

Minor Instrument Repairs and Preventative Maintenance for the Director

1. Let's discuss being safer in today's environment with some cleaning habits.

- a. Ideas for "Slime Away" and other related products for removing lime deposits and scale that hold germs.
- b. Bulk cleaning brass and woodwind mouthpieces with Mi-T-Mist after removing lime deposits and scale.
- c. General wipe down for any plastic or metal instrument or instrument case with denatured alcohol.

2. Preventative maintenance for woodwind instruments.

- a. Fighting friction with pivot screws and hinge rods. {THE MOST COMMON PROBLEM FOR WOODWINDS}.
- b. Using Loctite on loose headless pivot points.
- c. HW pad savers for pad longevity

3. Preventative maintenance for brass instruments

- a. Straightening mouthpiece shank with mouthpiece truing tool to help prevent stuck mouthpieces
- b. Let's talk about the number one culprit for stuck mouthpieces, sticky valves and slides.
- c. Swab out the trombone slide with trombone cleaning rod and WD 40

4. Minor brass instrument repairs

- a. Removing frozen valve caps on ALL brass instruments
- b. Removing stuck mouthpieces
- c. Removing frozen slides with the mouthpiece truing tool you have
- d. Lapping valves with the ultra-fine lapping compound
- e. The correct way to replace water corks with your feeler gauge

5. Minor woodwind repairs

- a. Checking for leaks with your feeler gauge
- b. Replacing a clarinet pad
- c. Inspecting and adjusting the crow's foot on the B/C adjustment on clarinet
- d. Inspecting and adjusting the flute
- e. The most common problem with alto and tenor saxophones

Today's Tools & Supplies

1. Lowes work buckets
2. Lowes work bucket lids
3. Slime Away or Tesch Classic Brass
4. Dawn dish soap
5. Mi-T-Mist 32 oz.
6. Denatured alcohol gallon
7. Key oil
8. Woodwind screw drivers
9. Loctite BLUE
10. HW pad savers
11. Mouthpiece truing tool
12. Dent hammer or rawhide mallet
13. Hetman valve oil
14. Schilke slide grease
15. Mouthpiece puller
16. Ultra-fine lapping compound
17. Feeler gauge
18. Assortment of water corks
19. Micro torch
20. Assortment of clarinet pads
21. Duck bill pliers
22. Trombone cleaning rod
23. WD-40
24. Bench vise
25. Lowes 24 pack of towels

Brass and woodwind tool and supply companies

<https://www.votawtool.com/>

<https://www.ferreestoolsinc.com/>

<https://www.jlsmithco.com/>