

**Kahler**<sup>®</sup>  
MADE IN USA

**TREMOLO  
BRIDGE SYSTEMS**

**ADJUSTMENTS & SETUP**

**"THE CHOICE OF PROFESSIONALS"**



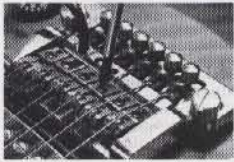
### String Height

Use wrench (A) to adjust string action.



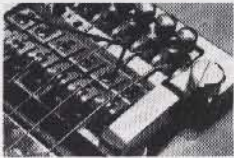
### Intonation (Screw)

Use a philips screwdriver to release saddles for accurate intonation adjustment.



### String Spacing

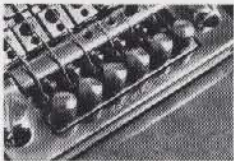
Use wrench (A) to release saddles and reset for desired string spacing. (Do not over tighten these set screws).



### Fine Tuning

For precise fine tuning after setting the string lock:

- Turn clockwise (#)
- Turn counter-clockwise (b)

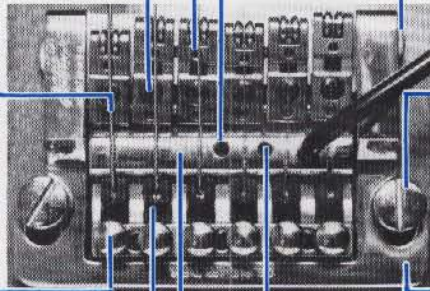


### String Installation

No cutting required, simply bend end of the string and place in string slot.



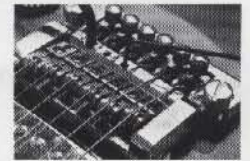
Adjustments for all models are the same. Unless otherwise stated.\*



**NOTE:** This is NOT an arm height adjustment.

### Spring Tension

Use wrench (C) for spring tension adj. Turn clockwise to increase spring tension. (for heavier gauge strings). Turn counter-clockwise to decrease string tension. (for lighter gauge strings).



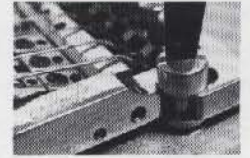
### Bridge Riser\*

Front bridge mount (stud mount only). Turn clockwise to raise the bridge and counter-clockwise to lower bridge.



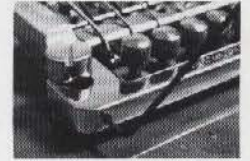
### Studs\*

Rear bridge mounts (stud mount only). Turn clockwise to raise bridge and counter-clockwise to lower bridge. Be sure unit rests equally on all mounting points.



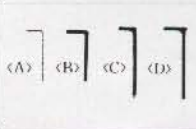
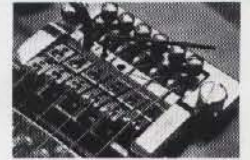
### Fine Alignment\*

(Stud mount only) use wrench (B) for fine adjustment.

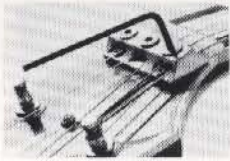


### Tremolo Arm Clutch

Use wrench (C) to adjust rotational tension. Turn clockwise to tighten tension. Turn counter-clockwise to loosen tension.







### String Lock

Use wrench (D). Pass strings through string lock slots, tune to pitch and lock in place.



### String Lock Positioning

If the angle of the strings behind the nut is too excessive it will cause the strings to bind in the nut groves and restrict correct return to pitch.

It may be necessary to shim your string lock on some guitars.



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## STRINGING UP PROCEDURE

Start by bending the ends of the strings by the ball end (see photos). As you place them in the string slots on the cam, pass through the string lock and fasten to machine heads. Set the fine tuning thumb screws in their midway position then stretch each string a little as you tune the guitar to pitch. (You will have to go over sharp to start until you bring the cam to its floating position) Lock strings in place, stretch a little once more then fine tune to pitch.

Keep rollers lubricated with oil. (3 in 1 works fine).

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