



## Instructions for Removing the Old Strings

*A companion video can be accessed from*

[www.pianostrings.com/remove.htm](http://www.pianostrings.com/remove.htm)



### *General notes:*

*To get started with this process of installing a full set of Arledge Optimized Strings disassemble the piano enough to remove the old strings. There is no need to remove the dampers on grands.*

Go to: [www.pianostrings.com/disassembly.htm](http://www.pianostrings.com/disassembly.htm)

*A string hook, compound wire cutters and a ratchet with a tuning pin tip will be needed.*



[www.pianostrings.com/tools.htm](http://www.pianostrings.com/tools.htm)



### STEP ONE:

**Begin** by using a standard 3/8<sup>th</sup> drive ratchet with a 6" extension and star tuning tip socket. Place it securely on the lowest tuning pin. While stabilizing the extension with one hand, turn the ratchet with the other. The extension must stay aligned with the tuning pin while turning counter clockwise 3 full turns plus enough to align the tuning pin bucket hole with the path of the old string. Repeat this process on the remaining tuning pins. Even the tuning pins that are missing strings must be turned out as well. Use the same technique for both uprights and grands.

The safest way to lower the tension of the bass section is to start with the lowest #1 string, but this is not critical.

However, if replacing all the strings on the entire piano, **never lower the tension of the middle plain wire section before the bass section is relieved of tension.**

### STEP TWO:

Using a string hook remove the coils from the tuning pins. *Pull away from the plate to avoid damage to the piano. These coiled barbs can be dangerous. So, wear gloves and eye protection.*

### STEP THREE:

Using compound wire cutters cut the strings near the coils. Collect the coils and dispose of carefully.

### STEP FOUR:

Remove the old strings from the piano. *Save the original felts and string braid to use as templates for making new ones.*

With the old strings removed, move to the next step and prepare the tuning pins.

Watch the companion video for the next step: **[www.pianostings.com/prep.htm](http://www.pianostings.com/prep.htm)**