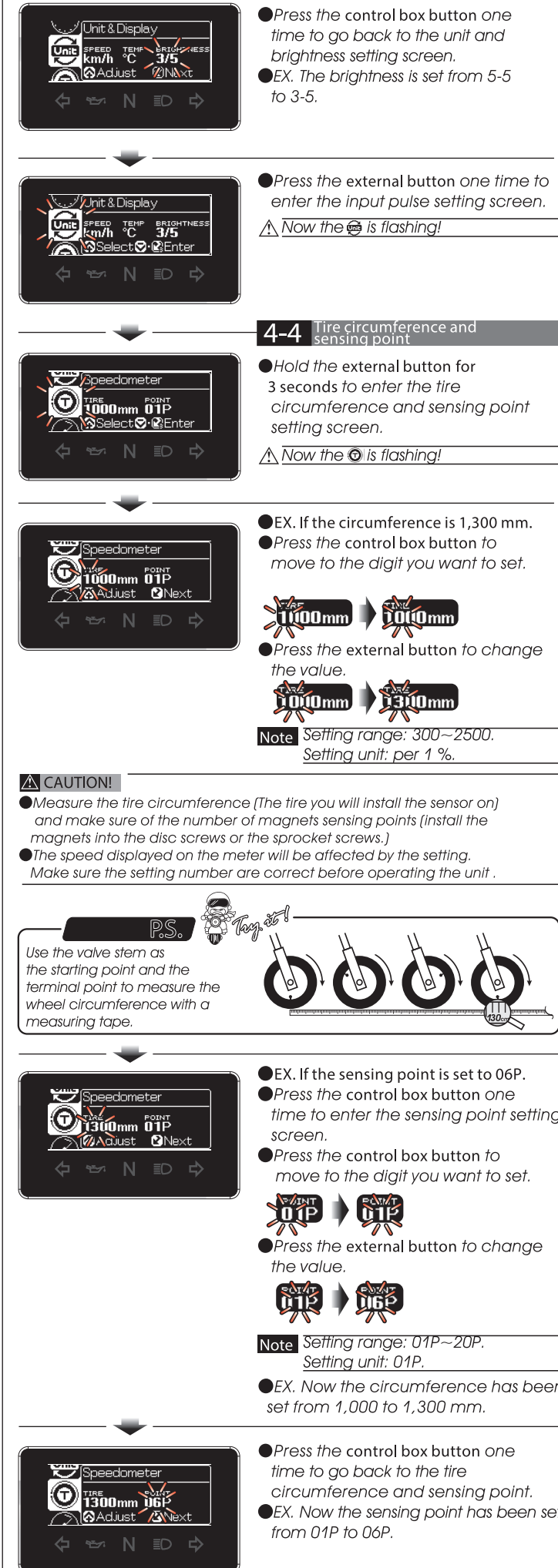
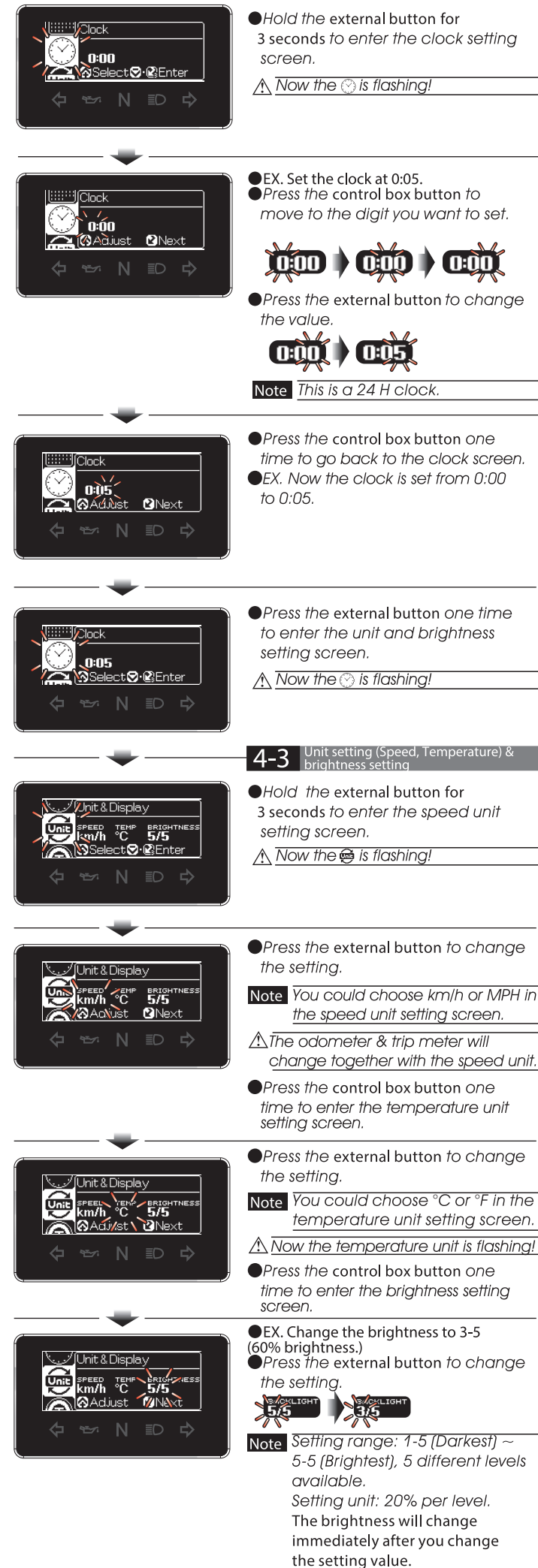
3-9 Setting screen instruction

