

## Setup Cheat Sheet

**First and foremost . . . USE THE PROPER TOOLS!**

**Nut and bridge files:** Use the file that's the same, or up to a FEW 1000THS larger than string size.

Loosen your strings, then snip them with side cutters for quick removal. Measure fretboard radius at the last fret. Don't bridge the guitar too high at the headstock end!

Replace strings - Lower the pickups!

**Adjust truss rod as needed:** Capo 1st fret - guitar in playing position - press **12th fret** - Measure the gap between the 6th fret and the string. DO NOT FORCE the rod to turn! If it won't move, take it to a qualified tech! Big gap, too much relief - No gap, no relief - High in the middle, back bow. **.006-.008** optimal. Depends on how aggressively you play. **.008-.010** for acoustic - **.010-.012** for Classical

**Bridge Radius:** Use the radius gauge that matched your fretboard. File the slot on the strings that touch the gauge, until all strings touch. TAKE A LITTLE OFF AT A TIME! Just a couple swipes with the file. Recheck. Use the correct file size! File at a small angle downward toward the bridge.

You file the slot for the strings that touch the gauge! Until they all touch.

NOTE: If your guitar has height adjusters for each saddle, LIGHTLY file each slot to remove any rough edges, burrs, etc. Just a few LIGHT swipes with the file! Then use adjusters to set string height. If your saddles use rollers . . . do not file them!

**Action:** Capo 1st fret - guitar in playing position. Measure at **12th fret. E .060, e .050** Check playability. Adjust (slightly) to preference!

**The NUT:** Shoot for about **.020** on each string. Protect your guitar! Before filing, with a hard, sharp file! Use Painter's tape anywhere a tool could damage your guitar!

Slightly angle slot, higher at the active side of the nut. Angled down, slightly on the head stock side.

**Intonation: In playing position!** Be in tune! **12th fret** to start. If 12th fret note is higher (in PITCH), the string is too short! Adjust the saddle back, toward the bridge. If 12th fret is lower, the string is too long. Adjust the saddle closer to the nut! USE A TUNER!

**Pickup Height:** Capo last fret. **Neck .080** both sides to start. **Bridge .060**. Plug in. Adjust pickups, each side (E and e side) to optimum height. Balance E to e so volume is the same.

Adjust pickup to pickup and balance the volume to each other. Adjust pickup pole pieces if a string is too loud or quiet.

Wait **24** or more hours, then go over the whole setup after it all settles down from previous day's adjustments.