IN- LINE FAN THERMOSTAT SWITCH INSTRUCTION

**Note:** The in-line thermostat switch is designed to thermostatically control the electric fan on a remote mounted transmission or engine oil cooler. If using the switch on a non-Derale electric fan, check the amperage draw of the fan. If the fan draws over 10 amps a relay should be used.

**WIRING**
1. The temperature switch has two wire leads, attach one (it doesn't matter which) to a switched ignition 12 volt source. The other attaches to the positive lead on fan motor.
2. Connect other fan motor lead to a good chassis ground.

**ON-INLET INSTALLATION**
The best way to mount the switch is directly on the inlet of the cooler core. The switch has AN threads that fits on most Derale oil cooler cores. If the cooler you are using does not have AN Inlets, see the in-line installation below.
1. Install aluminum in-line thermostat fitting on inlet port of cooler core. **Warning:** Always use two wrenches, one to tighten the adapter and one to hold on the cooler inlet. Failure to do this could damage the cooler core. No thread sealant is required on fittings.
2. Install temperature sensor onto adapter fitting. Use a dab of silicone sealer on threads. The sensor is brass and will break if over-tightened.

**IN-LINE INSTALLATION**
If the cooler core you are using does not have AN inlets use the hose barb adapters included in the kit.
1. Install hose barb adapters onto in-line adapter. No thread sealant is required on AN fittings.
2. Install temperature sensor onto in-line adapter. Use a dab of silicone sealer on threads. The sensor is brass and will break if over-tightened.
3. Install rubber hoses onto hose barb adapters and use good quality clamps to hold hose.
4. Start engine and check for leaks.

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