

future reference.

MARK MEANING:

1-1 Accessory

1 LCD meter X 1

9

5 Temp sensor wire set X 2

//8/ S type speec

13 4 mm spanner X 1

**17** Mid-way connect X 2

**1-2** Option accessory

Active speed sensor

/ater temp

ensor adapte

DOF

MIL

M16.M18

M22.M26 mm

5

**∧** Notice



**2-1** Wiring installation instructions



M20 XP1.0 X1

M20 XP1 5 X 1

1.M5 x 12| screw x2 2.Meter bracket for handle bar 3.Fix the bracket on handle bar (7/8 inch) 4.M5 x 18l screw x2 5.M5 washer x2 6.Meter fixed board Fix the meter on the board (6) With the screw (5) .Fix the meter and the bracket together NOTE Please adjust the e best visible angl efore tighte ning the scre

M16XP1.5/M18XP1.

M8 X P1.25 X 22.5L M8 X P1.25 X 27.5

M8 X P1.25 X 29L M10 X P1.25 X 28.3

M10 X P1. M12 X P1.

M14 X P1.2

M14 X P1

speed sensor attached in the kit is passive speed sensor, and the maximum speed signal it could read is 6 points.

6 Temp sensor

Ð

sensor wire se

NOTE The advantage of the active speed sensor is as following, 1. You don't need to install the magnet in the opposite position of the speed sensor, 2. You could set up the sensor signal input up to 60 points, and the speed displayed will be more accurate. Please note that the

#### MOTO / SCOOTER S type speed sensor bracket instruction



Loose the screw on the caliper



Install the S type bracket on the caliper.



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.

Install the speed sensor.



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



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



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



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.



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.

They of

The active speed sensor could be installed by the metal parts to detect the speed.

FX. 1 The disc screw.

EX. 2 The disc to detect the disc 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 disc gap. (Please make sure the distances between the gaps are the same in advance to avoid wrong speed signal.

We will suggest you to catch the speed from the disc screws. The more the sensor points are, the better the speed accuracy is. The maximum sensor points the speed sensor could detect is 60 points per turn.

After installation, please use your hand to turn the tire to see is everything ok. The LED on the active speed sensor will light up once the signal is detected.



## **3-1** Display instruction



3.2	Function	instruction
	lanenen	intern den en

	D' 1 0 0 0 0 1 1 (0 005 MDIN			
	Display range : 0~360 km/h (0~225 MPH) Display unit : km/h & MPH for alternative	Olemperature alarm A > B	Display range : $60 - 250^{\circ}C (140 - 482^{\circ}F)$	
ODisplay interact			Display unit : $1^{\circ}C$ (°F)	
ODisplay internal	<0.5 second	OTOP temperature record	0 0	
Odometer	Display range: 0~99999 km (mile), reset	●Fuel meter	Display range: 0~100%	
	automatically after 0~99999 km (mile)		Setting range: $100 \Omega$ , $510 \Omega$ , no display	
0.7.1	Display unit: 0.1 km (mile)	⊖insufficient fuel warning	Setting range : 10~50 %	
⊖Trip meter A.B	Display range: 0~999.9 km (mile), reset		Setting unit : 10 %	
	automatically after 0~999.9 km (mile)	●Volt meter	Display range : DC 0~18.0 V	
-	Display unit: 0.1 km (mile)		Display unit : DC 0.1 V	
○Speeding warning light	0 0	<ul> <li>Target speed timer</li> </ul>	Setting range: 30~360 km/h (20~225 MPH)	
	Display unit : 1 km/h (MPH)		Setting unit: 5 km/h (MPH)	
○Top speed record	Display range : 0~360 km/h (0~225 MPH)	<ul> <li>Target distance timer</li> </ul>	Setting range: 1/32~30/32 mile (50~1,500 M)	
OTire circumference	Setting range : 300~2,500 mm		Setting unit: 1/32 mile (50 M)	
	Display unit : 1 mm · Sensor point: 20	Top speed timer	The record including,	
ODigital tachometer	Display range : 2,000 RPM		1.Speed: 0~360 km/h (0~225 MPH)	
	Display unit : 10 RPM		2.Distance: 0~999 M (0~3,280 feet)	
<ul> <li>Bar graph tachometer</li> </ul>	Display range : 10,000 RPM 60 segment bar graph		3.RPM: 0~20,000	
	Display unit : 166 RPM for each segment		4.Timer: 0~9'59"99 second.	
	Display range : 15,000 RPM 60 segment bar graph	Back light	DC 12V	
	Display unit : 250 RPM for each segment	•Effective temperature range $-10 \sim +60^{\circ}$ C		
	Display range : 20,000 RPM 60 segment bar graph	Meter standard	JISD 0203 S2	
	Display unit : 333 RPM for each segment	●Meter size	100X 60X 20 mm	
ORPM shift light	Display range : 5,000~20,000	Meter weight	Around 200 g	
	Display unit : 100 RPM •	Telltales	Speeding (RED)	
OPre-shift light A/B	Display range : -500~-50,000 before the shift light	-	• RPM shift light A (Yellow)	
	Display unit : 100 RPM		RPM Shift light (RED)	
Max. RPM record	Display range : 0~20,000 RPM		• Temperature alarm A/B (RED)	
ORPM input pulse	Display range : 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6		RPM shift light B (Orange)	
	ter Display range: 0-999.9 H		tion are subject to change without notice!	
•	Displayunit: 0,1 H(6 Minutes)	None beaugh and specifical	ion are subject to change minour honoel	
Thermometer	Display unit : $^{\circ}C \otimes ^{\circ}F$ for alternative			
•Thermometer A   B	Display range : $0 \sim 250^{\circ}$ C ( $32 \sim 482^{\circ}$ F)			
	Display unit : $0.1^{\circ}C$ (°F)			
ODisplay internal	<0.5 second			
Display memar	<0.0300000			

