

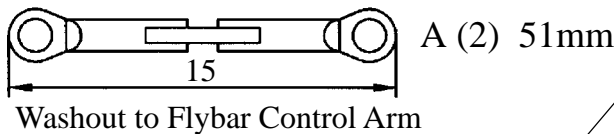
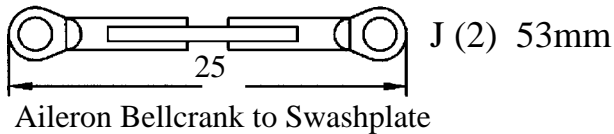
# STEP 38 Pushrod Setup and Adjustments

**STEP 38** Make up all the control pushrods according to the specified lengths shown in the drawing. These are full scale drawings so you can easily match each pushrod to the page. Please note that these dimensions listed from end to end of the plastic rod-ends are to be taken as correct. Fine tuning may be required as the picture size may change when printed. Also some servos offer different horn placements for fine tuning. The numbers in the center of the pushrod drawings are the actual length of the rods to help select the correct pushrod for each control surface.

Setup for the 5 Channel Helicopter radio, there will be one extra 105mm.

Setup for the 4 Channel Airplane radio, requires one of the 105mm pushrods to be shortened by 12mm, 6mm per end for use as the Collective Arm Pushrod.

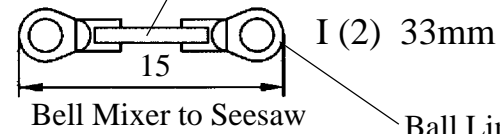
**Note:** It is very important that before you install the pushrod linkages that you first charge your radio then remove all the servo horns from the servos and center all the mechanical or electronic trims on the radio. Due to printing, the overall lengths of the pushrods on the right are to be taken as correct.



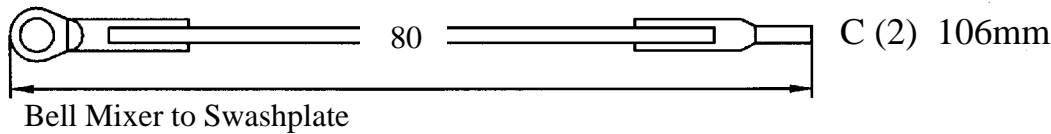
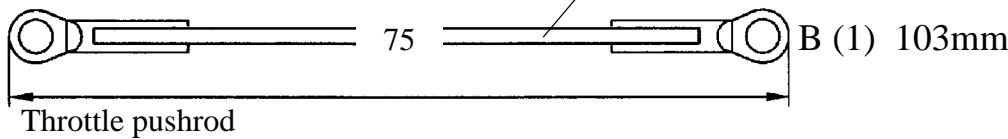
Pushrod Set  
[HW3192]

**1:1**

All pushrods are shown full size.



Ball Link Set  
[HI3145]



Measurements are tip to tip on the ball link.

