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Mechanical Temperature Gauge Installation Instructions

Preparation for Installation

Caution: Disconnect the positive lead(s) from the battery before making any electrical connections.

Caution: Do not drill any holes in panel without first checking for adequate mounting clearance.

Caution: Do not tighten any mounting or connection hardware over 6 in/lbs., damage to the gauge case or interior circuitry may result.

1. Select a mounting location for the gauge that provides for easy readability from the operating position.
2. Cut a 2-1/8" diameter hole through the panel in the desired location.
3. Insert the gauge into the mounting hole, place the mounting clamp over the mounting studs and check for fit. For panels over 1/2" thick, it may be necessary to cut the legs of the clamp.

Installation of Gauge

4. After checking the fit of the gauge and clamp, insert gauge into the panel and install the clamp over the mounting studs. Tighten the clamp onto the studs using the supplied nuts and washers. Tighten the nuts to 6 in/lbs.

Wiring Connections

5. Run a lead from one side of lamp terminal of the gauge to electrical system ground.
6. Run a lead from the other side of the lamp terminal to the panel light switch.

Installation of Sensor

7. Route tubing and sensor through panel to engine area. If tubing is too long coil the excess. Secure tubing away from hot or moving engine parts.
8. Locate position for sensor on the engine or transmission (consult engine or transmission manual).
9. Remove and discard plug or old sensor.
10. Thread sensor into the port. Sensor is equipped with a 1/4" NPT thread. A 1/2" NPT adapter is also provided. Tighten securely to prevent leakage (Teflon tape or "pipe dope" may be used to prevent leaks).
11. Re-connect battery.

