



Basic-D/S v.II mainboard exchange

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*Index Braille opens
the door to Windows*



Old Basic without rollers

- **If your Basic is not equipped with rubber rollers on the backplate, it has to be updated with a new backplate before installing an exchange mainboard**
- **Order a backplate order no 32024**
- **2002 version of backplate with rollers and increased fan size will improve the paper control and cooling**
- **Basic embossers without rollers was delivered until 20/9-97 serial no up to 20992**





Dismantle backplate

- **Make sure the power cable is disconnected**
- **Unscrew the four screws, (PH #2), check arrows on picture**
- **Disconnect paper out sensor cable from mainboard and remove the backplate.**



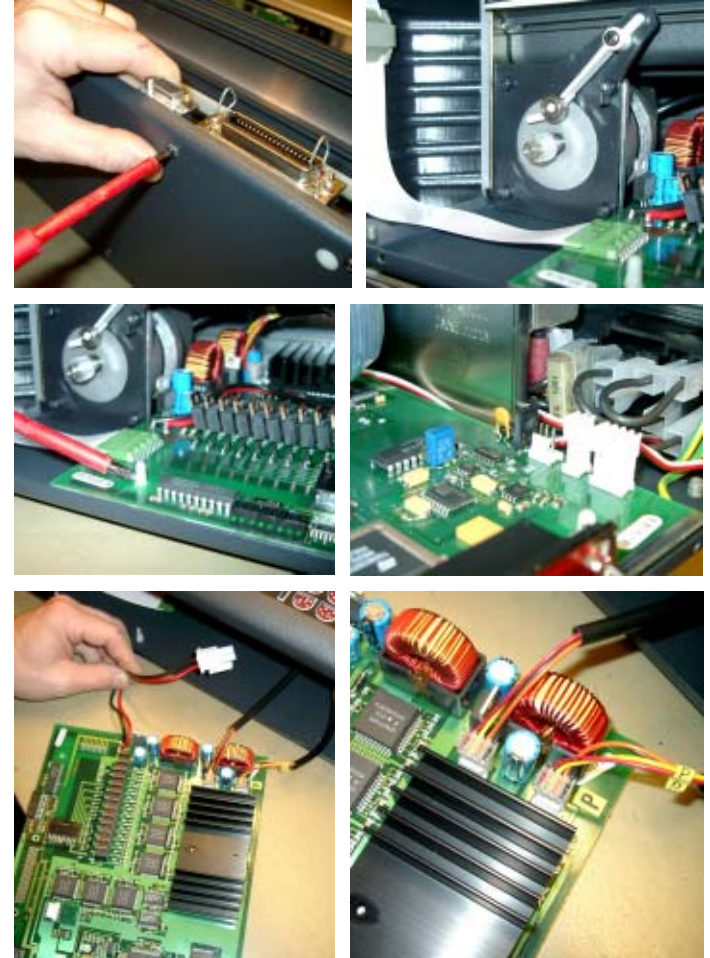
Remove printinghead

- **Release printhead axle lock ring (motor side) and remove printhead cable**
- **Pull out axle (motor side) from the connector in plastic cover and remove it from the printhead**
- **Place printhead to the left, tilt it and remove it carefully**



