

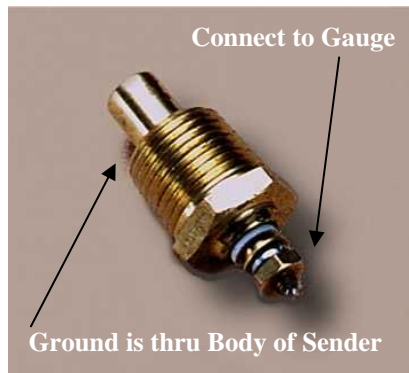


Temperature Sending Units Installation Instructions

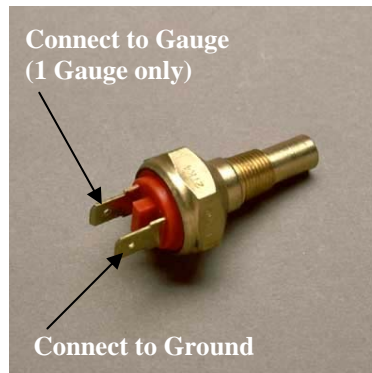
- 1.) Find a location where temperature can be measured such as the existing sending unit, temperature switch, or pipe fitting normally located on the front of the intake manifold, or on the side of the cylinder head. Use a sending unit with the same thread as the manifold thread, or cylinder head. Ensure temperature resistance curve is the same as the gauge it will be used with.
- 2.) Replace the old sending unit, switch or pipe plug with the new sending unit. Use adapter bushings, if required. **Important:** Many Emission Control Devices are connected to temperature senders or switches so be careful not to disable these when installing new units.
- 3.) Use 18 AWG wire (not included) to connect the sending unit to the gauge. All temperature sending units must have the bulb end completely submersed (5/8" typical) to insure an accurate gauge reading. Tighten Hex Nut 9lb-in [1Nm].

Typical Temperature Sending Unit Wiring

**Standard Terminal Stud
Figure 1**



**Isolated Ground (-03)
Figure 2**



Thread the sending unit into adapter bushing, finger tight. Next, tighten Hex with a wrench approximately one half turn. If leakage occurs at the sender, tighten one quarter turn at a time until leakage stops. **Do not use teflon tape.**

Important: Do not use the terminal stud to tighten the sender body! Use only the hex and the correct wrench. **Do not over tighten!**

