speedometer
■■ koso radar series ■■

INSTRUCTION

Thank you for purchasing "**KOSO radar series speedometer**", 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. 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.
6. **if you find the needle is auto-reset by itself, please check your battery situation. if the battery can't provide enough voltage, it will cause the meter auto-reset.**
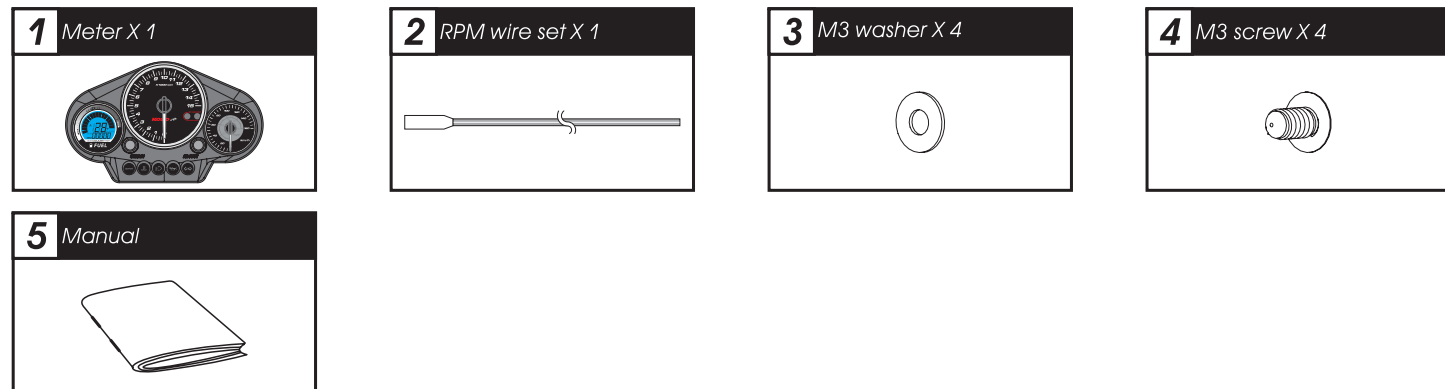
MARK MEANING:

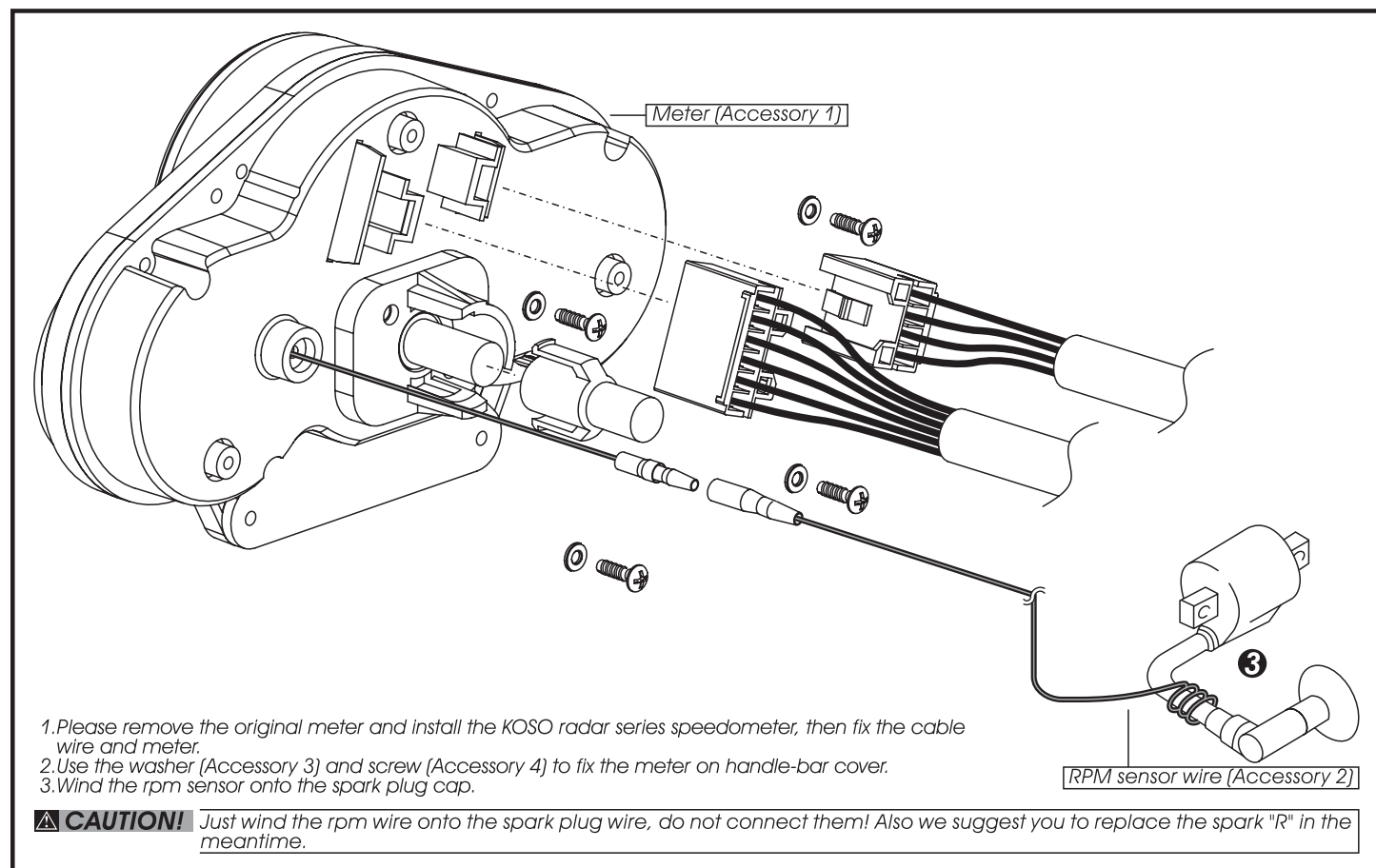| NOTE | You could get the installation details from the information behind the mark. |
⚠	Some processes must be followed to avoid the affection caused by wrong installation.
⚠ **WARNING!**	Some processes must be followed to avoid damages to yourself or the public.
⚠ **CAUTION!**	Some processes must be followed to avoid the damage to the vehicle.