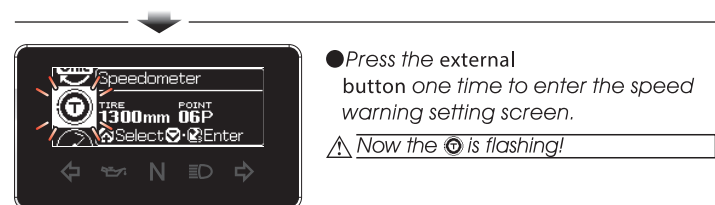


4 Entering setting screen



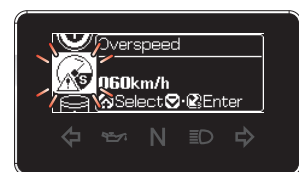
4-2 Clock setting





- Press the external button one time to enter the speed warning setting screen.

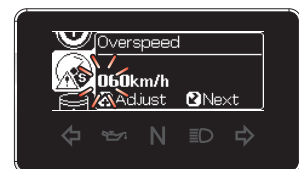
⚠ Now the is flashing!



4-5 Speed warning setting

- Hold the external button for 3 seconds to enter the speed warning setting screen.

⚠ Now the is flashing!



- EX. Change the setting to 80 km/h.
- Press the control box button to move to the digit you want to set.

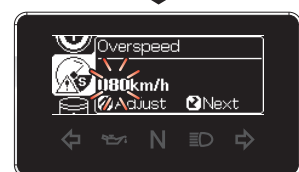
→

- Press the external button to change the value.

→

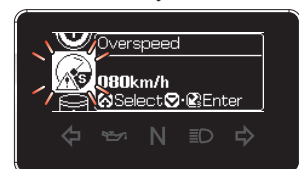
Note Setting range: 30~360 km/h
(19~225 MPH)
Setting unit: 1 km/h (MPH)

⚠ The setting unit will change together with the speed unit setting (4-3).



