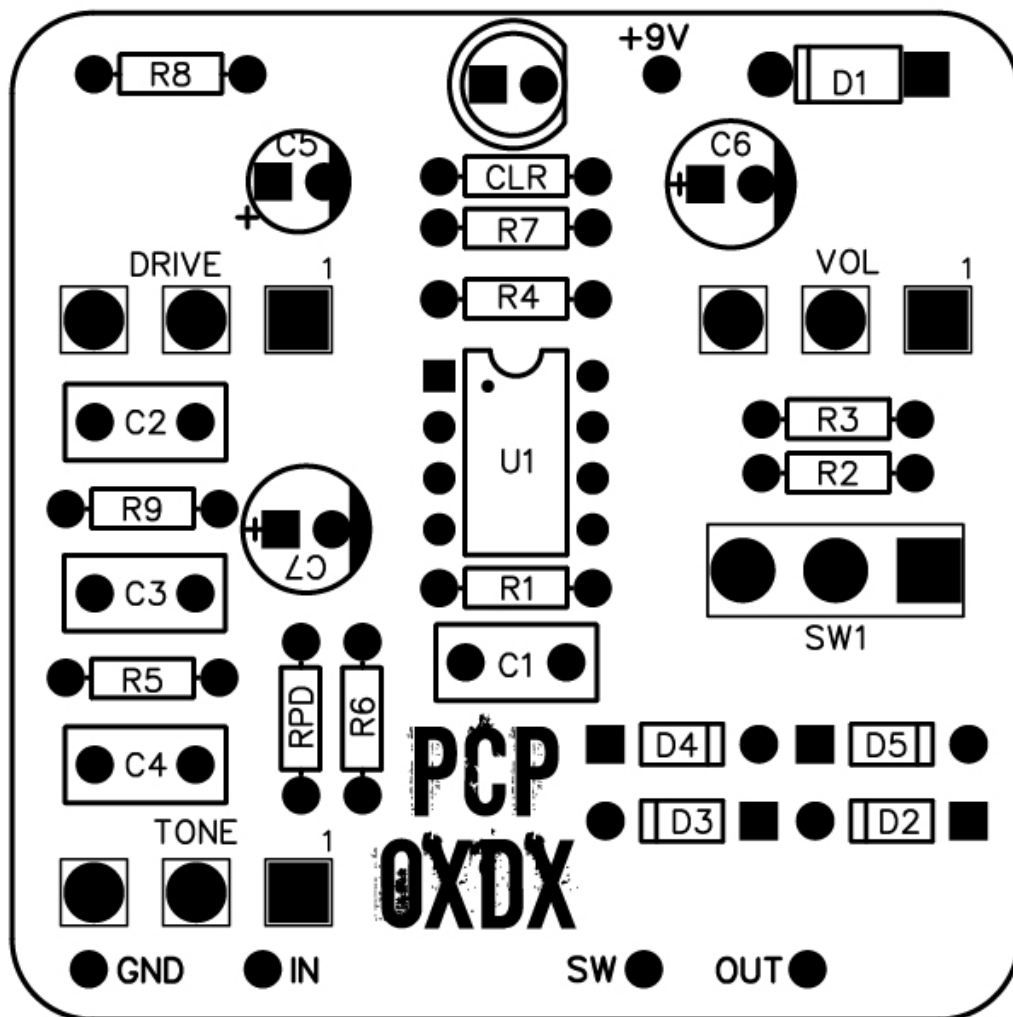# POST CULTURE PEDALS
OXDX OVERDRIVE

postculturepedals.com

Parts

Resistors:
1 330ohm - R5 (orange, orange, black, black, brown)
1 390ohm - R7 (orange, white, black, black, brown)
3 1k - R2, R4, R6 (brown, black, black, brown, brown)
1 6.8k - CLR (blue, grey, black, brown, brown)
3 10k - R3, R8, R9 (brown, black, black, red, brown)
2 1meg - RDP, R1 (brown, black, black, yellow, brown)

Capacitors:
1 47nf (473) Polyfilm - C1
1 150nf (154) Polyfilm - C3
2 220nf (224) Polyfilm - C2, C4
1 10uf electrolytic - C5
2 47uf electrolytic - C6, C7

Semiconductors:
1 5mm LED - Bypass Indicator
1 3mm red LED - D5
1 1N4002 Diode - D1
2 1N914 Diodes - D3, D4
1 Jumper - D2
1 LM833
1 8 pin socket

Potentiometers:
1 A500k Audio - VOL
1 B500K Linear - DRIVE
1 B5K Linear - TONE

Hardware:
1 Enclosure
1 3PDT Footswitch
1 SPDT Toggle
2 Mono Jacks
DC jack
3 knobs
LED mount
Wire

