

# Motor Replacement Procedure

## - Clipper Vac® Tote® & Mini® -

- Step 1** Unplug the unit.
- Step 2** Remove the top lid using a screw driver
- Step 3** Disconnect the wires to the motor being replaced. If the Green wire is connected to a screw, cut the wire close to the motor, leaving the wire for connecting to the green wire on the new motor.
- Step 4** Remove the hose clamp. Unfold the rubber sleeve from the flange. The motor should drop through to the bottom compartment.
- Step 5** Insert the new motor from the bottom up. Pull the motor up through the shelf.
- Note:** *On Tote® models put the motor inside the bottom compartment first. Then lift it up and put the filter on it before proceeding.*
- Place something under the filter to hold the motor in place while folding the rubber sleeve over the flange and installing the clamp. On Mini® Clipper Vac® units, use a 3 lb coffee can with some spacers added to get the correct height. Always have the filter on at the time of installing the motor!
- Step 6** Fold rubber sleeve over the flange and install clamp. Place a small piece of sturdy paper under the tightening fastener on the hose clamp to prevent any cutting of the rubber sleeve as you tighten the clamp
- Step 7** Important: when replacing the filter, remember to put the wing nut on the bottom of the filter! This is a locking nut; please be careful not to over tighten. It lays level with the motor base.

**Step 8** Reconnecting the wires:

First, connect the green wire to the other green wires and place the yellow cap on the top (which is provided).

Next, connect the black wire with the red terminal already attached to the On/Off switch.

Lastly, connect the remaining white wire to the white wire.

**Step 9** Plug the unit in and test run it.**Step 10** Reinstall the top lid.

**Note:** Do not tighten any screws until all are started in their holes.