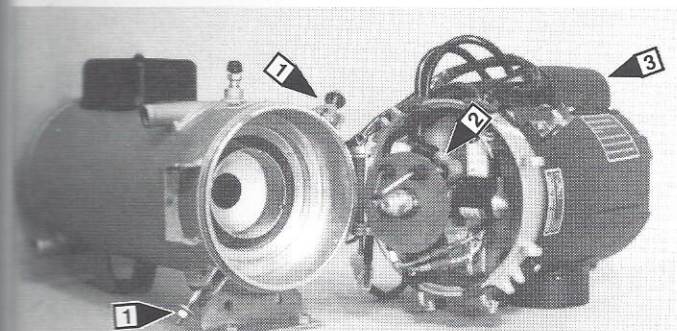
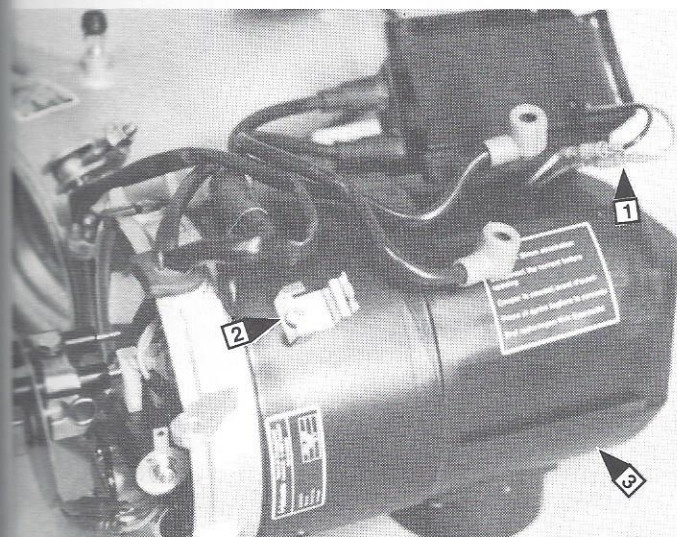


6.10 Replacing the electric motor

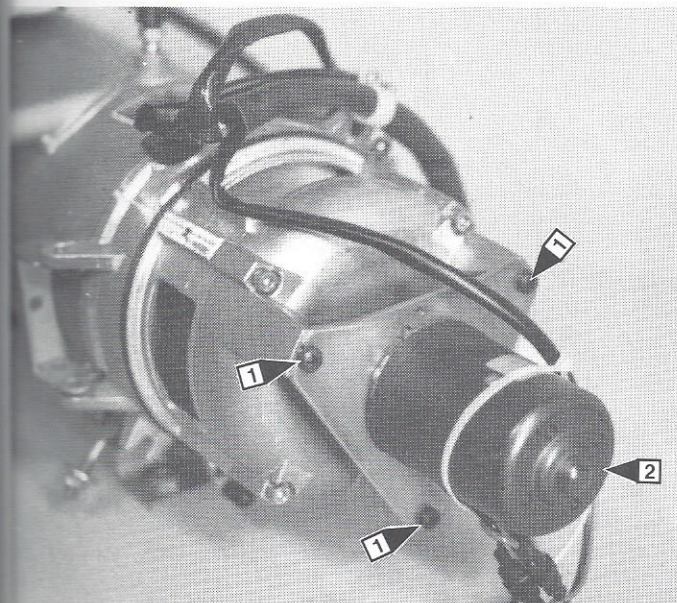
1. Remove the connectors from the control unit.
2. Loosen the eye bolt nuts (1) to release the eye bolts and swing out the combustion unit without stretching the fuel lines and electric cables.
3. Disconnect the ignition cables (2) from the electrodes and unscrew the ignition unit (3).



4. Lift up the ignition unit, disconnect wires (1) and unscrew the four screws (2) securing the protection cover (3).



5. Pull off the protection cover far enough in order to disconnect the electric cables from the electric motor. Then move the cover to the one side.
6. Unscrew the mounting flange (1) and electric motor (2).

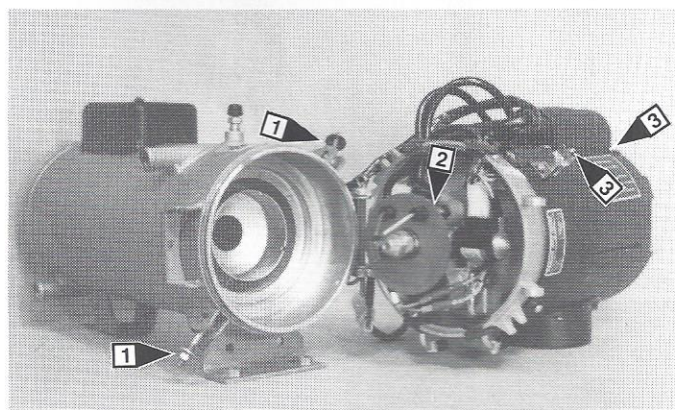


7. Screw the new electric motor to the flange and then to the housing.
8. Connect the electric cables to the motor.
9. Push on the protection cap. Wires to the ignition unit have to go through the hole in the protection cap.
10. Screw on the protection cap. Make sure that the cable harness is placed correctly in the groove in the housing.
11. Connect wires to the ignition unit and screw it on.
12. Tighten the protection cover. Use one of the upper screws to clamp tight the control unit cable harness.
13. Close the burner unit and tighten up the nuts on the eye bolts. Fit new band clamps around the electric cables if the old ones were removed.
14. Insert the connectors into the control unit and seal thoroughly all around the connection with a sealing compound.

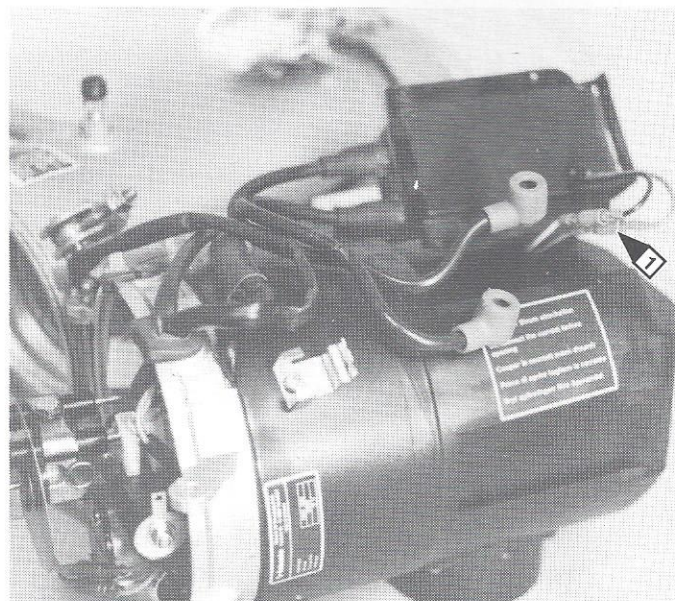
6.11 Replacing the ignition unit

NOTE! If the ignition is faulty, check also the flame detector (see page 21, item 6.8)

1. Loosen the eye bolt nuts (1) and release the eye bolts and swing out the burner unit without stretching the fuel lines and electric cables.
2. Disconnect the ignition cable from the electrodes (2) and unscrew the ignition unit's four retaining screws (3).



3. Lift up the ignition unit sufficiently in order to disconnect the connectors for the electric cables (1).



4. Press the connectors for the electric cables (1 upper picture) together.
Brown — Brown
Black — Yellow