

Section 4

PREVENTIVE MAINTENANCE INSTRUCTIONS AND TROUBLE SHOOTING GUIDE

4-1 PREVENTIVE MAINTENANCE

DAILY

1. Clean lint screen. Use soft brush if necessary.
2. Check lint screen for tears or holes. Replace if necessary.
3. Clean lint from screen compartment.

MONTHLY

1. Remove lint accumulation from end bells of motor.
2. Remove lint from control compartment and coin acceptor mechanism.
3. Remove lint and dirt accumulation from top of the dryer and all areas above, below and around the burners and burner housing. Failure to keep this portion of the dryer clean can lead to a build-up of lint creating a fire hazard.
4. Place a few drops of light oil on clothes door hinge.
5. Grease bearings and shaft of intermediate drive pulley. Use Alemite gun and grease No. BRS-2 Molycote.
6. Remove lint and dirt from temperature sensor.

QUARTERLY

1. Check all belts for looseness, wear or fraying.
2. Inspect gasket of door glass for excessive wear.
3. Check tightness of all fasteners holding parts to support channel.
4. Check tightness of all set screws.
5. Inspect impeller for tightness of blades to hub.
6. Check tightness of cylinder shaft retaining nut.
7. Remove back inspection plate and check tumbler thru-bolts for tightness.
8. Remove lint accumulation from primary air ports in burners.
9. Grease pivot pins and tension arms where in contact with each other.

SEMI-ANNUALLY

1. Remove and clean main burners.
2. Remove all orifices and examine for dirt and hole obstruction.
3. Remove all lint accumulation. Remove front panel, lint screen housing and remove lint accumulation.

ANNUALLY

1. Check intermediate pulley bearings for wear.
2. Check and remove any lint accumulation from exhaust system.

4-2 TROUBLE SHOOTING GUIDE

PROBLEM	PROBABLE CAUSE	REMEDY
MOTOR (TUMBLER) DOES NOT TURN	1. Loading door not closed — Door switch not made.	Close door completely.
	2. Electronic Control not energized. — Is a "Temp." indicator light on.	Activate control.
	3. Push-Start Switch Operation	Hold switch in until motor is at full speed.
	4. Wire connections between coin acceptor, electronic control, and motor.	Check Wire Connections.
	5. Motor thermal protection is tripped out—overheated	Vacuum lint out of front end of motor.
	6. Motor inoperative	Check capacitor and motor.
	7. Push — Start Switch inoperative	Check and Replace Membrane switch Ass'y.
	8. Electronic control inoperative	Check and Replace.
	9. Broken Drive Belt	Check and Replace.
	10. Coin Switch inoperative	Replace coin switch
MOTOR (TUMBLER) TURNS, BUT NO SPARK AT BURNER	1. Fuse Blown 1.5A (located near transformer.)	Check for cause — replace.
	2. Temperature Sensor	Check and Replace
	3. Transformer inoperative	Should have 24V. at secondary side.
	4. Blower damper not operating (damper plate or switch)	Adjust plate or switch operation — See Fig. 3-5
	5. Ignition Module inoperative	Check and Replace.
	6. Spark Gap at Electrode Assy.	Gap spec. $\frac{1}{8}$ " + .030
	7. Improper ground (yellow grounding wires)	Clean and Replace wire and connections as needed.
	8. Spark System locked out	Open loading door to break circuit—wait 30 sec.—try again.
	9. Hi-Limit Therm. inoperative	Check and Replace.
	10. Electronic Control Inoperative	Check and Replace

P R O B L E M

P R O B A B L E C A U S E

R E M E D Y

MOTOR (TUMBLER) TURNS AND SPARK IS OK, BURNERS DO NOT LIGHT



SLOW DRYING OR LOW TEMPERATURE IN DRYER



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|---|--|
| 1. Gas not on | Check shut-off valve. Also check shut-off on main gas valve. |
| 2. Spark Electrode not centered over burner | Center electrode ends over center of burner. |
| 3. Spark Electrode too far from burner (too high or low). | Check— $\frac{3}{8}$ " from burner to electrodes. |
| 4. Improper gas pressure at manifold | Check pressure at plug in manifold — (see Fig. 5-11). |
| 5. Inoperative coil on gas valve | Check gas valve operator coils — replace. |
| 6. Bad wire connections from Ignition Module to valve | Check and Repair. |
| | |
| 1. Incorrect temperature setting | Check Programmed value |
| 2. Air restrictions — | |
| A.) Lint screen clogged | Clean Lint screen. |
| B.) Improper exhaust system or clogged exhaust pipes | See installation instructions for exh. size — clean. |
| C.) Damper plate in Tee Assy. not opening | Clear damper plate movement |
| D.) Inadequate make-up air supply | Each dryer requires 1 sq. ft. make-up air. |
| 3. Temp. Sensor Dirty | Clean Sensor Tube |
| 4. Defective Hi-Limit Thermostat | Check and Replace. |