

5 Step SST 01 Building Instructions



RAS KITS SST 01 Kit

	1 Empress Body
	1 Maple Neck
	3 single coil pickups
	6 pickup mounting screws
	6 tuning machines
	6 washers, ferrules & tuner screws
	1 tremolo bridge w/ 6 mounting screws
	1 tremolo claw w/ 2 mounting screws
	3 tremolo springs
	1 neck plate w/ 4 mounting screws
	3 pots
	3 nut & washer for pots
	3 knobs
	1 - 5 way switch w/ 2 mounting screws
	1 pickguard w/ 11 screws
	1 cavity cover w/ 6 mounting screws
	1 output jack w/ 2 mounting screws
	2 strap buttons w/ 2 mounting screws
	1 set strings
	1 amp cable
	1 truss rod wrench
	All assorted wiring

Cut & Finish

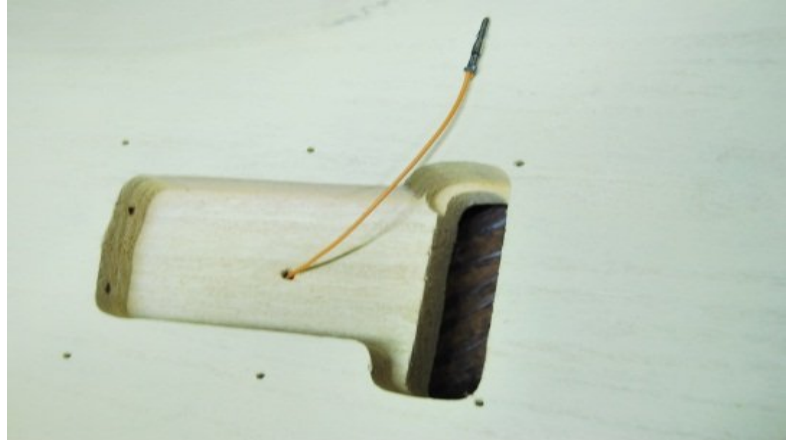
Cut the headstock to desired shape.



Remove pickguard from body and mask neck using painters tape to cover the top and sides of fretboard.



Complete finishing of body and neck. Be sure to follow directions on the finish of your choice. Generally speaking, each finish will take 3-5 coats with fine sanding in between each. Once finishing is complete, attach pickguard making sure to pull through output jack wire and tremolo ground wire through back of body.



Bolt on

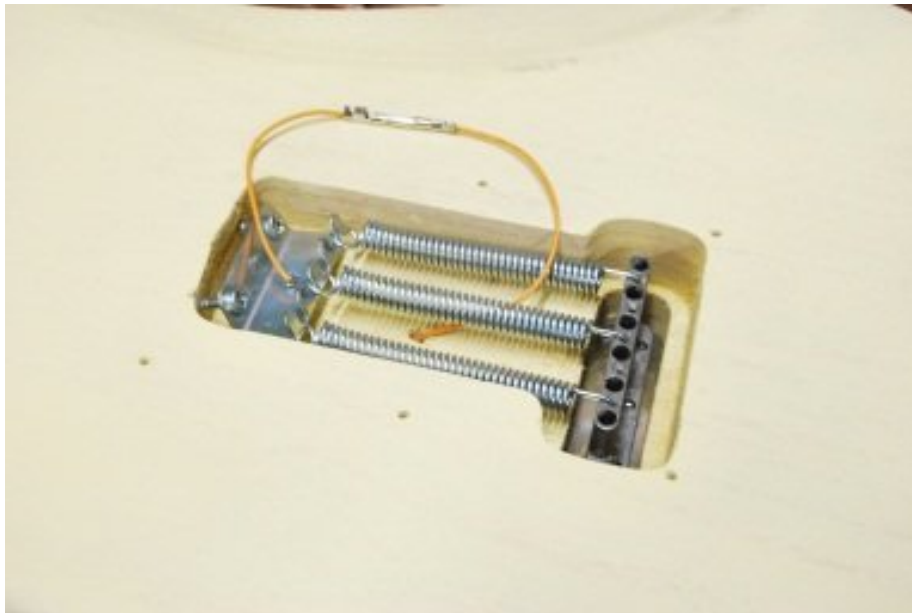
Bolt the neck and hardware onto the body. Use the diagram provided on the last page if you are unsure of where hardware goes. Order of hardware attached:

