



Tips to quiet down your old Tube/solid state Wurlitzer amplifier

1. Make sure your tubes are good, this sounds obvious but your pre amp tube can cause noise.
2. Make sure tube sockets are clean.
3. Make sure your reed bar input cable is not corroded or oxidized, if so clean with file, sandpaper or spray cleaner.
4. Make sure your filter caps are not going bad, if so you will need to bridge them or replace them.
5. Make sure your grounds are clean and secure, you will find grounds in several places.
 - A. on the left hand side from your harp to the lid, make sure this has a clean connection
 - B. There is a ground from the sustain pedal to the case, make sure it is solid and clean.
 - C. I like to tie these grounds together by connecting them with a common ground wire. From the screw holding the lid ground on the left side run a ground wire around the case to the transformer, loosen a screw on the transformer and ground the wire there. Continue the wire to the sustain mechanism and ground there, continue to the speaker and ground on a speaker lug, continue to the right side of the case and ground to the lid one more time opposite side of the original. (This gives you two lid grounds connected to the sustain pedal, speaker and the transformer.)
6. Dirty and old pots will cause noise, clean them or replace them
7. The cables that run from the pots & pilot light to your amplifier are old and crusty, they fail at shielding the AC hum, replace all of them). (Or we can sell you new pre made cables)
8. Your pilot light is a source of hum, replace it with one of our L.E.D modifications, takes away AC hum and runs it on DC
9. VACUUM OUT YOUR PIANO 2-3 times till you are sure it is clean of all dust particles, remove keys before you vacuum.
10. We sell a pick up shield that is the same as used on the 200A that will quiet your piano.
11. Try Ground lift on your ac cable to lower hum
12. Tighten all ground connections on your harp, loosen them first and spray them with cleaner or clean with fine sandpaper or emery paper, then re-establish a secure ground.
13. A way to determine if your noise is coming from your amp or reed bar is by removing the reed bar input cable from your amp and listen if there is still noise, it is your amp, if it goes away it is your reed bar.
14. Make sure you do not have a ground loop going on in your room or studio. If you find you have a ground loop, try removing one or more of the grounds in the circuit and see if the hum goes away, try adding new grounds to see if that works, ground loops occur when two or more ground points come together. Make sure your grounds are tight and no oxidized.

Good luck and call us if you need anything else

Peace and Light from Vintage Vibe