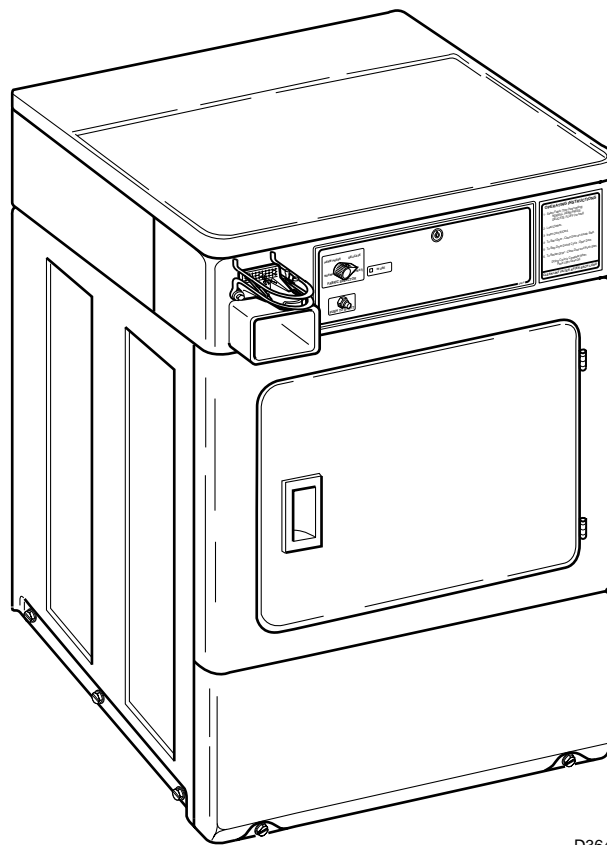


Front Control Dryers

Metered

See Page 6 for Model Numbers



D364P

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Section 1

Safety Information

Throughout this manual and on machine decals, you will find precautionary statements (“CAUTION,” “WARNING,” and “DANGER”) followed by specific instructions. These precautions are intended for the personal safety of the operator, user, servicer, and those maintaining the machine.

DANGER

Danger indicates the presence of a hazard that **will** cause **severe** personal injury, death, or substantial property damage if the danger is ignored.

WARNING

Warning indicates the presence of a hazard that **can** cause **severe** personal injury, death, or substantial property damage if the warning is ignored.

CAUTION

Caution indicates the presence of a hazard that **will** or **can** cause **minor** personal injury or property damage if the caution is ignored.

Additional precautionary statements (“IMPORTANT” and “NOTE”) are followed by specific instructions.


IMPORTANT

The word “IMPORTANT” is used to inform the reader of specific procedures where minor machine damage will occur if the procedure is not followed.


NOTE


The word “NOTE” is used to communicate installation, operation, maintenance or servicing information that is important but not hazard related.


In the interest of safety, some general precautions relating to the operation of this machine follow.

	<h2>WARNING</h2>
<ul style="list-style-type: none">• Failure to install, maintain, and/or operate this product according to the manufacturer's instructions may result in conditions which can produce serious injury, death and/or property damage.• Do not repair or replace any part of the product or attempt any servicing unless specifically recommended or published in this Service Manual and that you understand and have the skills to carry out.• Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the product is properly grounded and to reduce the risk of fire, electric shock, serious injury, or death. <p style="text-align: right;">W006R1</p>	

(continued)

	<h2 style="text-align: center;">WARNING</h2>
<p>To reduce the risk of electric shock, fire, explosion, serious injury or death:</p> <ul style="list-style-type: none">• Disconnect electric power to the dryer(s) before servicing.• Close gas shut-off valve to gas dryer(s) before servicing.• Never start the dryer(s) with any guards/panels removed.• Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.	
W001R1	

	<h2 style="text-align: center;">WARNING</h2>
<p>Repairs that are made to your products by unqualified persons can result in hazards due to improper assembly or adjustments subjecting you, or the inexperienced person making such repairs, to the risk of serious injury, electrical shock, or death.</p>	
W007	

	<h2 style="text-align: center;">WARNING</h2>
<p>If you or an unqualified person perform service on your product, you must assume the responsibility for any personal injury or property damage which may result. The manufacturer will not be responsible for any injury or property damage arising from improper service and/or service procedures.</p>	
W008	

NOTE: The WARNINGS and IMPORTANT INSTRUCTIONS appearing in this manual are not meant to cover all possible conditions and situations that may occur. Common sense, caution and care must be exercised when installing, maintaining or operating the dryer.

Always contact your dealer, distributor, service agent or the manufacturer about any problems or conditions you do not understand.

Locating an Authorized Servicer:

Alliance Laundry Systems is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Alliance Laundry Systems also recommends contacting an authorized technician and using authorized factory parts.

Section 2

Introduction

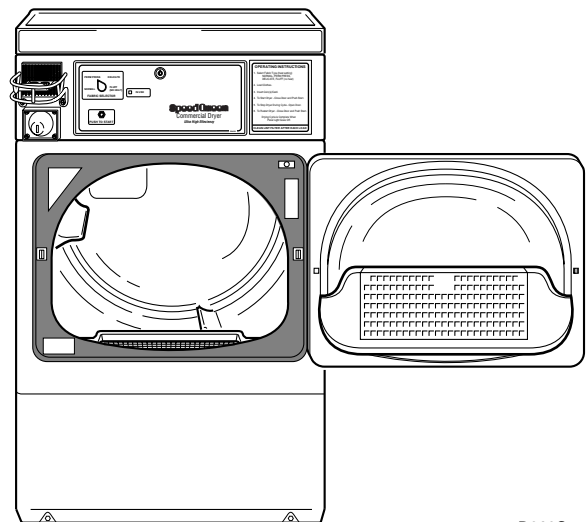
Customer Service

If literature or replacement parts are required, contact the source from whom the machine was purchased or contact Alliance Laundry Systems at (920) 748-3950 for the name and address of the nearest authorized parts distributor.

For technical assistance, call (920) 748-3121.

Nameplate Location

When calling or writing about your dryer, be sure to mention model and serial numbers. Model and serial numbers are located on nameplate. Nameplate is in one of the four corners of the door well. The door well is the shaded area shown.



D383S

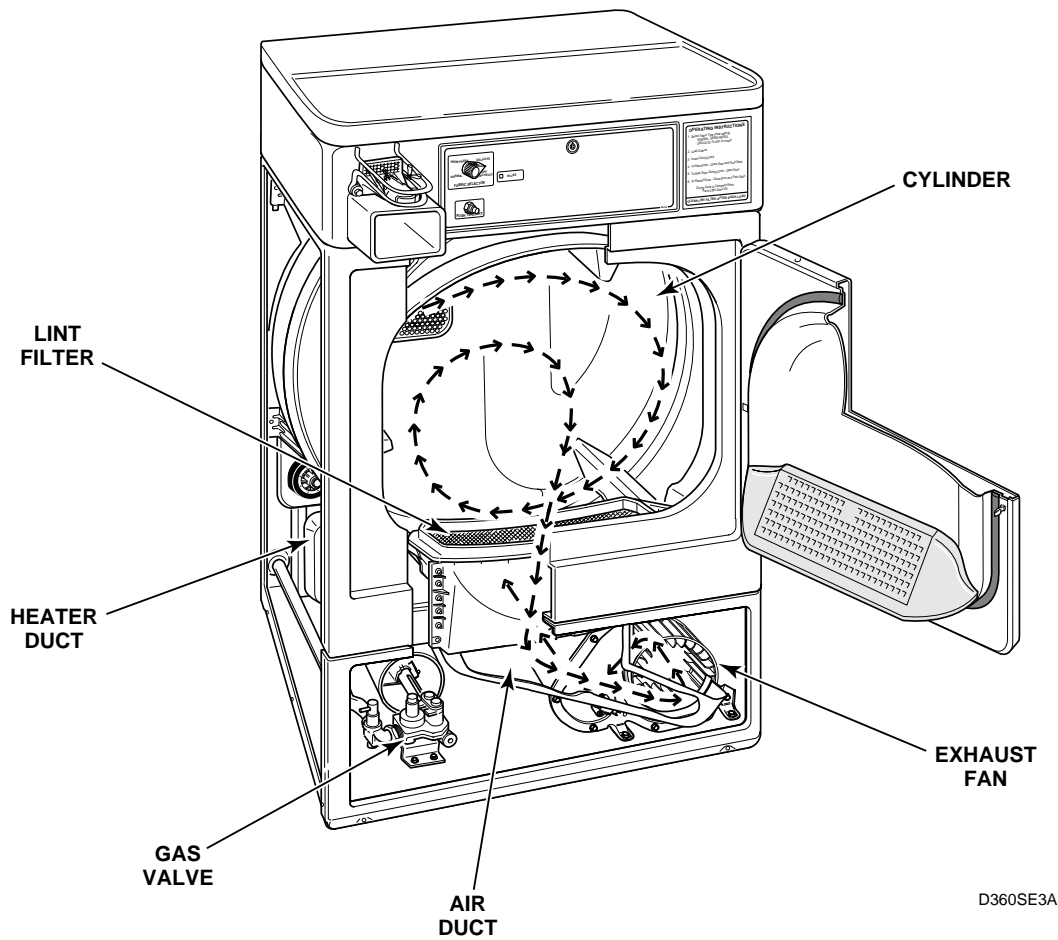
Model Identification

Information in this manual is applicable to these dryers.

Model Number	Metered Model	Coin Slide Ready	Coin Drop Installed	Card Reader Installed	Electric Heat	Gas Heat
SFE107*A	X	X			X	
SFE507*A	X		X		X	
SFE707*A	X			X	X	
SFG109*A	X	X				X
SFG509*A	X		X			X
SFG709*A	X			X		X

* Add Letter To Designate Color. L – Almond W – White


How Your Dryer Works



The dryer uses heated air to dry loads of laundry. When the motor is started, the exhaust fan pulls room temperature air in through louvers at the rear of the dryer and over the heat source (burner flame for gas and heating element for electric). The heated air moves through the heater duct and into the cylinder, where it circulates through the wet load. The air then passes through the lint filter, air duct, and exhaust fan, where it is vented to the outdoors.

Section 3


Troubleshooting

	<h3>WARNING</h3>
<p>To reduce the risk of electric shock, fire, explosion, serious injury or death:</p> <ul style="list-style-type: none"> • Disconnect electric power to the dryer(s) before servicing. • Close gas shut-off valve to gas dryer(s) before servicing. • Never start the dryer(s) with any guards/panels removed. • Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded. 	
W001R1	

IMPORTANT: Refer to appropriate model wiring diagram for aid in testing dryer components.

1. MOTOR DOES NOT RUN

POSSIBLE CAUSE	TO CORRECT
Electrical power off, fuse blown, or power cord not plugged in.	<ul style="list-style-type: none"> • Check laundry room for blown or loose fuse(s), or open circuit breaker(s). The dryer itself does not have an electrical fuse. • Check both fuses for electric models.
Loading door not closed.	<ul style="list-style-type: none"> • Close door.
Inoperative door switch.	<ul style="list-style-type: none"> • Test switch and replace if inoperative.
Timer improperly set.	<ul style="list-style-type: none"> • Reset timer, or try another cycle.
Inoperative timer.	<ul style="list-style-type: none"> • Test timer and replace if inoperative.
Motor starting functions inoperative. Doesn't start, or motor just hums.	<ul style="list-style-type: none"> • Refer to <i>Paragraph 54</i> to check start switch and start windings.
Motor will not run.	<ul style="list-style-type: none"> • Refer to <i>Paragraph 54</i> to check start switch, start windings, and main windings.
Motor overload protector has cycled.	<ul style="list-style-type: none"> • Wait two or three minutes for overload protector to reset. If protector cycles repeatedly, refer to <i>Paragraph 2</i>.
Motor centrifugal switch sticky or plugged with lint.	<ul style="list-style-type: none"> • Remove dust or lint and spray with "SLYDE," No. 131P4, to clean and lubricate.
Bind in motor bearing.	<ul style="list-style-type: none"> • Remove belt and determine if motor shaft will spin. • Replace motor if shaft is locked up.
Loose motor wire harness connection block.	<ul style="list-style-type: none"> • Firmly press connection block onto motor switch.
Broken, loose, or incorrect wiring.	<ul style="list-style-type: none"> • Refer to appropriate wiring diagram in SECTION 9.
Power cord is miswired.	<ul style="list-style-type: none"> • Refer to appropriate wiring diagram for the correct wiring. Refer to SECTION 9.

	<h2 style="margin: 0;">WARNING</h2>
<p>To reduce the risk of electric shock, fire, explosion, serious injury or death:</p> <ul style="list-style-type: none"> • Disconnect electric power to the dryer(s) before servicing. • Close gas shut-off valve to gas dryer(s) before servicing. • Never start the dryer(s) with any guards/panels removed. • Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded. 	
W001R1	

2. UNIT STOPS IN CYCLE; QUILTS AFTER THE FIRST FEW LOADS; HAS A BURNING SMELL; CYCLES ON MOTOR THERMAL PROTECTOR

POSSIBLE CAUSE	TO CORRECT
Incorrect Voltage.	<ul style="list-style-type: none"> • See nameplate in door well for correct voltage. • Refer to INSTALLATION INSTRUCTIONS (supplied with dryer) for electrical requirements.
Clothes load too large.	<ul style="list-style-type: none"> • Remove part of load. Maximum load: dryer cylinder one half full of wet clothes.
Clothes cylinder is binding.	<ul style="list-style-type: none"> • Check cylinder for binding and “out of round” condition. • Check front and rear bulkheads for warping. • Check support rollers for binding. • Check cylinder seals and glides for wear or damage. • Check for clothes lodged between cylinder baffle and bulkhead.
Broken, loose or incorrect wiring.	<ul style="list-style-type: none"> • Refer to appropriate wiring diagram in SECTION 9.
Motor switch functions inoperative. Short in motor winding.	<ul style="list-style-type: none"> • Refer to <i>Paragraph 54</i> to check switch and windings.
Clothes item caught in fan.	<ul style="list-style-type: none"> • Check fan for obstruction.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.


W001R1

3. MOTOR RUNS BUT CYLINDER DOES NOT TURN

POSSIBLE CAUSE	TO CORRECT
Motor drive pulley loose.	• Tighten pulley.
Belt not installed on pulley.	• Install belt. Refer to <i>Figure 27</i> .
Broken cylinder belt.	• Replace belt.
Clothes cylinder is binding.	<ul style="list-style-type: none"> • Check cylinder for binding and “out of round” condition. • Check front and rear bulkheads for warping. • Check cylinder rollers for binding. • Check cylinder seals and glides for wear or damage.
Broken, weak or disconnected idler lever spring.	• Replace or reconnect spring. Refer to <i>Figure 28</i> .
Belt routed on wrong side of idler lever.	• Reroute belt. Refer to <i>Figure 27</i> .
Oil on cylinder.	• Wipe oil from cylinder.
Belt is “inside out.”	• Reinstall belt with ribbed surface against cylinder.
Idler arm is binding.	<ul style="list-style-type: none"> • Add grease between idler arm and motor mount. • Replace idler arm and bolt if needed.
Dryer is overloaded.	• Remove some laundry from dryer.
Wrong motor.	• Refer to parts manual for correct motor part number.
Wrong belt used on dryer.	<ul style="list-style-type: none"> • Check belt part number against correct part number in the Parts manual. • Replace belt if needed.
Bent idler arm.	• Replace idler arm.

4. MOTOR DOES NOT STOP

POSSIBLE CAUSE	TO CORRECT
Incorrect wiring to motor switch.	• Refer to appropriate wiring diagram in SECTION 9 .
Motor centrifugal switch sticky or plugged with lint.	• Remove dust or lint and spray with “SLYDE,” Part No. 131P4, to clean and lubricate.
Inoperative door switch.	• Test switch and replace if inoperative.
Inoperative timer.	• Test timer and replace if inoperative. Refer to <i>Figure 48</i> .

	<h2 style="margin: 0;">WARNING</h2>
<p>To reduce the risk of electric shock, fire, explosion, serious injury or death:</p> <ul style="list-style-type: none"> Disconnect electric power to the dryer(s) before servicing. Close gas shut-off valve to gas dryer(s) before servicing. Never start the dryer(s) with any guards/panels removed. Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded. 	
W001R1	

5. HEATING ASSEMBLY DOES NOT HEAT OR BURNER DOES NOT IGNITE

POSSIBLE CAUSE	TO CORRECT
Improper or inadequate exhaust system.	<ul style="list-style-type: none"> See INSTALLATION INSTRUCTIONS (supplied with dryer) for exhaust requirements.
Use of plastic or thin foil exhaust duct.	<ul style="list-style-type: none"> Replace with solid or rigid flexible metal exhaust duct.
Blown house fuse or tripped circuit breaker.	<ul style="list-style-type: none"> Check fuses or circuit breakers. A 240 Volt dryer uses two fuses. Make sure both fuses are good.
Temperature selector switch set at FLUFF, or inoperative.	<ul style="list-style-type: none"> Reset or test switch and replace if inoperative.
Inoperative limit thermostat.	<ul style="list-style-type: none"> Test thermostat and replace if inoperative.
Inoperative drive motor switch.	<ul style="list-style-type: none"> Test switch and replace if inoperative.
Electric Models: Inoperative heater assembly.	<ul style="list-style-type: none"> Test heater assembly and replace if cold Ohms do not read between 9 and 10.5 Ohms.
Electric Models: Inoperative thermal fuse.	<ul style="list-style-type: none"> Test thermal fuse and replace if inoperative.
Gas Models: Insufficient gas supply.	<ul style="list-style-type: none"> Check gas shut-off valve in dryer and main gas line valve. Open partially closed gas shut-off valve, or correct low gas pressure.
Gas Models: Inoperative gas valve coils.	<ul style="list-style-type: none"> Test coils (<i>Paragraph 57</i>) and replace if inoperative.
Gas Models: Inoperative flame sensor.	<ul style="list-style-type: none"> Test flame sensor (<i>Paragraph 36, step C</i>) and replace if inoperative.
Gas Models: Inoperative igniter.	<ul style="list-style-type: none"> Test igniter (<i>Paragraph 59</i>) and replace if inoperative.
Gas Models: Harness not properly connected to gas controls.	<ul style="list-style-type: none"> Check harness connections to gas valve coils, sensor and main harness. Reconnect as required.
Gas Models: Restricted gas flow in gas orifice.	<ul style="list-style-type: none"> Clean out gas orifice.
Inoperative cycling thermostat.	<ul style="list-style-type: none"> Test thermostat and replace if inoperative.
Inoperative timer.	<ul style="list-style-type: none"> Test timer and replace if inoperative.
Broken, loose, or incorrect wiring.	<ul style="list-style-type: none"> Refer to appropriate wiring diagram in SECTION 9.

6. IGNITER DOES NOT GLOW (Gas Supply Sufficient) – Gas Models

POSSIBLE CAUSE	TO CORRECT
No power to power leads on valve.	<ul style="list-style-type: none"> Check timer, selector switch, thermostats, motor switch, and wiring.
Flame sensor failed with contacts open.	<ul style="list-style-type: none"> Replace flame sensor.
Igniter broken or open.	<ul style="list-style-type: none"> Replace igniter.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.


W001R1

7. BURNER IGNITES AND GOES OUT REPEATEDLY – Gas Models

POSSIBLE CAUSE	TO CORRECT
Improper or inadequate exhaust system. Weather hood flapper restricted.	<ul style="list-style-type: none"> • See INSTALLATION INSTRUCTIONS (supplied with dryer) for exhaust requirements.
Burner heat not holding flame sensor contacts open.	<ul style="list-style-type: none"> • Replace flame sensor, or correct gas supply problem.
Insufficient gas supply.	<ul style="list-style-type: none"> • Check gas supply and pressure. • Make sure gas shut-off valve is turned on.
Cracked igniter.	<ul style="list-style-type: none"> • Replace igniter and bracket.
Inoperative or intermittent gas valve coils.	<ul style="list-style-type: none"> • Check coils (<i>Paragraph 57</i>) and replace appropriate coils.

8. IGNITER GLOWS BUT BURNER DOES NOT IGNITE – Gas Models

POSSIBLE CAUSE	TO CORRECT
Flame sensor failed in closed position.	<ul style="list-style-type: none"> • Replace flame sensor.
Open secondary coil or holding coil.	<ul style="list-style-type: none"> • Replace gas valve (in-warranty), or replace coils (out-of-warranty). Refer to Paragraph 58.
Insufficient gas supply.	<ul style="list-style-type: none"> • Check gas supply and pressure. • Make sure gas shut-off valve is turned on.
Igniter and bracket installed improperly on burner tube assembly.	<ul style="list-style-type: none"> • Loosen screw and properly position igniter and bracket on burner tube assembly.
Flame sensor installed improperly on burner housing.	<ul style="list-style-type: none"> • Loosen screw and properly position the flame sensor on the burner housing.

	<h2 style="margin: 0;">WARNING</h2>
<p>To reduce the risk of electric shock, fire, explosion, serious injury or death:</p> <ul style="list-style-type: none"> Disconnect electric power to the dryer(s) before servicing. Close gas shut-off valve to gas dryer(s) before servicing. Never start the dryer(s) with any guards/panels removed. Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded. 	
W001R1	

9. HEATER ASSEMBLY OR BURNER SHUTS OFF PREMATURELY

POSSIBLE CAUSE	TO CORRECT
Improper or inadequate exhaust system. Weather hood flapper restricted.	<ul style="list-style-type: none"> See INSTALLATION INSTRUCTIONS (supplied with dryer) for exhaust requirements.
Gas Models: Insufficient gas supply.	<ul style="list-style-type: none"> Check main gas line shut-off valve. Open partially closed gas shut-off valve, or correct low pressure.
Gas Models: Dryer not properly equipped for type of gas used.	<ul style="list-style-type: none"> Refer to “Gas Burner Conversion Procedures” supplied in gas burner conversion kit.
Gas Models: Improperly adjusted burner flame.	<ul style="list-style-type: none"> Adjust flame. Refer to <i>Paragraph 53</i>.
Cycling off on limit thermostat.	<ul style="list-style-type: none"> Momentarily connect a jumper wire across thermostat terminals. If heater element heats or burner ignites when jumper wire is connected, refer to <i>Paragraph 10</i>.
Gas models: Flame sensor contact closing	<ul style="list-style-type: none"> Replace flame sensor (<i>Paragraph 36</i>, step C) or adjust burner flame. Refer to <i>Paragraph 53</i>.
Inoperative cycling thermostat.	<ul style="list-style-type: none"> Test thermostat and replace if inoperative.
Inoperative timer.	<ul style="list-style-type: none"> Test timer and replace if inoperative.
Broken, loose, or incorrect wiring.	<ul style="list-style-type: none"> Refer to appropriate wiring diagram in SECTION 9.

10. HEATER ASSEMBLY OR BURNER REPEATEDLY CYCLES OFF ON LIMIT THERMOSTAT

POSSIBLE CAUSE	TO CORRECT
External exhaust system longer or providing greater restriction than recommended.	<ul style="list-style-type: none"> Refer to INSTALLATION INSTRUCTIONS (supplied with dryer) for exhaust system requirements.
Use of plastic or thin foil exhaust duct.	<ul style="list-style-type: none"> Replace with solid or rigid flexible metal exhaust duct.
Clogged lint filter.	<ul style="list-style-type: none"> Clean lint filter.
Lint in internal dryer ductwork.	<ul style="list-style-type: none"> Disassemble dryer ductwork and clean.
Lint or other obstruction in external exhaust system.	<ul style="list-style-type: none"> Disassemble and clean exhaust system.
Hinged damper on exhaust system weather hood not free to open.	<ul style="list-style-type: none"> Free hinged damper or replace weather hood
Limit thermostat cycling at too low a temperature.	<ul style="list-style-type: none"> Replace thermostat. Refer to <i>Paragraph 38</i>.
Air leak around loading door. (Door not sealing due to damaged seal or inoperative door catch.)	<ul style="list-style-type: none"> Replace seal or catch.
Inoperative thermistor.	<ul style="list-style-type: none"> Test thermistor and replace if inoperative.
Air leak at blower seal.	<ul style="list-style-type: none"> Check and replace seal if necessary.
Air leak at cylinder seal(s).	<ul style="list-style-type: none"> Check and replace seal(s) if necessary.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.


W001R1

11. HEATER ASSEMBLY OR BURNER DOES NOT SHUT OFF

POSSIBLE CAUSE	TO CORRECT
Improper motor switch. (Timer must be in a heat setting.)	<ul style="list-style-type: none"> • Test switch and replace if inoperative.
Motor does not stop.	<ul style="list-style-type: none"> • Refer to <i>Paragraph 4</i>.
Incorrect wiring.	<ul style="list-style-type: none"> • Refer to appropriate wiring diagram in SECTION 9.
Heater assembly shorted.	<ul style="list-style-type: none"> • Remove heater assembly and check for short.

12. CLOTHES DO NOT DRY

POSSIBLE CAUSE	TO CORRECT
Heater assembly does not heat or burner does not ignite.	<ul style="list-style-type: none"> • Refer to <i>Paragraph 5</i>.
Too much water in articles being dried.	<ul style="list-style-type: none"> • Remove excess water.
Laundry load too large.	<ul style="list-style-type: none"> • Remove part of load. Maximum load: Dryer cylinder one half full of wet clothes.
Laundry load too small.	<ul style="list-style-type: none"> • Add one or two bath towels to load.
Excessive lint on lint filter.	<ul style="list-style-type: none"> • Clean lint filter.
Heat selector switch set on FLUFF or inoperative.	<ul style="list-style-type: none"> • Reset switch, or test and replace the switch if inoperative.
Improper or inadequate exhaust system.	<ul style="list-style-type: none"> • See INSTALLATION INSTRUCTIONS (supplied with dryer) for exhaust requirements.
Heater assembly or burner shuts off prematurely.	<ul style="list-style-type: none"> • Refer to <i>Paragraph 9</i>.
Gas Models: Gas line pressure too high or too low.	<ul style="list-style-type: none"> • If Natural Gas line pressure to dryer exceeds 8 inch water column pressure, or is lower than 4 inch water column, ask Gas Company to correct.
Improper belt installation (Low RPM).	<ul style="list-style-type: none"> • Check for proper installation. Refer to <i>Figure 27</i>.

	<h2 style="margin: 0;">WARNING</h2>
<p>To reduce the risk of electric shock, fire, explosion, serious injury or death:</p> <ul style="list-style-type: none"> • Disconnect electric power to the dryer(s) before servicing. • Close gas shut-off valve to gas dryer(s) before servicing. • Never start the dryer(s) with any guards/panels removed. • Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded. 	
W001R1	

13. CLOTHES ARE TOO HOT WHEN REMOVED FROM DRYER

POSSIBLE CAUSE	TO CORRECT
Improper or inadequate exhaust system.	<ul style="list-style-type: none"> • Refer to INSTALLATION INSTRUCTIONS (supplied with dryer) for exhaust requirements.
Clothes are removed from dryer before cycle has completed.	<ul style="list-style-type: none"> • Allow the dryer to complete the cycle through the cool-down to the OFF position.
Inoperative cycling thermostat.	<ul style="list-style-type: none"> • Test cycling thermostat and replace if inoperative.
Inoperative timer (not allowing cool-down).	<ul style="list-style-type: none"> • Test timer and replace if inoperative.
Inoperative seals (air leaks).	<ul style="list-style-type: none"> • Check and replace any inoperative seals in the following areas: <ol style="list-style-type: none"> 1. Seal between loading door and front panel. 2. Seal between front panel and front bulkhead. 3. Seal between blower cover and air duct. 4. Seal between cylinder and front or rear bulkhead. 5. Seal between upper and lower air ducts.

Section 4

Grounding



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

14. GROUND WIRES FROM TERMINAL BLOCK TO REAR BULKHEAD AND FROM REAR BULKHEAD TO CONTROL HOUSING (Electric Models Only)

(Figure 1).

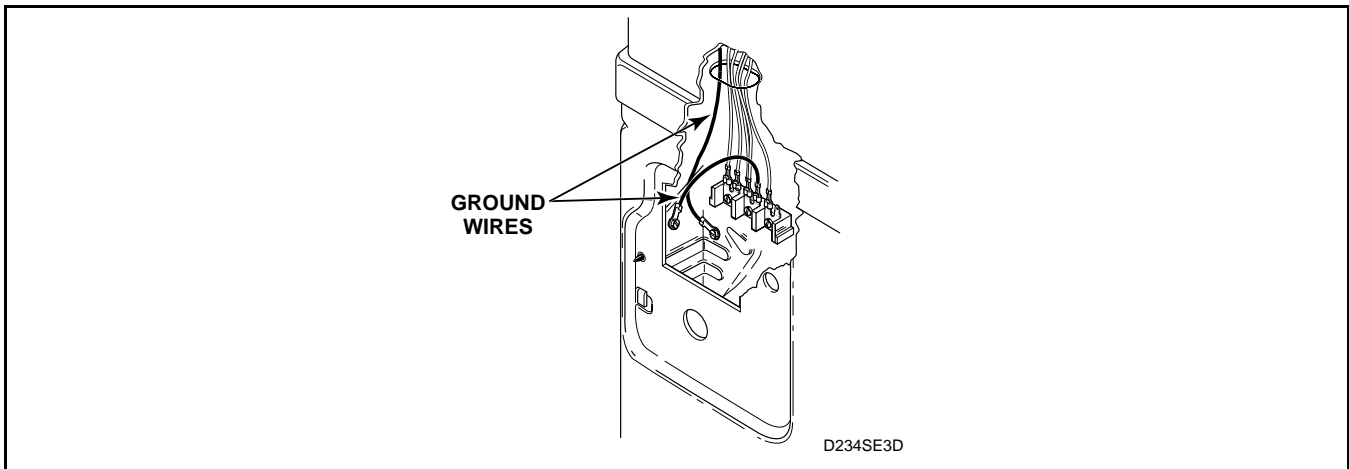


Figure 1

15. GROUND WIRES FROM POWER CORD TO REAR BULKHEAD AND FROM REAR BULKHEAD TO CONTROL HOUSING. CHECK WALL RECEPTACLE POLARITY (Gas Models Only)

(Figure 2).

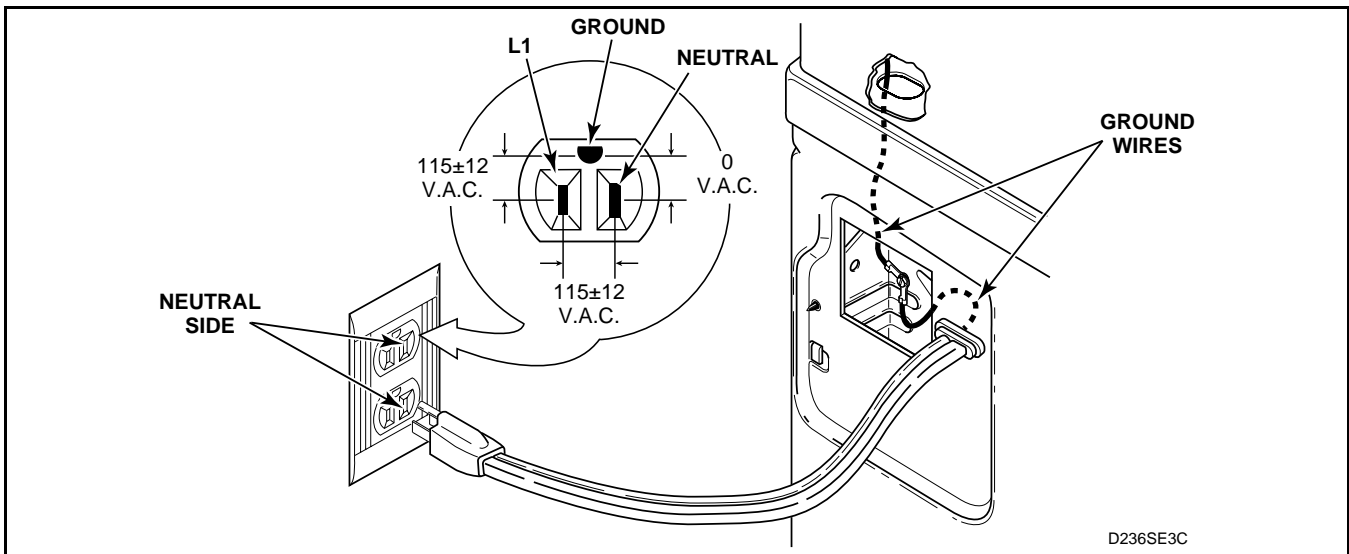


Figure 2



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

16. GROUND WIRES FROM REAR BULKHEAD TO CONTROL PANEL

(Figure 3).

