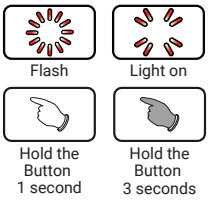
KOSO Feel The Speed

INSTRUCTIONS

Thank you for purchasing our product. Before installing/operating the product, read the instructions carefully and retain them for future reference.

⚠ Attention!

- For installation, follow the steps described below. Any damage caused by wrong installation shall be imputed to the users.
- To avoid a short circuit from occurring do not pull or modify the wires during installation.
- Do not disassemble or change any parts. Opening and dissassembling this unit will void any warranty.
- Maintenance and repairs should be executed by our professionals only.



Symbol description:

NOTE

⚠ Some procedures must be followed to avoid damages to the product.

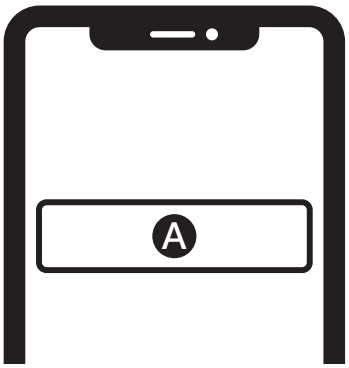
⚠**WARNING!** Certain procedure must be followed to avoid damages to yourself, to the vehicle or to others.

App QR code link

This product can be use with the K Race App. Scan the QR code below or search and download K Race from Apple App Store / Play Store.

iOS Android

Ios or Android → K Link



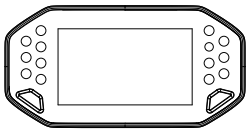
NOTE Settings can be done through the app.

NOTE Refer to 5-20 bluetooth setting.

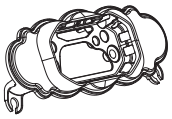
⚠ To display accurate information, make sure to select the correct motorcycle model. See picture A on the right for reference.

1-1 Accessories

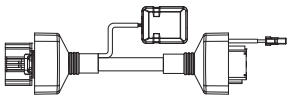
1 LCD Meter X1



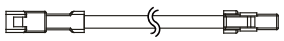
2 Meter bracket X1



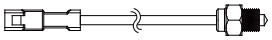
3 Main wiring harness X1



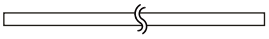
4 Sensor wire set X1



5 Temperature sensor X1



6 Foam for meter X1



7 Foam for meter bracket X2

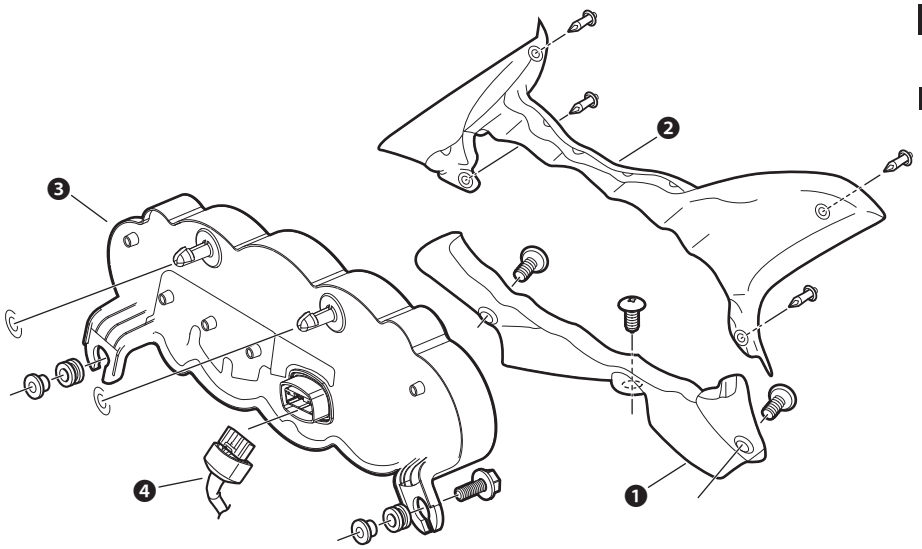
8 M5 washer X3

※Already attached on the meter

9 M5X12Lmm Screw X3

※Already attached on the meter

2-1 Vehicle installation instruction(1)

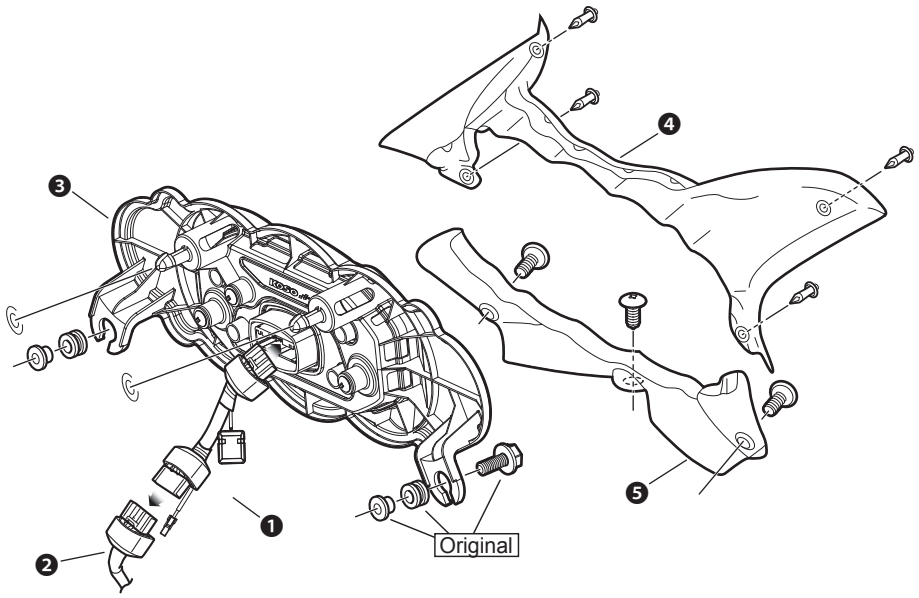


Disassemble in the following order

❶→❷→❸→❹

NOTE Refer to the sequence shown in the figure for disassembly

2-2 Vehicle installation instruction(2)

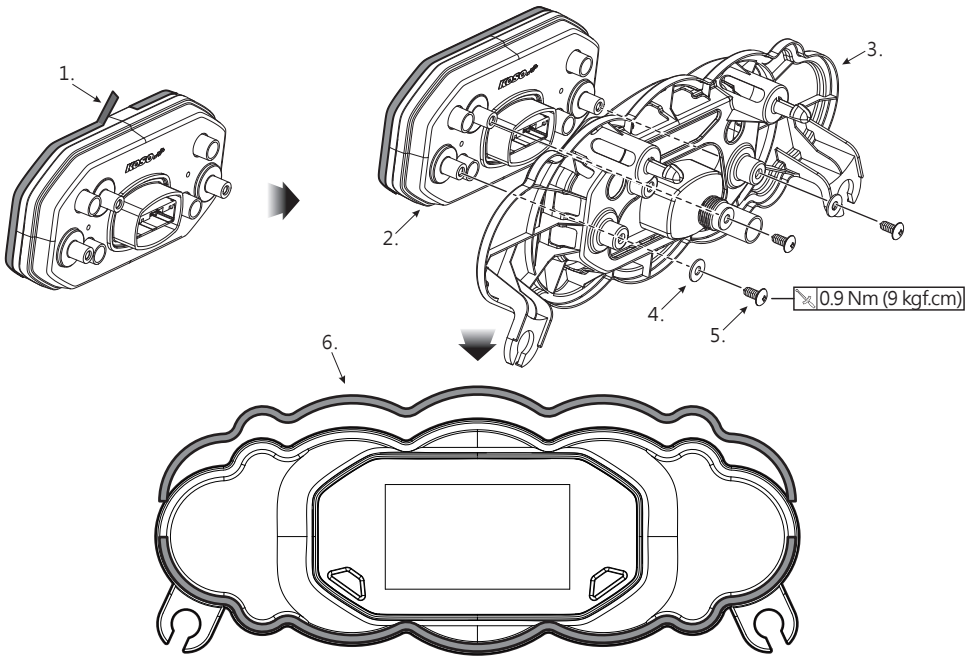


Install in the following order

❶(Accessory 3)→❷→❸→❹→❺

⚠ Before installing, assemble according to the drawing. (Refer to 2-3 installation instructions for fixing the meter to the bracket).

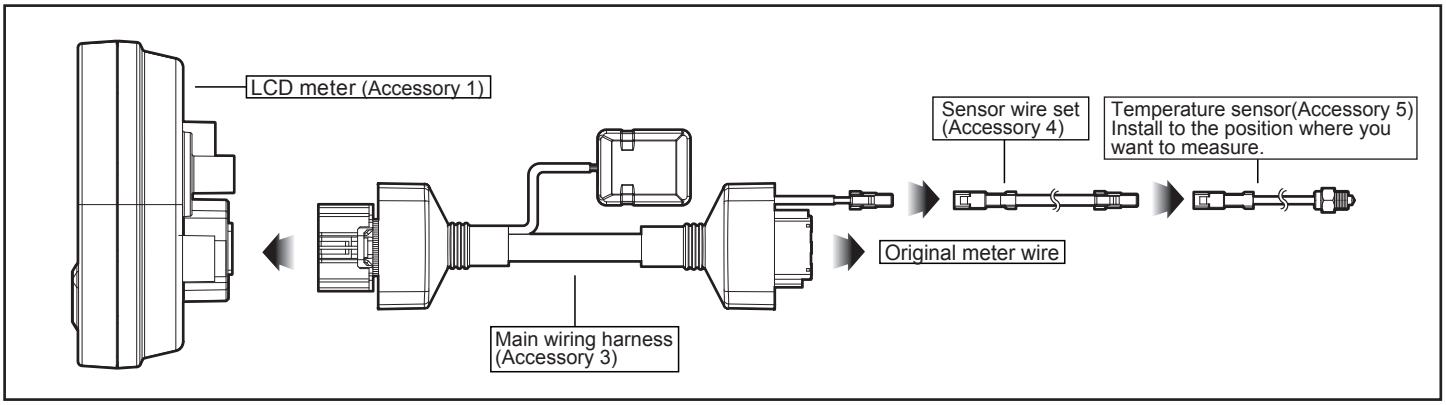
2-3 Bracket installation instructions



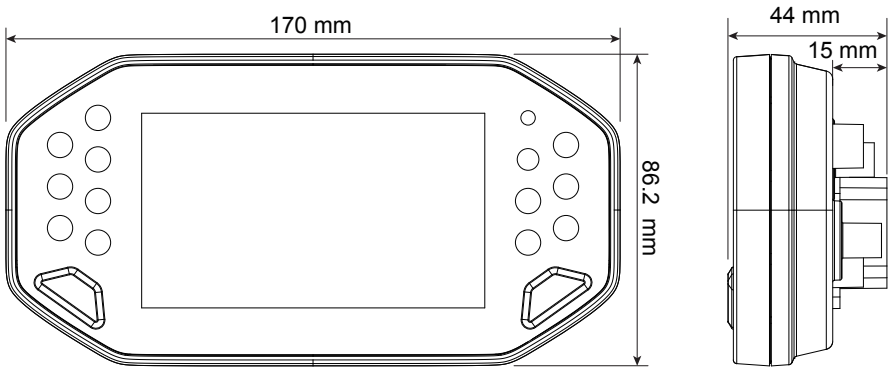
Follow the steps below during installation.

1. Foam for meter (Accessory 6)
2. LCD Meter (Accessory 1)
3. Meter bracket (Accessory 2)
4. M5 washer X3 (Accessory 8)
5. M5X12Lmm Screw X3 (Accessory 9)
6. Foam for meter bracket X2 (Accessory 7)

2-4 Wiring installation instructions



3-1 Meter size



3-2 Basic Function Instructions

Tachometer
- Display range : 0~10,000 RPM、0~12,500 RPM、0~15,000 RPM、0~18,000 RPM

Clock
- Display range : 00:00 ~ 23:59 (24H), 1:00 ~ 12:59 (12H)

Power mode
- Display range : A / B / C

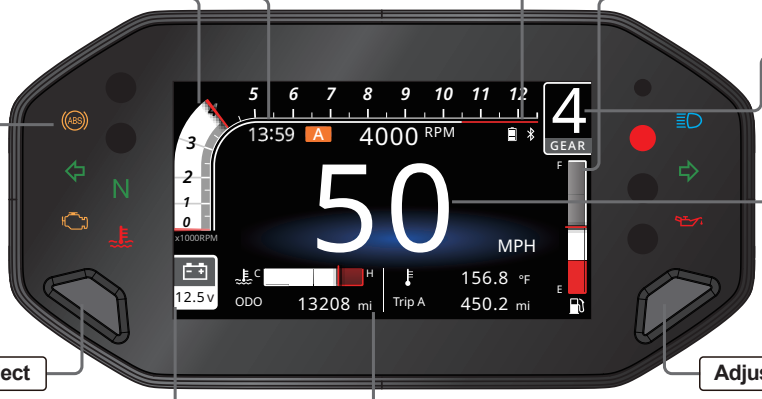
Phone battery
- Display range : 3 segments.

