

E.B.Models

Signal actuator units – SAU, DSAU1, DSAU2.

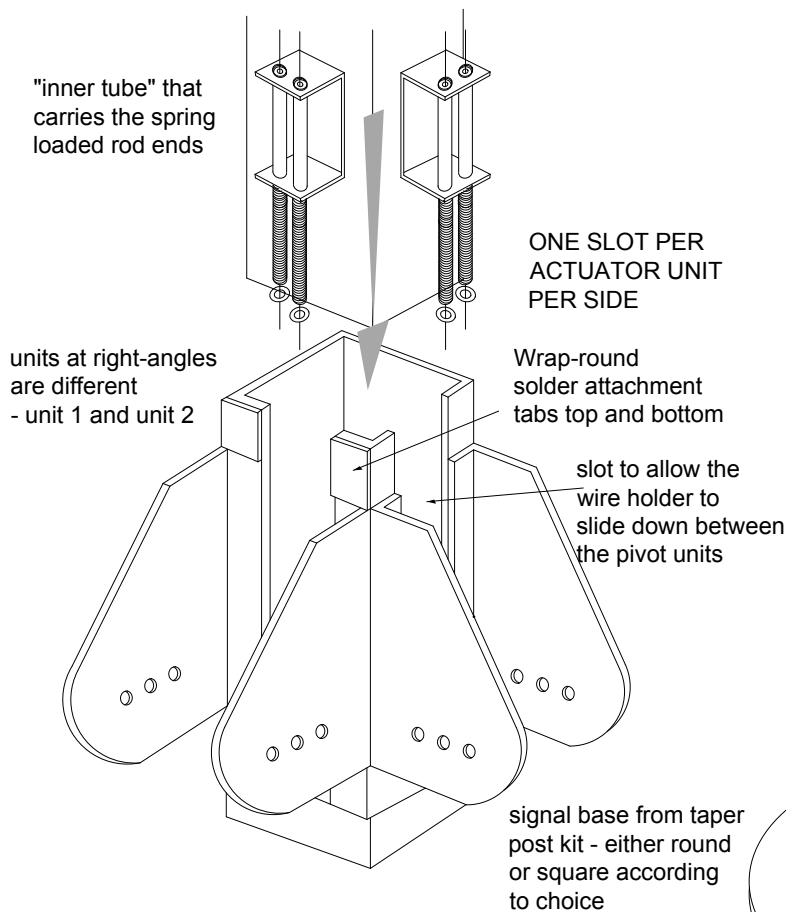
These units are designed to be used either singly - basic SAU or in multiples - DSAU 1, DSAU2

Materials needed:

K&S metal centres square tube 1/4" and next size down for fitting INSIDE

The latter units are designed to sit on adjacent faces of the square tube, with certain parts interlocking. Each unit can be used to operate one or two signal arms - requiring another unit for each further one or two arms.

In the case of the modeller wanting detachable signals - removeable for either servicing or safety, these units need to be fitted thus:-



#### MUTIPLE UNITS (Illustrated Above):

6. Fit larger unit first, as above, and then fit smaller unit. It will be found to interlock with the larger unit.

7. Arrange 'pull/push' from chosen 'power' source to cranks. These are suitable for either lever frame or powered drive.

IF SIGNALS ARE TO BE REMOVABLE (DSAU1 & DSAU2)

wires guides are fixed totally independently of signal actuator - so the posts can be removed from baseboard socket with actuator left in place.

The items are separate on the frets.

washers to hold springs soldered to wires  
THE WHOLE MECHANISM IS SET AT 'ON' when at rest

#### SINGLE UNIT (Illustrated below)

Construction:

1. Prepare signal, with suitable brass tube for baseboard socket and brass tube for fitting plug.
2. Remove Actuator unit from fret, and solder to side of board socket tube. Fold small cheeks round to clasp tube, and large pivot cheeks as per diagram.
3. Bend down small flaps A and B to receive small micro brass operating wire tube guides. Very carefully solder tubes in place, ensuring no solder blocks the tube.
4. Bend up selected operating crank(s) and cut pivot wire slightly over length - measure from outside large cheeks.
5. Thread bearing tubes through cranks, and then thread pivot wires through cheeks / tube / cheeks and either pinch with pliers to keep in place, or very carefully solder in place. File back as necessary to clean up.

