

## HBB250 (220-240V) Blender Technical Data Sheet

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### Trouble Shooting Guide

- **Symptom:** During a normal cycle the machine stopped.
- **Cause:** The unit possibly overheated. Check the electrical circuit to verify that power is getting to the machine. If so, unplug the unit for 20-30 minutes. Plug in the unit and try to operate. If the problem persists proceed to the repair guide.

### Repair Guide

#### Housing Disassembly (see figure 1)

- Turn the power switch to “off” position and unplug the machine.
- Remove feet.
- Remove 4 screws under feet.
- Carefully lift bottom from the unit; wires will limit movement.

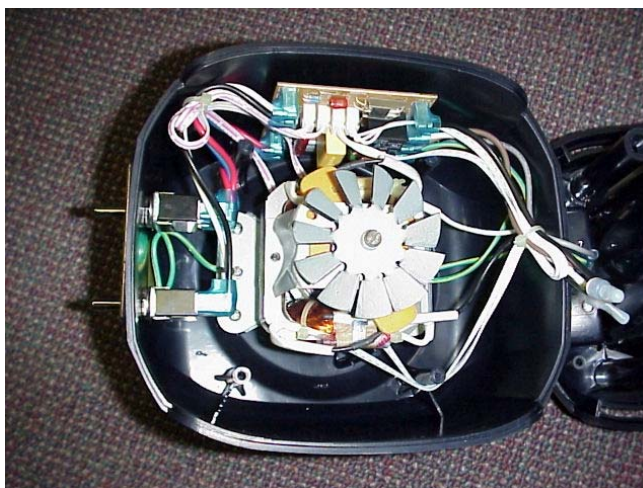



Figure 1. Machine interior.

#### Wiring Detail

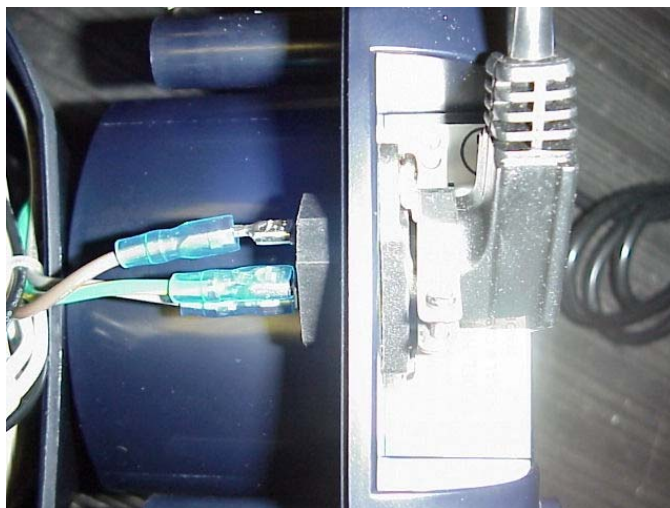
##### Cord (see figure 2)

- The gray lead coming the cord socket attaches to terminal J1-L on the PC Board. This lead carries line current.
- The green lead coming from the cord socket is attached to the ground terminal on the motor. This lead carries no current.
- The brown lead coming from the cord socket attaches to terminal J2-N on the PC board. This lead carries no current.

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	Request Number:	CME-2706	Revision Date:	4/8/08	Approved by:			
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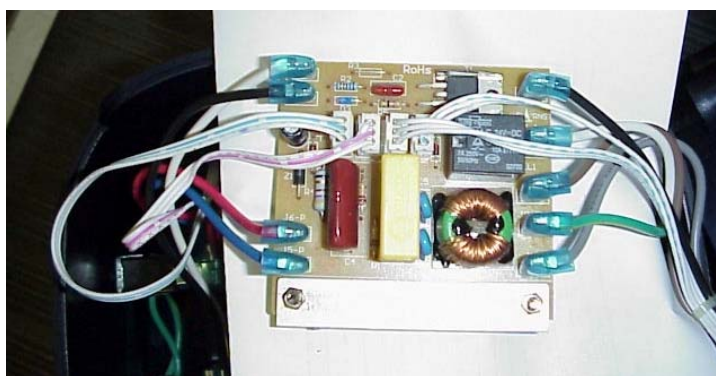
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**Figure 2. Cord Socket.**

### **PC Board (see figure 3)**

- Terminal J4-M has a black lead that attaches to the motor on the side opposite the PC board.
- Terminal J3-M has a white lead that attaches to the motor on the same side as the PCV board.
- Terminal J2-N has a brown lead that attaches to the cord socket.
- Terminal J9-GND has a green lead that attaches to the ground terminal on the motor.
- Terminal J1-L has a gray lead that attaches to the cord socket.
- Terminal J7-S has a white lead that attaches to the hi side of the Hi/Low switch
- Terminal J8-S has a black lead that attaches to the low side of the Hi/Low switch.
- Terminal J6-P has a red lead that attaches to the pulse side of the On/Off/Pulse switch with a jumper that attaches to the On side of the same switch.
- Terminal J5-P has a blue lead that attaches to the center terminal on the On/Off/Pulse switch.
- The four 3-conductor cables attach to the jar sensors.



**Figure 3. PC Board**

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### **Switches**


- Important: The ground harness must be connected to the on/off switch, the hi/low/pulse switch and the motor ground.
- The switches are keyed to ensure alignment.
- See PC board wiring instructions for switch wire placement.

### **Motor Removal and Replacement**

- Disassemble housings as described in **Housing Disassembly** above.
- Remove the two ground screws.
- Disconnect the motor leads from the PC board.
- Remove the four screws securing the motor to the upper housing.
- Lift the motor from the shroud.
- Re-assemble in reverse order.

### **PC Board Removal and Replacement**

- Carefully slide a long Philips head screwdriver between the board and the housing and remove the two screws that secure the bracket.
- Lift the PC board from the machine and disconnect the wires.
- Re-assemble in reverse order.

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