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Pad Leveling

Saxophone:

Init:

- Select pads and resonators
- Install resonators on pads
- Apply shellac to pads
- Heat key cups and install all pads
 - clean up excess shellac
- Assemble top and bottom stack, side Bb & C, Alt F#, and Octave Mechanism
 - Clean and lubricate rods
 - Apply grease to pivot screw key ends
- Check for gross key height difference.
- Level top stack pads
 - Check that timing is under adjusted (back out adjustment screws if necessary)
 - Check for gross key height differences
 - Level pads
 - Clean up excess shellac
- Level bottom stack pads
 - Check that timing is under adjusted (back out adjustment screws if necessary)
 - Check for gross key height differences
 - Level pads
 - Clean up excess shellac
- Assemble Low C#, Low Eb, and Low C
 - Clean and lubricate rods
 - Apply grease to pivot screw key ends
 - Level all pads
 - Clean up excess shellac
- Assemble Low B and Bb
 - Clean and lubricate rods
 - Apply grease to pivot screw key ends
 - Level all pads
 - Clean up excess shellac
 - Check timing on LH table
- Assemble Palm Keys
 - Clean and lubricate rods
 - Apply grease to pivot screw key ends
 - Level all pads
 - Clean up excess shellac
- Remove palm keys
 - Go through top and bottom stack pads for leaks
 - Go through remaining pads for leaks
- Reassemble palm keys
 - Check for leaks
- Regulate C to B & A by bending backbar

- Regulate F# to F & E by bending backbar