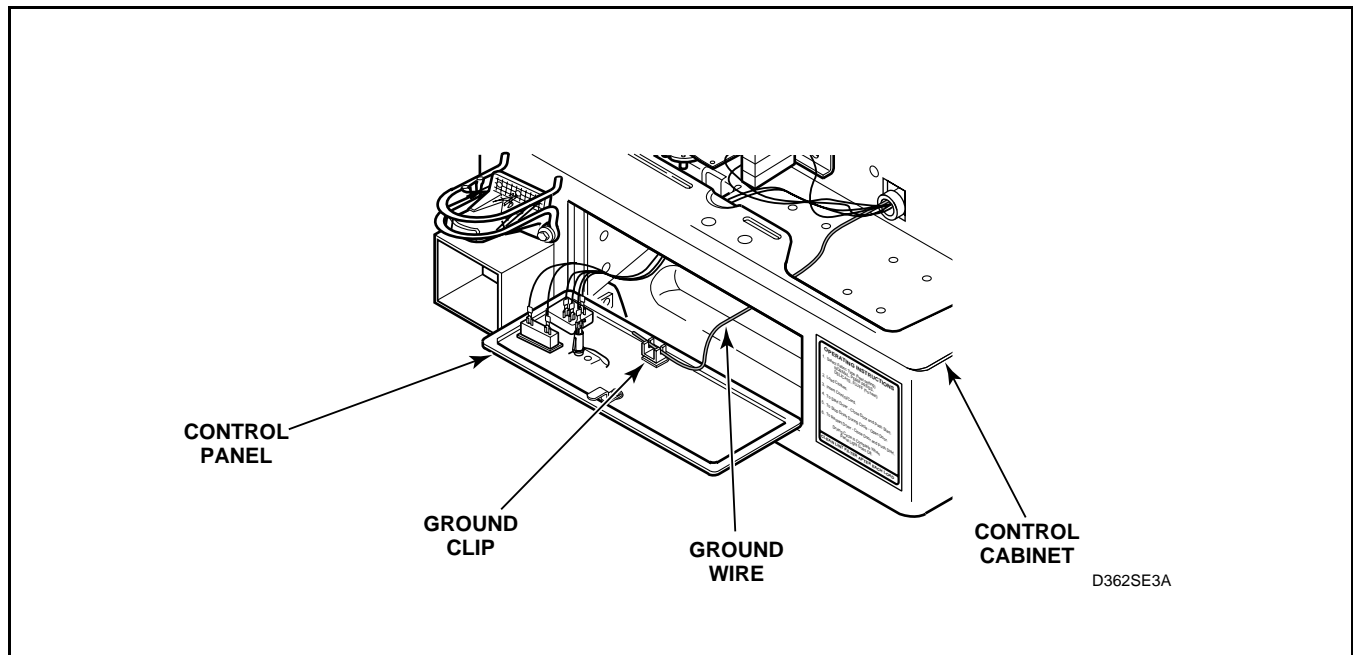


Figure 3

Section 5

Service Procedures

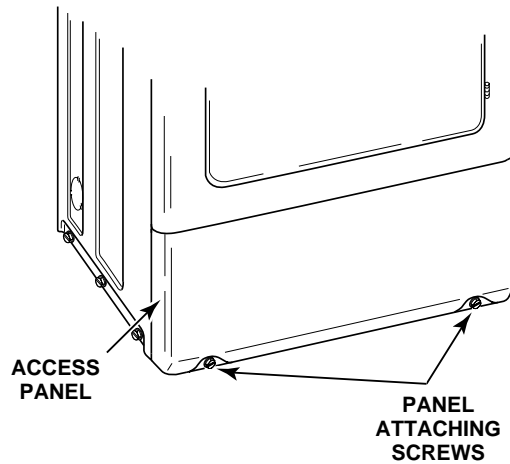


WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1



D302SE3B

Figure 4

IMPORTANT: When reference to direction (right or left) is made in this manual, it is from the operator's position facing the front of the dryer.

17. ACCESS PANEL

(Figure 4)

- a. While supporting the access panel, remove two screws from bottom edge of access panel.
- b. Gently lower the access panel to disengage locators from bottom edge of front panel.
- c. Remove access panel.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

18. CONTROL PANEL AND CONTROLS (ELECTROMECHANICAL)

(Figure 5)

- Unlock control panel. See *Figure 5A*.
- Pull top of control panel away from control cabinet and lift up. See *Figure 5B*.
- Remove control panel from control cabinet. See *Figure 5C*.
- Disconnect all wires to components. See *Figure 6*.
- Remove ground clip holding ground wire to control panel. See *Figure 3*.

NOTE: Refer to appropriate wiring diagram when reconnecting wires.

- Loosen setscrew holding control knob to shaft and pull knob off shaft. See *Figure 6*.
- Remove knurled nut holding fabric selector switch to panel and remove switch. See *Figure 6*.
- Remove hex nut from push-to-start switch and remove switch. See *Figure 6*.
- Squeeze locking tabs on indicator light and pull light out from back of panel. See *Figure 6*.

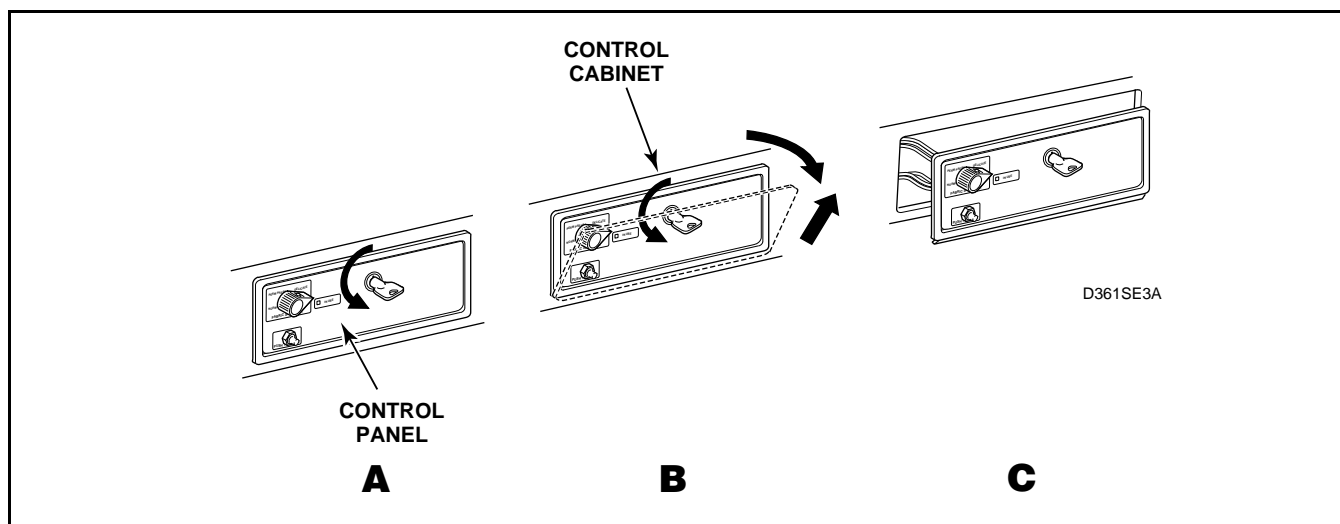


Figure 5

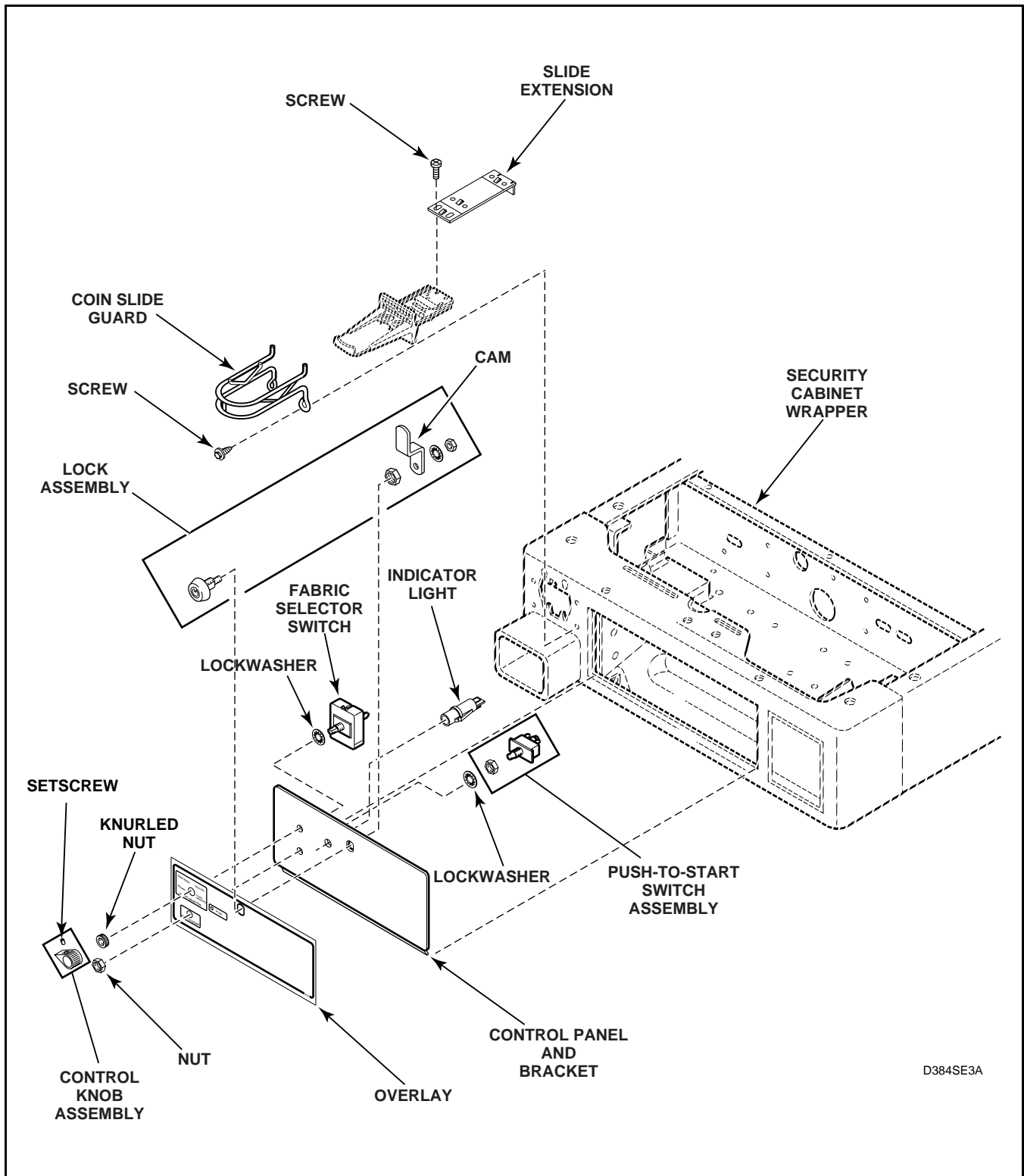
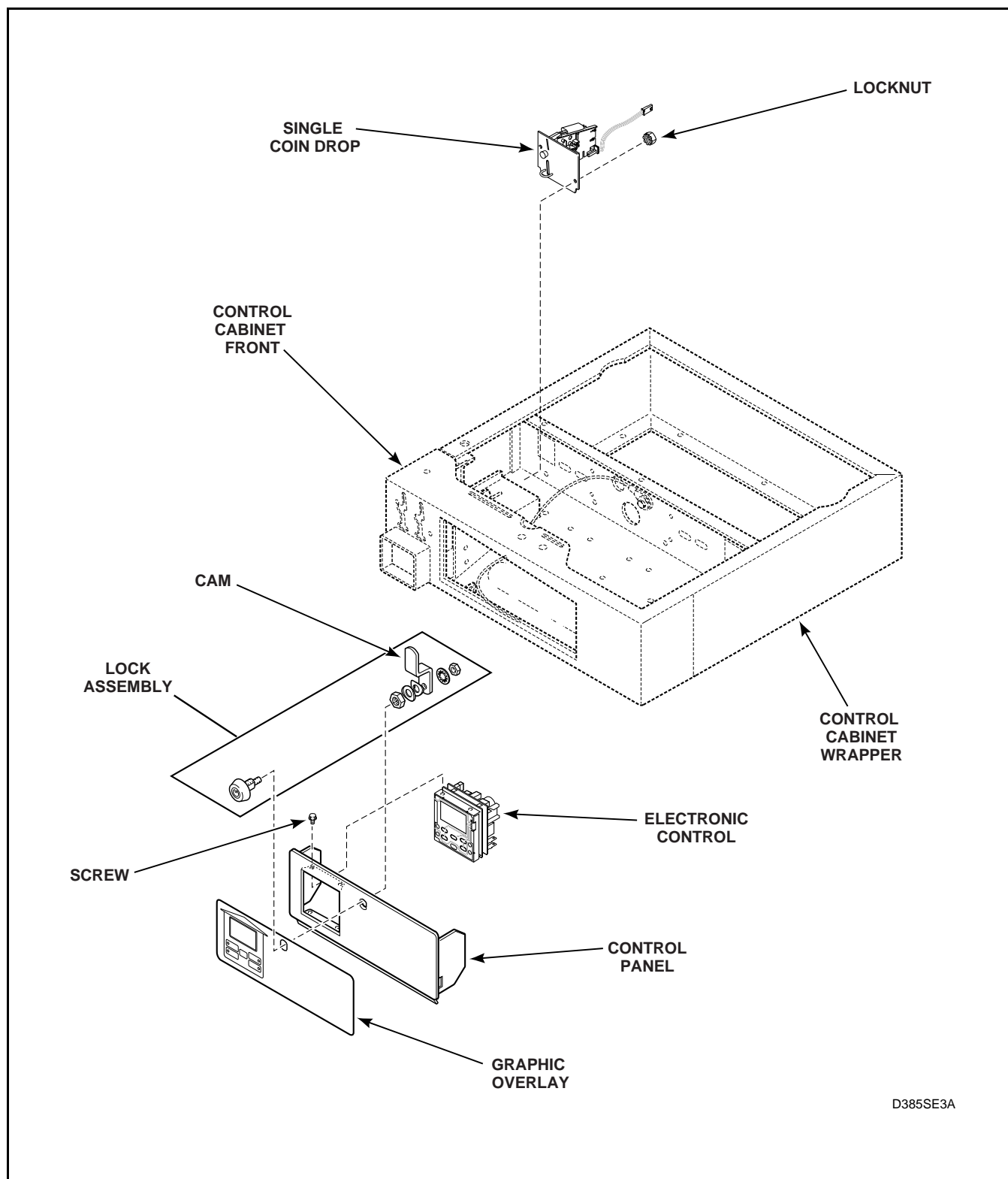
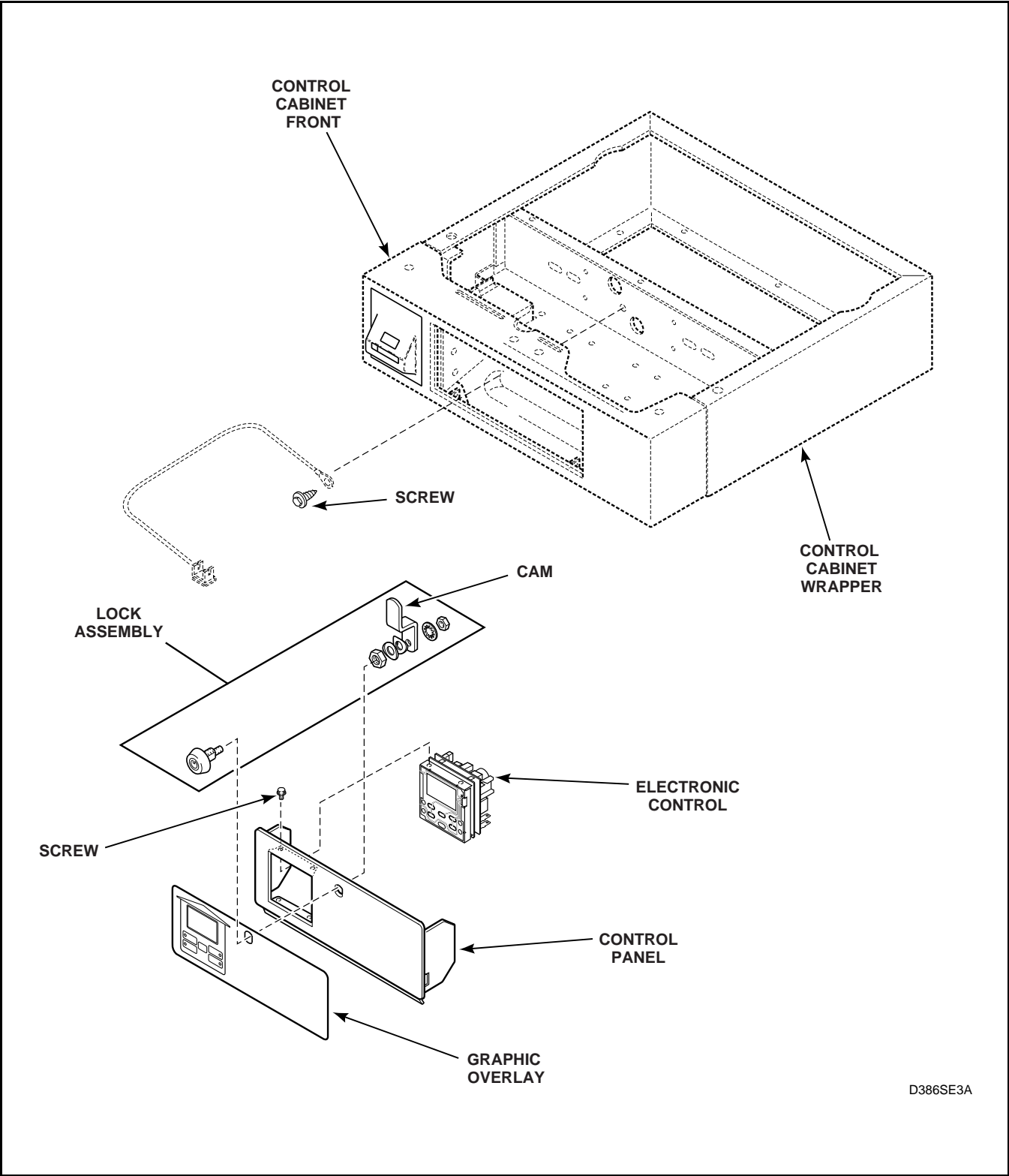


Figure 6
CONTROL PANEL AND CONTROLS (Coin Slide Ready)
(Models SFE107*A and SFG109*A)



D385SE3A

Figure 7
CONTROL PANEL AND CONTROLS (Coin Drop Installed)
(Models SFE507*A and SFG509*A)



D386SE3A

Figure 8
CONTROL PANEL AND CONTROLS (Card Reader Installed)
(Models SFE707*A and SFG709*A)



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

19. CONTROL CABINET FRONT

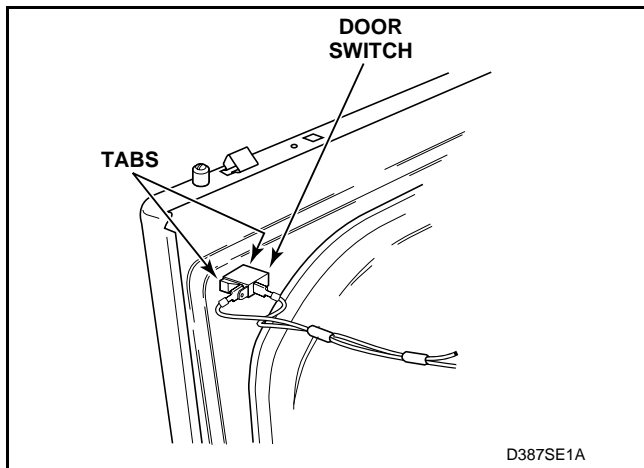
- a. Unlock control panel. See *Figure 5A*.
- b. Pull top of control panel away from control cabinet and lift up. See *Figure 5B*.
- c. Remove control panel from control cabinet. See *Figure 5C*.
- d. Disconnect all wires to components. See *Figure 3*.
- e. Remove ground clip holding ground wire to control panel. See *Figure 3*.

NOTE: Refer to appropriate wiring diagram when reconnecting wires.

- f. While supporting the access panel, remove the two screws from bottom edge of access panel. See *Figure 4*.
- g. Gently lower access panel to disengage locators from bottom edge of front panel. See *Figure 4*.
- h. Remove two screws holding bottom tabs on front panel to dryer side panels. See *Figure 11*.
- i. Swing bottom of front panel away from dryer to disengage hold-down clips and locators from control cabinet.
- j. Disconnect wires from door switch. See *Figure 9*.

NOTE: Refer to appropriate wiring diagram when rewiring switch.

- k. Remove two screws holding bottom tabs on control cabinet to front flange of dryer cabinet. See *Figure 11*.
- l. Remove two screws holding the top panel to the top side of the control cabinet. See *Figure 11*.
- m. Reach in through front opening of control cabinet and remove two screws (per side) holding the control cabinet front to the front flange of the control cabinet wrapper. See *Figure 11*.
- n. **METERED MODELS** (Coin Drop and Coin Slide) - Unlock and remove coin drawers. Reach in through coin drawer opening and remove two screws holding control cabinet to control cabinet wrapper. See *Figure 11*.
- o. Reach through control panel opening and remove two screws holding the control cabinet wrapper tabs to the control cabinet front tabs. See *Figure 11*.
- p. Carefully pull control cabinet front straight out. See *Figure 11*.



D387SE1A

Figure 9

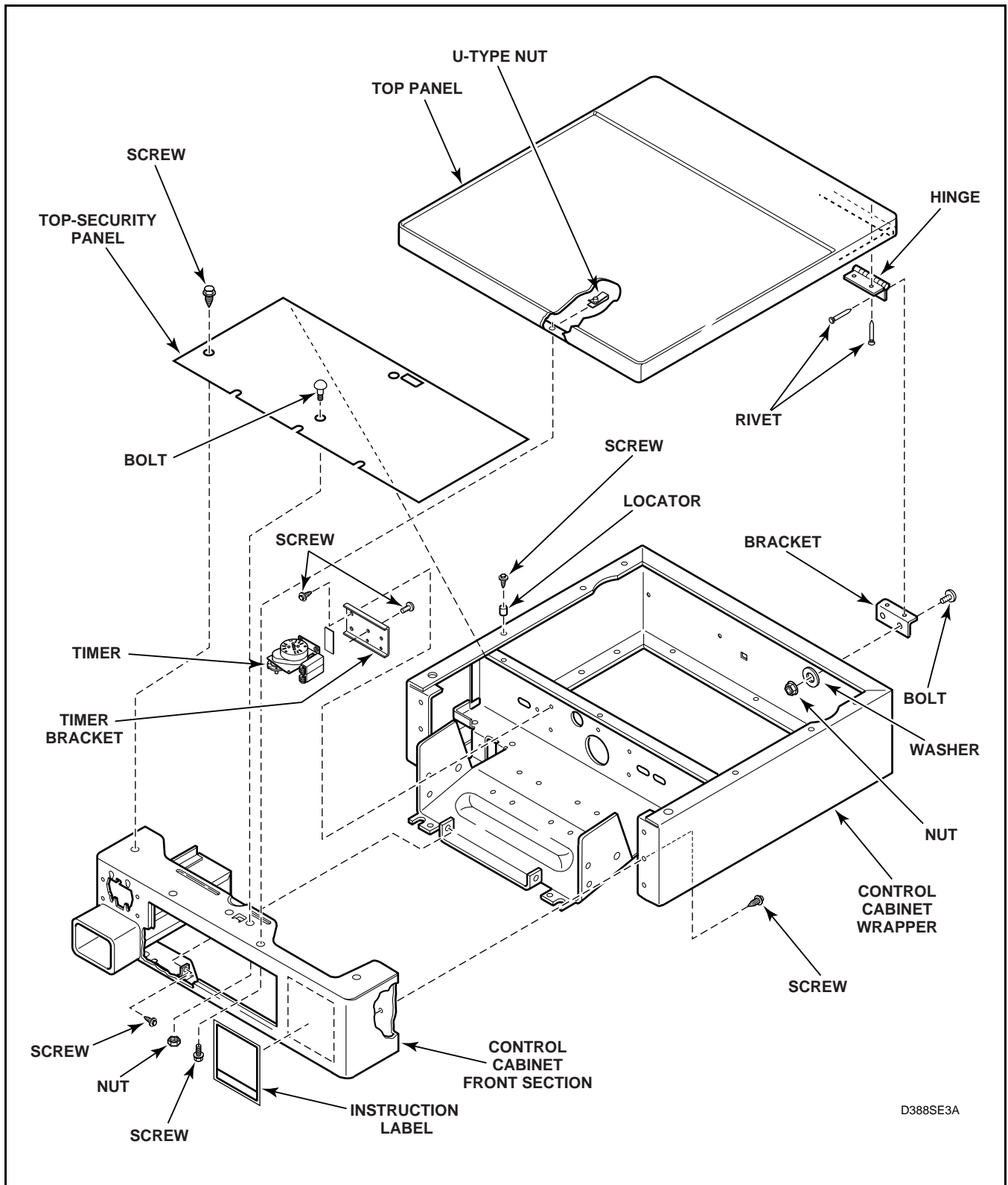


Figure 10
CONTROL CABINET (Coin Slide Ready)
(Models SFE107*A and SFG109*A)

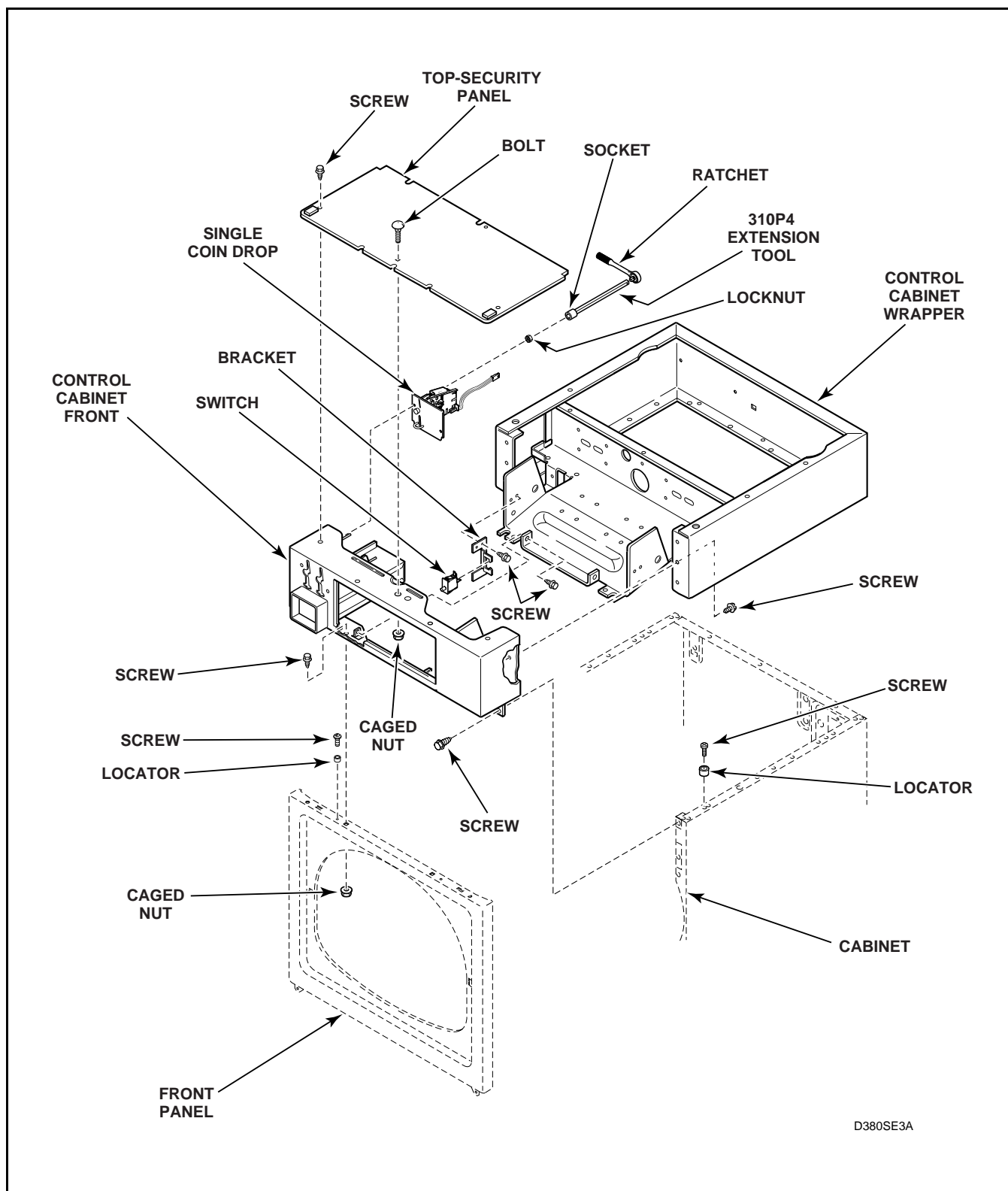


Figure 11
CONTROL CABINET (COIN DROP INSTALLED)
 (Models SFE507*A and SFG509*A)

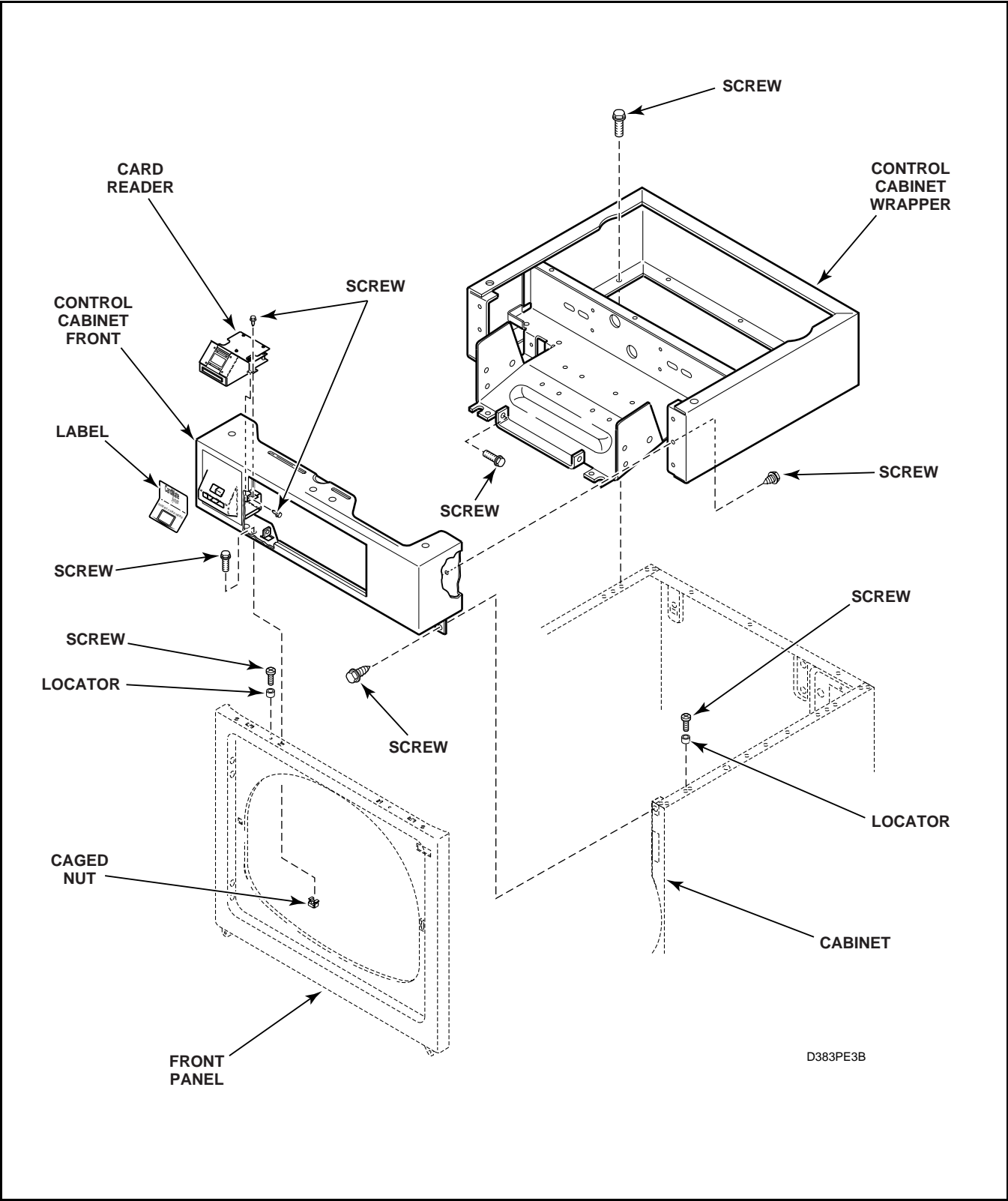


Figure 12
CONTROL CABINET (CARD READER INSTALLED)
(Models SFE707*A and SFG709*A)



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

20. CONTROL PANEL OVERLAY (Electromechanical Models)

a. Removal

- (1.) Unlock control panel. See *Figure 5A*.
- (2.) Pull top of control panel away from control cabinet and lift up. See *Figure 5B*.
- (3.) Remove control panel from control cabinet. See *Figure 5C*.
- (4.) Disconnect all wires to components. See *Figure 3*.
- (5.) Remove ground clip holding ground wire to control panel. See *Figure 3*.