Bluetooth® connection status
- Display range : Steady(connected), OFF(Unconnected)

Fuel meter
- Display range : 4 levels

Fuel warning
- Display unit : 1 level
- Display range : The low fuel signal warning will blink when it reaches the last level.

Indicator
- ABS light (Amber)
- Left indicator light (Green)
- Check engine light (Amber)
- Neutral light (Green)
- Coolant temperature (Red)
- Composite warning light (Red)
- High beam light (Blue)
- Right indicator light (Green)
- Motor oil maintenance light (Red)



Gear Meter
- Display range : - , N, 1 ~ 6

Speedometer
- Display range : 0 ~ 360 km/h (0 ~ 225 MPH)
- Display unit : 1 km/h (MPH)Switchable

Select

Adjust

Voltmeter
- Display range : DC 8.0 ~ 18.0 V
- Display unit : DC 0.1 V

Coolant temperature
- Display range : 4 levels

Coolant temperature warning
- Display unit : 1 level
- Display range : Display range : The coolant temperature signal warning will blink when it reaches the last level.

Odometer
- Display range : 0~999,999 km (mile) and then return to zero
- Display unit : 1 km (mile)

Temperature
- Display range : 0.0 ~ 250.0 ℃ (32.0 ~ 482.0 °F)
- Display unit : 0.1 ℃ (°F)

AFR
- Display range : 12.1 ~ 17.5
- Display unit : 0.1

Trip meter A,B
- Display range : 0.0~9,999.9 km (mile), may return to zero manually
- Display unit : 0.1 km (mile)

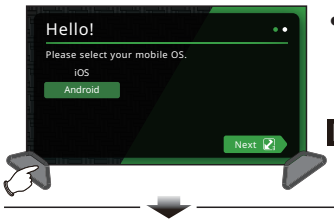
Error code
- Display range : According to the original information from the bike.

3-3 Specifications(Meter)

●Speedometer	Display range : 0 ~ 360 km/h (0 ~ 225 MPH) Display unit : 1 km/h (MPH) Switchable
○Odometer	Display range : 0 ~ 999,999 km (mile)and then return to zero Display unit : 1 km (mile)
○Trip meter A, B	Display range : 0.0~9,999.9 km (mile), may return to zero manually Setting unit : 0.1 km (mile)
○Motor oil maintenance	Setting range : 500 ~ 16,000 km(300~10,000 mile),OFF Setting unit : 100 km(mile)
○Speeding warning setting	Setting range : 30~360 km/h (20~225 MPH), when setting value is reach or above, warning light will illuminate. Setting unit : 1 km/h (MPH)
○Max. speed record	Display range : 0 ~ 360 km/h (0 ~ 225 MPH) Display unit : 1 km/h (MPH)
○Circumference	Setting range : 300~2,500 mm Setting unit : 1 mm
○Sensitive point	Setting range : 1~20 P Setting unit : 1 P
●Gear Meter	Display range : -, N, 1~ 6
○Max. Gear record	Display range : -, N, 1~ 6 (may return to zero manually)
●Tachometer	Display range : 0~10,000 RPM / 0~12,500 RPM / 0~15,000 RPM / 0~18,000 RPM
○Pre-shift light warning setting	Setting range : 1,000~10,000 RPM / 1,000~12,500 RPM / 1,000~15,000 RPM / 1,000~18,000 RPM Setting unit : 100 RPM
○Shift light warning setting	Setting range : 1,000~10,000 RPM / 1,000~12,500 RPM / 1,000~15,000 RPM / 1,000~18,000 RPM Setting unit : 100 RPM
○Max. rotating speed	Setting range : 0~10,000 RPM / 0~12,500 RPM / 0~15,000 RPM / 0~18,000 RPM ,may return to zero manually
●Power Mode	Display range : A / B / C
●Error code	Display range : According to the original information from the bike.
○The RPM input signal number setting	Setting range : 0.5,1.0~24.0
○The RPM input pulse	Setting range : Low-Act, High-Act
●Thermometer	Display range : 0.0 ~ 250.0 ˚C (32.0 ~ 482.0 ˚F) Display unit : 0.1 °C (°F)
○Overheat warning setting	Setting range : 60 ~ 250 °C (140 ~ 482 °F), when setting value is reached , the color of the number turns to red and flashes. Setting unit : 1 °C (°F)
○Max. temperature record	Display range : 0.0 ~ 250.0 ˚C (32.0 ~ 482.0 ˚F) , may return to zero manually Display unit : 0.1 °C (°F)
●A/F ratio meter	Display range : 12.1~17.5 Display unit : 0.1
●Fuel meter	Display range : 4 levels Display unit : 1 level
○Fuel warning setting	Setting range : 0/4 ~ 2/4, when setting value is reached or below, warning light will illuminate. Setting unit : 1
●Clock	Setting range : 00:00~23:59 (24H) 01:00~12:59 (12H)
○Perpetual calendar	Display range (year) : 2024 ~ 2099 Display range(month) : 1 ~ 12 Display range(day) : 1 ~ 31 Display range(Week) : MON, TUE, WED, THU, FRI, SAT, SUN
●Voltmeter	Display range : DC 8.0 ~ 18.0 V Display unit : DC 0.1 V
○Low voltage warning	Setting range : DC 8.0~13.0 V, when setting value is below, the color of the number turns to red and flashes. Setting unit : DC 0.1 V
○High voltage warning	Setting range : DC 13.1~18.0 V, when setting value is above, the color of the number turns to red and flashes. Setting unit : DC 0.1 V
●Target speed	Setting range : 30 ~ 360 km/h (20 ~ 225 MPH) Setting unit : 5 km/h (MPH)
●Target distance	Setting range : 50 ~ 1,500 m (1/32 ~ 30/32 mile) Setting unit : 50 m (1/32 mile)
●Top speed	Display range Speed : 0 ~ 360 km/h (0 ~ 225 MPH) Distance : 0 ~ 999 m (0~3,280 feet) Rotating speed : 0 ~ 10,000 RPM / 0 ~ 12,500 RPM、0~15,000 RPM / 0 ~ 18,000 RPM Time : 0 ~ 9 : 59”99
●Record order	Setting range : Sequence, Best.
●**Bluetooth® connection status**	Operating system iOS : iOS 5.0 and above Android : Android 9 and above
●**Phone battery**	Display range: 3 segments
●**Incoming phone call notice**	Display range: Display name or number for up to 12 letters; “…” is displayed for more than 12 letters; “Unknown” is displayed when there is no name iOS - Display either name or number of the incoming call Android - Display number only
●**Incoming online app call notice**	Display range: Display name for up to 12 letters; “…” is displayed for more than 12 letters; “Unknown” is displayed when there is no name App supported: LINE, WeChat, WhatsApp iOS supported, Android not supported.
●**Music playing message**	Song name：15 letters, and “…” is displayed when > 15 letters Artist name：18 letters, and “…” is displayed when > 18 letters Total length of the music：00:00 ~ 9:59:59 (iOS supported, Android not supported). Current playing time：00:00 ~ 9:59:59 (iOS supported, Android not supported).
●**Push notification**	Display range: Name - 4 letters, “…” is displayed when > 4 letters Content -17 letters, “…” is displayed when > 17 letters Support iOS, not Android.
●Background display	Setting range : Auto(automatically switch according to the light : day mode display for a bright environment and Night mode display for a dark environment), Day mode, Night mode.
○Back light brightness (Day)	Setting range : 1/5(Darkest)~ 5/5(Brightest) Setting unit : 1/5
○Back light brightness (Night)	Setting range : 1/5(Darkest) ~ 5/5(Brightest),need ≦ the setting value of backlight brightness (day). Setting unit : 1/5
○Back light color	Setting range : blue, green, orange, white
●Unit	Speed unit : km/h , MPH Temperature unit : ˚C (Celsius) and ˚F (Fahrenheit)
●Voltage	DC 12 V
●Operating temperature	-20~ 85 °C
○Storage temperature	-30~ 90 °C
●Specification	JIS D 0203 (S2)
●Meter Size	170 x 86.2 x 44 mm
●Meter Weight	± 246.0 g
●Indicator	ABS light (Amber) Left indicator light(Green) Check engine light (Amber) Neutral light (Green) Coolant temperature (Red) Composite warning light (Red) High beam light (Blue) Right indicatior light(Green) Motor oil maintenance light (Red)

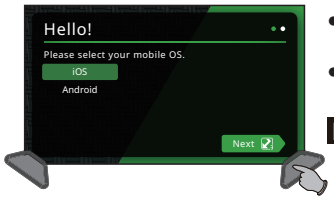
NOTE Design and specifications are subject to change without notice.

4-1 Initial start screen



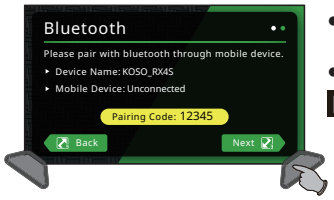
●The first time you turn the meter on, in the initial start screen, press the **Adjust or Select button** to choose mobile operating system.

NOTE Press the left button for explanation in the graphics.



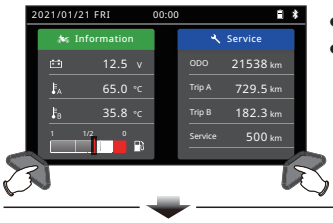
●Press the **Adjust button for 3 seconds**, enter the Bluetooth® pairing screen.
●EX : Select iOS for mobile phone operating system

NOTE **iOS operating system:**
iOS 5.0 and above
Android operating system:
Android 9 and above

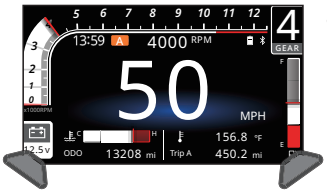


●Press the **Adjust button for 3 seconds**, enter the vehicle type screen.
●EX : Bluetooth® pairing screen completed.

NOTE **iOS operating system:**
Need to enter the pairing code.
Android operating system:
No pairing code is required.
Enter vehicle type selection directly.

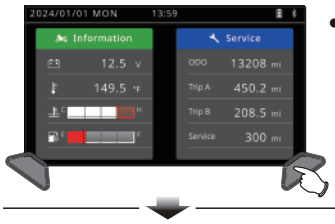


●Vehicle condition screen.
●**Press the Adjust + Select buttons,** to enter the main screen.



●The main screen.

4-2 Setting instructions for vehicle condition

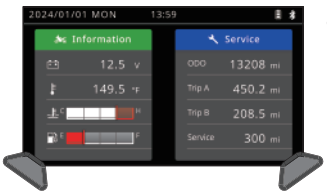


●In the Vehicle condition screen, press the Adjust button,to enter the Maintenance mileage screen (Value will flash).

●In the Maintenance mileage screen, press the **Adjust button** to enter the Vehicle condition screen.

●Press the **Adjust button for 3 seconds** to reset Maintenance mileage screen.

Service 12 km → Service 500 km



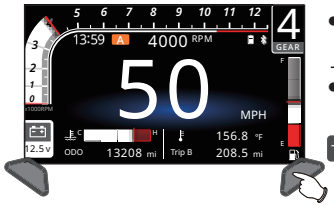
●Screen will return to vehicle condition

4-3 Trip settings instructions

●In the Trip A screen, press the **Adjust button** to enter the Trip B screen.

●Press the **Adjust button for 3 seconds** to reset Trip A record.

Trip A 450.2 mi → Trip A 0 mi



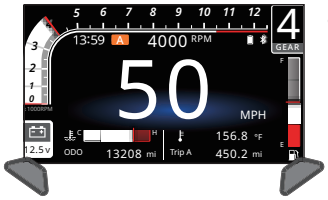
●In the Trip B screen, press the **Adjust button** to enter the Max. record screen.

