

TB181 (Rev1) - Adding a 28 Pin MPG to a Rev B. Jog Pendant

- 1) Remove the four 6-32 by 3/8" screws holding the jog panel onto the jog pendant.
- 2) Pull the jog panel away from the jog pendant slowly to avoid damaging jog pendant cable.
- 3) Remove the jog pendant cable noting which connector it was attached to.
- 4) Using a flat screwdriver, remove the e-stop connector from the back of the e-stop switch.
- 5) Set the jog panel aside.
- 6) Using a Philips screwdriver, remove and discard the right side handle and clips.
- 7) Screw a 10-32 by 1/2" screw part way into the PEM nut that held the handle clips. Tap both PEM nuts out with a hammer.
- 8) Using the MPG hook as a template, center the hook mounting holes over the handle mounting hole and center-punch the mounting holes for the hook and the spring clip.
- 9) Drill the mounting holes that were center-punched in the last step with a number 25 drill.
- 10) Mount the MPG hook to the top of the jog pendant with two 6-32 by 3/8" black screws with nylon nuts.
- 11) Mount the spring clip to the bottom of the jog pendant with two 6-32 by 3/8" black screws with nylon nuts.
- 12) Cut out the MPG connector template.
- 13) Tape the MPG connector template to the bottom, right hand side of the jog pendant.
- 14) Center-punch all five holes.
- 15) Drill the four mounting holes with a number 25 drill.
- 16) Punch the connector hole with a 1 1/8" punch.
- 17) Mount the MPG connector from the inside of the jog pendant using four 6-32 by 3/8" black screws with nylon nuts.
- 18) Make sure jumpers in middle of jog panel are set to 3rd party MPG.
- 19) Reconnect e-stop connector to e-stop switch.
- 20) Reconnect jog panel cable to jog panel.
- 21) Connect MPG cable to 3rd party MPG connector.
- 25) Mount the jog panel to jog pendant reusing the 6-32 by 3/8" screws.

Document History

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