



Vertical alignment Everest, 4X4 PRO & Basic v. II

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*Index Braille opens
the door to Windows*



Reasons for misalignment

- **Hammer adjustment on the mainboard does not correspond to the hammer version in printhead.
Run hammer program**
- **Gear wheel on printhead motor is not correctly glued**
- **For Index Basic, the backplate is not equipped with rollers which hold the paper (serial no <20993 produced until September 1997)**
- **For Index Basic, motor bracket is not fixed enough to embosser chassie (serial no <20763, produced until May 1997)**

Hammer alignment menu

Vertical Alignment

Impact Level

	1	2	3	4	5
Text Mode 2.2 mm	0	0	0	1	2
Text Mode 2.5 mm	3	4	5	6	7
Graphic Mode 2.0 mm	5	6	7	8	9
Graphic Mode 2.5 mm	15	16	17	18	19
Graphic Mode 1.6 mm	8	9	10	11	12

PrintOut Mode

- Text Mode 2.2 mm
- Text Mode 2.5 mm
- Graphic Mode 2.0 mm
- Graphic Mode 2.5 mm
- Graphic Mode 1.6 mm

Option

Embosser: Everest Port: LPT1

Send to Embosser
Default values
Cancel



How hammer program works

- **Start "hammer" in program/index braille/WinBraille**
- **Select test/vertical alignment**
- **Adjust "centre" dot position, each step moves the dot line 0.15 mm. Arrow right one step 0.15 right on middle row.**
- **There are 25 positions where the alignment can be adjusted - impact level 1,2,3,4,5 and embossing mode 2.2, 2.5, graphic 2.0, 2.5 and 1.6 mm**
- **After adjusting the combinations of impact and embossing modes a paper will be embossed displaying all combinations**

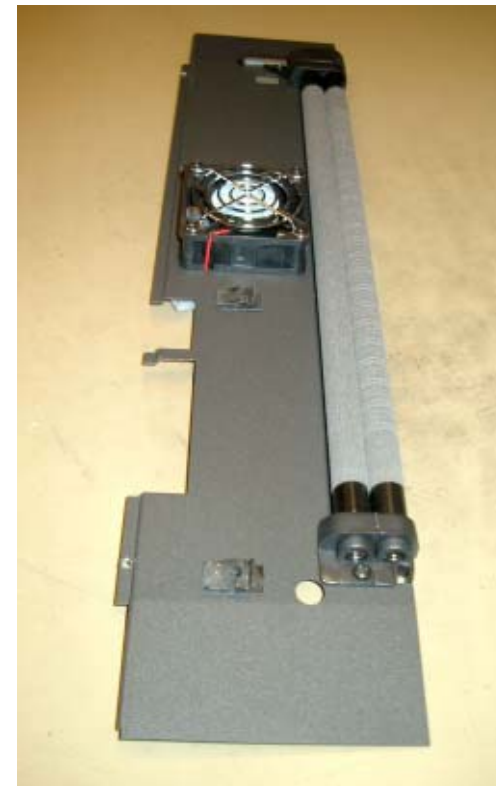
Attach the gear wheel

- **Check that the gear wheel is properly connected by holding the motor axel with a pair of pliers and move the gearwheel by hand.**
- **If the gear wheel is not probably glued, re-glue it in the following way;**
 - ◆ **Remove and clean the gear wheel and motor axle, rub the surface with a sand paper**
 - ◆ **Glue the gear wheel into correct position with "Loctite 638"**
 - ◆ **Wait minimum four hours before using the embosser**



Backplate with rollers

- **Basic embossers were delivered without rubber rollers until s/n #20992, produced before September 1997**
- **To equip older Basic with roller backplate you need the following:**
 - ◆ **Backplate with rollers & fan part no 32024**
 - ◆ **Mainboard with sensor connector for the roller optical sensor**
- **Contact Index service on email support@indexbraille.com for information**



Basic – motor bracket

- **Basic embossers were delivered with a weaker type of printhead motor bracket connection until s/n #20763 produced before May 1997**
- **For further details, contact Index service on email support@indexbraille.com**