

Okuma Color LCD Replacement Instructions.

1. You will need a #1 and #2 Phillips Screwdrivers. Wear Safety Glasses.
2. Turn power off to entire Okuma machine. For Safety, Wait 1 hour!.
3. Disconnect Honda connectors (may need to loosen with # 1 Phillips, and squeeze metal clips), and any other wires from back of Okuma operator panel (some have 2 black wires and circular twist connector) (confirm that connectors are numbered for re-assembly!). Use digital camera to take picture(s) before disassembly!
4. To remove Okuma operator panel from Operator Pendant:
 - a. Remove Black Bezel on front.
 - b. Remove only the 6 screws that are recessed in holes.
 - c. Remove operator panel from the operator pendant from front of Operator Pendant. You may have to pry loose weather-stripping, save for re-assembly.
5. Place Okuma operator panel on workbench, Remove the sheet metal (that covers the defective color monitor) from the back of the operator panel, many short screws. Some 7000 series panels do not have sheet metal covers.
6. To disconnect the color monitor electrical connections from the Okuma operator panel, Remove:
 - a. 3 pin Molex (white), usually connected to monitor power supply.
 - b. Ribbon cable connector, usually connected next to monitor power supply.
 - c. Misc. brightness cable (varies with monitor).
7. Remove color monitor assembly from operator panel. (4 screws, two on each side).
8. Clean protective glass of operator panel, with alcohol.
9. Set the operator panel aside, now you will remove the CRT (glass display tube) & electronics from the monitor frame.
10. Remove the CRT from color monitor frame (4 screws on front, SAVE SCREWS). You do NOT need to disconnect CRT from associated circuit boards!
11. Remove remaining electronics from monitor frame (one or two circuit boards, & power supply). Return scrap electronic boards, hardware and CRT to CncRepair.com for exchange credit.
12. Install new LCD monitor on front of monitor frame. Use the 4 screws from removing the CRT. Remove plastic sheet from LCD monitor.
13. Re-install the monitor frame (with new LCD monitor mounted on front) into the Okuma operator pendant (4 screws). The LCD screen is FRAGILE. Do not bump it!
14. Connect LCD monitor power connector (3 pin Molex) and video cable (polarized ribbon cable).
15. Replace sheet metal.¹
16. Re-install Okuma operator panel in Operator Pendant.
17. Replace Honda connectors, using care, following your numbers. Replace 2 black wires (if on your operator panel) and circular twist connector (if on yours).
18. LCD monitor has no adjustments!

¹ Revised 3/2007 Okuma LCD instructions.doc