●Press the **Adjust button for 3 seconds** to reset Trip B record.

Trip B 208.5 mi → Trip B 0 mi

●In the Max. record screen, press the **Adjust button** to go back to the Trip A screen.

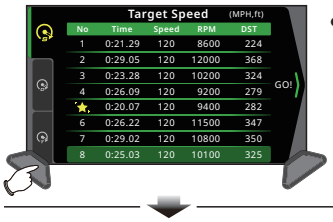
●Press the **Adjust button for 3 seconds** to reset Max. record.



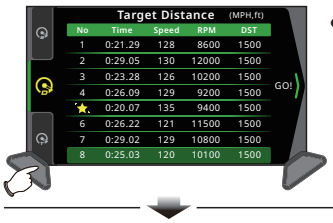
●You will return to trip A screen.

4-4 Record settings (Target Speed, Target Distance, Top Speed)

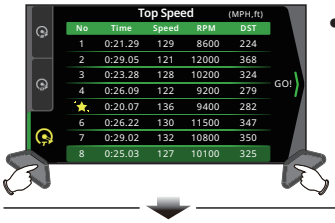
●In the main screen, press the **Select + Adjust buttons** to enter the target speed record screen.



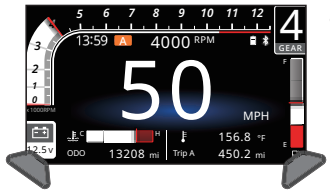
●In the target speed record screen, press the **Select button** to enter the target distance record screen.



●In the target distance record screen, press the **Select button** to enter the top speed record screen.

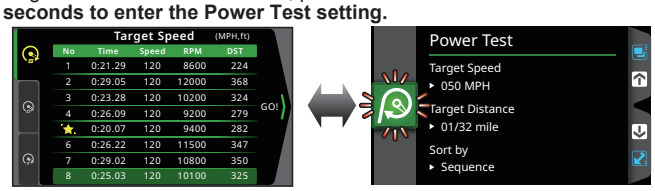


●In the top speed record screen, press the **Select + Adjust buttons** to go back to the main screen.

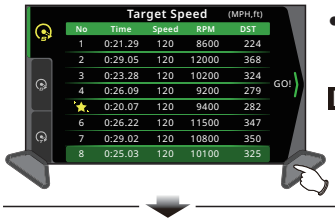


●You will return to the main screen.

●Regardless of the record screen, press the **Select button for 3 seconds to enter the Power Test setting.**

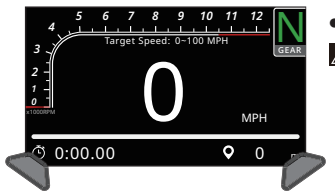


4-4-1 Target speed test instructions



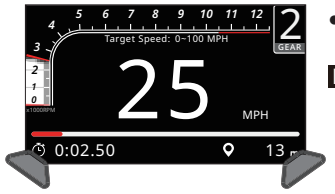
●In the target speed record screen, press the **Adjust button** to enter the testing screen.

NOTE Start the test when the bike is fully stopped.



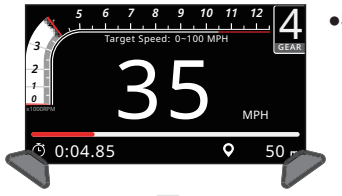
●You will enter the testing screen.

⚠ WARNING! Use this function on racetracks to avoid accidents.

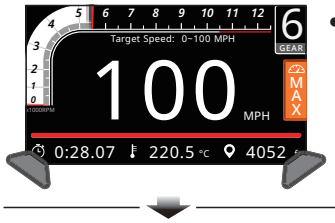


●When the bike moves, the timer will start automatically.

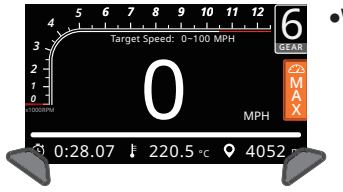
NOTE The timer is automatic, so when your bike starts to move the timer will start to calculate the time and stop automatically when you stop the bike.



●Speed up.



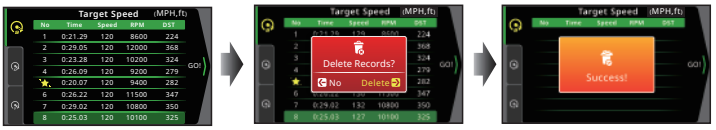
●When you reach the target speed that you set (0~110 km/h), the timer will stop (19"20 second).



●When speed decreases to 0 km/h (MPH), you will return to the target speed test screen.

●In the target speed record screen.

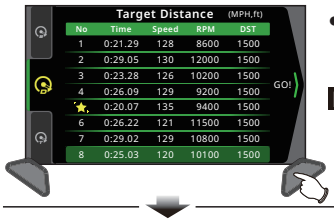
●Press the **Adjust button for 3 seconds**, to reset the target speed record.



●Press the **Adjust button** to confirm deletion.
●Press the **Select button** to cancel deletion.

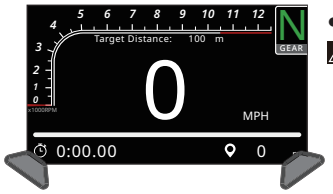
●Successfully deleted.
●The alert dialog will disappear after 3 seconds.

4-4-2 Target distance test instructions



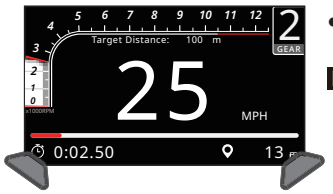
●In the target distance record screen, press the **Adjust button** to enter the testing screen.

NOTE Start the test when the bike is fully stopped.



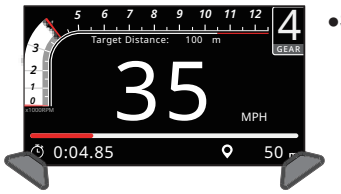
●In the testing screen.

⚠ WARNING! Use this function on racetracks to avoid accidents.

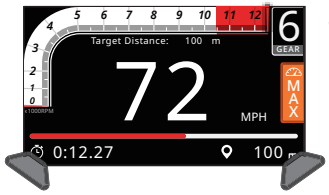


●When the bike moves, the timer will start automatically.

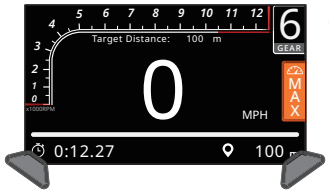
NOTE The product adopts digital sensing; when the vehicle starts, the timer will immediately start measuring. Upon achieving the target distance, the timer will immediately stop measuring.



●Speed up.



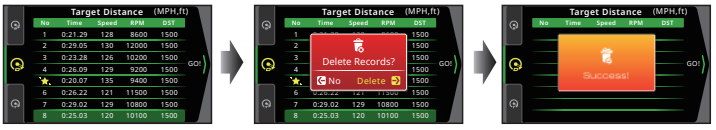
●When you reach the target distance that you set (100 M . 2/32 mile), the timer will stop (12"27 second).



●When speed decreases to 0 km/h (MPH), the target distance record screen will appear.

●In the target distance record screen.

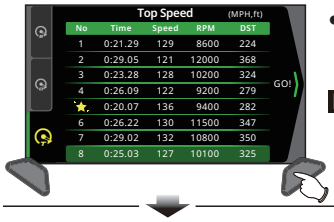
●Press the **Adjust button for 3 seconds**, to reset the target distance record.



●Press the **Adjust button** to confirm deletion.
●Press the **Select button** to cancel deletion.

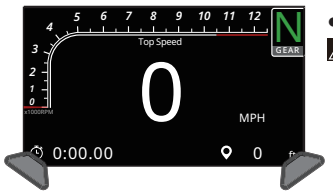
●Successfully deleted.
●The alert dialog will disappear after displaying for 3 seconds.

4-4-3 Top speed test instructions



●In the top speed record screen, press the **Adjust button** to enter the testing screen.

NOTE Start the test when the bike is fully stopped.



●In the testing screen.

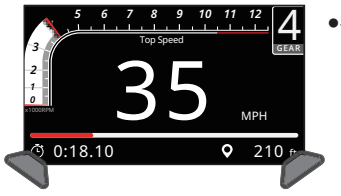
⚠ WARNING! Use this function on racetracks to avoid accidents.

●When the bike moves, the timer will start automatically.

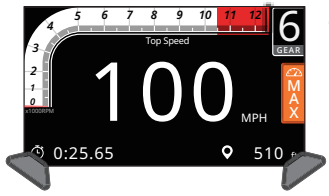
NOTE **Display range(Top speed)** :
Speed : 0 ~ 360 km/h (0 ~ 225 MPH)
Distance : 0 ~ 999 m (0~3,280 feet)
Rotating speed : 0 ~ 15,000 RPM
Time : 0 ~ 9'59"99

NOTE The product adopts digital sensing; when the vehicle starts, the odometer and the timer will immediately start measuring. Upon achieving the maximum speed, the odometer and the timer will immediately stop measuring.

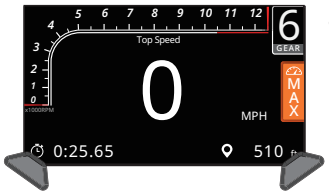
⚠ To change the speed unit of the function go to 5-2(Change in Speed Unit).



●Speed up.



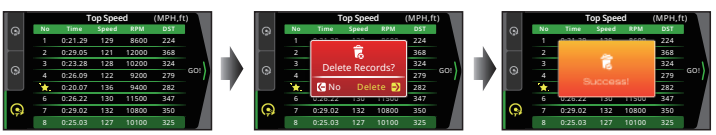
●When you reach the top speed (100 km/h), the meter will stop counting the distance (510 m), and time (25"65 seconds).



●When speed decreases to 0 km/h (MPH), the top speed record screen will apear.

●In the top speed record screen.

●Press the **Adjust button for 3 seconds**, to reset the top speed record.



●Press the **Adjust button** to confirm deletion.
●Press the **Select button** to cancel deletion.

●Successfully deleted.
●The alert dialog will disappear after 3 seconds.

5 General settings instructions

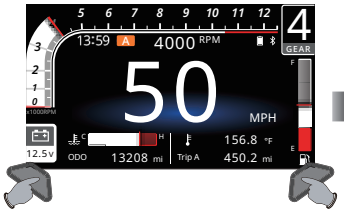
- Press the **Adjust + Select buttons for 3 seconds** on the main screen, record screen, or vehicle condition screen to switch to the setting screen.
- Press the **Select button** or **Adjust button** to select

❶Date/Clock ❷Unit(Speed/Temperature) ❸Backlight(Mode/Brightness/Color) ❹Speeding warning ❺Shift light warning
❻Overheat warning ❼Voltage warning ❽Fuel warning ❾Motor oil maintenance ❿ABS warning ⓫Warning light warning
⓬Tire circumference/Sensing point ⓭Gear ⓮RPM(Pulse / Signal / Range) ⓯Fuel resistance
⓰ A/F ratio ⓱Power Test ⓲Internal and External ODO ⓳Meter information ⓴Bluetooth® and etc.

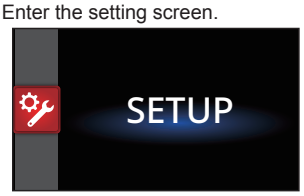
- Press the **Adjust button for 3 seconds** to enter the setting function screen.
- In the setting screen, press the **Select button for 3 seconds** to switch to the startup screen.

NOTE During setting, if any button is not pressed for 3 minutes, it will automatically return to the startup screen.

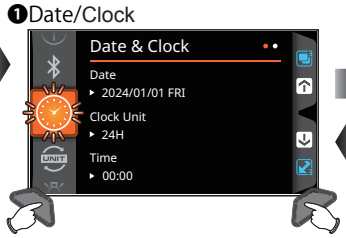
●Main screen



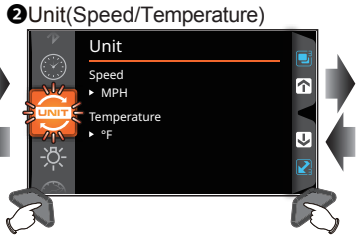
●Enter the setting screen.



