





Thank you for purchasing KOSO DL speedometer, before operating the unit, please read the instruction thoroughly and retain it for the future

∧ 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:

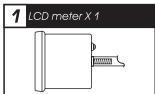
NOTE You could get the installation details from the information behind the mark

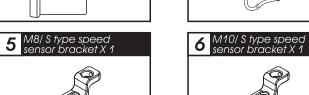
♠ Some processes must be followed to avoid the affection caused by wrong installation

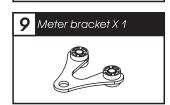
MARNING! Some processes must be followed to avoid damages to yourself or the public

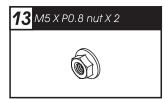
A CAUTION! Some processes must be followed to avoid the damage to the vehicle.

1-1 Accessory



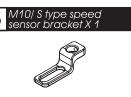




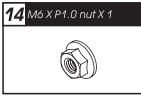




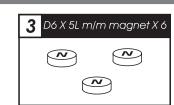






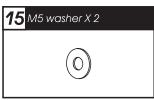














4. Connect terminal X 4

8 2.5 m/m spanner X 1

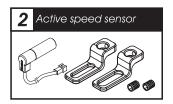
12 M6 X 18L screw X 1

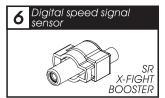
NOTE Please contact the local distributor if the items you open are not the same, with the above-listed one.

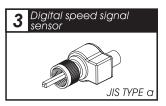
1-2 Option accessory

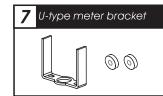


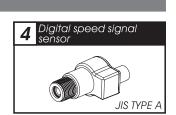






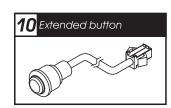






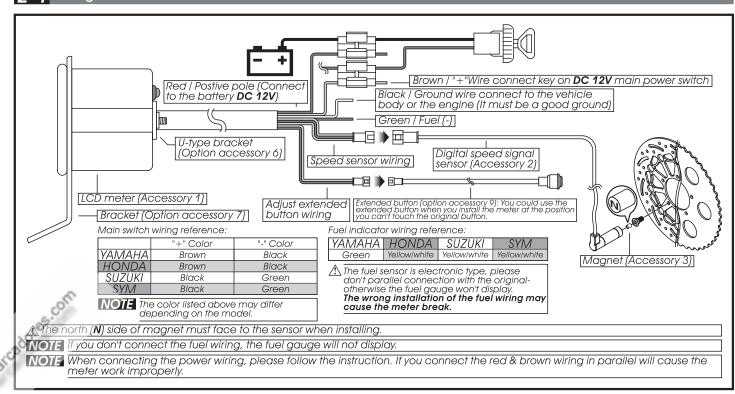




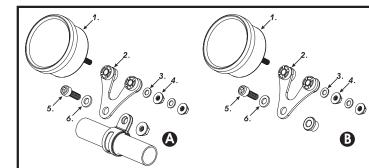


NOTE Some of the option accessories may not sell. For the details, please contact the local distributor

2-1 Wiring installation instructions



2-2 Installation instructions

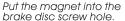


When installing, please follow the process.

- 1. Lcd meter (Accessory 1)
- 2. Meter bracket (Accessory 9)
- 3. M5 washer X 2 (Accessory 15) 4. M5 X P0.8 nut X 2 (Accessory 13)
- 5. M6 X P1.0 screw (Accessory 14)
- 6. M6 washer (Accessory 16)
- (Accessory 9), handle bar clamp (Accessory 10), rubber (Accessory 11) and the nut to install the speedometer on the handle bar
- 17) Use the aluminum bush(Accessory 17) to install the speedometer on the handle bar stem.

2-3 Installation instructions







Install the s type sensor bracket.



position to make sure that the sensor could face the magnet to prevent bad speed signal or no signal!



Install the speed sensor on the bracket.

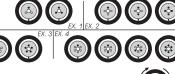


Adjust the distance between sensor and magnet. We suggest you to make sure the distance is under 8 m/m for catching good speed



The more magnet sensor points are, the less the display interval is, when installing the magnet, please put the magnet with **N**-mark side face the outside and put them averagely to avoid wrong signal. EX. 1: If your disk has 3 screws, you could install 1 or 3 magnets to catch the speed. EX. 2: If your disk has 4 screws, you could install 1 \ 2 or 4 magnets to catch the speed. EX. 3: If your disk has 5 screws, you could install 1 or 5 magnets to catch the speed. EX. 4: If your disk has 6 screws, you could install 1 \ 2 \ \ 3 or 6 magnets to catch the speed.

