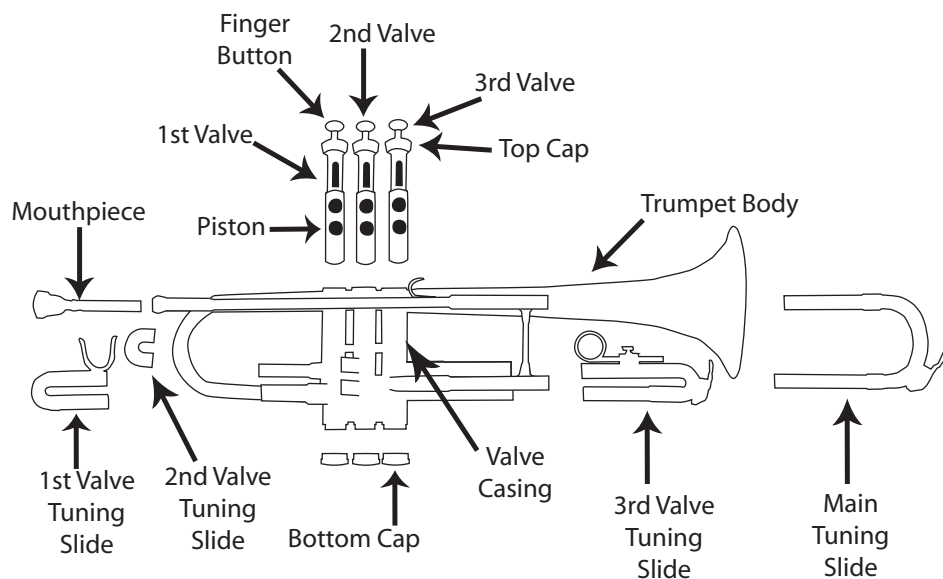


Palatino

Wind Instruments

Identifying the Trumpet Parts

Below is an illustration of a trumpet that has been taken apart. Please use this diagram to identify and name the various parts of the trumpet. This will help you with the setup of the trumpet and will allow you to better understand how your instrument works.



How to Setup a Palatino Trumpet to Play

Oiling and Cleaning

The first step in setting up a trumpet is to clean and oil the valves. To do this, unscrew the top cap of the first valve. Then carefully remove the piston inside and place it off to the side on a soft towel. Unscrew the bottom cap of the first valve and place it on the towel as well. Repeat with the second and third valves. Remove the main tuning slide and the tuning slides for each individual valve. Then place these slides off to the side on the towel.

Rinse the trumpet body, inside and outside, with mildly soapy distilled water (not tap water), making especially sure to thoroughly clean inside the valve casing to remove any residual metal fillings from manufacturing. Rinse away the soap with regular distilled water. Dry the outside of the trumpet by patting it down with a soft towel and then polish away any water marks with a soft, dry cloth. Next, wash the silver pistons, bottom valve caps, and tuning slides (inside and outside) with soapy distilled water. Avoid getting the felt and/or cork on the finger buttons wet. Rinse with regular distilled water and allow the valves, tuning slides, and inside of the trumpet to completely air-dry before reassembly.

When all the parts are dry, screw the bottom valve caps back on. Apply several drops of valve oil to the inside valve casing and the piston valve. Return the piston to the casing by lining up the notch inside the valve casing with the plastic runner at the bottom of the spring on the piston. If necessary, slowly turn the valve until it clicks into place. Replace and tighten the top cap. Repeat these steps with the two other valves and pistons but be sure to put them back in their regular places. The trumpet will not play correctly if the valves aren't in their original positions.

Before replacing the tuning slides you will need to lubricate the unfinished sections of the tubing. Use a light slide grease or valve oil on the 1st and 3rd valve tuning slides. Use a thicker slide grease or petroleum jelly on the 2nd valve tuning slide and main tuning slide. Finally, replace the tuning slides into their original positions.

Inserting the Mouthpiece

Before the trumpet is ready to play the mouthpiece must first be installed. This is a simple step but make sure to GENTLY slide the mouthpiece into the receiver. Then twist it lightly to the right to make sure it is seated correctly. Do not force the mouthpiece in with a palm or fist as it will make the mouthpiece stick and very difficult to remove. You will want to take the mouthpiece out for daily cleaning as well as for storing the trumpet in its case.

Tuning

Trumpets are normally built a bit sharp when it comes to tuning. To get the trumpet to be tuned correctly, pull out the main tuning slide about a 1/4 to a 1/2 of an inch. The trumpet can be fine tuned further by slightly pushing or pulling this same tuning slide to match other instruments in group situations.

Trumpet Maintenance

To prevent sticky valves and sticky tuning slides, the trumpet must be regularly maintained. Oil the piston valves daily and grease the slides weekly. Once a month, perform the "Oiling and Cleaning" routine described above.