

8

Carefully close the platen, ensuring that the PC card lead does not foul the platen catch.

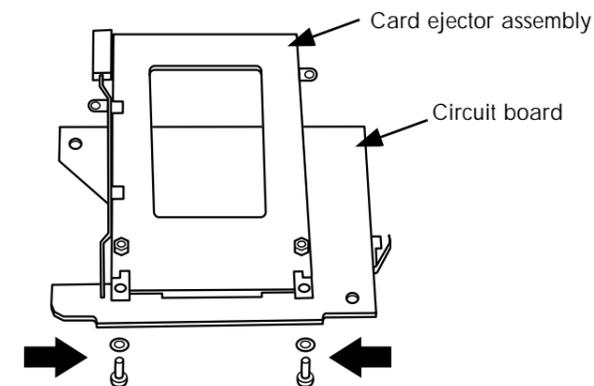
Apply power, insert a PC card, and carry out a functional test on the recorder.

PC Card retrofit instructions Circular-chart recorders

These instructions are intended as an aid to service engineers and others who are required to retrofit a pc card unit to a multi-point circular-chart recorder.

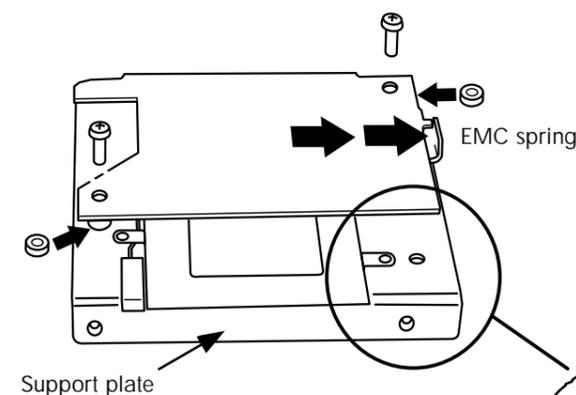
WARNING!

Isolate the recorder from all hazardous voltages (supply or signal) before opening the platen.



1

Fix the metal card ejector assembly to the printed circuit board, using two M2 x 6 screws (pan-head Posidriv), internal-tooth washers, and nuts.



2

Whilst compressing the EMC spring, attach the card ejector/PCB assembly to the support plate, using two M3 x 10 screws (pan-head Posidriv), and internal-tooth washers, inserting two spacers, as shown.

3

Fit the earth loom and tag-plate, using an M3 x 6 screw (pan-head Posidriv), and internal tooth washer, to the support plate. Gently bend the crimp tag upwards, so that it will not foul the platen, when the pc card unit is fitted.



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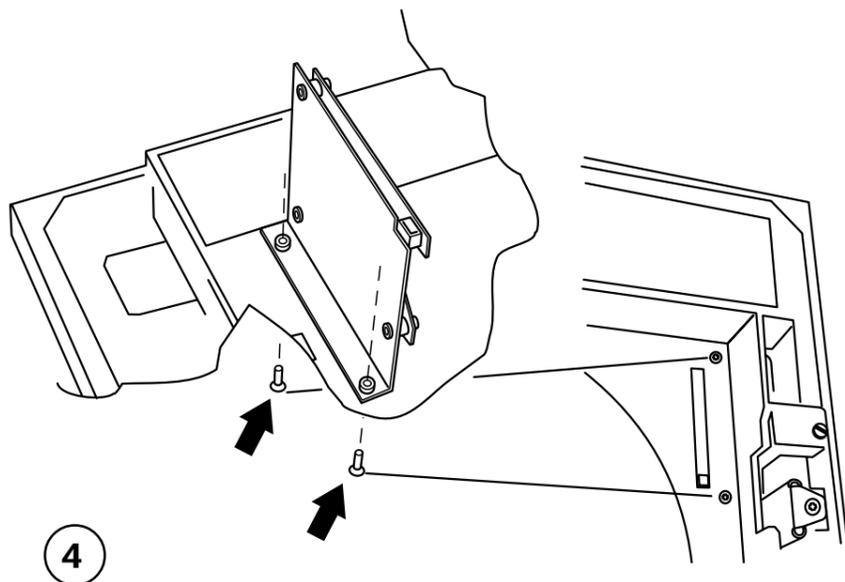
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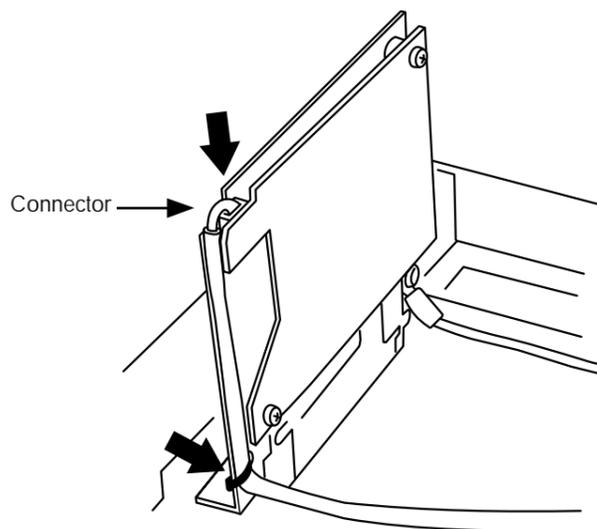
e-mail: info@eurotherm.co.uk

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4

Ensuring that the orientation of the PC Card unit is as shown, fit the unit to the underside of the recorder platen, using two M3 x 8 countersink head screws.



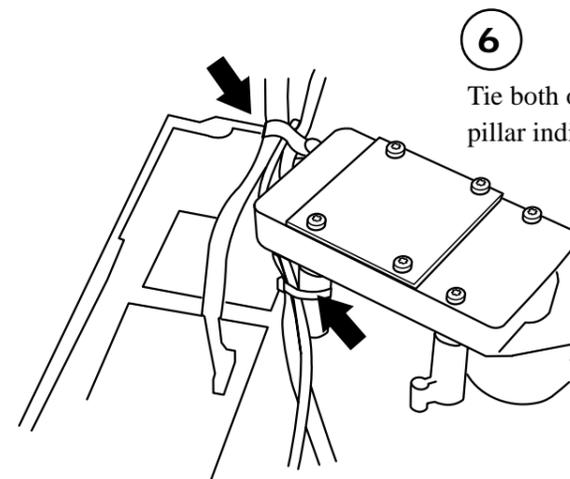
5

Take the multi-way loom (harness) supplied with the kit, and note that at one end, one of the wires has a short length of sleeving round it. Take the connector at the other end of the loom from this sleeved end, and plug it into the mating connector on the PC-card circuit board.

Tie the loom to the PC-card assembly, as shown, carefully ensuring that the loom lies neatly, and as far as possible between the circuit board and the support plate.

CAUTION

If this loom is not tied in properly, it is likely that it will foul the platen catch, when the platen is closed, or when it is subsequently reopened, and will be cut, be pulled out of the connector, or damaged in some other way.



6

Tie both of the new looms to the printhead motor support pillar indicated in the figure.

7

Inside the recorder case, connect the multiway cable to Con 12 on the microboard. Connect the new earth loom to the earth stud, located as shown in the figure. (It is likely there will be one loom connected here already.) Fit the new option key located as shown.

