

BEFORE YOU BEGIN

TOOLS AND MATERIALS REQUIRED TO INSTALL THE BIGSBY B3 VIBRATO



INCLUDED:



BIGSBY B3 VIBRATO



HINGE SCREWS (4) TENSION SPRING PLASTIC WASHER ALIGNMENT STRING

TOOLS REQUIRED:

- DRILL BIT: 5/64" (1.90 mm)
- DRILL
- PHILLIPS HEAD SCREWDRIVER

SET UP NOTES:



READ ALL INSTRUCTIONS CAREFULLY BEFORE YOU BEGIN. MAKE SURE THE FOLLOWING ITEMS ARE IN GOOD WORKING CONDITION AND THE GUITAR IS SET UP PROPERLY. INDICATE ANY NECESSARY PRE-INSTALLATION ADJUSTMENTS.

TUNING PEGS	<input type="checkbox"/>	_____
NUT	<input type="checkbox"/>	_____
TRUSS ROD	<input type="checkbox"/>	_____
NECK ANGLE	<input type="checkbox"/>	_____
ACTION	<input type="checkbox"/>	_____
INTONATION	<input type="checkbox"/>	_____
BRIDGE	<input type="checkbox"/>	_____
STRING GAUGE	<input type="checkbox"/>	_____

1 POSITION THE VIBRATO

- REMOVE THE GUITAR STRINGS, EXISTING TAILPIECE AND STRAP BUTTON FROM THE GUITAR.
- ALIGN THE HINGED PART OF THE VIBRATO WITH THE ORIGINAL STRAP BUTTON HOLE.
- CHECK THAT THE HINGED PART RESTS FLAT AGAINST THE GUITAR END AND THAT THE TOP OF THE VIBRATO IS LEVEL WITH BOTH FELT PADS MAKING CONTACT WITH THE GUITAR SURFACE. FIG. 1

NOTE: THE STRAP BUTTON HOLE MAY NEED TO BE MOVED ON SOME GUITAR MODELS.

TIP

THERE ARE MANY OPTIONS FOR TREATING HOLES LEFT FROM REMOVING THE ORIGINAL TAILPIECE. DISCUSS OPTIONS WITH A LUTHIER, OR VISIT WWW.BIGSBYGUITARS.COM TO SEE WHAT OTHERS HAVE DONE.

2 CHECK THE ALIGNMENT

- MAKE SURE THE VIBRATO IS ALIGNED CORRECTLY; THREAD THE ALIGNMENT STRING AROUND THE LOW E TUNING PEG, DOWN TO THE LOW E STRING PIN ON THE VIBRATO, OVER TO THE HIGH E STRING PIN AND BACK UP TO THE HIGH E TUNING PEG. FIG. 2A
- POSITION THE VIBRATO SO THE ALIGNMENT STRINGS RUN STRAIGHT DOWN THE GUITAR NECK. CHECK THAT THE STRINGS SIT PROPERLY IN THE NUT AND BRIDGE. FIG. 2
- ADJUST THE VIBRATO AS NECESSARY UNTIL IT IS CENTERED.
- LIGHTLY MARK THE SCREW HOLE LOCATIONS BY HAND WITH THE 5/64" (1.90 mm) DRILL BIT.

TIP

USE MASKING TAPE AND AN ALL-SURFACE OR GREASE PENCIL WHEN MARKING HOLE LOCATIONS TO PROTECT THE GUITAR FINISH.

