

CONNECTION OF WIRING IF LIGHTING IS USED

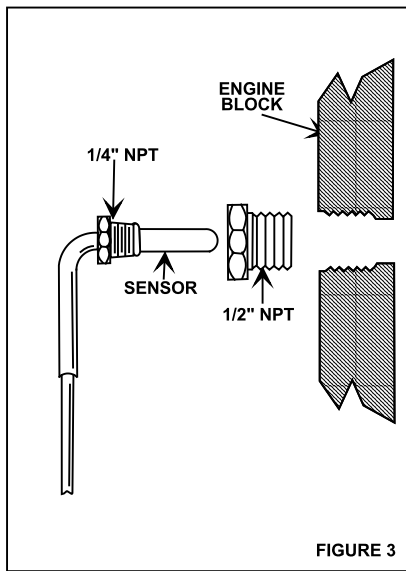
- Using either Black or White wire (to form with previous wiring), run a lead from one mounting stud to Electrical System Ground.
- Using another color wire, run a lead from the light wire to the panel light switch.

CAUTION

BEFORE RECONNECTING BATTERY, RE-CHECK WIRING TO ENSURE ALL CONNECTIONS ARE PROPERLY MADE. INCORRECT CONNECTIONS OR ELECTRICAL SHORT COULD CAUSE DAMAGE TO SYSTEM OR POSSIBLE FIRE.

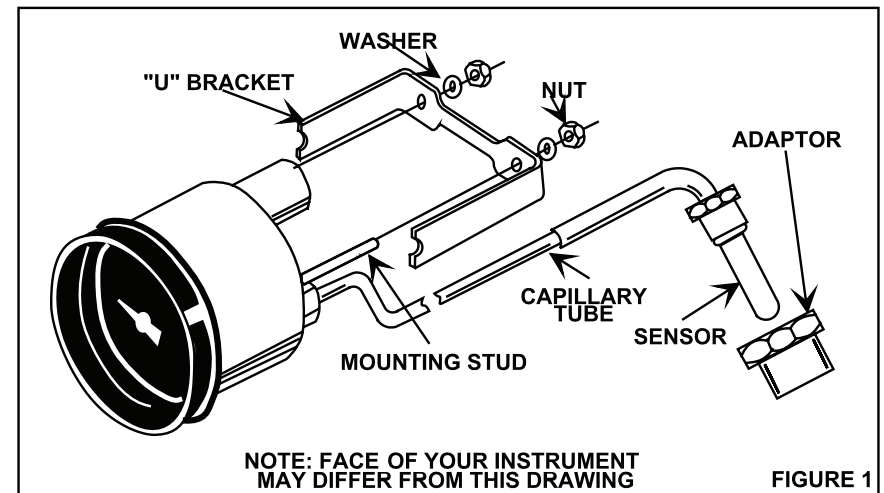
INSTALLATION OF SENSOR

- Route tubing and sensor tubing **carefully** through panel to engine area. If tubing is too long, **carefully** coil any excess. Secure tubing away from hot or moving engine parts.
- Locate position for temperature sensor on engine (consult engine manual).
- Remove and discard plug or old sensor (Figure 3). Sender is equipped with a 1/4" NPT thread.
- Thread sensor unit into Engine. Tighten securely to prevent leakage (pipe tape or sealant may be applied to threads if leakage occurs).



- If necessary, first thread 1/2" NPT adapter into Engine, and then thread sensor unit into adapter. Tighten securely to prevent leakage (pipe tape or sealant may be applied to threads if leakage occurs),

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FOLLOWING ARE INSTRUCTIONS FOR INSTALLING A MECHANICAL TEMPERATURE GAUGE MANUFACTURED BY VEETHREE ELECTRONICS.

Additional Supplied Required:

- No. 16 stranded insulated wire
- Pipe tape or sealant
- Light kt

CAUTION

READ THESE INSTRUCTIONS THOROUGHLY BEFORE PROCEEDING WITH INSTALLATION. **DO NOT DEVIATE FROM WIRING INSTRUCTIONS. INCORRECT WIRING COULD CAUSE ELECTRICAL SHORT AND POSSIBLE FIRE. ALWAYS DISCONNECT POSITIVE LEAD FROM BATTERY BEFORE MAKING ANY ELECTRICAL CONNECTIONS. DO NOT KINK SENSOR UNIT TUBE (CAPILLARY TUBE) AT ANY TIME, OR ATTEMPT TO CUT AND SPLICE THE TUBE. ANY EXCESS LENGTH CAN BE COILED UP.**

PREPARATION FOR INSTALLATION

- Select a mounting location for the gauge which provides easy readability from the operator's position. Check behind the mounting location for installation clearance.
- Cut a 2-1/8" (54 mm) diameter hole through the panel at location selected.

- Insert sensor tubing and gauge into mounting hole and check fit.
- Open hardware package. Fit "U"-shaped bracket over mounting studs on back of gauge (See Figure 1). Bracket is made to install gauges in panels up to 1/2" (13 mm) thick. If necessary, legs of bracket may be cut down to accommodate thicker panels.

INSTALLATION OF GAUGE

- After checking fit of gauge and "U"-shaped bracket, insert gauge into panel and install bracket over mounting studs. Install a nut and dasher onto each stud as shown in Figure 1.
- Tighten nuts until gauge can no longer be rotated by hand. **CAUTION: OVER-TORQUING OF NUT MAY CRACK GAUGE HOUSING OR MOUNTING PANEL.**