INSTRUCTION



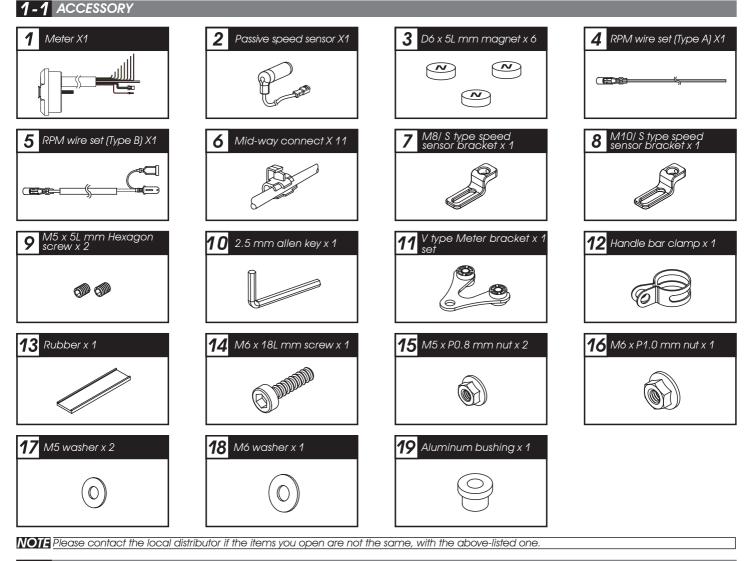
Thank you for purchasing KOSO style speedometer. Before operating the unit, please read the instruction thoroughly and retain it for the future reference.

1. The lcd meter is apply for **DC 12V** .

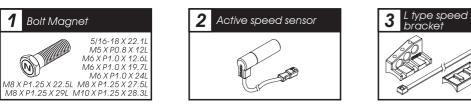
- 2. For installation, please follow the steps described in manual. Any damage caused by wrong installation shall be imputed to the users.
- 3.To avoid the short circuit, please don't pull the wire when installing. Don't break or modify the wire terminal.
- 4.Do not disassemble or change any parts excluding 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.	● ●		
\wedge Some processes must be followed to avoid the affection caused by wrong installation.	(1 ()		
A WARNING. Some processes must be followed to avoid damages to yourself or the public.		Press the button	Press down the button
CAUTION! Some processes must be followed to avoid the damage to the vehicle.		one time	for 3 seconds.



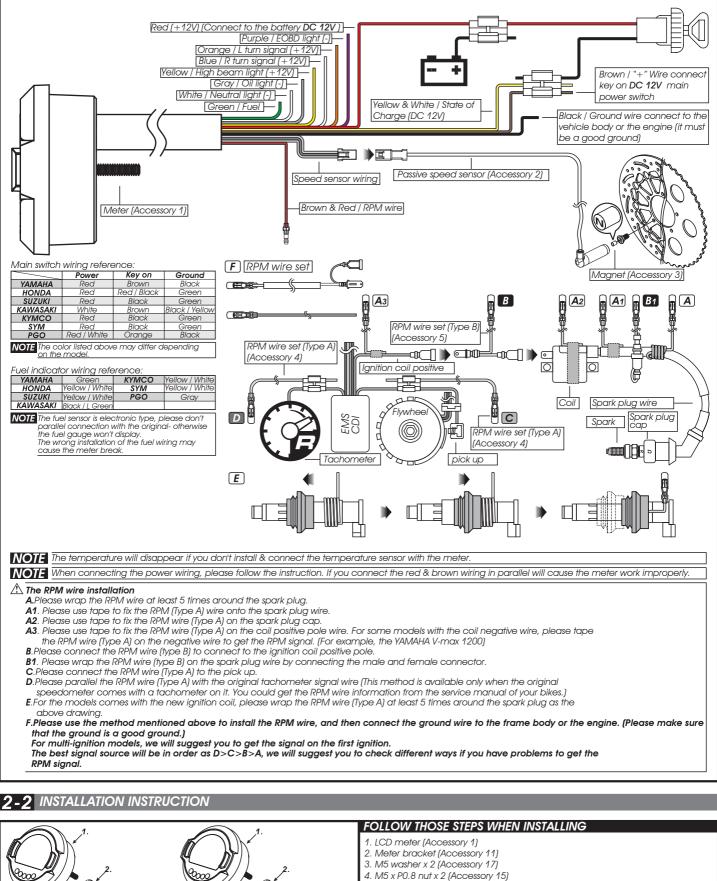
1-2 OPTION ACCESSORY



Note The optional active speed sensor can read up to 20 pulsations and not require the installation of any magnets to pick up the speed. Note that the passive speed sensor supplied with this instrument can read up to 6 pulsations.

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

2-1 WIRING INSTALLATION INSTRUCTIONS



- 5. M6 x 18L screw (Accessory 14)
- 6. M6 washer (Accessory 18)

B

- Use the meter bracket (Accessory 11), handle bar clamp (Accessory 12), rubber (Accessory 13) and M6 x P1.0 nut (Accessory 16) to install the speedometer on the handle bar.
- (B) Use the aluminum bushings (Accessory 11) to install the speedometer on the handle bar stem.

2-3 INSTALLATION INSTRUCTION



Put the magnet into the

brake disc screw hole.



