

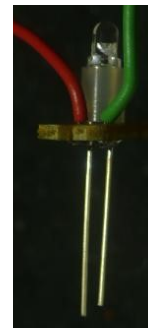
CAUTION: Read all these instructions before beginning, if you pedal is currently under warranty it will not be after these mods. This kit and the instructions do not include any warranty of any kind and you agree to hold harmless the seller of this kit against any and all claims.

Thank you for purchasing the OS-2 Supreme Mod Kit. After these mods you will not believe it's even the same Pedal. Included are all the components necessary for total tone transformation, it replaces key components in the signal path to turn your OS-2 into a serious tone machine.

Start by sorting out all the parts in the kit, the chart below will help.

There is also a new LED to replace the red one, it will not change the tone of the pedal, just change the color of the light. The longer lead goes to the red wire.

TYPE	VAL	CODE	QTY	RESISTOR CODES	
CAP	100P	101	1	BLACK	0K
CAP	0.01	103	1	BROWN	1N
CAP	1U	105	2	RED	2R
CAP	0.022	223	1	ORANGE	3O
CAP	0.22	224	1	YELLOW	4Y
CAP	0.047	473	2	GREEN	5G
DIODE	1N34A	GLASS	2	BLUE	6B
DIODE	1N4007	BLACK	3	VIOLET	7V
RESISTOR	1K	NKKNN	1	GREY	8E
RESISTOR	10K	NKKRN	3	WHITE	9W
RESISTOR	27K	RVKRN	1		
IC	NE5532P				
SOCKET	8PIN		1		
LED	3MM	YELLOW	1		



Next Open up the back and take a look inside. There is the main circuit board and a tiny board that only houses the LED. There is no need to remove the jacks or pots for this Kit.

After the board is exposed it's time to start removing components and replacing them with the new ones. Make sure the battery is removed and no cables or AC-adaptors are plugged in. On Page 3 is a detail of the OS-2 board before all the components are removed and which components will be replaced. Note that there are two components behind the ribbon cable.

If you are quite confident of your abilities you can remove all the components in one step then go through and replace them all. However if this is your first time modding a pedal you may want to replace the parts one at a time, then test the pedal. You don't need to completely put the pedal back together every time you test it as it will work perfectly fine with all the guts exposed. You may also like to hear the progress you are making as you go. Some parts will have a more drastic effect than others. Don't ever touch the soldering iron to the pedal while the pedal is plugged in.

The PCB is pretty resilient , however, you need to be careful not to force the old components out of the holes as this can damage the traces and solder pads. Instead use a solder sucker and de-soldering braid to remove all the solder so that the old components are removed with ease. I find that it is a good idea to clip the lead on the top side of the board before de-soldering.

The diodes and the IC must be inserted correctly in order to work. The diodes have a band closest to the positive side and the PCB has an arrow pointing toward the positive side. For the IC note the direction of the dent or dot on the chip and the PCB. Install the socket on the board in the correct way, then you can try out any dual op-amp and see the changes in the sound. Note on page 4 the completed photo shows the empty socket, you will need to insert a chip for the pedal to work.



