

Modifications For Your Guitar Kit

Please Read All Instructions Before Beginning.

If the guitar you are going to install this kit in was not made in America then you will most likely need to bore out the holes to 3/8" for your pots to fit and 1/2" for your switch to fit. Here are the instructions on how to do this without damaging your finish.

Tools you will need:

- Variable Speed Dremel Rotary Tool
- Fine surfaced, Cone Shaped Rotary Stone bit. **NOTE: a variable speed Drill and step drill bit can be used in place of the Rotary Tool and Stone bit.**
- 1/2" Drill bit
- 3/8" Drill bit
- 5/32 " Drill bit
- Electrical or masking tape

Step 1. Remove 1 of the washers from one of the pots on your new wire assembly. This will be your guide and your safety net while modifying these holes without damaging your finish. Center the washer over one of the pot holes, then take your electrical tape and tape it securely to the body of your guitar (see fig. 1).

Step 2. Now take your Rotary tool and carefully widen the face of the hole. BE CAREFUL AND TAKE YOUR TIME or you will chip your finish. I prefer the fine stone bit and rotary tool because it makes a smooth cut and is less likely to grab and chip the finish. As you widen the hole you will hear it start to hit the washer and you will know that you have gone far enough. You are only trying to open up enough to get past the finish, do not attempt to go all the way through with the stone bit. If you are using a drill and step bit do not tape the washer to the guitar because the bit may grab the washer and scratch your finish. Use the drill free hand but be slow and careful, taking 5 to 15 minutes to do this step right will save you many days of disgust for your impatience and lots of money to repair your finish (see fig. 2).

Step 4. Now take a 3/8 drill bit and turn it by hand to finish widening the hole all the way through. I do this instead of using a drill motor to keep the inside of the cavity from chipping (see fig. 3).

Step 5. Repeat this step to the other 3 holes. Once again take your time so you do not damage your finish and it should come out looking fine (see fig. 4).

Step 6. Now remove the output jack from the jack plate, this should need a 1/2 wrench or nut driver. Once you have removed the jack you may find that the hole is oblonged and that the jack has two flat sides. This hole needs to be opened up for the new jack to fit through it. Take the 3/8 drill bit and by hand and open up the hole on the jack plate (see fig. 5).

You can use the cutting edge of the drill bit to clean up the burrs on the cut edges of the plastic. Hold the face of the bit at an angle against the cut edge lightly and slowly move the bit along the edge and it will remove the burrs and leave a much smoother edge. If you try this with a sharp knife or razor blade it may cut to deep into the plastic and leave a bad edge.

Step 7. Now take the cap off of your old 3-way toggle switch and with the 5/32 drill bit widen the hole by hand until it is deep enough for it to fit on the new 3-way switch snugly (see fig. 6). You will want to make it deep enough that you need to twist it on at

the end so that it will cut some threads into the cap. The alternative is that you can purchase a cap that matches the color of your old cap and will fit the Switchcraft switch.

Note: If you are having a problem in any part of your modification or installation please feel free to email us at customerservice@bcsguitars.com and we will get a technician to call you as soon as they are available and try to help you trouble shoot the problem.

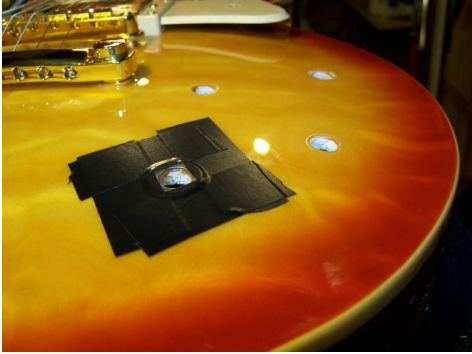


Fig. 1 Use a washer as your guide



Fig. 2 Widen the top of the hole Fig. 3 3/8 drill bit by hand to finish Fig. 4 Patience will bring good results



Fig. 5 Open up the jack plate so that the new jack will fit through it.



Fig. 6 Open up your switch cap to fit your new switch.