

# INSTRUCTIONS

910-65041



## 2 1/16" Water Temperature Gauge Installation Instructions

### General:

If needed connect back light red wires to the ignition switch so they will be off when you shut the motor off. The gauge must be grounded, this normally happens automatically when you install it in a metal panel. If not run a grounded wire to a gauge mounting stud.

If there is excessive motor vibration it may be necessary to install some type of vibration damper between the panel and the mount.

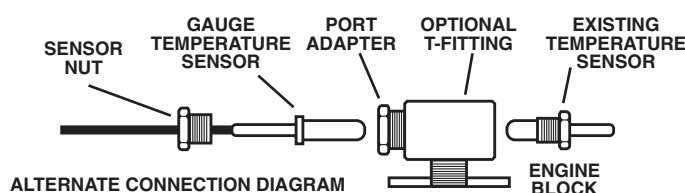
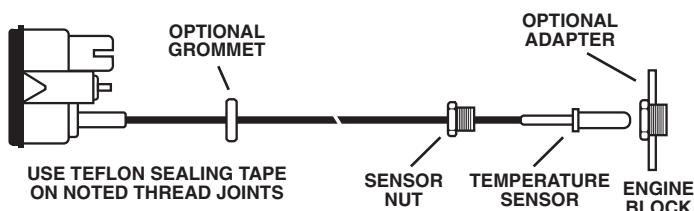
### Temperature Gauges:

Install the gauge in the panel. Tighten the self-locking nuts just enough so that the gauge won't turn by hand, Don't over tighten.

Route the spiral line to stay away from headers or any moving linkage, Coil up any extra line behind the dash.

This line has a small copper tube inside. Don't kink, twist or bend it sharply or it may break.

Install the fitting in the intake manifold and the line into the fitting. Again, please don't overtighten (will fit most other brands on manifold fittings). Check for leaks after starting motor. 3/8" and 1/4" NPT fittings are available if needed.



### WATER TEMPERATURE GAUGE

1. Determine routing for temperature sensor. Use an existing firewall grommet, or drill a 7/8" (22mm) hole through firewall to accommodate sensor line and sensor. Install a rubber grommet (purchased separately) in hole. Or wrap with electrical tape, to protect sensor line from chaffing or other damage.

**NOTE: The sensor line is under pressure and filled with ether. NEVER CUT THE LINE.**

2. Route temperature sensor through grommet in firewall.  
**NOTE: Use Teflon sealing tape (purchased separately) on noted thread joints to ensure proper sealing.**
3. Remove existing temperature sensor. Install adapter in sensor hole and tighten securely. Insert temperature in adapter and tighten sensor nut securely. **DO NOT ROTATE SENSOR WHILE TIGHTENING NUT OR SENSOR LINE MAY BE DAMAGED.**

**WARNING: Some vehicles use the original temperature sensor for functions in addition to the warning light. In these cases, both the gauge sensor and the original sensor must be connected using a tee fitting (purchased separately). See alternate connection diagram.**

4. Secure sensor line along its route to prevent damage from sharp edges, moving parts, or hot engine components.
5. Reconnect negative (-) battery cable. Start and run engine and check gauge installation for leaks. Tighten or reseal joints as needed and retest.

### Troubleshooting:

#### Water Temperature gauge does not read:

Gauge line to motor may have been damaged by kinking or bending on too tight a radius (smell of ether present). Please be careful not to damage gauge line during installation; it cannot be repaired.

#### Gauge back lights or warning lights do not work:

Panel is not grounded. Run wire from gauge.

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