NOTE: Refer to appropriate wiring diagram when reconnecting wires.

- (6.) Loosen setscrew holding control knob to temperature selector switch shaft and pull knob off shaft. See *Figure 6*.
- (7.) Remove knurled nut holding temperature selector switch and lockwasher to panel, then remove switch and lockwasher. See *Figure 6*.
- (8.) Remove nut holding push-to-start switch assembly and lockwasher to panel, then remove switch and lockwasher. See *Figure 6*.
- (9.) Squeeze locking tabs on indicator light, then pull light out through back of panel. See *Figure 6*.
- (10.) Remove locknut and lockwasher holding cam to lock assembly. See *Figure 6*.
- (11.) Remove large locknut holding lock assembly to control panel frame and overlay, then remove lock. See *Figure 6*.

NOTE: The control panel overlay has an adhesive backing.

- (12.) Remove control panel overlay by carefully peeling it from the control panel frame.

b. Installation

NOTE: Before removing protective backing from new control panel overlay, make sure overlay fits on the control panel frame. Switch holes are the locating guides.

- (1.) Once the overlay has been fitted to the control panel frame, carefully peel the protective backing from either end of the overlay and firmly press end of overlay into place.
- (2.) Remove the rest of the protective backing from the overlay and firmly press the overlay into place.
- (3.) Reassemble components on the control panel frame.
- (4.) Reinstall control panel frame to control cabinet.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

21. ACCUMULATOR (Electromechanical Metered Models)

- a. Unlock control panel. See *Figure 5A*.
- b. Pull top of control panel away from control cabinet and lift up. See *Figure 5B*.
- c. Remove control panel from control cabinet. See *Figure 5C*.
- d. Disconnect all wires to components. See *Figure 3*.
- e. Remove ground clip holding ground wire to control panel. See *Figure 3*.

NOTE: Refer to appropriate wiring diagram when reconnecting wires.

- f. Reach in through control panel opening and remove screws holding accumulator and mounting bracket to the control cabinet. See *Figure 13*.
- g. Disconnect wires from accumulator at the connectors.

NOTE: Refer to appropriate wiring diagram when rewiring the accumulator.

- h. Remove two screws holding accumulator to mounting bracket. See *Figure 13*.
- i. Models with Counter
 - (1.) Disconnect wire from terminal on accumulator switch "c."
 - (2.) Cut the other wire at the butt splice connector.
 - (3.) Cut harness strap holding wires to bracket.

NOTE: Harness strap must be replaced during reinstallation.

- (4.) The counter is mounted inside the control cabinet with two-sided tape.

NOTE: When installing a new counter, remove the protective backing from the tape located on the underside of new counter. Firmly press the new counter in place. Tape on counter will reach full adhesion in approximately twenty-four hours.

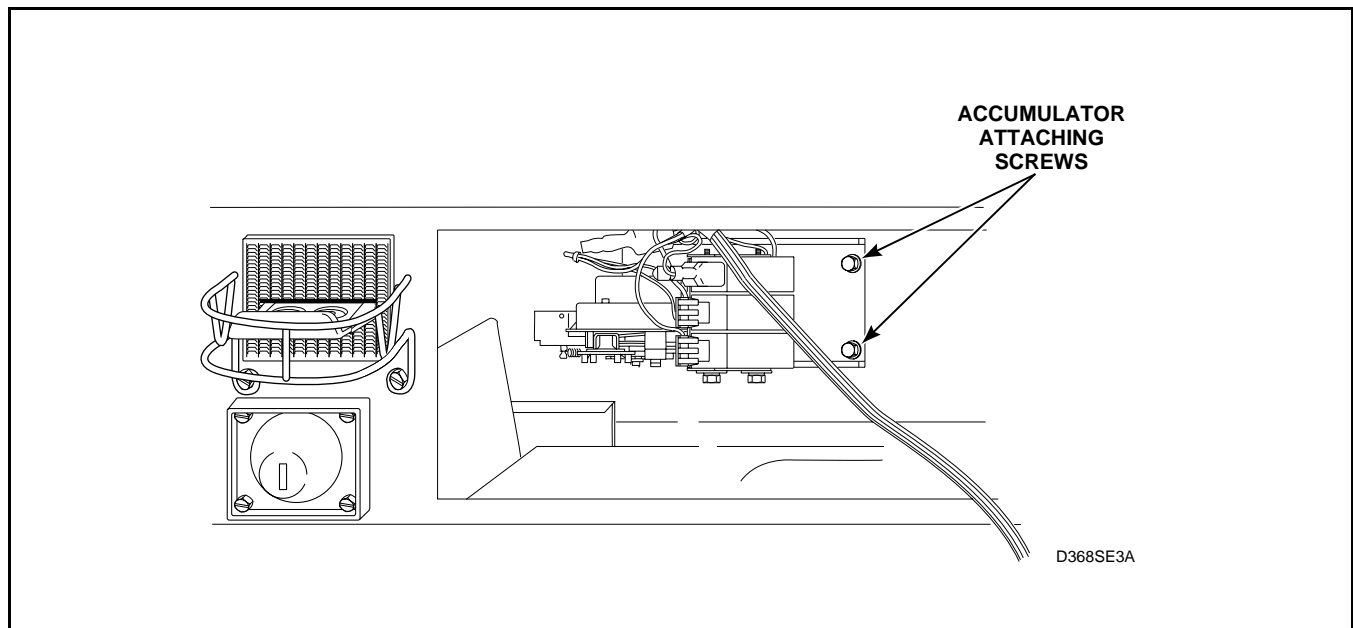


Figure 13



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

22. ELECTRONIC CONTROL (Figures 7 or 8)

IMPORTANT: Due to the sensitivity of the electronic control, careful handling is required. As a precautionary measure, we recommend using a ground wrist strap when handling the electronic control. Wrist strap, cord and alligator clips are designed to carry away any electrostatic charge from your body and to direct charge to an available ground. By using this static protection device, potential electrostatic discharge problems associated with handling of electronic control will be minimized. Always handle electronic control by its metal edges. If a wrist strap is not available, touch dryer while it is plugged in before handling control to dissipate any charge.

NOTE: New control is supplied in special anti-static packaging material. While holding control by its metal edges, remove control from packaging material.

- a. Unlock control panel. See *Figure 5A*.
- b. Pull top of control panel away from control cabinet and lift up. See *Figure 5B*.
- c. Remove control panel from control cabinet. See *Figure 5C*.

- d. Press in on locking tabs and unplug harness disconnect blocks from backside of electronic control assembly.
- e. Remove ground clip holding ground wire to control panel. See *Figure 3*.

NOTE: Refer to appropriate wiring diagram when reconnecting wires.

NOTE: DO NOT pull on wires. Instead, hold board near appropriate disconnect block and unplug by pulling in disconnect block.

- f. Remove four screws holding electronic controls assembly to backside of control panel.
- g. Place the old control in the anti-static packaging material that the new control was supplied in.
- h. While holding new control by its metal edges, carefully peel off protective plastic coating from front side of control. Then place control in opening of control panel and fasten control down with four screws.
- i. Follow wiring diagram and reconnect wires to new control.

IMPORTANT: It is important to take care when handling the original control. It must be carefully placed in the packaging material which was removed from new control. If control is not wrapped properly, warranty credit will not be issued.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

23. COIN DROP

a. Removal:

- (1.) Unlock control panel. See *Figure 5A*.
- (2.) Pull top of control panel away from control cabinet far enough to allow lifting control panel up and off the rail support of the control cabinet front. See *Figure 5B*.
- (3.) Remove control panel away from control cabinet as far as wires permit. See *Figure 5C*.
- (4.) Remove 2 screws holding front of cabinet top to top front edge of control cabinet front. See *Figure 11*.
- (5.) If area or space permits, lift cabinet top to a vertical position by hinging it on the rear hinges.

NOTE: To avoid damage to hinges, be sure to support cabinet top with a small chain or something similar. See *Figure 14*.

- (6.) Remove screws and carriage bolt holding security top panel to control cabinet front. See *Figure 11*. Slide security top panel back just far enough to disengage tabs on panel from control cabinet front and remove security panel. See *Figure 11*.
- (7.) Disconnect coin drop harness at disconnect block.

- (8.) Use a 3/8 inch square drive socket, with number 310P4 - quarter inch Ratchet Extension Tool, to remove two locknuts holding coin drop to front of control cabinet.

NOTE: A 3/8 inch square drive socket, size 7/16 inch, fit over end of the 310P4 Extension Tool. A 1/4 inch ratchet fits in the other end. See *Figure 6*.

b. Installation:

- (1.) Lift coin drop up on coin drawer housing.
- (2.) Line up holes in the front face plate of coin drop with the two guide wires. Slide coin drop forward, making sure guide wires are through holes in front face plate of coin drop.
- (3.) Slide coin drop forward all the way until front face plate of coin drop is up against the control cabinet front, with the coin return stop completely through slot.
- (4.) Using a 3/8 inch square drive 7/16 inch socket with number 310P4 1/4 inch Ratchet Extension Tool, reinstall both locknuts and tighten locknuts firmly.
- (5.) Reconnect coin drop wire harness.
- (6.) Reinstall security top panel and secure, using screws and carriage bolt previously removed.
- (7.) Lower cabinet top into position and reinstall two screws (previously removed) holding cabinet top to top front edge of control cabinet front. See *Figure 11*.
- (8.) Reinstall control panel in control cabinet and lock control panel.

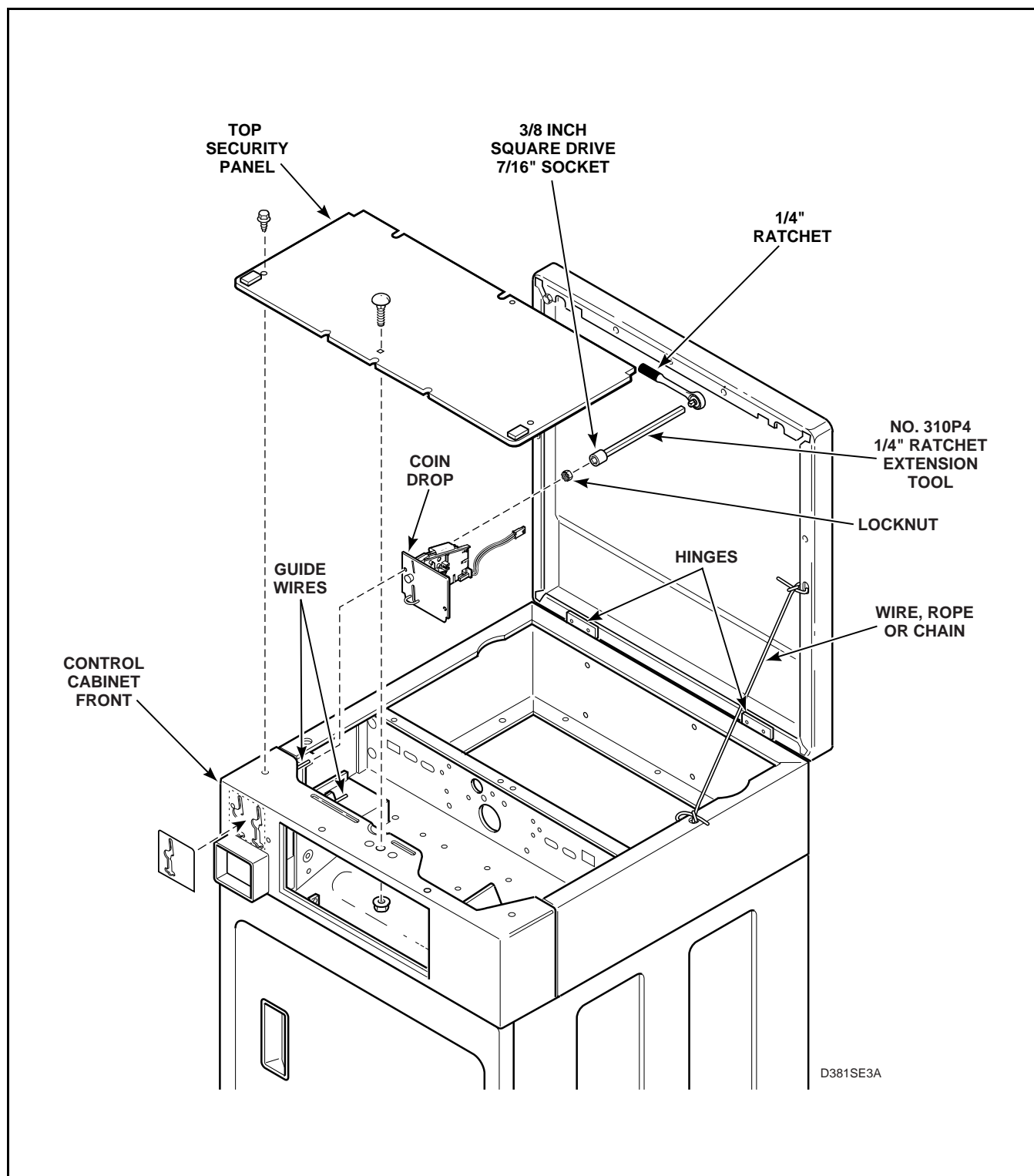


Figure 14



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

24. CARD READER

- a. Unlock control panel. See *Figure 5A*.
- b. Pull top of control panel away from control cabinet and lift up. See *Figure 5B*.
- c. Remove control panel from control cabinet. See *Figure 5C*.
- d. Disconnect all wires to components. See *Figure 3*.
- e. Remove ground clip holding ground wire to control panel. See *Figure 3*.

NOTE: Refer to appropriate wiring diagram when reconnecting wires.

- f. Remove screws holding card reader to control cabinet. See *Figure 12*.
- g. Disconnect wires from card reader at the connectors.

NOTE: Refer to appropriate wiring diagram when rewiring the card reader.

- h. Carefully remove card reader through control panel opening. See *Figure 12*.

25. CABINET TOP

- a. Unlock control panel. See *Figure 5A*.
- b. Pull top of control panel away from control cabinet far enough to allow lifting control panel up and off the rail support of the control cabinet. See *Figure 5B*.
- c. Remove control panel away from control cabinet as far as wires permit. See *Figure 5C*.
- d. Remove two screws holding front of cabinet top to top front edge of control cabinet front. See *Figure 11*.
- e. If area or space permits, lift cabinet top to a vertical position by hinging it on the rear hinges.

NOTE: To avoid damage to hinges, be sure to support cabinet top with a small chain or something similar. See *Figure 14*.

- f. Remove cabinet top from dryer by removing nuts and carriage bolts holding cabinet top and hinges to control cabinet. See *Figure 11*.
- g. Carefully lift cabinet top off dryer and set out of the way to prevent damage.

Reversing Door Procedure . . .

The door on this dryer is completely reversible. To reverse door proceed as follows:

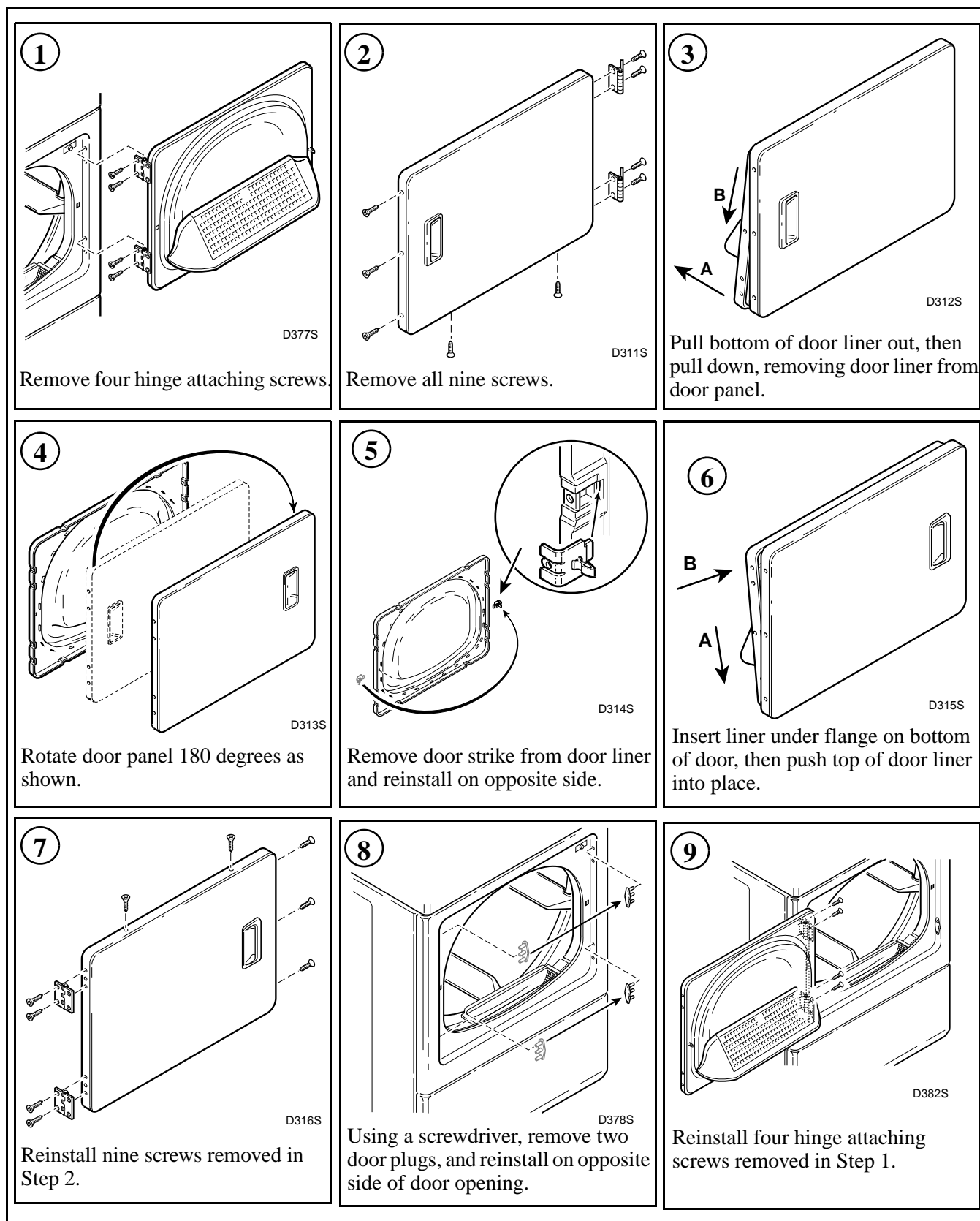


Figure 15



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

26. INNER AND OUTER DOOR PANELS AND DOOR PULL

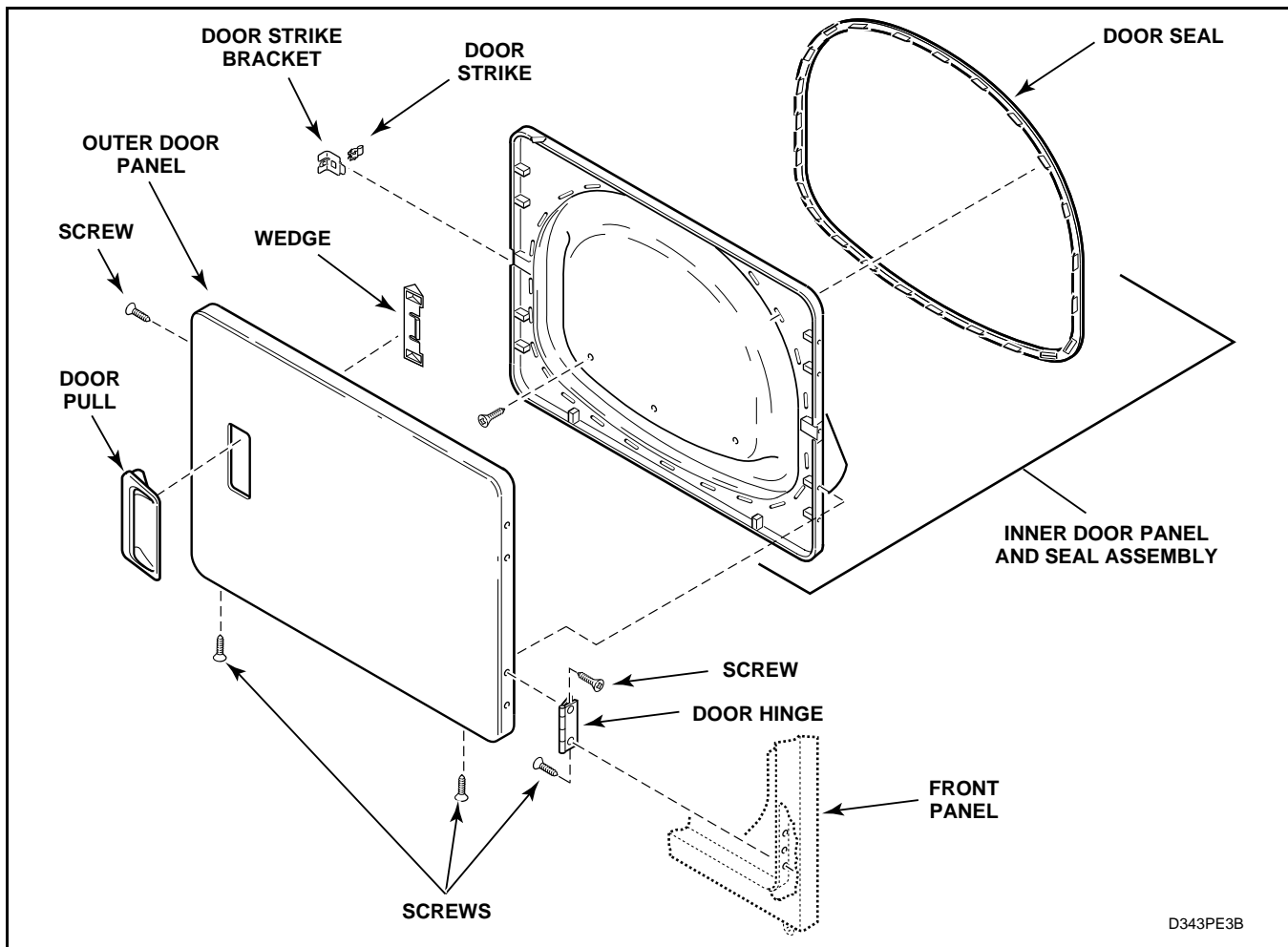
- Remove four screws holding door assembly to hinges. See *Figure 20*.
- Remove remaining screws around the door perimeter and separate panels. See *Figure 16*.
- Remove wedge (located behind door pull) by carefully prying up on center of wedge. See *Figure 16*.
- Remove door pull. See *Figure 16*.

27. DOOR STRIKE

(*Figure 16*)

- Open loading door.
- Remove screw holding door strike and bracket to loading door and remove strike and bracket.

NOTE: You may have to loosen the two screws on end of door to allow for strike and bracket removal.



D343PE3B

Figure 16



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

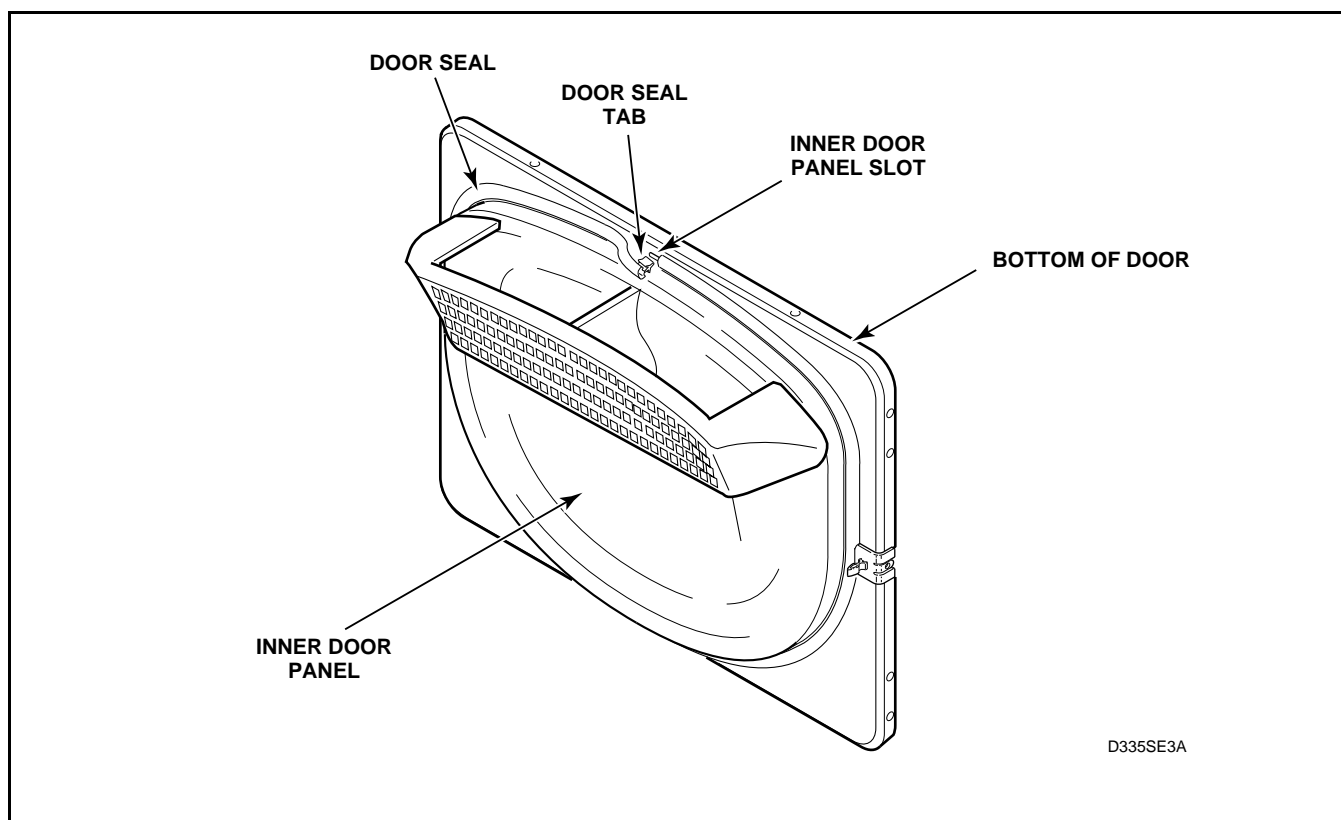
W001R1

28. DOOR SEAL

(Figure 17)

- Remove inner door panel from outer door panel. See *Figure 17*.
- Grasp either end of door seal at bottom of door and remove seal from tabs on inner door panel by gently pulling on the seal. See *Figure 17*.

NOTE: When replacing seal, be sure seal is not stretched or distorted. The tab in the seal should be installed in each slot of the inner door panel, shown in *Figure 17*. The split in the seal must be at the bottom of the door. Make sure that each tab of the seal is fully engaged into the slot.



D335SE3A

Figure 17



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

29. FRONT PANEL AND PANEL SEAL

(Figure 19)

- While supporting the access panel, remove two screws from bottom edge of access panel. See Figure 4.
- Gently lower the access panel to disengage locators from bottom edge of front panel. See Figure 19.

NOTE: Some models may have security cap screws installed. Security cap screws are located in the control cabinet behind the control panel. Unlock and remove control panel to see if these screws are present. If security cap screws are present, remove them.

- Remove two screws holding bottom tabs on front panel to dryer side panels. Swing bottom of front panel away from dryer far enough to disengage hold-down clips and locators from cabinet top.
- Disconnect wires from door switch. See Figure 18.

NOTE: Refer to appropriate wiring diagram when rewiring switch.

- Remove front panel seal from flange around inside of door opening.

NOTE: Be sure seal is properly positioned when installing on front panel.

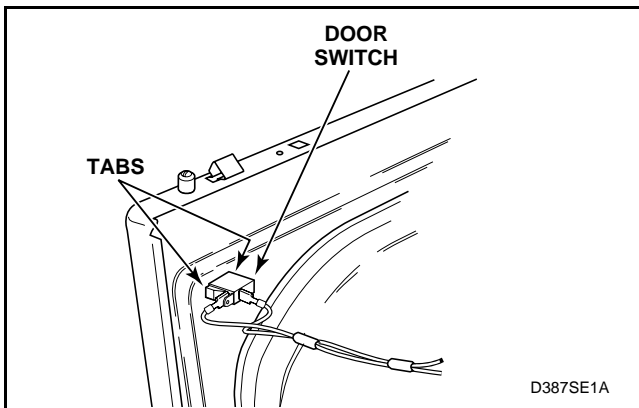


Figure 18

30. DOOR SWITCH

- While supporting the access panel, remove two screws from bottom edge of access panel. See Figure 4.
- Gently lower the access panel to disengage locators from bottom edge of front panel. See Figure 19.
- Remove two screws holding tabs on front panel to dryer side panels. Swing bottom of front panel away from dryer far enough to disengage hold-down clips and locators from cabinet top.
- Disconnect wires from door switch. See Figure 18.

NOTE: Refer to appropriate wiring diagram when rewiring switch.

- Depress tabs on switch and push out of front panel. See Figure 18.

