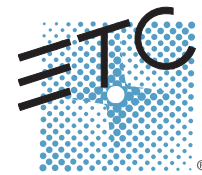


ETC® Service Note

Congo™ jr Master Wing LCD Replacement



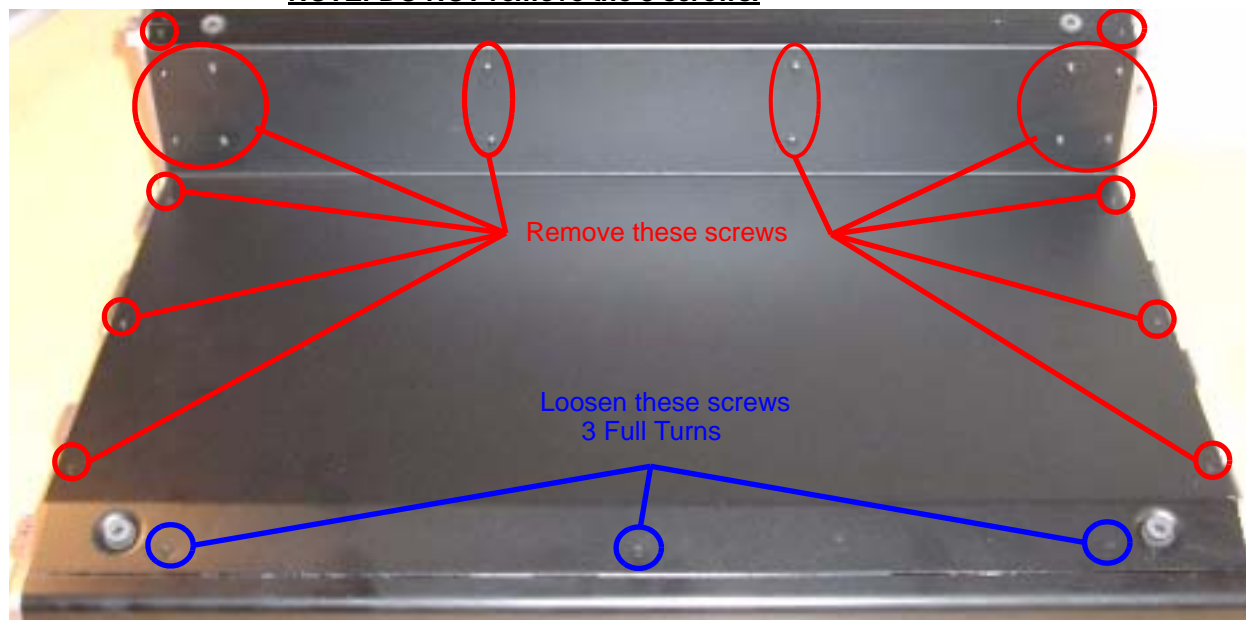
Tools Required:

- #1 Phillips Screwdriver
- Soldering Iron
- Lead Free Solder

Procedure:

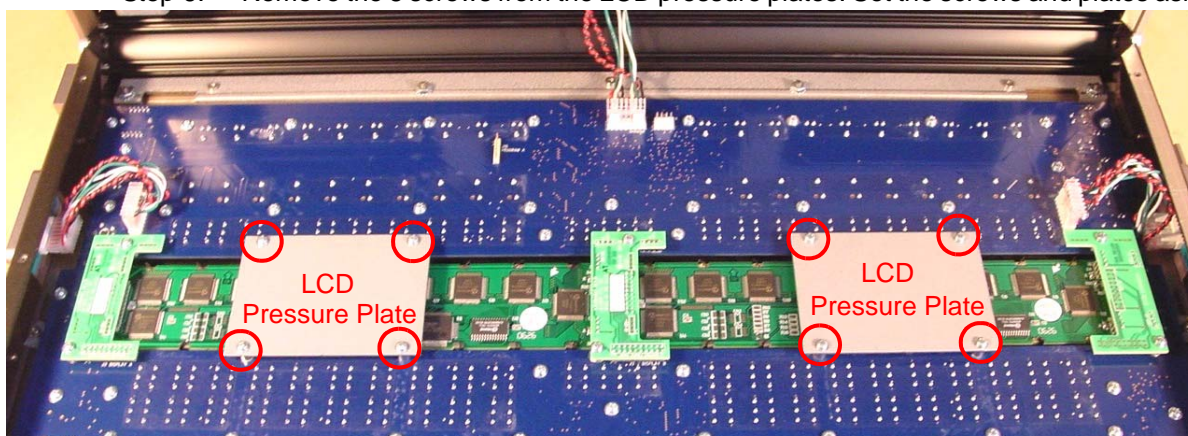
- Step 1: Remove the protective side panels from the Congo jr Master Wing.
- Step 2: Place the master wing face down exposing the back side.
- Step 3: Remove the 20 screws indicated in **Red** below.
- Step 4: Loosen the 3 screws indicated in **Blue** below.

NOTE: DO NOT remove the 3 screws.



Step 5: Remove the master wing bottom plate and set it aside.

Step 6: Remove the 8 screws from the LCD pressure plates. Set the screws and plates aside.

