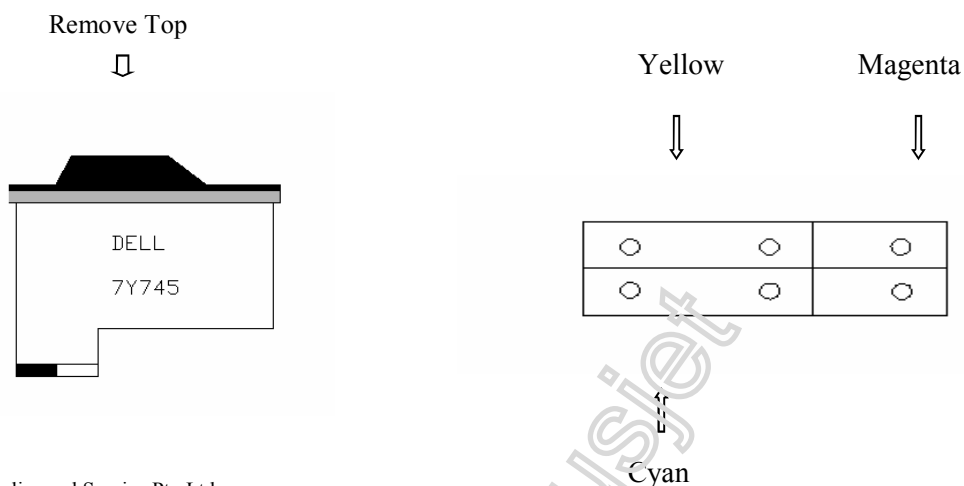


Cartridge:	7Y745	Cartridge Wt. New:	7Y745 43grams
OEM:	Dell	Printer:	
Printhead Location:	Cartridge	Cartridge Type:	Sponge
Reliability:	* * * *	Skill Level:	Average



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COMMENTS

These are sponge filled cartridges. Sponge is prone to drying out which may cause it to accept less ink than stated. Easy cartridge to refill.

REQUIREMENTS

- ◆ 7Y754 5-6 ML of Appropriate Colour Ink
- ◆ 10 ml syringe with sharp needle
- ◆ Craft knife
- ◆ Head sealing tape and or cartridge clip.
- ◆ Steam for improved results

REFILLING METHOD

STEP 1.

Remove the top of the cartridge with a craft knife.

STEP 2.

Fill syringe with the appropriate ink and insert through the appropriate hole (see above diagram) into the sponge as far as it will go. Inject ink s-l-o-w-l-y into the cartridge making sure the needle is sitting on the bottom of the cartridge.

Cartridge may not accept more than 2-3 ml of ink. Sit cartridge on paper towel after filling to absorb any drips.

STEP 3.

Use the Ausjet priming tool to remove air locks and prime the cartridge. Then do a DAB test. Then run 2 to 3 cleaning cycles and do a test print.

STEP 4.

If not printing correctly gently steam or soak the printhead in hot water for 10-20 mins. Then repeat step3

Circuit Test for Lexmark 13 series Cartridges

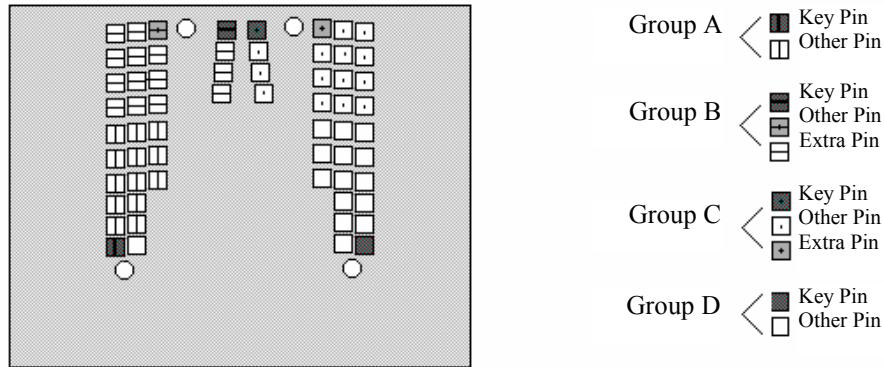


Fig. 2.74

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The method for the circuit test for these cartridges is similar to that of the HP cartridges (See Page 106) in that the pins are in four groups.

A resistance reading is taken between the key pin and any of the 'other' pins in that group. (See Fig. 2.74) The reading for a black cartridge is around 31Ω and for a colour cartridge 35Ω. With groups B and C the reading between the key pin and the 'extra' pin is 55Ω on the black cartridge. We recommend that you do not use the central pins (below the key pins) of groups B and C for testing as the results here are not consistent. A failure will show up in the other pins. As a general rule you need only test one pin in each group.

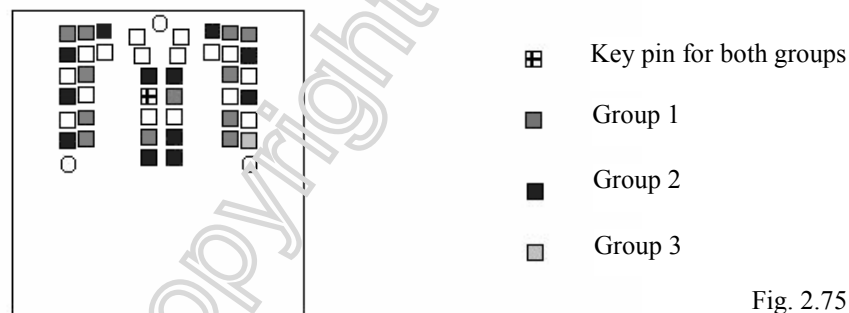


Fig. 2.75

Cartridge	Group 1	Group 2	Group 3
17G0060	67Ω	34Ω	80Ω
15M0120	69Ω	34Ω	80Ω
17G0050 12A1970	66Ω	33Ω	75Ω

Table 2.3

As you can see the readings for these cartridges are very similar. A reading within these ranges should indicate a working circuit.

Thanks to Shane Foreman at Ausjet for his work on these circuit tests.