Fender FCK-61 Capacitor Kit for Fender Hot Rod Deluxe III (2010-Present)

The first task is to disassemble the amplifier chassis. The best way to learn how to do this is by watching the video at https://www.youtube.com/watch?v=oLbY4F0QZvc Remember to unplug the amplifier before starting work, and then to discharge the filter capacitors on the main board for safety. Tube amplifiers contain high voltage which is stored in the filter capacitors even after the amplifier has been turned off. If you are uncertain about this, we recommend obtaining the help of a qualified amp technician.

Take every precaution to ensure that the new capacitors are installed with the correct polarity. Polarity for each capacitor is marked on the pictorial diagram, 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 diagram to verify polarity, compare it with the existing capacitor, and 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 radial capacitors usually the negative terminal is marked with a line and arrow on the side of the capacitor. In addition, on radial capacitors usually the positive lead is longer.

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

A layout of the PC board is on the back of this sheet.

Some of the replacement capacitors have higher voltage ratings than the original capacitors. This is common practice in replacements, offers an additional level of safety, and does not in any way affect the sound or performance of the amplifier.

C33, C34	47uF / 500V	C37, C39, C42, C43	100uF / 100V
C35, C36	22uF / 500V	C40, C41	1000uF / 35V
C31, C32	100uF / 450V		