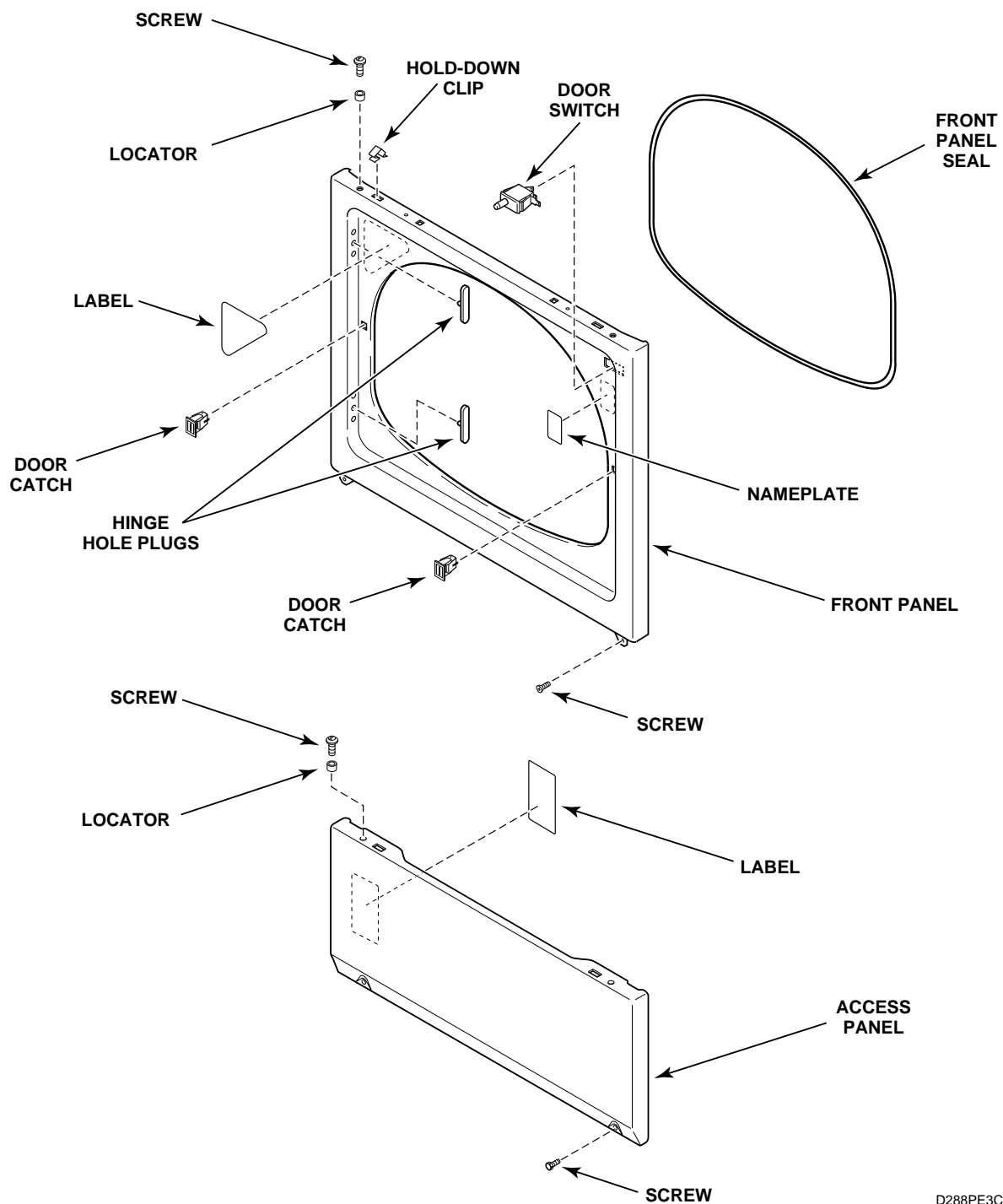
31. DOOR CATCH

(Figure 19)

- While supporting the access panel, remove two screws from bottom edge of access panel. See Figure 4.
- Gently lower the access panel to disengage locators from bottom edge of front panel. See Figure 19.
- Remove two screws holding bottom tabs on front panel to dryer side panels. Swing bottom of front panel away from dryer far enough to disengage hold-down clips and locators from cabinet top.
- Disconnect wires from door switch. See Figure 18.

NOTE: Refer to appropriate wiring diagram when rewiring switch.

- Depress tabs on top and bottom of catch and push out of front panel.



D288PE3C

Figure 19



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

32. LINT FILTER

(Figure 20)

- Open loading door and remove screw from end of lint filter.
- Lift lint filter out of air duct, paying close attention to orientation.

IMPORTANT: When installing lint filter, be sure to install the filter with the words facing the front of

the dryer. If filter is installed backwards, lint will accumulate in exhaust system, which can adversely affect dryer performance.

33. LOADING DOOR AND DOOR HINGE

- Open loading door.
- Remove screws holding loading door to hinges. See Figure 20.

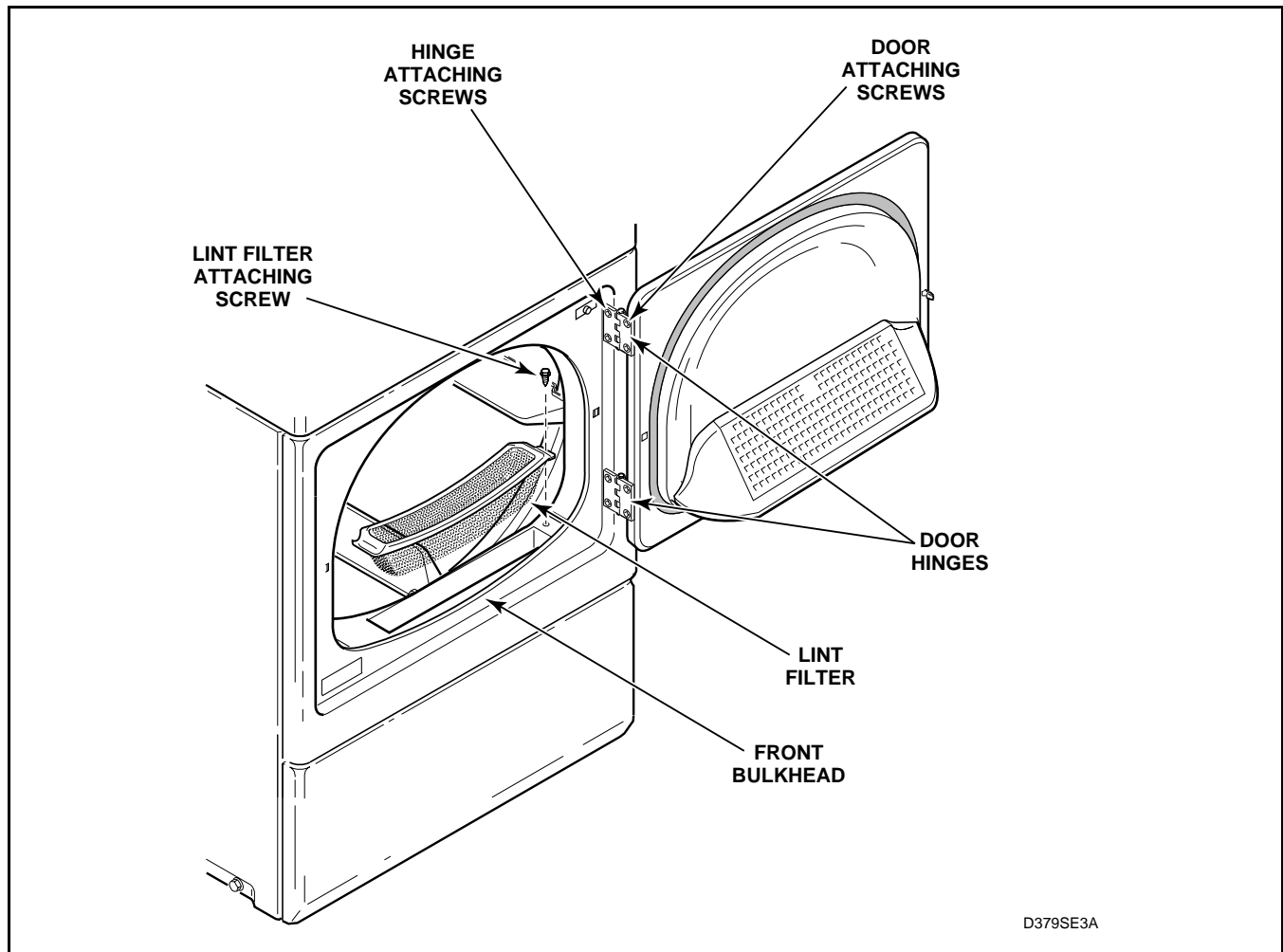



Figure 20

	<h2 style="margin: 0;">WARNING</h2>
<p>To reduce the risk of electric shock, fire, explosion, serious injury or death:</p> <ul style="list-style-type: none"> • Disconnect electric power to the dryer(s) before servicing. • Close gas shut-off valve to gas dryer(s) before servicing. • Never start the dryer(s) with any guards/panels removed. • Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded. 	
<small>W001R1</small>	

34. DOOR HINGE

(Figure 20)

- a. Open loading door and, while supporting door, remove four screws holding door assembly to hinges.
- b. Remove four screws holding hinges to front panel.

35. HOLD-DOWN CLIPS AND LOCATORS

(Figure 19)

- a. While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- b. Gently lower the access panel to disengage locators from bottom edge of front panel.
- c. Remove two screws holding bottom tabs on front panel to dryer side panels. Swing bottom edge of front panel away from dryer far enough to disengage hold-down clips and locators from cabinet top.
- d. Disconnect wires from door switch. See *Figure 18*.

NOTE: Refer to appropriate wiring diagram when rewiring switch.

- e. Compress hold-down clips and remove from top of front panel.
- f. Remove screws holding locators to front panel.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

36. BURNER SYSTEM COMPONENTS (Gas Models)

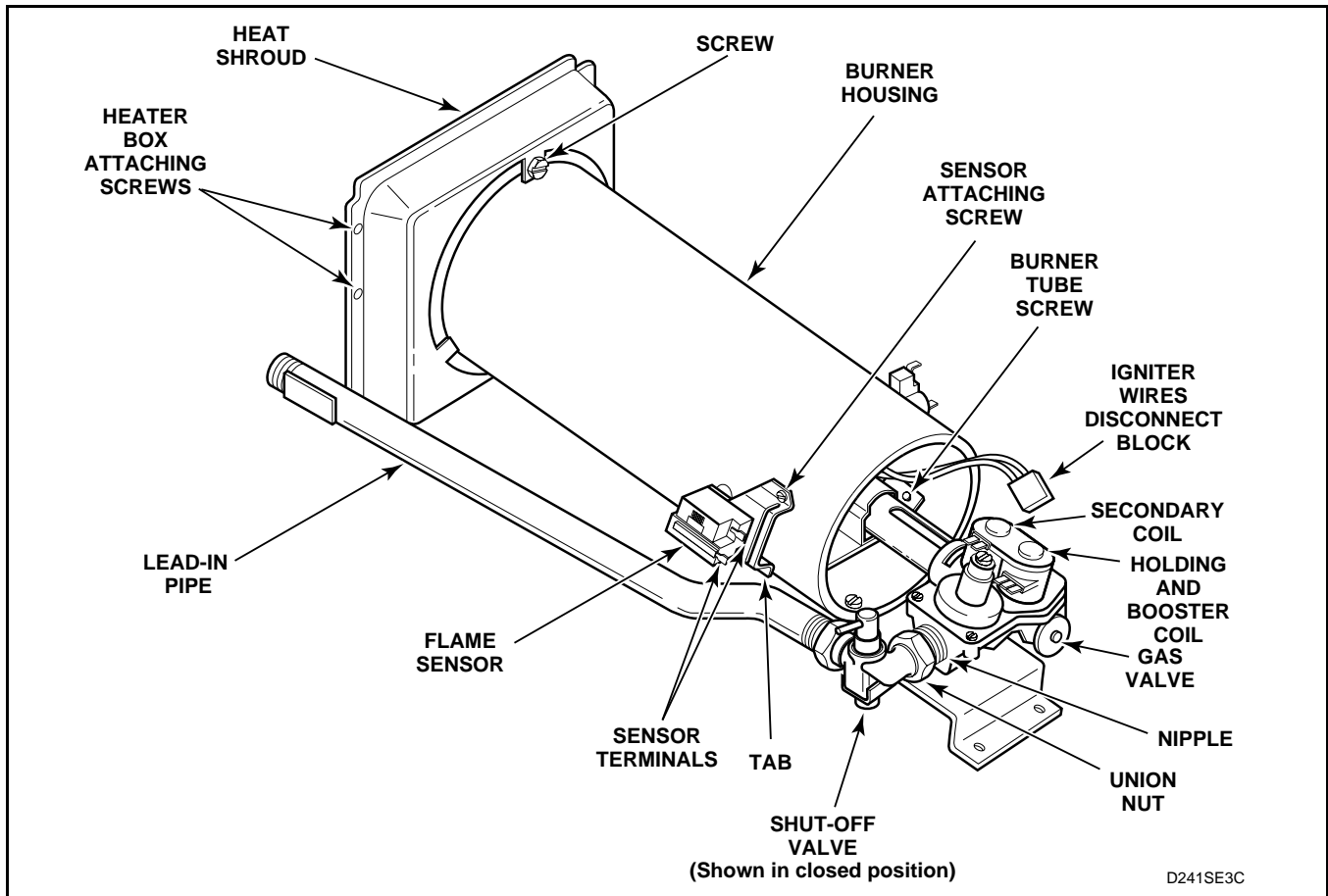
a. Complete Gas Valve Assembly.

- (1.) While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- (2.) Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- (3.) Close main gas shut-off valve, disconnect igniter wires at disconnect blocks, sensor wires from flame sensor terminals, and

wires from gas valve coils at the quick disconnect blocks. See *Figure 21*.

- (4.) Disconnect gas shut-off valve from gas valve at the union nut. See *Figure 21*.
- (5.) Remove three screws holding valve and mounting bracket to base. See *Figure 21*.
- (6.) Lift gas valve and mounting bracket from base. See *Figure 21*.

NOTE: The holding and booster coil, and secondary coil can be replaced individually.



D241SE3C

Figure 21



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

b. Burner Tube, Igniter and Bracket

NOTE: Burner tube and igniter can be removed without removing gas valve and bracket.

- (1.) Remove one screw from right side of burner housing holding burner tube in place. See *Figure 23*.
- (2.) Gently move burner tube toward rear of dryer to disengage tab from slot on left side of burner housing. See *Figure 21*.
- (3.) Carefully rotate burner tube and igniter **counterclockwise** so tab is at 8 o'clock position.
- (4.) Move air shutter end of burner tube slightly to right and **CAREFULLY** remove burner tube and igniter assembly out through front of dryer.
- (5.) Remove screw holding igniter and bracket to burner tube and remove igniter and bracket. See *Figure 22*.

IMPORTANT: Use care while removing igniter to avoid damage. The igniter is very fragile.

IMPORTANT: Handle igniter by grasping the white ceramic portion of bracket only. **DO NOT** handle silicon carbide portion of igniter with hands or allow it to be contaminated by oil, grease or other foreign material. Oil, grease and other impurities or hairline cracks will cause the igniter to burn out.

c. Flame Sensor

- (1.) While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- (2.) Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- (3.) Remove wires from flame sensor terminals. See *Figure 21*.
- (4.) Remove screw holding flame sensor to burner housing. See *Figure 21*.

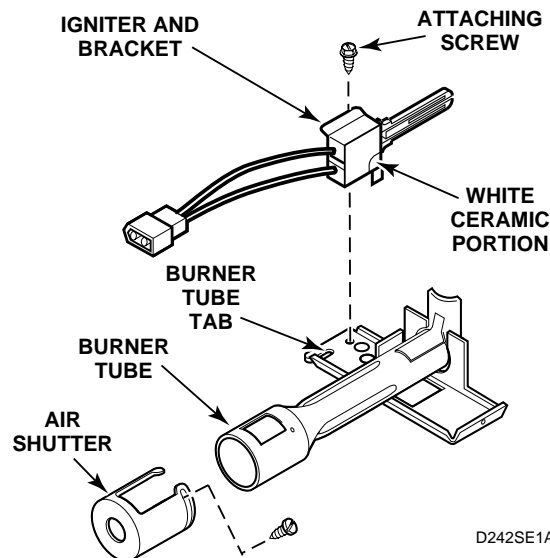


Figure 22



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

37. BURNER HOUSING AND HEAT SHROUD (Gas Models)

- a. While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- b. Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- c. Disconnect igniter wires at disconnect blocks, sensor wires from flame sensor terminals, and wires from gas valve coils at the quick disconnect blocks. See *Figure 21*.
- d. Remove screw from right side of burner housing, while holding burner tube in place. See *Figure 23*.
- e. Gently move burner tube toward rear of dryer to disengage tab from slot on left side of burner housing. See *Figure 21*.

- f. Carefully rotate burner tube and igniter **counterclockwise** so tab is at 8 o'clock position.
- g. Move air shutter end of burner tube slightly to the right and CAREFULLY remove burner tube and igniter assembly out through front of dryer.

IMPORTANT: The igniter is very fragile. Be careful not to damage it during removal.

- h. Remove screw holding burner housing to heat shroud. See *Figure 21*.
- i. Remove screw holding front of burner housing to dryer base and remove housing out through front of dryer. See *Figure 23*.
- j. Remove two screws holding heat shroud to heater box and take heat shroud out through front of dryer. See *Figure 21*.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

38. LIMIT THERMOSTAT

- While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- Disconnect wires and remove screws holding limit thermostat to burner housing (gas models) or element plate (electric models). See *Figure 23*.

39. HEATING ELEMENT (Electric Models)

- While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- Remove two screws holding element and plate to heater box and remove element and plate out through front of dryer. See *Figure 23*.
- Disconnect wires from element and plate. See *Figure 23*.

NOTE: When reassembling, be sure all wire connectors are tight on element terminals, thermal fuse and limit thermostat.

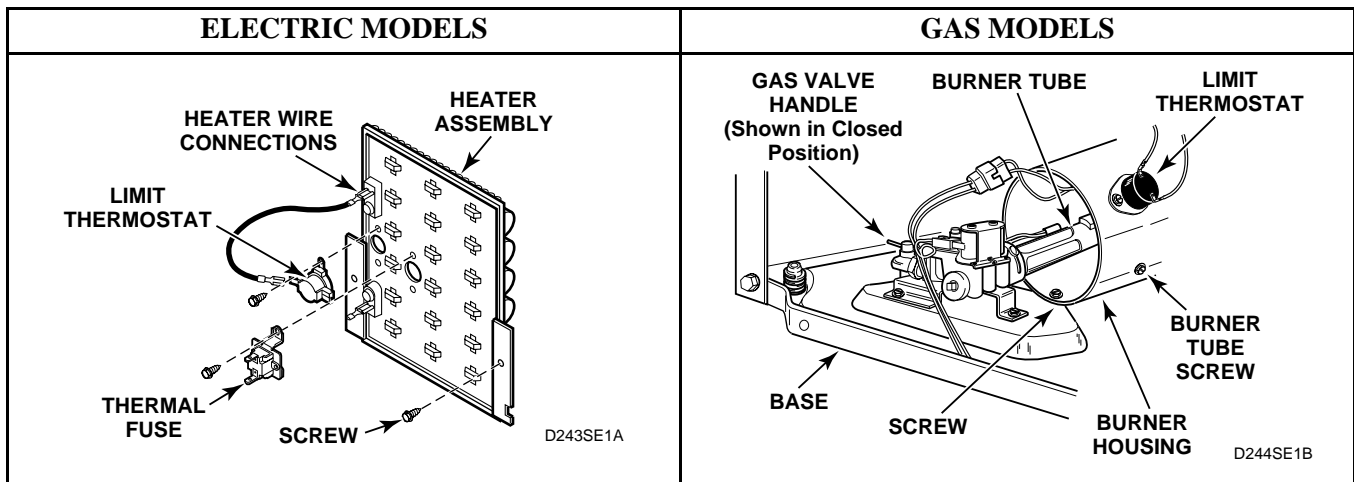


Figure 23



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

40. THERMISTOR OR THERMOSTAT

- While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- Disconnect wires and remove thermostat or thermistor attaching screws. See *Figure 24*.

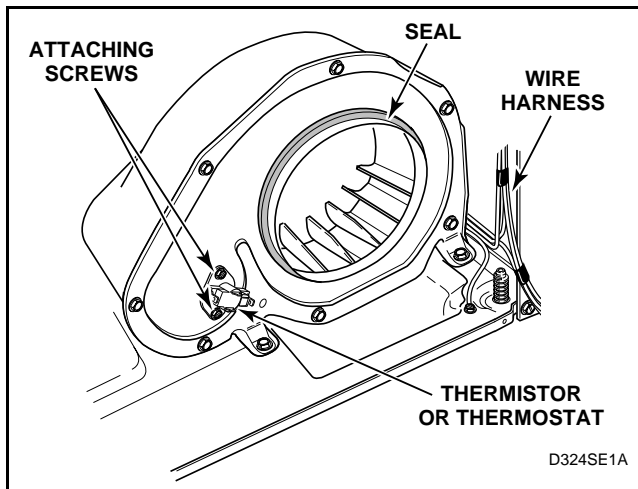


Figure 24

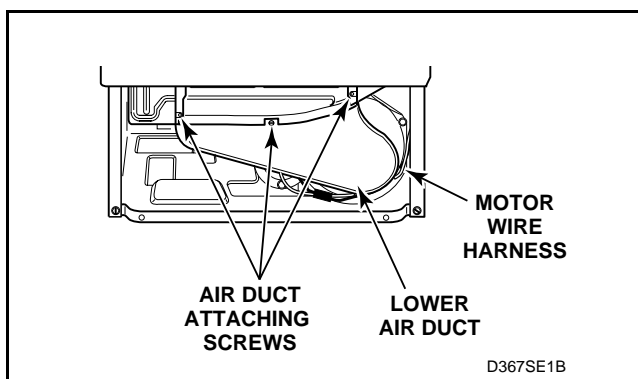


Figure 25

41. AIR DUCT

- Lower Air Duct
 - While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
 - Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.

IMPORTANT: When installing lint filter, be sure to install the filter with the words facing the front of the dryer. If filter is installed backwards, lint will accumulate in exhaust system, which can adversely affect dryer performance.

- Remove three screws holding lower duct to upper duct and remove lower air duct. See *Figure 25*.



WARNING

To reduce the risk of serious injury or death by carbon monoxide and other gases in gas dryers, carefully read and follow all instructions given in this section.

W005

IMPORTANT: When reassembling, be sure seal on exhaust fan cover makes airtight seal on flange of duct. See *Figure 24*. If the seal is installed improperly, the airflow through the exhaust system will be restricted which can adversely affect dryer performance.

- Upper Air Duct
 - While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
 - Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
 - Remove three screws holding upper air duct to lower air duct.
 - Remove three screws holding upper air duct to front bulkhead.
 - Carefully lift upper air duct out of dryer.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

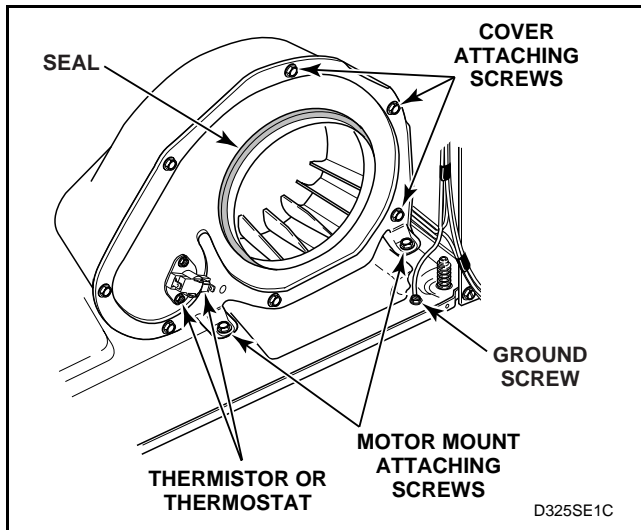


Figure 26

42. MOTOR AND EXHAUST ASSEMBLY

- While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- Open loading door, remove screw, and lift filter out of bulkhead.
- Remove screws holding lower air duct to upper air duct and remove lower air duct. See *Figure 25*.



WARNING

To reduce the risk of serious injury or death by carbon monoxide and other gases in gas dryers, carefully read and follow all instructions given in this section.

W005

IMPORTANT: When reassembling, be sure seal on exhaust fan cover makes airtight seal on flange of duct. See *Figure 26*. If the seal is installed improperly, the airflow through the exhaust system

will be restricted, which can adversely affect dryer performance.

- Disconnect wires from thermostat or thermistor, then disconnect ground wire screw.

NOTE: Refer to appropriate wiring diagram when rewiring thermostat or thermistor.

- Remove cylinder belt from idler and motor pulleys. See *Figure 27*.
- Disengage motor wire harness terminal block from motor switch by pressing in on the movable locking tabs (located on each end of the terminal block) and pulling away from motor. See *Figure 30*.
- Remove two screws holding motor mounting bracket to dryer base. See *Figure 26*.



WARNING

To reduce the risk of serious injury or death by carbon monoxide and other gases in gas dryers, carefully read and follow all instructions given in this section.

W005

IMPORTANT: When reassembling, be sure seal on exhaust fan cover makes airtight seal on flange of duct. See *Figure 24*. If the seal is installed improperly, the airflow through the exhaust system will be restricted which can adversely affect dryer performance.

IMPORTANT: When reinstalling motor and exhaust assembly, be sure wire harness on right side is clipped to motor mounting bracket and is routed along dryer base (between motor mounting bracket and right side of cabinet). See *Figure 25*. Tab on rear of motor mounting bracket must be slid into slot in dryer base. Be sure the belt has been installed on the correct side of the idler lever. See *Figure 27*.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

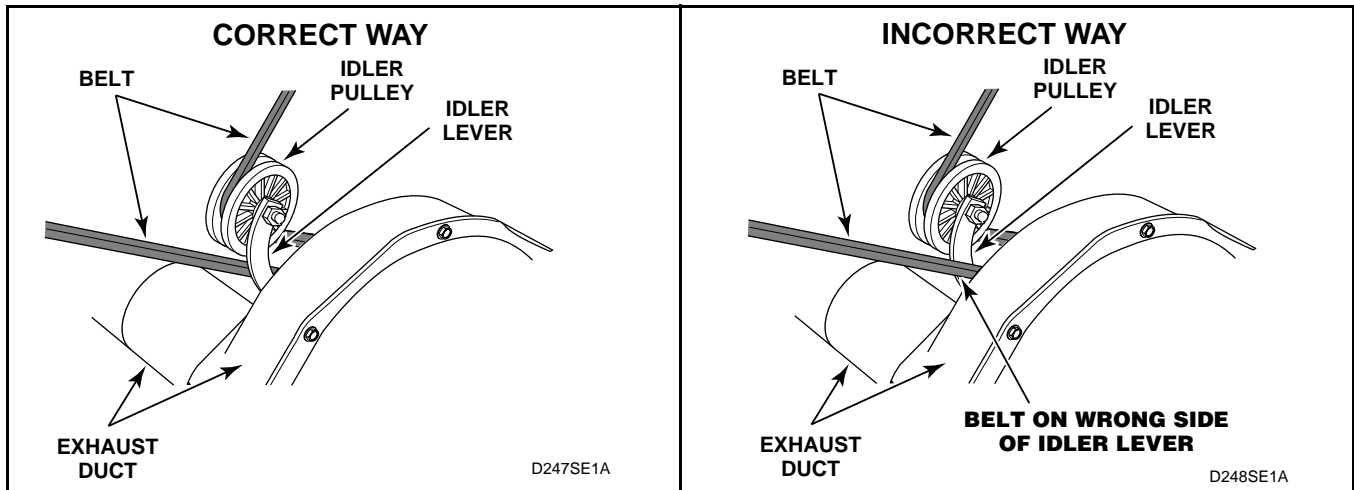


Figure 27

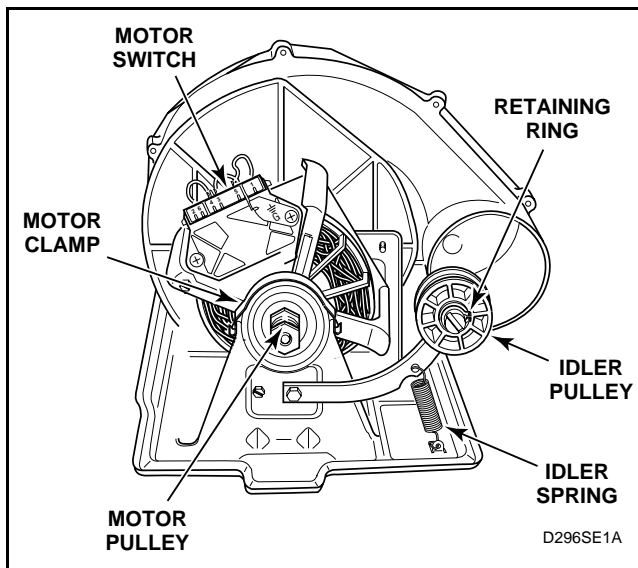


Figure 28

NOTE: When repairing or replacing the idler arm, it is important to make sure the idler arm moves freely. To ensure that the idler arm can move freely, proceed as follows:

- (1.) Unhook idler spring.
- (2.) Lift idler arm approximately 3 inches and release. If idler arm does not fall back to the base of the motor mount, then idler arm bolt is too tight.
- (3.) Loosen idler arm bolt 1/4 turn.
- (4.) Add grease between idler arm and motor mount.

1. Impeller and housing.

- (1.) Remove screws holding cover to housing. See Figure 26.
- (2.) Hold motor pulley securely and unthread impeller from motor shaft (right hand thread). Use a 7/8 inch, 6 point socket to aid in the removal of the impeller.
- (3.) Remove three screws holding the exhaust housing to the motor mounting bracket. See Figure 29.

- i. Pull assembly forward and disengage the middle exhaust duct.
- j. Rotate the assembly 90° **counterclockwise** and slide out through front of dryer.
- k. **Motor pulley and idler pulley assemblies.**
See Figure 28 for motor and idler pulley removal.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

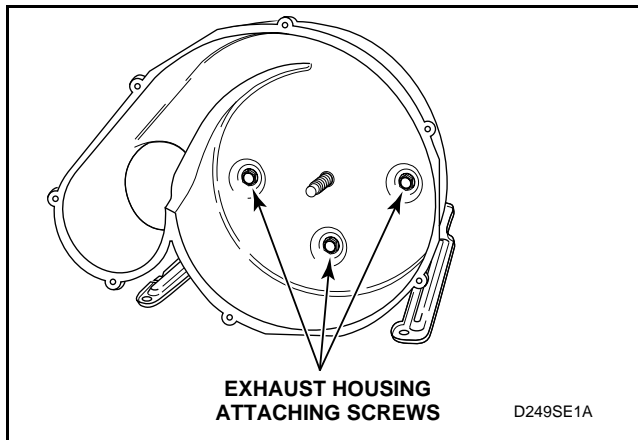


Figure 29

m. Motor.

- (1.) Disengage motor wire harness terminal block from the motor by pressing in on the movable locking tabs (located on each side of the terminal block) and pulling away from motor. See Figure 30.

IMPORTANT: To avoid an open circuit, **DO NOT** pull on the terminal block wires when removing blocks from motor as this could damage the wires or terminal crimping.

Before attaching wire harness terminal block to motor, be sure all the male terminals on motor are straight and are capable of accepting the terminals from the wire harness terminal block.

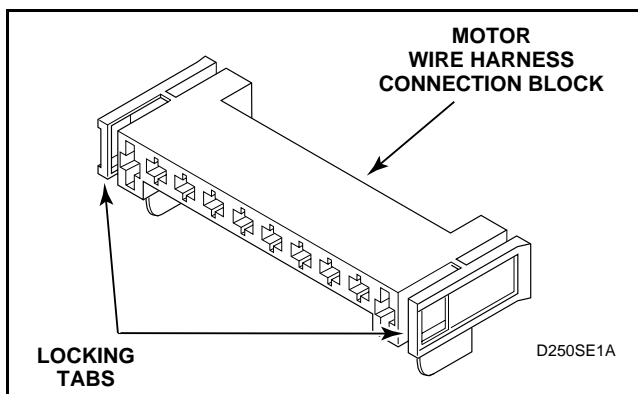


Figure 30

- (2.) Pry two motor clamps off motor mounting bracket with screwdriver, then lift motor out of mounting bracket. See Figure 28.

NOTE: When replacing motor, motor switch should be at 10 o'clock position. The positioning tab on the motor should be engaged with the anti-rotating notch in the motor bracket.

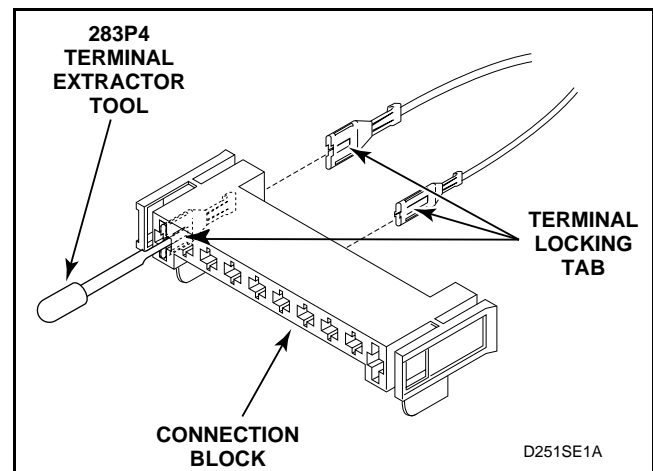


Figure 31

n. Motor Connection Block Terminals

Remove terminals from the motor wire harness connection block using No. 283P4 Terminal Extractor Tool as follows:

- (1.) Insert the tool into the block on the back of the terminal being removed. See Figure 31.
- (2.) Apply tool pressure to compress the terminal locking tab on terminal and force the terminal and wire out back side of connection block. See Figure 31.