# 3 stages RPM shift lightt ●Setting range : 5,000~20,000 RPM ●Setting unit : 100 RPM The digital tachometer

- $\bigcirc$  Display range : 0~360 km/h (0~225 MPH) ●Display unit: 1 km/h (MPH)。
- Bar graph tachometer ●Display range: 0~20,000 RPM
- Display unit : 10 RPM •

#### Odometer

Display range: 0~99999 km (mile) , reset automatically after 99999 km (mile) Displayunit: 0.1 km (mile)

## TripA, B

- Display range: 0~999.9 km (mile). reset automatically after 0~999.9 km(mile)
- Displayunit: 0.1 km (mile)

#### Total engine hour meter Display range: 0-999.9H

Displayunit: 0.1 H (6 Minutes)

## **4-1** Function switch instruction



# In trip A screen, press the Adjust button to swtich from trip A to trip B Press down the Adjust button for 3 seconds to reset the trip A. Tinnn In trip B screen, press the Adjust button to swtich from trip B to total engine hour •Press down the Adjust button for 3 seconds to reset the trip B. TÓDO In total engine hour meter screen, press the Adjust button to swtich from total engine hour meter to Max record. •Press down the Adjust button for 3 seconds to reset the total engine hour In Max record screen, press the Adjust button once to switch from Max record Press the Select button once to switch the max record screen from Temp A to Press down the Adjust button for 3 seconds to reset the MAX record. 12:00 00000 ●4-1-3 Adjust+Selectbutton function instruction In main screen, press the Adjust & Select button one time at the same time to switch the digital speedometer to digital



tachometer



●4-1-4 Select+Adjust button function instruction X3 • Press down the Adjust & Select button for 3 seconds to enter setting screen. (Check section 5-2 for detail) **84** 12:00 **Ö**OOOO



**4-2** Function setting instruction

In main screen





**NOTE** The sensor point setting range: 6 points.

In main screen, press down the Select &

- •EX. the sensor point setting is changed from 1 P to 6 P. Press the Select button to enter the
- RPM pulse setting.

## RPM pulse setting

	<ul> <li>EX. You want to change the current setting value from 1 to 2.</li> <li>Press the Adjust button to enter the corresponding value for the RPM signal number per ignition.</li> <li>(Please check the reference table below!)</li> <li>EX. The original setting is 0.5 (4C-1P).</li> <li>NOTE The piston type can be set is 0.5. 1, 1.5. 2, 2.5. 3, 4, 5. 6.</li> </ul>				
*	The setting 0.5 1 1.5 2 2.5 3 4 5 6	2C-1P 2C-2P 2C-3P 2C-3P 2C-4P 2C-6P	4C-1P 4C-2P 4C-3P 4C-3P 4C-5P 4C-5P 4C-6P 4C-6P 4C-10P 4C-12P	The corresponding RPM signal number perightion. 2 RPM signals per 1 ignition. 1 RPM signals per 3 ignition. 2 RPM signal per 3 ignition. 1 RPM signal per 3 ignition. 1 RPM signal per 4 ignition. 2 RPM signal per 4 ignition. 1 RPM signal per 1 ignition. 1 RPM signal per 0 ignition.	The
<b>CAUTION!</b> Most of the 4 every 360 degree once, so the si 2-cycle and one piston engine.					









## 5-3 Power The top speed test



%If still can't solve the problems according to the steps above, please contact with distributors or us.

ck the following before taking it in for repair.					
uble	Check item				
el gauge does not bear or appear orrectly.	<ul> <li>Please check your fuel tank.</li> <li>→ Is there any fuel inside ?</li> <li>Please check the wiring,</li> <li>→ Do you connect the wiring correctly ?</li> <li>Please check the setting.</li> <li>→ Please refer to the manual 4-2.</li> </ul>				
np does not appear or pear incorrectly.	●Please check the sensor. →Does the wiring break or falling off?				
e clock is incorrect.	<ul> <li>Do you connect the wiring correctly.</li> <li>→Please check the positive wire (Red) connects to the battery, and main switch positive wiring (Brown) connects to the main switch.</li> </ul>				