

ETC® Service Note

Congo™ jr Power Supply Replacement



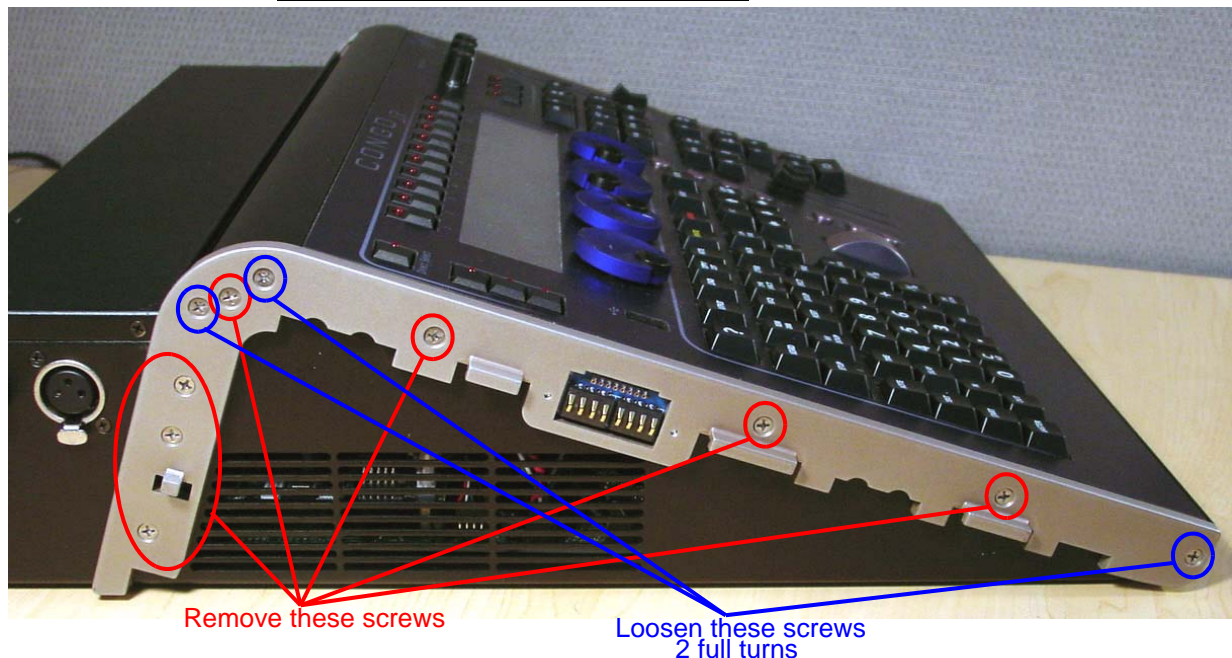
Tools Required:

- #2 Phillips Screwdriver
- #1 Phillips Screwdriver
- Side Cutter
- 4 Replacement zip ties

Procedure:

- Step 1: Remove the protective side panels from the Congo jr Console.
- Step 2: Remove the 7 screws indicated in **Red** below.
- Step 3: Loosen the 3 screws indicated in **Blue** below.

NOTE: DO NOT remove the 3 screws.



- Step 4: Carefully flip over the console and loosen the 3 screws in **blue** below:

NOTE: DO NOT remove the 3 screws.