Neck – Bridge – Tremolo Claw – Tremolo Springs – Tuners – Strap Buttons





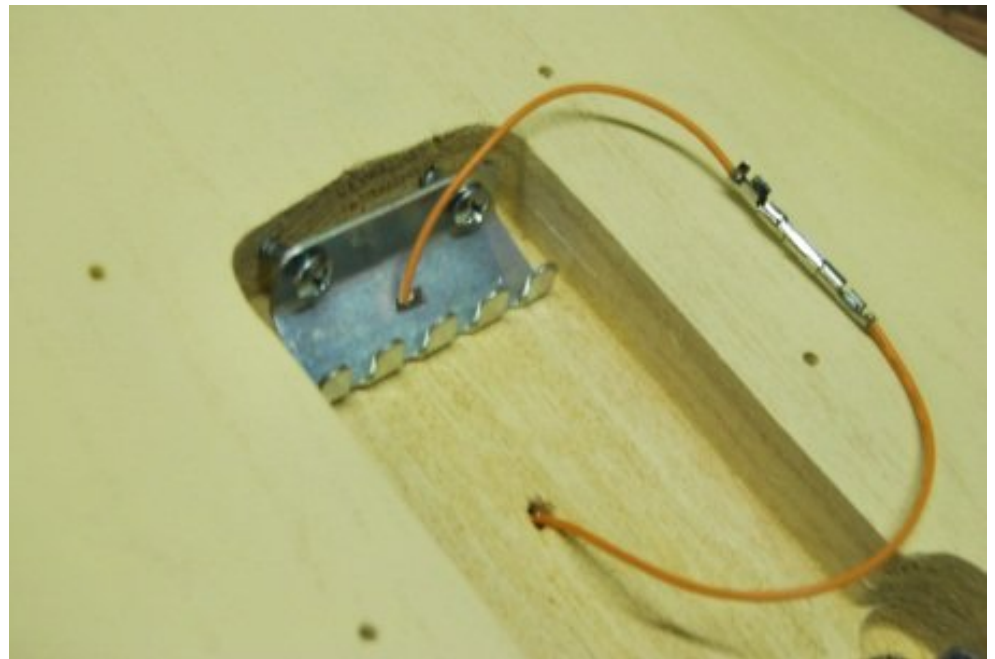
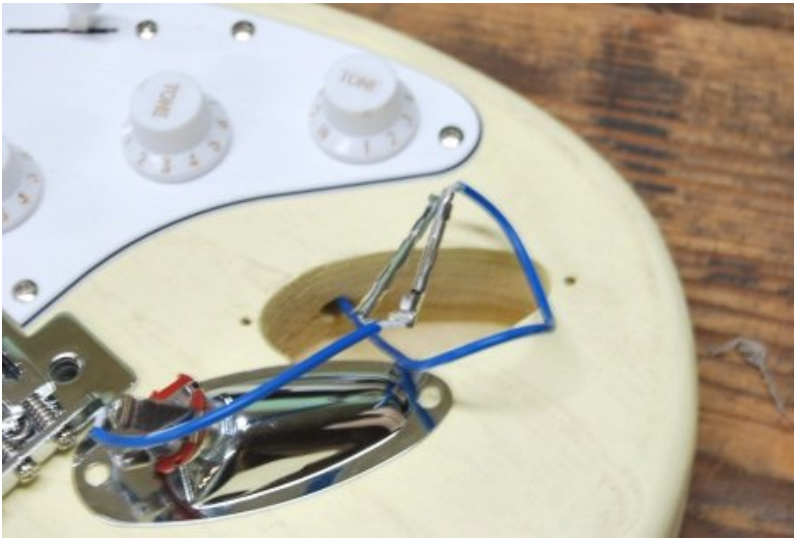
Tighten bridge screws all the way down, then reverse 1 ½ turns to allow tremolo action to move freely. When strings are on and tuned, there should be approximately 1/8" rise in bridge tail.





Plug in

Plug in electronics connections to the output jack and tremolo claw. Attach output jack to and back cavity cover plate to body.



Do not tighten tremolo claw screws completely to body. Allow approximately $\frac{1}{4}$ - $\frac{1}{2}$ " of slack



String it

Put the strings on the guitar through back cavity cover and through the bottom of the bridge. Once the strings are on, mark the holes for the string retainers. Place the string retainer on the 1st & 2nd and 3rd & 4th strings.



Use a screw driver to mark the hole. Drill pilot holes for the string retainers being sure not to drill through the headstock.

Set it

Setting the intonation

Once the string retainers are on, tune the guitar to standard EADGBE tuning (good online by-ear tuner: www.gieson.com/Library/projects/utilities/tuner/) . Play each string at the 12th fret and note down the tuner reading. On a correctly intoned guitar, the note at 12th fret will give exactly the same reading as the open string, because they are the same note. Using a small Phillips screwdriver, correct the vibration length by adjusting the screws at the base of the bridge.



screw to increase the vibration length. If the intonation was flat, tighten the screw to decrease vibration length. Repeat this step for each string, using the tuner to check the intonation after each adjustment. Make small adjustments to the vibration length until the tuner gives an equal reading for open string and 12th fret notes.

Play it!

If you need help along the way, contact us at
customerservice@rasdistributors.com

