

## **McIntosh MC2000 Stereo Power Amplifier LED Modification Kit Installation Instructions**

1. Disconnect all interconnects, speaker cables, and power cable from the amplifier.
2. Place the amplifier on a carpeted surface.
3. Due to the weight of the amplifier, it is recommended that you get a friend to help you.
4. Remove the meter switch knob and power switch knob, by pulling straight out on them, and remove the felt washers.
5. Remove the three screws on either side of the front panel that attach it to the chassis as shown in figure 1. Pull the front panel toward you using the handles. Set it aside in a safe place. The gold trim around the meters should stay in place.
6. Lift straight up on the gold meter trim with the black meter shroud attached and set it aside.
7. Roll the amplifier over on its left side, and using a book about  $\frac{3}{4}$ " thick, under the left side power transformer, prop the amp up on its side.
8. Remove the screws that secure the bottom cover to the chassis as shown in figure 2.
9. On each of the amplifier boards there is a 6 pin connector, J2. Remove this connector on both the left and right amplifier boards. See figure 3.
10. There is a five conductor bundle of wires that is routed from the meter area around the right side (top side, as the amp sits on its left side) to the power supply board, where it connects to J9. This is near the stand-by power transformer. Remove this connector and re-route the wire back to the front of the amplifier. Be careful when removing the wires from the two nylon wire clamps on the side of the amp.
11. With the two included spacers, roll the amplifier to its upright position, with the wooden spacers placed near the front of the chassis.
12. Remove the four screws as shown in figure 4, and remove the meter panel by pulling it out towards you. If there are any wires hanging up, replace the four screws and turn the amp back on its side and release the wires.
13. Lay the meter panel face down on a cushioned surface to protect the protruding switch shafts.
14. In center of the bottom portion of the meter panel there are six connectors that attach to the circuit board on the front of the panel. Mark these six connectors as to their position, as you are going to be attaching them to the new board in the kit in the same positions as they are on this board. We have found that using a SHARPIE marker is the best. After you have marked the connectors, remove them. See figure 5.
15. Remove the four pin connectors from the long circuit board that is attached to the top of each of the left and right meter shrouds. You can also remove the circuit boards from meter shrouds by prying them away from the shroud with a small screwdriver.
16. Attach the new meter lamp boards to the shrouds at this time.
17. Remove the connectors that attach to the left and right panel-illuminating circuit boards at this time. The same procedure is used for the left and right sides. See figure 6.
18. There is a circuit board attached to the back of each of the meters. With a #1 Philips screwdriver, remove the two screws that attach the boards to the backs of the meters and lift them both straight up at the same time. Carefully set them aside.
19. Using a 5/16" nut driver, remove the two nuts that hold each of the meter shrouds to the rear of the meters. Lift the shrouds straight up.
20. Remove the blue filters from the backs of the meters and replace them with the new ones supplied in the kit.
21. Re-install the meter shrouds. Be careful not to over tighten the nuts.

