

OIL TEMPERATURE CONTROL Installation Instructions



PLAN YOUR INSTALLATION

Before beginning your installation, find a location for your Oil Temperature Control (OTC) away from moving parts and heat sources and where hoses can be installed with the minimum complexity of fittings and hose routing and without sharp bends. Determine whether you will attach the OTC to a fixed mounting point or whether the OTC can be supported by the oil hoses alone. Obtain all required fittings, hose, hose clamps and fasteners.

OIL LINE/HOSE CONNECTIONS

Fig. 1 (Typical Installation) shows how the oil hoses should be connected. The oil cooler is connected to one side of the Oil Temperature Control (OTC) with oil flow TO the cooler connected to the TOP port (see **Fig. 2**) on one side of the OTC and the return oil flow FROM the oil cooler connected to the BOTTOM port on the SAME side of the OTC. On the other side of the OTC, the incoming oil flow FROM the sump/oil tank should be connected to the TOP port and the return oil flow TO the oil pump should be connected to the BOTTOM port. The Oil Temperature Control is bi-directional. i.e. the OTC has no “left side” or “right side” and no “front” or “back”. The oil hose connections and oil flow can be either left to right or right to left. **Fig. 3** illustrates alternative correct oil hose connections.

Fig. 1 Typical Installation

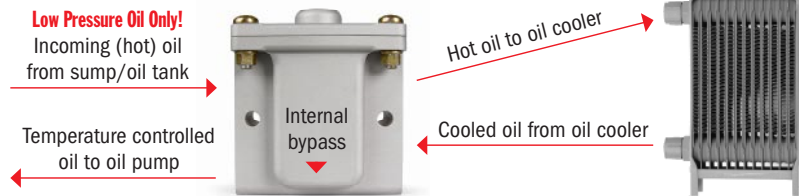
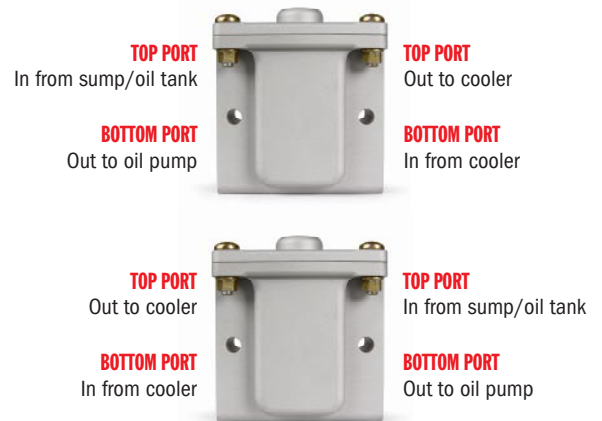


Fig. 2 Port Locations



Fig. 3 Alternative Oil Hose Connections



IMPORTANT!

ThermoStasis Oil Temperature Controls are designed to operate on the low pressure side of the oil circuit. Connect the OTC to the INLET or SUCTION side of the oil pump ONLY.

DO NOT INSTALL ON THE HIGH PRESSURE SIDE OF THE OIL CIRCUIT.



ACTUAL SIZE

Part Numbers:

06-H-170
P6-H-170
06-H-180
P6-H-180
06-H-190
P6-H-190
06-H-205
P6-H-205



ACTUAL SIZE

Part Numbers:

06-10-190
06-10-205
06-10-215

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