To install terminal in connection block, insert terminal (with wire securely crimped in place) into back side of connection block. Push terminal into connection block until locking tab on terminal spreads and holds terminal in place.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

43. FRONT BULKHEAD ASSEMBLY

- While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- Remove two screws holding bottom tabs on front panel to dryer side panels. See *Figure 19*. Swing bottom of front panel away from dryer far enough to disengage hold-down clips and locators from cabinet top.
- Disconnect wires from door switch. See *Figure 18*.

NOTE: Refer to appropriate wiring diagram when rewiring switch.

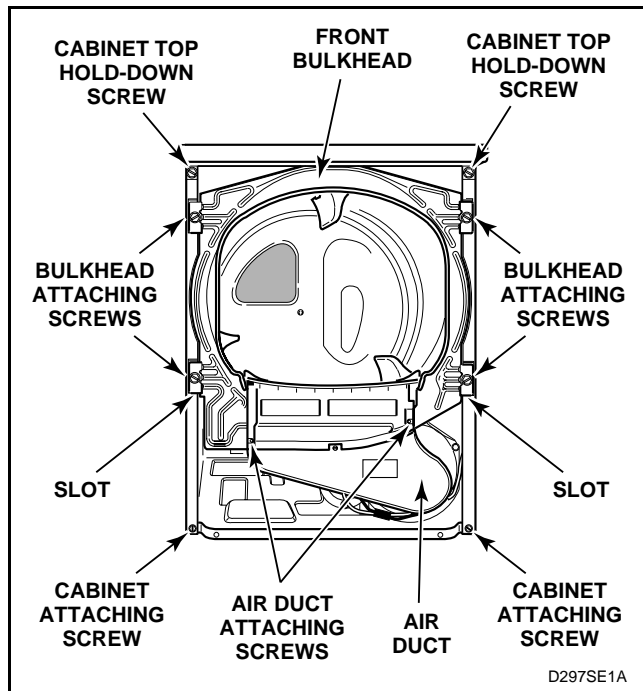


Figure 32



WARNING

To reduce the risk of serious injury or death by carbon monoxide and other gases in gas dryers, carefully read and follow all instructions given in this section.

W005

- Disengage belt from motor and idler pulley. See *Figure 27*.
- Remove four screws holding bulkhead to front flange of cabinet and lift complete bulkhead assembly out of slots in cabinet. See *Figure 32*.
- Remove upper and lower air duct assembly.

IMPORTANT: When reassembling, be sure seal on exhaust fan cover makes airtight seal on flange of duct. See *Figure 24*. If the seal is installed improperly, the airflow through the exhaust system will be restricted which can adversely affect dryer performance.

- Cylinder Glides and Glide Bracket. See *Figure 33*.
 - Unsnap glide from each glide bracket.
 - Drill out rivets holding glide bracket to front bulkhead.

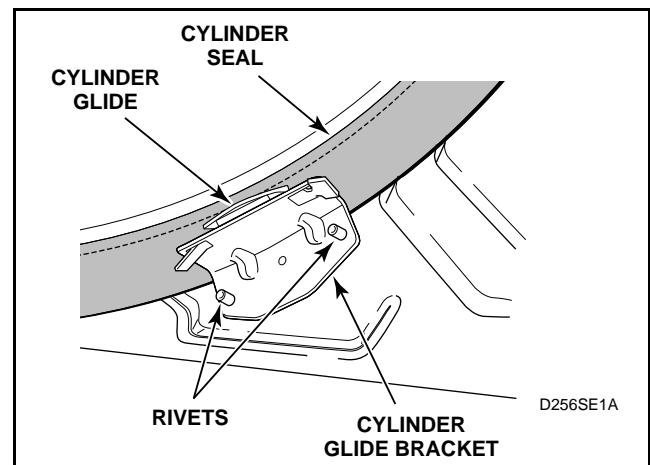



Figure 33

	<h2 style="margin: 0;">WARNING</h2>
<p>To reduce the risk of electric shock, fire, explosion, serious injury or death:</p> <ul style="list-style-type: none"> Disconnect electric power to the dryer(s) before servicing. Close gas shut-off valve to gas dryer(s) before servicing. Never start the dryer(s) with any guards/panels removed. Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded. 	
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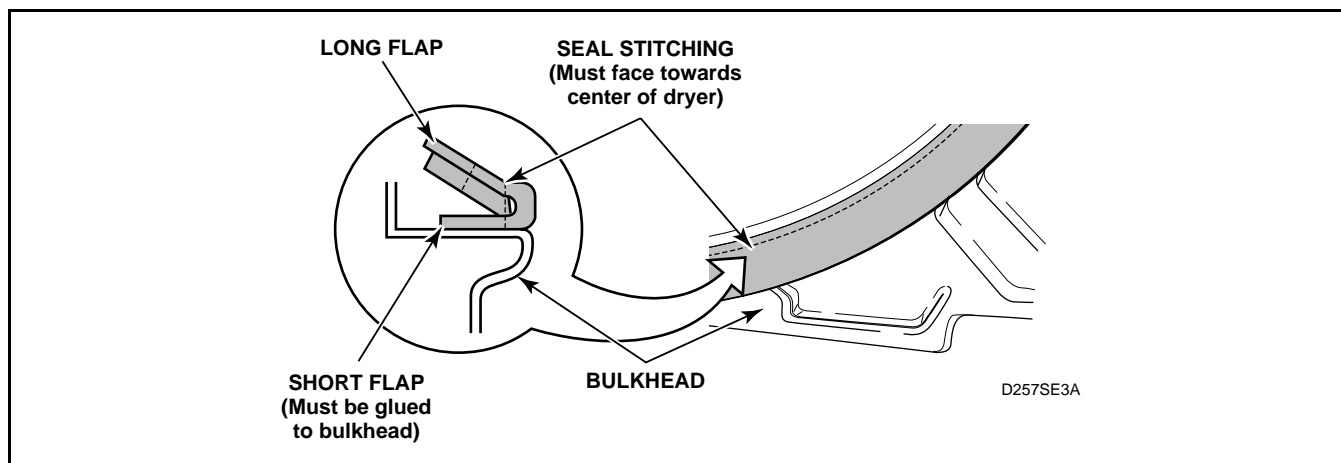


Figure 34

i. Front Cylinder Seal (*Figure 34*)

When installing the cylinder seal, it is important to remember these two important steps:

- (1.) The stitching on the seal must face towards center of dryer.
- (2.) The short flap must be glued to the bulkhead and the long flap left loose.

IMPORTANT: The replacement seal can be adhered to the bulkhead using No. 22506P Sealant. This is accomplished by applying a bead of sealant around the entire flanged area where the felt seal contacts the bulkhead.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

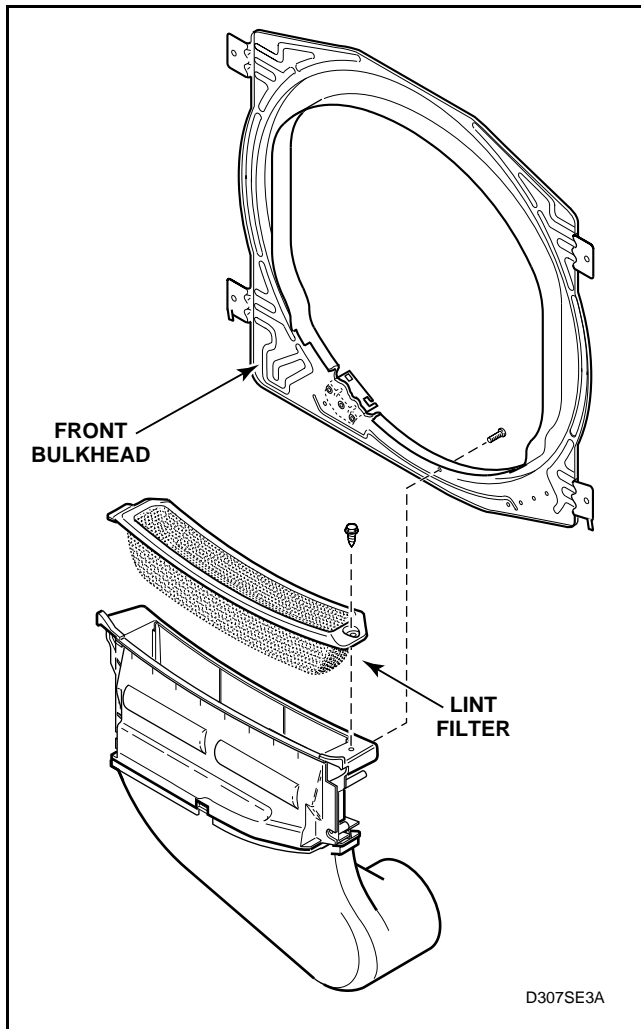


Figure 35

44. CYLINDER BELT

- While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.

- Remove two screws holding bottom tabs on front panel to dryer side panels. See *Figure 19*. Swing bottom of front panel away from dryer far enough to disengage hold-down clips and locators from cabinet top.
- Disconnect wires from door switch. See *Figure 18*.

NOTE: Refer to appropriate wiring diagram when rewiring switch.

- Disengage belt from motor and idler pulleys. See *Figure 27*.
- Remove four screws holding bulkhead to front flange of cabinet. Then, lift complete bulkhead assembly out of slots in cabinet. See *Figure 32*.



WARNING

To reduce the risk of serious injury or death by carbon monoxide and other gases in gas dryers, carefully read and follow all instructions given in this section.

W005

IMPORTANT: When reassembling, be sure seal on exhaust fan cover makes airtight seal on flange of duct. See *Figure 24*. If the seal is installed improperly, the airflow through the exhaust system will be restricted which can adversely affect dryer performance.

- While supporting cylinder, carefully remove belt from cylinder.

NOTE: When reinstalling belt, be sure belt is properly installed on motor and idler pulleys, and is on the correct side of the idler lever. See *Figure 27*. Belt must be positioned around center section of cylinder approximately three inches ahead of rear rib on cylinder. See *Figure 36*. After installing belt, manually rotate cylinder counterclockwise to check that belt is properly aligned.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

45. CYLINDER ASSEMBLY

- While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- Remove two screws holding bottom tabs on front panel to dryer side panels. See *Figure 19*. Swing bottom of front panel away from dryer far enough to disengage hold-down clips and locators from cabinet top.
- Disconnect wires from door switch. See *Figure 18*.

NOTE: Refer to appropriate wiring diagram when rewiring switch.

- Disengage belt from motor and idler pulleys. See *Figure 27*.

NOTE: When reinstalling belt, be sure belt is properly installed on motor and idler pulleys, and is on the correct side of the idler lever. See *Figure 27*. Belt must be positioned around center section of cylinder approximately three inches ahead of rear rib on cylinder, with the ribbed surface of the belt against the cylinder. See *Figure 36*. After installing belt, manually rotate cylinder counterclockwise to check that belt is properly aligned.

- Remove four screws holding bulkhead to front flange of cabinet. Then lift complete bulkhead assembly out of slots in cabinet. See *Figure 32*.

IMPORTANT: When reassembling, be sure seal on exhaust fan cover makes airtight seal on flange of duct. See *Figure 24*. If the seal is installed improperly, the airflow through the exhaust system will be restricted which can adversely affect dryer performance.

- Remove two cabinet top hold-down screws. See *Figure 32*.
- Carefully remove cylinder out through front of dryer.
- Baffles – Remove screws holding baffles to cylinder. See *Figure 36*.

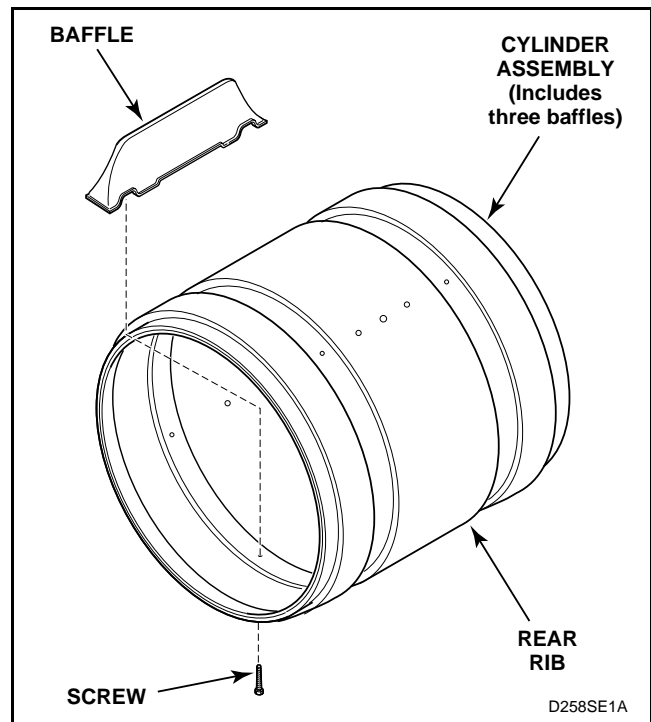


Figure 36



WARNING

To reduce the risk of serious injury or death by carbon monoxide and other gases in gas dryers, carefully read and follow all instructions given in this section.

W005



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

46. REAR SEAL

- a. While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- b. Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- c. Remove two screws holding bottom tabs on front panel to dryer side panels. See *Figure 19*. Swing bottom of front panel away from dryer far enough to disengage hold-down clips and locators from cabinet top.
- d. Disconnect wires from door switch. See *Figure 18*.

NOTE: Refer to appropriate wiring diagram when rewiring switch.

- e. Remove two cabinet top hold-down screws. See *Figure 32*.
- f. Lift cabinet top to a vertical position by hinging it on the rear hold-down brackets.

NOTE: Cabinet top may be raised and hinged on the rear hold-down brackets, or supported against a wall behind the dryer.

- g. Disengage belt from motor and idler pulleys. See *Figure 28*.

NOTE: When reinstalling belt, be sure belt is properly installed on motor and idler pulleys and is on the correct side of the idler pulleys. See *Figure 27*. Belt must be positioned around center section of cylinder approximately three inches ahead of rear rib on cylinder with the ribbed surface of the belt against cylinder. See *Figure 36*. After installing belt, manually rotate cylinder counterclockwise to check that belt is properly aligned.

- h. Remove four screws holding bulkhead to front flange of cabinet. Then, lift complete bulkhead assembly out of slots in cabinet. See *Figure 32*.



WARNING

To reduce the risk of serious injury or death by carbon monoxide and other gases in gas dryers, carefully read and follow all instructions given in this section.

W005

IMPORTANT: When reassembling, be sure seal on exhaust fan cover makes airtight seal on flange of duct. See *Figure 24*. If the seal is installed improperly, the airflow through the exhaust system will be restricted which can adversely affect dryer performance.

- i. Manually rotate cylinder until one of the baffles is at the 6 o'clock position and carefully remove cylinder out through front of dryer.
- j. Pull rear cylinder seal from flanged edge of bulkhead. See *Figure 37*.

NOTE: When installing the cylinder seal, it is important to remember these two important steps:

- (1) The stitching on the seal must face towards the dryer center. See *Figure 34*.
- (2) The short flap, shown in *Figure 34*, must be glued to the bulkhead and the long flap left loose.

IMPORTANT: The seal can be adhered to the bulkhead using replacement sealant No. 22506P. This is accomplished by applying a bead of sealant around the entire flanged area where the felt seal contacts the bulkhead.

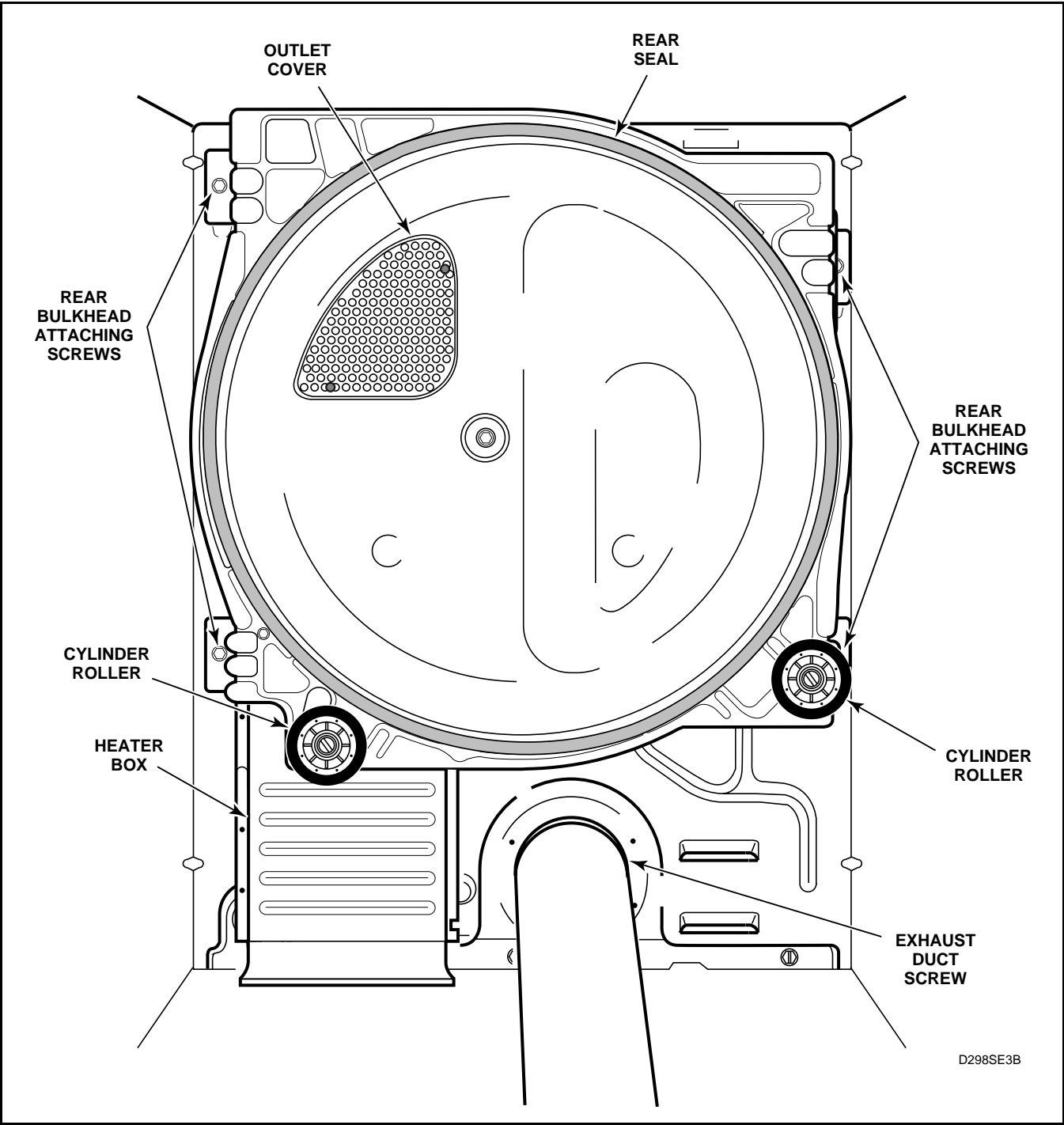


Figure 37



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

47. CYLINDER ROLLERS

- While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- Remove two screws holding bottom tabs on front panel to dryer side panels. See *Figure 19*. Swing bottom of front panel away from dryer far enough to disengage hold-down clips and locators from cabinet top.
- Disconnect wires from door switch. See *Figure 18*.

NOTE: Refer to appropriate wiring diagram when rewiring switch.

- Disengage belt from motor and idler pulleys. See *Figure 27*.
- Remove four screws holding bulkhead to front flange of cabinet. Then lift complete bulkhead assembly out of slots in cabinet. See *Figure 32*.



WARNING

To reduce the risk of serious injury or death by carbon monoxide and other gases in gas dryers, carefully read and follow all instructions given in this section.

W005

IMPORTANT: When reassembling, be sure seal on exhaust fan cover makes airtight seal on flange of duct. See *Figure 24*. If the seal is installed improperly, the airflow through the exhaust system will be restricted which can adversely affect dryer performance.

- Pull cylinder forward allowing rear of cylinder to drop down exposing rollers. See *Figure 38*.
- See *Figure 38* for removal of roller from bulkhead.

NOTE: When replacing the cylinder roller, it is important that cylinder roller is installed with the flanged surface of the roller bearing facing towards the front of the dryer.

48. OUTLET COVER

- Open door and remove two screws holding outlet cover to rear bulkhead. See *Figure 37*.

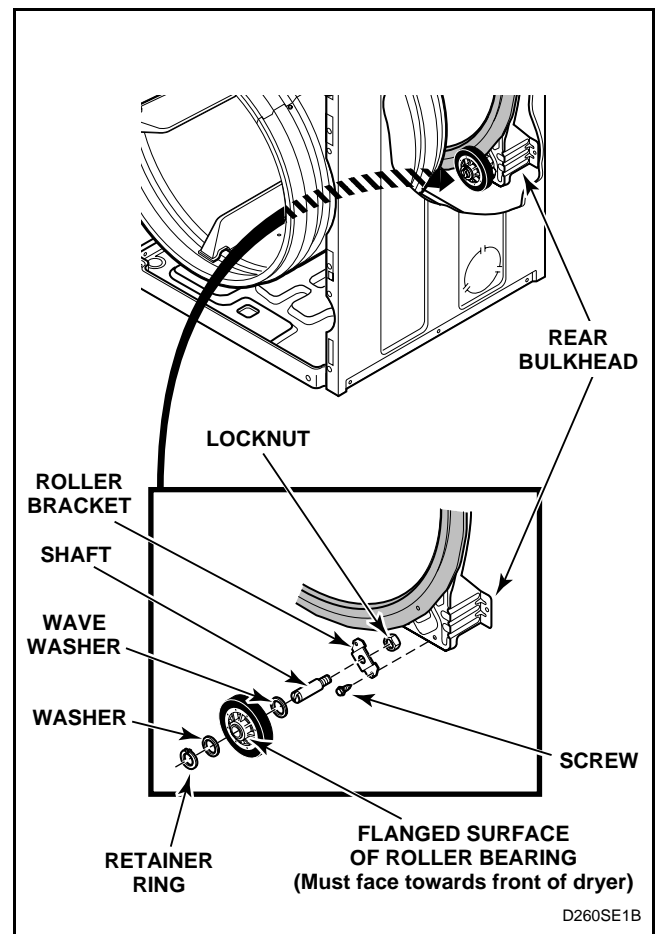


Figure 38



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

49. REAR BULKHEAD AND HEATER BOX

- a. While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- b. Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- c. Remove two screws from bottom tabs on front panel. See *Figure 19*. Swing bottom of front panel away from dryer far enough to disengage hold-down clips and locators from cabinet top.
- d. Disconnect wires from door switch. See *Figure 18*.

NOTE: Refer to appropriate wiring diagram when rewiring switch.

- e. Disengage belt from motor and idler pulleys. See *Figure 27*.

NOTE: When reinstalling belt, be sure belt is properly installed on motor and idler pulleys and is on the correct side of the idler pulleys. See *Figure 27*. Belt must be positioned around cylinder approximately three inches ahead of rear rib on cylinder with the ribbed surface of the belt against the cylinder. See *Figure 36*. After installing belt, manually rotate cylinder counterclockwise to check that belt is properly aligned.

- f. Remove four screws holding bulkhead to front flange of cabinet. Then lift complete bulkhead assembly out of slots in cabinet. See *Figure 32*.

IMPORTANT: When reassembling, be sure seal on exhaust fan cover makes airtight seal on flange of duct. See *Figure 24*. If the seal is installed improperly, the airflow through the exhaust system will be restricted which can adversely affect dryer performance.

- g. Remove two cabinet top hold-down screws. See *Figure 32*.
- h. Carefully remove cylinder out through front of dryer.
- i. **Gas Models:**
 - (1.) Disconnect igniter wires at disconnect blocks, sensor wires from flame sensor terminals, and wires from gas valve coils at the quick disconnect blocks. See *Figure 21*.
 - (2.) Remove burner tube attaching screw from right side of burner housing, while holding burner tube in place. See *Figure 23*.
 - (3.) Gently move burner tube toward rear of dryer to disengage tab from slot on left side of burner housing. See *Figure 22*.
 - (4.) Carefully rotate burner tube and igniter **counterclockwise** so tab is at the 8 o'clock position.
 - (5.) Move air shutter end of burner tube slightly to right and **CAREFULLY** remove burner tube and igniter assembly out through front of dryer. See *Figure 22*.

IMPORTANT: The igniter is very fragile. Be careful not to damage it during removal.

- (6.) Remove screw holding burner housing to heat shroud. See *Figure 21*.
- (7.) Remove screw holding front of burner housing to dryer base and remove housing out through front of dryer. See *Figure 23*.
- (8.) Remove two screws holding shroud to heater box, and remove shroud out through front of dryer. See *Figure 21*.



WARNING

To reduce the risk of serious injury or death by carbon monoxide and other gases in gas dryers, carefully read and follow all instructions given in this section.

W005



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

j. Electric Models:

- (1.) Remove two screws holding element and plate to heater box, then pull element down and away from heater box. See *Figure 23*.
- (2.) Remove all wires from terminal block. (Refer to appropriate wiring diagram when rewiring terminal block.)
- (3.) Remove screw holding terminal block to rear bulkhead. See *Figure 40*.

- k. While supporting bulkhead, remove the four screws holding rear bulkhead to dryer cabinet, then lift complete assembly out of dryer. See *Figure 37*.
- l. Remove heater box from rear bulkhead. See *Figure 39*.

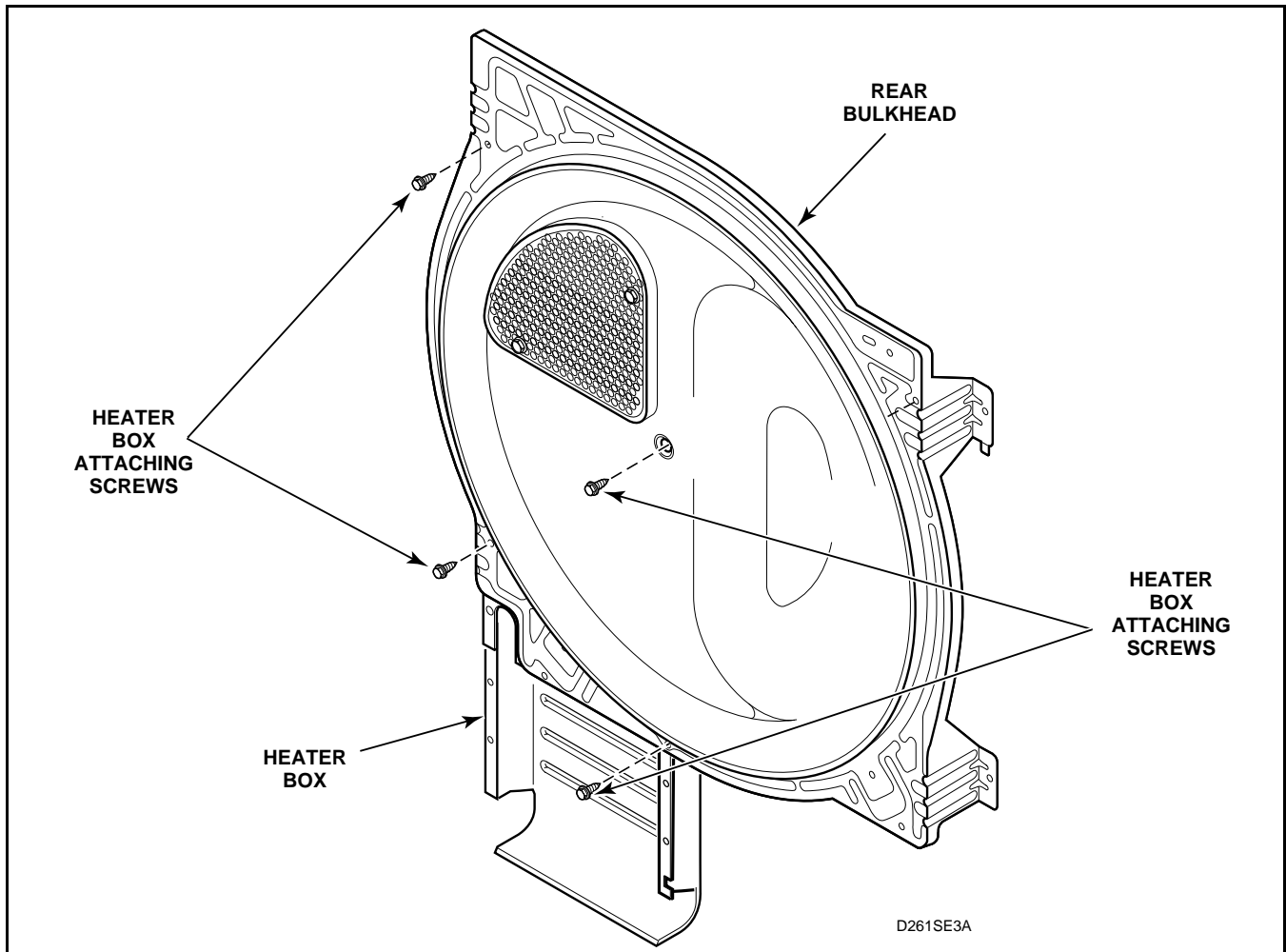


Figure 39



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

50. TERMINAL BLOCK OR POWER CORD

a. Terminal Block:

- (1.) While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- (2.) Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- (3.) Remove two screws holding bottom tabs on front panel to dryer side panels. See *Figure 19*. Swing bottom of front panel away from dryer far enough to disengage hold-down clips and locators from cabinet top.
- (4.) Disconnect wires from door switch. See *Figure 18*.

NOTE: Refer to appropriate wiring diagram when rewiring switch.

- (5.) Unlock control panel. See *Figure 5A*.
- (6.) Pull top of control panel away from control cabinet far enough to allow lifting control

panel up and off the rail support of the control cabinet. See *Figure 5B*.

- (7.) Remove control panel away from control cabinet as far as wires permit. See *Figure 5C*.
- (8.) Remove two screws holding front of cabinet top to top front edge of control cabinet front. See *Figure 11*.
- (9.) If area or space permits, lift cabinet top to a vertical position by hinging it on the rear hinges.

NOTE: To avoid damage to hinges, be sure to support cabinet top with a small chain or something similar. See *Figure 14*.

- (10.) Remove all wires from terminal block.

NOTE: Refer to appropriate wiring diagram when rewiring terminal block.

- (11.) Remove screw holding terminal block and shield to rear bulkhead. See *Figure 40*.

