

INSTALLATION INSTRUCTIONS

85mm EVO SPEEDOMETER w/WARNING & PEAK

WHITE/AMBER /BLUE / GREEN LED DISPLAY

1 BEFORE YOU START

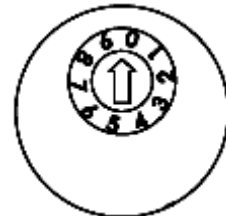
1. Read instructions completely before installation.
2. Install speedometer only when engine is cool and ignition is off.
3. Make sure all necessary tools, materials, and parts are on hand.
4. Refer to your vehicle's service manual for the location of speedometer sensor port, vacuum system, and/or charging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

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

6. Make sure mounting location does not impair visibility of interfere with driving. Also check behind the mounting location for any wiring or components before drilling.
7. When connecting electrical wire, 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 SPEED RANGE SWITCH SELECTION

1. Use the switches <1.2.3.4.5.6.7.8.9.0> to adjust the **SPEED** into an approximate range.
2. Switch toward <0.9.8.7.6.5.4.3.2.1.> to narrow the range.
Switch toward <1.2.3.4.5.6.7.8.9.0.> to widen the range.

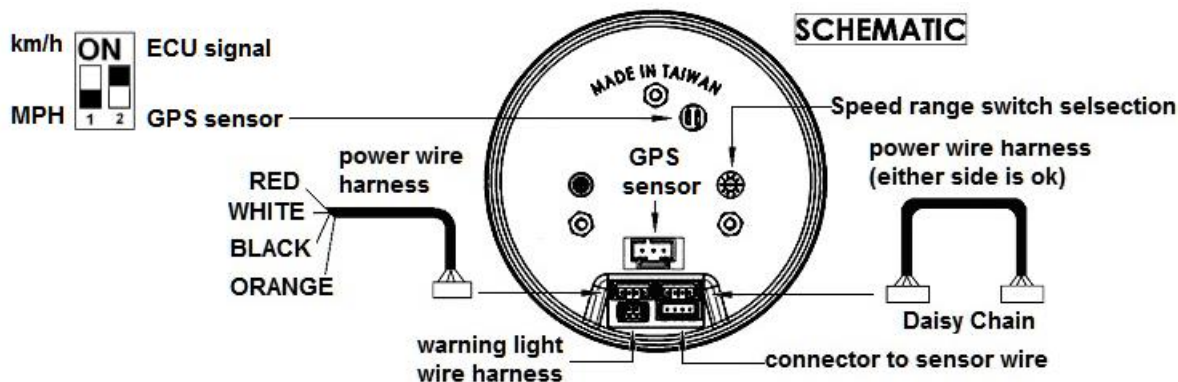


3 MOUNTING

You can mount your speedometer 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 SPEEDOMETER CONNECTION

1. Connect power wire (RED) to +12V battery wire.
2. Connect power wire (WHITE) to a switched +12V circuit at fuse box, or splice into any vehicle harness wire which is energized ONLY when ignition key is ON (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 lead wires along their route to prevent damage from sharp edges, moving parts or hot engine components.
6. Turn on ignition. DO NOT START ENGINE speedometer Lcd display should be to minimum or "0" when ignition is turned on.
7. **GPS Sensor:** First time initialization will display solid " - - - " We recommend allowing **20 to 30 minutes** during the first power-up for the GPS sensor to acquire and store its location. Both dip switches should be down for MPH & GPS.