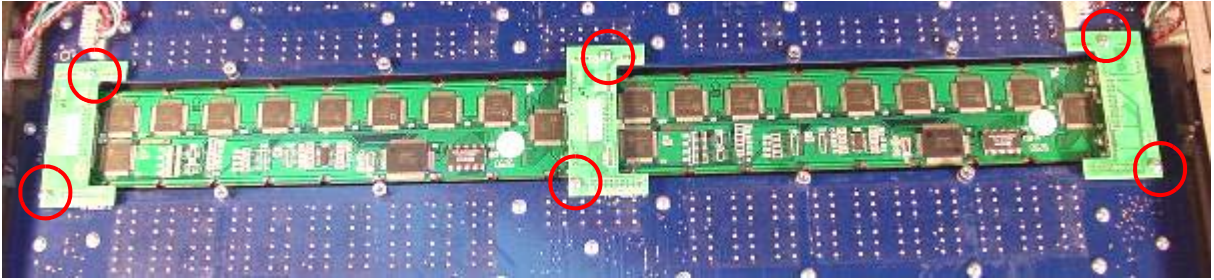


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® Pending ■ Rev A ■ Released 02/2007

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Congo™ jr Master Wing LCD Replacement

Step 7: Remove the 6 screws holding the LCD Jumper board in place.

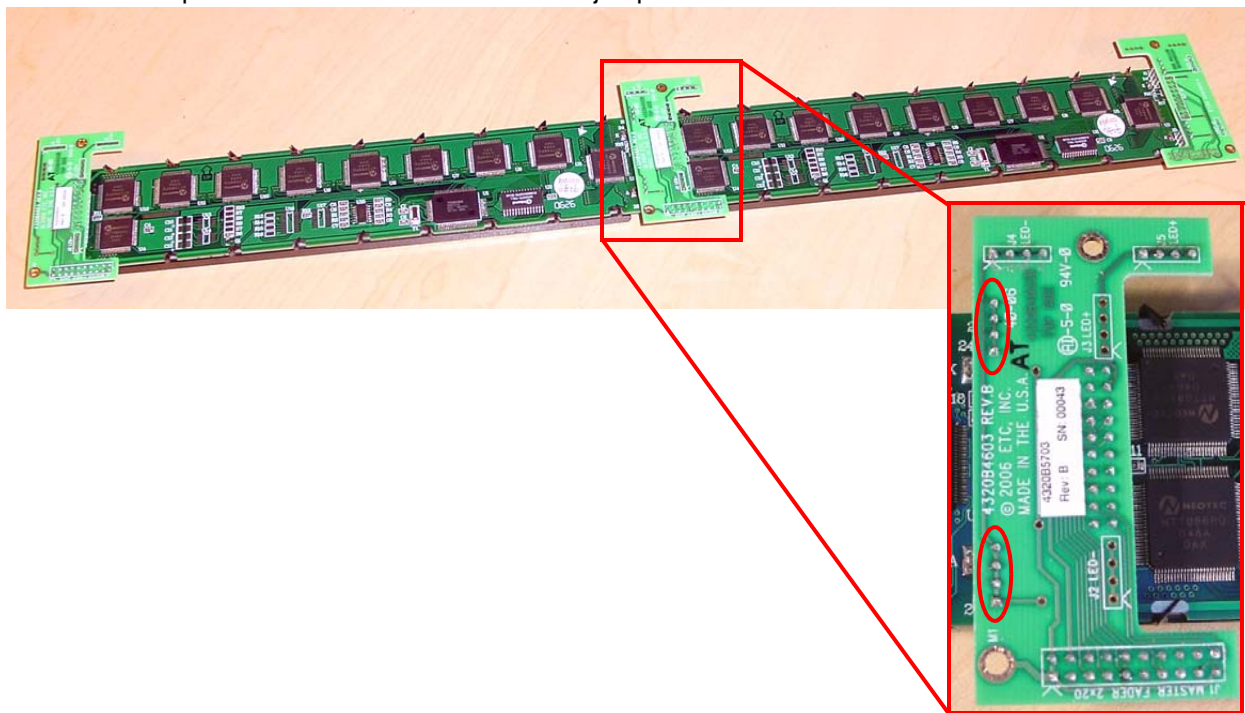


Step 8: Gently lift up all 3 Master LCD jumper boards; removing all the pins from each socket.

Step 9: Lift both LCD screens from the center and gently lift the screens away from the master wing.

Step 10: Set the pair of LCD screens aside.

Step 11: De-solder the below-circled jumpers to disconnect the 2 LCD screens.



Step 12: Replace the Left or Right LCD screen w/ the LCD Jumper pre-soldered. Line up the above pictures 8 pins and solder the 2 LCD screens

Step 13: Once the pins are aligned with the Master Wing Main Board, gently press each board into its socket.

Step 14: Secure each of the 6 screws back into the LCD jumper board, connecting them to the sandoffs.

Step 15: Place each of the LCD pressure plates back over the LCD screens and tighten all 8 screws back into the appropriate holes.

Step 16: Place the 2 LCD screens back into the Master Wing. Line up all of the pins on each of the 3 LCD jumper boards.

Step 17: Place the master wing bottom plate over the back side of the master wing face panel.

Step 18: Re-attach and tighten all 23 Screws.

Step 19: Connect the Master Wing to the console and run the face panel diagnostics tests to verify proper LCD, fader, and button operations.