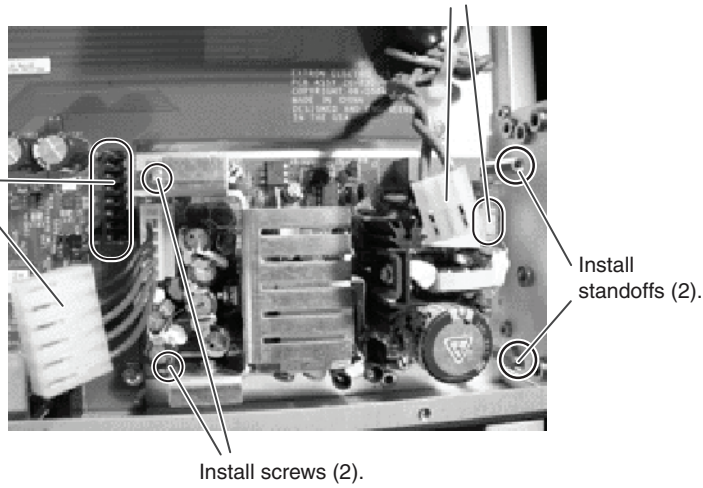


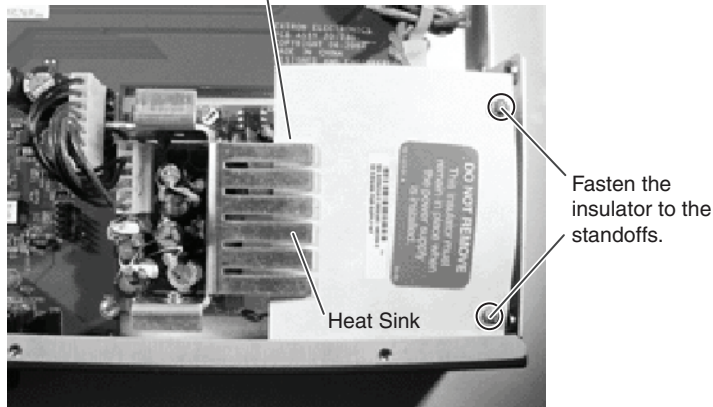
Plug the PCB's power output cable to the power supply's 2-pin power input connector.

Plug the output cable from the power supply to the PCB's power input connector.



10. Connect the switcher's power output cable to the power supply's 2-pin power input connector. See the previous illustration.
11. Connect power output cable from the power supply to the switcher's power input connector. See the previous illustration.
12. Install the insulator and attaching screws that were removed in step 7.

Position insulator **under** the heat sink.

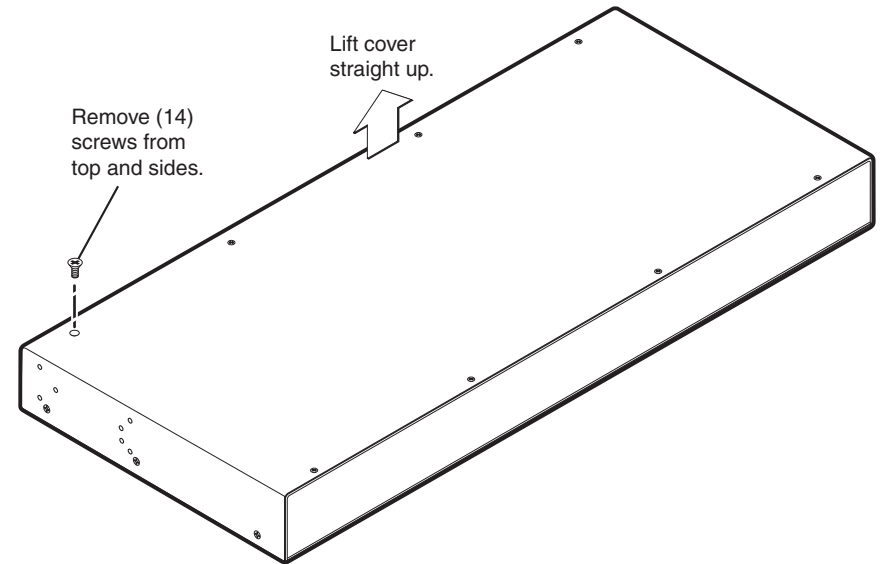


CAUTION The insulator must be tucked under the heat sink to protect components from possible damage.