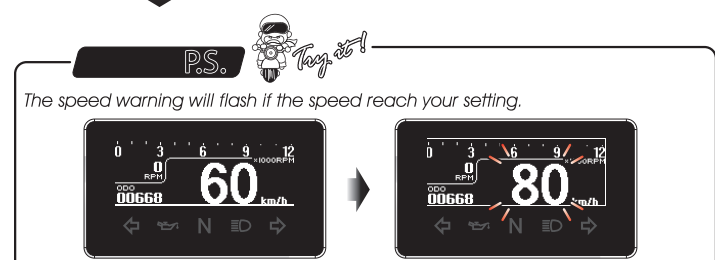
- Press the control box button one time to go back to the speed warning setting screen.

- EX. Now the speed warning setting has been changed from 60 km/h to 80 km/h.



- Press the external button one time to enter the RPM input pulse setting screen.

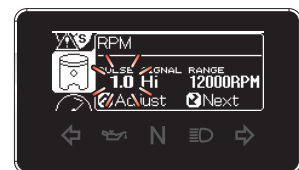
⚠ Now the is flashing!



4-6 RPM input signal setting

- Hold the external button for 3 seconds to enter the RPM input pulse setting screen.

⚠ Now the is flashing!



- EX. Set the RPM when there is 13 pulses per engine revolution.
- Press the control box button to move to the digit you want to set.

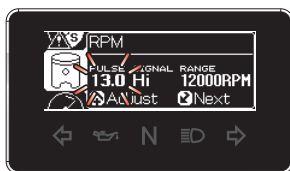
→

Note Setting range: 0.5, 1~24.

setting value	2 strokes setting	4 strokes setting	RPM per spark
0.5		1 piston	2 RPM signals per 1 spark.
1	1 piston	2 pistons	1 RPM signal per 1 spark.
2	2 pistons	4 pistons	1 RPM signal per 2 sparks.
3	3 pistons	6 pistons	1 RPM signal per 3 sparks.
4	4 pistons	8 pistons	1 RPM signal per 4 sparks.
5		10 pistons	2 RPM signals per 10 sparks.
6	6 pistons	12 pistons	1 RPM signal per 6 sparks.

Note For most of Injection Model, setting value might exceed 6 if RPM connection method B is chosen, and it depend on the number of the bump it has on its flywheel.

CAUTION! Some of the 4 strokes engine with 1 piston are igniting once every 360 degree. To get the proper RPM for such engines, the setting should be the same as a 2 strokes engine with 1 piston.

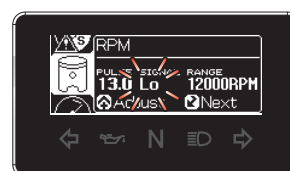


- EX. Change the setting to Lo.
- Press the control box button one time to enter the wave form setting screen.
- Press the external button to change the setting.

→

Note We define the RPM input pulse as Hi (The positive pulse) & Lo (The negative pulse.)

Note If the RPM displayed on the meter is incorrect, choose another setting and try it again.

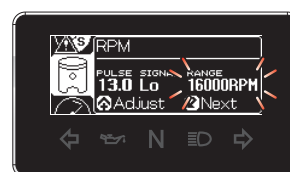


- EX. Now the RPM input signal number has been changed from 1 to 13.

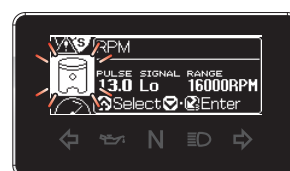
- EX. If the RPM range is set to 0~16000 RPM.
- Press the control box button one time to enter the RPM range setting screen.
- Press the external button to change the value.

→

Note Setting range: 8,000, 12,000, 16,000 RPM



- Press the control box button one time to go back to the RPM input pulse setting screen.
- EX. Now the RPM range has been changed from 12,000 RPM to 16,000 RPM.



- Press the external button one time to enter the RPM shift light setting screen.

⚠ Now the is flashing!

4-7 Shiftlight setting

- Hold the external button for 3 seconds to enter the shiftlight setting screen.

⚠ Now the is flashing!



