

PRM-W3 Electronic Board

Improved substitute for industry standard *savitec* 300W

Quick Installation Procedure

PRM-W3 electronic control board is a pin to pin improved substitute for original savitec 300W electronic boards. You just have to change the full old original (broken) board with a PRM-W3 new one. The new PRM-W3 electronic board is designed using modern technologies, such as MOS power drivers and microcontroller logic. It can ensure continuity with Savitec older weft feeders electronic replacements for the future, and it works even better than originals, due to our experience in weft feeder electronic development.

Using these new electronic boards, you will no more need to use old Savitec hybrid circuits for replacements, because these boards are completely different (improved!) from the original, although pin to pin compatible.

We personally design and produce them, and will provide them (and replacements) for many years in the future, independently from Savitec new marketing strategies.

PRM-W3 boards Features:

- Pin to pin improved substitutes for Savitec 100W and 300W electronic boards
- Control board for bi-phase AC motor
- Speed adjustment by frequency and voltage modulation
- PWM systems
- Board supply voltage: 48 V/DC
- Microcontroller control logic
- New high performance automatic speed adjusting algorithm
- Cooler working temperature
- Microcontroller improved optical yarn reader sensing
- Special programming features on demand

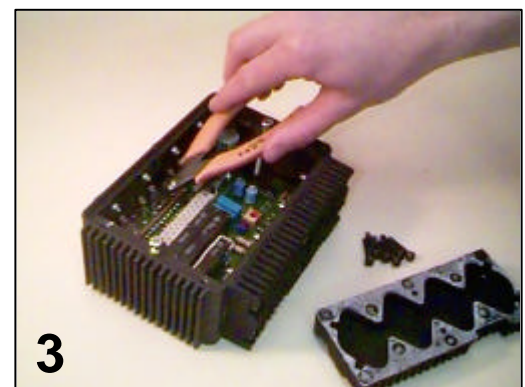
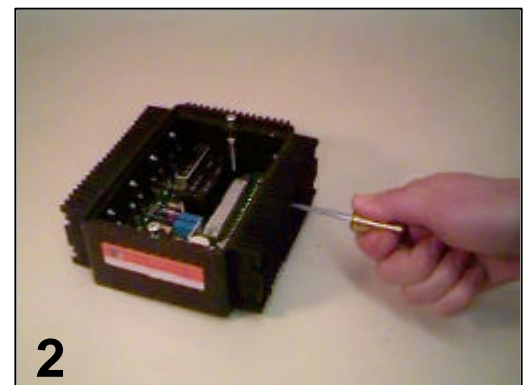
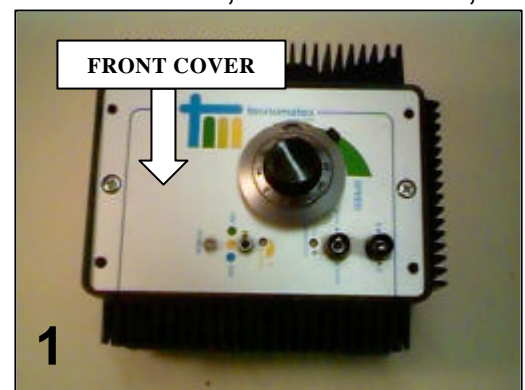
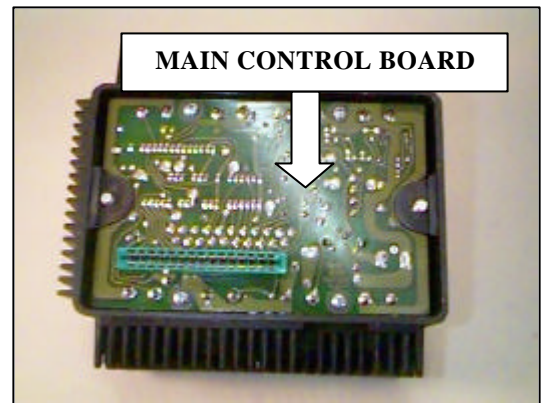
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PRM-W3 is a kit composed of two electronic boards:

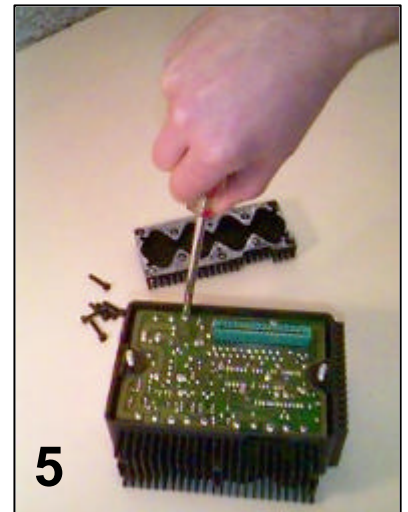
- One (PRM-W3a) substitutes the main control board, with power MOS, microcontrollers, etc.
- The other (PRM-W3b) is a small board that substitutes the original attached to the alluminium front cover, with switches, trimmers and one LED.

PRM-W3 installation is quite easy, you just have to:

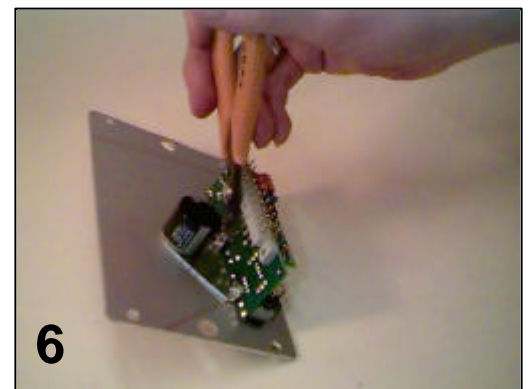
1. Take off the electronic box from the weft feeder, and remove the alluminium front cover from the electronic box.
2. Unscrew the heat-sink on the two sides of the electronic box.
3. Cut the wires that connect the power transistors to the main board.
4. Unscrew the power transistors from the electronic box and throw them away: you don't need them no more.



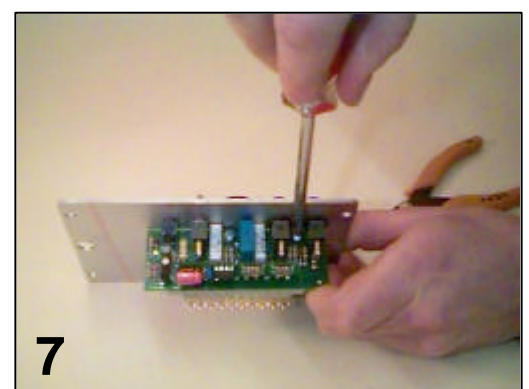
5. Unscrew the old original main electronic board from the metal box, and remove it. Insert the **new** PRM-W3a main electronic board in the same metal box and screw it in.
6. Take the alluminium front cover. Cut the wires that connect the potenziometer to the small board. Don't remove the potenziometer from the alluminium front cover: you need it.



7. Unscrew the old original small board from the alluminium front cover, and remove it. Insert the **new** PRM-W3b small electronic board in the same place and screw it in. Connect the original potenziometer on the front cover to the **new** PRM-W3b small electronic board.



8. Re-install the heat-sink on the two sides of the electronic box.
9. Re-install the alluminium front cover on the electronic box.
10. Re-install the electronic box on the feeder.



Contact us for further information, orders and pricing:

PRECMA S.r.l.

Fax +39-039/5300590

precma@precma.com

<http://www.precma.com>