

# INSTALLATION INSTRUCTIONS

## 85mm EVO TACHOMETER With Warning & Peak Recall

### WHITE / AMBER RED / BLUE / GREEN LED Display

---

#### 1 BEFORE YOU START

1. Read instructions completely before installation.
2. Install tachometer only when engine is cool and ignition is off.
3. Make sure all necessary tools, materials and parts are on hand.
4. Refer to your vehicle's service manual for the location of tachometer sensor port, vacuum system, and/or charging system.
5. Disconnect negative (-) battery cable before installing tachometer.

NOTE: It may be necessary to reprogram your radio, clock, etc. after reconnecting the battery.

6. Make sure mounting location does not impair visibility or interfere with driving. Also check behind the mounting location for any wiring or components before drilling.
7. When connecting electrical wires, install crimp terminals and make wire splices as needed. ALWAYS insulate wire splices with electrical tape to prevent shorting.
8. Follow all necessary safety procedures for protection.

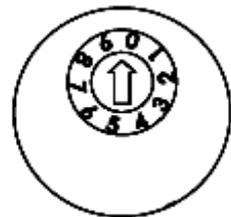
#### 2 ENGINE CYLINDER SELECTION

The tachometer is designed for use with 1.2.3.4.5.6.7.8.9. Cylinder engines only.

The cylinder select switch on the rear of the tachometer must be set prior to installation.

Use your finger of a small screwdriver to slide the cylinder select switch.

To the appropriate position: 1.2.3.4.5.6.7.8.or 9.

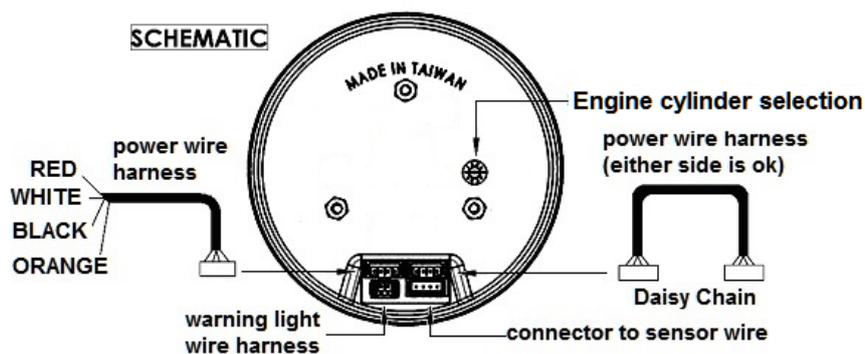


#### 3 MOUNTING

You can mount your tachometer on or under the dashboard or on the center console according to your personal choice. Determine best position for good visibility before drilling screw holes.

#### 4 TACHOMETER CONNECTION

1. Connect power wire (RED) to +12V constant wire.
2. Connect power wire (WHITE) to a switched +12V circuit at fuse box, or splice into any vehicle harness wire which is powered ONLY when ignition key is in (RUN) position.
3. Connect power wire (BLACK) to ground, negative (-) battery terminal or a good chassis ground.
4. Connect power wire (ORANGE) to panel lights circuit at fuse box, or splice into any vehicle harness wire connected to the panel lights circuit.
5. Secure wires along their route to prevent damage from sharp edges, moving parts or hot engine components.
6. Turn on ignition. DO NOT START ENGINE tachometer LCD should be to minimum or "0" when ignition is turned on.
7. Start and run engine. REV engine several times and verify tachometer indication changes as rpm increases and decreases. Make sure tachometer LCD operation is smooth and even.