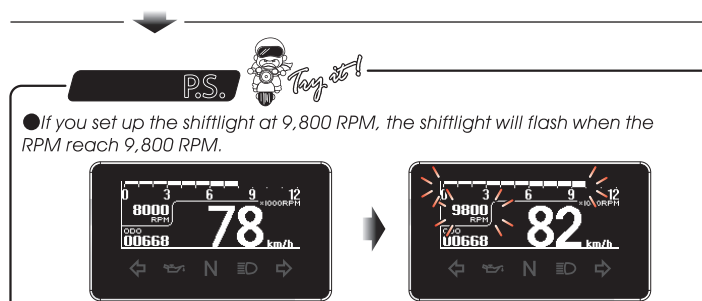
- EX. Set the shiftlight at 9,800 RPM.
- Press the control box button to move to the digit you want to set.

→ →

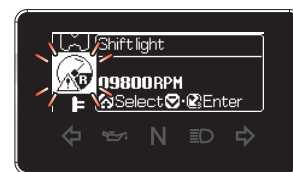
- Press the external button to change the value.

→

Note Setting range: 1000~20,000 RPM
Setting unit: 100 RPM.

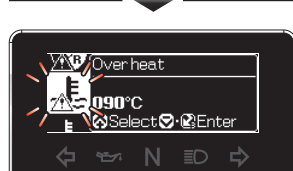


- Press the control box button one time to go back to the shiftlight setting screen.
- EX. The shiftlight has been set from 9,000 to 9,800 RPM.



- Press the external button one time to enter the temperature warning (water temp.) setting screen.

⚠ Now the is flashing!



4-8 Temperature warning (water temp.) setting

- Hold the external button for 3 seconds to enter the temperature warning (water temp.) setting screen.

⚠ Now the is flashing!



- EX. Set the water temperature warning at 95°C.
- Press the control box button to move to the digit you want to set.

→ →

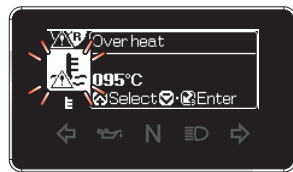
- Press the external button to change the value.

→

Note Setting range: 60~250°C
(140~482°F)
Setting unit: 1°C (°F)

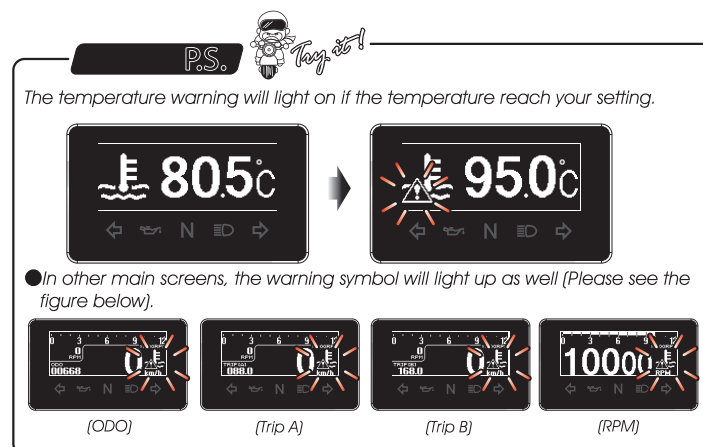


- Press the control box button one time to go back to the temperature warning (water temp.) setting screen.
- EX. Now the temperature warning (water temp.) has been set from 90°C to 95°C.

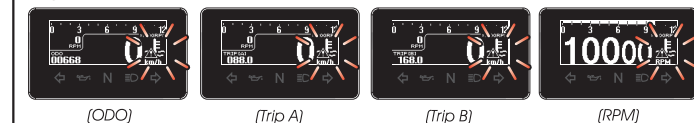


- Press the external button one time to enter the temperature warning (oil temp.) setting screen.

⚠ Now the is flashing!



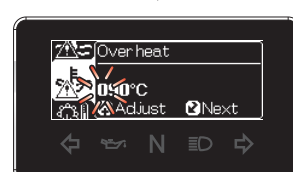
- In other main screens, the warning symbol will light up as well (Please see the figure below).



