





INTRODUCTION

Thank you for purchasing KOSO RX2N GP style meter, before operating the unit, please read the instruction thoroughly and retain it for the future reference.

▲ Notice

- 1. The lcd meter is apply for DC 12V.
- 2.For installation, please follow the steps described in manual. Any damage caused by wrong installation shall be imputed to the users.
- 3.Don't break or modify the wire terminal. To avoid the short circuit, please don't pull the wire when installing.
- 4.Do not disassemble or change any parts excluding the manual description.
- 5. The interior examination or maintenance should be executed by our professionals.

MARK MEANING:

NOTE You could get the installation details from the information behind the mark.

Some processes must be followed to avoid the affection caused by wrong installation.

A WARNING! Some processes must be followed to avoid damages to yourself or the public

CAUTION! Some processes must be followed to avoid the damage to the vehicle.

Press the button

A



Press down the button for 3 seconds

1 %

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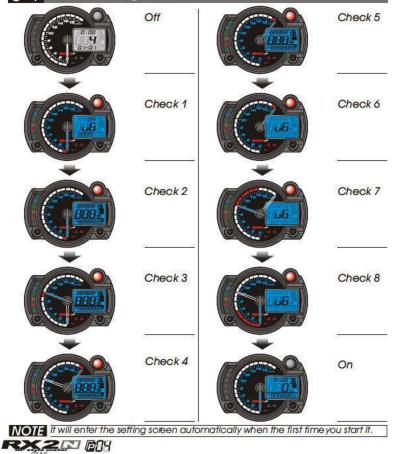
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We recommend that you finish the relative setting before operating to assure the operation of meter.

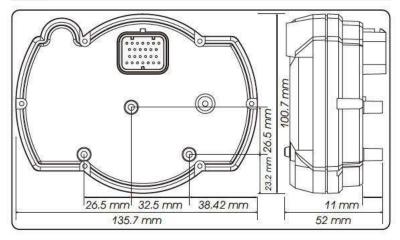




3-1 Auto-checking screen

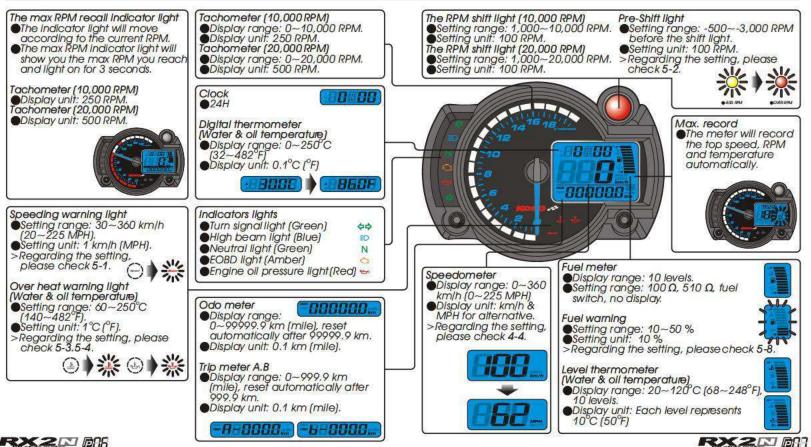


3-2 Meter size





3-3 Overview



3-4 Function, setting instruction

Speedometer	Display range: 0~360 km/h (0~225 MPH)
	Display unit: km/h & MPH for alternative
ODisplay Internal	<0.5 second
Odometer	Display range: 0~99999.9 km (mile),
	reset automatically after 99999.9 km (mile).
OTrip meter A/B	Display range: 0~999.9 km (mile),
	reset automatically after 999.9 km (mile)
OSpeeding warning light	Setting range: 30~360 km/h (20~225 MPH) Setting unit: 1 km/h (MPH)
OTop speed record	Display range: 0~360 km/h (0~225 MPH)
OTire circumference	Setting range: 300~2,500 mm
	Setting unit: 1 mm · Sensitive point: 1~60 Points
Tachometer	Display range: 0~10,000 / 20,000 RPM
	Display unlt: 250 / 500 RPM
ODisplay Internal	<0.5 second
OShift light	Setting range: 1,000~10,000 / 20,000 RPM
	Setting unit: 100 RPM
OPre-shift light	Setting range: -500~-3,000 RPM before the shift light
	Setting unit: 100 RPM
Max. RPM record	Display range: 0~10,000 / 20,000 RPM
ORPM input pulse	Setting range: 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6.
Thermometer	Display unit: °C & °F for alternative
 Digital thermometer (Water & oll temperatur) 	Display range: 0~250°C (32~482°F) ©) Display unit: 0.1°C (°F)
Level thermometer	Display range: 20~120°C (68~248°F), 10 levels
(Water & oil temperatur	e) Display unit: Each level represents 10°C (50°F)
ODisplay Internal	<0.5 second

