



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.

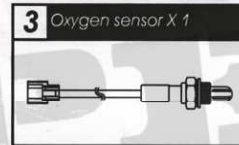
**▲** Some processes must be followed to avoid the affection caused by wrong installation.

**▲ 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.

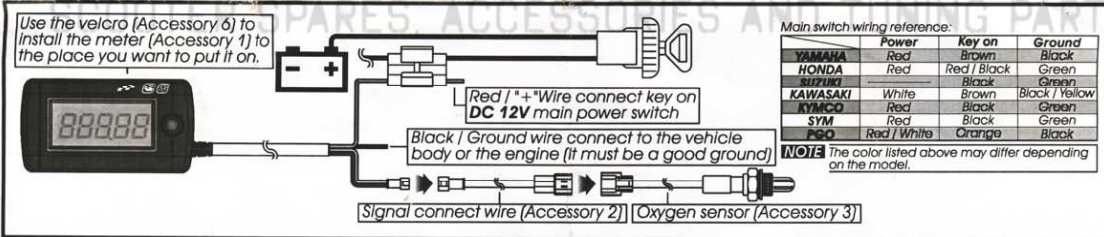


**1 Accessory**

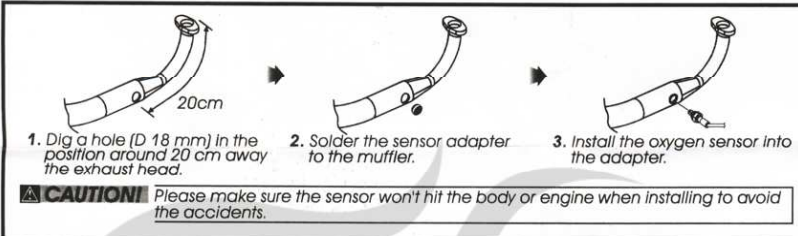


**NOTE** Please contact the local distributor if the items you open are not the same, with the above-listed one.

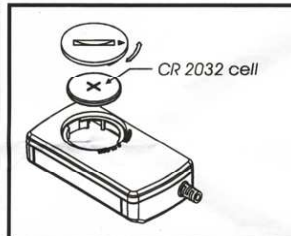
**2-1 Wiring installation instructions**



**2-2 Oxygen sensor installation**



**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.

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**The A/F ratio is too lean**  
● The display will show -L- if the A/F ratio is higher than 16.8, it means that the A/F ratio is too lean.

**3-2 Instruction of function**



- A/F ratio Displayed range: 12.1~16.8, displayed unit : 0.1
- Back light DC 12V
- Battery type (LCD display) CR 2032
- Battery life time Around 2000 hours
- Effective temperature range -10--+60°C
- Water proost JIS D 0203 S2
- Meter size W61.7 X L33.7 X H15.6 mm
- Meter weight Around 30 g

**NOTE** Design and specifications are subject to change without notice!