After finishing the magnet installation and sensor point setting, please move your tire to test the speedometer work or not







wh552bb700

3-1 Basic function instruction

Fuel symbol

 Display range: 10 levels.
 The fuel reserve symbol begins to flash if only 3 grids left.

Speedometer

Display range: 0~360 km/ (0~223 MPH). Display unit: km/h or MPH.

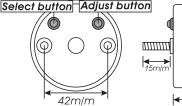


Odo meter ●Display range: 0~99999 km

(mile), reset automatically after 99999 km Display unit: 1 km (mile).

Trip meter

●Display range: 0~999.9 km (mile), reset automatically after 999 9 km Display unit: 0.1 km (mile).



57m/m

Select button ●in main screen, press the Select button to switch the speed unit between Km/h & MPH

Adjust button ●in main screen, press down the Adjust button for 3 seconds to reset the trip meter.

3-2 Function, setting instruction

■Speedometer	Display range: $0\sim360$ km/h ($0\sim223$ MPH)	●Fuel gauge	Display in 10 levels (one level means 10% fue
	Display unit: km/h / MPH alternative	OFuel resistance setting	100 Ω · 510 Ω
ODisplay internal	< 0.5 second	■Effective voltage	DC12V
Odometer	0~99999 km (mile)	●Effective temperature rang	ge -10~+60°C
○Trip	0~999.9 km (mile)	■Meter standard	JIS D 0203
OTire circumference setting	Setting range: 300~2500 m/m	●Meter size	D55 X 57 m/m
	Adjust unit: 1 m/m \cdot Sensor point: 1 \sim 60	■Meter weight	Around 190 g

NOTE Design and specification are subject to change without notice!

NOTE If you enter the setting screen for 30 seconds and don't press the button, it will back to the main screen automatically.

4-1 Tire circumference and sensor point setting



In main screen, press down the Select & Adjust X 3 seconds to enter the Tire circumference and sensor point setting

A CAUTION!

lease measure the tire circumference (the tire you will install the sensor on) and make sure the number of magnet sensor point (You could install the magnet into t he disc screw or the sprocket screw.)

●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.



Press the **Adjust button** to choose the setting number.

Now the circumference setting number is

NOTE The tire circumference setting range: 0~99 m/m.
Adjust unit: 1 m/m.



number.

points.



Press the **Select button** to enter the sensor point setting. EX. The circumference setting is changed

from 1300 m/m to 1330 m/m

Press the Adjust button to choose the setting

NOTE The sensor point setting range: 1~60

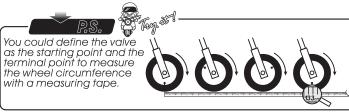
<u>Now the sensor point setting number is flashing!</u>



Press the Adjust button to choose the setting number.
EX. Now the tire circumference setting is

1000 m/m, and the sensor point is 1 \bigwedge Now the circumference setting number is flashing!

NOTE The tire circumference setting range: 300~2500 m/m. Adjust unit: 100 m/m.





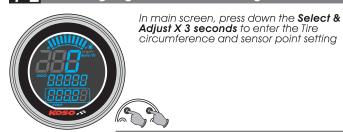


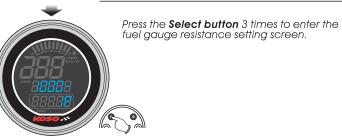
Press **Select button** 2 times, to back the main

EX. the sensor point setting is changed from 1



4-2 The fuel gauge resistance setting





Usually the fuel gauge resistance is 100 Ω on YAMAHA system, and 510 Ω on HONDA system.

over DC 12V.



Press the Adjust button to choose the setting number.

EX. Now the fuel gauge resistance setting is 100 O

Now the resistance setting number is flashina!

NOTE The fuel gauge resistance setting range: 100Ω , 510Ω . If you don't install the fuel wiring, the fuel gauge will not display.



Press **Select button** 1 times, to back the main

EX. Now the fuel resistance setting is changed from 100 Ω to 510 Ω .

5 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
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 no broken.
185.C3	→The battery is broken or the battery is to old to supply enough power (DC 12V) make the meter work.
he meter shows wrong nformation.	Please check the voltage of your battery, and make sure the voltage is

o the meter. ring is ınd fuse are not

the battery is too wer (DC 12V) to incorrectly. of vour

or appear incorrectly.

connected correctly.

Fuel gauge does not appear or appear

Speed does not appear Please make sure the speed sensor is

◆Please check the tire-size setting.→ please refer to the manual 4-1.

●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 4-2.

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

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