

Little Angel © Probe/Gauge

The “Little Angel”© VO probe and gauge component is designed to install anywhere in the VO line to determine how hot the VO is at that point in the system. While not of “laboratory quality” in accuracy it is surprisingly accurate and useful in VO conversions for determining if VO is achieving the desired temperature.

And it is amazingly inexpensive and simple to assemble and install requiring parts that are readily available nearly anywhere.

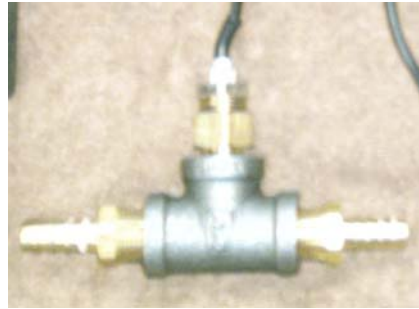
These parts are:

1. A standard automotive coolant (water temp) gauge and probe.
2. A black iron 3/8" Tee
3. Two 3/8" NPT barbed hose fittings to fit your fuel line id.
4. A short length of foam pipe insulation.
5. Two hose clamps.
6. Thread seal compound or Teflon tape.

Here is an “exploded” view of the “Little Angel”©



The Two 3/8" NPT barbed hose fittings are screwed into the black iron 3/8" Tee after applying pipe sealing compound or Teflon tape to the fittings threads to assure a tight, leak free seal. Then the standard automotive coolant (water temp) probe is similarly installed in the Tee. You will first want to install the gauge so you can run the probe lead to where you intend to install the "Little Angel"©.



The probe will nearly touch the far interior wall of the Tee. Be careful when tightening it in place that you do not over tighten it. It only needs to be liquid tight.



Now you can make an insulating jacket for the "Little Angel"© from a short length of 3/4" foam insulation.



Now install the "Little Angel"© by cutting your VO fuel line where you wish to measure temperature and inserting the hose barb fittings. Then secure them with the proper size hose clamps.