Top temperature record	Display range: 0~250°C (32~482°F)
Fuel meter	Display range: 10 levels
	Display unit: Each level represents 10 %
	Setting range: 100 Ω , 510 Ω , fuel switch, no displa
○Insufficient fuel warning	Setting range: 10~50 %
	Setting unit: 10 %
Clock	24 H
Perpetual calendar	Setting range: 2,000~2,099 A. D
Target speed timer	Setting range: 30~360 km/h (20~225 MPH)
	Setting unit: 5 km/h (MPH)
Target distance timer	Setting range: 1/32~20/32 mile (50~1,000 M
	Setting unit: 1/32 mile (50 M)
Top speedtimer	The record including,
	1.Speed: 0~360 km/h (0~225 MPH)
	2.Distance: 0~999 M (0~3,280 feet)
	3.RPM: 0~10,000 / 20,000RPM
	4.Timer: 0~9'59"99 second.
Effective voltage	DC 12 V
Effective temperature re	ange -10~+60°C
Meter standard	JIS D 0203 S2
Meter size	135.7 X 100.7 X 52 mm
Meter weight	Around 240 g
Indicator light color	Neutral-green, High beam-blue,
	Turn signal-green, EOBD-amber, Oll-red,
	Speeding-red, RPM shift light yellow / red.

NOTE Design and specification are subject to change without notice!





4-1 The button function instruction

Select button

- 1. In main screen, press the Select button to choose the display of clock, water temperature or oll temperature.
- 2. In power test screen, press the Select button to choose the function you want to use.
- 3. In setting screen, press the Select button to choose the function vouwant to set.

Select button X 3 seconds

1. When the temperature is in the main screen, you could press down the "Select" button for 3 seconds to switch the temperature unit.



- 2. In power test screen, press down the Select
- button for 3 seconds to backto the main screen.
- 3. In setting screen, press down the Select button for 3 seconds to back to the main screen.

Adjust button

- 1. In main screen, press the Adjust button to choose the display of odometer. trip A. trip B or the Max. record.
- 2. In power test screen, press the Adjust button to reset the record, stop the testing, or restart the test.
- 3. In setting screen, press the Adjust button to make the setting. If you keep pressing down the Adjust button the setting number will increase fast.

Adjust button X 3 seconds

In main screen, press down the Adjust button for 3 seconds to reset the trip A, trip B, or the Max. Record.

Press down the Adjust button

In setting screen, to add the setting value fast.

Select & Adjust X 3 seconds

П

In main screen, press down the Select & Adjust buttons at the same time for 3 seconds to enter the setting screen.



CAUTION! For safety reason - you could adjust the setting or operate the function only when the bike is stop.

4-2 The screen switch instruction



In the setting screen, press down the Select button for 3 seconds to back to the main screen.



In main screen, pressdown the Select & Adjust button at the same time for 3 seconds to enter the setting screen.

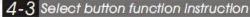
In main screen, press the Select & Adjust button one time to enter the power test screen.

In power test screen, press down the Select button for 3 seconds to back to the main screen.



In any screen, you could press down the Select buttons for 3 seconds to back to the main screen.







In main screen, press the **Select button** to choose the function combination you want to display on the screen.

The alternative combination is as the circle we list: clock+fuel gauge \rightarrow water temperature+fuel gauge \rightarrow water temperature+oil temperature level gauge \rightarrow oil temperature+water temperature level gauge \rightarrow clock+fuel gauge.

NOTE If you don't install the fuel wiring, the fuel gauge will not display.

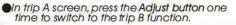
When the temperature Is In the main screen, you could press down the "Select" button for 3 seconds to switch the temperature unit.





4-4 Adjust button function instruction

In ODO function, press the Adjust button one time to switch to the trip A function.



Press down the Adjust button for 3 seconds to reset the trip A.



- In trip B screen, press the Adjust button one time to switch to the Max.record function.
- Press down the Adjust button for 3 seconds to reset the trip B.



- In Max. record screen, press the Adjust button one time to switch to the ODO function.
- Press the Select button one time to check the oil temperature record.



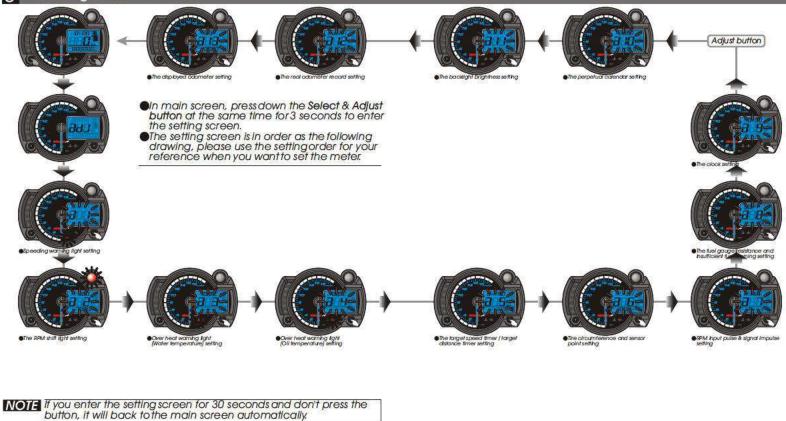
Press down the Adjust button for 3 seconds to reset the Max.record.