❶Date/Clock



❷Unit(Speed/Temperature)

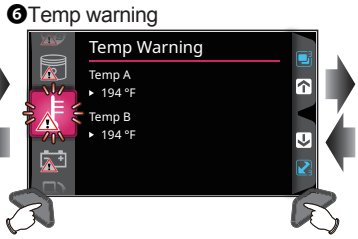


❸Backlight(Mode/Brightness/Color)

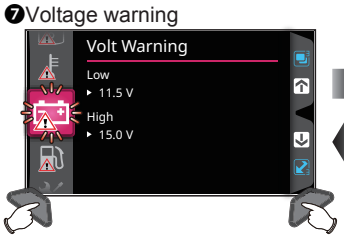
❹Speeding warning

❺Shift light warning

❻Temp warning

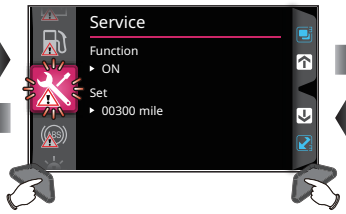


❼Voltage warning

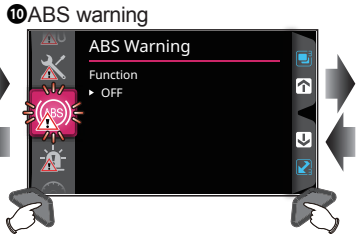


❽Fuel warning

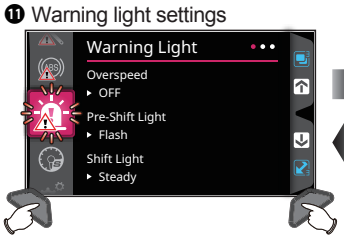
❾Motor oil maintenance



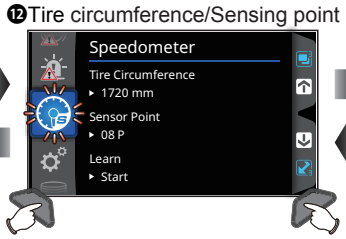
❿ABS warning



⓫ Warning light settings

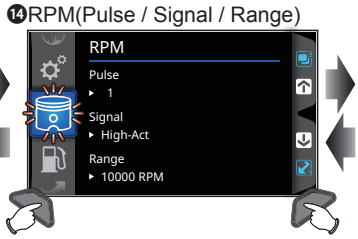


⓬Tire circumference/Sensing point

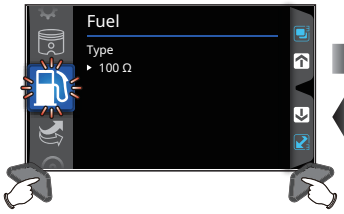


⓭Gear

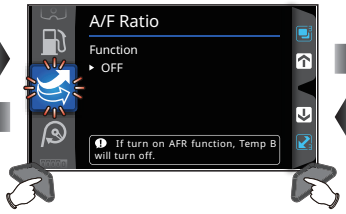
⓮RPM(Pulse / Signal / Range)



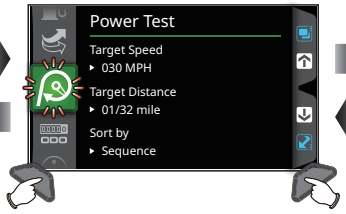
⓯Fuel resistance



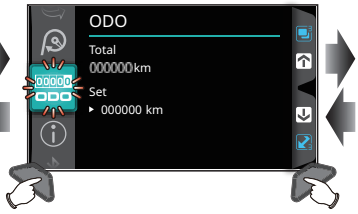
⓰A/F ratio



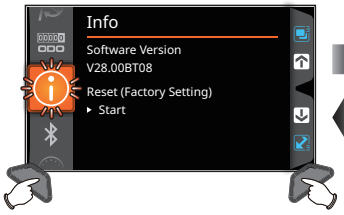
⓱Power Test



⓲Internal and External ODO

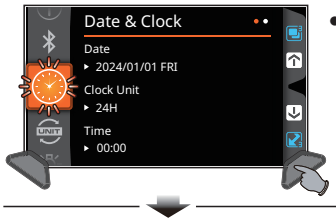


⓳Meter information

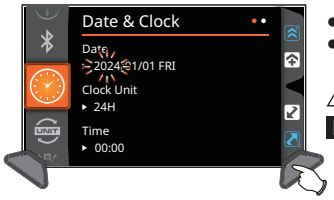


⓴Bluetooth®

5-1 Date & Clock settings



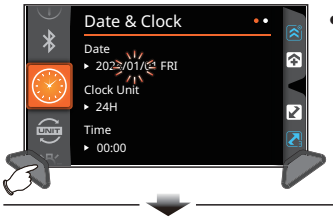
●In the Date & Clock screen, press the **Adjust button** for 3 seconds to enter the Date & Clock settings.



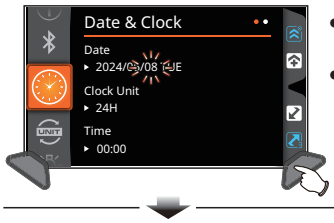
●**Example : To set the date to 2024.06.08.**
●Press the **Adjust button** to switch value setting.

⚠ Now the setting value is flashing.

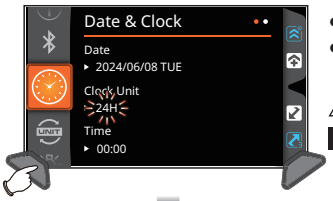
NOTE Setting range :
(year) : 2024 ~ 2099
(month) : 1 ~ 12
(day) : 1 ~ 31
(Week) : MON, TUE, WED, THU,FRI, SAT, SUN



●Press the **Select button** to choose the value number.



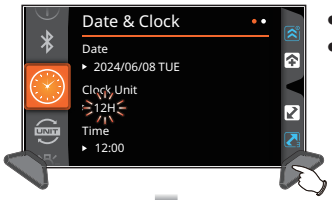
●EX : Set date from 2024.01.01 to 2024.06.08.
●Press the **Adjust button** to enter clock unit setting.



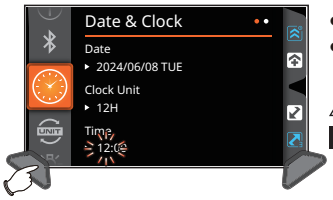
●**Example : Changing to 12H.**
●Press the **Select button** to choose the value number.

⚠ Now the setting value is flashing.

NOTE Setting range : 12 H, 24 H.
Default value : 24 H.



●EX : Set time format from 24 H to 12 H.
●Press the **Adjust button** to enter time adjustment hour setting.

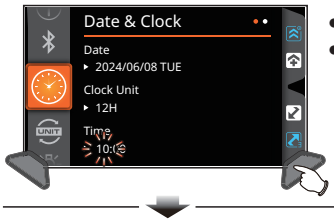


●**Example : To set clock(hour) to 10 hours.**
●Press the **Select button** to choose the value number.

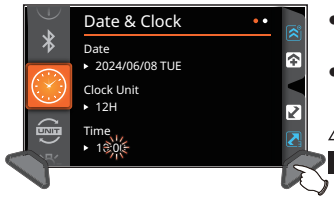
⚠ Now the setting value is flashing.

NOTE Cursor moving order is :
Hour → Digit in ten minutes → Digit in minutes

NOTE Setting range : 1~12(12H)
0 ~23(24H)
Default value : 12(12H)/0(24H)



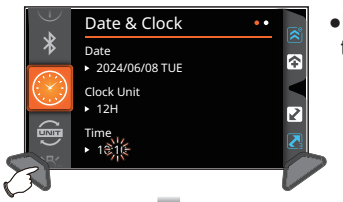
●EX **:** Set hour from 12:00 AM to 10:00 AM.
●Press the **Adjust button** to enter clock adjustment minute setting.



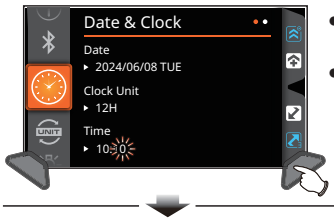
●Press the **Adjust button** to move to the digit you want to set.
●EX: To set clock(minute) as 10 minutes.

⚠ Now the setting value is flashing.

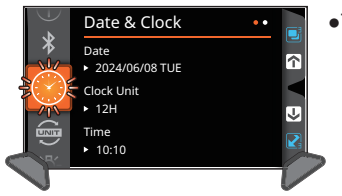
NOTE Setting range : 00~59 minutes.
Default value : 0.



●Press the **Select button** to choose the value number.

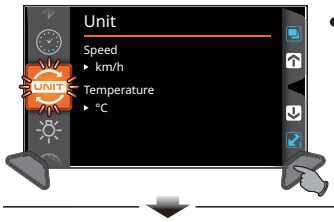


●EX : Set minutes from 0 to 10 minutes.
●Press the **Adjust button** to go back to the Date & Clock screen.

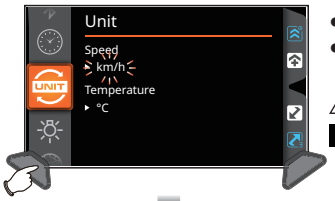


●The Date & Clock screen.

5-2 Unit settings (speed and temperature)



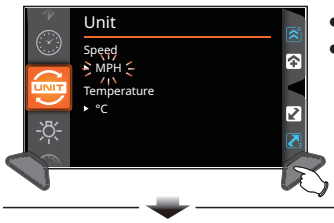
●In the unit screen, press the **Adjust button for 3 seconds** to enter the speed unit setting.



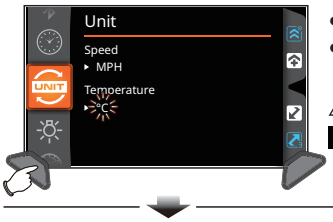
●**Example : To set speed unit as MPH.**
●Press the **Select button** to choose the setting options.

⚠ Now the setting value is flashing.

NOTE Setting range : km/h, MPH.



●EX : Set speed unit from km/h to MPH.
●Press the **Adjust button** to enter the temp. unit setting screen.

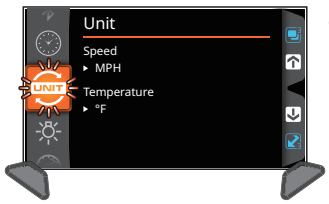


●**Example : To set temp. unit to ˚F.**
●Press the **Select button** to choose the setting options.

⚠ Now the setting value is flashing.

NOTE Setting range : ˚C (Celsius) and ˚F (Fahrenheit).
Default value : ˚C (Celsius).

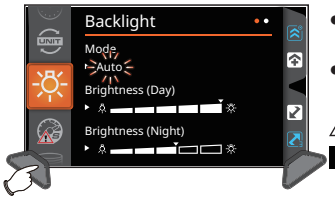
●EX : Set temp. unit from ˚C (Celsius) to ˚F (Fahrenheit).
●Press the **Adjust button** to go back to the unit settings screen.



●The unit setings screen.

5-3 Backlight settings (Mode/Brightness/Color)

●In the backlight settings screen, press the **Adjust button for 3 seconds** to enter the background mode setting.

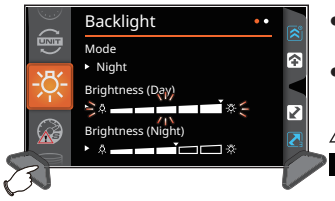


●**Example : To set the gauge to Night mode.**
●Press the **Select button** to choose the setting options.

⚠ Now the setting value is flashing.

NOTE Auto setting (automatically adjusts according to the light : Day mode display for a bright environment and Night mode display for a dark environment), Day mode, Night mode.
Default value : Auto.

●EX : Set backlight from Auto mode to Night mode.
●Press the **Adjust button** to enter the backlight brightness (Day) setting.

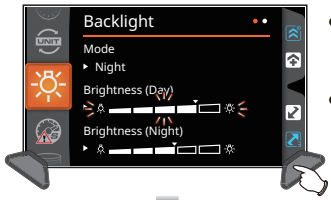


●**Example : To set the backlight brightness (Day) to 4/5(80%).**
●Press the **Select button** to choose the setting value.

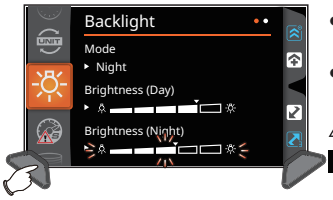
⚠ Now the setting value is flashing.

NOTE Setting range :
1/5 (Darkest)~ 5/5 (Brightest).
Setting unit : 20% per level.
Default value : 5/5(100%).

