

Omniturn

Installing the G4 control on an Inverter Machine

Connect the operator's station

1. Unplug the palm box (operator's station) from the electrical cabinet.
2. Plug the operator's station into the extension cable provided.
3. Plug the extension cable into the OP STA connector on the back of the control.
Note: You will not be able to turn the servos on if the Operator's Station is not connected.

Preparing the electrical box

1. If TB1-3 and TB1-4 are jumpered together, remove the jumper
2. Remove the light brown wire that runs from TB1-3 to the misc. connector and tape it up.
3. Remove the violet wire that runs from TB1-24 to the misc. connector and tape it up.
4. Run the 5" jumper provided from TB1-13 to TB1-4.
5. Run the 2" jumper provided from TB1-30 to chassis ground. The mounting screw next to TB1-30 is a good ground.
6. Install the pair of capacitors provided on TB1- 1 &2 along with the existing wires.

Installing the control

The new control goes on exactly the same as the old one, *except* that the spindle encoder plugs into the 1st connector on the left instead of the 2nd from the right.