4-9 Temperature warning (oil temp.) setting

- Hold the external button for 3 seconds to enter the temperature warning (oil temp.) setting screen.

⚠ Now the is flashing!



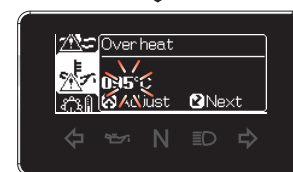
- EX. Set the oil temperature warning at 95°C.
- Press the control box button to move to the digit you want to set.

→ →

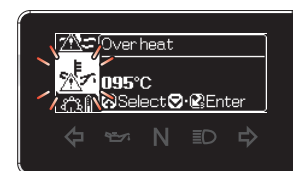
- Press the external button to change the setting.

→

Note Setting range: 60~250°C
(140~482°F)
Setting unit: 1°C (°F)

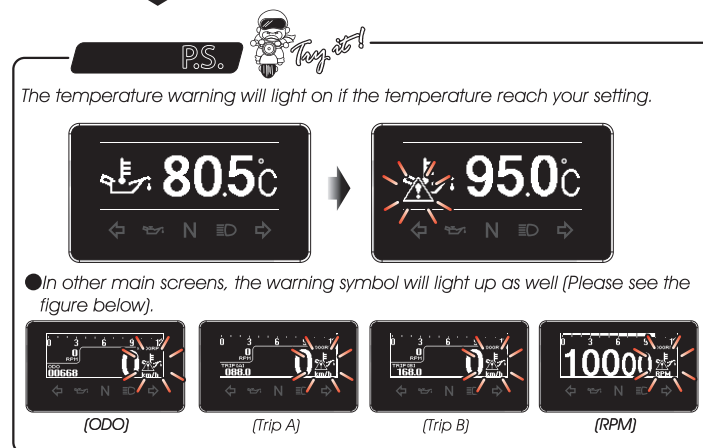


- Press the control box button one time to go back to the temperature warning (oil temp.) setting screen.
- EX. Now the temperature warning (oil temp.) has been set from 90°C to 95°C.

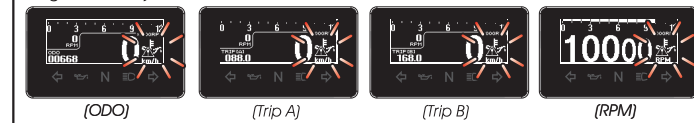


- Press the external button one time to enter the low temperature warning (air) setting screen.

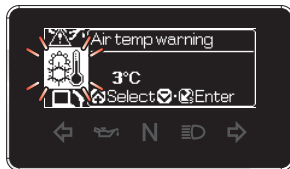
⚠ Now the is flashing!



- In other main screens, the warning symbol will light up as well (Please see the figure below).

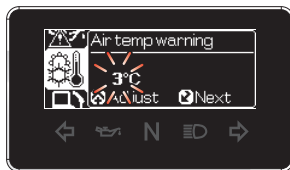


4-10 Low temperature warning (air)



- Hold the external button for 3 seconds to enter the low temp. warning (air) setting screen.

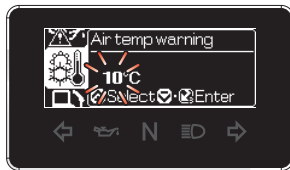
⚠ Now the is flashing!



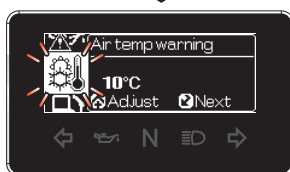
- EX. Change the setting to 10°C.
- Press the external button to change the setting.



Note Setting range: -10~20°C
(40~68°F)
Setting unit: 1°C (°F)



- Press the control box button one time to go back to the low temperature warning (air) setting screen.
- EX. The low temperature warning (air) has been set from 3°C to 10°C.



- Press the external button one time to enter the fuel gauge resistance setting screen.

⚠ Now the is flashing!

