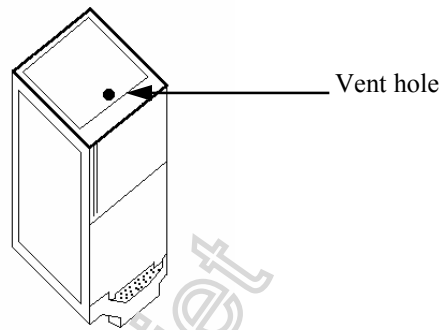


<b>Cartridge:</b>	<b>BC-20/BC-23</b>	<b>Cartridge Wt. New:</b>	Approx. 90g
<b>OEM:</b>	<b>Canon</b>	<b>Printer:</b>	BJC-2000, 2100, 4000 4100, 4200, 4300 4310SP, 4550, 4650 5500, 5000, 5100
<b>Printhead Location:</b>	Cartridge	<b>Cartridge Type:</b>	Sponge
<b>Reliability:</b>	**	<b>Skill Level:</b>	Average



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Fig. 2.14

#### COMMENTS

This cartridge is prone to circuit failure. Run a circuit test prior to refilling. Please see page 60 for method to refill Canon cartridges with hard nylon sponge interior. Adapt the instructions to fill under pressure.

#### REQUIREMENTS

- ◆ 30-40 ml Appropriate Black ink (Refer to Ausjet Ink Selector) (Special Pigment Ink required for the BC-23, (L4101))
- ◆ 50 ml syringe with sharp 18g needle
- ◆ Plug removal tool
- ◆ HSC1000 solution or steam for improved results
- ◆ Print head sealing tape and or print head clip.

#### REFILLING METHOD

##### STEP 1.

Soak the print head in HSC1000 for 10-20 mins or gently apply steam direct to printhead. Locate the vent hole shown in the illustration and remove plug using plug removal tool. (See Fig. 2.14).

##### STEP 2.

Attach the needle and draw the appropriate amount of ink into it. Insert the needle into the vent hole or hole you drilled and push the needle as far as it will go. Inject the ink slowly into the cartridge making sure the needle is on the bottom of the cartridge. Weigh the cartridge to ensure that you have injected the correct amount of ink.

##### STEP 3.

Let the cartridge stand on a paper towel to ensure excess ink has drained out. Replace plug.

If the interior of the cartridge is a hard nylon sponge, please turn to pages 60-61 for instructions on how to fill under pressure.

## Circuit Test for the BC-20,23 and BCI-21 Cartridge Types

It is advisable to run this test on your multimeter prior to refilling these cartridges.

Cartridge	Pin 1 and 2 Ohms	Pin 3 and 4 Ohms
BC-20	62	59-62
BC-23	60	58
BC-21	65	65

Table 2.1

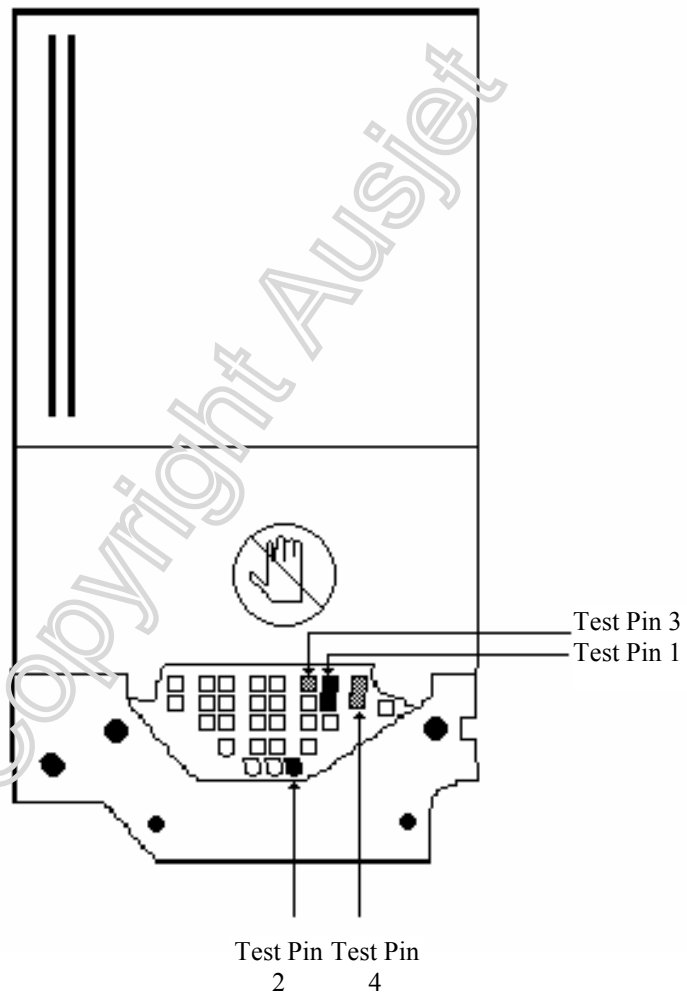


Fig. 2.15