PRESS THE BUTTON ONE TIME

PRESS THE BUTTON 3 SECONDS

1 Accessory

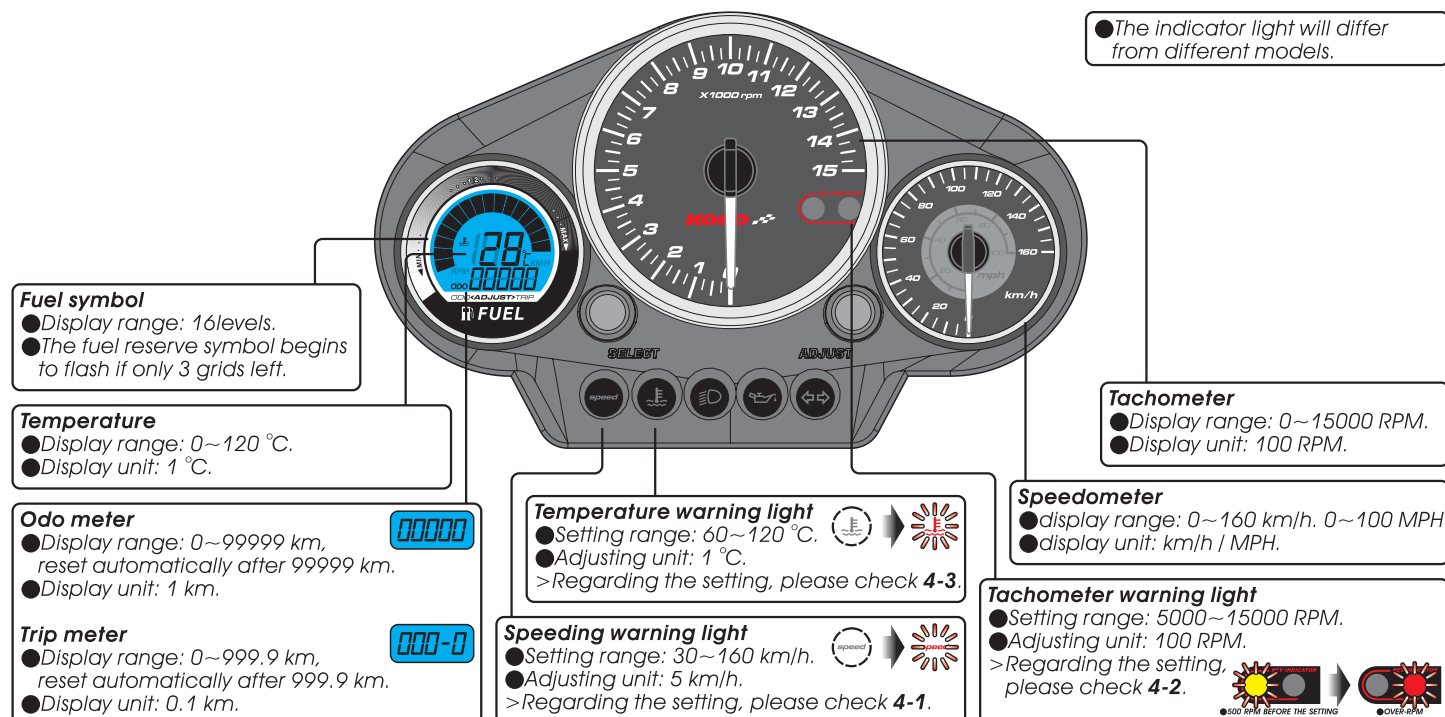| 1 Meter X 1	2 RPM wire set X 1	3 M3 washer X 4	4 M3 screw X 4