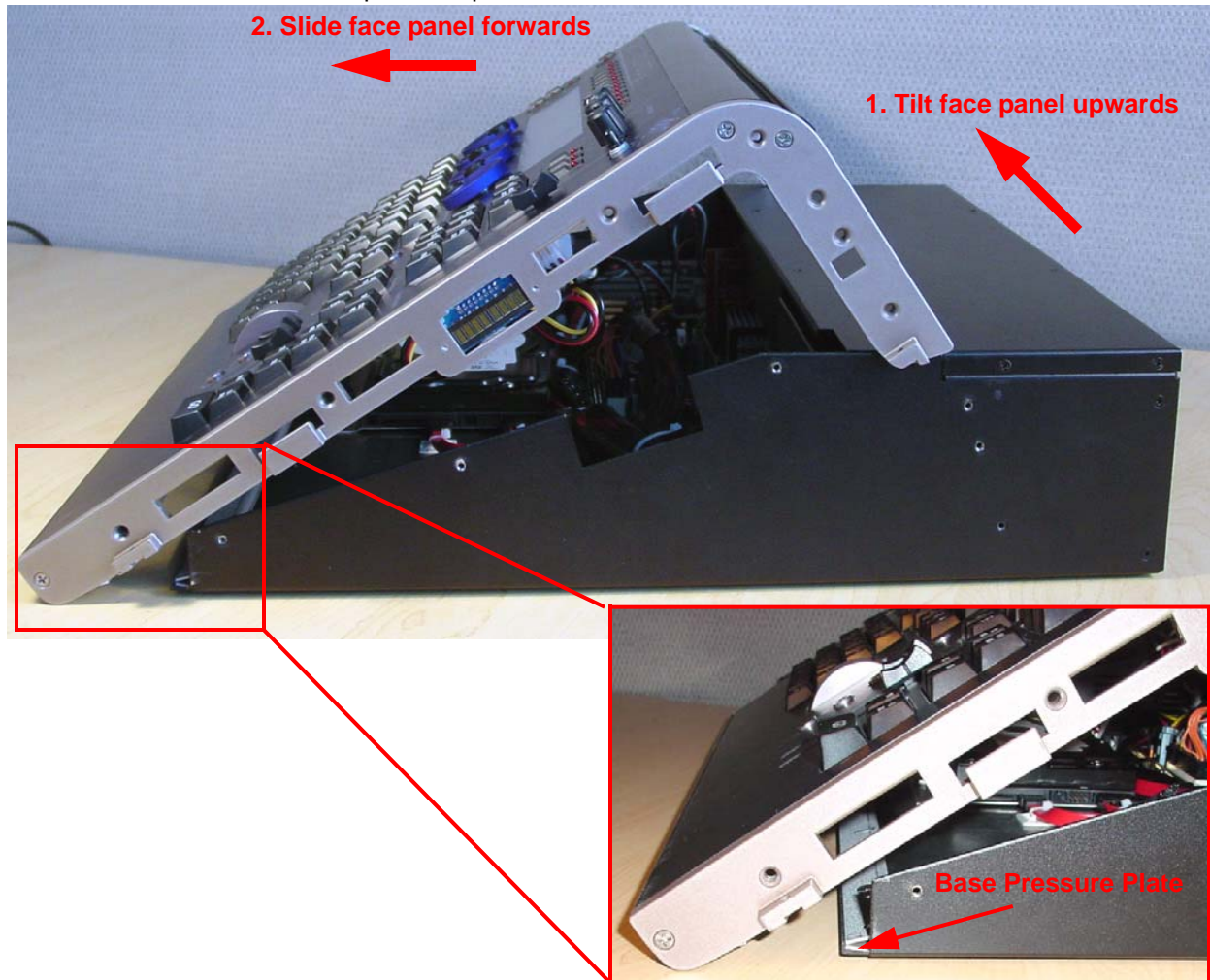


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® Pending ■ Rev A ■ Released 02/2007

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- Step 5: Flip the console back onto the base.
- Step 6: Lift the back side of the face panel upwards away from the base.
- Step 7: Slide the face panel towards the front of the console. The face panel will slip under the base pressure plate.



- Step 8: Rest the face panel off to the left side of the base unit. (the side with the DMX connectors) There is no need to remove the face panel cables when replacing the power supply.
- Step 9: Remove all 4 screws from both sides of the base.



