

Metal Jig Assembly

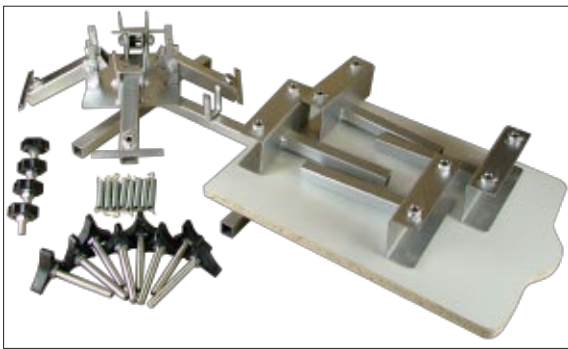


The following information details how to assemble Single, 4 and 6 arm metal screen printing jigs ready for use.

Jigs may be supplied in various stages of assembly, from plastic wrapped flat pack (pictured left) through to fully assembled.

If some parts have been assembled for you, please move on to next step to finalise the assembly process.

Check pack contents



Single Arm Jig (SPJ-M1)

- 1 x Base with T-shirt Board
- 1 x Arm
- 1 x Arm Attachment Knob
- 2 x Arm Clamp Knobs
- 2 x Arm Springs

4 Arm Jig (SPJ-M4 - pictured left)

- 1 x Base with T-shirt Board
- 4 x Arms
- 4 x Arm Attachment Knob
- 8 x Arm Camp Knobs
- 8 x Arm Springs

4 Arm Jig with Bearing Hub & Registration (SPJ-M4B - pictured right)

- 1 x Base with T-shirt Board
- 2 x Alignment Bearings
- 2 x Alignment Bearing Attachment Bolts
- 2 x Alignment Bearing Attachment Washers
- 4 x Arms
- 4 x Arm Attachment Knobs
- 8 x Arm Clamp Knobs
- 8 x Arm Springs

6 Arm Jig with Bearing hub & Registration (SPJ-M6B)

- 1 x Base with T-shirt Board
- 2 x Alignment Bearings
- 2 x Alignment Bearing Attachment Bolts
- 2 x Alignment Bearing Attachment Washers
- 6 x Arms
- 6 x Arm Attachment Knobs
- 12 x Arm Clamp Knobs
- 12 x Arm Springs



Assembly instructions



Step 1

Attach one end of each Arm Spring to the base of the machine.
Repeat this step for all springs, so they are all hanging from the base ready for Step 2.

HINT

Insert the springs into the base from the outside first, so the hook is on the inside of the holder. This will keep the point away from fingers and ensure there are no catches on any clothing.



Step 2

With all springs attached to the base, lift an arm upwards and attach the loose end of the spring to the support bar on the Arm.

Repeat this step with the second spring as pictured left.
The arm will now be supported by the springs.

Repeat the spring attachment process for all remaining arms when assembling a 4 or 6 arm jig.

NOTE

Adjust the tension of the springs by winding it clockwise to tighten and counter clockwise to loosen. Some jig models are supplied with optional position holes for additional tension.



Step 3

Place a Clamp Knob into the top of the arm and turn clockwise to engage the thread into the Clamp. Repeat for the other side.

Repeat the above process for all remaining arms when assembling a 4 or 6 arm jig.



Step 4

Place an Arm Attachment Knob into the top of the Arm Attachment Nut and turn clockwise to engage the thread, pictured right..

Do not overtighten, simply insert slightly so the thread catches.

Repeat the above process for all remaining arms when assembling a 4 or 6 arm jig.



Step 5

Insert the Arm into the arm holder (now held up by the springs) and tighten the Arm Knob to lock into position.

Repeat the above process for all remaining arms when assembling a 4 or 6 arm jig.



Additional step for Bearing Models - SPJ-4MB and SPJ-6MB

Attach Arm Bearings to the base with bearing facing the front, nut to rear.

Very Important: Before tightening, lower an arm between the bearings. Tighten bearings against arm for firm fit. Test the bearing alignment for all arm to ensure no gap or movement is present between arm and bearing.

If movement is present loosen and realign the bearing before re-tightening.

Apply table adhesive

With your jig now assembled we recommend applying Table Adhesive immediately to the printing board in order to hold your item still whilst printing - this in turn avoids movement, smudges, misprints, blurring, etc.

Table Adhesive is essential for all T-shirt and fabric screen printing.

Simply apply 1 **drop** every 7-10cm and spread - allow to dry. Reapply when necessary.



Changing the printing board



All of the metal jigs we supply enable the printing board to be removed and fitted with a custom sized board for small sized baby's clothes or large widths of dress material.

To remove, simply turn the jig over to expose the 4 mounting screws on the base, as pictured left. Unscrew the 4 mounting screw on the base and remove the original printing board. Then simply place you custom board over the base - insert screws and tighten.

Hint: Draw a line down the centre of your new board to help align the screws

Printing

The printing process is the same wether you are using a jig, or simply holding a frame freehand. Using a jig, however speeds the process by eliminating the need to place the frame and squeegee aside (without putting ink everywhere) between prints. The jig holds the frame and the squeegee able to sit inside the frame between prints.

For further information including registering designs with jigs, training sheets & online video covering Screen Printing technique, visit the Training section of the NEHOC web site - www.nehoc.com.au/training