

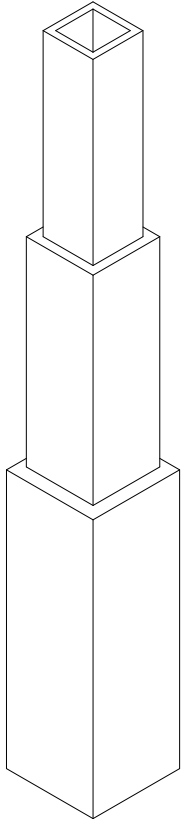
E.B.Models Slotted Post Signals System 3

CONSTRUCTING SUITABLE SIGNAL POSTS

I am aware that this technique will not suit everyone! Nevertheless I suggest it as an almost foolproof system

Using varying sections of K&S square brass tube - relatively easy to get hold of - you can construct tapered signal posts with confidence even if you feel your skills leave much to be desired.

Here is how to produce a simple tapered post:



1. Find lengths of K&S square tube that will be scale to the square dimensions of Brighton posts - 9", 11" or 13".

You will need to know what sizes doll posts were. It seems that the large "base post" that supported symmetrical junction brackets were large, but with little taper. Again, YOU MUST USE PHOTOS.

In some cases, 'nearest may have to do' but err on oversize. Cut matched lengths - and solder equally spaced to form a structure like this.

Now mount a coarse hand file in your vice, and proceed to run one side at a time along the file until a smooth 'flat' is formed on each side. IT IS VITAL TO COUNT THE NUMBER OF STROKES and ensure each side receives the same number, and not to let the the post "roll" on the file.

In this way the taper will automatically be maintained and all four side will be correct.

2. Purchase (2mm) solid rod / round tube to fit snugly into the top of the square post. Cut a very short length to act a location aid for the slot boxes to be attached to.

3. Using the same interlocking tubes, you can arrange for posts to be fitted very solidly - either for permanent or to allow removal for transporting. See this diagram for the way these tubes can be used:-

The size smaller than the lower end of the signal post is ideal as the locator, and the same size as was used at that end of the post can be soldered underneath a square of thick brass - to allow a baseboard fixing.

if this is mounted over a drilled hole, control tubes and wires can be passed down beside the post locator.

this hole is not in the brass plate, but in the baseboard beneath. It is shown here to indicate how the control wire tubes would fit beside the square tube.

10 BA screw through a nut soldered on the side of the tube can fix the inner post locator

brass solder-on lug to attach copper tube

copper tube for wire-in-tube signal control