5 The setting screen Instruction







5-1 Speeding warning light setting



 In a 1 screen, press the Select button to enter the speeding warning light setting screen.
 EX. Now the speeding warning light setting is 60 km/h.

The speeding light will light on when the speedreaches your speeding warning setting.





 EX. The speeding warning lightyou want to set is 65 km/h.
 Press the Select button to move to the digit

you want to set.



▲ Now the speeding warning light and the setting value is flashing!

NOTE The speeding warning light setting range: 30~360km/h (20~225 MPH). Setting unit: 1 km/h (MPH).

▲ The setting unit will change together with the unit setting (4-4).



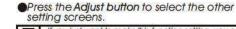
Press the Adjust button to choose the setting value.





- Press the Select button to return to a 1 setting screen.
 EX. Now the setting is changed from 60 km/h
- to 65 km/h. NOTE When you leave this screen, the setting is finished.

2



If you just want to make this function setting, you could press down the Select button for 3 seconds to back to the main screen.

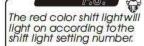


5-2 The RPM shift light setting



In a 2 screen, press the Select button to enter the RPM shift light setting screen. • EX. Now the RPM shift light setting is 7,000 RPM.

Thogs as The yellow color pre-shift light will light on according to the shift light setting number.







EX. The RPM shift light you want to set is 12,000 RPM. Press the Adjust button to choose the setting value.



∧ Now the shift light and the setting value is flashing!

NOTE The setting range: 1,000~10,000 / 20,000 RPM. Setting unit: 100 RPM.



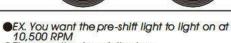
Press the Select button to enter the pre-shift light setting.

EX. Now the shift light setting is changed from 7,000 RPM to 12,000 RPM.



- Press the Select button to return to a 2 setting screen.
- EX. Now The pre-shift light setting is changed from 500 RPM to 1,500 RPM.
- NOTE When you leave this screen, the setting is finished.





- The equation is as following,
- The shift light setting value (12,000 RPM) The pre-shift light setting value, (X)=10,500 (The RPM you want the pre-shift light to light on.)
- →The setting value of pre-shift light = 1,500. It means that you should set the pre-shift light setting as 1,500.
- Press the Adjust button to choose the setting value.



A Now the pre-light and the setting number is flashing! NOTE The setting range: -500~-3,000 RPM. Setting unit: 100 RPM.

5-2 The RPM shift light setting



Press the Adjust button to select the other setting screens.

If you just want to make this function setting, you could press down the Select button for 3 seconds to back to the main screen.

5-3 Over heat warning light (Water temperature) setting



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- In a 3 screen, press the Select button to enter the over heat warning light (Water temperature) setting screen.
- extring screen. ●EX. Now the over heatwarning light (Water temperature) setting is 100.0°C.



The over heat warning light (Water temperature) will flash when the temperature reached your setting.

Next page





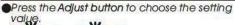
EX. You want to set the over-heatwarning light (Water temperature) at 102.0°C.
Press the Select button to move to the digit you want to set.



▲ Now the water temperature logo and the setting value are flashing!

NOTE The over heat warning lightsetting range: 60~250°C (140~482°F). Setting unit: 1°C (°F).

▲ The setting unit will change together with the unit setting (4-4).









5-3 Over heat warning light (Water temperature) setting



Press the Select button to return to a 3 setting screen.

EX. Now the setting is changed from 100.0°C to 102.0°C.

NOTE When you leave this screen, the setting is finished.

Press the Adjust button to select the other setting screens.

If you just want to make this function setting, you could press down the Select button for 3 seconds to back to the main screen.

5-4 Over heat warning light (Oil temperature) setting



- In a 4 screen, press the Select button to enter the over heat warning light(Oil temperature) setting screen.
- EX. Now the over heatwarning light (Oil temperature) setting is 100.0°C.



The over heat warning light (Oil temperature) will flash when the temperature reached your setting.

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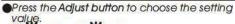
EX. You want to set the over-heatwarning light (Oil temperature) at 102.0°C.
Press the Select button to move to the digit you want to set.

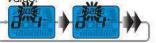


▲ Now the water temperature logo and the setting value are flashing!

NOTE The over heat warning light setting range: 60~250°C (140~482°F). Setting unit: 1°C (°F).

▲ The setting unit will change together with the unit setting (4-4).



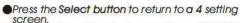






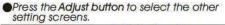
5-4 Over heat warning light (Oil temperature) setting



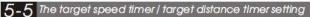


EX. Now the setting is changed from 100.0°C to 102.0°C.

NOTE When you leave this screen, the setting is finished.



If you just want to make this function setting, you could press down the Select button for 3 seconds to back to the main screen.



timer setting screen.

1/32 mile (50 M).







- EX. You want to set the target speed timer setting at 0~110 km/h.
- Press the Adjust button to choose the setting value.

