



SERVICE TIP #R16

CONTACTOR REPAIR

SYMPTOM:

The grinder has power but is not working. **If you have power to the grinder and the switch light comes on when you turn on the switch but the grinder does not run, do the following:**

1. **UNPLUG THE GRINDER.**
2. Place the grinder on its back on a table, letting the power cord hang down between you and the table to avoid crimping.
3. Take a large Phillips screwdriver and remove the four corner base screws.
4. Slowly pull away the base so that it gently hangs down between you and the table.
Be careful not to pull any of the wires from the terminals.

You will see the following parts on the base:

- A black switch that slides off the right side panel.
- Two white, round tubes. These are capacitors.
- A black terminal (junction) block with wires going to and from it.
- A black circuit breaker with two wires attached to it.
- A light grey-blue contactor that handles the power (AB M09)

The contactor sends the power to the motor when you turn the power switch on. **Your contactor may have a bad contact**, but it also has spare contacts that can be used to temporarily fix your problem. **Refer to the wiring diagram on the base of the grinder.**

On your grinder, the contactor is powered through "A1" and "A2" from the switch. The motor is powered from "T2" to "L2."
"T1" – "L1," "T3" – "L3," and "14" – "13" are three spare contacts that can be used.

5. Move the wire from "T2" to "T1," and
6. Move the two wires from "L2" to "L1."
7. Tighten the screws.

Reassembly:

Slide the switch back into the side panel.
Place the base back on the grinder, making sure that none of the wires get crimped between the base and the side panels.
Screw the four corner screws in place.
Set the grinder upright.
Plug the power cord into the outlet and test the grinder.

Order a replacement contactor for future use, Part Number 57006.

Visit our website at www.ditting.com for this and other service tips.