

# Motor Change Procedure

## - Eco 1® & Tornado® Force Dryers -

- Step 1** Unplug machine from power source before beginning.
- Step 2** Remove screws from bottom cover.
- Step 3** The bottom cover is sealed using a silicone sealant. Use a utility knife to separate the cover from the main cabinet. This can be done by placing the blade at one of the corners and tapping the handle behind the blade until it goes between the cover and the cabinet and working your way around until the cover is free.
- Step 4** Remove the top cover screws and top cover. The top cover is not sealed.
- Step 5** Inside the bottom of the cabinet, remove the four bolts holding the motor in place.
- Step 6** Some early models used silicone sealant to seal the motor to the cabinet. Remove one brush from the motor to allow clearance. Disconnect all wires from the motor. Using a hammer and block of wood, strike the center of the top of the motor to free it from the cabinet.
- Step 7** After removing the defective motor scrape excess silicone sealant from the cabinet.
- Step 8** Remove one brush from replacement motor. Insert the replacement motor into the cabinet. If the motor is tight it may be necessary to scrape the inside of the hole in the cabinet. If necessary use the utility knife or a piece of emery paper to do this.
- Step 9** Line up the four bolts with the cabinet holes and install the bolts with 2 washers on top of each bolt (between the bolt head and cabinet). The replacement motor has a gasket and requires no silicone sealant. Tighten the bolts compressing the gasket. Attach wires as they were on the original motor.
- Step 10** Clean excess old sealant from mating surfaces on the cabinet and bottom cover.
- Step 11** Test run machine before applying sealant to the cabinet. Replace the foam.

**Step 12** Apply a bead of silicone (use 100% silicone caulking) to the cabinet and install the bottom cover screws. Allow to dry at least 5 hrs before using dryer.

**Step 13** Install the top cover. Do not use sealant on top cover.