In a 5 screen, press the Select button to enter the target speed timer and target distance

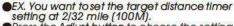
●EX. Now the target speed timer setting is 0~50 km/h and the target distance timer setting is



▲ Now the target speed value is flashing! NOTE The target speed timer setting range: 30~360 km/h (20~225 MPH). Setting unit: 5 km/h (MPH).



- Press the Select button to enter the target distance timer setting screen. •EX. Now the targetspeed timer is changed from 0~50 km/h to 0~110 km/h.



Press the Adjust button to choose the setting value.







Now the target distance value is flashing! NOTE The target distance timer setting range: 1/32~20/32 mile (50~1,000 M).

Setting unit: 1/32 mile (50M).



- Press the Select button to return to a 5 setting screen.
- •EX. Now the target distance timer setting is changed from 1/32 mile(50 M) to 2/32 mile (100 M).

NOTE When you leave this screen, the setting is finished.

5-6 Tire circumference and sensor point setting



 In a 6 screen, press the Select button to enter the tire circumference and sensor point setting screen.

0

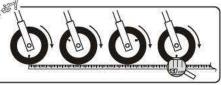
•EX. Now the tire circumference setting is 1,000 mm, and the sensor point is 1.

A CAUTION!

- Please measure the tire circumference.
- •The speed displayed on the meter will be affected by the setting, please make sure the setting number is correct before you make the setting.



You could define the value as the starting point and the terminal point to measure the wheel circumference with a measuring tape.





Press the Adjust button to select the other setting screens.

If you just want to make this function setting, you could press down the Select button for 3 seconds to back to the main screen.



- •EX. You want to set the circumference at 1,300 mm.
- Press the Select button to move to the digit you want to set.



▲ Now the setting value is flashing!

NOTE The tire circumference setting range: 300~2,500 mm. Setting unit: 1 mm.







5-6 Tire circumference and sensor point setting



Press the Adjust button to choose the setting value.





 Press the Select button to enter the sensor point setting screen.
 EX. Now the circumference setting is changed from 1.000 mm to 1.300 mm.



•EX. The sensor point you want to set is 6. •Press the Select button to move to the digit you want to set.



▲Now the sensor point settingvalue is flashing!

NOTE The sensor point setting range: 1~60 points.



Press the Adjust button to choose the setting value.



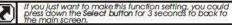
Press the Select button to return to a 6 setting screen.
EX. Now the sensor point setting is changed from 1 to 6.

 \odot

NOTE When you leave this screen, the setting is finished.



Press the Adjust button to select the other setting screens.





5-7 RPM input pulse & signal impulse setting



- In a 7 screen, press the Select button to enter the RPM input pulse setting screen.
- EX. Now the RPM input pulse setting is 1 (4 Stroke, 2 piston) and the signal impulse setting is Hi (The positive impulse).



- EX. You want to set the RPM Input pulse at 2 [4 Stroke, 4 piston].
- Press the Adjust button to choose the setting value.



▲ Now the setting number is flashing!

NOTE The RPM Input pulse setting range is : 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6.

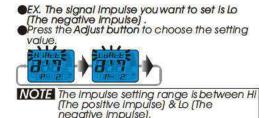
The setting value	The corresponding stroke and pistons number.		The corresponding RPM signal number per ignition.	
0.5	<u> </u>	4C-1P	2 RPM signals per 1 ignition.	
1	2C-1P	4C-2P	1 RPM signal per 1 ignition.	
1.5		4C-3P	2 RPM signals per 3 ignition.	
2	2C-2P	4C-4P	1 RPM signal per 2 ignition.	
2.5	la <u>-</u> 21	4C-5P	2 RPM signals per 5 Ignition.	
3	2C-3P	4C-6P	1 RPM signal per 3 ignition.	
4	2C-4P	4C-8P	1 RPM signal per 4 ignition.	
5		4C-10P	2 RPM signals per 10 ignition.	
6	2C-6P	4C-12P	1 RPM signal per 6 ignition.	

CAUTION! Most of the 4-cycle biles with one single piston are igniting every 360 degree once, so the setting should be the same as the bike with 2-cycle and one piston engine.





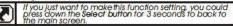
 Press the Select button to enter the signal impulse setting screen.
 EX. Now the RPM input pulse setting is changed from 1 (4 Stroke, 2 piston) to 2 (4 Stroke, 4 piston).



- **NOTE** If the tachometer can't detect the signal (No RPM is displayed on the screen), you could choose another setting, and check it again.
- Press the Select button to return to a 7 setting screen.
- EX. Now the signal impulse setting is changed from Hi P to Lo.
- **NOTE** When you leave this screen, the setting is finished.



Press the Adjust button to select the other setting screens.











- In a 8 screen, press the Select button to enter the fuel gauge resistance and insufficient fuel warning setting screen.
- •EX. Now the fuel gauge resistance setting is 100 Ω and the insufficient fuel warning setting is 30 %.

