



Thank you for purchasing **KOSO dual EGT meter**, before operating the unit, please read the instruction thoroughly and retain it for the future reference.

## Notice

1. The EGT 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.

**△ 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.

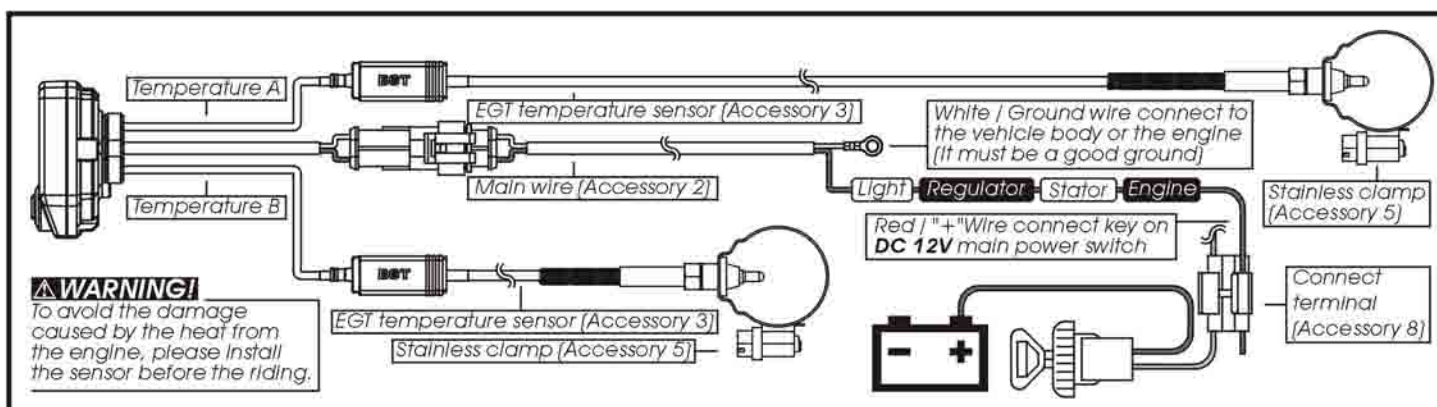


## 1 Accessory

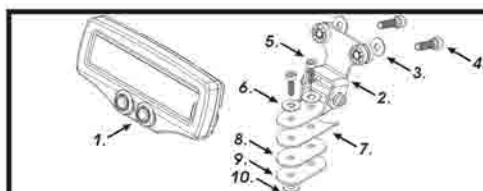
<b>1</b> LCD meter X 1	<b>2</b> Main wire X 1	<b>3</b> EGT temperature sensor (RACE) X 2	<b>4</b> temperature extension wire X 2	<b>5</b> 40~64mm Stainless clamp X 2
<b>6</b> 21~38mm Stainless clamp X 2	<b>7</b> M5 bolt X 2	<b>8</b> Connect terminal X 1	<b>9</b> Meter bracket X 1	<b>10</b> Rubber X 1
<b>11</b> Rubber X 1	<b>12</b> Steel gasket X 1	<b>13</b> M4 X 14L screw X 2	<b>14</b> M5 X 18L screw X 2	<b>15</b> M4 washer X 2 (A) M5 washer X 2 (B)
<b>16</b> M4 X P0.8 nut X 2	<b>17</b> M3 spanner X 1	<b>18</b> M4 spanner X 1		

**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 Installation instructions



When installing, please follow the process.

1. LCD meter (Accessory 1)
2. Meter bracket (Accessory 9)
3. M5 gasket X 2 (Accessory 15-B)
4. M5 X 18L screw X 2 (Accessory 14)
5. M4 X 18L screw X 2 (Accessory 13)
6. M4 gasket X 2 (Accessory 15-A)
7. Rubber (Accessory 10)
8. Rubber (Accessory 11)
9. Steel gasket (Accessory 12)
10. M4 X P0.8 nut X 2 (Accessory 16)

### 3-1 Basic function instruction

#### Select button

- In main screen, press down the **Select** button to switch °C to °F.



#### Over temperature warning

- Setting range: 200~1000°C (392~1832°F).
- Setting unit: 1°C (°F).
- > Regarding the setting, please check 4.



#### No signal!

- Please check the signal wiring situation. If the signal wiring is broken or falling off, the meter will display the wrong data or nothing like the example above.



#### Temperature too high

- --H-- means that the temperature is too high to detect.
- > 1200°C (2100°F)



#### Adjust button

- In main screen, press down the **Adjust** button switch thermometer to top thermometer record.



#### Select button X 3 seconds

- In top thermometer record, press down the **Adjust** button for 3 seconds to reset the record.
- > Regarding the setting, please check 5.



### 3-2 Function, setting instruction



● Temperature A/B	Display range: 100~1200°C (250~2100°F) · Display unit: 1°C (°F)
○ Over temperature warning setting	Setting range: 200~1000°C (392~1832°F) · Setting unit: 1°C (°F)
○ Top temperature record	Display range: 100~1200°C (250~2100°F) · Display unit: 1°C (°F)
○ Display Interval	<0.5 second
● Effective voltage	DC 12V
● Effective temperature range	-10~+60°C
● Meter standard	JIS D 0203
● Meter size	W124 X L58.5 X H22 mm
● Meter weight	Around 170 g

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

### 4 Over temperature warning setting



In main screen, press down the **Select & Adjust** button for 3 seconds to enter the over temperature warning setting screen.



Press the **Select** button to move to the unit you want to set.



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



Press the **Select** button 3 times to enter the temperature B warning setting screen.



Press the **Select** button to move to the unit you want to set.



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



Press the **Select** button 3 times to back to the main screen.



In main screen.



When the temperature reaches your setting, the back light will change from blue to red and keep flashing to warn you until the temperature is lower than your setting.



**NOTE** Over temperature warning Setting range: 200~1000°C (392~1832°F) · Setting unit: 1°C (°F)

▲ If your setting is over or lower than the settable range, it will back to the first unit.

### 5 The top temperature record reset



In main screen, press the **Adjust** button to display the top record.



Press down the **Adjust** button for 3 seconds to reset the record.



After it, press the **Adjust** button to back to the main screen.



In main screen.