

The Blue servo light won't come on

The Blue servo light indicates that the servos have been turned on. If this won't illuminate that means that the E-Stop string is open, or there is a problem with the drives or their control system. If you hear the servos engage when the button is pressed, but the blue light is off, replace the bulb (#53 miniature bayonet).

- Check that the E-stops on CNC and Operator's Station (palm box) are released.
- Check that the Operator's Station is plugged into the CNC.
- Check the 1CR relay on the connect card in the control: be sure it is plugged in.
- Check voltage at CROY test-point on Connect Card (see page 6-16). At "Please turn servos on" prompt: CROY should stay near zero volts when Servos On button is pressed. If voltage at CROY goes up to 1YZ ribbon cable to motion card could be bad: or problem could be on motion card. If CROY stays low: the E-Stop string could be open (see schematic on page 6.24) or ribbon cable to front panel connect card could be bad or Servos On switch could be bad.