

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 OD-1 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 most every component in the signal path and turns the OD-1 into a serious tone machine. If you have a basic understanding of electronics and know how to solder you can get this done in about 1/2 hour.

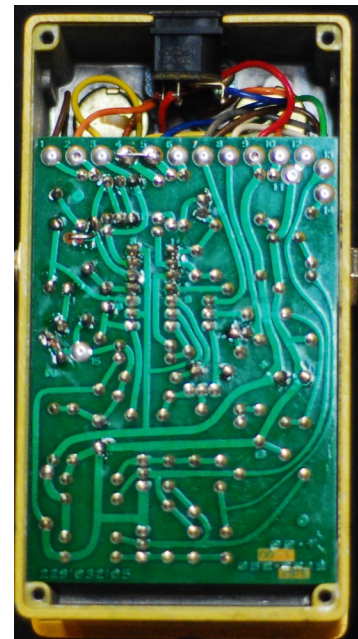
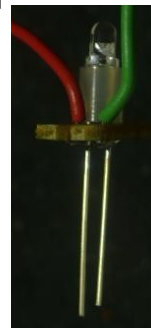
Start by sorting out all the parts in the kit, the chart below will help.

<u>Type</u>	<u>Value</u>	<u>Qty</u>	<u>Code</u>
Film Cap	0.1	3	104
Film Cap	1u	2	105
Film Cap	0.047	1	473
Cer Cap	47p	1	47
EL Cap	47uf	1	47uf
EL Cap	100uf	1	100uf
Resistor	3k3	1	OOKNN
Resistor	680k	1	BEKON
Resistor	1k	1	BKKNN
socket	1	1	8PIN
Opamp	NE5532	1	NE5532
Ger Diode	1n34a	2	GLASS
Rec Diode	1n4007	2	BLACK
LED	Yellow	1	LED

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.

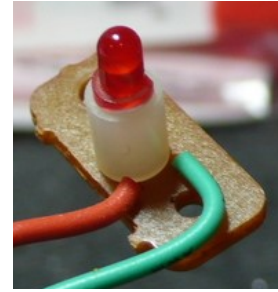
RESISTOR CODES

BLACK	0K
BROWN	1N
RED	2R
ORANGE	3O
YELLOW	4Y
GREEN	5G
BLUE	6B
VIOLET	7V
GREY	8E
WHITE	9W

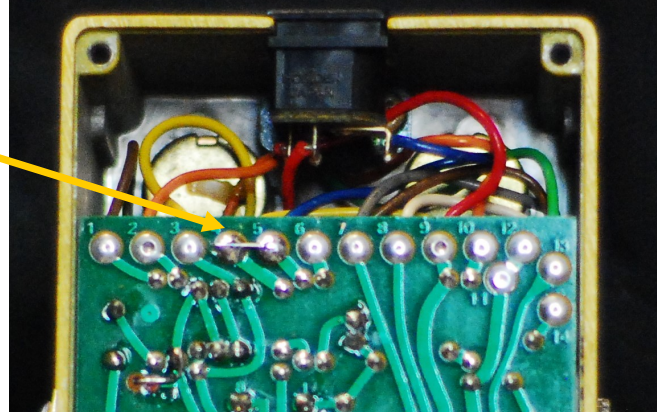


Next Open up the back and take a look inside. There are two circuit boards. The main board in the picture, , and a tiny board that only houses the LED. We will need to get to both boards but there is no need to remove the knobs or the input or output jacks.

There is a small circuit board that holds the Red LED. Your kit has a water clear bright LED to replace this with. This change is not necessary but it does make the pedal look much cooler. LED's are polarized and only work one direction The longer lead of the LED is the positive side orange wire.



If you want to use the pedal with a normal PSA Boss Style adaptor place a jumper between wires 4 and 5 as indicated here

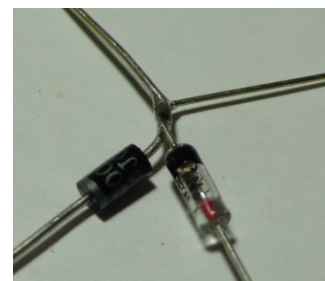
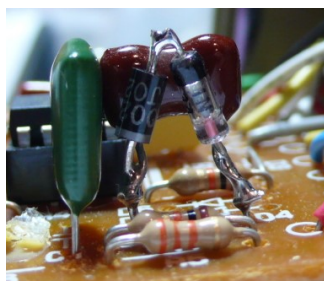


Sort out the parts for the mod. I recommend putting the socket in for the Op-amp. If you are careful with removing the original you can still use it and you will be able to swap out different op-amps in a heartbeat. None of the resistors or caps are polarized so they can be inserted either direction. The op-amp must be inserted as shown in the photo on the next page. There is usually a dot next to pin one of any op-amp and there is also a notch indicating direction. For the Diodes the arrow on the board points to the side that the band is closest to. The mods require two diodes in series where there was only one before. See the photo below for how to wire this up. The filter caps are inserted with the negative side (short lead) closest to the dot by the caps C17 and C9

Use care when removing the old components, use a solder sucker and de-soldering braid and never force a component out of the board. This could damage the solder pads on the board.

Use the diagram on the next page to help you identify the location of the components.

See the detailed photo's below on how to wire up D5 on the circuit board, there is a 1n34 and 4001 in series with the mica cap in parallel to both.



Your circuit board may or may not have the component numbers listed on the board, use the diagram below to see what components are being changed/removed.

