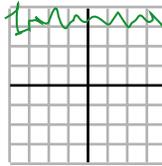


Sept 23. 2001

## ☺ **Test 3 pre-amp section**

Apply an input signal.

See this at **4** ?



input signal at about 7-8V

☹ Check to see if theres a signal at on/off 3 on the board. If so, then theres a problem with pre-amp section. Otherwise, theres a problem with inputjack or on/off switch.

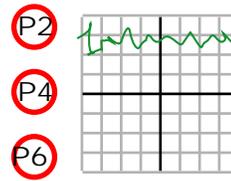
## ☺ **Test 4 phase section**

Turn ring down and apply an input signal

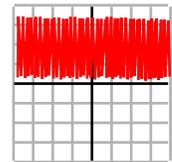
Check **P1** through **P6**



input signal at about 2-4V



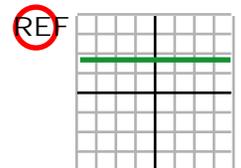
input signal at about 5.5-7.5V



if you see this then put a 1000pF cap across the P# test point and the adjacent pin on the IC

☹ When you get to a P# that's not working, then youve found the sub-section thats not working. (see the diagram, there's six subsections in the phase section)

Common problem is the solderside wire from the CdS cell to the area is not right (shorting or mis-wired). Check to see if theres a steady 4.5V at **REF**. If not, check that trace. of course, IC pin problems are at the top of the list.



steady 4.5V

## ☺ **Test 6. post-amp section**

Plug in the amp and listen as you play chords (not single notes).

Ring: down Blend: down

Speed: fast Depth: max Height: mid-way

Do you hear vibrato? (bendy sounding)

☺ Turn blend up, and it should go to a swooshy sound, instead of bendy. Now click the pedal off, the volume should stay constant. If theres any problems check the post-amp stage

☹ If you just hear plain sound (not vibrato) then try turning height up or down a bit. If you have to turn height more than an hour or two on the clock face, then you need to do Test 2 again.

If you hear nothing, then turn blend up.

Hear something now?

☺ Trace the signal from the phase section to the post-amp section

☹ Post-amp section is probably to blame, or of course the output jack or switch.