Usually the fuel gauge resistance is 100 Ω on YAMAHA system, and 510 Ω on HONDA system. The insufficient fuel warning setting: When the fuel is less than your setting, the fuel level gauge will flash to warn you.





- •EX. You want to change the fuel resistance setting to 510 Ω .
- Press the Adjust button to choose the setting value.



▲ Now the resistance setting value is flashing!

NOTE The fuel gauge resistance setting range : 100Ω , 510Ω , fuel switch. The switch setting is for the fuel switch only, can't be used for the fuel level sensor. If you don't install the fuel wiring, the

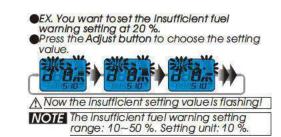
fuel gauge will not display.



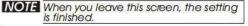


Press the Select button to enter the Insufficient fuel warning setting screen.
 EX. Now the fuel gauge setting is changed from 100 Ω to 510 Ω.

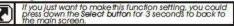
(P)



- Press the Select button to return to a 8 setting screen.
- ●EX. Now the setting is changed from 30 % to 20 %.



Press the Adjust button to select the other setting screens.







5-9 The clock setting



In a 9 screen, press the Select button to enter the clock setting screen. ●EX. Now the time is 0:00.



Press the Select button to return to a 9 setting screen. ●EX. Now the setting is changed from 0 to 5. NOTE When you leave this screen, the setting is finished.

 \bigtriangledown



EX. You want to set the clock at 12:05. Press the Adjust button to choose the setting value.

▲ Now the hour value is flashing!

NOTE This is a 24 H clock.



Press the Adjust button to select the other setting screens.

If you just want to make this function setting, you could press down the Select button for 3 seconds to back to the main screen.



Press the Select button to enter the minute setting screen. •EX. Now the hour is changed from 0 to 12.



034

Press the Adjust button to choose the setting value.



∧ Now the minute value is flashing!



5-10 The perpetual calendar setting



In a 10 screen, press the Select button to enter the perpetual calendar setting screen.
 EX. Now the perpetual calendar setting is 2000/01/01 Saturday.

NOTE The year setting range : 2000~2099.

NOTE When you adjust the year and date, the day will adjust automatically.



- EX. You want to set the perpetual calendar at 2009/07/17. Press the Adjust button to choose the setting
- value.



∧ Now the setting value is flashing!

NOTE If you choose to turn off the calendar function, press the Select button to return to a 10 screen. Then you could press the Adjust button to select other setting screens.



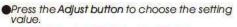
lext page

DRA

Press the Select button to enter the year setting screen.



- Press the Select button to enter the month setting screen.
- ●EX. Now the year setting is changed from 2000 to 2009.





Press the Adjust button to choose the setting value.



∧ Now the setting value is flashing!



Press the Select button to enter the date setting screen. EX. Now the month setting is changed from 1

to 7.



The perpetual calendar setting 5-1



Press the Adjust button to choose the setting value.



∧ Now the setting value is flashing!

NOTE The date setting range: 1~31.

NOTE When you adjust the year and date, the day will adjust automatically.



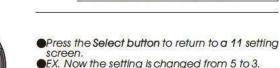
In a 11 screen, press the Select button to enter the backlight brightness setting screen. • EX. Now the backlight brightness is 5 (The brightest setting).



EX. You want to set the brightness at 3. Press the Adjust button to choose the setting value.



NOTE The backlight brightness setting range: 1~5. **NOTE** The brightness adjust setting is only effective in the LCD brightness.



NOTE When you leave this screen, the setting is finished.



Press the Adjust button to select the other setting screens.

If you just want to make this function setting, you could press down the Select button for 3 seconds to back to the main screen.



Press the Select button to return to a 10 setting screen. EX. Now the setting is changed from 01 to 17. NOTE When you leave this screen, the setting is finished.



Press the Adjust button to select the other setting screens.

If you just want to make this function setting, you could press down the Select button for 3 seconds to back to the main screen.







5-12 The real odometer record setting



The real odometer record is for you to check

- how long the meter already worked. In a 12 screen, press the Adjust button to select the other setting screens.
- ●EX. Now the real odometer record is 10.168 km.

A The setting unit will change together with the unit setting (4-4).

5-13 The displayed odometer setting



In a 13 screen, press the Select button to enter the displayed odometer setting setting screen. ●EX. Now the ODO is 0 km.

- EX. You want to set the displayed odometer as 3,000 km.
- Press the Select button to move to the digit you want to set.



NOTE The setting range: 0~99,999 km. Setting unlt: 1 km/h (MPH).



Press the Adjust button to choose the setting value.



- Press the Select button to return to a 13 setting screen.
- •EX. Now the setting is changed from 0 km to 3,000 km.
- **NOTE** When you leave this screen, the setting is finished.



