



## ML192/3, ML192+/3+, ML192 Elite/193 Elite

1. If a roll paper stand or a tractor assembly is fitted, remove it. Remove the platen knob and access cover. Undo the two recessed screws in the front corners of the printer case and lift the front of the case, the rear of the case will then come free.
2. If you are using the serial version of the printer it will be necessary to remove the serial board. This is secured by two screws adjacent to the cable connector, when these screws are removed it is then possible to pull the board off.
3. Locate Q8 and Q9 (if fitted) on the main board, note the orientation, remove them and fit the replacement(s).

### Link Settings

- I. Each link consists of three pins. They are marked A and B and are joined by a small rectangular plastic coated shorting link.
- II. If your printer does not have SP9 it does not matter so do not try to move it.
- III. The following table shows where links should be fitted according to EPROM size; which is printed on the EPROM itself. If fitting a 27512 EPROM there are three possible settings, depending on the board type, so all three may have to be tried.

PROM Size & Position		SP1		SP2		SP3		SP4		SP5	
Q8	Q9	A	B	A	B	A	B	A	B	A	B
27128		No	No	No	Yes	No	No	Yes	No	No	No
27128	27128	No	No	Yes	No	No	No	Yes	No	No	No
27256	27256	No	No	No	Yes	Yes	No	Yes	No	Yes	No
27128		Yes	No	Yes	No	No	Yes	Yes	No	No	No
27512		Yes	No	No	No	No	Yes	No	Yes	Yes	No
27512		No	Yes	No	No	No	Yes	No	Yes	Yes	No
27512		No	No	No	Yes	No	Yes	No	Yes	Yes	No
27256	27256	No	No	Yes	No	No	Yes	Yes	No	Yes	No
27512	27256	Yes	No	Yes	No	No	Yes	No	Yes	No	No
27512	27256	Yes	No	Yes	No	No	Yes	No	Yes	Yes	No

- IV. If after fitting the EPROM you get additional line feeds Which cannot be corrected from the menu then moving SP5 to NO may cure the problem.
4. Replace the case, access cover, and platen knob etc.



## 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.