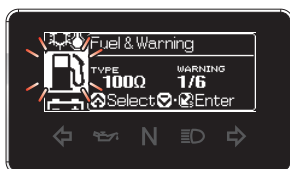
PS.

The temperature warning will light on if the temperature reach your setting.

- In other main screens, the warning symbol will light up as well (Please see the figure below).

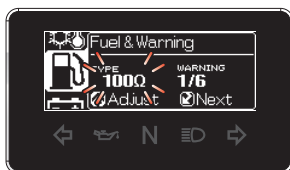
(ODO) (Trip A) (Trip B) (RPM)

4-11 The fuel gauge resistance & warning setting



- Hold the external button for 3 seconds to enter the fuel gauge resistance setting screen.

⚠ Now the is flashing!



- EX. Set the fuel gauge to 510Ω.
- Press the external button to change the setting.



Note The fuel gauge resistance setting range is: 100Ω, 250Ω, 510Ω, 1200Ω or SW (turn off).

Note When the Fuel Setting is set to "SW", the fuel level symbol will light up if the fuel level signal wire is connected to the (-)

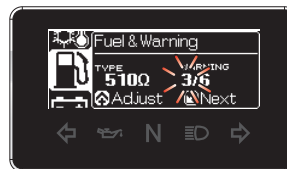


- EX. Change the setting to 3/6.
- Press the control box button one time to enter the low fuel gauge warning setting screen.
- Press the external button to change the setting.

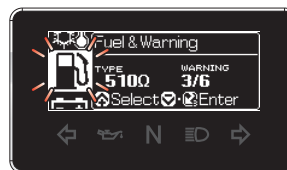


- EX. The setting has been changed from 100Ω to 510Ω.

Note Setting range: 0~3
Setting unit: 1



- Press the control box button one time to enter to go back to the fuel gauge resistance setting screen.
- EX. The setting has been changed from 1/6 to 3/6.



- Press the external button one time to enter the low voltage warning setting screen.

⚠ Now the is flashing!

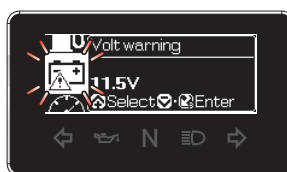
PS.

The low fuel gauge warning will light on if the fuel gauge reach your setting.

- In other main screens, the warning symbol will light up as well (Please see the figure below).

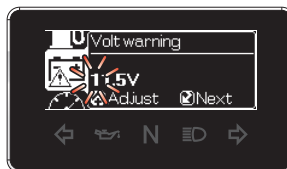
(ODO) (Trip A) (Trip B) (RPM)

4-12 Low voltage warning setting



- Hold the external button for 3 seconds to enter the low voltage warning setting screen.

⚠ Now the is flashing!



- EX. Change the setting to 10.5 V.
- Press the control box button to move to the digit you want to set.



- Press the external button to change the value.



Note Setting range: 8.0~18.0 V
Setting unit: 0.1 V



- Press the control box button one time to go back to the low voltage warning setting screen.
- EX. Now the low voltage warning is setting from 11.5 V to 10.5 V.



- Press the external button one time to enter the internal odometer display & external odometer setting screen.

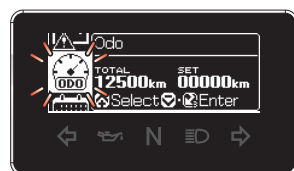
⚠ Now the is flashing!

PS. *Try it!*

The low voltage warning will light on of the voltage reach your setting.

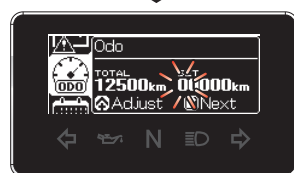
- In other main screens, the warning symbol will light up as well (Please see the figure below).

4-13 Internal odometer display & External odometer setting



- Hold the external button for 3 seconds to enter the odometer setting screen.

⚠ Now the is flashing!



- EX. Set the external odometer to 15000 km.
- Press the control box button to move to the digit you want to set.



