

# REXROTH PT INSTALLATION INSTRUCTIONS

(21 GPM RATING – UP TO 5100 PSI)  
WITH BUILD IN PRESSURE RELIEF & FLOW CONTROLS

## Hydraulic Ports:

1. Use either the P1 or the P2 port for the hydraulic Pressure Hose. Plug the one not being used off.
2. Use either the T1 or T2 ports for the Hydraulic Tank Hose (Return Line). Plug the one not being used off.
3. Ports stamped A and B plumb to your cylinder being automatically controlled. A port plumbs to one end of the hydraulic cylinder and the B plumbs to the opposite end of the cylinder.
4. The two adjustments on top of the hydraulic manifold are stamped FC1 and FC2 (FC meaning flow control). FC1 controls the speed on one side of the hydraulic cylinder while FC2 controls the opposite end of the cylinder (one is raise and one is lower). These are used to even out and also slow down the hydraulic flow when needed to smooth out the hydraulics.
5. The cartridge in the side stamped RV is the Relief Valve and allows oil to flow back to the hydraulic pump on open center system in case blockage should occur, protecting the hydraulic system.

## Solenoid Valve Cable:

One end screws into the Control Box while the opposite end has two plugs which connect to each end of the valve (solenoids). If your cylinder works backwards you can merely switch these plugs or switch the A and B hoses.