Remove these screws (located on the side of chassis)

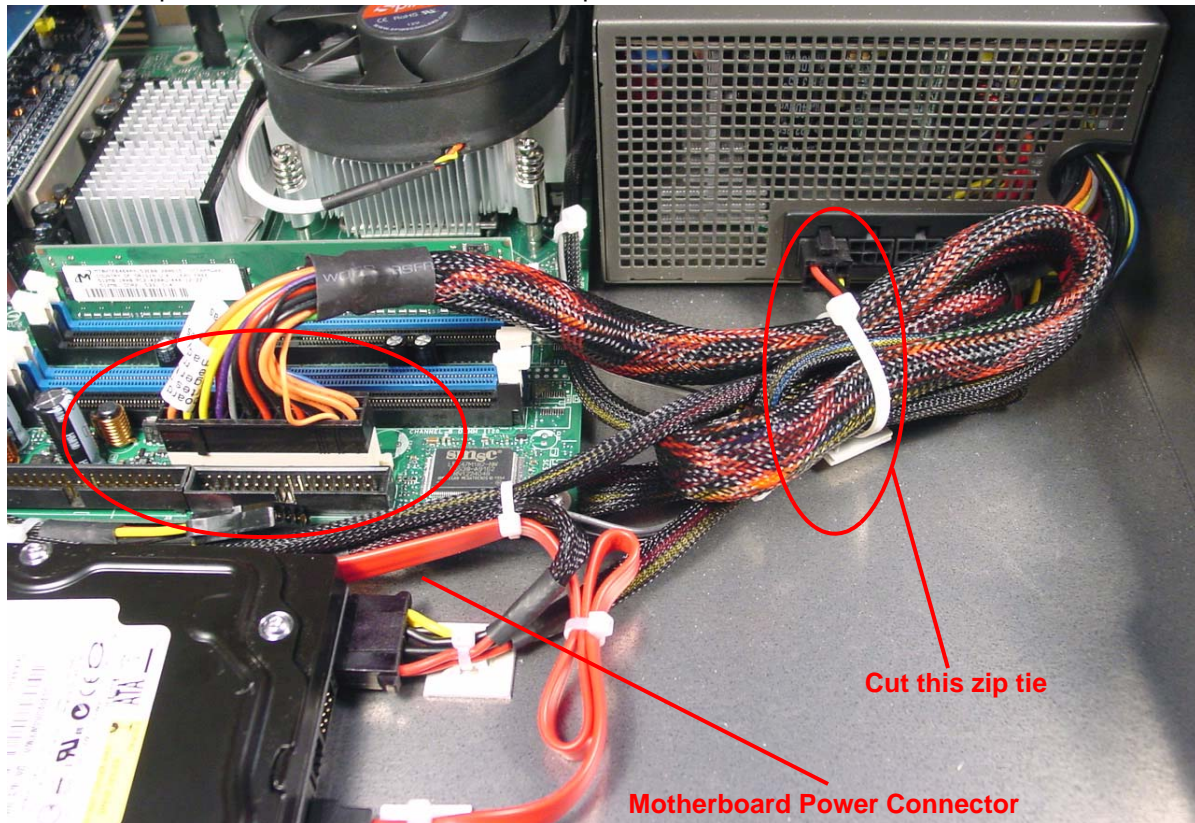
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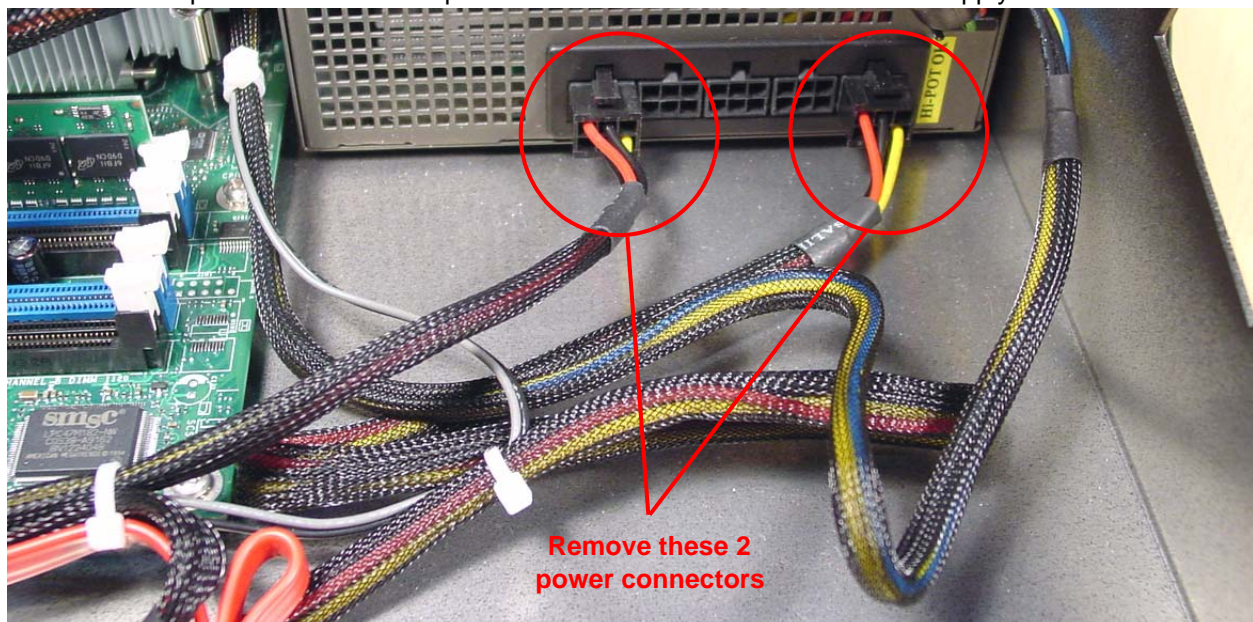
Step 10: Remove the base cover and set aside.

