

## Artes Sensus HSH 4-14 PushPull, FR single string lockers, 2014

How to tune/change strings on a Floyd Rose II Tremolo with 1 stringlocker and how to set up the guitar.

### A. To coarse tune all the strings:



1. Release the upper three (3) string locking screws using the Allen key - see the red arrow, about a half turn so that the strings are moveable. **(Press the Allen key firmly into the screw)**

2. Screw up one of the bridge tuning pegs to its highest position. Then screw it down to a little less than half.

3. Screw the remaining bridge tuning pegs to the same position as the first you set.

4. Start by coarse tune with the tuning pegs on the guitar head. Do not forget to stretch the strings several times. Tuning in the order low E, change to high e, then A, B, D and G until you are satisfied

5. When you are satisfied with the coarse tuning, tighten the three (3) neck string locking screws using

the Allen key. Tighten the blocks so that the strings do not run thru. **(Press the Allen key firmly into the screw)**

6. Fine tuning on the tremolo bridge, with the fine tuning pegs.

### Övrigt:

The same applies if there is a single string that need to be rough tuned, loosen the 3 screws on the neck locker, and turn fully up the bridge tuning peg, and then down to less a half, coarse tune, lock the neck string locker, fine tune with the bridge string fine tuning peg.

### B. Replacement of all the strings. The method, one string at a time::

1. Release the three (3) neck string locking screws using the Allen key..



2. Screw up the low E bridge tuning peg to its highest position. Then screw it down to a little less than half.

3. Screw the remaining tuners to the same position as the first you set.

4. Start by loosening the low E string with the head tuning peg. Cut the string on the middle of its lengths. It will speed up the change of strings.

5. Pull the string back words out of the horizontal

saddle tube. Pull away the rest of the string from head machines.

6. Push the new string into the horizontal saddle tube and pull on the other side until the string end ball stops it.

7. Cut the string to the length you need to attach it three to five times around the head tuning shaft. Thread the string first through the neck string lock. **(Alternatively, you can completely remove the string lock blocks and put them back after you finished the rough tuning.)**

8. The strings must be thread according to the arrows in the picture to the left.



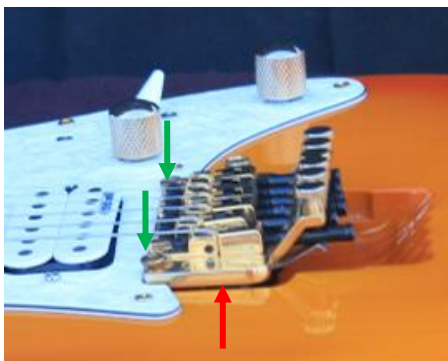
Thread thru the hole from the right, bend the string end a few centimeters straight up, and begin to wrap over of the hole - below the rolled-up string, and collect down on the shaft. Use the supplied string crank for quicker for rough tuning.

**9.** Do the same with the remaining strings, one by one. When you are finished with the low E string, replace the edge towards the high e-string, then switch to A, then B, then D, then G, until you are satisfied. Since Floyd Rose is a floating tremolo, this is considered the best method. Stretch the strings and rough tune at least two or three times before locking the neck string locker.

**10.** When your coarse tuning is complete, reinstall the neck string lock blocks and thighten them so that the strings do not slip. Then you fine tune on the bridge tuner pegs.

#### Other:

After the string changes, you should check that the bridge sustaine block is perpendicular to the strings. Sustainblock= The metalblock where the tremolo springs is attached on. You can see that block when you open the lid attached with six screws on the back of the guitar.



Keep up the guitar as shown to the left, and then eye of if the sustain block is perpendicular to the strings. See red arrow left. If you need to adjust the bridge to perpendicular position, you will see the springs go from the sustain block to a jumper at the top of the hole. You screw the two screws a few turns in or out, and check at the same time that the sustain block is in the

right angle. Repeat until you have the right angle and the guitar is coarse tuned. When you're done, lock the neck string locker and set the fine tuning on the bridge fine tuner pegs. This setup will you normally do only once and it is associated with changing dimensions of the strings.

Finally, since the Floyd Rose tremolo is floating, it sits suspended on two special screws and two knife edges, see the green arrows, and are congested ahead of the taut of the strings. These screws adjust the height of the bridge and thus the height of the strings, but the adjustments should not be made when the bridge is congested by the taut strings, you should first slacken the strings and then lower or raise the bolts with a predetermined measure.

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