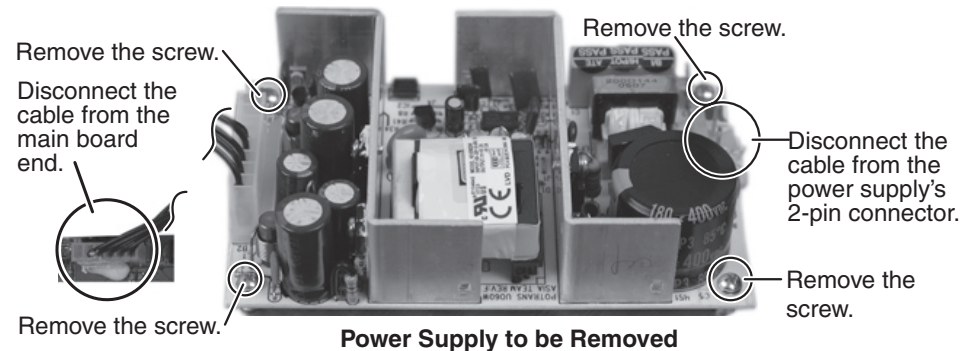
13. Replace the top cover and reinstall the 14 screws removed in step 3.

Power Supply Replacement Instructions for the MLS 304/306/406

1. Disconnect the power cord from the switcher.
2. If the switcher is rack mounted, remove it from the rack.
3. Remove the 14 screws (8 on the top and 3 on each side) that secure the switcher's top cover, as shown below.



4. Lift the cover straight up and off.
5. Disconnect both power supply cables, as shown below. Disconnect the two-pin power input cable from the power supply. Disconnect the power supply output cable from the switcher's main PCB board (not the power supply).



6. Remove the four screws that secure the power supply to the base of the switcher. Retain at least two of the screws for installation of the new power supply.



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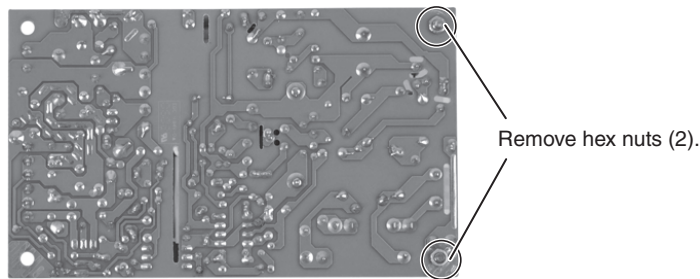
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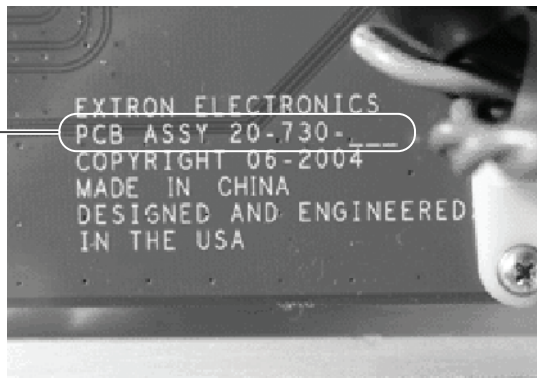
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7. Remove and discard the two standoff hex nuts on the underside of the replacement power supply board as shown below. Do **not** discard the standoffs to which the hex nuts were threaded or the power supply insulator and the two attaching screws.