Step 11: Locate the Power Supply and cut the zip tie around the large bundle of cable.

Step 12: Disconnect the motherboard power connector.



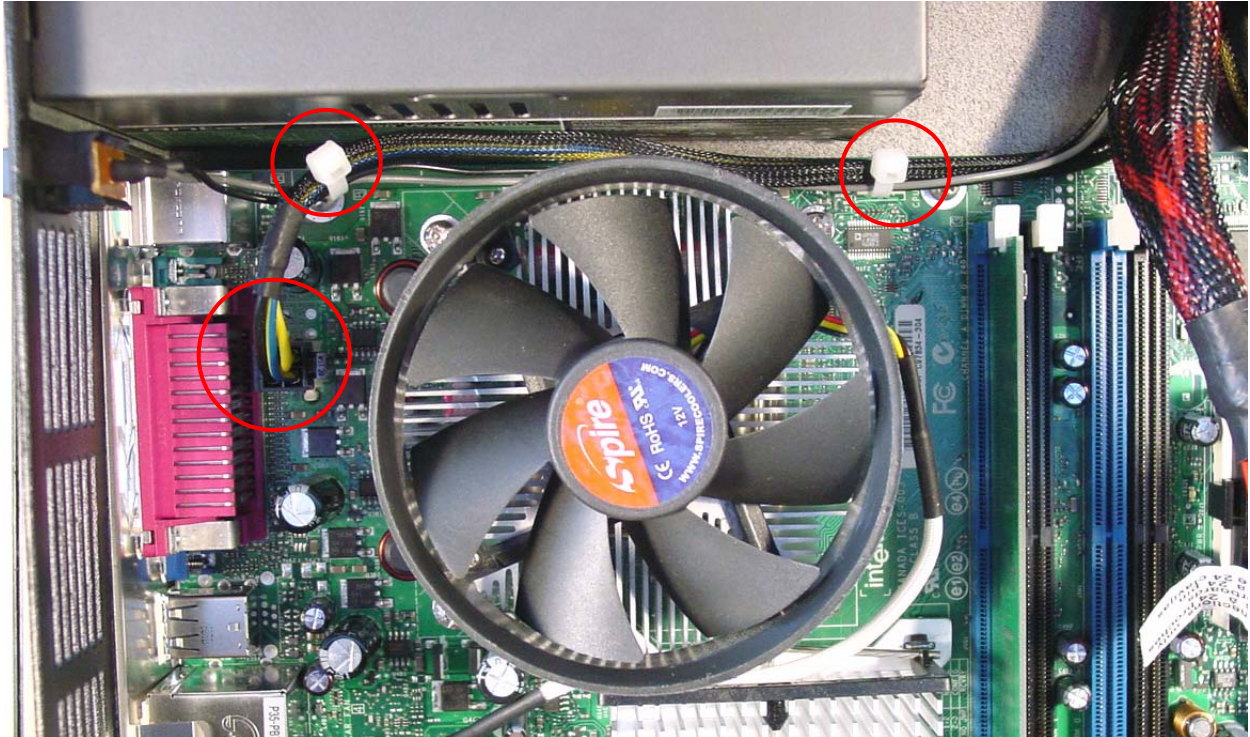
Step 13: Remove the 2 power connectors attached to the Power Supply.



