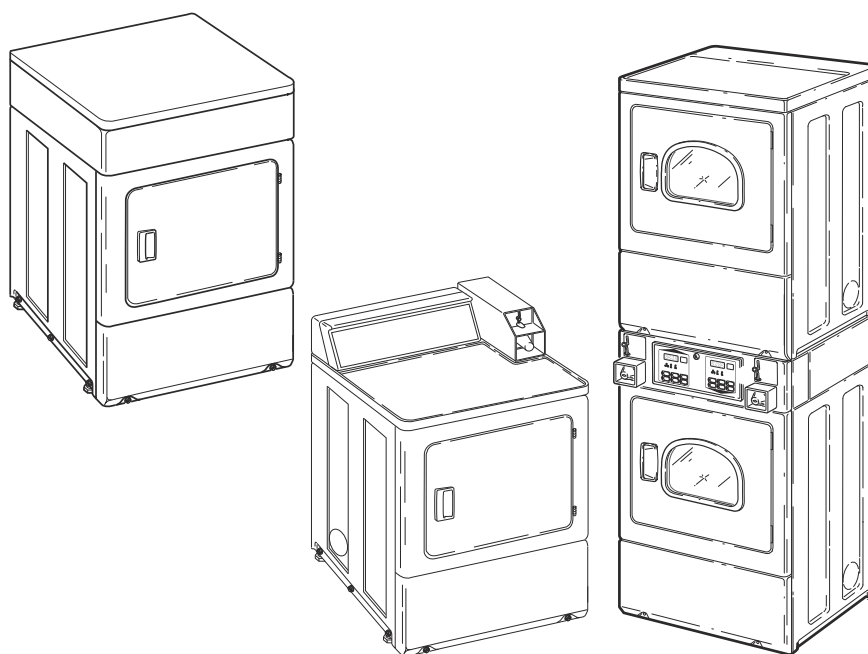


# Single and Stacked Dryers

Refer to Page 6 for Model Numbers



DRY716C

— Troubleshooting —



# Table of Contents

<b>Section 1 – Safety Information .....</b>	<b>3</b>
Locating an Authorized Servicer .....	4
<b>Section 2 – Introduction .....</b>	<b>5</b>
Customer Service.....	5
Nameplate Location.....	5
Model Identification .....	6
How Your Dryer Works .....	9
<b>Section 3 – Dryer Troubleshooting .....</b>	<b>10</b>
1. Dryer Motor Does Not Run .....	10
2. Dryer Stops In Cycle; Quits After The First Few Loads; Has A Burning Smell; Cycles On Motor Thermal Protector .....	12
3. Dryer Motor Runs But Cylinder Does Not Turn .....	13
4. Dryer Motor Does Not Stop.....	14
5. Dryer Runs Only When Door is Open.....	15
6. Dryer Heating Assembly Does Not Heat or Burner Does Not Ignite .....	16
7. Igniter Does Not Glow (Gas Supply Sufficient) – Gas Dryer Models .....	18
8. Burner Ignites and Goes Out Repeatedly – Gas Dryer Models .....	19
9. Igniter Glows But Burner Does Not Ignite – Gas Dryer Models .....	20
10. Dryer Heater Assembly Or Burner Shuts Off Prematurely .....	21
11. Dryer Heater Assembly or Burner Repeatedly Cycles Off On Limit Thermostat .....	22
12. Dryer Heater Assembly or Burner Does Not Shut Off .....	24
13. Clothes Do Not Dry in Dryer.....	25
14. Clothes Are Too Hot When Removed From Dryer .....	26
15. Excessive Chattering Or Vibrating Noise in Dryer .....	27
16. Excessive Humming Or Whistling Noise in Dryer.....	28
<b>Section 4 – Electronic Control Troubleshooting.....</b>	<b>29</b>
17. Error Codes .....	29
18. Coins Ignored When Entered.....	30
19. No IR Communication.....	31
20. No Display .....	32
21. Door Open.....	34
22. Motor Will Not Start .....	36
23. No Heat (Electric) .....	38
24. No Heat (Gas) .....	40
<b>Section 5 – Coin Drop Troubleshooting.....</b>	<b>42</b>
25. Troubleshooting Coin Drop .....	42
<b>Section 6 – Adjustments .....</b>	<b>47</b>
26. Leveling Legs.....	47
27. Burner Flame (Gas Models).....	48
28. Cleaning Non-Electronic Coin Drop.....	50
29. Cleaning Electronic Coin Drop.....	52

© Copyright 2010, Alliance Laundry Systems LLC

All rights reserved. No part of the contents of this book may be reproduced or transmitted in any form or by any means without the expressed written consent of the publisher.