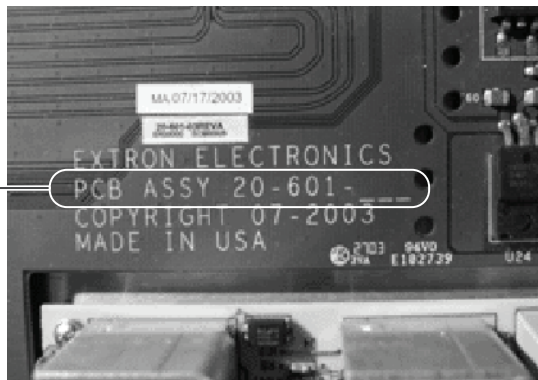


8. If the switcher is an MLS 304 or MLS 406, proceed to step 8a.
If the switcher is an MLS 306, proceed to step 8b.
- 8a. Check the part number on the switcher's PCB. The part number indicates which power output cable to use with the replacement power supply. The replacement power supply is shipped with the 8-wire cable attached.

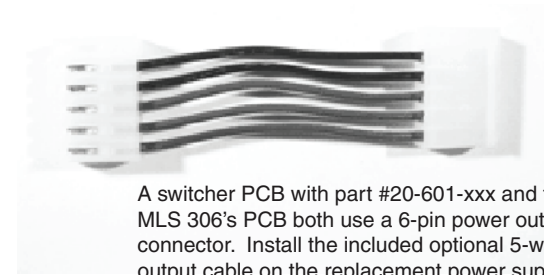
A PCB with part #20-730-xxx uses an 8-pin power output connector. Use the installed 8-wire output cable on the replacement power supply.



A PCB with part #20-601-xxx uses a 6-pin power output connector. Remove the installed output cable on the replacement power supply and use the optional 5-wire output cable included in the kit.



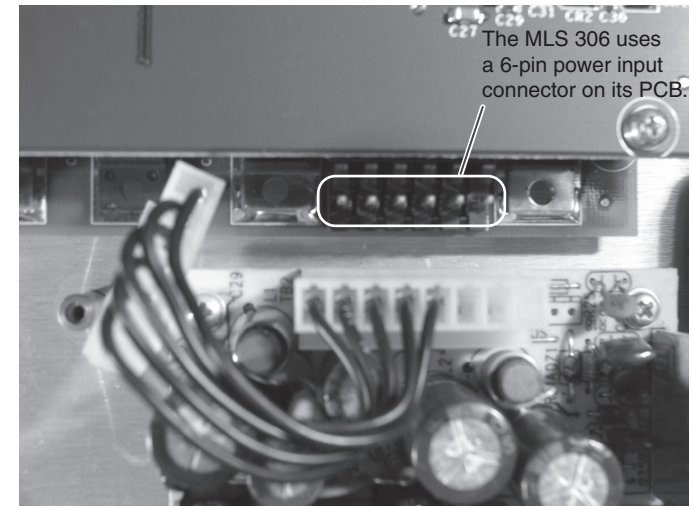
If the optional 5-wire power output cable needs to be installed, replace the power supply's power output cable with the cable shown below.



A switcher PCB with part #20-601-xxx and the MLS 306's PCB both use a 6-pin power output connector. Install the included optional 5-wire output cable on the replacement power supply for either switcher.

- 8b. The MLS 306 switcher requires that the included optional 5-wire power output cable be installed on the replacement power supply. See the previous cable illustration.

NOTE The MLS 306 switcher's PCB part number is not readily viewable because of the multi-board arrangement. However, the MLS 306 uses a 6-pin power input connector, as shown in the illustration below, and requires that the replacement power supply's optional 5-wire output cable be used.



9. Secure the replacement power supply to the switcher's PCB using two of the screws from step 6 and the two standoffs from step 7. The screws and standoffs screw into the holes where the original power supply was attached. See the following illustration.

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