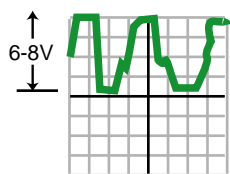
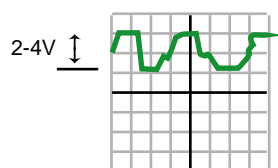


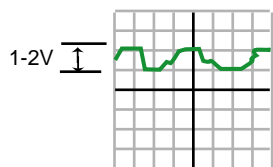
2002 Mar 9

Test 0. Power (see Tweaking Power sheet. DONT SKIP THIS STEP!!!!)**Test 1 First Red Gain Stage: Make sure pedal is not bypassed (hit stomp switch)**

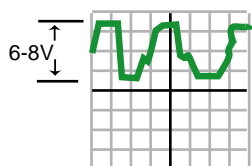
- ☺ An amplified input signal: → ☹ Check First Red Gain Stage.
- about 6V to 8V peak-to-peak
 - Peaked out (flat tops and bottoms)
 - Symmetrical → ☹ Check lower half of FRG Stage
 - Flat line when no input signal (at about 4.5V) → ☹ Try adding a 1000pF cap across pins 13 and 14 of the TL074

Test 2 - Second Red Gain Stage: Red Sustain all the way up.

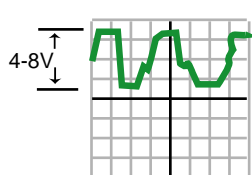
- ☺ A clipped signal:
- Centered at about 4V → ☹ Check around the two 1M's
 - Size depends on the diodes, 2V-4V is typical → ☹ Try adding a 1000pF cap across pins 13 and 14 of the TL074. Then try a 1000pF cap across pins 1 and 2.
 - Flat line when no input signal → ☹ Try adding a 1000pF cap across pins 13 and 14 of the TL074. Then try a 1000pF cap across pins 1 and 2.

Test 3 - Third Red Gain Stage: Red Sustain all the way up.

- ☺ A clipped signal:
- Centered at about 2-4V → ☹ Check around the two 1M's
 - Size depends on the diodes, 1V-2V is typical → ☹ Try adding a 1000pF cap across pins 13 and 14 of the TL074. Then try a 1000pF cap across pins 1 and 2. Then try across pins 6 and 7.
 - Flat line when no input signal → ☹ Try adding a 1000pF cap across pins 13 and 14 of the TL074. Then try a 1000pF cap across pins 1 and 2. Then try across pins 6 and 7.

Test 4 - Green Fuzz Stage: Green Fuzz all the way up.

- ☺ A clipped signal:
- 6V to 8V peak-to-peak → ☹ Check Green Fuzz Stage (check resistor values!)
 - Centered at about 4-5V → ☹ Try adding a 1000pF cap across the 100k resistor in Green Fuzz Stage
 - Flat line when no input signal → ☹ Try adding a 1000pF cap across the 100k resistor in Green Fuzz Stage

Test 5 - Output Gain Stage: Volume up, mud all the way up.

- ☺ A clipped signal:
- 4V to 8V peak-to-peak → ☹ Check Output Gain Stage
 - Centered at about 2V - 4V → ☹ Try adding a 1000pF cap across the base and collector of the transistor
 - Flat line when no input signal → ☹ Try adding a 1000pF cap across the base and collector of the transistor

Test 6 - Listening Test All knobs all the way up.

You should hear a clear distortion sound. Hit the Select Switch and the LED changes color.

When the LED is red, the Red Tone and Red Sustain are active (RS is subtle, and RT should go from bass-y to treble-y).

When the LED is green, Green Tone and Fuzz are active. (GF goes from crunch to thick fuzz. GT goes from bass-y to treble-y)

When you turn Mud down, the sound gets quieter and crackly or less sustained (may get louder at first)

Volume should cut the sound out when its down, and be loud when it's on (louder than when the pedal is in bypass).

Hit the bypass switch and the sound is clean. Hit it again and it's distorted.