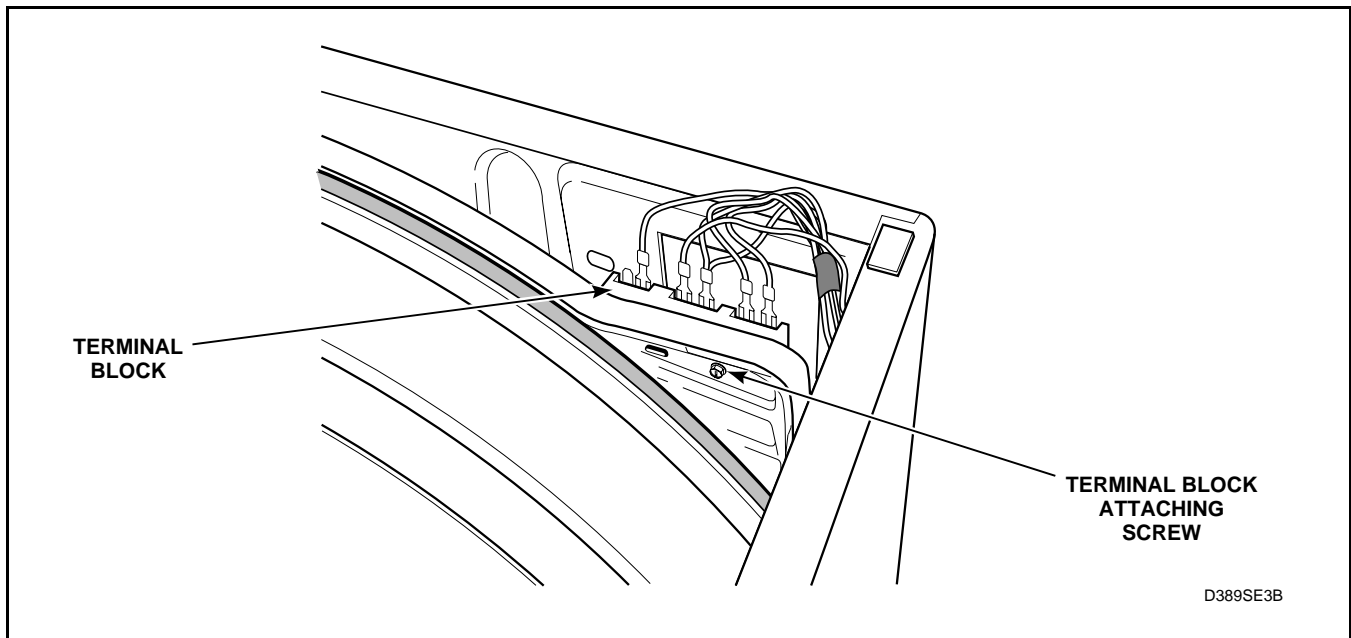


Figure 40



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

b. Power Cord:

- (1.) Remove access plate on rear of cabinet.
- (2.) Remove strain relief.
- (3.) Remove screw holding power cord ground wire to rear bulkhead. See *Figure 41*.

- (4.) Disconnect moxex plug and remove power cord from rear of dryer cabinet.

NOTE: A qualified electrician should check the polarity of the wall receptacle. If a voltage reading is measured other than that illustrated, the qualified electrician should correct the problem.

NOTE: Reinstall screw and ground wires into same hole in bulkhead when reinstalling power cord.

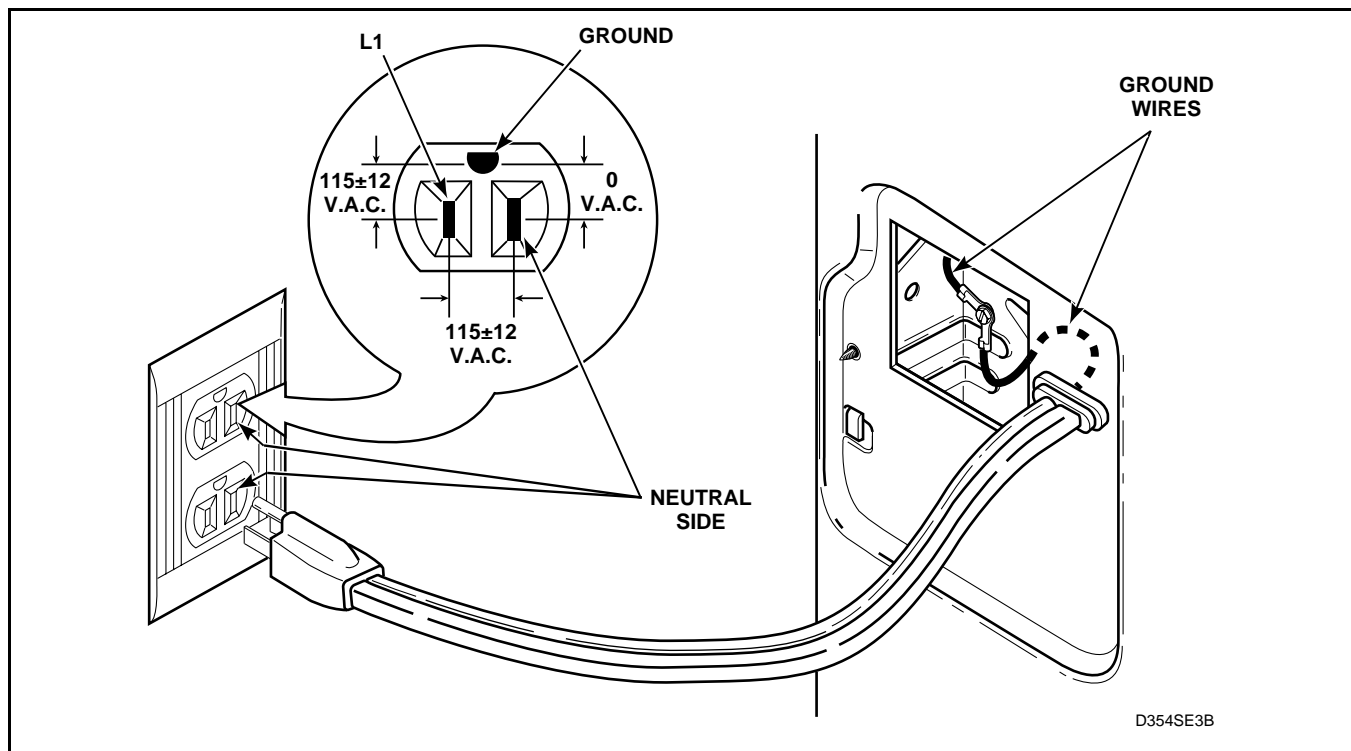


Figure 41



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

51. CABINET AND BASE

- a. Unlock control panel. See *Figure 5A*.
- b. Pull top of control panel away from control cabinet far enough to allow lifting control panel up and off the rail support of the control cabinet. See *Figure 5B*.
- c. Remove control panel away from control cabinet as far as wires permit. See *Figure 5C*.
- d. Remove two screws holding front of cabinet top to top front edge of control cabinet front. See *Figure 11*.
- e. If area or space permits, lift cabinet top to a vertical position by hinging it on the rear hinges.

NOTE: To avoid damage to hinges, be sure to support cabinet top with a small chain or something similar. See *Figure 14*.

- f. Remove cabinet top from dryer by removing nuts and carriage bolts holding cabinet top and hinges to control cabinet. See *Figure 14*.
- g. Carefully lift cabinet top off dryer and set out of the way to prevent damage.
- h. Disconnect all wires to components. See *Figure 6*.
- i. Remove ground clip holding ground wire to control panel. See *Figure 3*.

NOTE: Refer to appropriate wiring diagram when reconnecting wires.

- j. While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- k. Gently lower access panel to disengage panel locators from the bottom edge of front panel and remove access panel. See *Figure 4*.
- l. Disconnect wires from door switch. See *Figure 9*.

NOTE: Refer to appropriate wiring diagram when rewiring switch.

- m. Remove two screws holding bottom tabs on control cabinet to front flange of dryer cabinet. See *Figure 11*.
- n. Remove two screws (per side) holding the control cabinet front to the front flange of the control cabinet wrapper. See *Figure 10*.
- o. **METERED MODELS** - Unlock and remove two coin drawers. Remove one screw (per side) holding control cabinet front to control cabinet wrapper. See *Figure 11*.
- p. Remove screws holding the control cabinet front tabs to the cabinet. See *Figure 11*.
- q. Carefully remove control cabinet. See *Figure 11*.
- r. Disengage belt from motor and idler pulleys. See *Figure 27*.

NOTE: When reinstalling belt, be sure belt is properly installed on motor and idler pulleys, and is on the correct side of the idler lever. See *Figure 27*. Belt must be positioned around center section of cylinder approximately three inches ahead of rear rib on cylinder with the ribbed surface of the belt against the cylinder. See *Figure 36*. After installing belt, manually rotate cylinder counterclockwise to check that belt is properly aligned.

- s. Remove four screws holding bulkhead to front flange of cabinet. Then, lift complete bulkhead assembly out of slots in cabinet. See *Figure 32*.



WARNING

To reduce the risk of serious injury or death by carbon monoxide and other gases in gas dryers, carefully read and follow all instructions given in this section.

W005

IMPORTANT: When reassembling, be sure seal on exhaust fan cover makes airtight seal on flange of duct. See *Figure 24*. If the seal is installed improperly, the airflow through the exhaust system will be restricted which can adversely affect dryer performance.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

- t. While supporting cylinder, carefully remove belt, and remove cylinder out through front of dryer.

u. **Gas Models:**

- (1.) Disconnect igniter wires at disconnect blocks, sensor wires from flame sensor terminals (See *Figure 21*), and wires from gas valve coils at the quick disconnect blocks. See *Figure 23*.
- (2.) Remove screw from right side of burner housing holding burner tube in place. See *Figure 23*.
- (3.) Gently move burner tube toward rear of dryer to disengage tab from slot on left side of burner housing. See *Figure 21*.
- (4.) Carefully rotate burner tube and igniter **counterclockwise** so tab is at the 8 o'clock position.
- (5.) Move air shutter end of burner tube slightly to right and **CAREFULLY** remove burner tube and igniter assembly out through front of dryer.

IMPORTANT: The igniter is very fragile. Be careful not to damage it during removal.

- (6.) Remove screw holding burner housing to heat shroud. See *Figure 21*.
- (7.) Remove screw holding front of burner housing to dryer base and remove housing out through front of dryer. See *Figure 23*.
- (8.) Remove four screws holding shroud to heater box. Remove shroud out through front of dryer. See *Figure 21*.

v. **Electric Models:**

- (1.) Remove two screws holding element and plate to heater box, then pull element down and away from heater box. See *Figure 23*.
- (2.) While supporting bulkhead, remove screws holding bulkhead to rear of dryer cabinet, and remove assembly out of dryer. See *Figure 37*.

NOTE: Refer to appropriate wiring diagram when rewiring element and plate.

- (3.) Remove screw holding exhaust duct to dryer cabinet and pull duct out of cabinet. See *Figure 37*.
- (4.) Remove two screws from each rear cabinet top hold-down bracket. See *Figure 40*.
- (5.) Remove screw holding terminal block access plate to rear of dryer cabinet and remove plate.
- (6.) Remove wire harness clips.
- (7.) Remove locators and screws.
- (8.) Remove two screws from front edge at each side of cabinet. Then remove remaining screws from around bottom of cabinet and lift cabinet off base. See *Figure 32*.

- w. Remove leveling legs from base.

Section 6

Adjustments



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

52. LEVELING LEGS

(Figure 42)

NOTE: Dryer should be installed on a solid and level floor.

- a. Place dryer in position, adjusting the legs until dryer is level.

NOTE: Legs can be adjusted outside the dryer by using a 1-1/4 inch size wrench, or from inside the dryer (with lower front access panel removed) by using a 1/4 inch drive ratchet with extension.

- b. Keep dryer as close to the floor as possible. All four legs must rest firmly on the floor so weight of the dryer is evenly distributed. The dryer **MUST NOT** rock.



WARNING

To reduce the risk of serious injury or death by carbon monoxide and other gases in gas dryers, carefully read and follow all instructions given in this section.

W005

IMPORTANT: DO NOT move the dryer at any time unless the dryer is completely assembled. DO NOT slide the dryer across the floor once the leveling legs have been extended as the legs and base could become damaged.

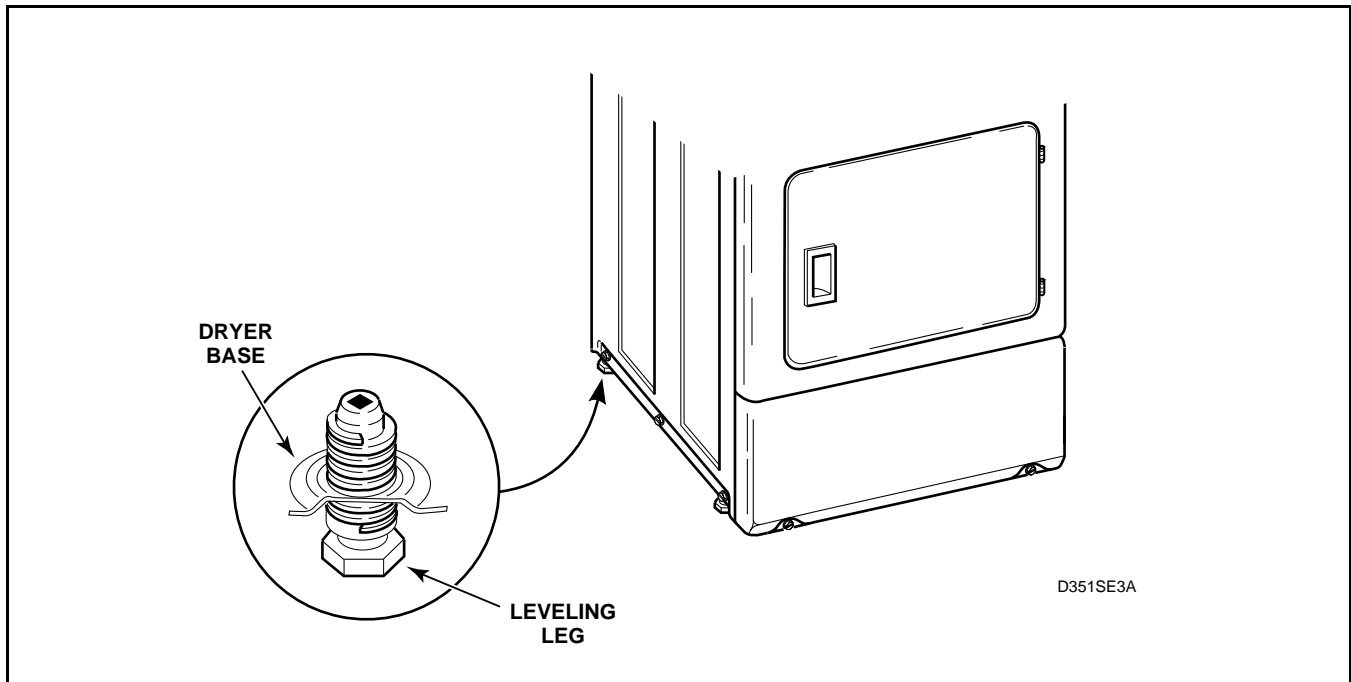




Figure 42

	<h2 style="margin: 0;">WARNING</h2>
<p>To reduce the risk of electric shock, fire, explosion, serious injury or death:</p> <ul style="list-style-type: none"> • Disconnect electric power to the dryer(s) before servicing. • Close gas shut-off valve to gas dryer(s) before servicing. • Never start the dryer(s) with any guards/panels removed. • Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded. 	
<small>W001R1</small>	

53. BURNER FLAME (Gas Models)

- a. While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- b. Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- c. Insert coins or card (depending on model).
- d. Close the loading door. Start the dryer in a heat setting (refer to Operating Instructions supplied with the dryer). The dryer will start, the igniter will glow red, and the main burner will ignite.
- e. Allow the dryer to operate for approximately five minutes, then loosen the air shutter lock screw. See *Figure 43*.

- f. Turn the air shutter to the left to get a luminous yellow tipped flame, then turn it back slowly to the right to obtain a steady blue flame.
- g. After proper flame is obtained, tighten air shutter lock screw firmly. See *Figure 43*.
- h. Reinstall access panel and screws.

	<h2 style="margin: 0;">WARNING</h2>
<p>To reduce the risk of fire or serious injury, the access panel must be in place during normal operation.</p>	
<small>W262</small>	

After the dryer has operated for approximately three minutes, exhaust air or exhaust pipe should be warm.

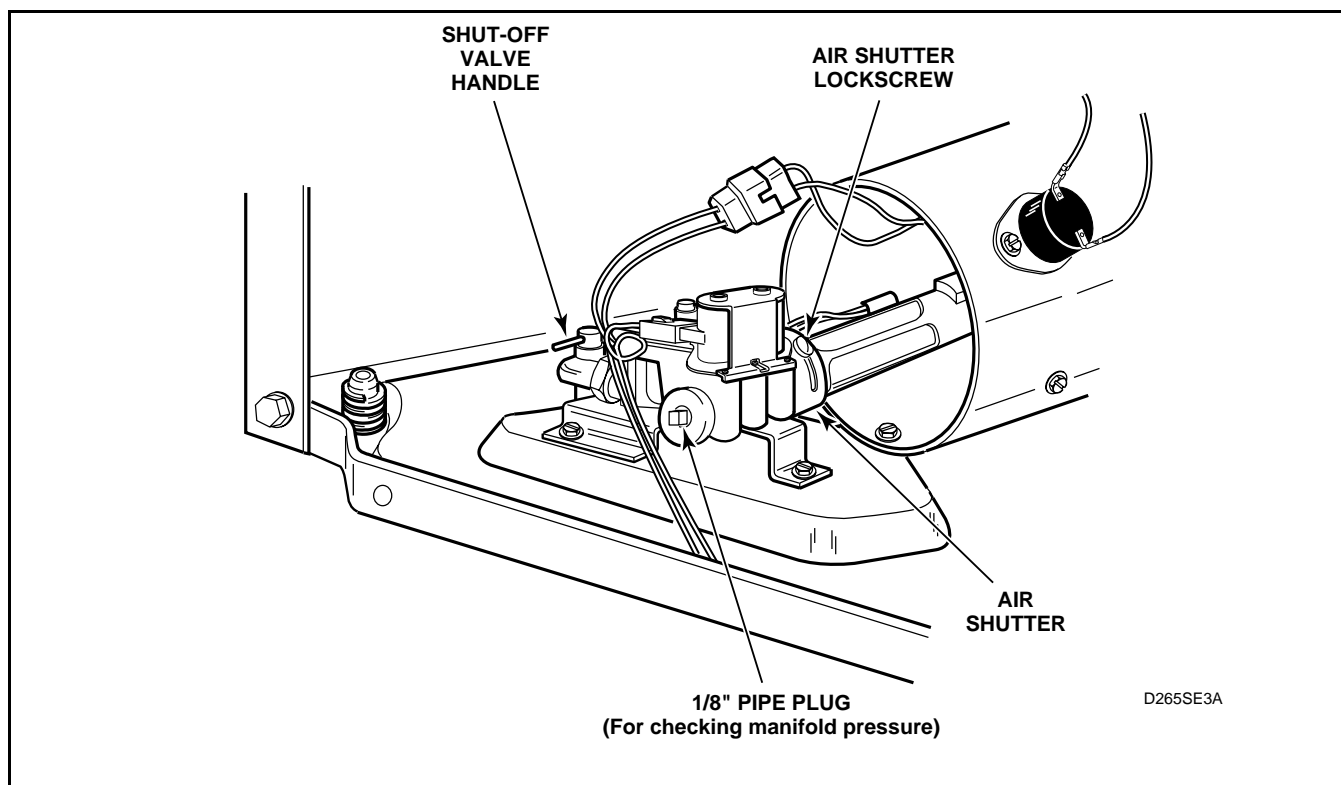


Figure 43

Section 7

Test Procedures



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

IMPORTANT: Electrical test procedures in this service manual are performed by using a Volt-Ohm meter. Tests can also be performed using a multi-meter or any other electrical testing equipment with which the service person is familiar.

54. DRIVE MOTOR

(Figure 44)

- a. Remove motor and exhaust assembly. See Paragraph 43.
- b. Disconnect motor wire harness at motor disconnect block.

NOTE: Refer to appropriate wiring diagram when rewiring motor switch.

NOTE: Drive Motor Resistance
120 Volt 2,460 – 3,100 Ohms

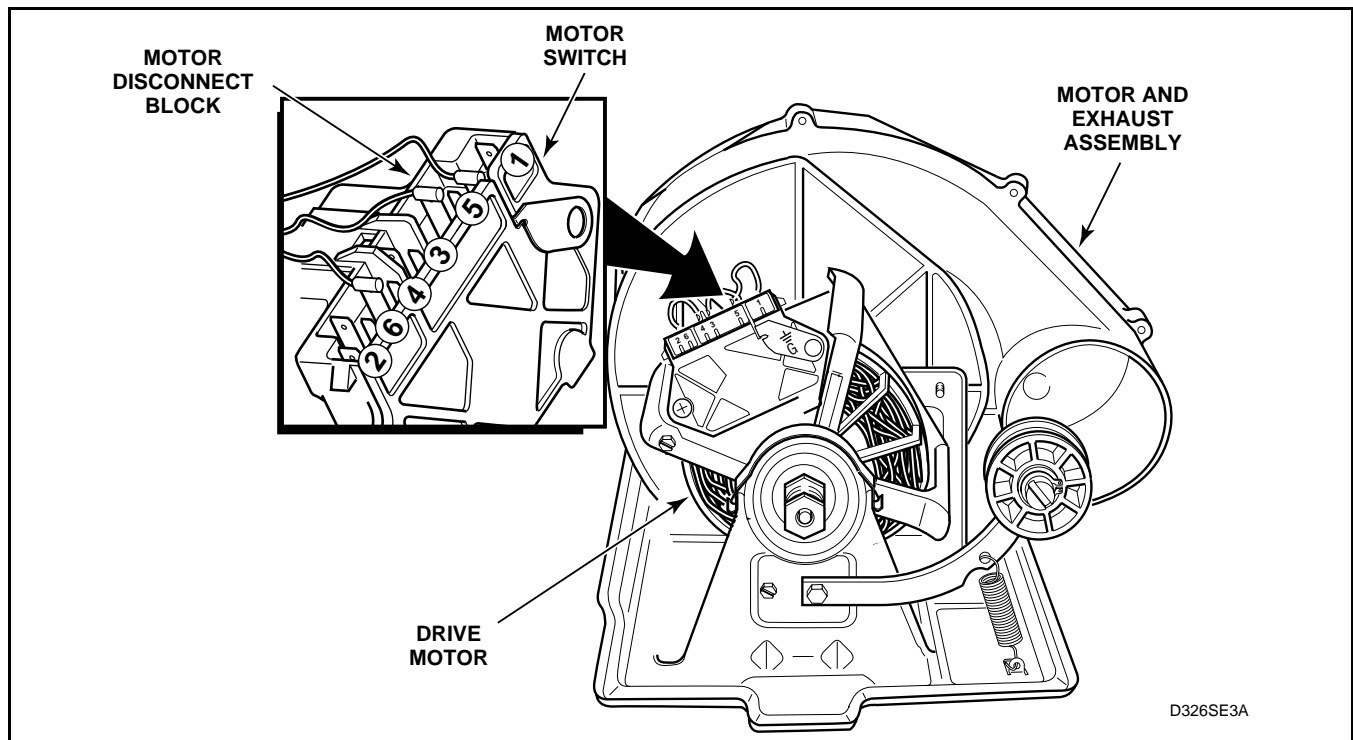

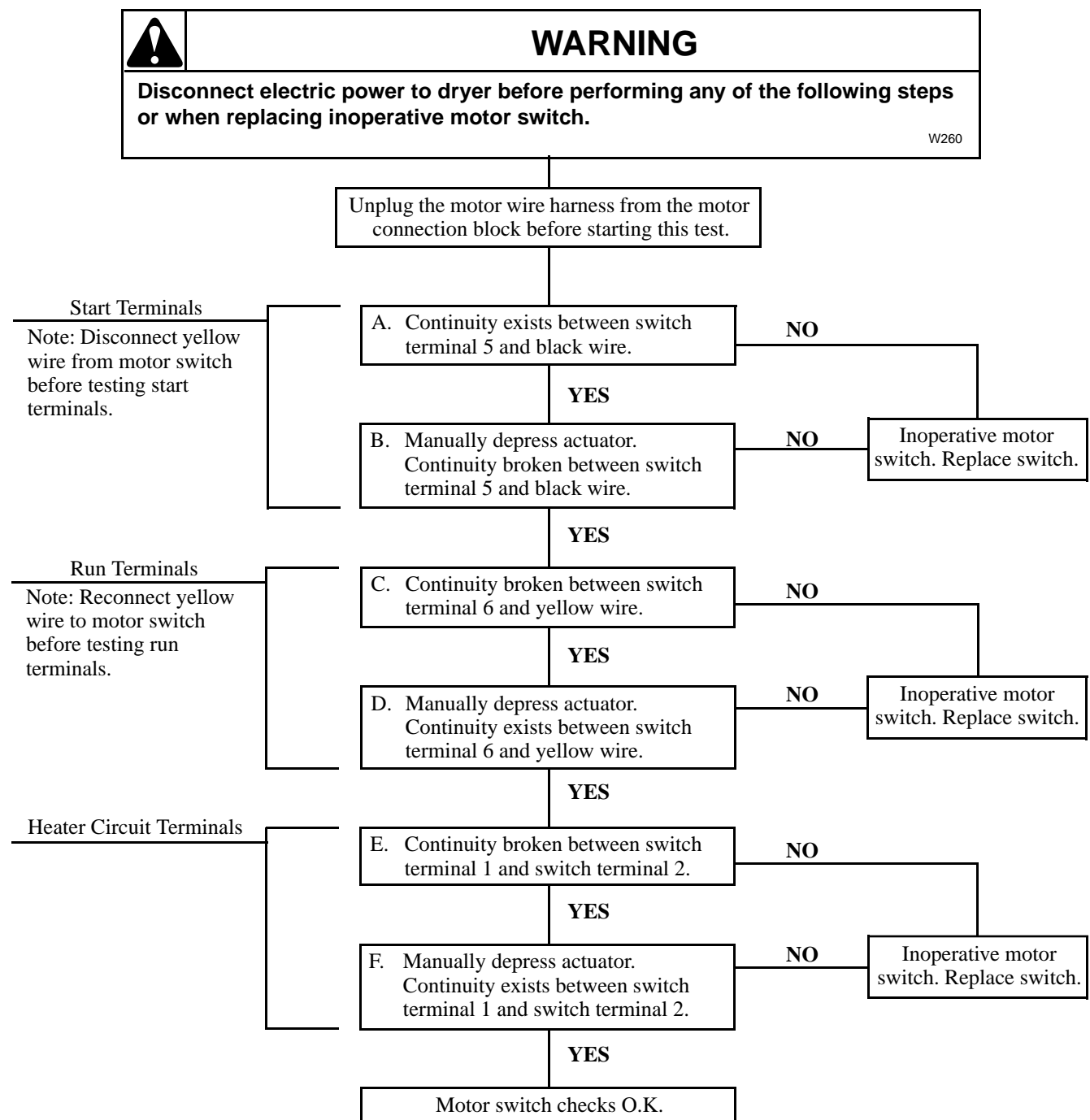


Figure 44

	<h2 style="margin: 0;">WARNING</h2>
<p>To reduce the risk of electric shock, fire, explosion, serious injury or death:</p> <ul style="list-style-type: none"> Disconnect electric power to the dryer(s) before servicing. Close gas shut-off valve to gas dryer(s) before servicing. Never start the dryer(s) with any guards/panels removed. Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded. 	
W001R1	

c. **Motor Switch** (Refer to *SECTION 8* for Internal Wiring of the Dryer Motor Switch.)





WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

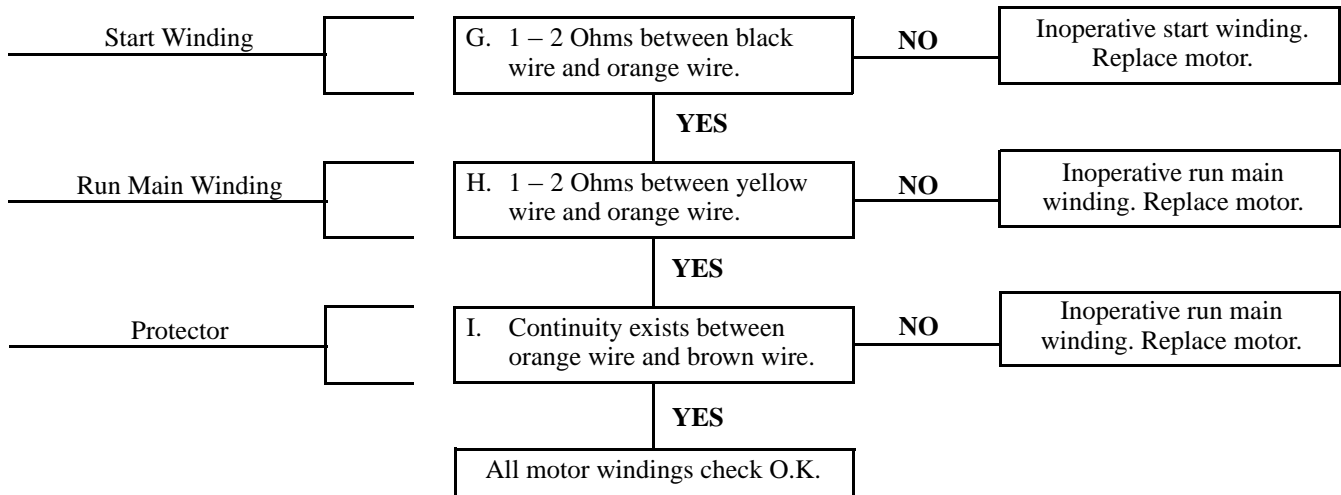
d. **Motor Windings** (Refer to *SECTION 8* for Internal Wiring of the Dryer Motor Switch.)



WARNING

Disconnect electric power to dryer before performing any of the following steps or when replacing inoperative motor switch.

W260





WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

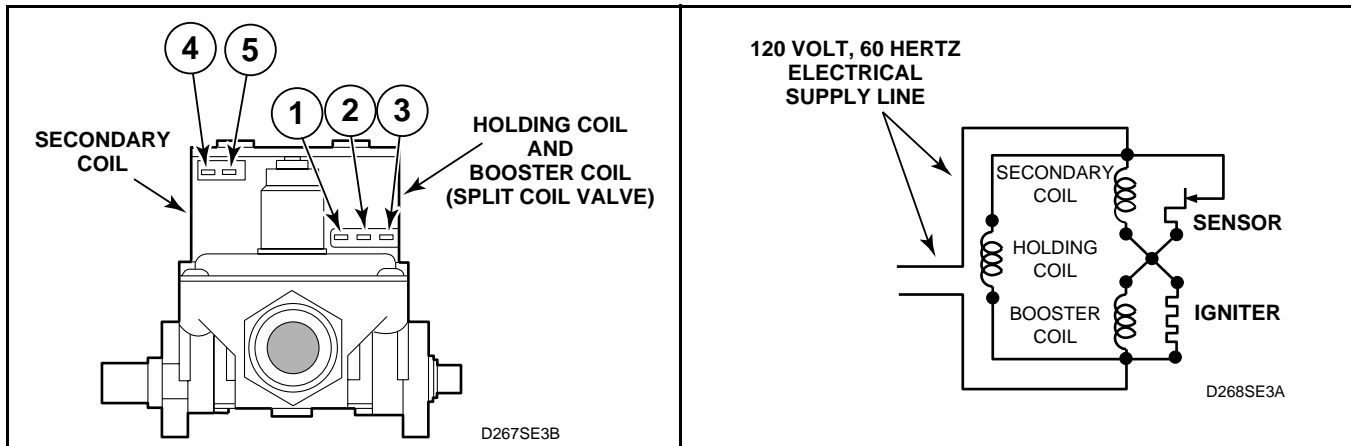


Figure 45

55. BURNER SYSTEM OPERATION

(Gas Models)

(Figure 45)

a. Components

This burner has four basic components: a silicon carbide (glow bar) igniter, burner tube, flame sensor, and a two-stage gas valve consisting of a split-coil valve and a secondary coil valve. The split-coil valve is opened when the dryer thermostat calls for heat, while the secondary valve does not open until the igniter has attained ignition temperature.

b. Pre-Ignition Circuits

When the dryer thermostat calls for heat, circuits are completed through the holding coil, flame sensor, booster coil and igniter. Both coils must be energized to open the split-coil valve. Once opened, the holding coil can hold the valve open without assistance from the booster coil. The flame sensor triggers the current to travel around the secondary coil and through the igniter, causing the igniter to get hot.

c. Burner Circuit

In approximately 30 seconds, the igniter attains ignition temperature and ignition is made. The heat from the burner flame causes the flame sensor contacts (located on burner housing beside the igniter) to open. A circuit is then

completed through the secondary valve coil, opening the valve and allowing gas to flow.

d. Momentary Power Interruption

Upon resumption of power, flame sensor contacts will still be open, permitting secondary valve to open. However, with the secondary coil in the circuit, the booster coil cannot draw enough current to open the split-coil valve. When flame sensor contacts do reclose, the secondary valve will close, and the burner system will be in the normal pre-ignition circuit.

e. Flame Failure

In case of flame failure, the flame sensor contacts will re-close in about 45 seconds. This will close the secondary valve and the burner system will be in the normal pre-ignition circuit.

f. Ignition Failure

If flame is not established as flame sensor contacts open, secondary valve will remain open until flame sensor contacts re-close. Flame sensor will continue to recycle the igniter and secondary valve (about once per minute) until ignition is made or dryer is turned off.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

56. ELECTRICAL CIRCUIT TO IGNITION SYSTEM (Gas Models)

- While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- Close main gas shut-off valve. See *Figure 43*.
- Remove valve wire harness disconnect block from the holding and booster coil. See *Figure 46*.
- Plug dryer power cord into wall receptacle, and start the dryer in a heat setting (refer to the Operating Instructions supplied with dryer).
- Set test meter to read AC voltage and apply meter probes into terminals on the dryer harness plug that would correspond to terminals "1" and "2" on the coil. See *Figure 45*. Meter should register line voltage in all Fabric settings, except FLUFF which should read "zero" VAC.
- If meter does not read line voltage in step "f", check motor switch, thermostats, fabric switch or accumulator.