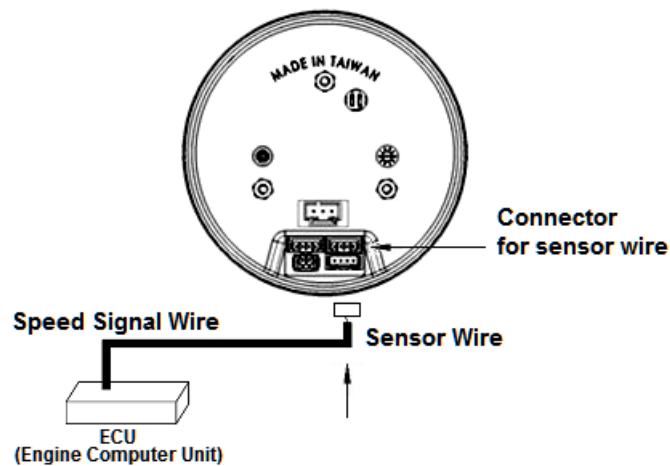


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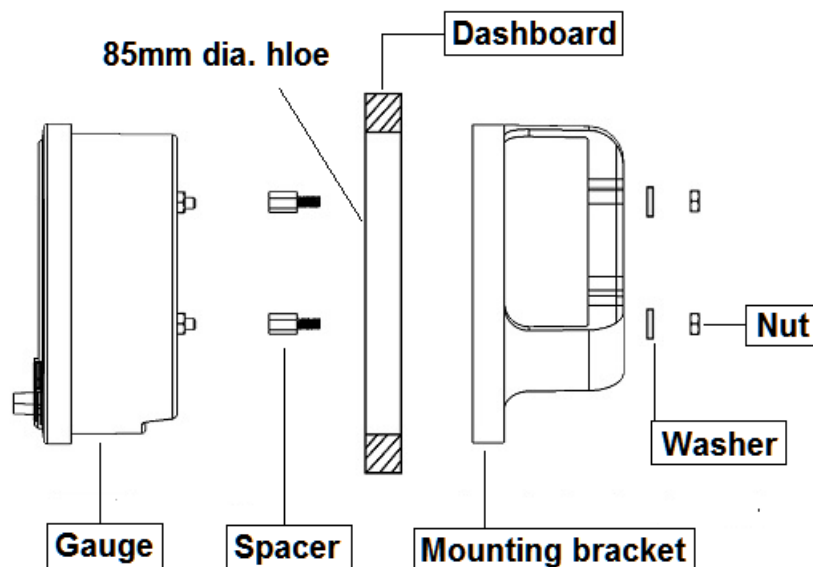
85mm EVO SPEEDOMETER w/WARNING & PEAK

WHITE/AMBER RED/BLUE/GREEN LED DISPLAY

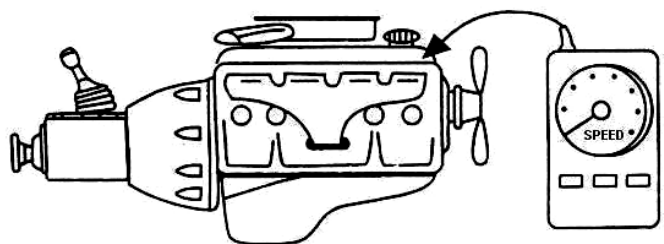
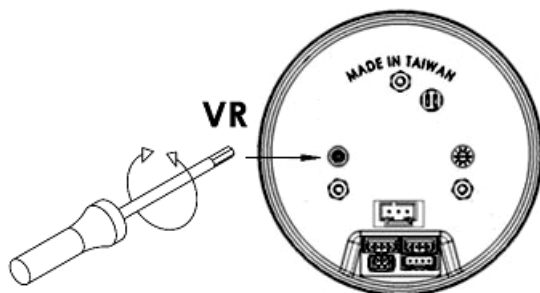
- 5 IMPROTANT:** Speedometer signal wire connect to the corresponding speed signal in the ECU signal diagram.
- Always consult the service manual for the vehicle you working on to ensure proper connection.



6 SPEEDOMETER ASSEMBLY



7 SPEED CALIBRATION



Use the VR roll, which is enclosed in our accessory pack, to adjust to the accurate SPEED.

It is recommended to connect with a SPEED standard gauge in order to adjust the SPEED.