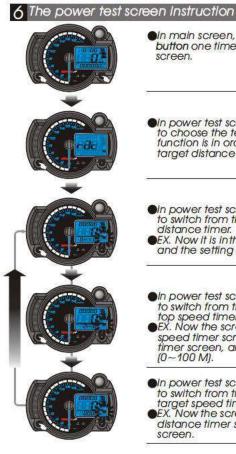


5-13 The displayed odometer setting



Press the Adjust button to select the other setting screens.

If you just want to make this function setting, you could press down the Select button for 3 seconds to back to the main screen.



In main screen, press the Select & Adjust button one time to enter the power test screen.

In power test screen, press the Select button to choose the test you want to do. The test function is in order as target speed timer, target distance timer, top speed timer.

- In power test screen, press the Select button to switch from the target speed timer to target distance timer.
- EX. Now it is in the target speed timerscreen, and the setting is $0 \sim 110$ km/h.
- In power test screen, press the Select button to switch from the target distance timer to the top speed timer screen.
- •EX. Now the screen switch from the target speed timer screen to the target distance timer screen, and the setting is 2/32 mile (0~100 M).
- In power test screen, press the Select button to switch from the top speed timer to the target speed timer.
- •EX. Now the screen switch from the target distance timer screen to the top speed timer screen.







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A WARNING!

Please use this function at racetrack to avoid traffic accidents.

In power test screen, press the Select button one time to enter the target speed timer test screen.

NOTE Please start the test when the bike stops.

Alf you have the powertest record, It will display the record first. You must clear the record before starting a new test.

Press the Adjust button to clear the record and enter the target speed timer test screen. ●EX. Now you could see the record you have before. It displays the target speed timer setting as 0~110 km/h, the test result: 19"20 seconds. The top speed is 110 km/h during the test., The Max. RPM is 10,000 RPM during the

test

lext page

If you just want to check the record, you could press down the Select button for 3 seconds to back to the main screen

0 km/h The timer is automatic, sowhen vour blke start to move the timer will start to count the time and stop automatically after you 888888 stops the blke.



888 38 A During the test, the will keep flashing!

\\ 3 km/h \\Speed up\\110 km/h

88/1928

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

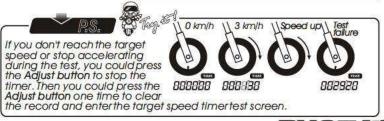
If you just want to use the function one time, press down the Select button for 3 seconds to save the records and back to the main screen.

If you want to test it again, press the Adjust button to clear the record and enter the target speed timer test screen again.

When the blke moves, the timer will start automatically.

A Now the sis flashing!

NOTE About the power test setting, please check 5-5.







A WARNING!

Please use this function at racetrack to avoid traffic accidents.

In power test screen, press the Select button 2 times to enter the target distance timer test screen.

NOTE Please start the test when the blke stops.

Alf you have the powertest record, it will display the record first. You must clear the record before starting a new test.



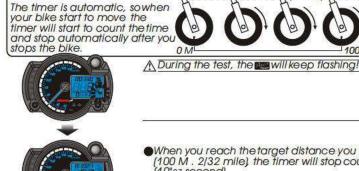
lext page

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Enter the testing

Press the Adjust button to clear the record and enter the target distance timer test screen. EX. Now you could see the record you have before. It displays the target speed timer setting as 2/32 mile (100 M), the test result: 10"27 seconds. The top speed is 63 km/h during the test., The Max. RPM is 8,000 RPM during the test.

If you just want to check the record, you could press down the Select button for 3 seconds to back to the main screen.



When you reach the target distance you set (100 M. 2/32 mile) the timer will stop counting (10"27 second).

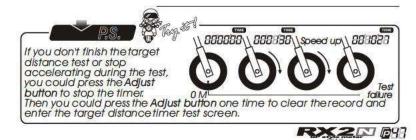
If you just want to use the function one time, press down the Select button for 3 seconds to save the records and back to the main screen.

If you want to test it again, press the Adjust button to clear the record and enter the target speed timer test screen again.

When the bike moves, the timer will start automatically.

A Now the set is flashing!

NOTE About the power test setting, please check 5-5.



6-3 $\mathcal{P}_{TEST}^{OVEV}$ The top speed test

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Enter the testing

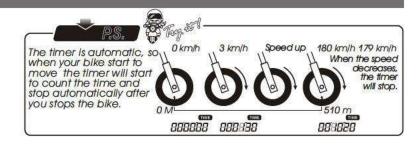
A WARNING!

Please use this function at racetrack to avoid traffic accidents.

In power test screen, press the Select button 3 times to enter the top speed test screen.

NOTE Please start the test when the bike stops.

▲ If you have the powertest record, It will alsplay the record first. You must clear the record before starting a new test.



Press the Adjust button to clear the record and enter the top speed test screen.
EX. Now you could see the record you have before. It displays the top speed is 180 km/h, the distance to reach the top speed is 510 M, The Max. RPM is 10,000 RPM during the test, the time you need to reach the top speed is 10°20 seconds.

f you just want to check the record, you could press down the Select button for 3 seconds to back to the main screen.

