

# Installation guide for new mainboard GL 291 On-Line Dolev 4press

**Part no. 217189**

Dismount the old motherboard and remove the two PVC tie rods in the center of the board.  
Mount the new motherboard and process PCB as shown on fig. 1. Use two self-adhesive tie rods for the two center holes as shown on fig. 2.

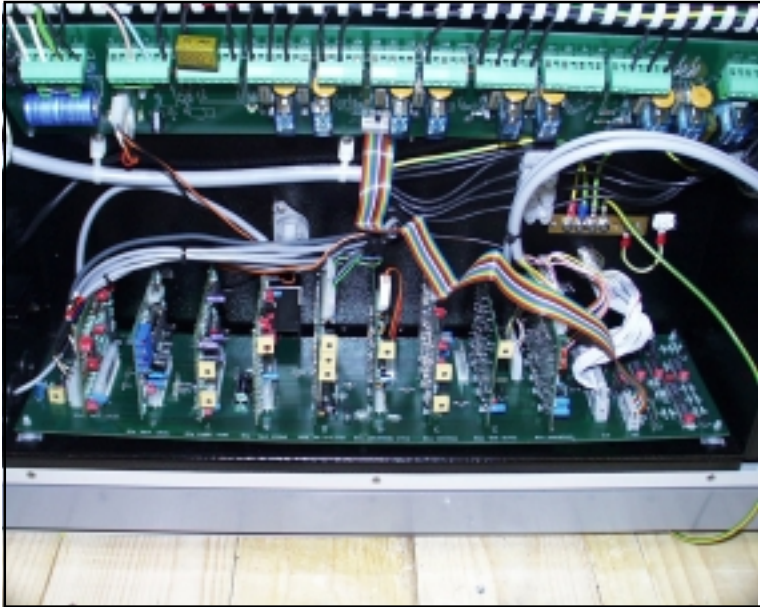


Fig. 1.



Fig. 2.

Mount with two new self-adhesive tie rods to secure perfect support.

The cable from the outlet switch is too short for the new board. It must therefore be moved as shown on fig. 3.

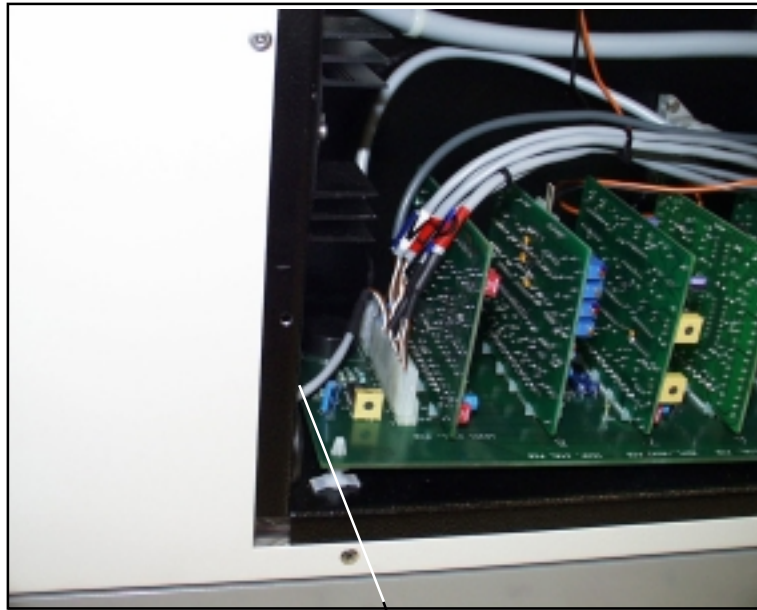


Fig. 3.

New position of incoming cable.

