

*T*hank you for choosing Yamaha. We prepared this owner's manual to inform you on how to properly care for your trombone.

Inside you will see examples of what you should do to help keep your trombone playing correctly and sounding its best.



## ***Caring for Your Trombone***

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

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 Trombone* on page 4 for detailed instructions.

## ***Assembling Your Trombone***

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

- Insert the slide section into the bell section. The slide should be to the right of the bell at a 90° angle. The bell and slide should not make contact.



- Tighten the bell lock to secure the sections together.
- Always hold your trombone by the slide brace while resting and make sure the

slide lock is locked when the trombone is not in use.

### ***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 Trombone*



- Pitch is affected by temperature, so be sure to warm up your instrument before playing by blowing air through it.
- Tuning your trombone is done by adjusting the tuning slide until you achieve the desired pitch.

## *Care for the Interior of Your Trombone*

### *Lubricating the Hand Slide*

- Carefully remove the outer slide and lay it on a clean, flat surface.
- Wipe inner slide clean of old cream, dirt, and foreign substances.
- Apply a small amount of Yamaha slide cream (YAC 1020P) to the stocking of the inner slides (the part that is slightly thicker than the rest). Spread evenly, until it is coated with a thin film. Do not apply too much slide cream as this will hinder the movement of the slides.
- Use a Yamaha trombone spray bottle (YAC 1670P) to spray water evenly over the inner slides. (Note: Yamaha liquid cream (YAC 1005P) may be used instead of slide cream and water. Apply in the same manner, spreading a thin, even film over the stocking of the inner slides.)
- Replace the outer slide, moving it back and forth to spread the lubricant evenly.



### ***Lubricating the Tuning Slide***

Yamaha slide grease (YAC 1011P) keeps slides airtight and maintains smooth movement. It is an essential factor in the care of your horn. To apply slide grease:

- Remove each tuning slide and wipe clean of dirt and foreign substances.
- Apply a thin coating of slide grease to the inner slide surfaces. Replace the slide, working it in to ensure that the grease is evenly and thoroughly spread.



### ***Oiling the Rotary Valve (when applicable)***

The rotary valve must be oiled prior to assembly of the trombone.

- Remove the complete hand slide assembly and place it on a clean, even surface.
- Hold bell section with the bell pointed up.
- Place a few drops of Yamaha rotor oil (YAC 1002P) into the slide receiver.
- Depress lever to activate the rotary valve, spreading the oil evenly on the rotor and casing.



- Apply a few drops of Yamaha rotor spindle oil (YAC 1013P) to the rotor stem, directly between the stop arm and the top of the casing.
- Carefully remove valve cap and apply a few drops of rotor spindle oil to the bearings. Activate rotor and replace the cap.
- Apply a drop of Yamaha lever oil (YAC1014P) to each linkage of the lever assembly.

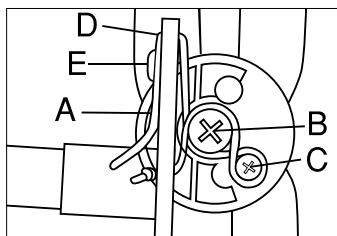
*NOTE: Do not remove the rotary valve. This should be done only by a qualified repair technician during periodic maintenance.*

**Restringing the Rotary Valve (when applicable)**

*NOTE: Only use string designed specifically for rotary valves. (YAC 080000)*

You will need a small screwdriver, scissors and rotary string to restring your valves. Please follow these directions carefully:

- Lay the bell section of the trombone flat, with bell pointing toward you. Inner components should appear as in illustration shown below.



- Loosen screws (C) and (E) with small screwdriver. Cut a piece of string approximately nine inches long and tie a knot in one end. Begin by threading the string through the hole at bottom of rod (A). Start from the outside of the rod and thread toward the valve. The knot must provide a stop at the hole.
- With the stop arm (B) to the right of rod (A), bring the string around the top of the rotor stem in a clockwise direction, then loop the string entirely around the small screw (C) in a counter-clockwise direction.
- Continue around the bottom of the stop arm (B) to the hole (D) near the top of the rod. Thread the string through this hole and loop it under the head of the small screw (E) on the rod in a clockwise direction.
- Now pull the string fairly taut so that no lost motion occurs when depressing the trigger lever. Tighten screw (E) enough to hold the lever in place.
- Position the lever so the string rod is parallel to the rotor casing top.
- Tighten the string screw (C).

### ***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.

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

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

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

For daily care, use a Yamaha polishing cloth (YAC 1099P) to remove dust and fingerprints.

### ***Storing the Instrument***

The case should always be used for storing the instrument after playing and transporting. Be sure the mouthpiece and other accessories are secured tightly, as they can scratch and dent your horn if they fall 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.*



Yamaha accessories for trombone are the perfect companions for your instrument.

Many of our accessories are designed to keep your instrument playing and sounding wonderfully, while others make practicing and performing easier and more enjoyable.

Please visit your local Yamaha dealer to purchase or order any of the following high-quality products.

Visit us on the web at  
[www.yamaha.com/band](http://www.yamaha.com/band)

## Accessories



- Trombone Maintenance Kit  
**YAC 1035**  
 (w/Slide Cream)  
**YAC 1036**  
 (w/Liquid Cream)  
**YAC 1036S**  
 (Silver)



- Trombone Handstrap  
**YAC 1535P**



- Chromatic Tuners  
**TD-1**  
**TD-2**  
**TD-10**  
**TD-20**



- Metronome  
 Available in Black, Blue, Gray or Pink  
**ME-100**



- Brass Mouthpieces  
**Standard Series**  
**Replica Series**  
**Signature Series**  
**Gold-Plated Series**





• Replacement Trombone Cases

- YAC SLC-35V
- YAC SLC-69M
- YAC SLC-350
- YAC SLC-871
- YAC SLC-52
- YAC BLC-32
- YAC SLC-68
- YAC BLC-60
- YAC SLC-68B
- YAC BLC-60H

• Gig Bags  
YAC 1375P-Small  
YAC 1378P-Large



• Yamaha Music Stand  
MS-300AL

• Silent Brass Mute  
PM-5



***Additional Accessories***

- Brass Mouthpiece Brush YAC 1084P
- Brass Soap YAC 1062P
- Flexible Cleaning Rod - Large YAC 1078P
- Lacquer Polish YAC 1060P
- Lever Oil YAC 1014P
- Liquid Cream YAC 1005P
- Polishing Cloth YAC 1099P
- Rotor Oil YAC 1002P
- Rotor Spindle Oil YAC 1013P
- Rotor String YAC 080000
- Slide Cream YAC 1020P
- Slide Grease YAC 1011P
- Spray Bottle YAC 1670P
- Tone Hole Cleaner YAC 1049P
- Trombone Cleaning Rod YAC 1665P