When the bike moves, the timer will start automatically.

▲ Now the mail is flashing!

NOTE The top speed test range: Speed: 0~360 km/h. Distance: 0~999 M (3280 feet) RPM: 0~10,000 / 20,000 RPM. Timer: 0~9'59"99 seconds.

▲ The setting unit will change together with the unit setting (4-4).





•When you reach the top speed (180 km/h), the meter will stop counting the distance (510 M), and time (10"20 seconds).

During the test, the mawill keep flashing

If you just want to use the function one time, press down the Select button for 3 seconds to save the records and back to the main screen.

If you want to test it again, press the Adjust button to clear the record and enter the target speed timer test screen again.

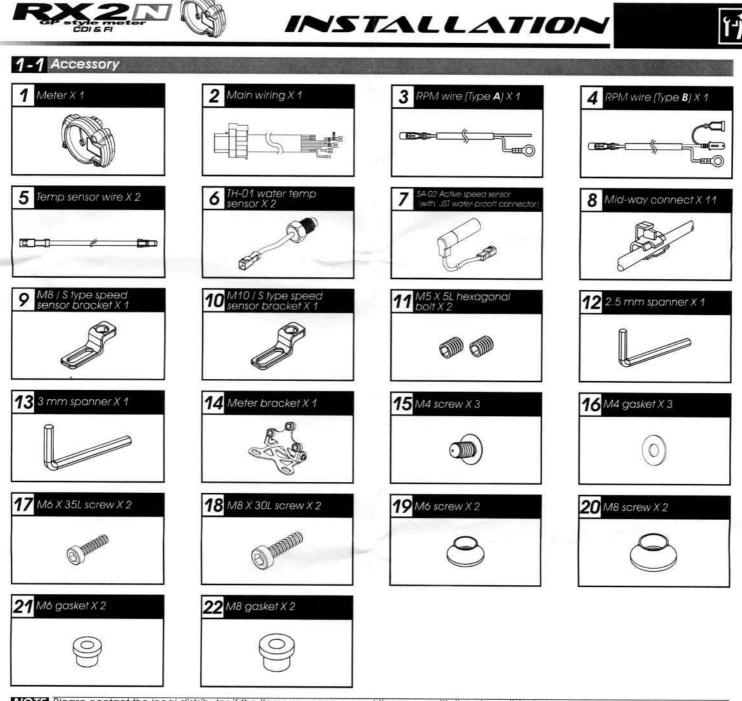


7 Trouble shooting

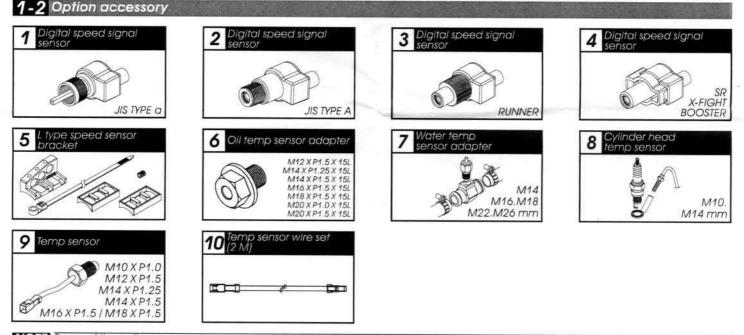
The following situation do not indicate malfunction of the meter. Please check the following before taking it in for repair.

Trouble	Check Item	Trouble	Check Item
The meter doesn't work when the power is on.	 ●The power doesn't supply to the meter. →Please make sure the wiring is connected. The wiring and fuse are not broken. →The battery is broken or the battery is too old to supply enough power (DC 12V) to make the meter work. 	The clock is incorrect. The odometer and trip meter is not accumulated or accumulated wrong data. When switch off, the	 ●It is possible that the positive wire is connected wrongly. →Please check is the red positive wire connect to the permanent power or battery and the brown positive wire is connected to the keyon switch positive pole.
The meter shows wrong information.	Please check the voltage of your battery, and make sure the voltage is over DC 12V.	needle doesn't return to 0.	●It is possible that the permanent power wire is not connected well. →Please check the red positive wire is
Speed does not appear or appear incorrectly.	 Please make sure the speed sensor is connected correctly. Please check the tire-size setting. →please refer to the manual 5-6. 		connect well or not.
Tachometer does not appear or appear Incorrectly.	 Please check the RPM sensor wiring is connected correctly. Please check the spark plug is R type or not. If not, please replace the spark plug with the R type spark plug. Please check your setting. Please refer to the manual 5-7. 		
Temp does not appear or appear incorrectly.	●Please check the sensor. →Does the wiring break or falling off?		
Fuel gauge does not appear or appear Incorrectly.	 Please check your fuel tank. →Is there any fuel inside ? Please check the wiring. →Do you connect the wiring correctly ? Please check the setting. →Please refer to the manual 5-8. 		
			lems according to the steps above, please