Install the s type sensor bracket.

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Adjust the sensor bracket position to make sure the sensor is facing the magnet to prevent bad speed signal.



Install the speed sensor on the bracket.



In order to get a good speed signal, the distance between the speed sensor and magnet should be under 8mm.

Higher number of magnets installed on the disk brake will result in a faster speed display on the gauge. The letter "N" on the magnets must face the speed sensor in order to pick up correctly the speed. EX 1: If the disk brake has 3 screws, you can install 1 or 3 magnets. EX 2: If the disk brake has 4 screws, you can install 1,2 or 3 magnets. EX 3: If the disk brake has 5 screws, you can install 1 or 5 magnets. EX 4: If the disk brake has 6 screws, you can install 1,2,3 or 6 magnets. **3-1** OVERVIEW Fuel Level Volt meter Display range: 4levels The fuel level begins to flash Display range: 4 levels. when only 1 level left. •The voltage level begins to If you don't install the fuel flash when only 1 level left. wiring, the fuel will not display. Tachometer Odometer Display range: 15 levels. ●Display range: 0~99999.9 Clock Each level represents 1000 km(míle), reset automatically after 99999.9 km(mile). 24 H RPM Digital Volt meter Display unit: 0.1 km(mile). ●Display range: DC 5~24 V. Trip meter A. B Display range: 0~999.9 km (mile) , reset automatically after 999.9 km(mile). Indicators lights Turn signal light (Green) Speedometer Display unit: 0.1 km(mile). Neutral light (Green) Display range: 0~360 km/h. High beam light (Blue) Fuel / Remaining Distance Engine oil pressure light (Red) (0~225 MPH) ●Display range: 999.9~0 km EOBD light (Amber) Display unit: 1 km/h (MPH) (mile) **3-2** FUNCTION, SETTING INSTRUCTION Digital Volt meter Display range: 0~360 km/h (0~225 MPH) Display range: DC 5~24 V, Flashing Warning when Speedometer Display unit: 1 km/h (MPH) Voltage lower than 8V or higher than 18V. Volt meter ODisplay interval <0.5 second Display range: 4 levels Odometer

Obiopia) initerral	iono tobolina		Display ranger rievele
	Display range: 0~99999.9 km (mile), reset automatically		Dispaly unit: 1 level (Low) - DC 11.6~12.0 V
	after 99999.9 km (mile) ; Display unit: 0.1 km (mile)		2 level - DC 12.1~12.5 V
OTrip meter A. B	Display range: 0~999.9 km (mile), reset automatically		3 level - DC 12.6~13.0 V
	after 999.9 km (mile) ; Display unit: 0.1 km (mile)		4 level (High) - DC 13.1 V~
OFuel / Remaining	Display range: 999.9~0 km (mile)	OInsufficient volt warning	Voltage level begins to flash when only 1 level left
Distance	Display unit: 0.1 km (mile)	Backlight brightness adjust	Setting range: 1-5(Darkest)~5-5(Brightest)
OTire circumference	Setting range: 300~2500 mm		Setting unit: adding 20 % each adjustment (5 segments)
	Setting unit: 1 mm . Sensor point: 1~20	Effective voltage	DC 12V
Tachometer	Display range: 15 levels (Each level represents 1000 RPM)	Effective temperature range	∋ -10~+60°C
Fuel Level	Display range: 4 levels	Meter standard	JIS D 0203 S2
	The fuel symbol begins to flash if only 1 level is left.	Meter size	135.7 X 100.7 X 52 mm
OFuel resistance	Setting range: $100\Omega \times 250\Omega \times 510\Omega \times 1200\Omega$	Meter weight	Around 240g
Clock	24 H	Indicator light color	High beam-blue, Turn signal-green
			Oil-red, Neutral-green, EOBD light-Amber
NOTE Design and sp	pecification are subject to change without notice!		

3-3 BUTTON FUNCTION INSTRUCTION

Press the Select button

In main screen: Press the Select button to switch between clock, volt. In setting screen: Press the Select button to change the setting cursor. When the meter is off, press the **Select button** to wake up the clock. Hold pressing the Select button for 3 seconds.

In main screen: Hold pressing the Select button for 3 seconds to switch between

fuel, volt, RPM. In setting screen: Hold pressing the **Select button** for 3 seconds to return the main

Press the Adjust button

screen

In main screen: Press the Adjust button to switch between Odometer, Trip A, Trip B, Fuel / Remaining distance.

In setting screen: Press the Adjust button to change the setting value. When the meter is off, press the Adjust button to wake up the clock.

Hold pressing the Adjust button for 3 seconds

In record screen such as Trip A, Trip B, hold pressing the Adjust button for 3 seconds to reset the record, and switching the unit for Mileage and Speed.

Hold pressing the Adjust button for 10 seconds

In Fuel / Remaining distance screen: Reset the Remaining Mileage to 0 and restart the learning

Hold pressing the Adjust button In setting screen: You could switch the setting value faster by holding pressing the Adjust button.

Hold pressing the Adjust+Select for 3 seconds

In main screen, Hold pressing the Adjust+Select for 3 seconds to enter the setting screen.

3-4 STAND BY FUNCTION INSTRUCTION



•When the meter is off, press Adjust or Select button to wake up clock function.



The clock will display 30 seconds after wake up