**Important !! Please make sure that the jumper E/F is in position E. The pink wire in the cable that connects the JP8 on the motherboard must be removed (just cut away with a pliers).**

**Please note !! The position of the different boards is not the same as on the old motherboard. Check with the silk prints on the board. Extend the relay and power supply cables if needed.**

Connections are as follows:

Relay PCB	JP1	Inteface PCB	Slot 1
Panel PCB	JP3	Puls gen. PCB	Slot 2
Dev. temp. probe	JP9	Process PCB	Slot 3 New !!
Fix. temp. probe	JP10	Film transport PCB	Slot 4
Level sensors	JP11	Film switch PCB	Slot 5
Outlet switch	JP12	speed Ctrl PCB	Slot 6
Namur sensor	JP13	Repl/Aox PCB	Slot 7
Vaccum switch	JP6 pin 3-4	Temp Ctrl PCB	Slot 8
Cable to plotter	JP4	Level PCB	Slot 9

Locate the gearwheel shown on fig. 4.



Fig. 4.

Gearwheel for  
tacho sensor

Turn the gearwheel and move the two 4 mm screws as shown on fig. 5.

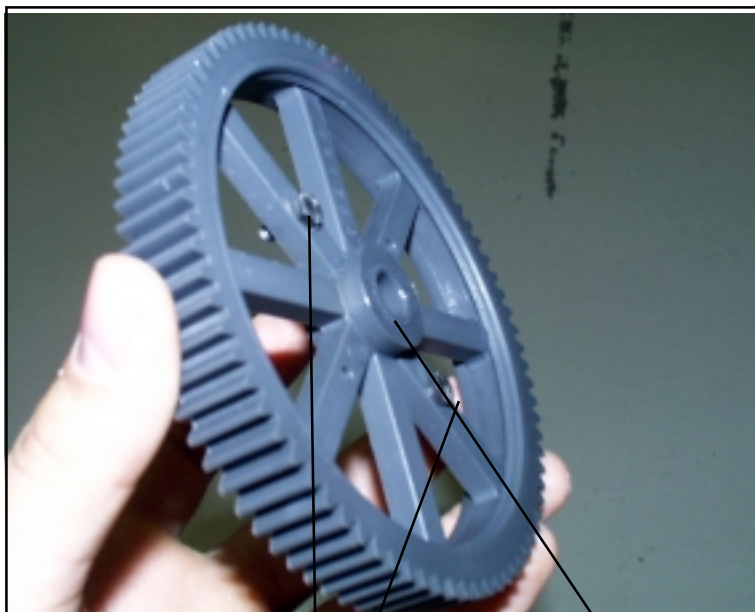


Fig. 5.

4mm screws

Biggest flange of  
gearwheel

Adjust the sensor position as shown on fig. 6.

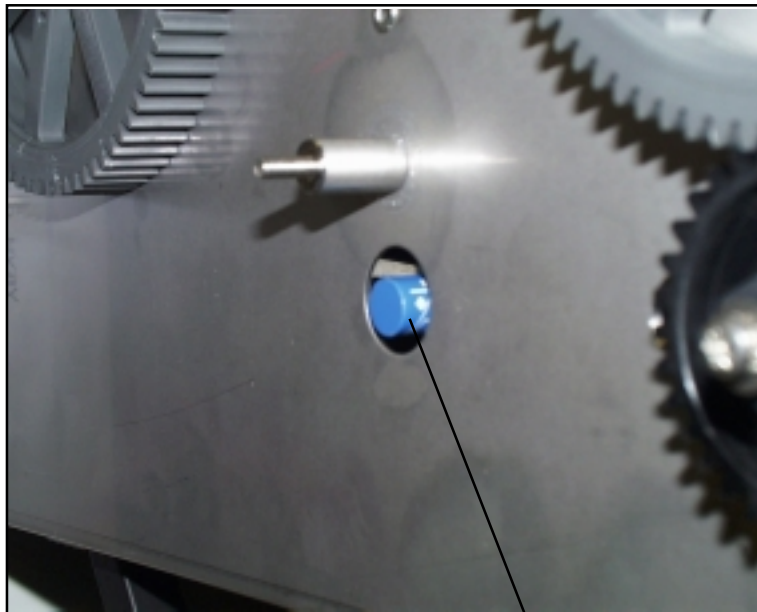


Fig. 6.