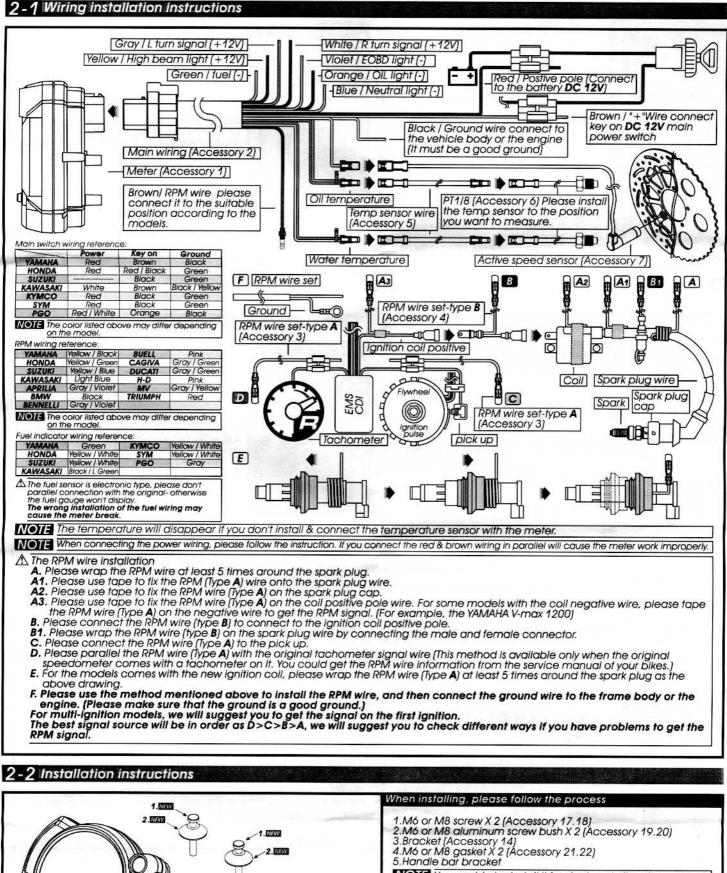




NOTE Please contact the local distributor if the items you open are not the same, with the above-listed one.



NOTE Some of the option accessories may not sell. For the details, please contact the local distributor.



7. NEW

7. WEW

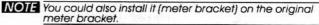
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4. MEW

4.MAW



- 6.M5 screw X 3 (Accessory 15) 7.M5 gasket X 3 (Accessory 16) 8.Meter (Accessory 1) 9.Meter bracket micro-adjustment screw

- NOTE You could choose the angle first and then use the screw to fix the angle.
- NOTE The handle bar bracket screw and screw hole will differ depending on different model. We suggest you to use the additional assembly (item 1.2.4) to fit it.

wh015ba001

MOTO / SCOOTER S type speed sensor bracket instruction

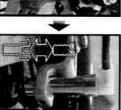


Loose the screw on the caliper

Install the S type bracket on the caliper.



Install the speed sensor.



Adjusting the distance between the sensor and screw to get the best speed signal. Please make sure the distance is under **2 mm** to get the best signal.



Please adjust the bracket to the proper angle and then screw it up. Please make sure the disc screw could pass the hole on the bracket for you to install the sensor into the same hole for catching the speed signal.

MOTO / SCOOTER L type speed sensor bracket instruction

O Then 35



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

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



Please install the speed sensor into the proper hole on the bracket.

Adjusting the distance between the sensor and screw to get the best speed signal. Please make sure the distance is under **2 mm** to get the best signal.

The active speed sensor could L EX. 1 The disc screw.	be installed by the metal parts to detect the speed.
EX. 2 The disc to detect the disc	c gap. (Please make sure the distances between the gaps are the same in advance to avoid wrong
speed signal.) EX. 3 The sprocket to detect the	e disc gap. (Please make sure the distances between the gaps are the same in advance to avoid wrong
speed signal.)	he speed from the disc screws. The more the sensor points are, the better the speed accuracy is. The beed sensor could detect is 60 points per turn.
the signal is detected.	e your hand to turn the tire to see is everything ok. The LED on the active speed sensor will light up once
EX. 1	
	The hexagon socket disc screw The best detect area: The edge of the hexagon socket screw.
	▲ Please don't catch the signal from the middle hole of the hexagon socket screw to avoid wrong signal.
speed sensor	
	The hexagon screw The best detect area: The middle of the screws.
	A some hexagon screw center is with a small hole in the center in this case, we will suggest you to catch
speed sensor	the signal from the edge of the screw like the hexagon socket screw.
→ the defect range ←	
EX. 2	
speed sensor y speed sensor	The disc The best detect area: Please detect the speed signal from the gaps of the disc.
ARA TRA	A Please note that there are discs with the gaps in different difference, and this method will not work on it!
EX. 3	
Deed sensor Stored sensor	The sprocket The best detect area: Please detect the speed signal from the gaps of the sprocket.
	Please note that there are sprockets with the gaps in different difference, and this method will not work on it!
+ the delectronge +	

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