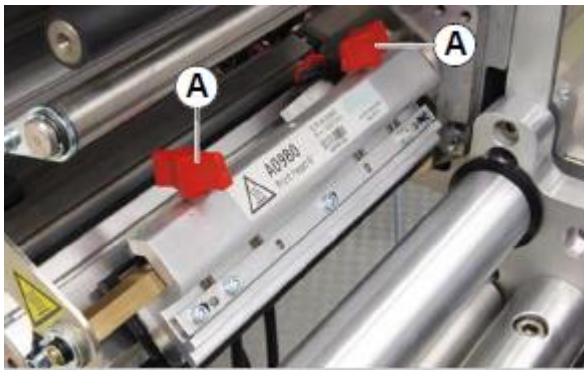


## Printhead Replacement Procedure

*Applicable machines: 640x, ALX92x, ALX73x*

- **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.
- Loosen off both red thumbscrews (A) on printhead as per Fig. 1 below and remove from printhead axle (gold coloured tapered bar).



**Fig. 1. Printhead Locking Thumbscrews**

- Unplug both cables from printhead by squeezing the tabs and pulling (Fig. 2). Once cables are unplugged, remove the printhead.



**Fig.2. Removal of Printhead Cables**

- Make a note of the resistance value of the new printhead resistance value (R = xxxx Ohm) marked on the bracket as shown in Fig. 3 below.



**Fig.3. Printhead Resistance Value**

- Plug in the cables and install the new printhead in reverse order to above, making sure the head is all the way in towards the inside of the machine on the axle as before. The thumbscrews will tighten against the taper of the axle to ensure the printhead is at the correct angle.
- Re-thread the ribbon and ensure the cables are not touching it. This could result in ripples in the ribbon which will effect print quality.
- Power back on the machine and allow it to go through its initialisation sequence.
- Change the resistance value to match the new printhead as per the following:
  - On the printer control panel, press Enter to go **OFFLINE**.
  - Press Esc to enter the parameter menu.
  - If password is required: *Enter, Enter, Up, Down, Enter, Enter*.
  - Arrow down to **SYSTEM PARAMETERS**, press Enter.
  - Arrow down to the **Head Resistance** sub-menu, press Enter, value will be displayed.
  - Use the up and down arrows to set the new resistance value (noted earlier).
  - Press Enter to confirm the new value and then Esc until back at the OFFLINE screen.
- The machine is now ready for use.

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