

Installation Instructions for LP Tremolo

This tremolo was originally developed for fitting to Les Paul style guitars. It is a simple job to replace the tunomatic bridge and tailpiece on an existing guitar without any modification to the body, or install it on a new instrument. Hole size and spacing are the same in both instances.

Installation:

The tremolo consists of a bridge with moving rollers mounted on string saddles which can be laterally adjusted. The profile is modeled on a Tune-O-Matic bridge. The bridge is also height-adjustable. The tremolo unit consists of a movable tailpiece connected to a fixed bridge by 2 knife-edge pivots, 2 leaf springs and 5 tension springs. The bridge has individual roller saddles for each string, adjustable for intonation. The unit is mounted on the body by two pillars, adjustable for height.

Replacing an existing bridge and tailpiece:

1. Remove the strings.
2. Remove the bridge and tailpiece.
3. Replace the existing bridge mounting pillars and studs with those provided. Note we recommend you fit the provided earthing strap between the bridge pillar and the old tailpiece stud. If you use this, the end of the strap with the round hole should be fitted to the treble (top E side) bridge stud before it is fitted to the body.
4. Replace the tailpiece pillars with the blanking screws provided. If the earthing strap is being used (see above) pass the treble-side screw through the oval hole before screwing into the stud.
5. Fit the tremolo unit the pillars. Loosen the locking nuts on the top of the bridge to remove the collars, screws these down on to the pillars until the correct string height is reached, and then slide the unit back onto these. When you are happy with the string height, tighten the locking nuts. (Please note that two smaller diameter collars are provided in case the original pillar holes are slightly out of alignment.)
6. Fit the tremolo arm into the hole provided in the tailpiece section, and screw the collar hand tight.
7. Restring the guitar, and adjust intonation and string height as necessary.



Installing on a new instrument:

1. Work out correct position for the bridge, and mark the centre line for the saddles. Mark on this the positions of the two pillars: these should be 74.5 mm apart, therefore 37.25 each side of a line drawn down the centre of the fingerboard and continued to the bridge position.
2. Before drilling, check that this will give the desired string alignment.
3. Drill the two pillar holes to a diameter of 6,9 mm and a depth of 16 mm.
4. Fit the pillars / studs into the holes.
5. Fit the tremolo unit to the pillars. Loosen the locking nuts on the top of the bridge to remove the collars, screw these down on to the pillars until the correct string height is reached, and then slide the unit back onto these. When you are happy with the string height, tighten the locking nuts. (Please not that two smaller diameter collars are provided in case the original pillar holes are slightly out of alignment.) Fit the tremolo arm into the hole provided in the tailpiece section, are screw the collar hand tight.
6. Restring the guitar, and adjust intonation and string height as necessary.

You can go from a bridge-tailpiece combination to a tremolo and back again in just a few easy steps.



Tremolos without a sustain block are constructed with springs that lie at a very flat angle; aggressive tremolo playing, which places excessive strain on the springs, should therefore be avoided!

Schaller Electronic GmbH
An der Heide 15
92353 Postbauer-Heng
Germany

Phone: 0049 (0)9180 910-0
Fax: 0049 (0)9180 2600
E-Mail: info@schaller-electronic.com
Web: www.schaller-electronic.com

