

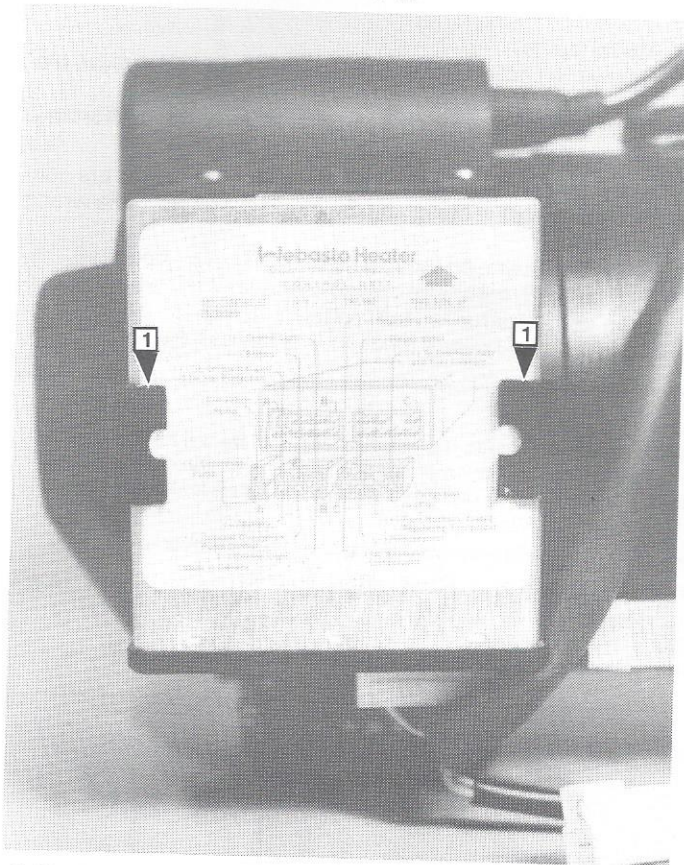
6.17 Replacing the control unit

Built into the control unit is an under-voltage protection which cuts out when voltage drops to the following:

- 18.5 ±1 volt for 24 volt System
- 9.5 ±1 volt for 12 volt System

The low-voltage protection resets automatically when the heater is started with the switch or the timer.

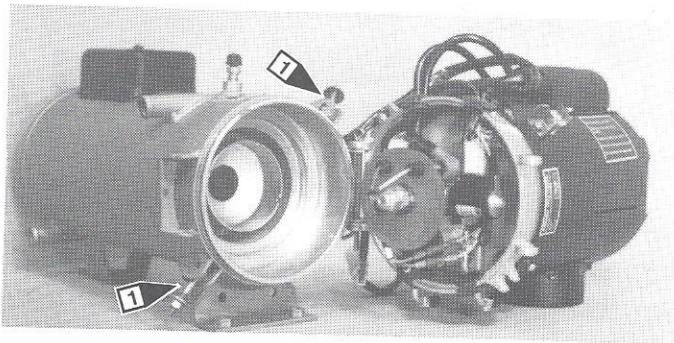
1. Detach the connectors from the control unit and pry the unit loose from the retaining clamp (1).



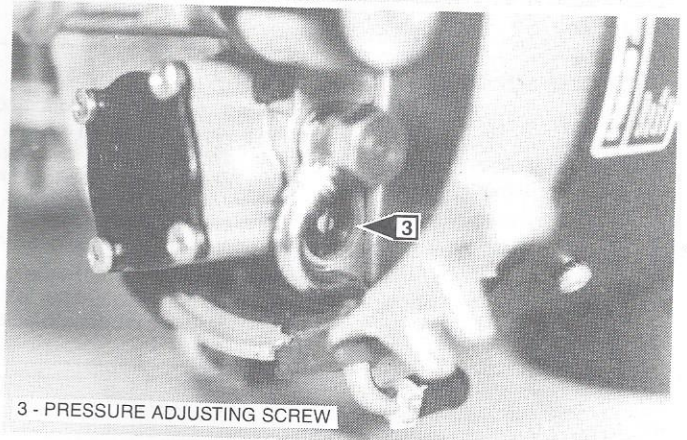
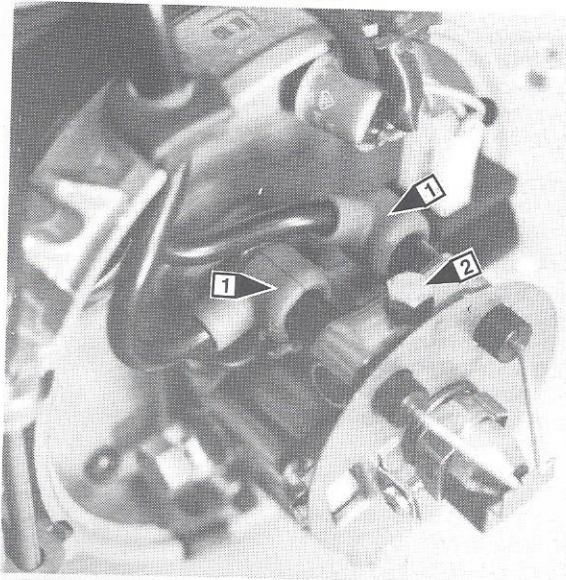
2. Press securely the new control unit into the attachment and re-fit the electrical connections.
3. Seal thoroughly all around the electrical connections with a sealing compound.
4. Switch on and check function.

6.18 Checking and adjusting the fuel pressure

1. Loosen the eye bolt nuts (1) to release the eye bolts and hinge out the combustion unit without stretching the fuel lines and electric cables.

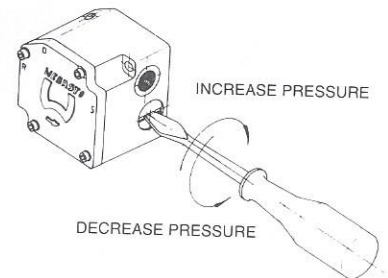
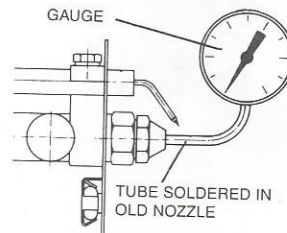


2. Disconnect the ignition cables (1) from the electrodes and unscrew (2) the electrodes.



3 - PRESSURE ADJUSTING SCREW

3. Remove the nozzle and fit nipple and pressure gauge.



FUEL PRESSURE:	DBW 2010	8 - 0,5 bar (116 - 7 psi)
	DBW 2020	10 ± 0,5 bar (145 ± 7 psi)
	DBW 300	10 ± 0,5 bar (145 ± 7 psi)
	DBW 350	10 ± 0,5 bar (145 ± 7 psi)

4. Stop the heater and remove the nipple and pressure gauge.
5. Tighten the nozzle.
6. Fit the ignition electrodes, flame control and ignition cables into position and adjust the electrode gap with gauge (see page 21, item 6.9).
7. Close the burner unit and tighten the nuts on the eye bolts. Fit new band clamps around the electric cables if the old ones were removed.
8. Check function.