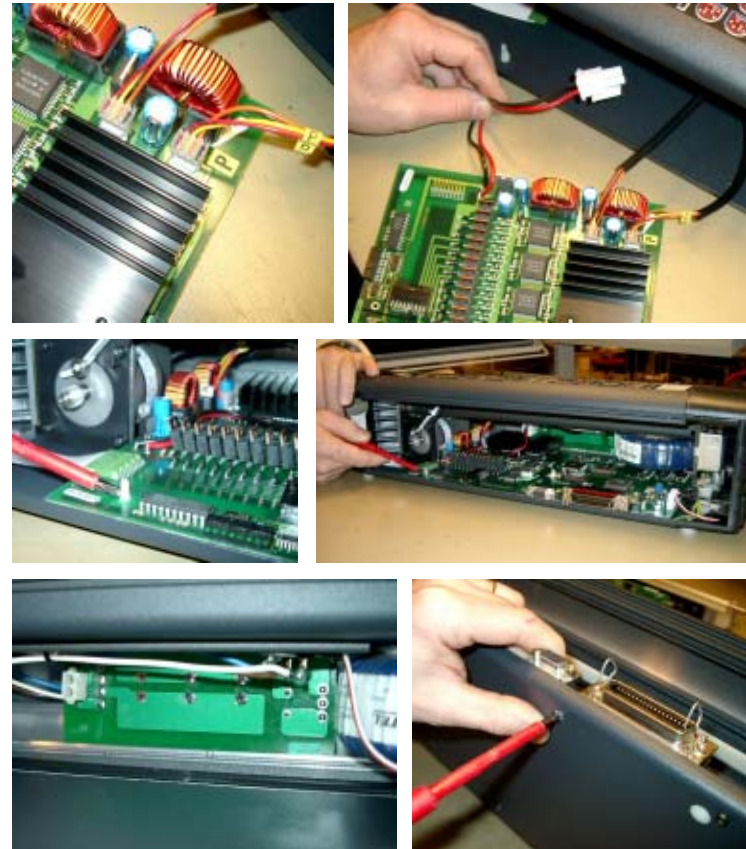
Remove mainboard

- **Un-screw ground screw (between serial and Centronics interface) under the embosser (PH #1)**
- **Open the two plastic holders by pressing a tool against it**
- **Disconnect cables for control panel, fan, speaker and paper in sensor**
- **Carefully remove mainboard and disconnect power cable, printhead motor cable and paper motor cable, labelled "P"**



.....Install new mainboard 1/2

- **Connect the two motor cables, make sure paper motor marked “P” is connected close to the board edge**
- **Insert mainboard in position and in the plastic clips**
- **Connect power supply cable**
- **Check that the cables are outside of the printhead moving volume**
- **Connect the ground screw under the embosser (PH #1)**



.....Install new mainboard 2/2

Connect the following cables:

- **Paper in sensor cable from tractor**
- **Speaker cable**
- **Fan cable. In case backplate model 2002 is used, the fan on the backplate should be connected instead of the casing fan**



Install new printhead

- **Insert axle in printhead and the locking ring on axle (motor side)**
- **Install printhead carefully by moving it to far right position, place the right end of steel axle in side cover holder, lift up the ball bearing holder in position. Push in left axle end into side cover with the gear bar between gear wheel and ball bearing.**
- **Lock axle with the locking ring**
- **Check that the printhead can be moved smoothly**
- **Connect printhead cable**



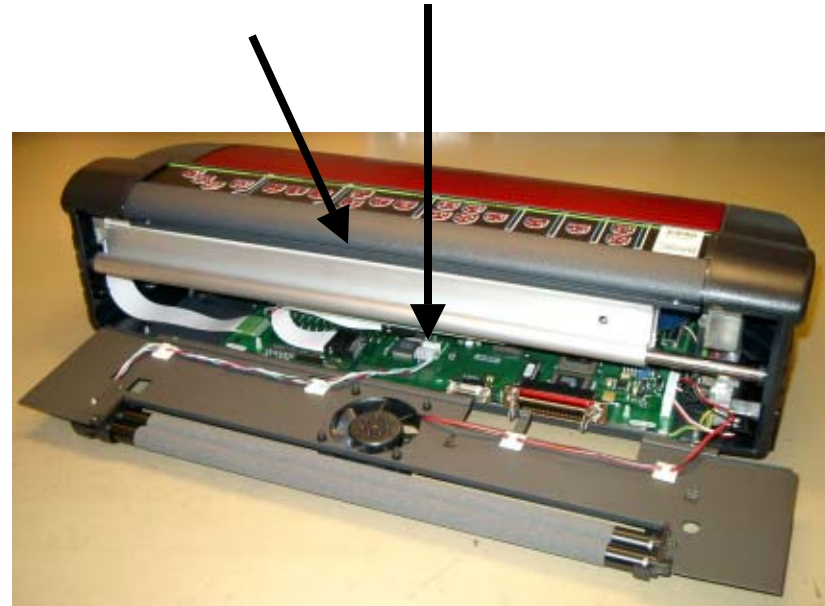
Install backplate

- **Connect paper-out sensor cable**
- **Place backplate into position and screw four screws, note upper left is longer than right one**
- **Test printout**
Install paper and hold "on line" pressed during "power on", press "on line" once again
- **Check that the print quality of all 13 hammers**
- **Check that the rollers moves smoothly**
- **It may be necessary to adjust vertical alignment**



Upgrading to roller backplate

- **Remove the antistatic brush**
- **Make sure that the mainboard is equipped with paper out sensor connection board**



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