NOTE The backlight brightness will change immediately after you set the value.



●EX : The backlight brightness (Day) setting is changed from 5/5 (100%) to 4/5 (80%).
●Press the **Adjust button** to enter the backlight brightness (Night) setting.

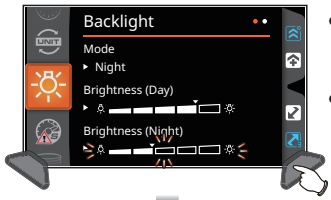


●**Example : To set the backlight brightness (Night) to 2/5(40%).**
●Press the **Select button** to choose the value number.

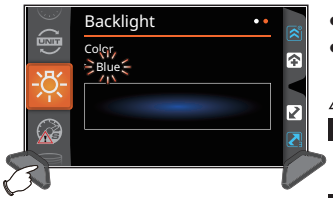
⚠ Now the setting value is flashing.

NOTE Setting range :
1/5 (Darkest) ~ 5/5 (Brightest), need ≦ the setting value of backlight brightness (Day).
Setting unit : 20% per level.
Default value : 3/5(60%).

NOTE The backlight brightness will change immediately after you set the value.



●EX : The backlight brightness (Night) setting is changed from 3/5 (60%) to 2/5 (40%).
●Press the **Adjust button** to enter the backlight color setting.



●**Example : To set backlight color to white.**
●Press the **Select button** to choose the color .

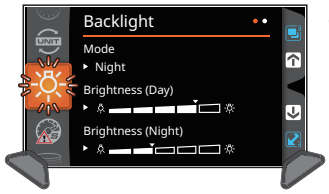
⚠ Now the setting value is flashing.

NOTE Color switches in the following order : blue, green, orange, white.

NOTE Default value : blue.

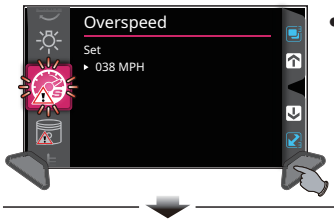
NOTE The backlight color will change immediately after you set the value.

●EX : Set backlight color from blue to white.
●Press the **Adjust button** to go back to the backlight screen.

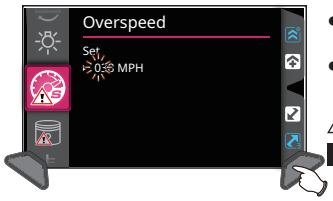


●The backlight screen.

5-4 Speed warning settings



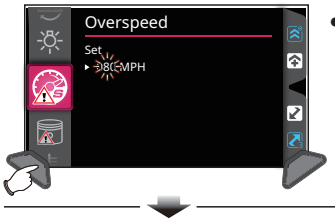
●In the Speed warning screen, press the **Adjust button for 3 seconds** to enter the speed warning setting.



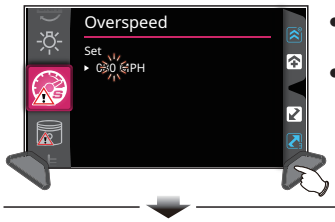
●**Example : To set speed warning value to 80 MPH.**
●Press the **Adjust button** to move to the digit you want to set.

⚠ Now the setting value is flashing.

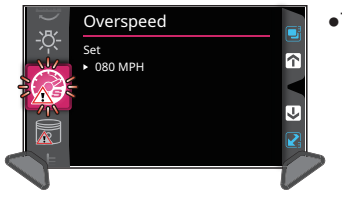
NOTE Setting range : 30~360 km/h (20~225 MPH).
Default value : 60 km/h (38 MPH).



●Press the **Select button** to choose the setting value.

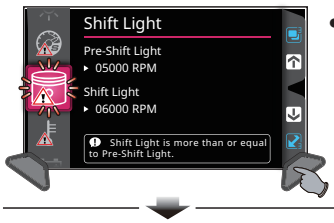


●EX : Set speed warning value from 38 MPH to 80 MPH.
●Press the **Adjust button** to go back to the speed warning screen.

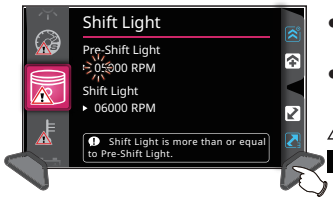


●The speed warning screen.

5-5 Shift light warning settings



●In the shift light warning screen, press the **Adjust button for 3 seconds** to enter the pre-shift light warning setting.

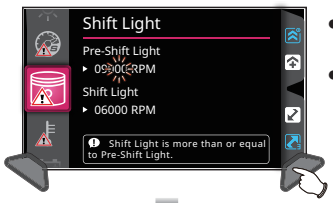


●**Example : To set pre-shift light warning value to 9,000 RPM.**
●Press the **Adjust button** to move to the digit you want to set.

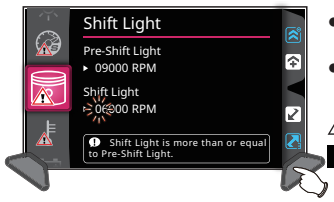
⚠ Now the setting value is flashing.

NOTE Setting range :
1,000 ~ 10,000 RPM
Default value : 5,000 RPM.

●Press the **Select button** to choose the setting value.



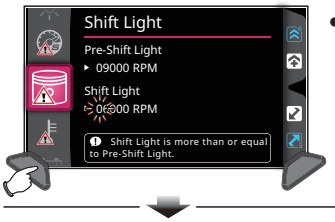
●EX : Set pre-shift light warning value from 5,000 RPM to 9,000 RPM.
●Press the **Adjust button** to enter the shift light warning setting.



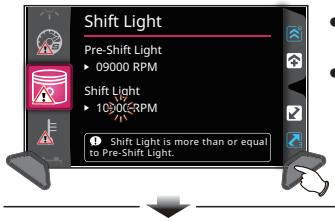
●**Example : To set shift light warning value to 10,000 RPM.**
●Press the **Adjust button** to move to the digit you want to set.

⚠ Now the setting value is flashing.

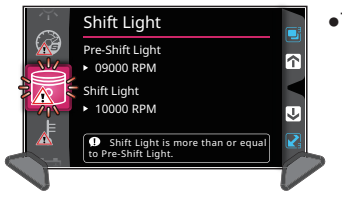
NOTE Setting range :
1,000 ~ 10,000 RPM, need ≧ the setting value of pre-shift light warning.
Default value : 6,000 RPM.



●Press the **Select button** to choose the setting number.

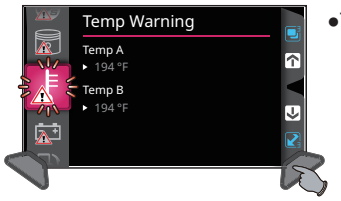


●EX : Set shift light warning value from 6,000 RPM to 10,000 RPM.
●Press the **Adjust button** to go back to the shift light warning screen.



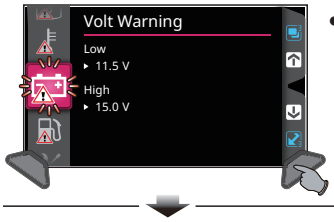
●The shift light warning screen.

5-6 Overheat warning settings

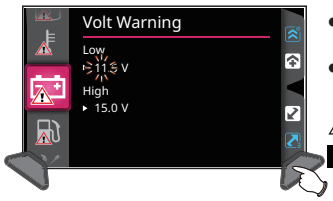


●The overheat warning value is predetermined and cannot be modified.

5-7 Voltage warning settings



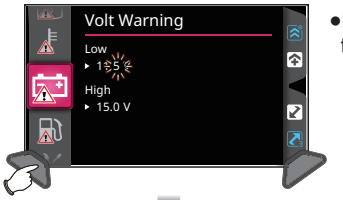
●In the voltage warning screen, press the **Adjust button for 3 seconds** to enter the low voltage warning setting.



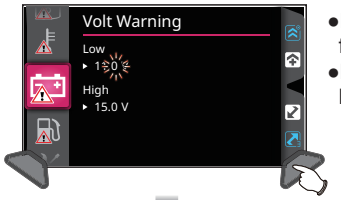
●**Example : To set low voltage warning value to DC 11.0 V.**
●Press the **Adjust button** to move to the digit you want to set.

⚠ Now the setting value is flashing.

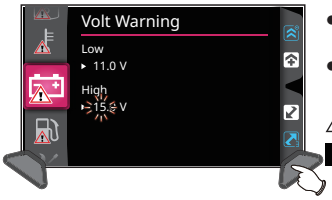
NOTE Setting range : DC 8.0~13.0 V.
Default value : DC 11.5 V.



●Press the **Select button** to choose the setting value.



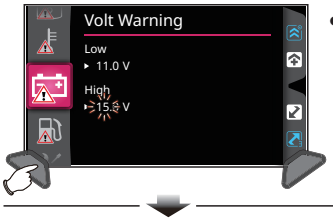
●EX : Set low voltage warning value from DC 11.5 V to DC 11.0 V.
●Press the **Adjust button** to enter the high voltage warning setting.



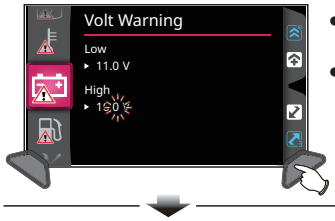
●**Example : To set high voltage warning value to DC 16.0 V.**
●Press the **Adjust button** to move to the digit you want to set.

⚠ Now the setting value is flashing.

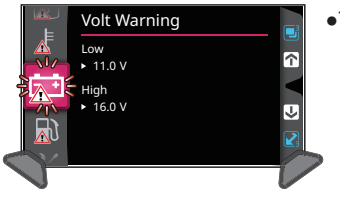
NOTE Setting range : DC 13.1~18.0 V.
Default value : DC 15.0 V.



●Press the **Select button** to choose the setting value.

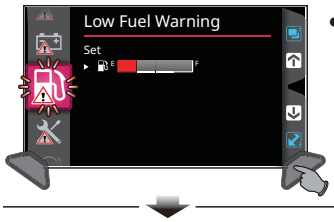


●EX : Set high voltage warning value from DC 15.0 V to DC 16.0 V.
●Press the **Adjust button** to go back to the voltage warning screen.

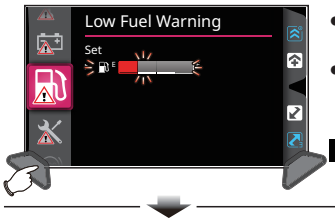


●The voltage warning screen.

5-8 Low fuel warning settings

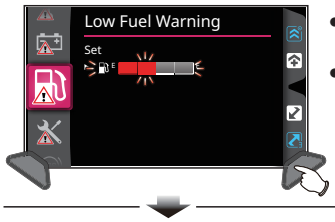


●In the low fuel warning screen, press the **Adjust button for 3 seconds** to enter the low fuel warning setting.



●**Example : To set low fuel warning value to 2/4 .**
●Press the **Select button** to choose the setting value.
Now the setting value is flashing.

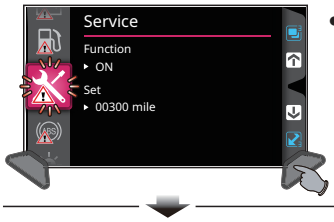
NOTE Setting range : 0/4 ~ 2/4.
Default value : 2/4.



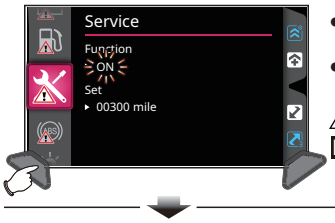
●EX : Set low fuel warning value from 1/4 to 2/4.
●Press the **Adjust button** to go back to the low fuel warning screen.

●The low fuel warning screen.

5-9 Maintenance mileage settings

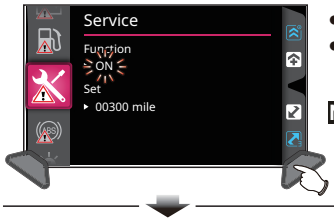


●In the maintenance mileage screen, press the **Adjust button for 3 seconds** to enter the motor oil maintenance setting.



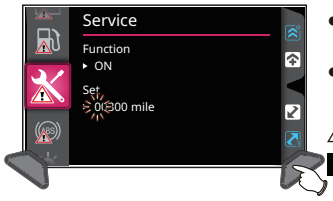
●**Example : To set mileage maintenance to (ON).**
●Press the **Select button** to choose the setting value.
⚠ Now the setting value will blink.

