

# Motor Change Procedure

## - Junior® & Granddaddy® Force Dryers -

- Step 1** Unplug the Dryer before proceeding.
- Step 2** Use a utility knife to separate the top cover from main cabinet. The cover is sealed using silicone sealant. This seal must be cut to remove the cover to access the motors. Remove gray foam directly under the top cover.
- Step 3** Disconnect wires from defective motor. Wires are sometimes tucked between the foam shelf area.
- Step 4** Lay dryer on its back (words on front facing up).
- Step 5** Remove screws from bottom cover. Lower cover to the table. Set dryer upright over cover.
- Step 6** In the top compartment remove hose clamp from defective motor.
- Step 7** Unfold rubber sleeve from the flange and motor will drop into the bottom compartment. Lay dryer on its back and remove the motor.
- Step 8** Set something such as a block of wood (approximately 2") on the bottom cover directly beneath the hole where the motor was mounted.
- Step 9** Set new motor on top of this block. Block will hold the motor up to allow the rubber sleeve to be folder over the flange and hose clamp to be installed.
- Step 10** Tip the cabinet over the motor so that rubber sleeve goes through the flange. Folder rubber over flange and install clamp (be sure to tighten the clamp).
- Step 11** Remove the block from beneath the motor and install bottom cover.

**Note:** *DO NOT use silicone on bottom cover.*

**Step 12** Connect wires: Green wire on new style motors will connect to green wire inside unit. This wire may have been previously connected to a green screw casing. Twist wires together and use yellow wire cap to connect the green wires. The remaining two wires will be attached using existing yellow wire caps where the two wires were removed from the old motor. Connect 1 to 1.

**Note:** *Either wire can go to the wire or black connection, it doesn't matter.*

**Step 13** Test run the machine with the cover off.

**Step 14** Clean loose sealant from top cover and cabinet.

**Step 15** Apply a bead of silicone caulking to the mating surfaces on dryer. Install top cover. Start all screws before tightening them.

**Step 16** Allow to dry for 6 hours. Trim excess sealant after it is dry.