

How To Adjust The Neck Of Your Voyage Air Guitar With Adjustable Truss Rod

All Voyage Air Guitars are equipped with adjustable truss rods. The purpose of a truss rod is to adjust the neck to counteract string tension. The reasons for truss rod adjustments vary and this both strengthens the neck and allows for adjustments of bowed or warped necks. Common reasons for this effect are climatic changes and changing the string gauge or tuning pitch. String tension changes can affect string height, also known as the action.

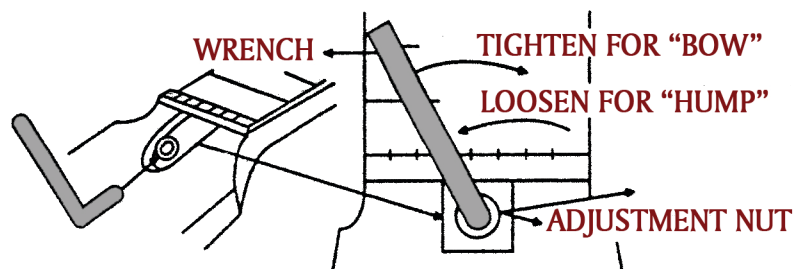


To adjust the truss rod, remove truss rod cover located on the headstock.

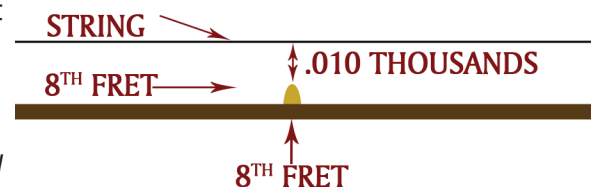


Sight DOWN the neck from the headstock in order to properly gauge the bow (pictured left above) or hump (pictured right above) the neck has taken.

Insert supplied Allen wrench (size: 5/32nds). If bowed, begin tightening (clockwise) or, if the neck has a hump, begin loosening (counterclockwise) the rod. Turn very gently at small increments and continue to check the neck as you proceed with each fraction of a turn.



Truss rod tension can also be measured by installing a capo on the first fret and holding the string at the fret where the neck joins the body. Insert a thickness gauge between the string and fret at the 8th fret. There should be about .010 clearance (app .254mm). This clearance is called "neck relief". If there is too little neck relief, there will be fret buzzing, and too much relief can cause poor intonation and a high action. If buzzing continues after the neck is straightened, additional fret lowering or filing may be required.



Please note that damage to your instrument from improper adjustments, maintenance, humidity levels, or overall care and feeding is not covered by the manufacturers warranty.