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Topics: Installation Procedures



fig 1

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 $\frac{1}{8}$ 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 $\frac{1}{8}$ inch tubing. To do so, slide the $\frac{1}{4}$ inch tube retainer towards the end of the tube (fig 2). Then, pull to remove the end cap with attached $\frac{1}{4}$ inch tube retainer from the brass connector fitting (fig 3).



fig 2

To connect the $\frac{1}{4}$ inch control tube from the controller to the TTS rotor tubing, insert $\frac{1}{4}$ inch tubing from controller into the bottom of the flange compartment. Next slide the $\frac{1}{4}$ inch tube retainer (from end cap supplied with rotor) onto the $\frac{1}{4}$ inch Control Tubing. Then connect the $\frac{1}{4}$ inch Control Tubing to the rotor's $\frac{1}{8}$

inch Control Tubing by pressing together at the brass fitting. Finally, slide the ¼ inch tube retainer towards the brass fitting to lock the tube in place.



fig 3

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