5 Manual

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

2 Wiring installation instructions
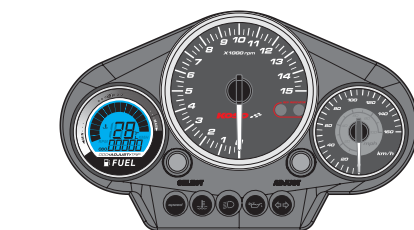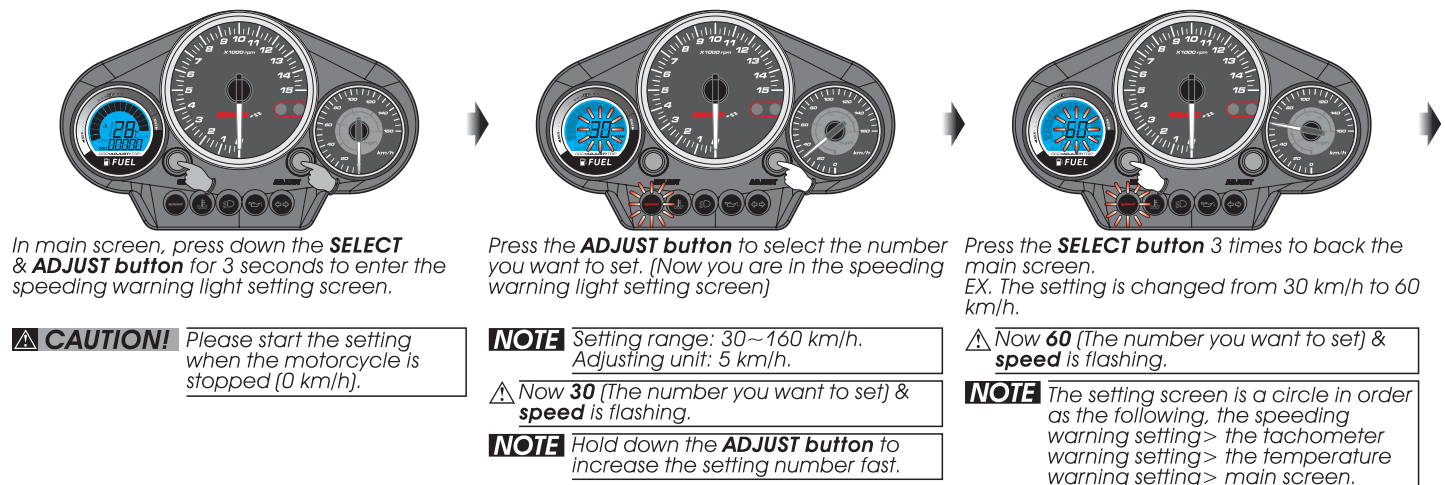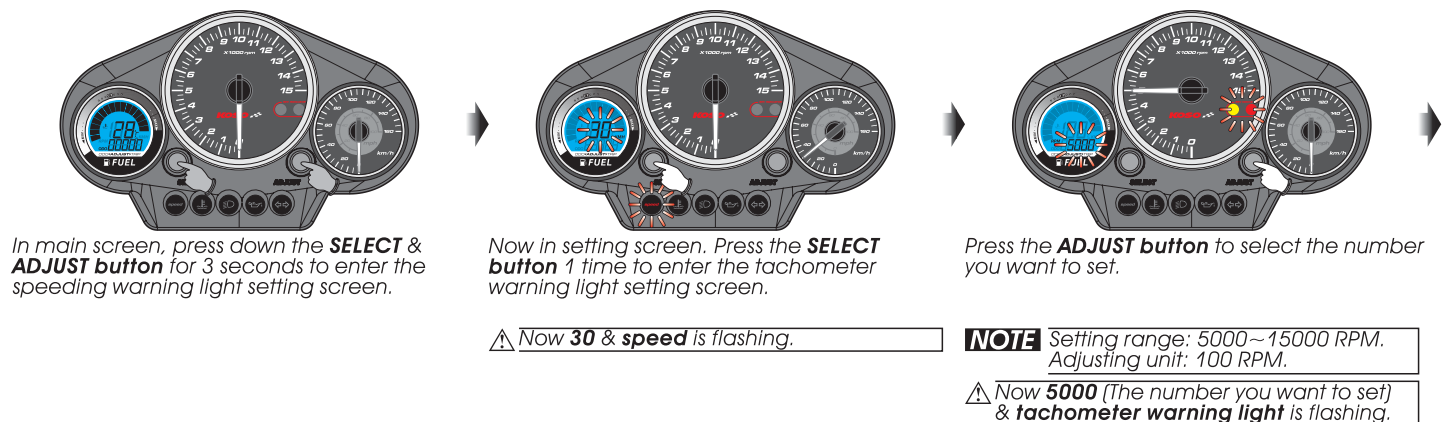