NOTE Settings range : ON, OFF.
Default value : ON.



●EX : Set mileage maintenance to (ON).
●Press the **Adjust button** to enter into the mileage maintenance main screen.

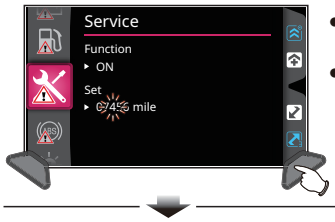
NOTE Setting the value to OFF will directly return the gauge to mileage maintenance main screen.



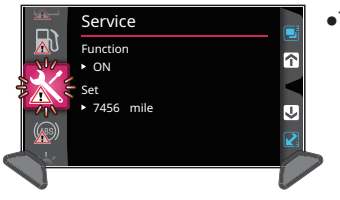
●**Example : To set motor oil maintenance to 7,456 mile.**
●Press the **Adjust button** to move to the digit you want to set.
⚠ Now the setting value is flashing.

NOTE Setting range : 500 ~ 16,000 km (300~10,000 mile).
Default value : 500 km(300 mile).

●Press the **Select button** to choose the setting value.

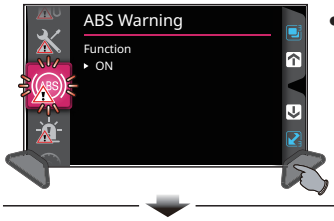


●EX : Set the mileage maintenance from 300 km to 7,456 km.
●Press the **Adjust button** to return to mileage maintenance main screen.



●The maintenance mileage screen.

5-10 ABS warning settings

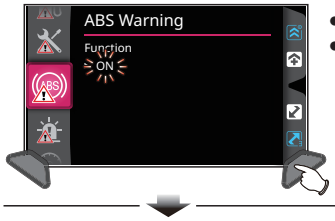


●In the ABS warning screen, press the **Adjust button for 3 seconds** to enter the ABS warning setting.

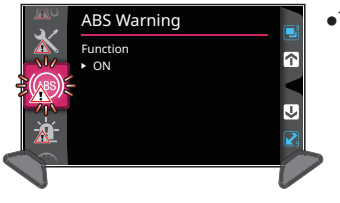
●**Example : To set ABS warning value to ON .**
●Press the **Select button** to choose the setting value.
⚠ Now the setting value will blink.

NOTE Settings range : ON, OFF.
Default value : ON.

⚠ When choosing ON, the ABS signal light (ABS) will activate.



●EX : Set ABS warning to ON.
●Press the **Adjust button** to return to ABS warning setting main screen.



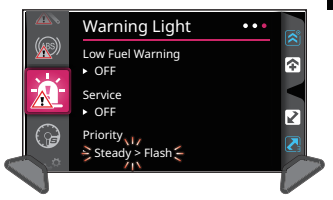
●The ABS warning screen.

5-11 Warning light settings

●In the warning light screen, press the **Adjust button for 3 seconds** to enter the warning light setting.

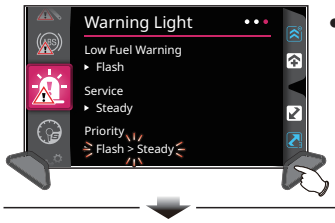
●Press the **Select button** to choose the setting value.
●Press the **Adjust button** to confirm selection.

⚠ Now the setting value is flashing.

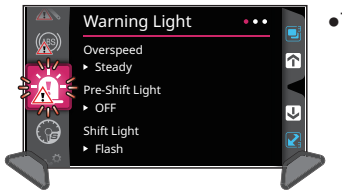


NOTE **Setting range :**
OFF, Flash, Steady.
Default value :
1. Overspeed : OFF
2. Pre-Shift Light : Flash
3. Shift Light : Steady
4. Temp A Warning : OFF
5. Temp B Warning : OFF
6. Volt Warning : OFF
7. Low Fuel Warning : OFF
8. Service : OFF

NOTE **Priority setting range :**
Steady > Flash / Flash > Steady

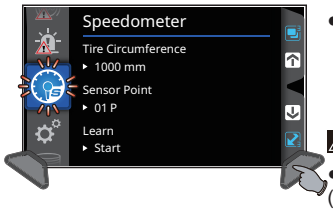


●Press the **Adjust button** to go back to the warning light screen.



●The warning light screen.

5-12 Tire circumference and sensor point settings

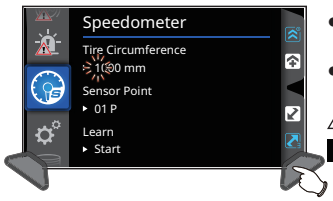


●In the tire circumference and sensor point screen, press the **Adjust button for 3 seconds** to enter the tire circumference and sensor point setting.

⚠ CAUTION!

●Measure the tire circumference (The tire you will install the sensor on) and confirm the number of sensor points.
●The speed displayed on the meter will be affected by the setting, make sure the setting value is correct before you enter the setting.

⚠ Reset this setting value if you change to a different tire size.



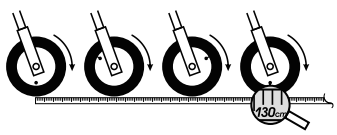
●**Example : If the tire circumference is 1,300 mm.**
●Press the **Adjust button** to choose the setting number.

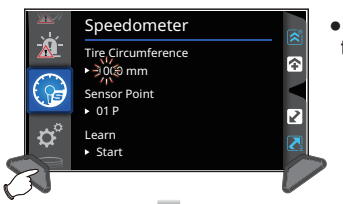
⚠ Now the setting value is flashing.

NOTE Setting range : 300~2,500 mm.
Default value : 1,000 mm.

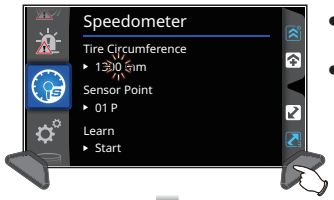
P.S.

●You can use the tire valve as the starting point and the terminal point to measure the wheel circumference with a measuring tape.

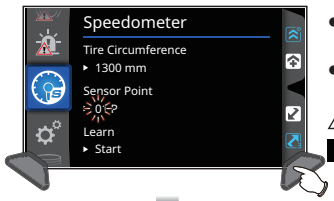




●Press the **Select button** to choose the setting value.



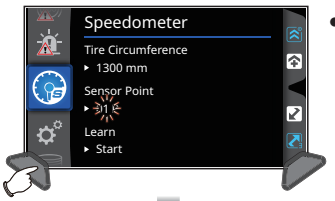
●EX : Set the tire circumference value from 1,000 mm to 1,300 mm .
●Press the **Adjust button** to enter the sensor point setting.



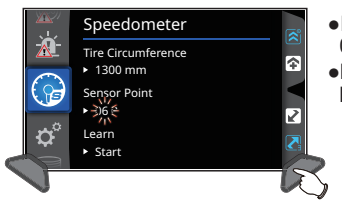
●**Example : To set the sensor point value to 06 P .**
●Press the **Adjust button** to move to the digit you want to set.

⚠ Now the setting value is flashing.

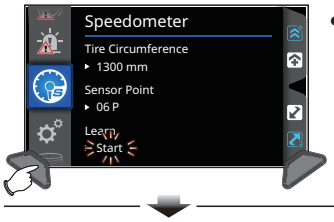
NOTE Setting range : 01 P~20 P.
Default value : 01 P.



●Press the **Select button** to choose the setting number.



●EX : Set the sensor point value from 01 P to 06 P.
●Press the **Adjust button** to enter the learning mode setting.

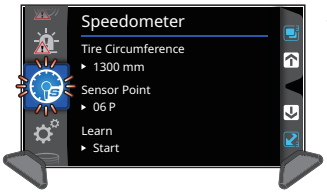


●Press the **Select button** to start the learning mode.

●Ride for 1 km(1 mile). After stopping, press the **Adjust button for 3 seconds**. Complete learning by returning to the tire circumference and sensor point screen.

●Press the **Select button for 3 seconds** to cancel learning.

NOTE When the unit is set to miles, ride for 1 mile.



●The tire circumference and sensor point screen.

5-13 Gear settings

●In the gear screen, press the **Adjust button for 3 seconds** to enter the gear setting.

●**Example : You want to set the gear setting to ON.**

●Press the **Select button** to choose the setting options.

⚠ Now the setting value is flashing.

NOTE Setting range : ON, OFF. Default value : ON.

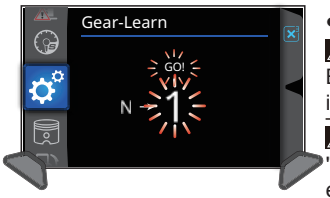
NOTE Select OFF to return to the gear screen.

●EX : Set the gear setting to ON.

●Press the **Adjust button** to enter the gear learning setting screen.

●Press the **Select button** to start the gear learning setting.

NOTE Enter the learning mode to adjust the gear position according to speed and RPM.



●In the gear learning setting.

⚠ CAUTION!

Before setting, be sure to put your motor in Neutral to avoid failed detection.

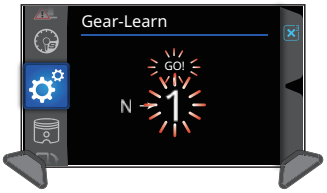
⚠ CAUTION!

"Fail"on the screen means there was an error in detection. Reset gear learning and start again.

⚠ CAUTION!

Press **Select button and hold for 3 seconds** to cancel the gear learning.

●When N→1 appears, change to Gear 1 to ride.When Gear 1 is detected, 1→2 appears and then change to Gear 2.



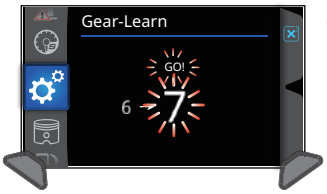
1 → 2 ○Change to Gear 2.

2 → 3 ○Change to Gear 3.

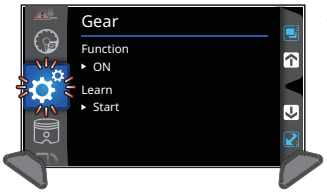
3 → 4 ○Change to Gear 4.

4 → 5 ○Change to Gear 5.

5 → 6 ○Change to Gear 6.

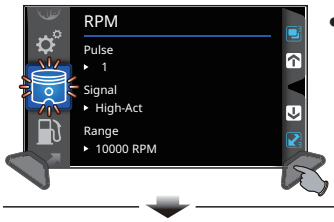


●After reaching and finishing Gear 6, wait for a few seconds to end gear learning and return to the gear screen.

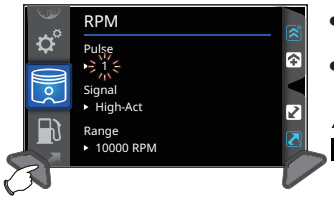


●The gear screen.

5-14 RPM input pulse & signal & range settings



●In the RPM input pulse & signal & range screen, press the **Adjust button for 3 seconds** to enter the RPM input pulse, signal & range settings.



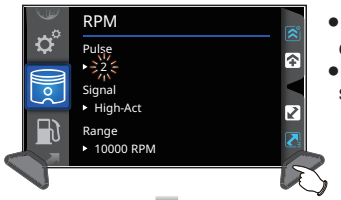
●**Example : You want to set the RPM input pulse to 2 (4 Stroke, 4 piston).**
●Press the **Select button** to choose the setting valuet.

⚠ Now the setting value is flashing.

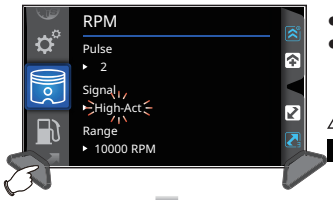
NOTE Setting range : P-0.5, 1.0~24.0.
Default value : 1.0.

The setting value	The corresponding stroke and pistons number.		The corresponding RPM signal number per ignition.
0.5	——	4C-1P	2 RPM signals per 1 ignition.
1.0	2C-1P	4C-2P	1 RPM signal per 1 ignition.
2.0	2C-2P	4C-4P	1 RPM signal per 2 ignition.
3.0	2C-3P	4C-6P	1 RPM signal per 3 ignition.
4.0	2C-4P	4C-8P	1 RPM signal per 4 ignition.
5.0	——	4C-10P	1 RPM signal per 5 ignition.
6.0	2C-6P	4C-12P	1 RPM signal per 6 ignition.

⚠ CAUTION!
Most of the 4-cycle bikes with one single piston are igniting once every360 degree, so the setting should be the same as the bike with 2-cycle and one piston engine.