Sensor must be 2-3 mm through the metal plate to secure perfect signal.

Mount the gearwheel laterally reversed as shown on fig. 7.

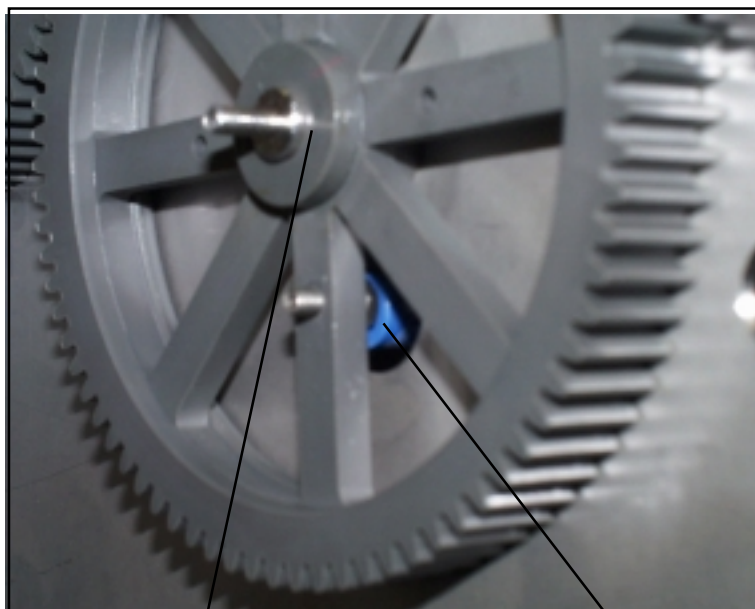


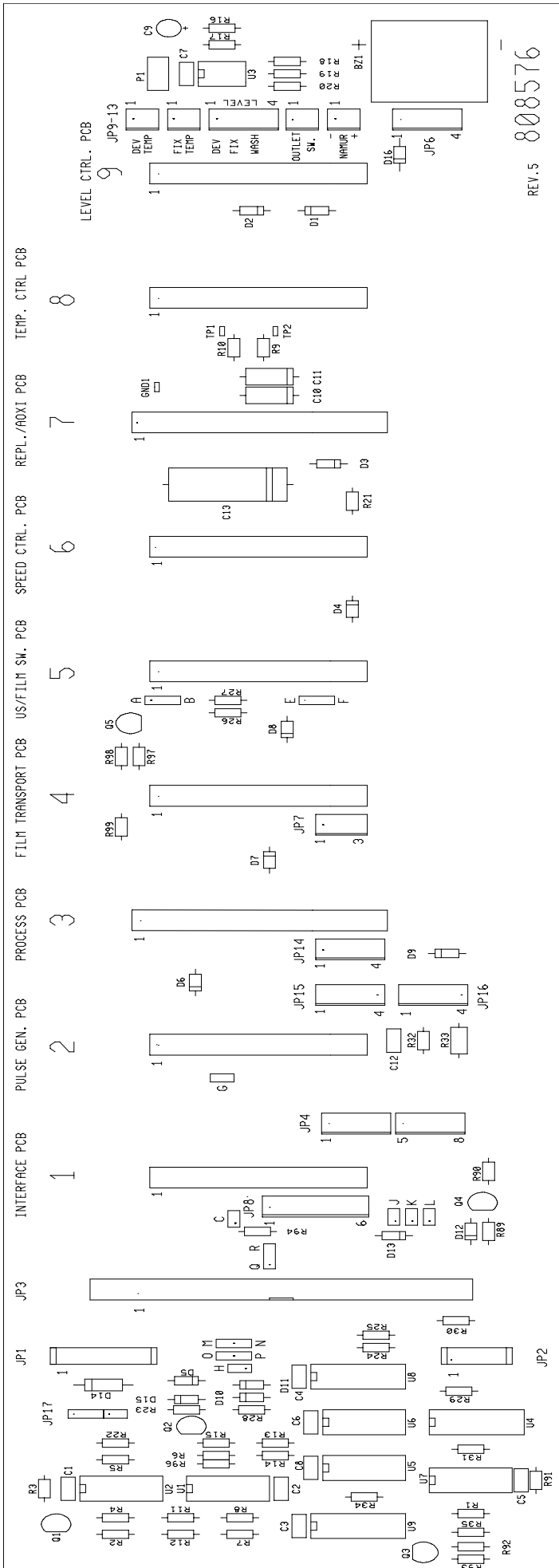
Fig. 7.

