

O-scope settings: 2V/div., 5mS/div

Aug22, 2001

1. **Power** (see Tweaking Power sheet. **DON'T SKIP THIS STEP!!!!**)2. **Test 1**

Self-osc: clicked off

Pregain: all the way down

Pre-clip: switched off (to where it doesn't put the diodes in circuit)

Noise gate: half way up

On/off: make sure it's on!

Scope should show little or no signal when you play a guitar

now turn pre-gain slowly up and you should see a guitar signal come into view, growing in size till it peaks out and looks sorta square wave-ish (flat tops and bottoms)



Problem somewhere between input jack and the board (including the switch)

Or around the side of the TL062 where pregain and pins 1-4 are.

Or with the pregain control

3. **Test 2**

Pregain: all the way up

Preclip: off

Self-osc: clicked off

Swash: midway

Noisegate: midway

Turn noisegate up and down and you should see the dc level of the input move up and down from ground to around 4V



Problem on or around the noisegate pot

3. **Test 3**

you should see some waveshape that responds when you turn the noisegate and swash



Problem on or around swash control, or general problem around TL062

Turn pregain all the way down for a moment and make sure that the signal shrank considerably..



General problem around this side of TL062 (pins 5-8)

Turn pregain back up all the way.

Flip pre-clip to "on"... the waveshape should shrink...



Problem on or around pre-clip control, or the diodes.

next:

turn swash, noisegate, pregain to somewhere such that getting a nice stable waveshape in the last test place