WARNING: DIAGRAM

WARNING: ERRORS CAN CAUSE IMPROPER AND DANGEROUS OPERATION. VERIFY PROPER OPERATION AFTER SERVICING.

CAUTION: DISCONNECT ELECTRIC CURRENT BEFORE SERVICING. LABEL ALL WIRING PRIOR TO DISCONNECTION WHEN SERVICING CONTROLS.
CAUTION: TO SERVICE MACHINE, POWER MUST BE DISCONNECTED!

**IGNITOR**

The ignitor is a silicon thermistor. When it attains approximately 1800°F, the sensor (mounted on the side of the burner) detects this high radiant heat and opens its contacts. This energizes the secondary solenoid valve coil, allowing gas to flow through the gas valve orifice and ignite the hot glowing ignitor. The total sequence occurs within 15 to 20 seconds. The ignitor is mounted to the burner at an angle with the silicon carbide stem extended into the flame area. The stem is very fragile and susceptible to contamination from skin oils. **HANDLE WITH CARE**

**RESISTORS**

The resistor, located in the thermostat heater circuit, causes the thermostat heater to generate varying amounts of heat. Resistors are connected to the timer or selector switches. Refer to the applicable wiring diagram.

**PROBLEM**

1. Disconnect Laundry Center from electrical supply.
2. Remove the dryer access panel and safety cover.
3. Disconnect wires from motor.
4. Replace the fuse.
5. Reconnect all grounding devices.

**DRYER DRIVE BELT**

To remove or replace the dryer drive belt:
1. Disconnect dryer from electrical supply.
2. Remove front panel and air duct assembly.
3. Disconnect belt from idler pulley and motor pulley.
4. Replace belt from dryer drum.
5. Install new belt.
6. Reverse procedure to reassemble.

**OPERATION - DRYER**

On electric model dryers, air is drawn into the heater housing and across the open coils of the electric heater. On gas model dryers, air is drawn into the combustion chamber and over the burner flame. It then is drawn through the tumbling clothes, picking up moisture and lint. Lint is filtered out as the air passes from the drum into the blower where it is discharged. The air temperature is controlled by the bias thermostat according to the setting of the thermostat. The length of the drying cycle is controlled by the number of minutes selected on the timer, or automatically controlled by the timer, in conjunction with the electronic moisture sensor, for the type of fabric selected (automatic dry cycle).

To operate the dryer, first check the lint screen and be certain that the screen is completely free of all lint. Place clothes in dryer and close door. (Dryer will not operate unless door is closed.)

**DRUM SPEED**

48-54 RPM in a counterclockwise direction as viewed from the front.

**TEMP**

- AT EXHAUST DUCT: NO LOAD OR LINT TRAP

**TRIP TEMP**

- HIGH: 145-190°F
- MEDIUM: 10-11°F lower than high heat
- LOW: 2-10°F lower than medium heat

**NOTE: LONG EXTENDED VENTS AFFECT DRUM TEMPERATURES.**

**SAFETY THERMOSTAT**

The safety thermostat is wired in series with the motor. The purpose of the safety thermostat is to shut down the dryer if the control thermostat and hi-limit thermostat fail to open. Once the safety thermostat opens, the dryer must be replaced. The condition that caused it to open must be corrected.

To check for an open thermostat, remove the harness wires from the thermostat terminals. Test for continuity. You should have continuity through a good thermostat at room temperature.

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To replace ignitor:
1. Disconnect Laundry Center from electrical supply.
2. Remove the dryer access panel and safety cover.

**CHECKING THE MOTOR**

1. Disconnect from ignitor to coil harnesses.
2. Check resistance value of ignitor. It should be approximately 50 to 800 Ohms depending on the room temperature.

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To replace ignitor:
1. Disconnect Laundry Center from electrical supply.
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