



THANK YOU FOR PURCHASING KOSO DB-02 SPEEDOMETER, BEFORE OPERATING THE UNIT, PLEASE READ THE INSTRUCTION THOROUGHLY AND RETAIN IT FOR THE FUTURE REFERENCE.

### Notice

- The meter function is powered by the inner battery, but the back light is powered by the outside power input.
- For installation, please follow the steps described in manual. Any damage caused by wrong installation shall be imputed to the users.
- Don't break or modify the wire terminal. To avoid the short circuit, please don't pull the wire when installing.
- Do not disassemble or change any parts excluding the manual description.
- The interior examination or maintenance should be executed by our professionals.

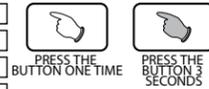
MARK MEANING:

**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.



### 1-1 Accessory

<b>1</b> LCD meter X 1	<b>2</b> Power wire X 1	<b>3</b> RPM WIRE SET (A TYPE) X 1	<b>4</b> RPM WIRE SET (C TYPE) X 1
<b>5</b> Temp sensor wire set X 2	<b>6</b> PT 1/8 water temp sensor X 2	<b>7</b> Reed switch speed sensor X 1	<b>8</b> D6 X 5L mm magnet X 1
<b>9</b> Mid-way connect X 2	<b>10</b> M8/ S type speed sensor bracket X 1	<b>11</b> M10/ S type speed sensor bracket X 1	<b>12</b> M5X5L Hexagon socket screw X 2
<b>13</b> Battery X 1	<b>14</b> 2.5 mm spanner X 1	<b>15</b> 4 mm spanner X 1	<b>16</b> Meter bracket X 1
<b>17</b> M5 washer X 2	<b>18</b> M5 X 15L screw X 2		

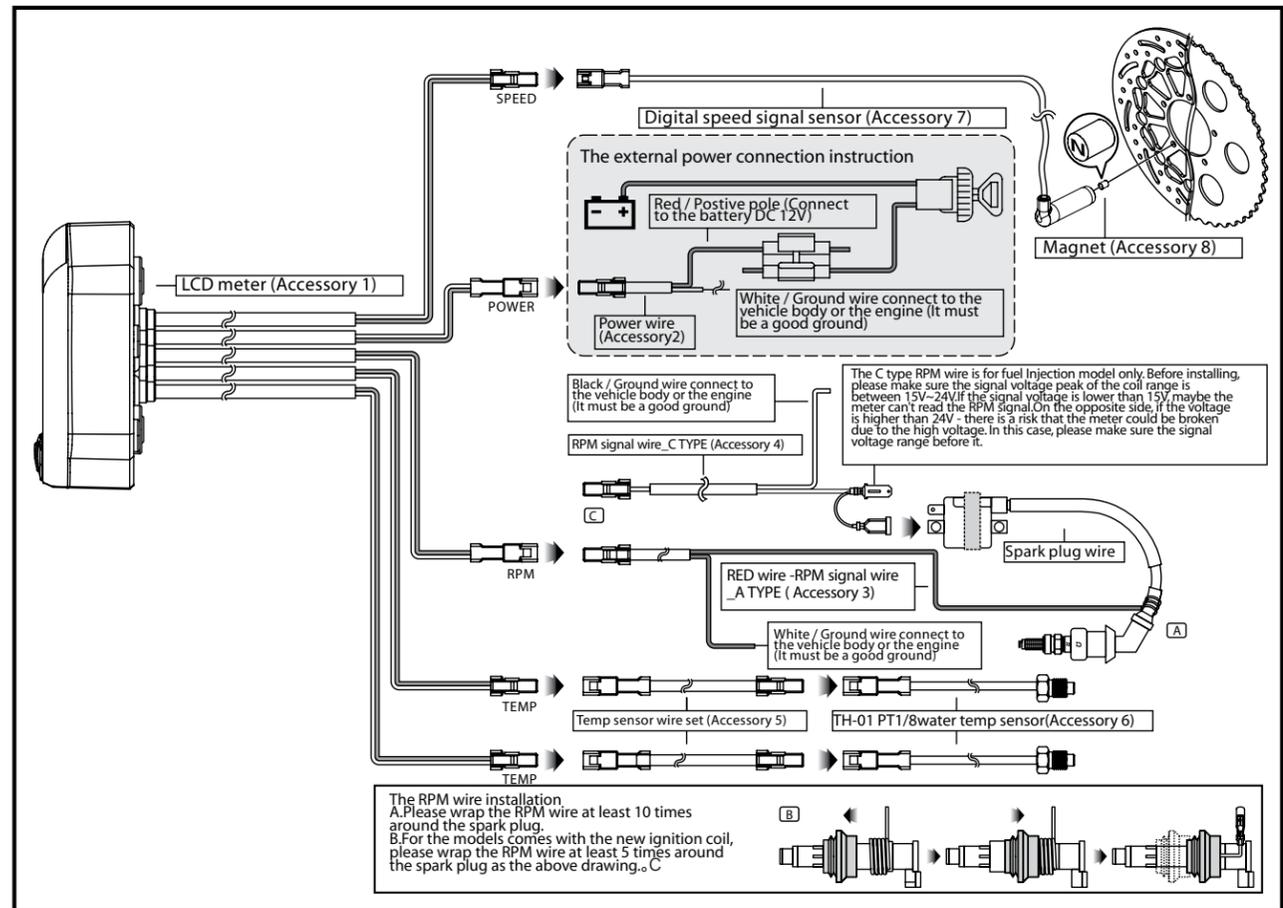
**NOTE** Please contact the local distributor if the items you open are not the same, with the above-listed one.