- Press the external button to change the value.

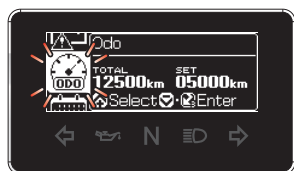


Note Setting range: 00000~99999 km (mile)
Setting unit: 1 km (mile)



- Press the control box button one time to go back to the internal odometer display & external odometer setting screen.

- EX. The external odometer has been changed from 0 to 5000 km.



- Press the external button for 3 seconds to go back to the main screen.

⚠ Now the is flashing!



- Main screen.

5 Fuel gauge resistance reference

YAMAHA	JOG 50, 100	100Ω	KYMCO	GOING 100	510Ω
	RS 100	100Ω		JR 100	510Ω
	RSZ 100	100Ω		SR G4 125	510Ω
	SV MAX 125	100Ω		V-LINK GP 125	510Ω
	Cygnus 125	100Ω		KTR 150	100Ω
	New Cygnus 125	100Ω		RACING 125, 150	1200Ω
	GTR 125	100Ω		QUANNON 150	1200Ω
	LC 135	100Ω		G5 125, 150	1200Ω
	NEW LC 135	100Ω		G6 150	100Ω
	LAGENDA 110	100Ω		VJR 50, 110	1200Ω
	S-MAX 150	100Ω	SYM	S-PRO 100	100Ω
	T-MAX 530	100Ω		Wolf 125	100Ω
	MIO 110	100Ω	PGO	G-MAX 125	100Ω
	AEROX 50	100Ω		X-HOT 125, 150	100Ω
HONDA	BWS 125	100Ω		I'ME 125	100Ω
	MSX 125	270Ω		J BUBU 115	700Ω
	WAVE 110	510Ω	AEON	AF 125, 150	700Ω
	GN5 110	510Ω		G-MAX 150	700Ω
	SH-150i	510Ω		Elite 250	100Ω
	PCX 125	100Ω		CO-IN 125	100Ω
	CBR 250	180Ω	Hartford	MY 125, 150	100Ω
GILERA	RUNNER 50	100Ω		OZ 125, 150	100Ω
PEUGEOT	SpeedFight 50	100Ω			
APRILIA	SR 50	100Ω			
SUZUKI	V125	100Ω			

6 Trouble shooting

The following situation do not necessarily indicate malfunction of the meter. Check the following points before taking it in for repair.

Trouble	Check item
The meter doesn't work when the power is on.	<ul style="list-style-type: none"> ● The power is not supplied properly to the meter. → make sure the wiring harness is connected correctly. The wires or the fuse might be broken broken. → The battery is too old to supply enough power to make the meter work.
The meter show wrong information.	<ul style="list-style-type: none"> ● Check the voltage of your battery, and make sure the voltage is over DC 12V.
Speed does not appear or appear incorrectly.	<ul style="list-style-type: none"> ● Make sure the speed sensor is connected properly. ● Check the tire-size setting. → Refer to the manual 4-4.
Tachometer does not appear or appear incorrectly.	<ul style="list-style-type: none"> ● Check if the RPM wire are connected properly. ● Check if the spark plug is "R" type or not. Replace the spark plug with the "R" type. ● Check your setting. → Refer to the manual 4-6.
Temp does not appear or appear incorrectly.	<ul style="list-style-type: none"> ● Check the sensor. → Is the wire broken or is it connected properly?
Fuel gauge does not appear or appear incorrectly.	<ul style="list-style-type: none"> ● Check your fuel tank. → Is there any fuel inside? ● Check the wiring harness. → Is the wire connected properly? ● Check the setting. → Refer the the manual 4-11.
The clock is incorrect.	<ul style="list-style-type: none"> ● Is the wire connected properly? → Check if the positive wire (Red) is connected to the battery, and the main switch positive wire (Brown) is connected to the main switch.

※ If the problem still can't be solve according to the steps above, please contact your local distributor to get assistance.