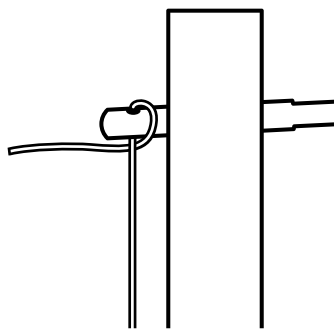
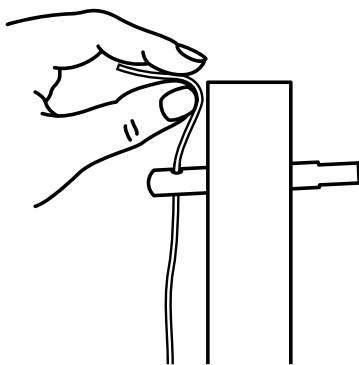


Installing the New String

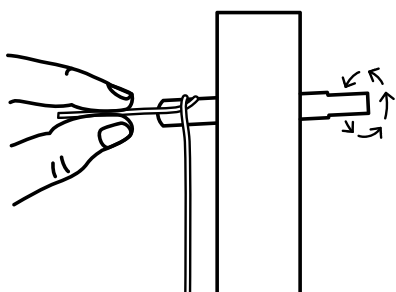
If it is long enough, insert the string **DOWN** through the soundboard before tying the knot.

1. Insert the string through the soundboard and tie the knot (see previous page for instructions)
2. Pull the string up until the knot is against the back of the soundboard
3. If you have threaded tuning pins, turn the tuning pin counterclockwise 3-5 rounds to loosen (if you don't know if they are threaded, go ahead and do it to be safe)
4. Turn the tuning pin so the hole is vertical (up and down)
5. Insert the end of the string up through the hole in the tuning pin
6. Insert the tail down and under the string

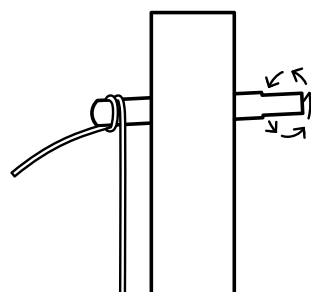


7. Move the string into correct alignment with the bridge pin and lever (copy neighboring strings)

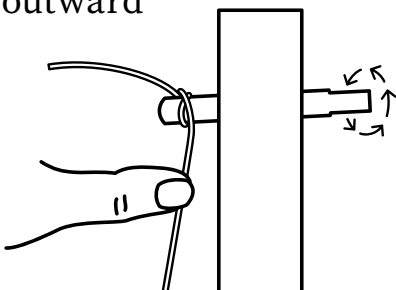
- 8.** While holding the tail with your left hand, use the tuning key to turn the tuning pin clockwise until the tail is pinned



- 9.** Release the tail and continue turning clockwise until the string has completed one full round



- 10.** Press in on the string to ensure it winds inwards towards the neck, not outward



- 11.** Rough tune the string to the note below (over tuning, or tuning too high, will result in breaking the new string!)

- 12.** Use your electronic tuner to fine tune the note

- 13.** Double check: Did the string go all the way around the tuning pin 3-4 times? If it has too few rounds, unwind it and start again with a little slack. If it has too many rounds, unwind it and pull it tighter, then do it again.
- 14.** Cut the string tail to about 1 or 2 inches with scissors or wire cutters
- 15.** Ensure the knot under the soundboard is horizontal and twist if needed
- 16.** Several days later, once the string is holding tune, cut the end as close to the tuning pin as possible
- 17.** Write down the date you changed that string and note if you need to buy a new replacement