3 ATTACH THE VIBRATO

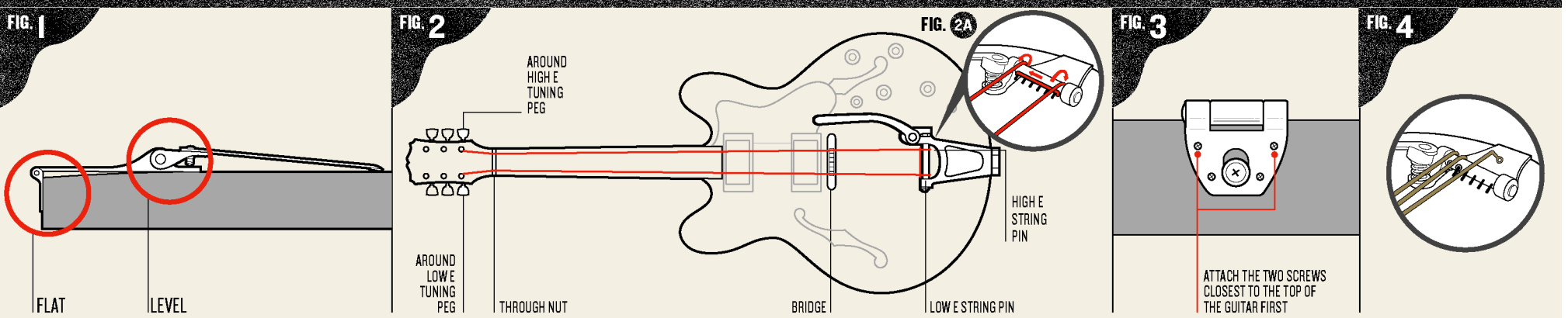
- DRILL SCREW HOLES USING A 5/64" (1.90 mm) DRILL BIT.
- FASTEN THE FOUR HINGE SCREWS BY INSTALLING THE SCREWS CLOSEST TO THE TOP OF THE GUITAR FIRST. CHECK THE ALIGNMENT THEN REPEAT WITH THE BOTTOM SCREWS. FIG. 3
- RESTRING THE GUITAR WITH NEW STRINGS. THE BALL END OF THE STRING RUNS OVER THE STRING BAR AND HOOKS ONTO THE STRING PIN. LEAVE THE STRINGS LOOSE. FIG. 4
- PLACE THE PLASTIC WASHER INTO THE CUP UNDER THE HANDLE AND INSERT THE TENSION SPRING.
- TIGHTEN THE STRINGS TO TUNE AND REPLACE THE STRAP BUTTON.

TIPS

PRE-DRILLING HOLES WITH A HAND DRILL AND BEVELING THE EDGES OF THE HOLES WILL PROTECT THE GUITAR FINISH.

TO PREVENT DRILLING TOO DEEP, MARK THE DEPTH OF THE SCREWS ON A DRILL BIT WITH MASKING TAPE BEFORE DRILLING PILOT HOLES.

BEND THE BALL END OF THE GUITAR STRING AT A RIGHT ANGLE TO HOOK IT ONTO THE STRING PIN. FIG. 4



BEFORE YOU FINISH

TEST THE VIBRATO TO ENSURE THAT IT IS INSTALLED PROPERLY.

- BE SURE THE STRINGS ARE STRETCHED AND SECURED AT THE TUNING PEGS.
- CHECK THE BRIDGE AND NUT SADDLES TO ENSURE THAT THE STRINGS CAN MOVE FREELY. FILE AS NECESSARY.
- CHECK THE ACTION - ADJUST THE TRUSS ROD AND NECK ANGLE IF NECESSARY.

PERFORMANCE TIPS

A SMALL AMOUNT OF GRAPHITE (SUCH AS SOFT PENCIL LEAD) IN THE NUT AND BRIDGE WILL ALLOW STRINGS TO MOVE FREELY.

TO RAISE THE HEIGHT OF THE HANDLE, PLACE A COIN UNDER THE SPRING. TO LOWER THE HEIGHT OF THE HANDLE, REMOVE THE PLASTIC WASHER. STRING GAUGE WILL ALSO AFFECT THE HEIGHT OF THE HANDLE.

FINAL ADJUSTMENT NOTES:

TUNING PEGS	<input type="checkbox"/>	_____
NUT	<input type="checkbox"/>	_____
TRUSS ROD	<input type="checkbox"/>	_____
NECK ANGLE	<input type="checkbox"/>	_____
ACTION	<input type="checkbox"/>	_____
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