







Thank you for purchasing "KOSO radar series tachometer", led night-back-lighted, multi-function in one. easy-wiring. clear-controlling and easy-using.

# **⚠** 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.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.

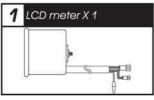
∧ Some processes must be followed to avoid the affection caused by wrong installation.

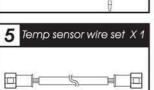
A WARNING: Some processes must be followed to avoid damages to yourself or the public.

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

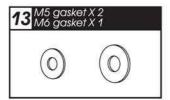


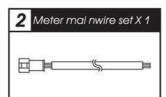
# 1-1 Accessory

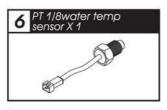






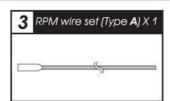


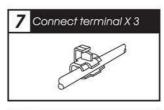






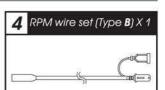


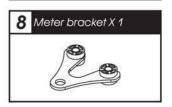


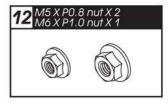






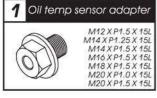


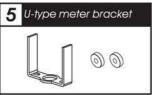


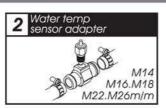


NOTE Please contact the local distributor if the items you open are not the same, with the above-listed one.

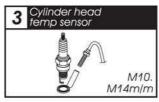
## **1-2** Option accessory



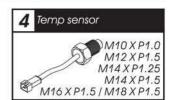






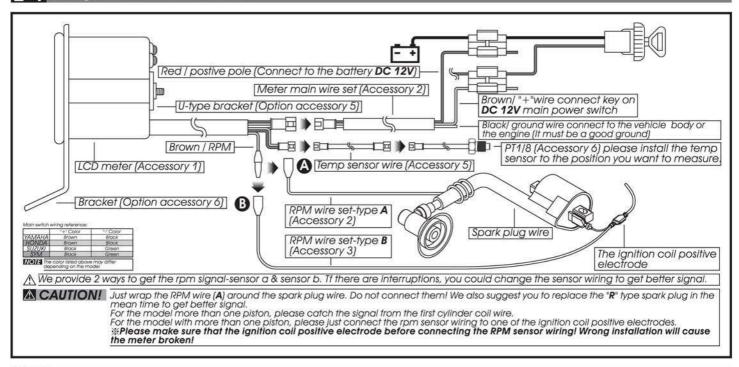




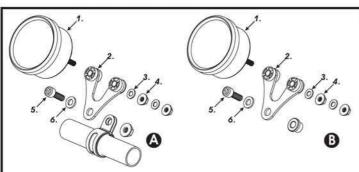


NOTE Some of the option accessories may not sell. For the details, please contact the local distributor.

## 2-1 Wiring installation instructions



# 2-2 Installation instructions



### When installing, please follow the process

- 1. Lcd meter (Accessory 1)
- 2. Meter bracket (Accessory 8)
- 3. M5 gasket X 2 (Accessory 13)
- 4. M5 X PO.8 nut X 2 (Accessory 12)
- 5. M6 X P1.0 screw (Accessory 11)
- 6. M6 gasket (Accessory 13)
- (Accessory 12), handle bar bracket (Accessory 9), rubber (Accessory 10) and the nut to install the speedometer on the handle bar.
- 19 Use the aluminum bush(Accessory 14) to install the speedometer on the handle bar stem.

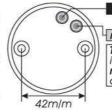
# 3 Instruction of function



### Tachometer

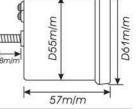
- Display range: 0~9000 RPM.Display unit: 100 RPM.

- Display range: 0~150 °C (32~302 °F).Display unit: 0.1 °C (°F).



mode Temperature nuit switch in main screen, press the

mode button to alternate °C with



### 4 Strokes / pistons setting instruction

0



In main screen, Press THE **SET** & **MODE button** for 3 seconds to enter the STROKE SETTING SCREEN.

EX. we want to set the stroke as 4 stroke 4 piston, press mode button to choose the stroke we want.



Press set button to enter the piston setting screen.



Press mode button 3 times, to choose the

pistons setting. Now **1P** (The number you want to set) & **RPM** is flashing.



Press set button, to back the main screen.

now 2C (The number you want to set) & RPM is flashing.







- Make sure the correct strokes and pistons before setting.
  Make sure the input is correct, or the RPM output will be incorrect.
  We define the engine with the ignition system ignites every 360 degree as 2-stroke and the engine with the ignition system ignites every 720 degree as 4-stroke.
  Some 4-stroke bikes with one single piston are igniting 360 degree once, so the setting should be the same as the bike with 2-stroke and one piston engine.
  2-stroke pistons are 1,2,3,4. 4-stroke pistons are 1,2,3,4,5,6,8,10,12.