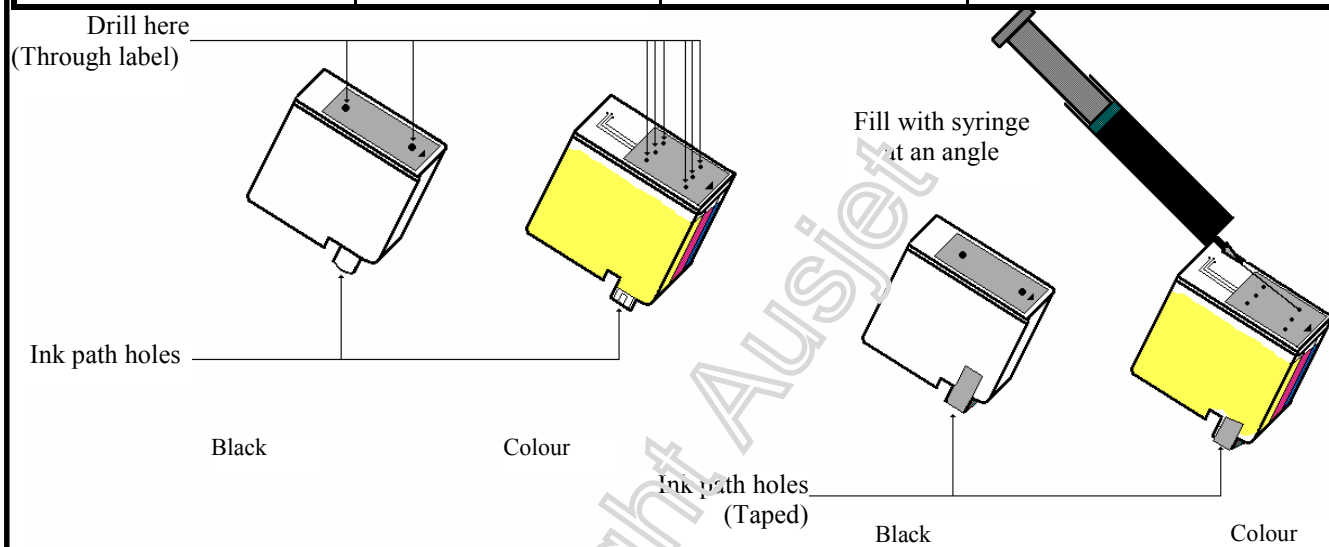


<b>Cartridge:</b>	SO20093, SO20089,SO20108, S020187, S020097, S020191,SO20189, T003011, T003,T005,T005011, T013, T014,TO19,T020	<b>Cartridge Wt. New:</b>	SO20093, 20187, T013 28 g SO20089, 20191, T014 72 g SO20097 70 g SO20108,20189 40 g T003011 65 g T005011 127g T019 40g T020 64g
<b>OEM:</b>	<b>Epson</b>	<b>Printer:</b>	Stylus Colour 400, 600 800,880, 1520/ 440 480,640/740, 900
<b>Printhead Location:</b>	Printer	<b>Cartridge Type:</b>	Sponge
<b>Reliability:</b>	**	<b>Skill Level:</b>	Average



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Fig. 2.38

Fig. 2.39

## COMMENTS

These cartridges all use the same method of refilling. The S020093, S020097, S020108, S020187, S020189, T003, T013 and T019 are black cartridges while the S020089, S020191, S020097, T005, T014 and T020 cartridges are tri colours. **Important:** Please read special section on Epson cartridges on page 37. Use chip resetter where necessary.

## REQUIREMENTS

- ◆ S020093, S020187, T013 T020 10- 15 ml Appropriate Black Ink. (Refer to Ausjet Ink Selector)
- ◆ S020089, S020191, T014 1- 7 ml of each Appropriate Cyan, Magenta, Yellow Inks
- ◆ S020189, S020108 10-15 ml Appropriate Black Ink
- ◆ T003011 10-30 ml Appropriate Black Ink
- ◆ T005011 1-18 ml of each Appropriate Cyan, Magenta, Yellow Inks
- ◆ T020 S020097 10-14 ml of each Appropriate Cyan, Magenta, Yellow Inks
- ◆ T019 20-25 ml appropriate Black ink.
- ◆ Allow one 20 ml syringe for each type of ink.
- ◆ One Epson sealing plug for each ink path hole or strong tape

## REFILLING METHOD

### STEP 1.

Seal the bottom of the cartridge with a plug or strong tape.

For a black ink cartridge locate the two holes at the top of the cartridge. They may be under the label. See Fig 2.38. Open the two holes with the needle tip or 1.5 mm drill. If shavings get into the cartridge it does not matter since the internal foam will filter them out. The rear hole is the vent while the front hole is the fill hole.

For a tri-colour cartridge, in each of the three colour sections locate the two holes on top. They may be under the label. Open the two holes. The rear hole must vent while we fill through the front hole. You may tape over the colour sections you are not currently filling to avoid contamination.

#### **STEP 2.**

Fill syringe with up to 20 ml of the appropriate ink for a black cartridge and up to 15 ml of the appropriate ink for the colour cartridge. Completely insert into the front fill hole. Angle needle at 45 degrees and inject the ink very, very, very slowly and carefully. See Fig 2.39. If you inject the ink too quickly you will cause an air lock and froth and air bubbles will form. As ink goes in to the first hole displaced air should move out of the second hole.

#### **STEP 3.**

When the ink rises to the top, the chamber is full. Draw back 1-2 ml. If you are filling a tri colour cartridge, proceed to the next colour chamber.

#### **STEP 4.**

Remove tape from bottom and allow to drip on paper towel for thirty minutes.

#### **STEP 5.**

Replace tape or E-plug. Use centrifugal force to prime ink path holes. Leave top holes open to print. For best results leave 24 hours on paper towel before using to allow the ink to saturate the sponge completely.

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