

Floyd Rose

TREMOLO SYSTEMS

U.S. PATENT #4, 171, 661
FOREIGN PATENTS PENDING

OPERATING AND SET-UP

STRINGING YOUR GUITAR

Distributed Exclusively By:



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OPERATING AND SET-UP INSTRUCTIONS

STRING GUITAR

STEP 1

If using standard strings, remove ball ends with wire cutters. However, we suggest using the specially designed Floyd Rose Electric Guitar Strings that eliminate having to cut off the ball ends. Fig. SG 1.

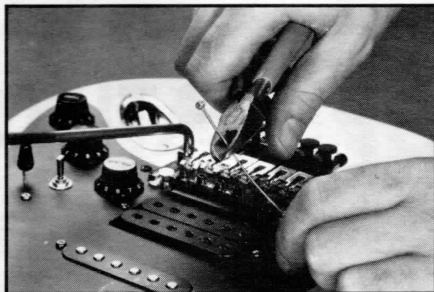


FIGURE SG 1

STEP 2

Insert string ends into their appropriate clamping saddles and clamp each string using the hex wrench provided. Fig. SG 2

*Note: Strings are loaded into clamping saddles from the **TOP**.

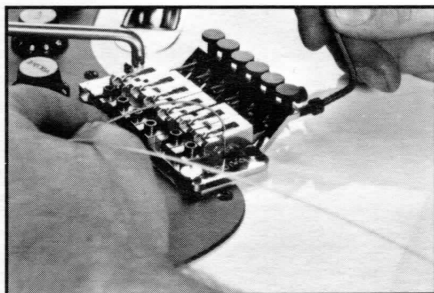


FIGURE SG 2

STEP 3

- A. Strings should pass over the nut; **under** the string retainer bar, and enter the tuning keys. Fig. SG 3 and SG. 4.

*Note: When putting on all new strings, passing strings over the nut is made easier by removing string locking elements as also seen in Fig. SG 4.

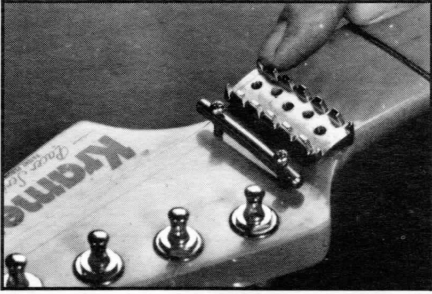


FIGURE SG 3

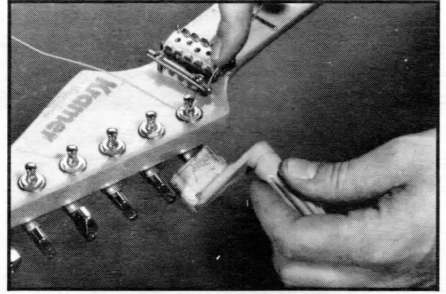


FIGURE SG 4

- B. When strings are installed replace locking elements Fig. SG 5.

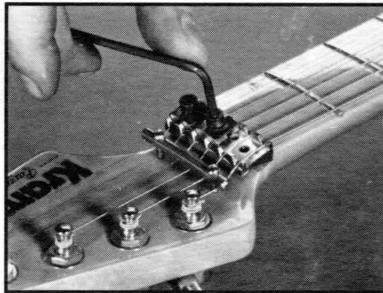


FIGURE SG 5

TUNING AND LOCKING STRINGS

STEP 4

Tune guitar.

*Note: Before locking strings read, "Set-up Instructions", "Bridge Tilt Adjustments" and "Harmonic Tuning" sections which follows.

STEP 5

Lock strings tightly at the nut using hex wrench provided. Fig. SG 6.

*Note: it is **not** necessary to stretch strings at length. One stretch on each string is sufficient.

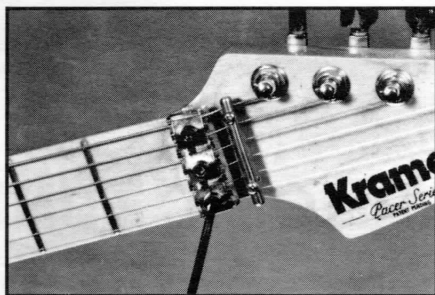


FIGURE SG 6

STEP 6

Retune strings with fine tuning thumb screws on bridge. Fig. SG 7.

