



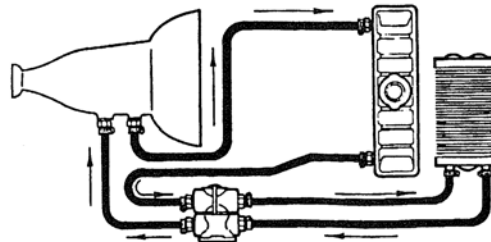
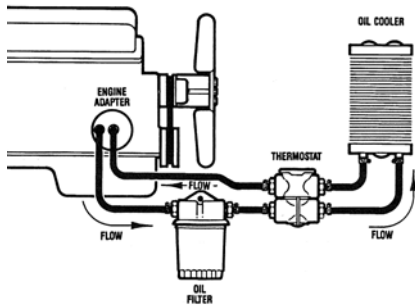
Installation Instructions for 180° Fluid Control Thermostat #13011 & 15719

*Thank you for buying our product.
Please read the following
Instructions in full before starting
the installation.*



How It Works:

When the oil is cool the valve is in the open position, allowing oil to be applied equally to both the inlet and outlet of the cooler, preventing oil flow through the cooler. As the oil temperature approaches 170°F the valve closes, forcing all of the oil to flow through the cooler and return through the valve to the source. This fail-safe design insures full oil flow to the source regardless of whether the valve is open or closed. The cooler remains full of oil at all times, eliminating pressure variations, aeration and foaming of the oil.



1. Install the brass fittings into the four ports using Teflon tape or sealer on the threads.
2. Choose where you want to interrupt both oil lines to install the Fluid Control Thermostat. It should be mounted to the vehicle frame, fender well or other stationary part with any standard tie wrap.
3. Cut the oil hose running from the transmission or engine to the oil cooler. Connect the end of the hose from the transmission or engine to the E1 port and secure in place with the hose clamp provided. Connect the end of the hose going to the oil cooler to the C1 port and secure in place with the hose clamp provided.
4. Cut the oil hose running from the oil cooler back to the engine or transmission. Connect the end of the hose from the oil cooler to the C2 port and secure in place with the hose clamp provided. Connect the end of the hose from the transmission or engine to the E2 port and secure in place with the hose clamp provided.
5. Start the engine and check for leaks.

Caution: Be sure to keep all oil lines away from sharp edges, moving parts and exhaust manifolds. Do not bend hose sharper than a 5" radius.

**Derale • Los Angeles, CA 90063 • Tech Line 800/421-6288
www.derale.com • E-mail: info@derale.com**