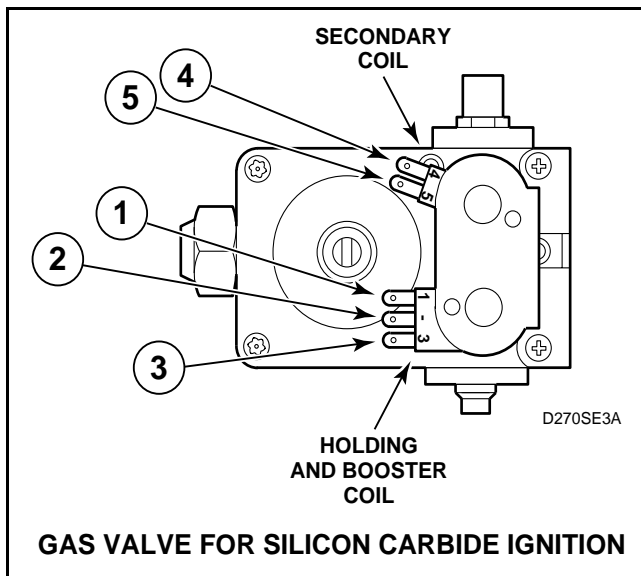


Figure 46



WARNING

To reduce the risk of fire, explosion and electric shock, close the valve in the gas supply line to the gas dryer and disconnect the electrical power unless gas or power supplies are required to perform test procedure.

W263

57. GAS VALVE COILS CHECK (Gas Models)

- While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- Close main gas shut-off valve. See *Figure 43*.
- Remove disconnect blocks from gas valve coils.
- Set test meter to read Ohms and put meter probes to terminals shown in *Figure 46*, and in the following chart.

COIL TOLERANCE READINGS

Meter probes to terminals:	Meter should read:
Holding Coil – Terminals 1 & 2	1365 ± 25 Ohms
Booster Coil – Terminals 1 & 3	560 ± 25 Ohms
Secondary Coil – Terminals 4 & 5	1220 ± 50 Ohms

NOTE: If meter registers any other readings than those listed above, the respective coil(s) should be replaced.



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

58. SENSOR CHECK (Gas Models)

- While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- Gently lower the access panel to disengage locators from bottom edge of front panel.
- Close main gas shut-off valve. See *Figure 21*.
- Remove wires from sensor terminals. See *Figure 21*.
- Set test meter to read Ohms and put meter probes on sensor terminals. Meter should read “zero” Ohms. If meter registers an Ohm reading of any amount, replace sensor.

59. IGNITER CHECK (Gas Models)

- While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- Close main gas shut-off valve. See *Figure 21*.
- Disconnect igniter wires at disconnect block.
- Set test meter to read Ohms and put meter probes on terminals of igniter wires.
- Silicon Carbide Igniter** – meter should read between 45 – 200 Ohms. See *Figure 47*.

If meter does not read appropriate Ohms, then replace the igniter.

IMPORTANT: Always examine all wires, terminals and connectors to be sure wiring is proper before replacing any components.

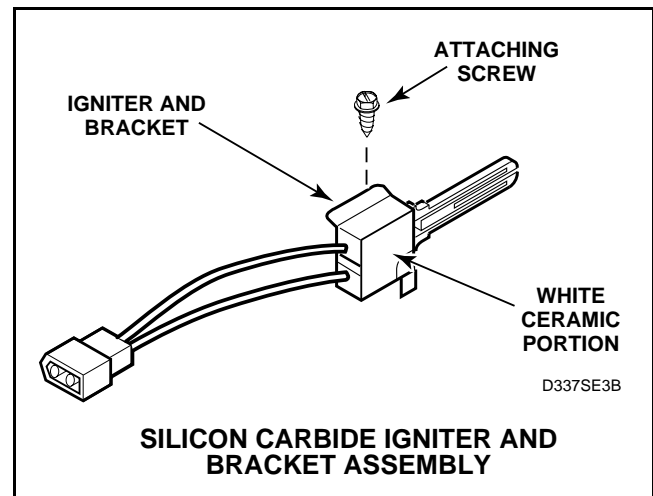


Figure 47



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

60. THERMAL FUSE (Electric Models)

- a. While supporting the access panel, remove two screws from bottom edge of front access panel. See *Figure 4*.
- b. Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- c. Label and disconnect wires from thermal fuse. See *Figure 23*.

NOTE: Refer to appropriate wiring diagram when rewiring thermal fuse.

- d. Set multimeter to read Ohms. Apply meter probes to thermal fuse terminals. Multimeter should read 0 Ohms. If the meter does not show any reading (infinite Ohms), then the fuse is open. If the fuse is open, then replace BOTH the thermal fuse and the limit thermostat.

61. HEATER ASSEMBLY (Electric Models)

- a. While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- b. Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- c. Disconnect wires from heater assembly. See *Figure 23*.

NOTE: Refer to appropriate wiring diagram when rewiring heater assembly.

- d. Set meter to read Ohms. Apply meter probes to the heater assembly terminals. Meter should read as follows: (Cold Ohms). See *Figure 23*.

Color	Voltage/Hz.	Resistance Reading
Red	240 V 60 Hz.	10.39 \pm .31 Ohms cold
White	208 V 60 Hz.	8.2 \pm .5 Ohms cold

62. CYCLING OR LIMIT THERMOSTAT

- a. While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- b. Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- c. Label and disconnect wires from thermostat. See *Figure 24*.

NOTE: Refer to appropriate model wiring diagram when rewiring thermostat.

Cycling Thermostat (S.P.S.T. – 2 Terminals) or Limit Thermostat

- a. Set meter to read Ohms.
 - (1.) Apply meter probes to the thermostat terminals.
 - (2.) Meter should read “zero.”



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

63. FABRIC SELECTOR SWITCH

- a. Unlock control panel. See *Figure 5A*.
- b. Pull top of control panel away from control cabinet and lift up. See *Figure 5B*.
- c. Remove control panel from control cabinet. See *Figure 5C*.
- d. Disconnect wires from fabric selector switch.

NOTE: Refer to proper model wiring diagram when rewiring switch.

- e. Set test meter to read Ohms and apply meter probes to switch terminals.

NOTE: Refer to proper model wiring diagram when reconnecting wires.

FABRIC SELECTOR SWITCH – 4 Position		
	L1-1	L1-2
Fluff	–	–
Delicate	X	X
Perm. Press	–	X
Normal	–	X
X indicates closed		



WARNING

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- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

64. ACCUMULATOR (Metered Models)

- Unlock control panel. See *Figure 5A*.
- Pull top of control panel away from control cabinet and lift up. See *Figure 5B*.
- Remove control panel from control cabinet. See *Figure 5C*.
- Disconnect all wires to components. See *Figure 3*.
- Remove ground clip holding ground wire to control panel. See *Figure 3*.

NOTE: Refer to appropriate wiring diagram when reconnecting wires.

- Reach in through control panel opening and remove screws holding accumulator and mounting bracket to the control cabinet. See *Figure 13*.
- Pull accumulator out of control cabinet as far as wires will permit.
- Disconnect wires from one side of each switch.

NOTE: Refer to appropriate wiring diagram when rewiring switches.

- Manually advance timing cam to disengage cam from ratchet wheel.
- Set meter to read Ohms and apply leads on terminals of each switch. You should read the following:
 - Switch A – “zero” Ohms (closed)
 - Switch B – “zero” Ohms (closed)
 - Switch C (if present) – “infinite” (open)
- Manually advance timing cam until it engages with ratchet wheel and the first “click” is heard. Switch B should now read “infinite” (open).
- Continue to rotate timing cam until second “click” is heard. Switch B should remain open. Switch A should read “infinite” (open) and Switch C (if present) should read “zero” Ohms (closed).

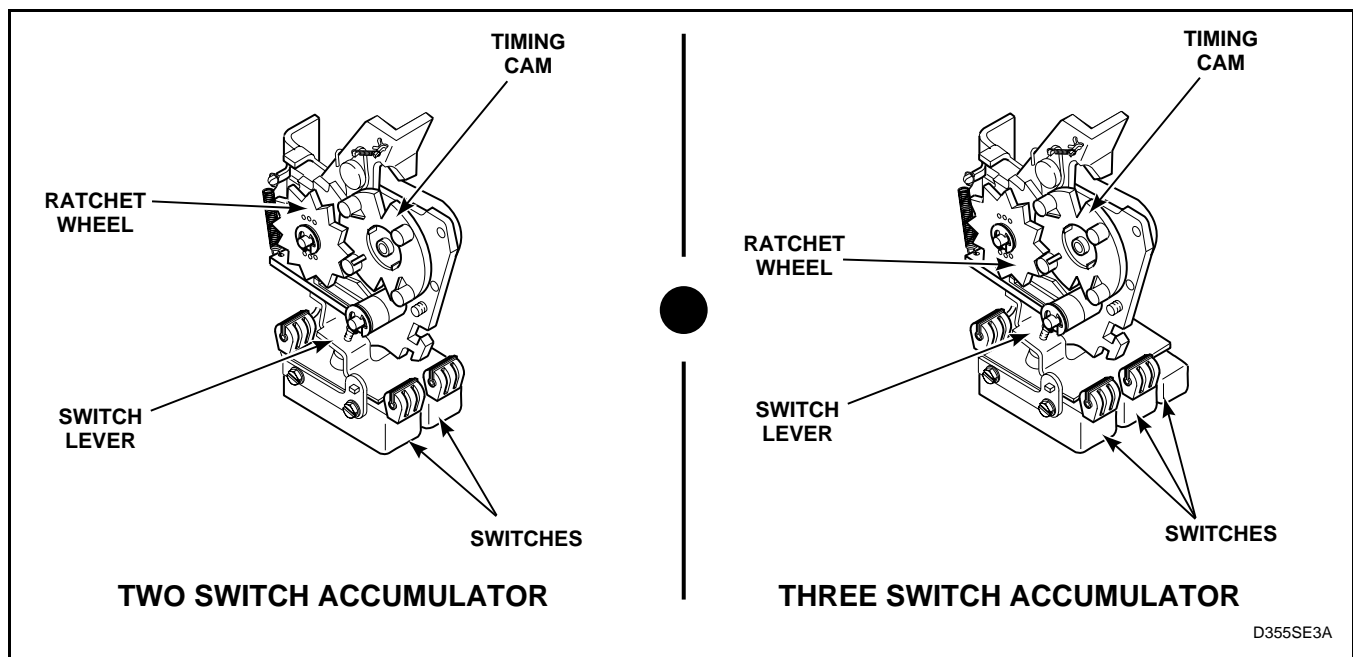


Figure 48



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

65. DOOR SWITCH

- a. While supporting the access panel, remove two screws from bottom edge of access panel. See *Figure 4*.
- b. Gently lower the access panel to disengage locators from bottom edge of front panel. See *Figure 19*.
- c. Disconnect wires from door switch. See *Figure 18*.

NOTE: Refer to appropriate model wiring diagram when rewiring door switch.

- d. Set meter to read Ohms and apply meter probes on switch terminals 1 and 3 with door closed. You should get “zero” reading.
- e. Apply probes to terminals 1 and 2 with door closed. The meter should read “infinite”.
- f. Open door. Meter should read “infinite” between 1 and 3 and “zero” between 1 and 2.

66. PUSH-TO-START SWITCH

- a. Unlock control panel. See *Figure 5A*.
- b. Pull top of control panel away from control cabinet and lift up. See *Figure 5B*.
- c. Remove control panel from control cabinet. See *Figure 5C*.
- d. Disconnect all wires to components. See *Figure 3*.
- e. Remove ground clip holding ground wire to control panel. See *Figure 3*.

NOTE: Refer to appropriate wiring diagram when reconnecting wires.

- f. Unplug dryer from electrical supply and disconnect wires from switch terminals.
- g. Set Volt-Ohm meter on OHMS scale and calibrate at appropriate scale.
- h. Place meter probes on switch terminals. You should see an “infinite” reading on the meter.
- i. With probes attached to switch, press the start switch button. Meter should read “0” Ohms.

Section 8

Internal Wiring of Dryer Motor Switch



WARNING

To reduce the risk of electric shock, fire, explosion, serious injury or death:

- Disconnect electric power to the dryer(s) before servicing.
- Close gas shut-off valve to gas dryer(s) before servicing.
- Never start the dryer(s) with any guards/panels removed.
- Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.

W001R1

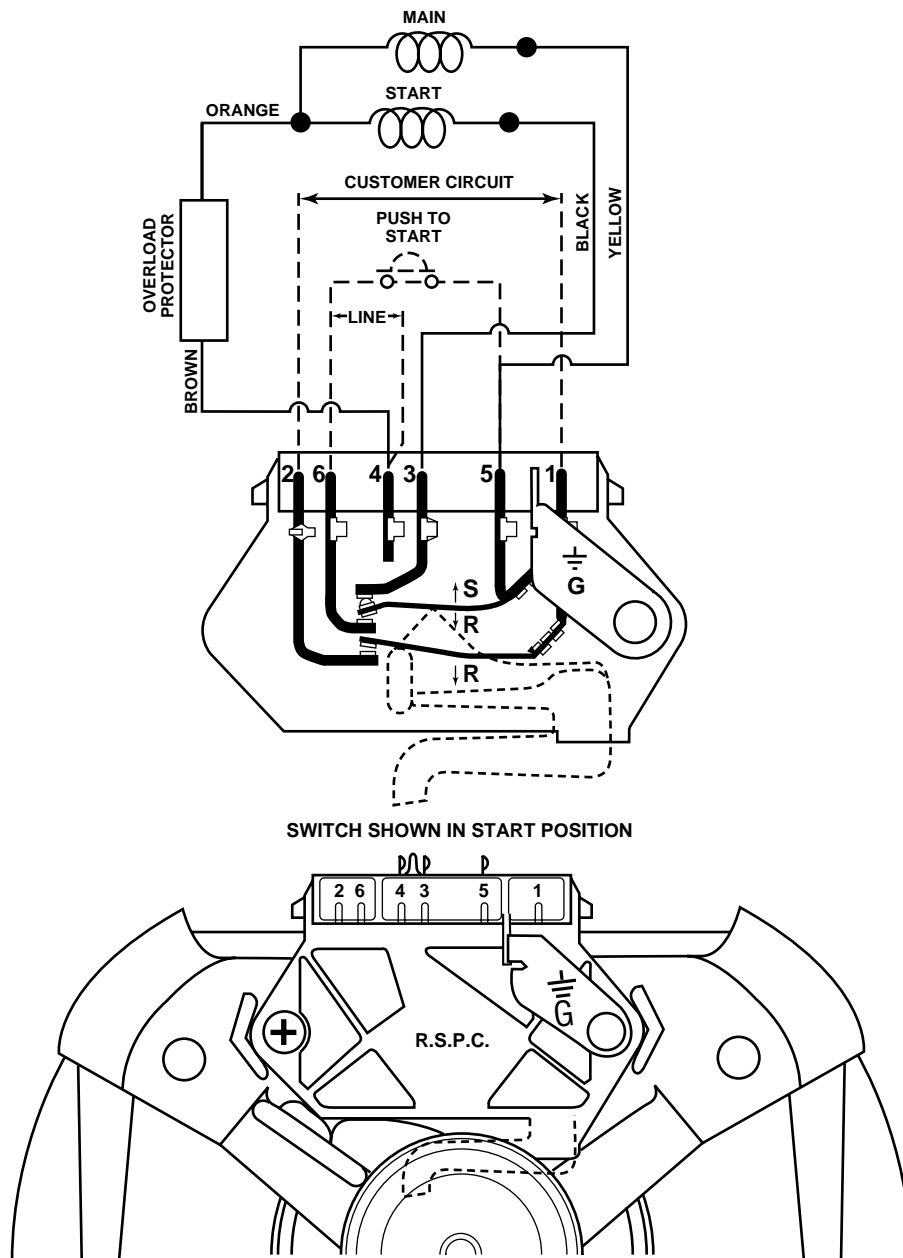


Figure 49

Section 9

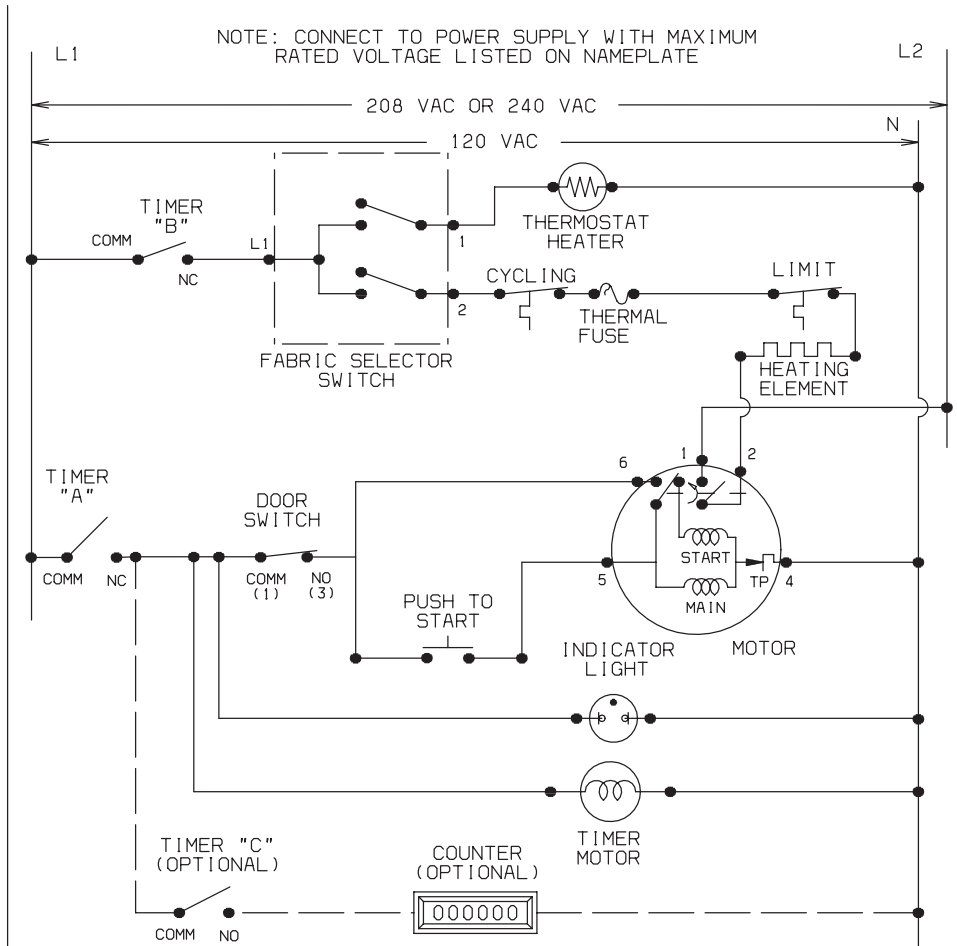
Wiring Diagrams



WARNING

Failure to install, maintain, and/or operate this machine according to the manufacturer's instructions may result in conditions which can produce bodily injury and/or property damage.

W030



WARNING

Failure to install, maintain, and/or operate this machine according to manufacturer's instructions may result in conditions which can produce bodily injury and/or property damage.

THIS MACHINE MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING PATENTS:

UNITED STATES NO: 5,113,562
5,257,448

CANADIAN NO:
OTHER PATENTS PENDING

NOTE: NUMERALS FOLLOWING COLOR MARKINGS, INDICATE WIRE GAUGE.

"CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation."

"Verify proper operation after servicing."

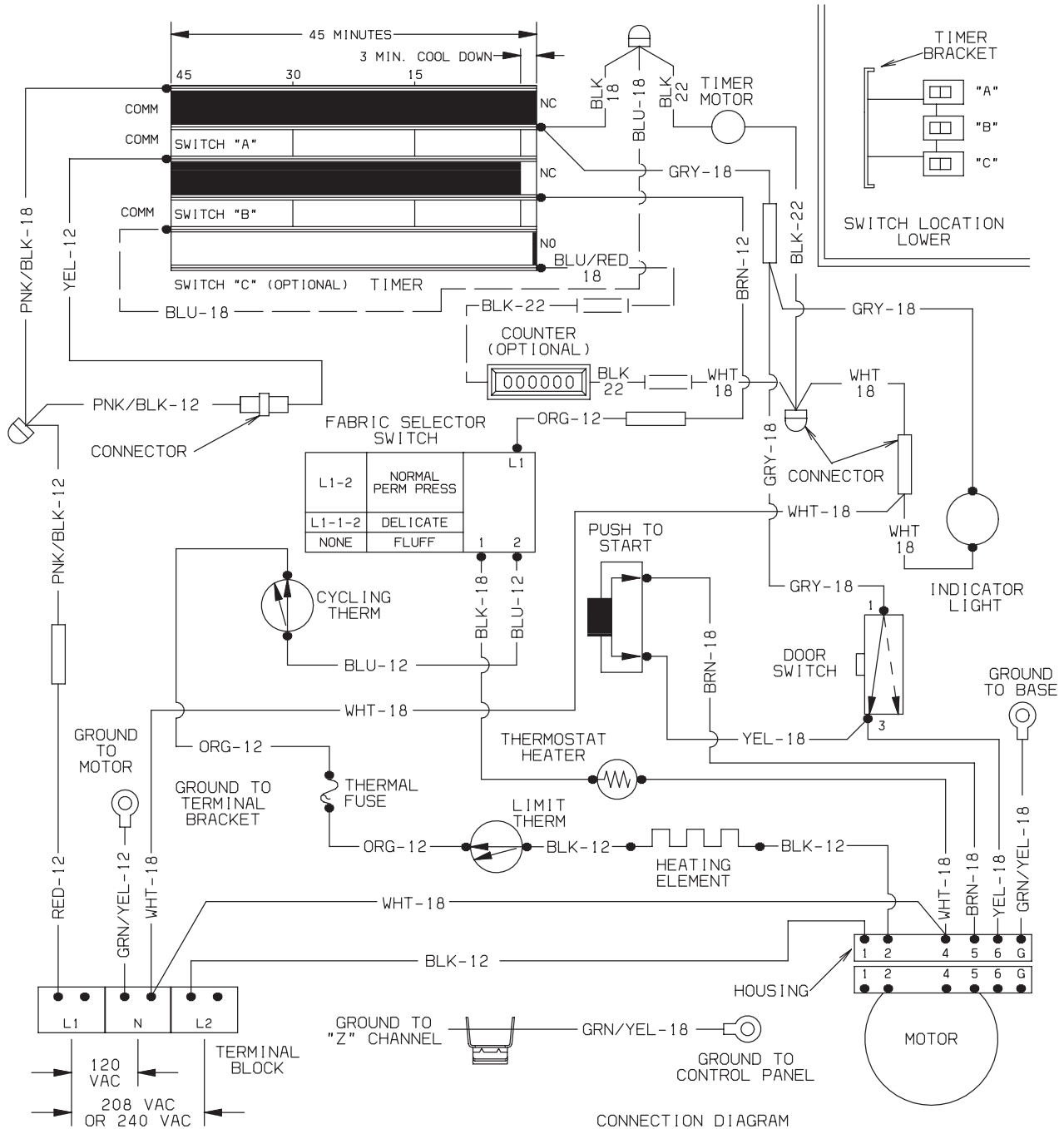
SCHEMATIC
MODEL SFE107*A




WARNING

Failure to install, maintain, and/or operate this machine according to the manufacturer's instructions may result in conditions which can produce bodily injury and/or property damage.

W030



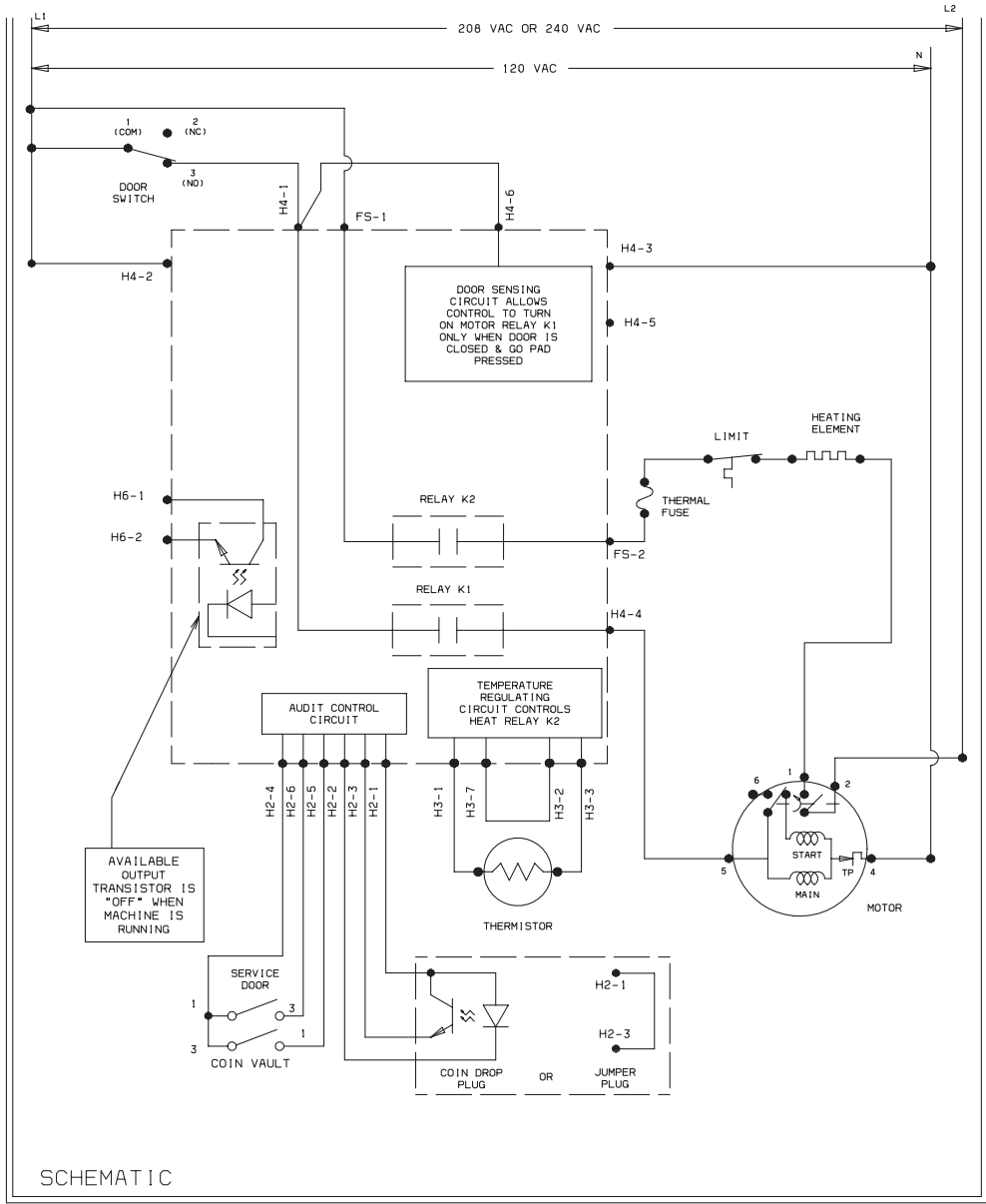
**CONNECTION DIAGRAM
MODEL SFE107*A**



WARNING

Failure to install, maintain, and/or operate this machine according to the manufacturer's instructions may result in conditions which can produce bodily injury and/or property damage.

W030






WARNING

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UNITED STATES NO: 5,113,562
5,257,448

CANADIAN NO:
OTHER PATENTS PENDING



CAUTION

Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper & dangerous operation. Verify proper operation after servicing.

"NUMERALS FOLLOWING COLOR MARKINGS INDICATE WIRE GAUGE"

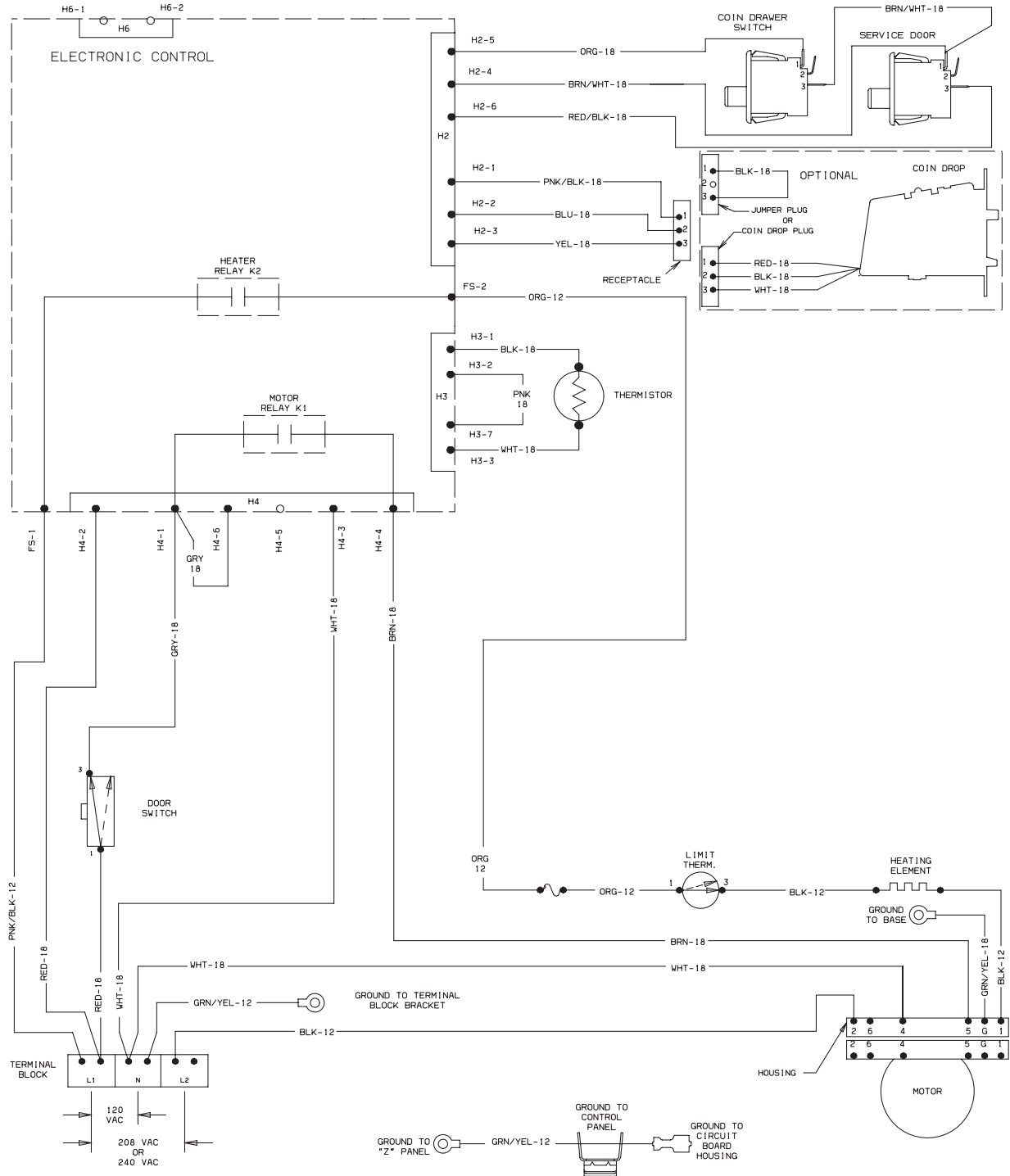
SCHEMATIC
MODEL SFE507*A



WARNING

Failure to install, maintain, and/or operate this machine according to the manufacturer's instructions may result in conditions which can produce bodily injury and/or property damage.

