



OWNER INSTRUCTIONS

Serial Number

The serial number of your instrument (or valve section) is located on the brass saddle opposite the F valve-lever spring.

Greenhoe Valve Lubrication

Greenhoe valves are hand fitted with the utmost care to the closest tolerance possible. Proper care and lubrication is absolutely vital in maintaining the valve at a peak level of performance.

It is important to remember that proper lubrication not only benefits the functionality of the rotor but also helps to reduce oxidation through coating the valve surface, thus excluding direct moisture and oxygen contact. All valve sections and trombones are shipped with the valve lubricants and hex wrenches needed to properly maintain your instrument.

We highly recommend that you DO NOT DISSASSEMBLE THE VALVE YOURSELF. Because of the precision of manufacture, the valve should only be disassembled by a technician, preferably a member of the Greenhoe staff.

Recommended Steps for Greenhoe Valve Lubrication

1. Holding the bell section vertically with the bell pointing up, push the valve lever half way down.
2. Drop 8 to 10 drops of light rotor oil into the hand slide receiver, then activate the lever several times . This distributes the oil evenly over the rotor contact surfaces.
3. Apply 1 to 2 drops of light bearing oil on the valve spindle at the gap between the valve casing and rotor stop arm. Then remove the valve cap and apply 1 or 2 drops (maximum) to the back bearing. This is the small circle that moves when you press the valve.

This procedure should be performed once a week when playing the instrument regularly. If you know that the instrument will be unused for an extended period, oiling the valve prior to storage will help to ensure its functionality.

Recommended Valve Lubricants

We recommend the use of Hetman Synthetic Oils, specifically:

- #11 Light Rotor Oil
- #13 Light Bearing and Linkage Oil
- #7 Tuning Slide Gel

Proper Greenhoe Handslide Lubrication

The handslide is perhaps the most delicate and most easily damaged part of any trombone. Its free and smooth operation depends on a number of factors including clean and dent free contact surfaces and adequate lubricant to maintain a viscous film on which the slide can travel.

We recommend a two step lubrication schedule to "break-in" and maintain your slide:

1. Start by using Trombotine for the break-in process.
2. Once your slide is broken-in switch to Yamaha Slide Oil (Yamaha YAC 1021P).

Tightening Hex Head Screws on Greenhoe Trombones

Hex wrenches are included with your Greenhoe valve section, Optimized Trombone or Greenhoe trombone in order to tighten any screws that may have loosened through normal usage and to enable trombonists to adjust the 2nd valve paddle on double valve sections.

3/32 in. Hex Wrench

Tightens stop arm screws on your Greenhoe valve and lever hinge pin (tenor and bass)

2mm Hex Wrench

Adjusts 2nd valve paddle on basses and double valve tenors