

Marshall MCK-6 Capacitor Kit for the Marshall Lead 100 MOSFET (Model 3210)

The first task is to disassemble the amplifier chassis. Unplug the amplifier from commercial power. Remove the screws which hold the chassis in place, slide it from the amplifier chassis. Be careful to remove any wires from the chassis to speaker, etc. The next step is to pull all of the knobs, and remove the nuts from the potentiometer shafts on the front panel. Also remove the jack nuts. Next, remove the screws which hold the PC board to the chassis. Slide the PC board back to clear the pot shafts, so that you can turn the board and obtain access to the printed side of the PC board. We do not recommend removing the board completely from the chassis because it requires several wires to be disconnected. It is possible to change the capacitors without completely removing the PC board from the chassis.

Take every precaution to ensure that the new capacitors are installed with the correct polarity. Polarity for each capacitor is marked on the PC board with a + sign, but may not be completely clear for every capacitor. Making your own marks before removing the existing capacitors is recommended. Taking photos of the PC board before starting is also a good idea in case there are any questions about polarity.

We strongly recommend removing and replacing one capacitor at a time.

For each capacitor, look at the PC board to verify polarity of the existing capacitor and if the polarity marked on the PC board is not clear make a mark at the positive end of the capacitor on the PC board to help ensure that the new capacitor will be installed correctly.

Different capacitors mark their polarity in different ways, but on most capacitors usually the negative terminal is marked with a line and arrow on the side of the capacitor. In many cases, the end with the positive terminal is marked by the presence of a "crimp" or concave indented ring around the capacitor.

A desoldering tool (suction pump) and/or desoldering braid is recommended for desoldering the old capacitors.

Capacitors to be replaced are listed below:

C48, C49	2200uF / 50V	C9, C38, C39	100uF / 25V
C10, C18, C44, C50, C51, C55, C58, C59,	22uF / 50V	C40, C41, C45, C57	47uF / 63V