<b>Section 7 – Test Procedures .....</b>	<b>55</b>
30. Timer Contacts .....	55
31. Fabric Selector Switch .....	56
32. Drive Motor.....	57
33. Accumulator (Metered Models).....	60
34. Motor Switch.....	61
35. Burner System Operation (Gas Models).....	63
36. Electrical Circuit To Ignition System (Gas Models) .....	65
37. Gas Valve Coils Check (Gas Models) .....	65
38. Sensor Check (Gas Models).....	66
39. Igniter Check (Gas Models).....	66
40. Ignition Control Grounding Check (Silicon Nitride Ignition) ....	66
41. Thermal Fuse (Electric Models) .....	66
42. Heater Assembly (Electric Models).....	67
43. Cycling or Limit Thermostat.....	67
44. Door Switch .....	67
45. Thermistor .....	68
<b>Section 8 – Internal Wiring of Dryer Motor Switch.....</b>	<b>69</b>

# 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 an imminently hazardous situation that, if not avoided, will cause severe personal injury or death.

### **WARNING**

Warning indicates a hazardous situation that, if not avoided, could cause severe personal injury or death.

### **CAUTION**

Caution indicates a hazardous situation that, if not avoided, may cause minor or moderate personal injury or property damage.

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.

	<b>WARNING</b>
<ul style="list-style-type: none"><li>• <b>Failure to install, maintain, and/or operate this machine according to the manufacturer’s instructions may result in conditions which can produce serious injury, death and/or property damage.</b></li><li>• <b>Do not repair or replace any part of the machine or attempt any servicing unless specifically recommended or published in this Service Manual and that you understand and have the skills to carry out.</b></li><li>• <b>Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the machine is properly grounded and to reduce the risk of fire, electric shock, serious injury, or death.</b></li></ul>	
W284	



## 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



## WARNING

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.

W007



## WARNING

If you or an unqualified person perform service on your machine, 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.

W286

**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 machine.

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

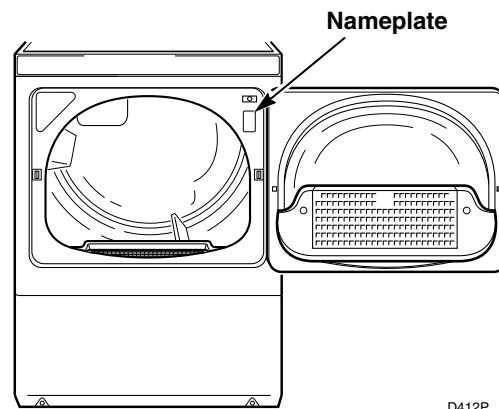
### Customer Service

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 the nameplate. The nameplate is in one of the four corners of the door well. The door well is the shaded area shown.



## Introduction

## Model Identification

Information in this manual is applicable to these dryers.

Model Number	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Central Pay	Electric Heat	Gas Heat
BD3LLFGS401UW01				X	X	
BD3LLFSS401UN01				X	X	
BD3LXFGS401UW01	X				X	
BD3LXFSS401UN01	X				X	
BDGLLFGS301EW01				X		X
BDGLLFSS301EN01				X		X
BDGLXFGS301EW01	X					X
BDGLXFSS301EN01	X					X
HDELEFGS151CW01		X			X	
HDELEFGS151CWNA		X			X	
HDELEFGS171CQ01		X			X	
HDELEFGS171CW01		X			X	
HDELERGS151CW01		X			X	
HDELERGS151CWNA		X			X	
HDELERGS171CW01		X			X	
HDELXFGS151CW01	X				X	
HDELXFGS171CW01	X				X	
HDELXRGS151CW01	X				X	
HDELXRGS171CW01	X				X	
HDELYFGS151CW01			X		X	
HDELYFGS171CW01			X		X	
HDELYRGS151CW01			X		X	
HDELYRGS151CWNA			X		X	
HDELYRGS171CW01			X		X	
HDGLEFGS111CW01		X				X
HDGLERGS111CW01		X				X
HDGLERGS111CWNA		X				X
HDGLXFGS111CW01	X					X
HDGLXFGS111CWNA	X					X
HDGLXRGS111CW01	X					X
HDGLYFGS111CW01			X			X
HDGLYFGS111CWNA			X			X
HDGLYRGS111CW01			X			X
HSELXFGW281CW01	X				X	

