D0062 Ten Easy Steps to Set-Up of a New Installation

Wednesday, April 05, 2006

STEP 1

Align the Operator & Drive Rail
Mount the operator to a pad that is at least one cubic yard of concrete
See Document ### for sugested install dimensioning guide

STEP 2

Setting the limit Ramps
Open limit ramp shall be set 1 inch from the face of the drive wheel with the gate in the "Open" position. Secure with the screw provided

Setting the limit Ramps
the Close Limit Ramp will be set 1 inch from the drive wheel with the gate in the "Closed" position. Secure with the screw provided

STEP 3

Terminate the power wires
From the conduit pull the appropriate gauge of wires to suit the operator voltage and horsepower (see the chart in the appendix of the operator manual) Don't forget Ground stake.

Connect the incoming power wires to the "pig Tails" provided on the back of the power switch

STEP 4

Set the Class and handing
The installer menu will come up as "UC 0" this is the User class refer to the Specifications guide in the operator manual

The handing can be set after the UC is set by using the close button to scroll to "SH 0
Set the handing for "L" left or "r" right

STEP 5

Program the Installer Menu
The installer menu
Enter the Installer menu to access such things as traffic logic and safety settings

STEP 6

Program the User Menu
Enter the installer menu to access the ability to change close timer and set up the photo-eye alignment.

STEP 7

Purge the Air from the AWOG
If this is an "EX" operator you may need to purge the air from the Accumulator hose located on the back of the pump manifold. Follow the instructions on Document D0039 AWOG replacement & Bleeding

STEP 8

Checking the limit configuration
open or close the gate by hand before clamping the drive wheels the touchpad should read "Open" if not switch the limit wires on the Bottom of the Smart Touch Board

Checking the hose configuration
For left handed applications: the quick disconnect from the top drive motor plugs to the Left side quick disconnect on the pump end-head

STEP 9

Adjusting the brake valves
The brake valves (the SS Models do not use brake valves) are located on the front of the Pump end-head

Adjust the brake valves acording to document ###

The left Brake adjusts the Open direction and turning the adjuster clockwise applies less brakes

STEP 10

Installing Safety devices and remote operation
Refer to the manual for various connection schematics
Add options one at a time then test gate operation.

Remote edge and open devices are connected to the Bottom of the ST board as labeled "Radio Options"
See attached documents D0020

Photo-eyes See attached documents D0015

loop detectors see Attached documents D0009, D0010, D0011