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Topics: Installation Procedures

In hydraulic installations, the flange compartment should be used to make the Control Tubing connections to the rotor. This allows for tubing connections, pressure tests and flushing of the control lines - all without digging.

Converting C.O.M. models to the Hydraulic configuration – Remove the two stainless steel screws and lift the flange compartment lid to expose the flange compartment. Find the end of the 1/8 inch tubing that comes into the flange compartment from the bottom of the rotor (fig 1). Check-O-Matic (“C”) versions of TTS rotors can be converted for use in Normally Open Hydraulic systems by removing the end cap on the 1/8 inch tubing. To do so, slide the 1/4 inch tube retainer towards the end of the tube (fig 2). Then, pull to remove the end cap with attached 1/4 inch tube retainer from the brass connector fitting (fig 3).

To connect the 1/4 inch control tube from the controller to the TTS rotor tubing, insert 1/4 inch tubing from controller into the bottom of the flange compartment. Next slide the 1/4 inch tube retainer (from end cap supplied with rotor) onto the 1/4 inch Control Tubing. Then connect the 1/4 inch Control Tubing to the rotor’s 1/8 inch Control Tubing by pressing together at the brass fitting. Finally, slide the 1/4 inch tube retainer towards the brass fitting to lock the tube in place.



Fig 1



Fig 2



Fig 3

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