



ML 292/293/294

Notes:-

1. These printers all have pluggable personality modules in the left hand side of the printer.
2. The EPROMS to be replaced are in the personality module.
3. The links mentioned consist of three pins. They are marked A and B and are joined by a small rectangular plastic coated shorting Link.

To replace EPROMS:-

1. Remove the plastic surround (escutcheon) from left side rear, by pulling downwards.
2. Pull the personality module out of the printer. Remove the top cover by inserting a small flat blade screwdriver behind the plastic clips in the bottom easing them inwards and separating the top and bottom cover.
3. Locate Q1 and Q2, note orientation. Remove both of them and replace with the new EPROM or EPROMS.
4. The following table shows where links should be fitted according to EPROM size; which is printed on the EPROM itself.

PROM Size & Position		SP2		SP3		Par. only SP4 or SP6		Ser. Only SP1	
Q1	Q2	A	B	A	B	A	B	A	B
27256	27128	Yes	No	Yes	No	No	Yes	Yes	No
27256	27256	Yes	No	Yes	No	Yes	No	No	Yes
27512		No	Yes	No	Yes	No	Yes		
27512	27128	No	Yes	No	Yes	No	Yes	Yes	No
27512	27256	No	Yes	No	Yes	Yes	No	No	Yes

- Early Modules with four sockets.

Position from Size	Q1 SP1	Q2 SP2	Q3 SP3	Q4 SP4
27128	B	B	B	B
27256	A	A	A	A

5. Then replace the module cover and replace the module in the printer, carefully ensuring no pins are bent and the module is fully home and re-fit the plastic retainer.



Notes for all printers

1. Note which end of the EPROM has the indent in it, so the replacement can be aligned the same way.
2. It is strongly recommended that an extractor tool is used to remove the old EPROM. If an extractor is not available then insert a small flat bladed screwdriver under one end of the EPROM and gently ease it upwards, then insert the screwdriver under the other end and ease that end up, repeat until the EPROM is free.
3. When fitting a replacement EPROM ensure all legs are correctly aligned and none are bent when inserted.
4. To avoid static damage to EPROMS anti-static precautions should be taken. If you do not have the relevant equipment try to earth yourself by touching a radiator or similar, avoid touching the legs of the device and try to work in a room that does not have a highly static flooring.
5. Take care when moving boards or leads that no wires become trapped as this may result in permanent damage to transformers etc.