



Rhodes Back Check Mod

Recommended tools for installing kit,

1. A vice to hold keys still when drilling holes.
2. A Square or Carpenters angle to mark the pitch on the side of the keys for even angles being drilled.
3. Elmer's wood glue.
4. A drill bit smaller than the size of the back check wire.
5. A small hammer to lightly tap in back checks.
6. A pencil for marking angles and center for drilling back check.

1. Remove pre amp rail
2. Look inside at the hammers, hit a key and watch how the hammer bounces once it comes down after striking the tine, causing noise, compromised action and dampening.
3. Take out the 2nd, 3rd, 4th key. Take a back check and by hand find the best angle in which it rests on the first keys hammer. Once you determine the right angle, mark the angle on the side of the key with your pencil.
4. Do the same thing with the opposite end, the treble end. Remove 70, 71, 72 and mark the angle and center position for 73.
5. Remove key # 1 and 73 and carefully put your keys in the vice one at a time if you have one, if not on a table with a clamp. This insures stability when drilling.
6. You have already marked the angle on the side of the key, now with your drill and drill bit that is slightly smaller then the back checks wires, pre drill the hole. Make sure your hole is dead center of the key, if it is not it could interfere with the adjacent key movement.
7. Place the back check in the angled hole, do this for both keys.
8. Install them back into the Rhodes and test them out.
9. If for some reason it is not perfect but close it can be fixed by bending the back check wire in the direction it needs to go, they are somewhat flexible.
10. If all is good remove the rest of the keys in order.
11. With your carpenters square or angle, mark on the square, the set degree or angle and use it on every key for consistency.
12. Set all keys in an even line, exactly even; use a board or something to ensure the straight edge. Now mark a line from the center of key #1 where you determined the proper placement of the back check was to the center of key #73. This will be your line on the top of the keys to drill at, again always drill the center of the key.
13. Once your straight edge is in place and your side angles are all marked evenly across the keys, you may start drilling. Do 5 at a time and check your steps as you

go along, remember to put a dab of glue in the hole before you put in your back checks. Call us if you have any questions.