

Mounting for Gibson Les Paul or LP-type guitar  
using a Kahler<sup>tm</sup> Tremolo Bridge System, #2200 Series

- 1) To position the template:  
Measure from the nut to the 12th fret, and then measure this same distance from the 12th fret down to the body, placing the leading edge of the template at this point. Then move the template forward 1/16". Mark out the routing cavity.
- 2) We recommend a 3/8" routing bit. Route down from the top of the body 1" for the larger square of the template; route down 1/2" from the top of the body for the smaller square of the template. You may place small wooden blocks on either side of the routing area for the router to rest on, so that the router will skim over the hardware and electronics, and they need not be removed. Proceed to route.
- 3) Place front dome riser inserts in the same position as the original bridge mounting holes. If the LP has screw holes but not insert holes, drill the screw holes wider to pound in inserts. Mount tremolo on guitar.
- 4) If the bridge is not low enough, take dome risers out and rest the unit on the inserts.
- 5) To mount the string lock device, see the reverse for fitting instructions.

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Mounting for Fender Stratocaster or Strat-type guitar  
using a Kahler<sup>tm</sup> Tremolo Bridge System, #2300 Series

- 1) Place template in position using the 2 outside of the existing drilled 6 holes. Mark out the routing cavity.
- 2) We recommend a 3/8" routing bit. Route down from the top of the body 1" for the larger square of the template; route down 1/2" from the top of the body for the smaller square of the template. You may place small wooden blocks on either side of the routing area for the router to rest on, so that the router will skim over the hardware and electronics and they need not be removed. Proceed to route.
- 3) Screw tremolo in place with tucking earth wire under plate.
- 4) With the tremolo in place, shim the heel of the neck with a hard substance (plastic or cardboard) most likely less than 1/16" in height. Strings at the bridge (at the rollers) should be 9/16" off the body.
- 5) To mount the string lock device, see reverse for fitting instructions.

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For Either Series of Kahler<sup>tm</sup> Tremolo --

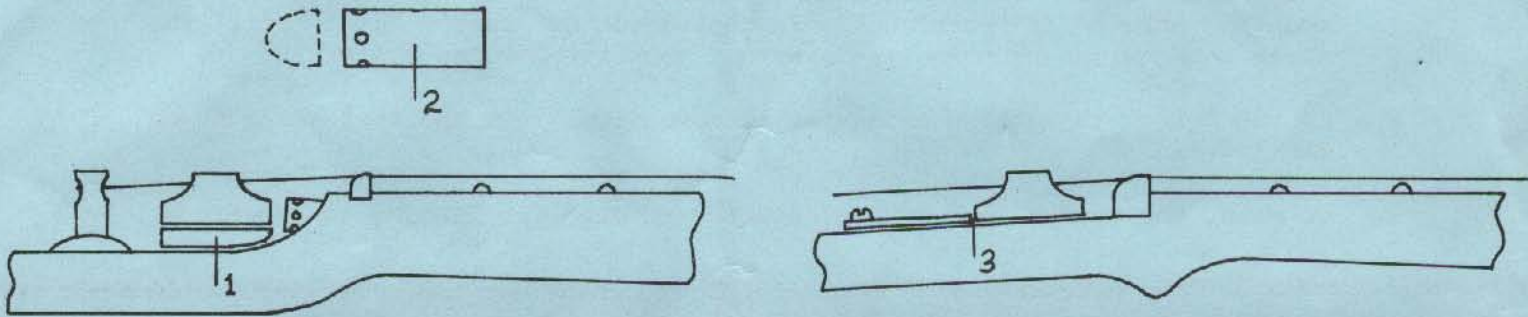
Oil rollers for smooth operation every few months. "3 in 1" household oil works fine.

When stringing up, bend the end of the strings a little to the shape of the cam.



## How to Fit the Kahler<sup>tm</sup> String Lock

- #1) Fender-type guitars will most likely require a shim or spacer (this being of approximately 1/8" plastic or a similar hard substance) under string lock to provide the right string angle from the nut to string lock to ensure correct operation.
- #2) On guitars with a bullet-type truss rod adjustment, it will be necessary to modify the bullet. Simply unscrew counter clockwise to remove and grind off approximately 1/4". Then drill a small hole 3/32" horizontally and vertically through (for adjustment with string lock in place) and replace.
- #3) On Gibson-type guitars, mount string lock directly on headstock and trim off end of truss rod bell cover to butt up to string lock.



## How to Make Adjustments on Kahler<sup>™</sup> Tremolo Bridges

- #1) Adjusts the rotating tension of the tremolo arm, so that the arm can hang loosely or can be tightened to hold any position.
- #2) Adjusts the tension of the 2 springs under the cam, thereby allowing you to set the desired angle of the tremolo arm, and counteract the tension of heavy strings.
- #3) Adjusts the string spacing.
- #4) Adjusts string height off the fingerboard.
- #5) Moves the saddle fork back or forward to adjust intonation.
- #6) Preset by factory; do not adjust.

