

Fender FCK-54A Capacitor Kit for Fender Hot Rod Deville III 2010-Present

Remember to unplug the amplifier before starting work, and then to discharge the filter capacitors on the main board for safety. If you are uncertain about this, we recommend obtaining the help of a qualified amp technician. 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://tinyurl.com/hotroddel> (watch the first 1 minute of the video for disassembly instructions. The amplifier in the video is a Fender Hot Rod Deluxe, but the process is the same.)

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

Please be certain of the polarity orientation of the new capacitors. On the radial capacitors, there is a white or gray line down the side of the capacitor, marking the NEGATIVE terminal. Also, the positive terminal's lead is longer than the negative lead.

On the F&T axial capacitors, the positive end is marked with " + + + " next to the specifications on the side of the capacitor. In addition, the cylinder is "dimpled" at the positive end, while it is smooth at the negative end. Finally, the end of the cylinder is black at the positive end, and silver at the negative end.

For the larger axial capacitors, we recommend putting a line of hot glue or silicone RTV beneath the capacitor as you install it, to hold it firmly to the PC board. If the larger capacitors are held in place only by their solder joints, eventually the solder joints will likely crack from vibration. Adhering the larger capacitors to the PC board helps prevent this from happening and makes the amp more reliable.

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

C31, C32	F&T 100uF / 350V AXIAL	C40, C41	1000uF / 35V RADIAL
C33, C34	F&T 47uf / 500V AXIAL (Replaces 47uF/350V)	C37, C39, C42, C43	100uF / 100V RADIAL
C35, C36	F&T 22uF / 500V AXIAL		
C38	10uF / 100V RADIAL		