W030



CONNECTION DIAGRAM

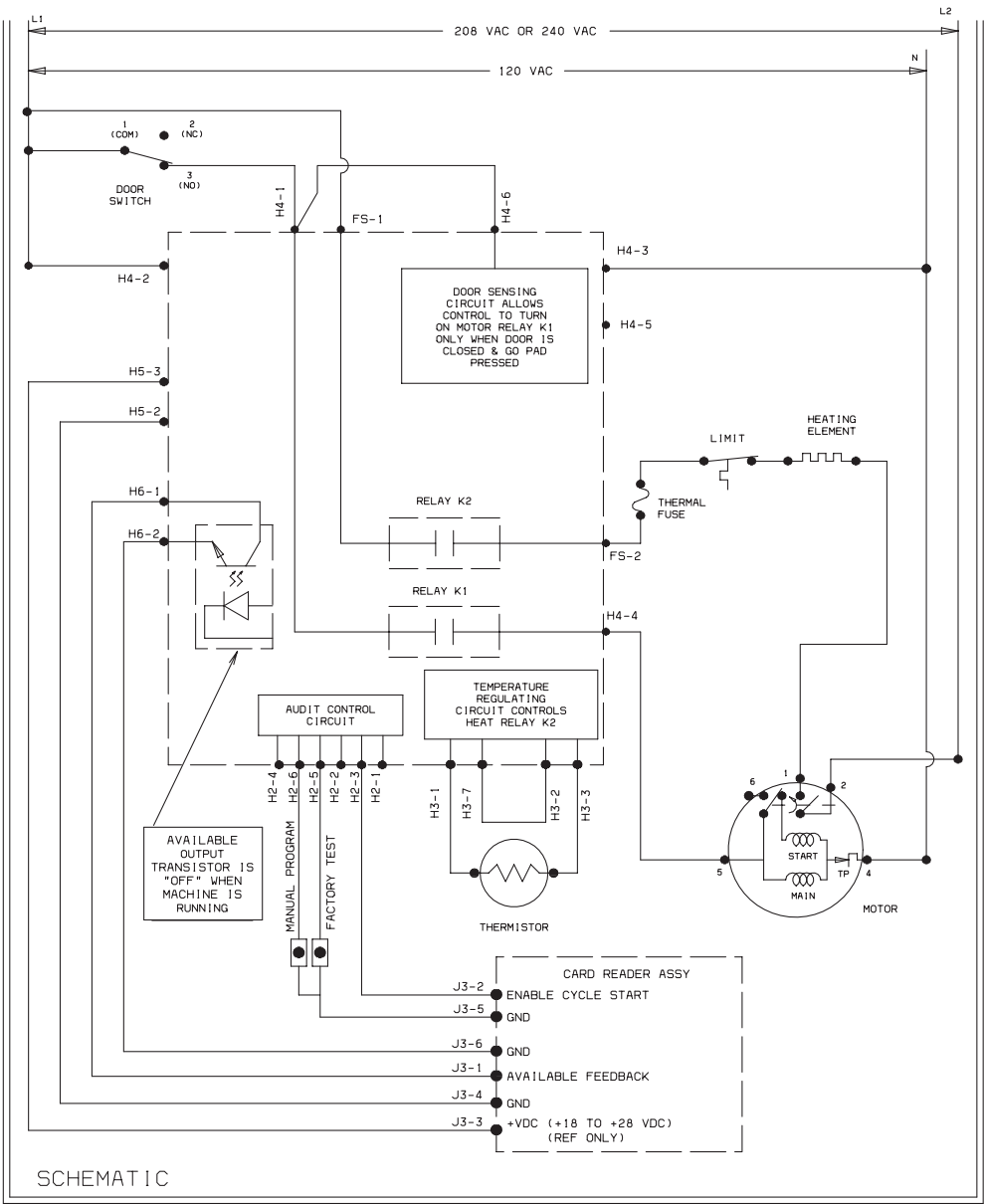
CONNECTION DIAGRAM
MODEL SFE507*A



WARNING

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W030



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UNITED STATES NO: 5,113,562
5,257,448
CANADIAN NO:
OTHER PATENTS PENDING

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NUMERALS FOLLOWING COLOR MARKINGS INDICATE WIRE GAUGE

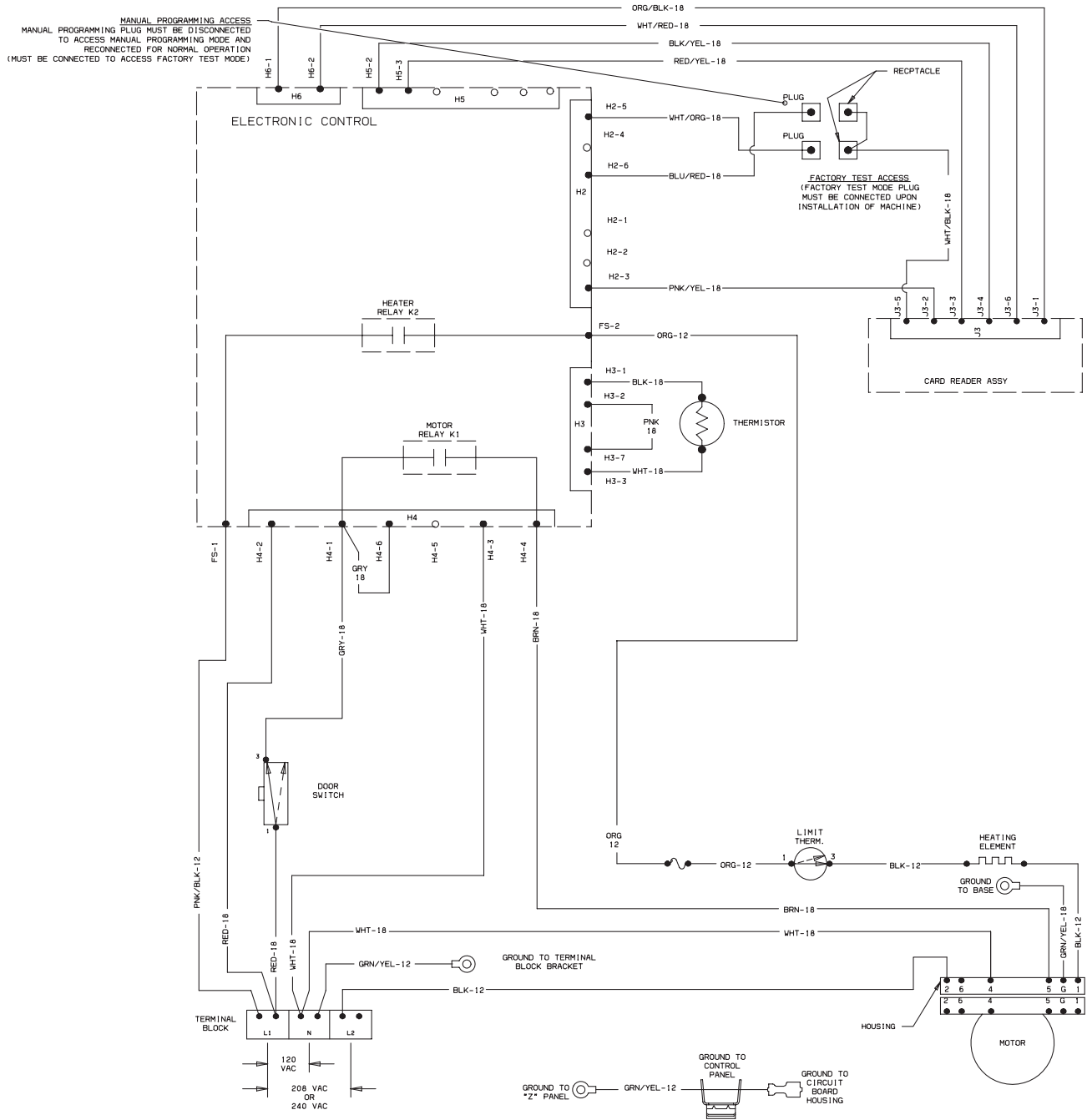
SCHEMATIC
MODEL SFE707*A



WARNING

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W030

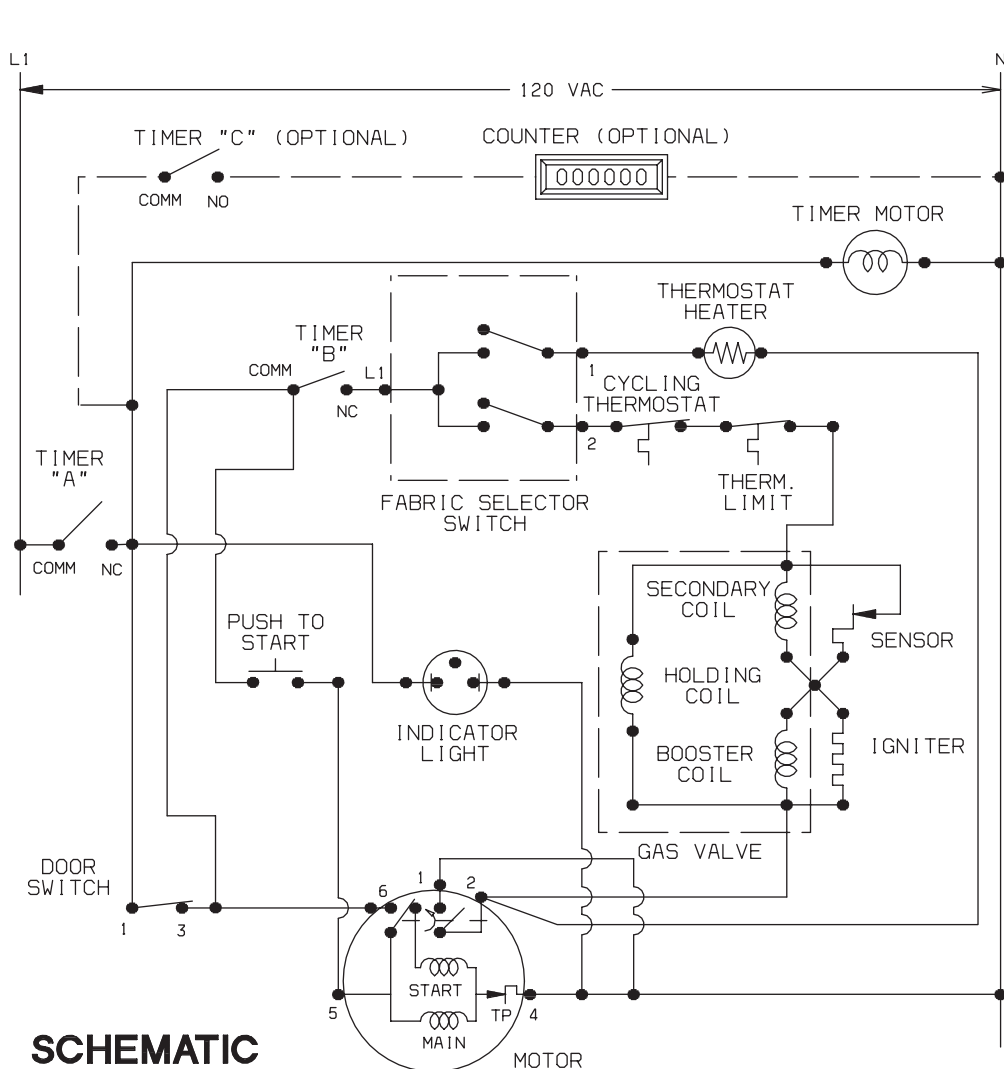


CONNECTION DIAGRAM

**CONNECTION DIAGRAM
MODEL SFE707*A**

Failure to install, maintain, and/or operate this machine according to the manufacturer's instructions may result in conditions which can produce bodily injury and/or property damage.

W030



WARNING

THIS MACHINE MANUFACTURED
UNDER ONE OR MORE OF THE
FOLLOWING PATENTS:

CANADIAN NO:
OTHER PATENTS PENDING

"CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation."

"Verify proper operation after servicing."

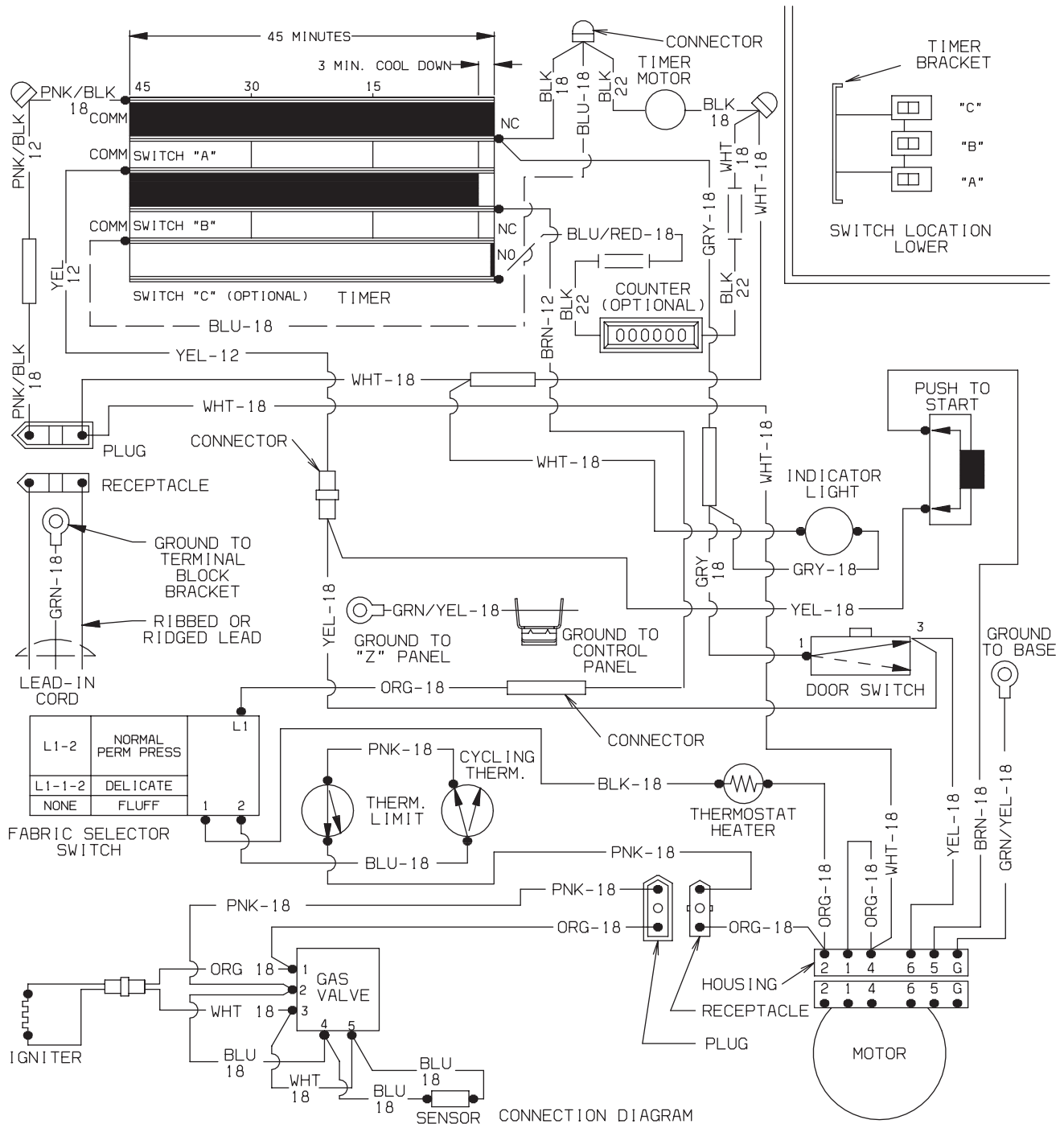
505679



WARNING

Failure to install, maintain, and/or operate this machine according to the manufacturer's instructions may result in conditions which can produce bodily injury and/or property damage.

W030



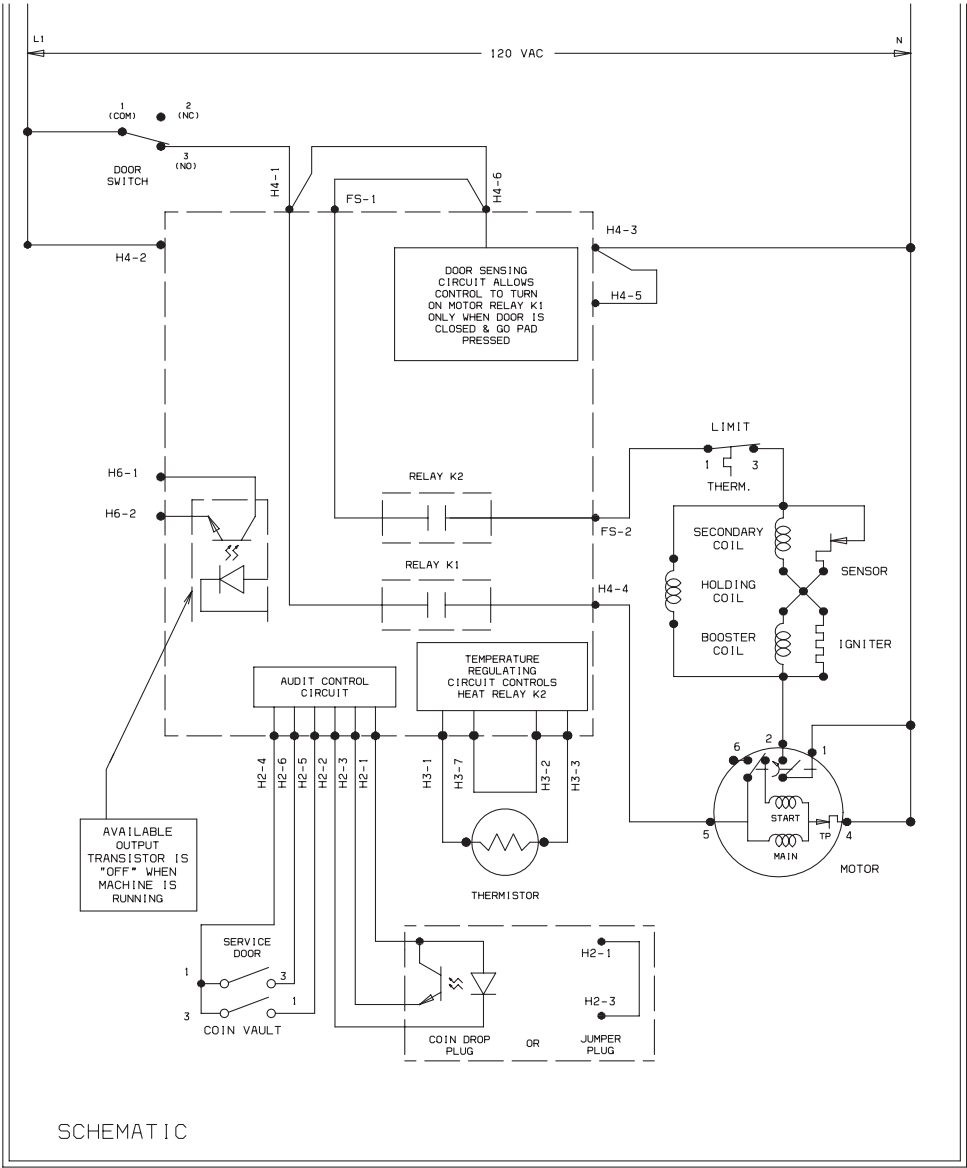
**CONNECTION DIAGRAM
MODEL SFG109*A**



WARNING

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W030



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FOLLOWING PATENTS:
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5,257,448

CANADIAN NO:
OTHER PATENTS PENDING

CAUTION

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NUMERALS FOLLOWING COLOR MARKINGS INDICATE WIRE GAUGE

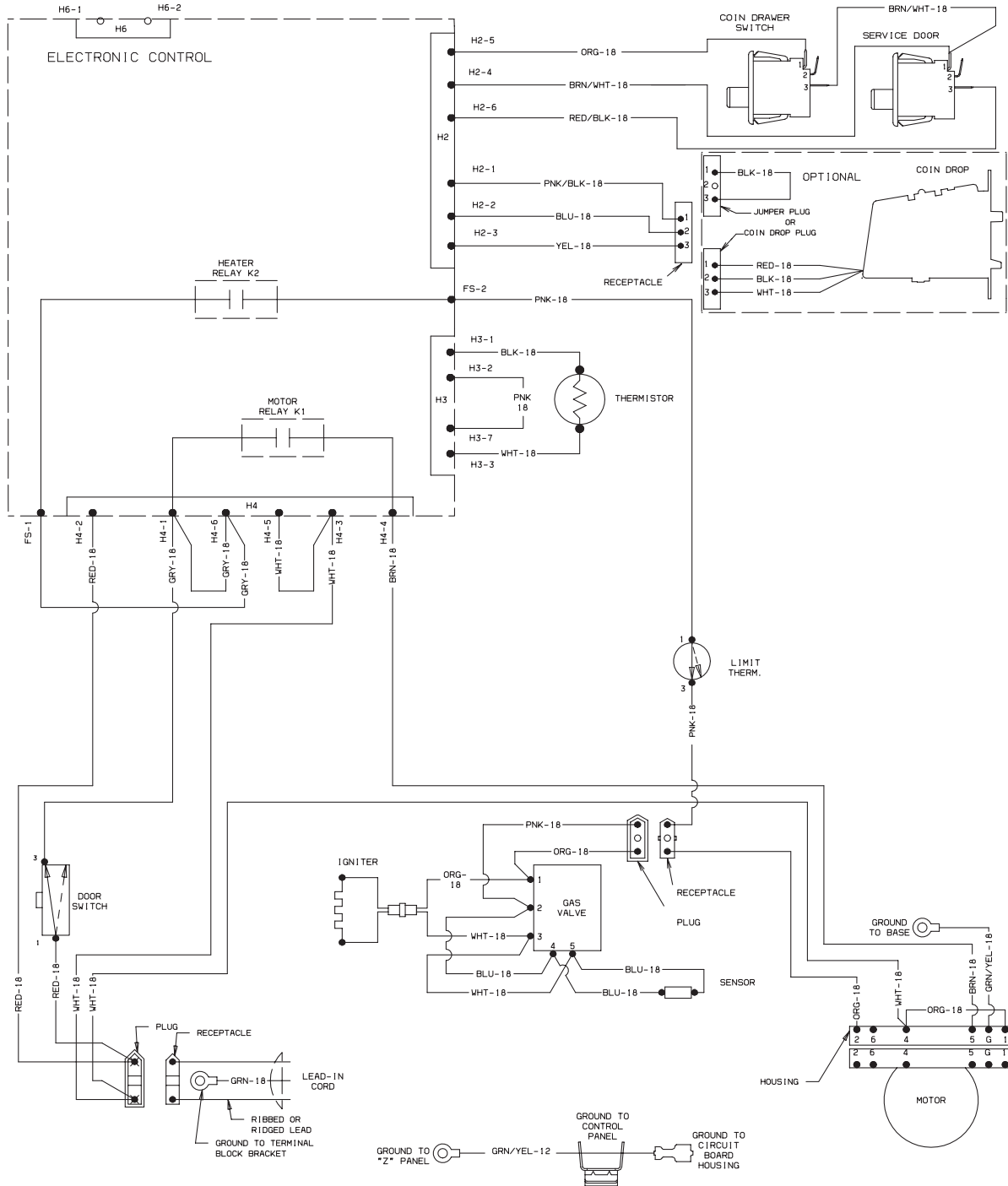
SCHEMATIC
MODEL SFG509*A



WARNING

Failure to install, maintain, and/or operate this machine according to the manufacturer's instructions may result in conditions which can produce bodily injury and/or property damage.

W030



CONNECTION DIAGRAM

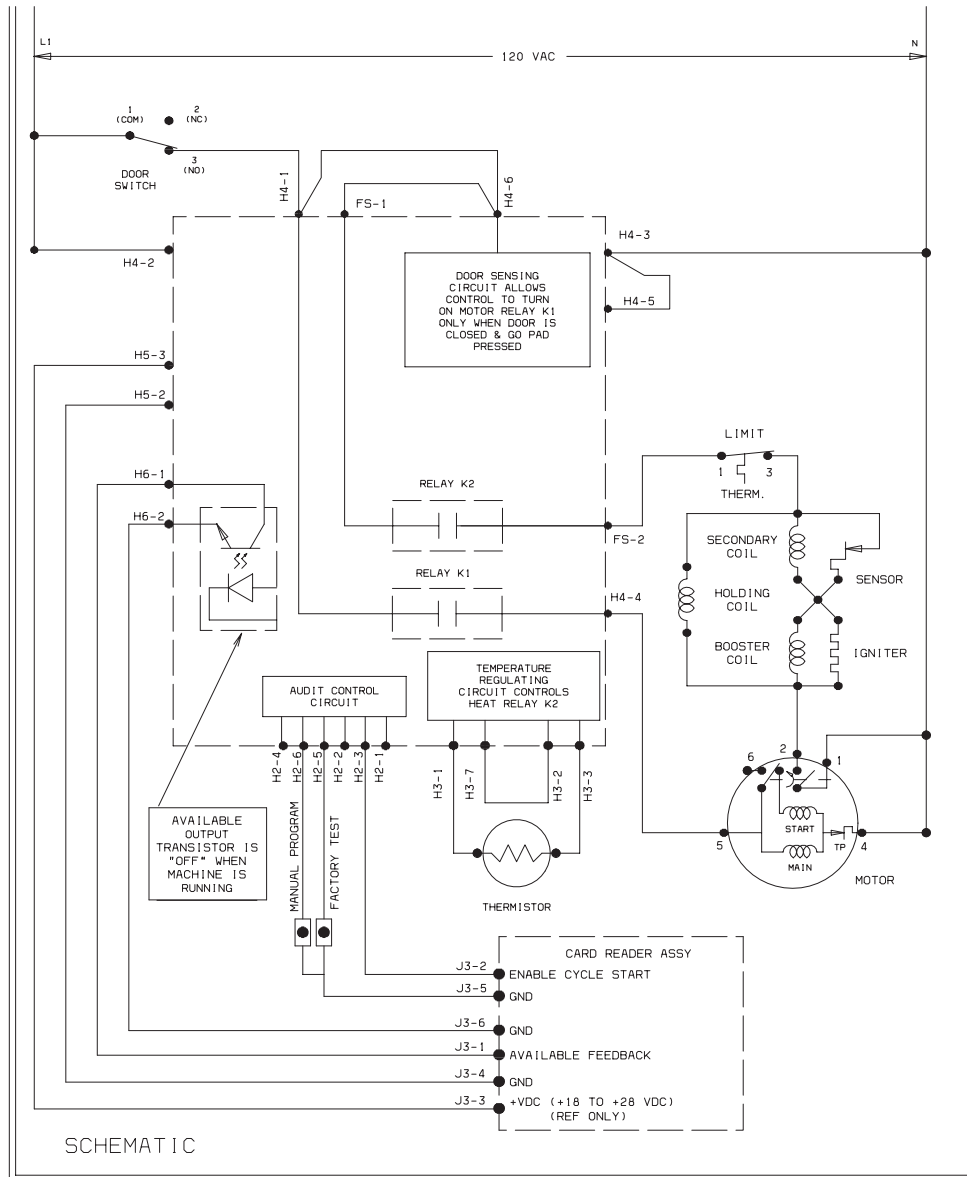
CONNECTION DIAGRAM
MODEL SFG509*A



WARNING

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W030



WARNING

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5,257,448
CANADIAN NO:
OTHER PATENTS PENDING



CAUTION

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NUMERALS FOLLOWING COLOR MARKINGS INDICATE WIRE GAUGE

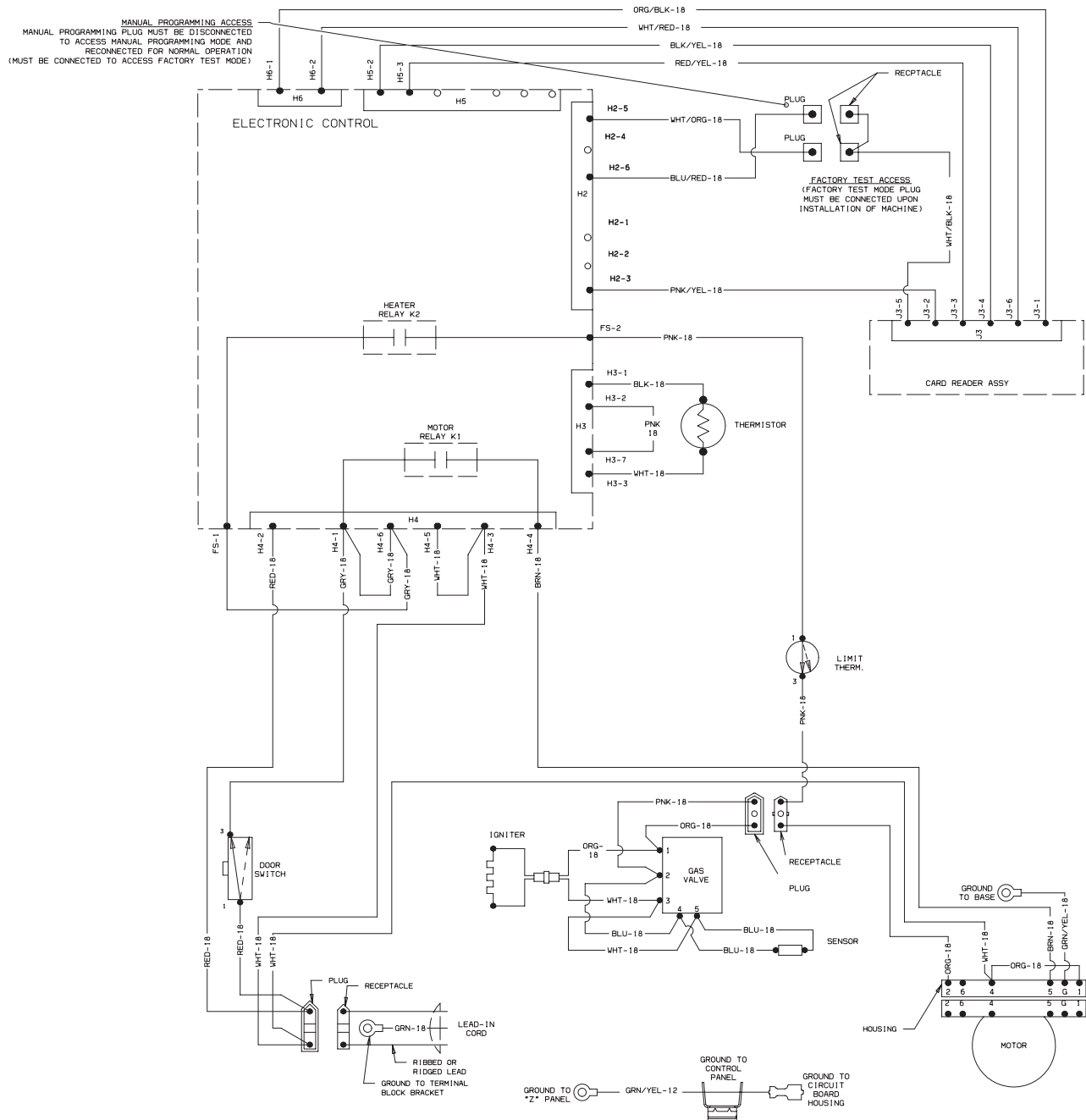
SCHEMATIC MODELS SFG709*A



WARNING

Failure to install, maintain, and/or operate this machine according to the manufacturer's instructions may result in conditions which can produce bodily injury and/or property damage.

W030



CONNECTION DIAGRAM

**CONNECTION DIAGRAM
MODELS SFG709*A**