# INSTALLATION INSTRUCTIONS

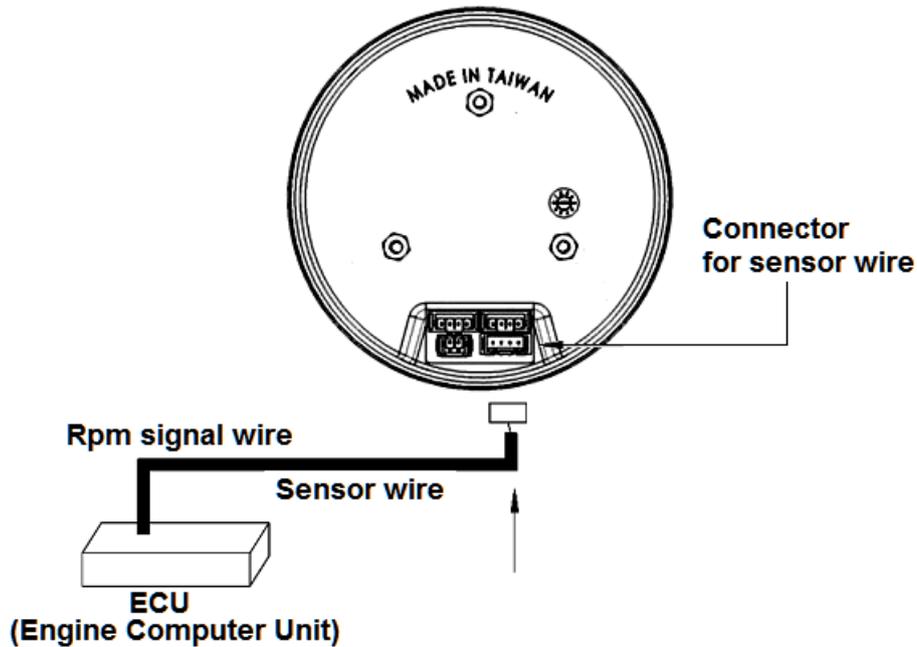
## 85mm EVO TACHOMETER w/WARNING & PEAK

### WHITE/AMBER RED/BLUE/GREEN LED DISPLAY

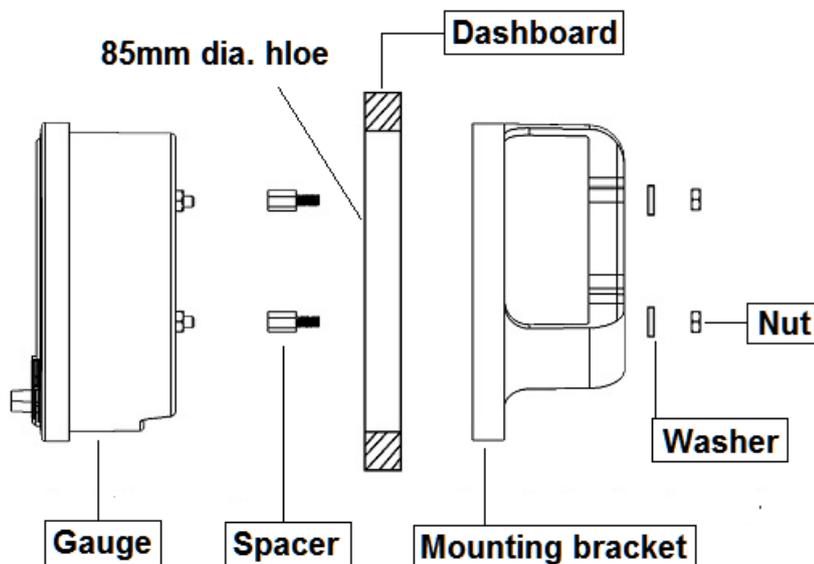
---



Tachometer signal wire connections vary with vehicle make, model, and ignition type. Typical tachometer signal source locations are shown in the accompanying illustrations. Always consult the service manual for the vehicle you working on to ensure proper connection.



## TACHOMETER ASSEMBLY



## 85mm EVO SERIES 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 < ▲ > or < ▼ >. Press < M > to enter into the Peak Mode.

### 1. Backlight color Mode:

- 1) There are four different color LED backlight display in one gauge: White, Red, Green and Blue.
- 2) Press < ▲ > or < ▼ > to select a backlight color in sequence.

### 2. Peak Mode:

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

### 3. Warning Mode:

- 1) Hold < M > for 3-second to enter to the warning mode.
- 2) When the WR LED is flashing, press < ▲ > or < ▼ > to adjust the warning value.
- 3) Press < M > or 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 < ▲ > for 3-second to enter to the backlight brightness mode. When the PK and WR LED are flashing, the daytime brightness can be selected.
- 2) Press either < ▲ > or < ▼ > 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) Press < M > or after 5-second of no button activity, the gauge will return to the normal mode.

### 5. Sound Mode:

- 1) Hold < ▼ > for 3-second to switch the sound.
- 2) When the sound is enabled, you will hear two beep, vice versa, when it is disabled, you will hear one beep sound.