Clipping Notes: The PCB has pads to accept up to four diodes so you can populate with whatever clipping configuration you want to try. The stock OXDX clipping is 3mm red LED in D5, 1N914 in D3 and D4, jumper the pads for D2.
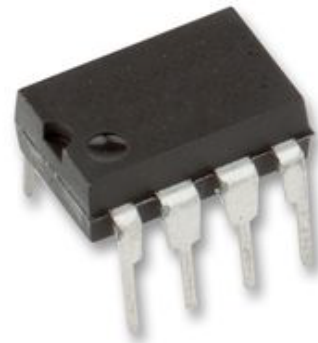
Your IC should have a notch on one end. Install the IC so the notch matches the one printed on the board. If the supplied IC does not have a notch, it will have a small dot on one corner. Install the IC so that dot is on the same end as the notch printed on the board
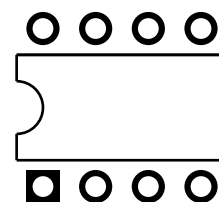
Operation

Volume is output level. Unity is around 1-2 o'clock

Drive is the amount of overdrive. Starts off fairly driven and goes to a pretty high gain saturation.

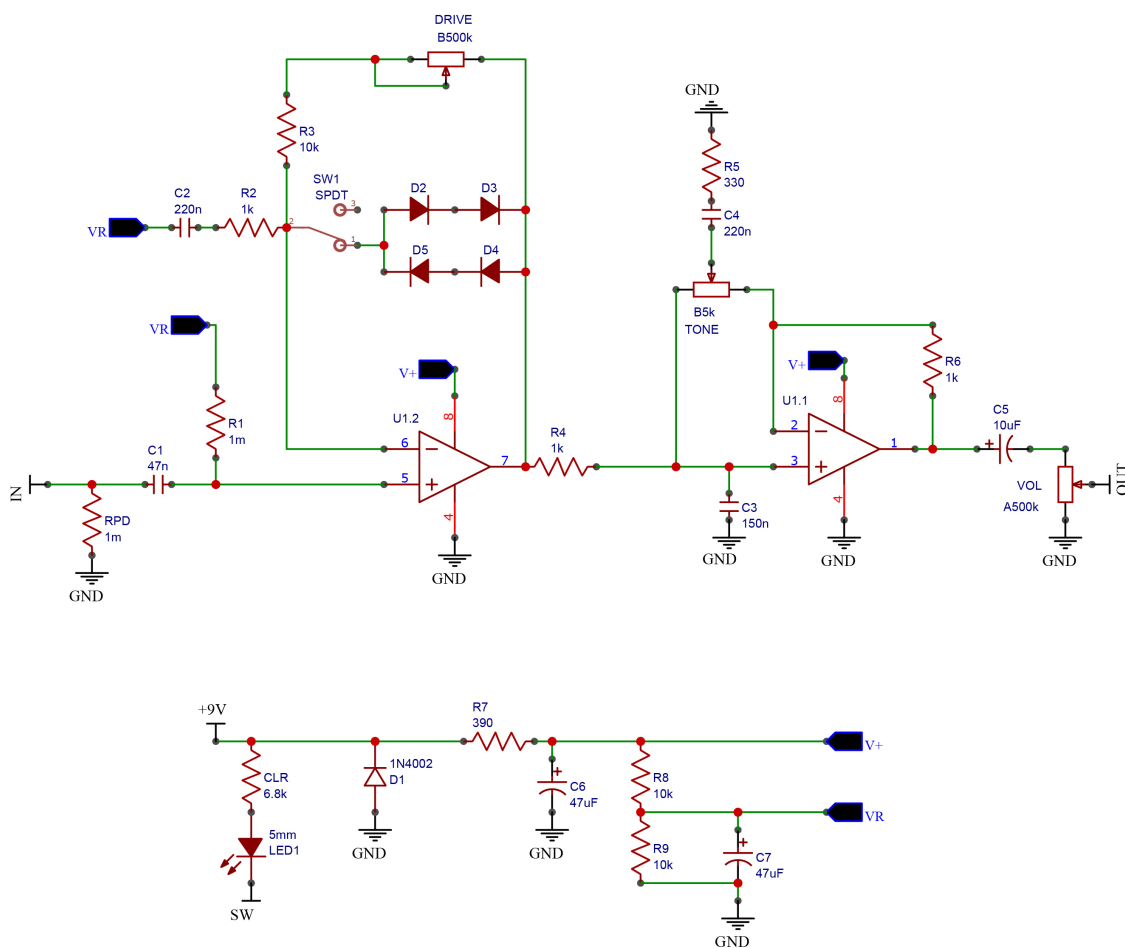Tone is an active tone control that follows a low pass filter that boosts treble.

The Clip switch changes between clipping diodes and no clipping.

Audio signal enters through the right side 1/4" jack and exits through the left side 1/4" jack.

Use a standard 9 - 18 volt negative center DC adapter.
DO NOT EXCEED 18 volts!

Current draw 10ma

1590B Drill Template

Print at 100%
Compare printed template
with PCB before drilling!

+9V

VOL   DRIVE

LIFT   CLIPPING

TONE

-OUT   IN-