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Step 14: Cut both zip-ties and disconnect the Motherboard Aux Power.



Step 15: Remove the 4 Screws holding the Power Supply in place.



Step 16: Swap out the power supply for a new power supply.

Step 17: Attach the power supply by screwing in the 4 screws from the back of the console.

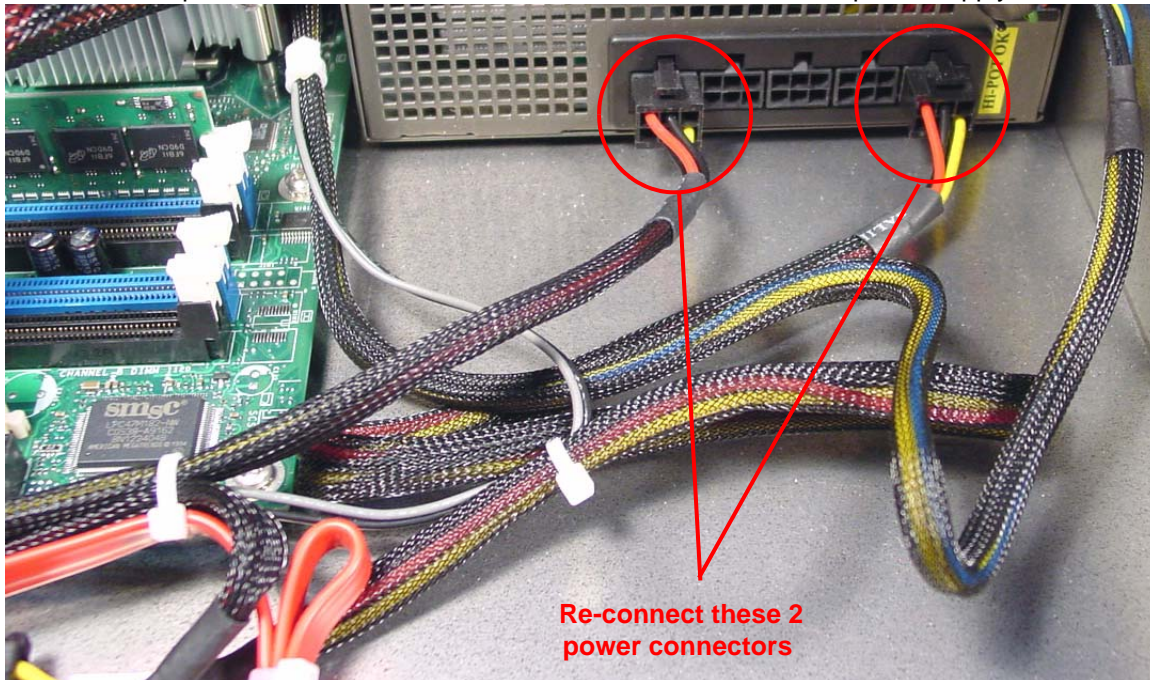
Step 18: Re-connect the 12v motherboard aux power.