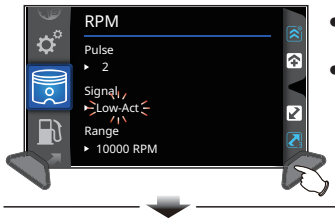
●EX : The RPM input pulse setting is changed from1.0 to 2.0.
●Press the **Adjust button** to enter the signal impulse setting.



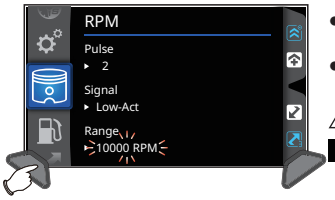
●**Example : Set the signal to Low-Act.**
●Press the **Select button** to choose the setting options.

⚠ Now the setting value is flashing.

NOTE Setting range :High-Act, Low-Act.
Default value : High-Act.



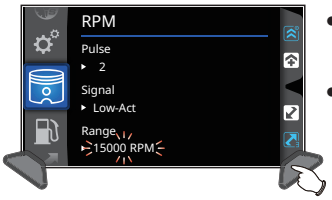
●EX : Set the signal from High-Act to Low-Act.
●Press the **Adjust button** to enter the RPM range setting.



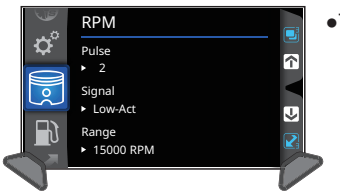
●**Example : Set the RPM range to 15000 RPM.**
●Press the **Select button** to choose the setting options.

⚠ Now the setting value is flashing.

NOTE Setting range : 10000 RPM, 12500 RPM,15000 RPM, 18000 RPM.
Default value : 10000 RPM.

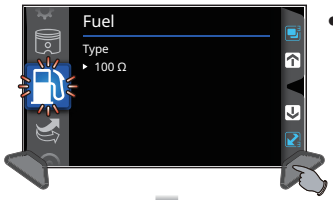


●EX : The RPM range setting is changed from10000 RPM to 15000 RPM.
●Press the **Adjust button** to go back to the RPM input pulse & signal impulse & range screen.

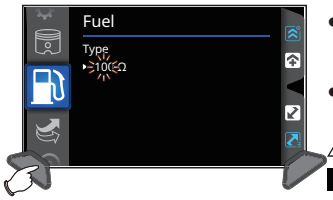


●The RPM input pulse, signal & range screen.

5-15 Fuel gauge resistance settings (Ω)



●In the fuel gauge resistance screen, press the **Adjust button for 3 seconds** to enter the fuel gauge resistance setting.



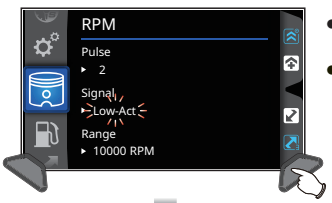
●**Example: If the vehicle is a YAMAHA T-MAX 530, it's resistance is 100 Ω according to the service manual.**
●Press the **Select button** to choose the setting value.

⚠ Now the setting value is flashing.

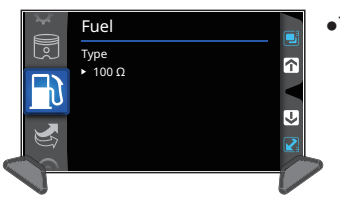
NOTE Setting range : 100 Ω, 250 Ω, 270 Ω, 390 Ω, 510 Ω, 1200 Ω, SW, Custom, OFF.
Default value : 100 Ω.

NOTE Custom fuel level resistance:
1) Manual - Check 5-15-1
Fuel level resistance manual setting instructions.
2) Auto - Check 5-15-2
Fuel level resistance auto setting instructions.

NOTE If the fuel sensor wire is not plugged in, fuel level will display error.

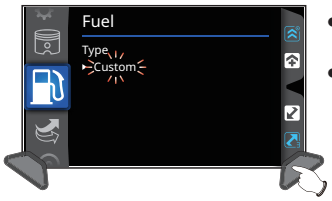


●**EX : Set fuel gauge resistance value to 100 Ω.**
●Press the **Adjust button** to go back to the fuel gauge resistance screen.



●The fuel gauge resistance screen.

5-15-1 Fuel gauge resistance setting (Manual)

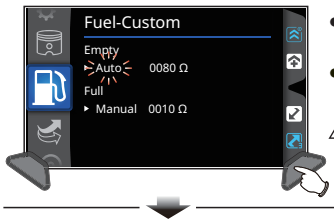


●Press the **Adjust button** to enter the fuel gauge resistance setting(manual).
●**Example : For YAMAHA T-MAX 530, according to the service manual, the fuel tank resistance from low to high is 90 - 100 Ω (the lowest) and 4 - 10 Ω (the highest).So enter the setting value as 10 Ω .**

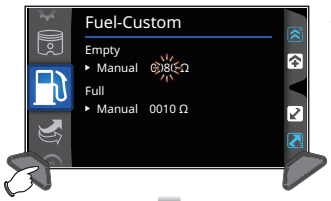
P.S. Try it!

●You can find your fuel level sensor resistance range in the electronic components section of the service manual.

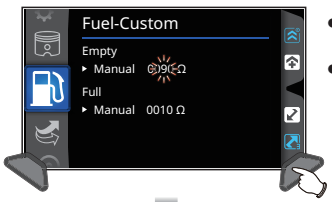
●Normally, we recommend choosing the closest value to the range to ensure that riders will not run out of gas before the fuel level indication. Example : for YAMAHA T-MAX it's 90 - 100 Ω and 4 - 10 Ω , in which case we suggest using 90 - 10 Ω as the lowest and highest range.



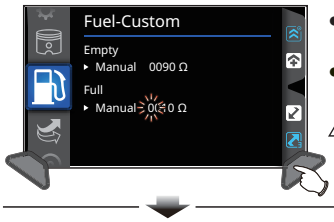
●**Example : To set the lowest fuel level resistance value as 90 Ω.**
●Press the **Adjust button** to move to the digit you want to set.
⚠ Now the setting value is flashing.



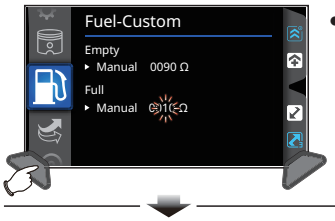
●Press the **Select button** to choose the setting value.



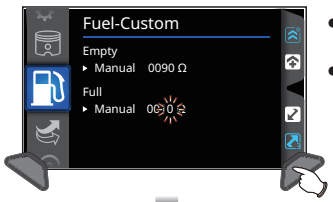
●EX : Set the lowest fuel level resistance value from 80 Ω to 90 Ω.
●Press the **Adjust button twice** to enter the highest fuel level resistance setting.



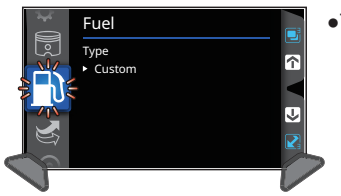
●**Example : To set the highest fuel level resistance value as 10 Ω.**
●Press the **Adjust button** to move to the value you want to set.
⚠ Now the setting value is flashing.



●Press the **Select button** to choose the setting value.

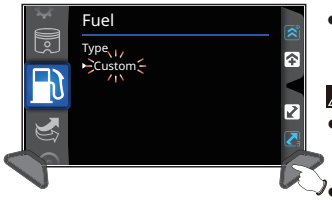


●EX : Set the highest fuel level resistance value to 10 Ω.
●Press the **Adjust button** to go back to the fuel gauge resistance screen.



●The fuel gauge resistance screen.

5-15-2 Fuel gauge resistance setting (Auto Detection)



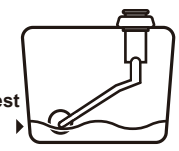
●Press the **Adjust button** to enter the fuel gauge resistance setting(auto detection).

⚠ CAUTION!
●Before detection, ensure that your current fuel level is in the lowest position that you would like to have.
●Stop the vehicle for a few seconds to allow the fuel surface to become steady, then start the detection of the resistance.

P.S. Try it!

●For example of YAMAHA T-MAX 530, When the fuel sensor float is in the lowest position, if you press the Select button, it will detect a resistance around 90 Ω.

The lowest position

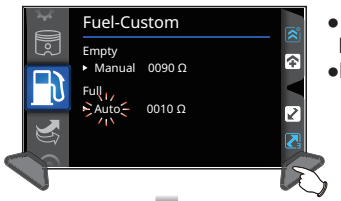


●EX : Auto Detection The lowest fuel level resistance value is 90 Ω.
●Press the **Adjust button 5 times** to enter the highest fuel level resistance auto detection screen.

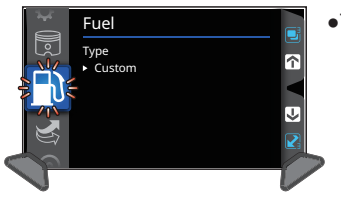
P.S. Try it!

●For example of YAMAHA T-MAX 530, if the fuel surface sensor float is in the highest position and you press the Select button, it will detect a resistance around 10Ω.

The highest position

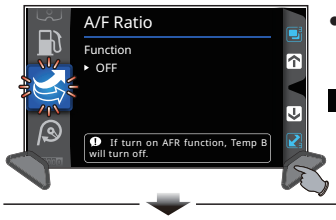


●EX : Auto Detection : the highest fuel level resistance value is 10 Ω.
●Press the **Adjust button** to go back to the fuel gauge resistance screen.



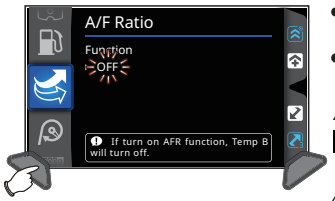
●The fuel gauge resistance screen.

5-16 A/F Ratio Setting



●In the A/F ratio screen, press the **Adjust button for 3 seconds** to enter the A/F ratio setting.

NOTE To use the A/F ratio function, you will need to install related accessories and wiring.

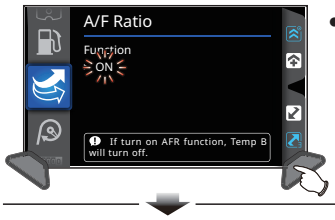


●**Example : To set A/F ratio warning function to ON.**
●Press the **Select button** to choose the setting value.

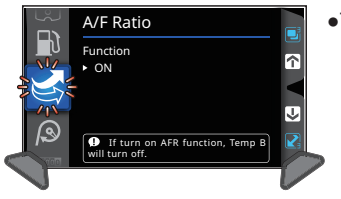
⚠ Now the setting value is flashing.

NOTE Setting range : ON, OFF.
Default value : OFF.

⚠ If you activate the AFR function, the thermometer will automatically turn off.

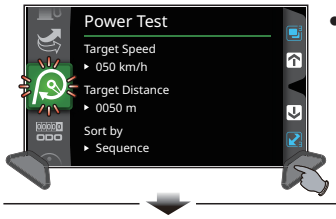


●Press the **Adjust button** to go back to the A/F ratio screen.

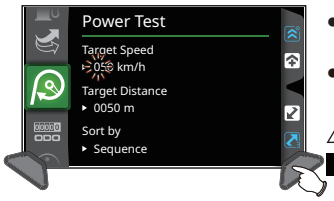


●The A/F ratio screen.

5-17 Power Test settings



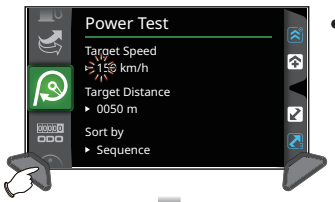
●In the Power Test screen, press the **Adjust button for 3 seconds** to enter the Power Test settings.



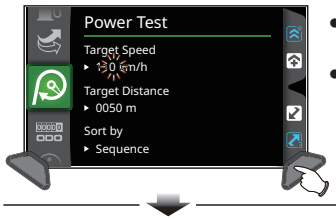
●**Example : To set target speed value to 110 km/h.**
●Press the **Adjust button** to move to the value you want to set.

⚠ Now the setting value is flashing.

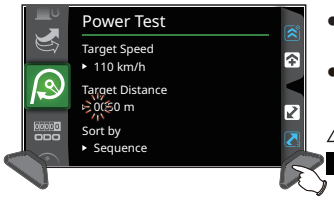
NOTE Setting range : 30~360 km/h (20~225 MPH).