Meter (Accessory 1)

③

RPM sensor wire (Accessory 2)

1. Please remove the original meter and install the KOSO radar series speedometer, then fix the cable wire and meter.
2. Use the washer (Accessory 3) and screw (Accessory 4) to fix the meter on handle-bar cover.
3. Wind the rpm sensor onto the spark plug cap.

⚠ **CAUTION!** Just wind the rpm wire onto the spark plug wire, do not connect them! Also we suggest you to replace the spark "R" in the meantime.

3 Function instruction

● The indicator light will differ from different models.

Fuel symbol
● Display range: 16levels.
● The fuel reserve symbol begins to flash if only 3 grids left.

Temperature
● Display range: 0~120 ℃.
● Display unit: 1 ℃.

Odo meter
● Display range: 0~99999 km, reset automatically after 99999 km.
● Display unit: 1 km.

Trip meter
● Display range: 0~999.9 km, reset automatically after 999.9 km.
● Display unit: 0.1 km.

Temperature warning light
● Setting range: 60~120 ℃.
● Adjusting unit: 1 ℃.
> Regarding the setting, please check **4-3**.

Speeding warning light
● Setting range: 30~160 km/h.
● Adjusting unit: 5 km/h.
> Regarding the setting, please check **4-1**.

Tachometer
● Display range: 0~15000 RPM.
● Display unit: 100 RPM.

Speedometer
● display range: 0~160 km/h. 0~100 MPH.
● display unit: km/h / MPH.

Tachometer warning light
● Setting range: 5000~15000 RPM.
● Adjusting unit: 100 RPM.
> Regarding the setting, please check **4-2**.

4-1 Speeding warning light setting instruction.

In main screen, press down the **SELECT** & **ADJUST button** for 3 seconds to enter the speeding warning light setting screen.

⚠ **CAUTION!** Please start the setting when the motorcycle is stopped (0 km/h).

Press the **ADJUST button** to select the number you want to set. (Now you are in the speeding warning light setting screen)

NOTE Setting range: 30~160 km/h. Adjusting unit: 5 km/h.

⚠ Now **30** (The number you want to set) & **speed** is flashing.

NOTE Hold down the **ADJUST button** to increase the setting number fast.

Press the **SELECT button** 3 times to back the main screen.
EX. The setting is changed from 30 km/h to 60 km/h.

⚠ Now **60** (The number you want to set) & **speed** is flashing.

NOTE The setting screen is a circle in order as the following, the speeding warning setting> the tachometer warning setting> the temperature warning setting> main screen.

Main screen.

4-2 Tachometer warning light setting instruction.

In main screen, press down the **SELECT** & **ADJUST button** for 3 seconds to enter the speeding warning light setting screen.

⚠ Now **30** & **speed** is flashing.

