

## ELECTRICAL GAUGES W/WARNING & PEAK

HALO PREMIUM SERIES WHITE / BLUE / AMBER LED DISPLAY

### Fuel Press Gauge

#### OPENING CEREMONY

<p><b>1</b></p> <p><b>BACK VIEW</b></p> <p>POWER WIRE HARNESS</p> <p>CONTROL BOX</p> <p>DAISY CHAIN</p> <p>POWER WIRE HARNESS (EITHER SIDE IS OK)</p> <p>RED - BATTERY (+) BLACK - ENGINE GROUND. WHITE - IGNITION SWITCH 12V+ ORANGE - DIMMER / +12V TO DIMMER CONNECT TO HEADLIGHT TO ACTIVATE.</p>	<p><b>2</b></p> <p>VISOR</p> <p>BUFFER</p> <p>METER</p> <p>METER CUP &amp; HOLDER</p>	<p><b>3</b></p> <p>Double-Sided-Type</p> <p>Control Box</p> <p>Cord</p> <p>Control Box Wire Harness</p>	<p><b>4</b></p> <p>RED BLACK WHITE</p> <p>1/8 NPT THREAD</p> <p><b>PRESS SENSOR</b></p>
<p><b>5</b></p> <p>Fuel pressure regulator</p> <p>Wind teflon tape</p> <p>Hose union (commercially available)</p> <p>Three-way joint (commercially available)</p> <p>Fix tightly with clamps. (commercially available)</p> <p>Fuel return pipe (low pressure)</p> <p>Fuel feed pipe (high pressure)</p> <p>sensor</p> <p>To sensor wire</p> <p>Be sure not to twist</p> <p>*Cut the fuel feed pipe and install hose unions.</p>	<p><b>6</b></p> <p>CONNECTOR FOR SENSOR WIRE</p> <p>SENSOR WIRE</p> <p>BLACK CONNECTOR</p> <p>BLACK RED WHITE</p> <p><b>FUEL PRESS SENSOR</b></p>	<p><b>7</b></p> <p>PEAK LED Blue</p> <p>PEAK Button</p> <p>PEAK LED BLUE</p> <p>WARNING LED RED</p> <p>SET Button</p> <p>Warning LED Red</p>	<p><b>8</b></p> <p><b>Complete Set</b></p>

### Exhaust Gas Temperature Gauge

#### OPENING CEREMONY

<p><b>1</b></p> <p><b>BACK VIEW</b></p> <p>POWER WIRE HARNESS</p> <p>CONTROL BOX</p> <p>DAISY CHAIN</p> <p>POWER WIRE HARNESS (EITHER SIDE IS OK)</p> <p>RED - BATTERY (+) BLACK - ENGINE GROUND. WHITE - IGNITION SWITCH 12V+ ORANGE - DIMMER / +12V TO DIMMER CONNECT TO HEADLIGHT TO ACTIVATE.</p>	<p><b>2</b></p> <p>VISOR</p> <p>BUFFER</p> <p>METER</p> <p>METER CUP &amp; HOLDER</p>	<p><b>3</b></p> <p>Double-Sided-Type</p> <p>Control Box</p> <p>Cord</p> <p>Control Box Wire Harness</p>	<p><b>4</b></p> <p><b>EXHAUST GAS TEMP SENSOR</b></p> <p>Exhaust pipe</p> <p>1/8 PT Thread</p> <p>MB x P1.25 Thread</p> <p>Buffing Nut</p> <p>PINK - CONNECT TO SENSOR WIRE WHITE WIRE BLUE - CONNECT TO SENSOR WIRE BLACK WIRE</p>
<p><b>5</b></p> <p>Exhaust Manifold</p> <p>Drill a hole On either position And installing the 1/8PT thread jointer</p>	<p><b>6</b></p> <p>CONNECTOR FOR SENSOR WIRE</p> <p>SENSOR WIRE</p> <p>YELLOW CONNECTOR</p> <p>BLACK WHITE</p> <p><b>EXHAUST GAS TEMP SENSOR</b></p>	<p><b>7</b></p> <p>PEAK LED Blue</p> <p>PEAK Button</p> <p>PEAK LED BLUE</p> <p>WARNING LED RED</p> <p>SET Button</p> <p>Warning LED Red</p>	<p><b>8</b></p> <p><b>Complete Set</b></p>

## CONTROL BOX OPERATION INSTRUCTIONS

There are five setting modes in this gauge, **Backlight color Mode**, **Peak Mode**, **Warning Mode**, **Backlight Brightness Mode**, and **Sound Mode**. In any time when the gauge is in the normal mode, the Backlight color Mode can be operated by pressing <SET>. Press <PEAK> to enter into the Peak Mode.

### 1. Backlight color Mode:

- 1) There are three different color LED backlight display in one gauge: White, Blue and Amber Red.
- 2) Press <SET> to select a backlight color in sequence.

### 2. Peak Mode:

- 1) Press <PEAK> to enter into the Peak Mode.
- 2) After 5-second of no button activity or press <PEAK>, the gauge will return to the normal mode.
- 3) When the peak value is displayed, press <SET> to clear the previous peak value.

### 3. Warning Mode:

- 1) Hold <SET> for 3-second to enter to the warning mode.
- 2) When the needle light is flashing, press <PEAK> to move the needle clockwise while press <SET> to move the needle counter-clockwise.
- 3) After 5-second of no button activity, the gauge will return to the normal mode.

### 4. Backlight Brightness Mode

There are six-stage for each daytime and nighttime backlight brightness available for users to select the preferred brightness.

- 1) Hold <PEAK> for 3-second to enter to the backlight brightness mode. When the outer red ring light is flashing, the daytime brightness can be selected.
- 2) Press either <PEAK> or <SET> to select the backlight brightness.
- 3) In order to set the nighttime backlight brightness, the orange wire of the power wire harness should be connected to Dimmer/ 12V switched source (+).
- 4) When Dimmer/ 12V switched source (+) is on, the nighttime brightness can be selected.
- 5) The gauge will return to the normal mode after 5-second of no button activity.

### 5. Sound Mode:

- 1) Hold <PEAK> and <SET> together for 3-second to enter to the sound mode.
- 2) When the needle and outer angel ring lights are flashing simultaneously, press <PEAK> to switch the warning sound, while press <SET> to switch the key sound.
- 3) When the sound is enabled, you will hear two beep, versa vise, when it is disabled, you will hear one beep sound.
- 4) The gauge will return to the normal mode after 5-second of no button activity.