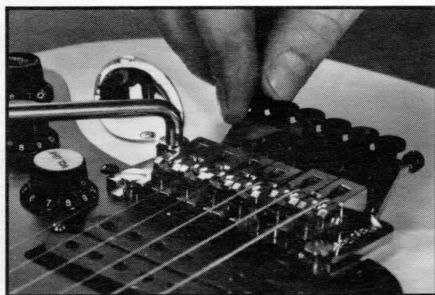


FIGURE SG 7

BRIDGE TILT ADJUSTMENT

To make the bridge baseplate hover parallel to the face of the guitar, the string tension and the spring tension must be balanced. Once strings are tuned to pitch, if the baseplate is tilting back toward the face of the guitar loosen spring claw screws Fig. BT 1 and retune strings. If the baseplate is tilting forward or away from the body tighten spring claw screws Fig. BT 1 and retune strings. This procedure should be repeated until the baseplate is parallel to the body. When bridge tilt is in desired position bridge height or string action may be adjusted by raising or lowering rocker screws Fig. BT 2. If proper string action cannot be reached with only slight adjustment of rocker screws, the neck should be removed and the neck shim altered to reset the tilt of the neck.

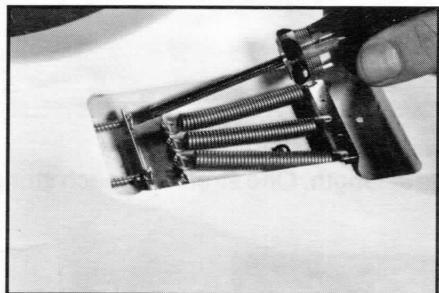


FIGURE BT 1

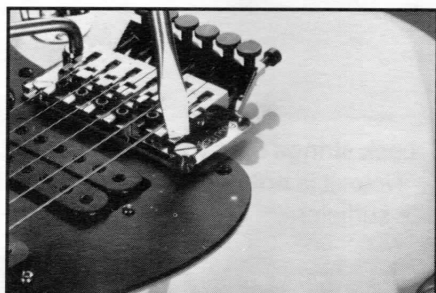


FIGURE BT 2

HARMONIC TUNING

Harmonic tuning is done by moving the bridge saddles forward or backward on the bridge. On the Floyd Rose Tremolo unit this is done by releasing the small hex screw on each saddle. Fig. HT 1. This allows the saddle to be pulled back or pushed forward by hand when string tension is loosened.

*Note: Under each saddle you will find three (3) threaded holes. This is to provide increased harmonic tuning range if needed. Once saddle has been moved to desired position, retighten hex screw Fig. HT 1 and retune string, then recheck harmonic tuning. Fig. HT 2.

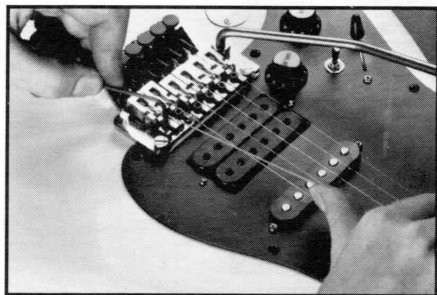


FIGURE HT 1



FIGURE HT 2

TREMOLO BAR REMOVAL AND TENSION ADJUSTMENTS

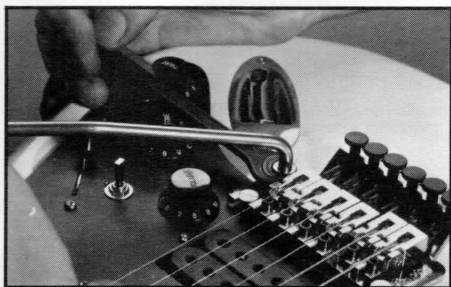
STEP 1

The tremolo bar may be removed by holding the upper nut on the "Tremolo Bar Nut Assembly" tightly with the nut wrench provided, and spinning the tremolo bar in a counter clockwise rotation by hand. Fig. TBR 1

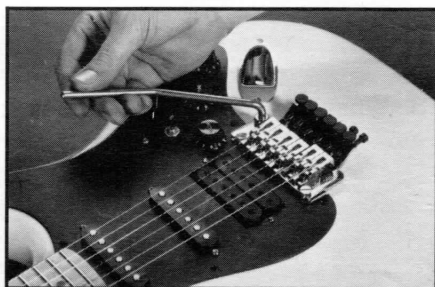
STEP 2

To replace bar, spin tremolo bar in a clockwise rotation.

*Note: When the tremolo bar has been screwed in properly and the correct tension has been achieved, the entire "tremolo bar nut assembly" will spin freely, thus not allowing the bar to tighten any further. Fig. TBR 2.



TBR 1

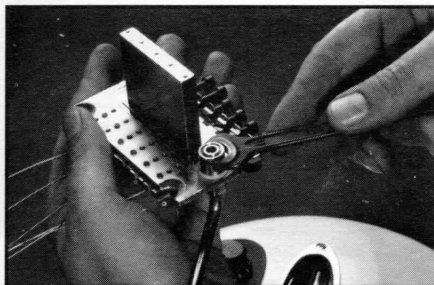


TBR 2

STEP 3

To Adjust the tremolo bar tension:

- A) Unlock clamp and loosen all guitar strings.
- B) Remove the tremolo backplate (located on the back of the guitar).



TBR 3