●Press the **Select button** to choose the setting value.



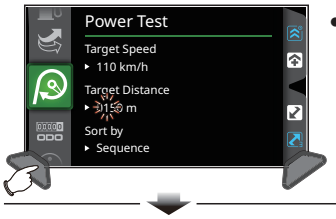
●EX : Set target speed value from 50 km/h to 110km/h.
●Press the **Adjust button** to enter the target distance setting.



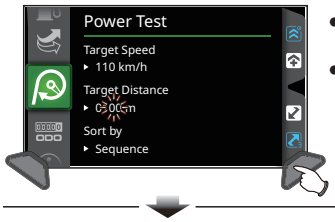
●**Example : To set target distance value to 100 m.**
●Press the **Adjust button** to move to the value you want to set.

⚠ Now the setting value is flashing.

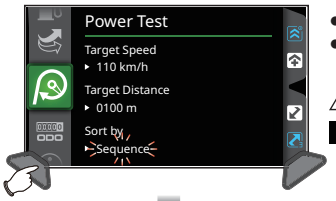
NOTE Setting range : 50~1,500 m (1/32~30/32 mile).



●Press the **Select button** to choose the setting value.



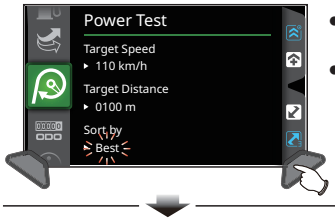
●EX : Set target distance value from 50 m to 100 m.
●Press the **Adjust button** to enter the record order setting.



●**Example : To set record order to Best.**
●Press the **Select button** to choose the setting options.

⚠ Now the setting value is flashing.

NOTE Setting range : Sequence, Best.
Default value : Sequence.



●EX : Set record order from Sequence to Best.
●Press the **Adjust button** to go back to the Power Test screen.

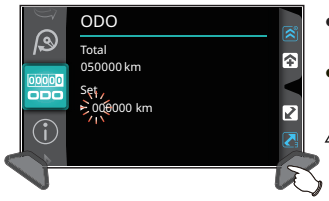
●The Power Test screen.

5-18 Internal and external ODO settings

●In the internal and external ODO screen, press the **Adjust button for 3 seconds** to enter the external ODO setting.

⚠ User unable to adjust or clear internal ODO.

NOTE Display range :0~999,999 km (mile).



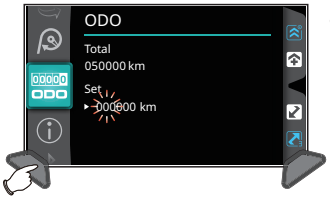
●**Example : To set external total distance value to 12,500 km.**

●Press the **Adjust button** to move to the value you want to set.

⚠ Now the setting value is flashing.

Value sequence : one hundred thousand→ten thousands→thousand →hundred→ten→digit.

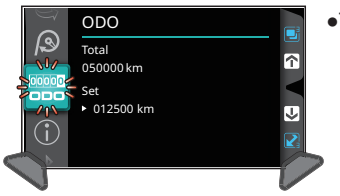
NOTE Setting range : 0 ~ 999,999 km (mile).



●Press the **Select button** to choose the setting value.

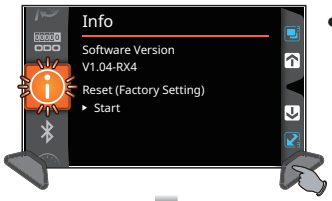
●EX : Set external total distance value from 000,000 km to 12,500 km.

●Press the **Adjust button** to go back to the internal and external ODO screen.

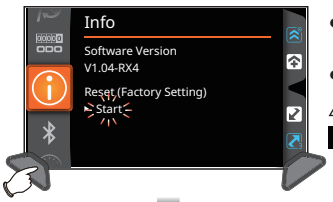


●The internal and external ODO screen.

5-19 Meter information settings



●In the meter information screen, press the **Adjust button for 3 seconds** to enter the meter information setting.

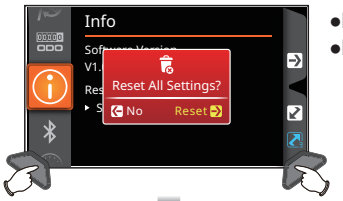


●**Example : To reset the meter to original settings.**

●**Press the Select button** to reset.

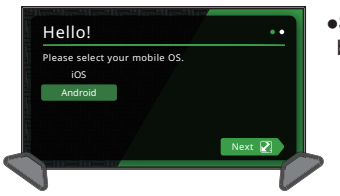
⚠ Now the setting value is flashing.

NOTE User unable to adjust or clear software.



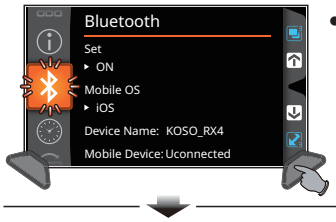
●Press the **Adjust button** to confirm reset.

●Press the **Select button** to cancel reset.

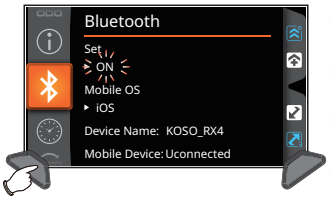


●Successfully reset and return to the boot screen for initial use.

5-20 Bluetooth® setting



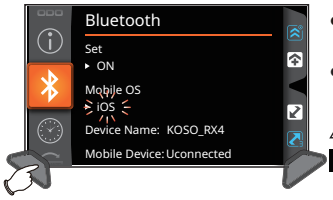
●The Bluetooth® screen, press the **Adjust button for 3 seconds** to enter the Bluetooth® setting.



●**Example : Select "ON" or "OFF" for the Bluetooth® setting.**
●Press the **Select button** to choose the setting options.
●If OFF is selected, then press the **Adjust button** to exit the Bluetooth® setting.
●If ON is selected, then press the **Adjust button** to enter the mobile operating system settings.

⚠ Now the setting value is flashing.

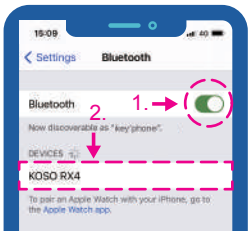
NOTE Setting range : ON, OFF.
Default value : ON.



●**Example : To set mobile operating system to iOS.**
●Press the **Select button** to choose the setting options.

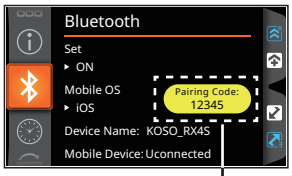
⚠ Now the setting value is flashing.

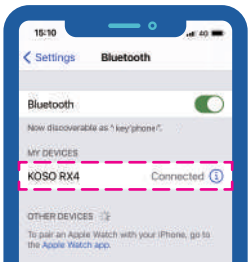
NOTE Setting range : iOS, Android.
Supported version: iOS 5.0 and above, Android 9 and above.
Default value : iOS.



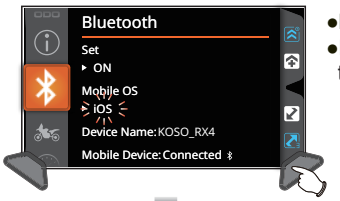
●Turn on the Bluetooth® function of the mobile phone.
●Press device "KOSO RX4."

●Enter the code displayed on "KOSO RX4."

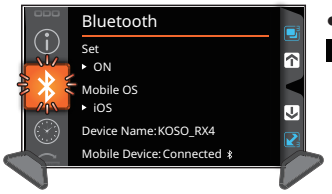




●Device successfully connected.



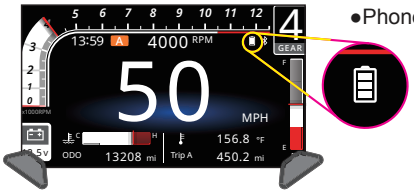
●EX : Bluetooth® successfully connected.
●Press the **Adjust button** to go back to the Bluetooth screen.



●The Bluetooth® screen.

NOTE After the Bluetooth® is successfully connected, the main screen will display the battery, incoming phone call notice, incoming online call notice,music playing message, information of the mobile phone.

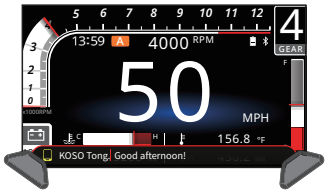
Phone battery



●Phone battery.

NOTE Display range : 3 bars.

Push notification

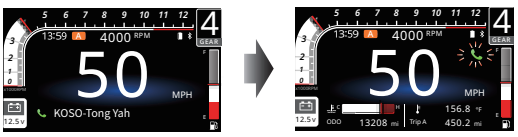


●Push notification screen.

NOTE Display range :
Name - 4 letters, and "…" is displayed for more than 4 letters.
Content -17 letters, and "…" is displayed for more than 17 letters.
→ iOS supported, not Android.

Incoming phone call notice/ Incoming online call notice

●Incoming phone call notice screen.
●Incoming online call notice screen.



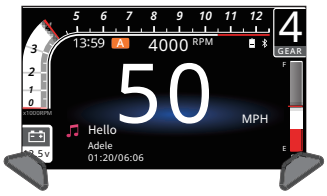
●Call connected screen.

NOTE

●Incoming phone call notice screen.
Display range : Display name or number for up to 12 letters; "…" is displayed if > 12 letters;
"Unknown" is displayed when there is no name
iOS - Display either name or number of the incoming call
Android - Display number only

●Incoming online call notice screen.
Display range : Display name for up to 12 letters;
"…" is displayed if >12 letters;
"Unknown" is displayed when there is no name
→ Supports LINE, WeChat, WhatsApp
→ iOS supported, not Android.

Music playing info



●Music playing info screen.

NOTE

Song title: 15 letters, and "…" displayed if > 15 letters
Artist name: 18 letters, and "…" displayed > 18 letters
Total length of the song : 00:00 ~ 9:59:59,
"9:59:59" displayed if longer.
→Supports iOS only. Android not supported for this function.
Current playing time : 00:00 ~ 9:59:59,
"9:59:59" is displayed if longer.
→Supports iOS only. Android not supported for this function.

※ "The Company is committed to optimizing the Bluetooth® application function of the meter. However, as supports for software and hardware of mobile phones differ, the Bluetooth® application function of the meter may be affected, causing differences in functions."

6 Troubleshooting

The following situations do not indicate malfunctions of the product. Check the following before taking it in for repair.

Trouble	Check item	Trouble	Check item
The meter doesn't work when the power is on.	**●The power isn't supplied to the meter.** **→Make sure the wiring is connected. The wiring and fuse are not broken.** **→The battery is too old to supply needed power (DC 12 V).**	A/F ratio doesn't appear or appears incorrectly.	●Check the setting. →Refer to the manual 5-16 A/F ratio setting.
The meter shows wrong information.	●Check the voltage of your battery, and make sure the voltage is over DC 12 V.	**Fuel meter doesn't display or displays error.**	**●Check your fuel tank.** **●May be poor connection of the harness.** **→Make sure the wires are connected correctly.** **●Check the setting.** **→Check the settings menu, the fuel settings are correct.**
Speed meter doesn't appear or appears incorrectly.	**●May be poor connection of the speed sensor.** **→Check the speed sensor is connected correctly.** **●Check the setting.** **→Refer to the manual 5-12 circumference and sensing point setting.**	The clock is incorrect.	●Check the setting. →Check the settings menu, the clock settings are correct. ●May be due to the reversed power line. →Check the positive wire(Red) connects to the battery(DC 12 V), and main switch positive wiring(Brown) connects to the main switch(DC 12 V).
Tachometer doesn't appear or appears incorrectly.	●Make sure the RPM wire is connected properly. →Check the RPM wire wire is connected correctly. ●Check the spark plug is R type or not. If not, replace the spark plug with the R type spark plug. ●Check the setting. →Refer to the manual 5-14 RPM input pulse, signal and Range.	**Voltage doesn't appear or appears incorrectly.**	**●May be due to poor connection of wiring.** **→Check whether the wires are disconnected or have fallen off.**
		The meter indicator didn't display.	●May be poor connection of the harness. →Make sure the wires are connected correctly.
Thermometer doesn't appear or appear incorrectly.	**●Make sure the temperature wire is connected properly.** **→Check the temperature wire is connected correctly.** **●Check the setting.** **→Check whether it is set to the air-fuel ratio function.**		

※ If the problems still cannot be solved, contact our technical department for assistance.