

**Continued...**

### **Truss Rod** (neck relief)

Tune guitar to pitch. While holding instrument in playing position, fret the G string at the 1st fret with your left hand, and between the 12th and 13th frets with your right hand. Observe the distance between the top of the 5th fret and the bottom of the string. This gap indicates the amount of relief (forward neck bow).

Using a 5mm allen wrench, adjust the truss rod and then check the relief until you have a gap approximately equal to an index card. Tightening the truss rod will reduce relief, loosening will increase relief. Relief is required to prevent string-on-fret buzz from the 1st to 10th frets.

Relief can be affected by changes in climate. High humidity will reduce or eliminate relief, low humidity will increase relief. The truss rod may require adjustment during seasonal changes (fall, spring), or any substantial change in climate.

### **String Heights**

Numbers represent 64ths of an inch, measured from bottom of open string to top of 12th fret, with instrument tuned to pitch and held in playing position.

<u>Model</u>	<u>Low B</u>	<u>Low E</u>	<u>A</u>	<u>D</u>	<u>G</u>	<u>B</u>	<u>High E</u>
Guitar	----	4.5	4.5	4.5	4.5	4.0	4.0
Bass	----	5.5	5.5	5.0	4.5	----	----
5-String Bass	6.5	5.5	5.5	5.0	4.5	----	----

### **Pickup Heights**

Numbers represent 32nds of an inch, measured from bottom of open strings (two outside strings) to top of pickup polepiece. Pickup height can radically change tone and volume. Be sure to experiment to suit your personal tastes.

<u>Pickup Model</u>	<u>Neck P.U.</u>		<u>Middle P.U.</u>		<u>Bridge P.U.</u>		
outside strings	----	High	Low	High	Low	High	Low
Revtron	4.0	5.0	----	----	3.5	4.5	
Humbucker	5.5	6.0	----	----	4.5	5.0	
P-90	5.5	6.0	5.0	5.5	4.5	5.0	

### **Intonation**

Tune the instrument to pitch using a high quality electronic tuner. While holding the instrument in playing position, strike an open string and check the tuning. Fret the same string at the 12th fret and check the tuning. If the note at the 12th fret is sharp move the bridge saddle back (away from the neck) by tightening the saddle screw a few turns. If the note at the 12th fret is flat move the saddle forward towards the neck. Repeat the process until the 12th fret note matches the open string note. Repeat for each string.

Tuner readings are more stable when pickup selector is set for two pickups on.

Weak tuner battery and old or damaged strings may cause inaccurate tuner readings.

### **Stringing Instructions for Wilkinson EZ-Lock Tuners**

- 1) Align the BOTTOM hole parallel with the nut.
- 2) Pull string through bottom hole. DO NOT pull snug, but just enough so it stays in place, you want some slack.
- 3) Wrap clockwise around shaft, one full wrap, plus another 1/4 wrap.
- 4) Insert string through top hole, pull tight, then pull up.
- 5) Clip end, stretch string, tune up.

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