Now in setting screen. Press the **SELECT button** 1 time to enter the tachometer warning light setting screen.

Press the **ADJUST button** to select the number you want to set.

NOTE Setting range: 5000~15000 RPM. Adjusting unit: 100 RPM.

⚠ Now **5000** (The number you want to set) & **tachometer warning light** is flashing.
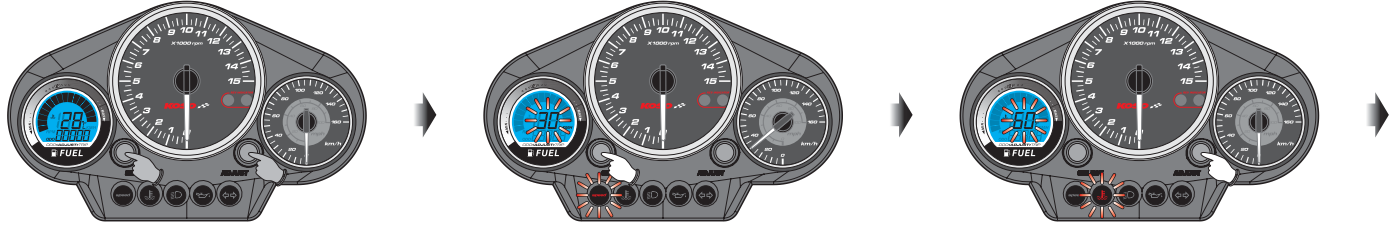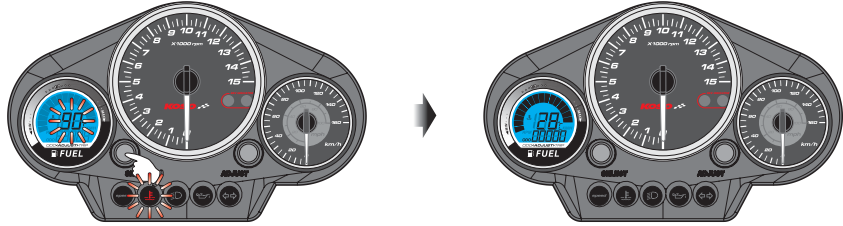
Press the **SELECT button** 2 times to back the main screen.
EX. The setting is changed from 5000 RPM to 8000 RPM.

⚠ Now **8000** (The number you want to set) & **tachometer warning light** is flashing.

Main screen.

4-3 Temperature warning light setting instruction.

In main screen, press down the **SELECT** & **ADJUST button** for 3 seconds to enter the speeding warning light setting screen.

Now in setting screen. press the **SELECT button** 2 times to enter the temperature warning light setting screen.

⚠ Now **30** & **speed** is flashing.

Press the **ADJUST button** to select the number you want to set.

NOTE Setting range: 60~150 ℃.
Adjusting unit: 1 ℃.

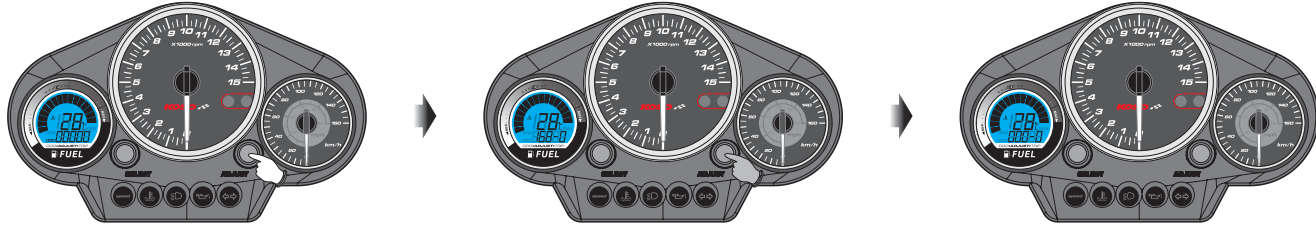⚠ Now **60** (The number you want to set) & **temperature warning light** is flashing.

press the **SELECT button** to back the main screen.
EX. The setting is changed from 60 ℃ to 90 ℃.

⚠ Now **90** (The number you want to set) & **temperature warning light** is flashing.

Main screen.

5 Trip reset instruction

In main screen, press the **ADJUST button** to switch the odometer to trip meter.

Press down the **ADJUST button** for 3 seconds, and then the trip meter will be reset.

Now the trip meter is reset.