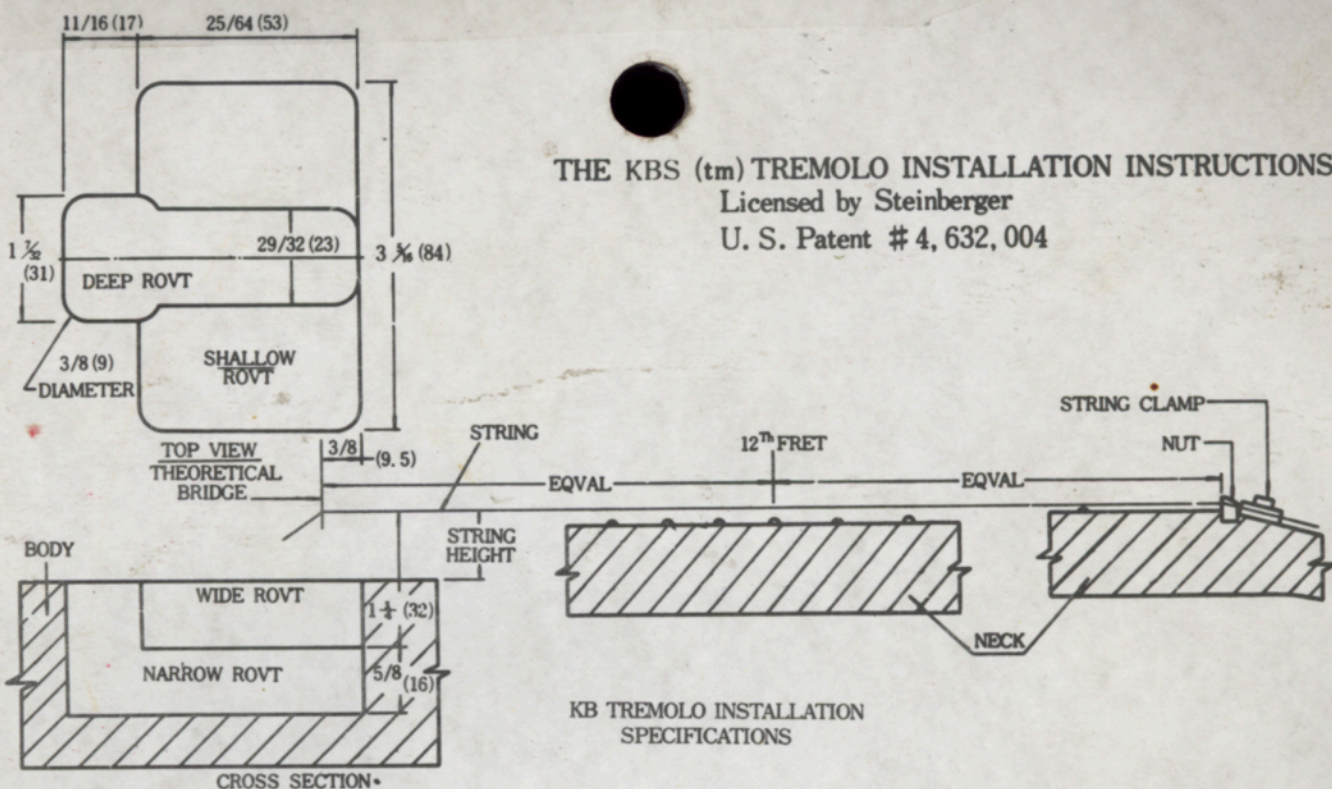


THE KBS (tm) TREMOLO INSTALLATION INSTRUCTIONS

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KB TREMOLO INSTALLATION SPECIFICATIONS

1. Before removing original bridge, measure the height of strings from top of body just in front of bridge. (Be sure strings are adjusted to normal action height.) See drawing.

2. Rout body :

A. Align front of rout $3/8$ inch (9.5mm) in front of theoretical bridge saddle position. (The theoretical bridge and the nut are equal distance from the 12th fret.) See drawing.

B. Calculate depth of large rout (11 $1/4$ inch (32mm) minus strings height above body) and cut as specified on drawings. Use $3/8$ inch or 9mm straight bit.

C. Now cut narrow, deeper rout as specified on drawing. ⊕

3. Install tremolo :

A. Loosen spring tension adjustment screw for minimum spring tension. remove top of tremolo mechanism by tilting back and up to disengage main pivot.

B. Drill four $3/32$ inch pilot holes and screw base of tremolo into body rout with the four mounting screws.

C. Snap top of tremolo back onto main pivot. Be sure that the spring is will seated in the circular depression in the lever extending down from top.

D. Engage and tighten spring lever adjustment ratchet. To engage, push lever in and rotate (clockwise to tighten, counter clockwise to loosen.) When lever rotation stops at the side of slot, simply pull lever back out to disengage, return lever to the other end of slot, push in to engage and rotate. Repeat 10-15 times or until spring feels firm.

4. Install strings :

A. Engage small locking lever (just behind tuning knobs) by pushing lever forward. This will lock tremolo in center "fixed" bridge position and prevent any movement. (With no strings on, this will require tilting tremolo forward approximately into a parallel position first, so that locking lever can engage.)

B. Thread strings under tuning knobs and into headstock clamp. Tuning knobs can be removed for easy string installation. Tuning knobs should screw into bridge at least 4 turns.

5. To tune :

A. Always lock tremolo before tuning individual strings. Tune up roughly to pitch and tighten headstock clamp. Make final tuning adjustments with tuning knobs on tremolo.

For most consistent tuning, always pull tremolo arm up just before locking.

B. After strings are in tune, unlock tremolo. Now adjust spring lever (see 4D above) until tremolo return is exactly the same as the locked position, this way the unit will remain in tune in both locked or unlocked positions.

6. Action :

First lock tremolo movement. Loosen set screw on side of bridge, adjust saddle set screws up and down to desired action height. Tighten set screws on side of bridge to lock.

7. Intonation :

First lock tremolo movement. Loosen set screw on side of bridge. Adjust saddle backward if intonation is high at 24th fret. Push forward (toward head) if intonation at 24th fret is low. Tighten set screw on side of bridge to lock saddle.

8. Tremolo arm : ⊕

A. To install arm, simply push all the way into hole. To remove arm, just pull it out again.

B. Adjust rotational friction of arm with the set screw on back of tremolo.

