

## Caring for your Instrument & Bow

### Instrument care

- Always store and use the instrument at room temperature.
- Use a humidifier or the Planet Waves Two-Way Humidification System to avoid damage caused by humidity variations.
- After each playing session, use a soft cloth to remove rosin residue from the instrument.
- Keep the instrument safely inside its case when not in use.
- Strings should be replaced regularly to assure the best tone and response.
- Always refer any repairs to a qualified string instrument repair technician or luthier.



Humidify



Clean

### Bow Care & Rosin

- Avoid handling the bow hair directly with your fingers.
- Tighten the bow hair using the metal screw at the frog end of the stick, turning clockwise several turns.
- Do not tighten the bow too much. The stick of the bow should curve toward the hair.
- Always loosen the bow when you finish playing and for storage.
- Never use the bow to hit or tap anything.
- Bow hair wears out and needs to be replaced about once per year by your instrument dealer.
- Bow hair requires rosin. The best performing rosins are made of natural materials, formulated to a fine grain.
- Apply rosin by rubbing the rosin cake along the full length of the bow hair using 6 to 8 long strokes.
- Rosin will melt if it gets too hot. Do not store it where the temperature will exceed 100 degrees F.



Apply rosin

## Installing & Tuning Your Strings

### 1 Preparation

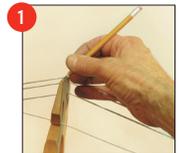
1. Assemble replacement strings, a pencil, and a tuner, plus a string winder (optional).
2. Check to ensure the bridge is straight and doesn't lean over throughout this process.

### 2 Remove The Old Strings

1. If changing multiple strings, only remove one string at a time (the bridge could fall or move if all four strings are released).
2. Lay the bass on its back.
3. Loosen the strings by moving the tuning handle clockwise (a string winder can speed this up), and gently thread the string through the tailpiece to remove it.

### 3 Install The New String

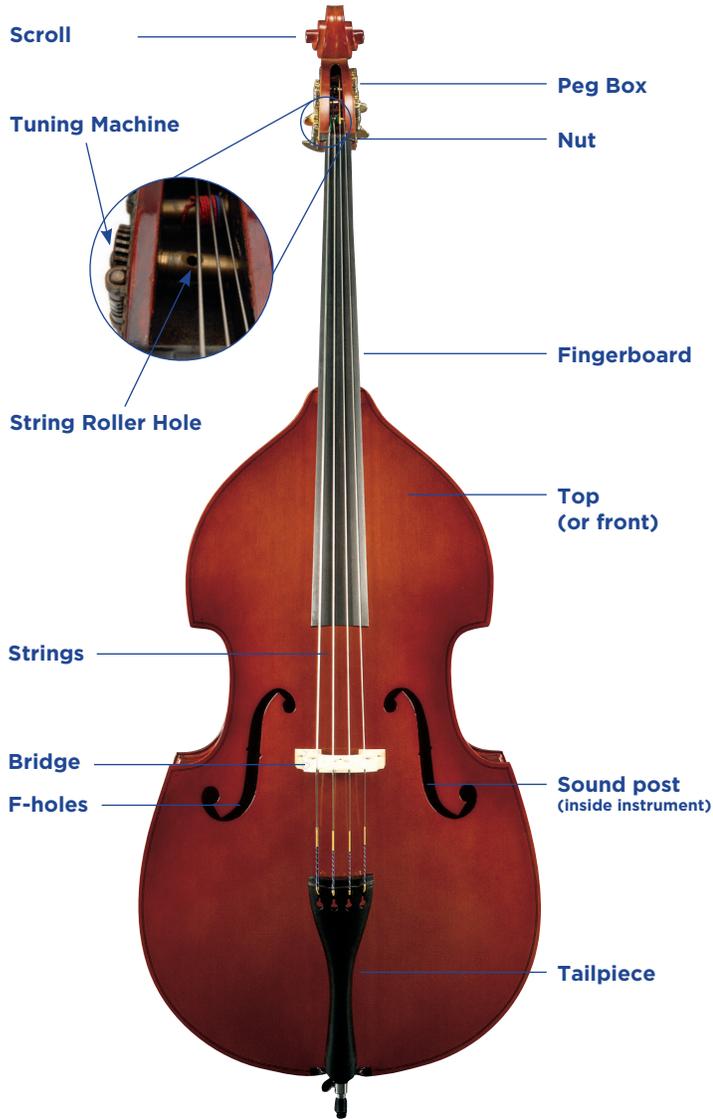
1. Color in the empty string grooves of the bridge and nut with graphite (pencil lead).
2. Thread the ball-end of the new string through the tailpiece hole, catching the ball-end in the narrow part of the slot.
3. Insert the opposite end of the string into the hole in the peg, pulling 3" of it through the hole. Twist the 3" of string around the string segment on the opposite side of the peg.
4. By hand or with a string winder, begin twisting the peg counterclockwise, tightening the string.
5. As the string tightens, allow it to cross over itself to prevent slipping around the peg. Don't allow the string to pinch against the peg box wall.
6. Using the tuner, slowly and carefully tighten the string until you reach the target pitch. Don't go above the target pitch by more than a whole step, or the string could break. Repeat these steps for the other strings.



### STRING DURABILITY

*String deterioration occurs as a result of both normal use and corrosion. Any string's tone will naturally degrade over time. Strings should be replaced regularly rather than waiting for them to break.*

# Parts of the Instrument



## FOR MORE INFO CHECK OUT OUR SITE

[www.daddario.com/orchestral](http://www.daddario.com/orchestral)

Learn more about all the innovative D'Addario products available for your instrument, along with information on artists, events, and more.

# Selecting the Proper Strings

Bass playing encompasses many styles, each with different performance requirements. Bass strings are often crafted using a stranded steel core for flexibility and response. Design variations create strings suitable to all styles of performance.



### Prelude™ Bass Strings

An ideal choice for beginners, Prelude double bass strings have an optimized design for developing students, and a clear, warm tone. They are easily playable for beginning bassists due to a unique damping technique, and are an economical option for all players.



### Helicore™ Bass Strings

Helicore multi-stranded steel core strings produce a warm and clear sound with excellent pitch stability and short break-in time. They have a small diameter allowing extremely quick bow response.

Available In: Orchestral, Pizzicato, Hybrid, and Solo.



### Zyex® Bass Strings

Zyex strings are crafted with Zyex synthetic core material, providing the string with excellent pitch stability, fast break-in time, and a tone close to gut in density and richness.



### Kaplan™ Bass Strings

Kaplan strings are aimed at the most discerning musicians, providing a rich tone with quick playability. They provide clarity and warmth across registers, and versatility throughout the dynamic spectrum, allowing top-level players the control, expression, and worry-free playing experience they demand.

Available In: Orchestral and Solo