Mount PVC washers to minimize backlash

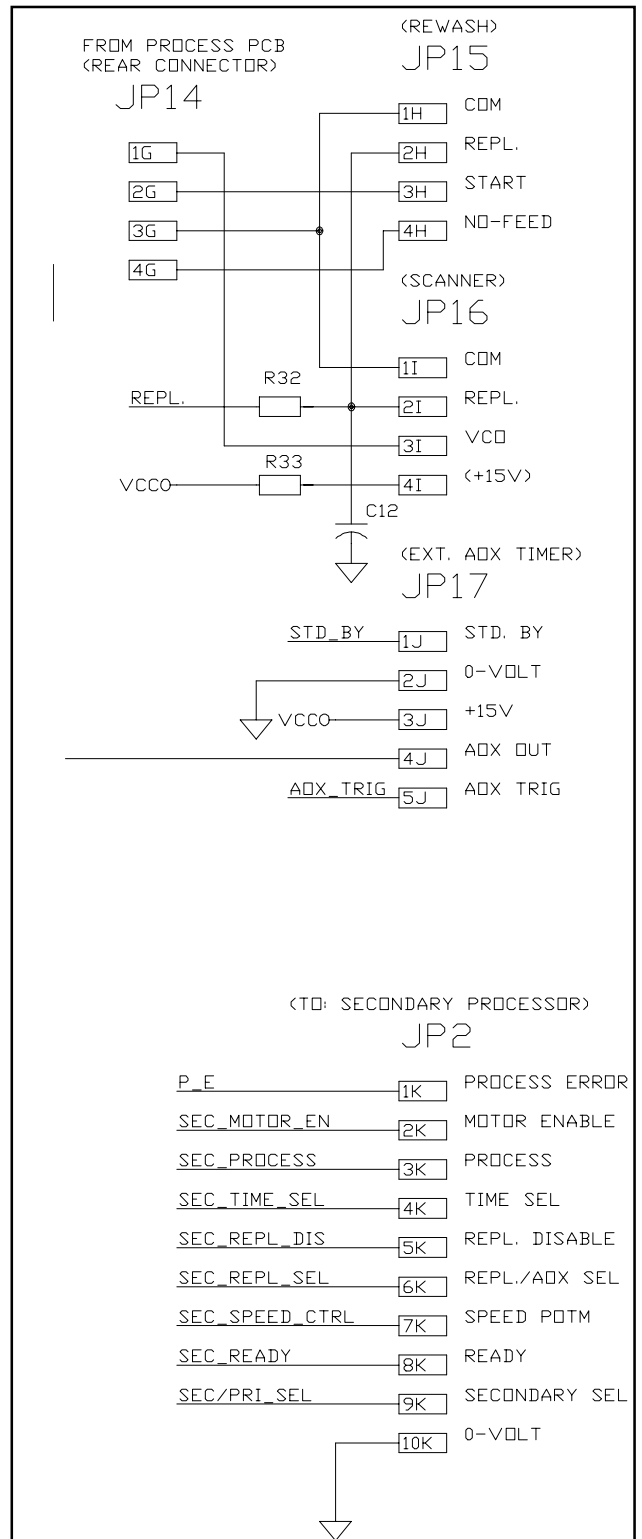
Distance min. 1 mm  
max. 1,5 mm

**Important !! Make sure that the screws are not able to touch the sensor.**





REV.5 808576



Motherboard PCB. Location