

AP 5.x Printhead Replacement Procedure

Applicable machines: AP4.4, AP5.4, AP5.6

- **SWITCH OFF MACHINE:** Plugging in a printhead while the machine is powered on can result in the printhead or machine power supply being damaged beyond repair.
- Remove foil and labels from the machine and release the printhead pressure lever marked D in Fig.1 below.

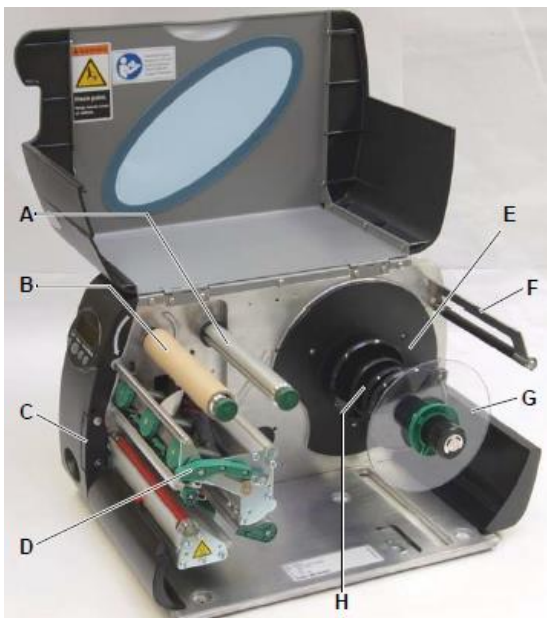


Fig.1 Printhead Pressure Lever (D)

- Open the knurled screws (A) holding the printhead onto the bracket as shown in Fig.2 below. A 4-inch printhead will have 1 and a 6-inch will have 2.

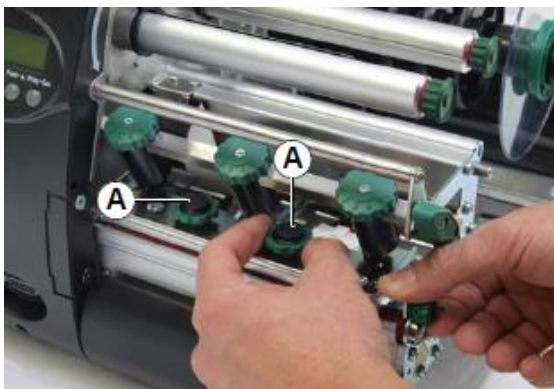


Fig.2 Printhead holding screws

- Once the printhead is free of the bracket, remove the cables (power and data) marked A in Fig.3 below.

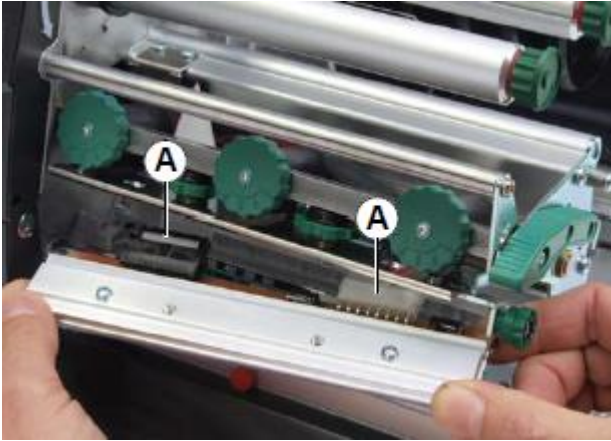


Fig.3 Printhead cables (A)

- Note the resistance value on the new printhead. This can only be seen before the printhead is installed.

In the example in Fig.4 below, the resistance value is 668 Ohms.



Fig.4 Printhead Resistance Value



- Install the printhead in the reverse order to the removal above. Take care that the printhead is straight on the printers with a 4-inch printhead. Switch on the printer.

- Change the resistance value in the printer settings:
 - In **OFFLINE** mode, press **PROG** to enter the main menu.
 - If a password is required, press Enter, Enter, Up, Down, Enter, Enter.
 - Arrow down to the **SYSTEM PARAMETER** menu and press Enter.
 - Arrow down to the **Head Resistance** sub menu.
 - Edit the value with the Up and Down keys to match the new printhead resistance and press enter to save.
 - The printer is now ready for use.

- Reference:
 - Printhead Part Numbers:

Printer Type	Printhead Resolution	Part Number
AP4.4	200dpi	A4031
	300dpi	A4431
AP5.4	200dpi	A4031
	300dpi	A4431
AP5.6	200dpi	A9967
	300dpi	A100169

Note: Photos shown may be for smaller/larger machine, however procedure is identical.