### 1-2 Option accessory

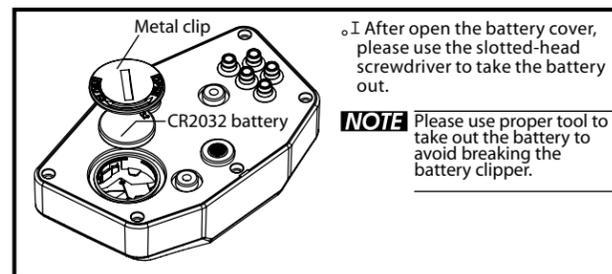
<b>1</b> Disc magnet screw	<b>2</b> Oil temp sensor adapter	<b>3</b> Water temp sensor adapter	<b>4</b> Temp sensor
<b>5</b> L TYPE speed sensor bracket	<b>6</b> Temp sensor wire set (2 M)		

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

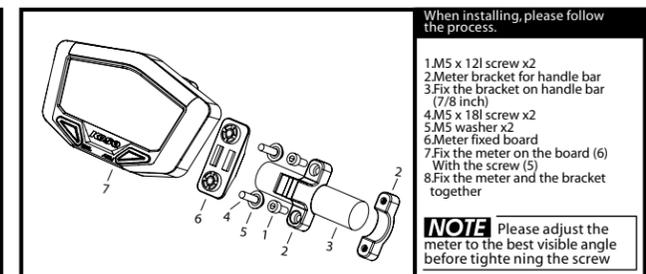
### 2-1 Wiring installation instructions



### 2-2 Battery change



### 2-3 INSTALLATION INSTRUCTIONS.



### 3 Display instruction

<p>The temperature alarm A/B</p> <ul style="list-style-type: none"> <li>Setting range: G60~250°C (140~482°F)</li> <li>Setting unit: G1°C (°F)</li> </ul> <p>Speeding warning light</p> <ul style="list-style-type: none"> <li>Setting range: G30~360 km/h (19~225MPH)</li> <li>Setting unit: G1 km/h (MPH), C</li> </ul>	<p>The tachometer bar range</p> <ul style="list-style-type: none"> <li>Display range: G10,000, B15,000</li> <li>Display unit: G0, C</li> </ul>	<p>Batter situation</p> <ul style="list-style-type: none"> <li>When the battery is full, it will show the battery in 4 segments.</li> <li>When the external power is connect, the battery symbol will disappear.</li> </ul>	<p>3 stages RPM shift light</p> <ul style="list-style-type: none"> <li>Setting range: G5,000~20,000 RPM</li> <li>Setting unit: G100 RPM</li> </ul>
<p>The temperature alarm A/B</p> <ul style="list-style-type: none"> <li>Setting range: G60~250°C (140~482°F)</li> <li>Setting unit: G1°C (°F)</li> </ul>	<p>The digital tachometer</p> <ul style="list-style-type: none"> <li>Display range: G0~360 km/h (0~225 MPH)</li> <li>Display unit: G1 km/h (MPH), C</li> </ul>	<p>Bar graph tachometer</p> <ul style="list-style-type: none"> <li>Display range: G0~20,000 RPM</li> <li>Display unit: G10 RPM, C</li> </ul>	<p>Odometer</p> <ul style="list-style-type: none"> <li>Display range: 0~99999 km (mile)</li> <li>reset automatically after 99999 km (mile)</li> <li>Display unit: 0.1 km (mile)</li> </ul>
<p>Auto sleep function</p> <ul style="list-style-type: none"> <li>When the meter works with the inner battery, it will enter the auto sleep function when the meter idles over 20 seconds</li> </ul>	<p>Bar graph tachometer</p> <ul style="list-style-type: none"> <li>Display range: G0~20,000 RPM</li> <li>Display unit: G10 RPM, C</li> </ul>	<p>Trip A, B</p> <ul style="list-style-type: none"> <li>Display range: 0~999.9 km (mile)</li> <li>reset automatically after 0~999.9 km (mile)</li> <li>Display unit: 0.1 km (mile)</li> </ul>	<p>The digital tachometer</p> <ul style="list-style-type: none"> <li>Display range: G0~360 km/h (0~225 MPH)</li> <li>Display unit: G1 km/h (MPH), C</li> </ul>
<p>The temperature alarm A/B</p> <ul style="list-style-type: none"> <li>Setting range: G60~250°C (140~482°F)</li> <li>Setting unit: G1°C (°F)</li> </ul>	<p>CLOCK</p> <ul style="list-style-type: none"> <li>Time: G24H</li> <li>When the meter is off, it will show the seconds.</li> </ul>	<p>Volt meter, ] the external power. ^</p> <ul style="list-style-type: none"> <li>Display range: G0.0~18.0V</li> <li>Display unit: G0.1V</li> <li>When the external power is connected, it will show the voltage value directly. It will show 0.0V when the external power is disconnected.</li> </ul>	<p>Bar graph tachometer</p> <ul style="list-style-type: none"> <li>Display range: G0~20,000 RPM</li> <li>Display unit: G10 RPM, C</li> </ul>