Step 19: Place 2 zip-ties around the 12v motherboard aux power supply and the soft power switch cables.

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Step 20: Re-connect the 2 Power connectors back into the power supply.

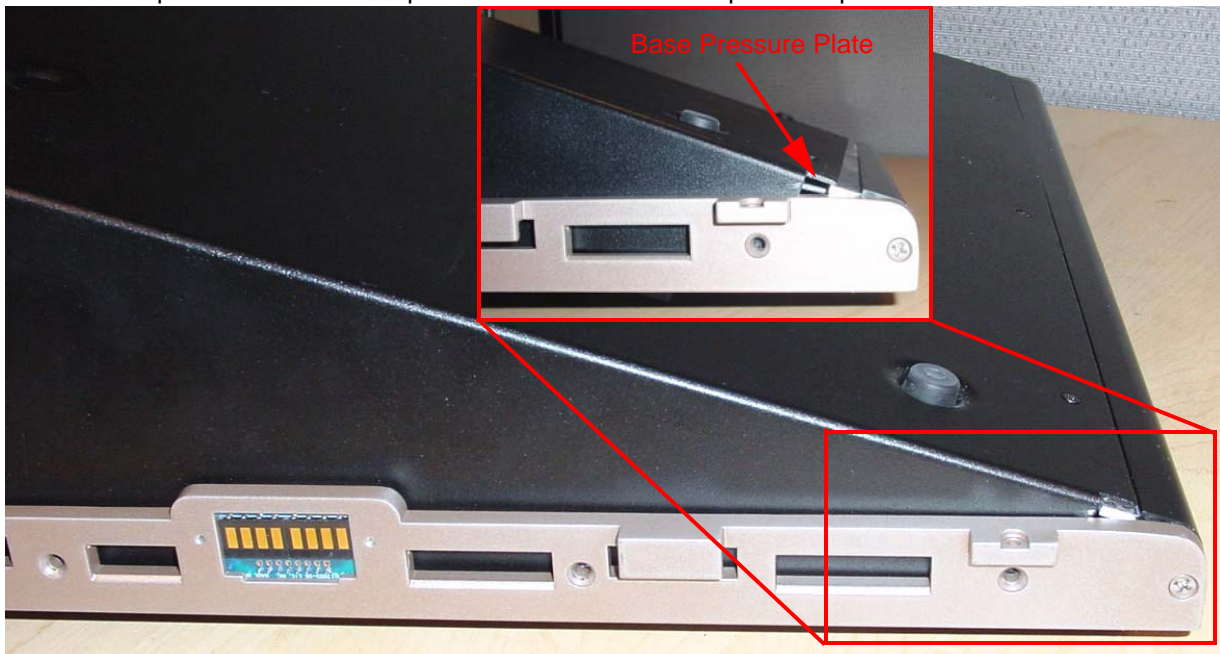


Step 21: Re-connect the large Motherboard connector into the Motherboard.

Step 22: Place a 4" zip-tie around the large bundle of wire and thru the sticky back on the base of the console.

Step 23: Place the base cover back onto the base of the console and re-attach all 4 screws.

Step 24: Slide the face panel back under the base pressure plate.



Step 25: Re-attach all 7 screws from each side of the console face panel.

Step 26: Flip the face panel over and tighten the 3 screws on the base of the console.

Step 27: Power the console up and verify correct face panel operation and LCD screen operation.

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