



Thank you for purchasing Mini lcd air/fuel ratio, before operating the unit, please read these instructions thoroughly and retain them for future reference.

Notice

- The LCD meter is apply for **CR 2032 (LCD display), DC 12V (Back light)**.
- P.S.** The oxygen sensor will start to detect the signal after starting the engine over one minute.
- The meter is designed for 4-stroke fuel engine, and doesn't work with other type engine (Such as the 2-stroke engine or the diesel engine)
- When installing the meter, please use the attached signal wire to avoid the electromagnetic wave interference caused by the wire.
- For installation, please follow the steps described in manual. Any damage caused by wrong installation shall be imputed to the users.
- To avoid the short circuit, please don't pull the wire when installing. don't break or modify the wire terminal.
- Do not disassemble or change any parts excluding the manual description.
- 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.

▲ 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.

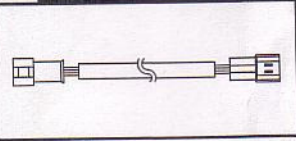


1 Accessory

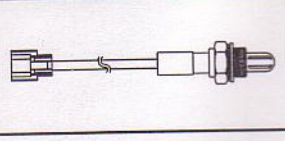
1 LCD meter X 1



2 Signal connect wire X 1



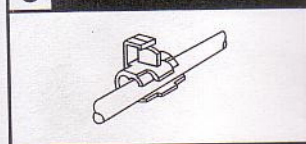
3 Oxygen sensor X 1



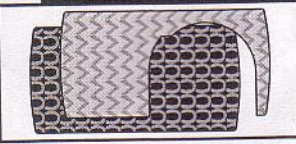
4 Oxygen sensor adapter X 1



5 Connect terminal X 2



6 Velcro X 1 set



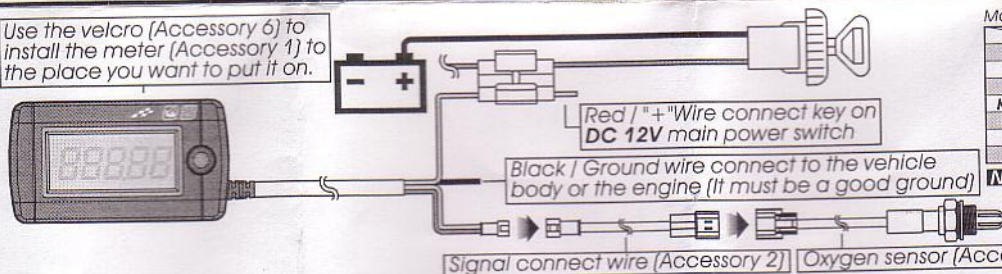
7 Manual



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

2-1 Wiring installation instructions

Use the velcro (Accessory 6) to install the meter (Accessory 1) to the place you want to put it on.



Main switch wiring reference:

	Power	Key on	Ground
YAMAHA	Red	Brown	Black
HONDA	Red	Red / Black	Green
SUZUKI		Black	Green
KAWASAKI	White	Brown	Black / Yellow
KYMCOK	Red	Black	Green
SYM	Red	Black	Green
PGO	Red / White	Orange	Black

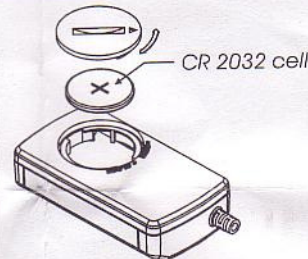
NOTE The color listed above may differ depending on the model.

2-2 Oxygen sensor installation

- Dig a hole (D 18 mm) in the position around 20 cm away the exhaust head.
- Solder the sensor adapter to the muffler.
- Install the oxygen sensor into the adapter.

CAUTION! Please make sure the sensor won't hit the body or engine when installing to avoid the accidents.

2-3 Replacing the cell for this product



3-1 Basic function instruction



On
● Press the button to turn on the meter.



Off
● Hold down the button for 3 seconds to turn off the meter.



Battery power check
● When you turn on the meter, it will check the battery automatically.



Low voltage warning
● If the voltage is lower than 2.7V, the LCD will display L-BAT. Please change the battery when you saw it.



The A/F ratio is too rich
● The display will show -R- if the A/F ratio is lower than 12.1, it means that the A/F ratio is too rich to detect.