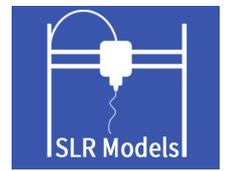


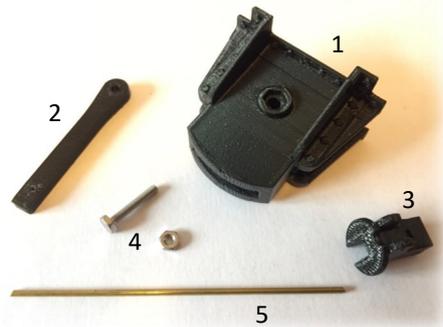
# Bowaters Coupling Instructions



## Kit contents\*

1. 2 x Coupling Mount
2. 2 x Coupling Bar
3. 2 x Coupling End
4. 2 x M2 12mm Bolt & Nut
5. 1.3mm Brass Rod

\* Hook & Chain style shown, different end and no brass in Accucraft Chopper style.



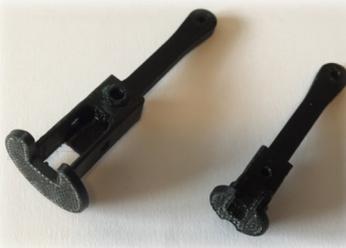
## You will need:

- Drill (1.3mm and 3mm bits)
- M2 Spanner/Nut Spinner
- Super glue (hook & chain only)
- Modelling file
- Pliers
- 2 x M3 screws (max 10mm)

## Notes:

These instructions are for both the Hook & Chain style and Accucraft Chopper style end, please read fully before starting. Accucraft Chopper style requires the hook and chopper from an original Accucraft chopper coupling.

### Step 1: Join Coupling Bar and End



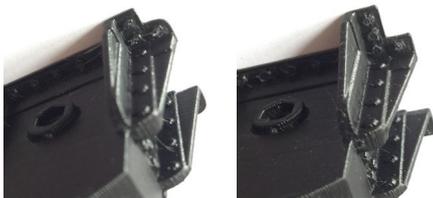
Some filing may be required to fit the bar into the end part, but it should be a tight fit. The holes in the end and bar will line up when all the way in. Once in, don't pull it back out. The Hook & Chain type will need the hole widening to 1.3mm best done with a drill bit, this can be done now or after painting.

The hook holds the two together for both styles so no glue should be needed for this step. Don't put the hook in yet.

### Step 2: Test Fitting

Insert the bar into the mount and slot the bolt down through the two, leave the nut off for the minute. Check that the bar swivels freely, if there's any resistance you can use a small file to lightly file the inside of the mount.

Once you're happy with the fit, remove the bolt and separate the two. Now is the best time to paint the parts, filing is required on the coupling end to create a smooth surface. It's a good idea to paint the bolt head now too so it blends in when fitted.



Superior

Excelsior

### Step 3: Drilling the holes

Two 3mm holes need to be drilled in the buffer beam. The holes should be 12mm apart (between centres). The minimum distance from the top of the buffer beam to the centre of each hole depends on which buffer you're using:

Superior: 11.5mm

Excelsior: 14mm

### Step 4: Attach the Coupling Mount

The holes in the back of the coupling mount are tapped to receive an M3 screw, no longer than 10mm. Fasten the coupling mount to the buffer beam.

### Step 5: Join the Coupling Bar to the Mount

Slot the bar into the opening in the mount and fit the bolt down through the two parts. Tighten the nut on the base of the mount, ensure the bolt head sits into the top indent correctly.

## Hook & Chain

Form a hook from the 1.3mm brass rod and fit it through the hole in the coupling end, glue the hook in place if required.



## Accucraft Chopper

Refit the hook and chopper from the original Accucraft chopper coupling in the same places, see photo for help.