

# Trumpet, Cornet, and Flugelhorn Maintenance

## Caring for Your Instrument

The following care is recommended to extend the life and maintain the quality of your instrument.

Take extra care to prevent exposure to sudden changes in temperature and humidity. Avoid direct, extended exposure to:

- Sunlight
- Rain
- Heaters
- Air Conditioners

Remove all moisture after you have finished playing.

Refer to Caring for the Interior of your Instrument for detailed instructions.

## Assembling Your Instrument

Assemble, tune, clean and lubricate your instrument for the first time under the guidance of your teacher.

### *Inserting the Mouthpiece*

The mouthpiece and mouthpiece receiver are easily damaged by improper assembly. Insert the mouthpiece into the receiver, giving it a slight twist to secure it. Never force a mouthpiece into place, as it may become stuck. If this should happen, take the horn to your local dealer or band director to have it removed, they will have a special tool to remove stuck mouthpieces.

**Never use pliers or other gripping tools to remove a stuck mouthpiece.**

## Tuning Your Instrument



- Pitch is affected by temperature, so be sure to warm up your instrument before playing by blowing air through it.



- To tune trumpets and cornets, adjust the tuning slide until you achieve the desired pitch. (For flugelhorns, the mouthpipe acts as a tuning slide.)

### *Caring for Valves and Valve Casings*

The valves and valve casings are very important parts of your instrument. Take extra care not to bend or scratch them. These steps should be followed before and after each use of the instrument.

### **Applying Oil to the Valves**

- Unscrew the top valve cap from the valve casing.
- Pull out the valve in a straight line-do not twist.
- Apply valve oil (YAC 0900P), coating the entire valve.

- Place the valve carefully back into the proper casing, aligning the valve guide with the guide slot. Tighten the top valve cap. Move up and down to ensure even oil coating over the entire surface. If there is any damage to the valves or valve casings, take your instrument to your dealer for repair.



### ***Caring for the Slides***

Slide grease (YAC 1011P) keeps slides airtight and maintains smooth movement. It is an essential factor in the care of your horn. It is important to check your slides each time you play your instrument.

### ***Applying Slide Grease***

- Remove slide while pressing the corresponding piston.
- Wipe any dirt from the surface of the inner slides. Apply a small amount of slide grease evenly around the slide tube.
- Replace the slide, working it in to ensure that the grease is thoroughly and evenly spread.

Yamaha tuning slide oil (YAC 1016P) is recommended for instrument and cornet 1st and 3rd tuning slides. If there is any damage to the slides, take your instrument to your dealer for repair.



### ***Cleaning the Water Keys***

A tone hole cleaner (YAC 1049P) may be used to clean and dry the water keys.

### ***Cleaning the Mouthpiece***

- Soak the mouthpiece in a solution of warm soapy water. Using a brass mouthpiece brush (YAC 1084P), scrub the inside and outside.
- Rinse thoroughly with clean, warm water.

## **Caring for the Exterior of Your Instrument**

Make sure to use a polishing cloth (YAC 1099P) to remove dust and fingerprints after you play.

## **Storing the Instrument**



Always use your case for storing the instrument after playing and for transporting. Be sure the mouthpiece and other accessories are secured tightly, as they can scratch and dent your horn if they come loose during transportation. Do not put anything in the case that could place pressure on the instrument. **To keep your instrument in optimum playing condition, have it professionally cleaned and inspected by a qualified repair technician annually.**