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



<b>Model Number</b>	<b>Coin Drop Ready</b>	<b>Coin Drop Installed</b>	<b>Card Reader Ready</b>	<b>Central Pay</b>	<b>Electric Heat</b>	<b>Gas Heat</b>
HSELXFGW291CW01	X				X	
HSELYFGW281CW01			X		X	
HSELYFGW291CW01			X		X	
HSGLXFGW091CW01	X					X
HSGLYFGW091CW01			X			X
NDELXFGS301UW01	X				X	
NDGLXFGS301EW01	X					X
RDELYFGS151CW01			X		X	
RDELYFGS171CW01			X		X	
RDGLYFGS111CW01			X			X
SDELCFGS171TW01		X			X	
SDELCFSW171TN01		X			X	
SDELCRGS151TW01		X			X	
SDELCRGS171TW01		X			X	
SDELCRGS171TW02		X			X	
SDELCRGS171TWNA		X			X	
SDELXRGs171TW01	X				X	
SDELXRGs171TW02	X				X	
SDELYFGS171TW01			X		X	
SDELYFSW171TN01			X		X	
SDELYRGs151TW01			X		X	
SDELYRGs171TW01			X		X	
SDGLCFGS111TW01		X				X
SDGLCFSW111TN01		X				X
SDGLCRGS111TW01		X				X
SDGLCRGS111TW02		X				X
SDGLCRGS111TWNA		X				X
SDGLXRGs111TW01	X					X
SDGLXRGs111TW02	X					X
SDGLYFGS111TW01			X			X
SDGLYFGS111TWNA			X			X
SDGLYFSW111TN01			X			X
SDGLYRGs111TW01			X			X
SDGLYRGs111TWNA			X			X
SSELCFGS151TW01		X			X	
SSELCFGS171TW01		X			X	
SSELCFGW151TW01		X			X	

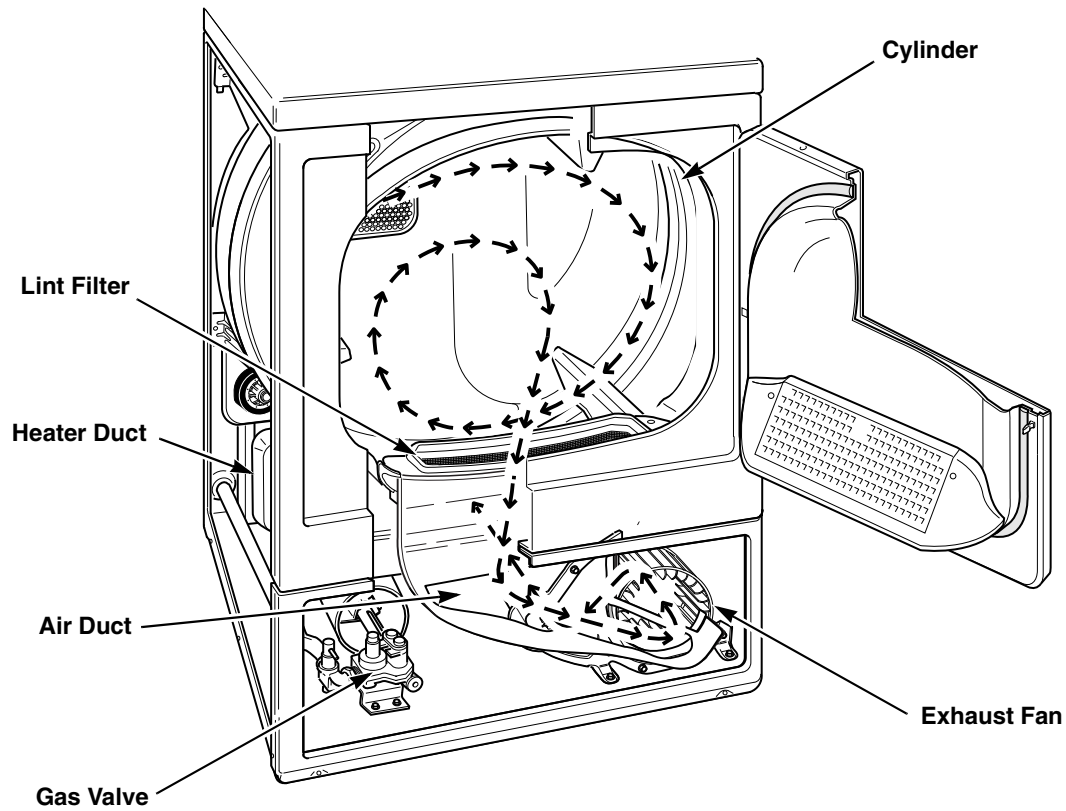
\* Add Letter To Designate Color. L – Almond W – White Q – Bisque

## Introduction

Model Number	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Central Pay	Electric Heat	Gas Heat
SSELCFGW171TW01		X			X	
SSELXFGW171TW01	X				X	
SSELYFGS171TW01			X		X	
SSELYFGW171TW01			X		X	
SSELYFGW171TWNA			X		X	
SSGLCFG111TW01		X				X
SSGLCFG111TWNA		X				X
SSGLCFGW111TW01		X				X
SSGLCFGW111TWNA		X				X
SSGLXFGW111TW01	X					X
SSGLYFGS111TW01			X			X
SSGLYFGS111TWNA			X			X
SSGLYFGW111TW01			X			X
SSGLYFGW111TWNA			X			X

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

## How Your Dryer Works



DRY1819S

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

## Dryer Troubleshooting



### WARNING

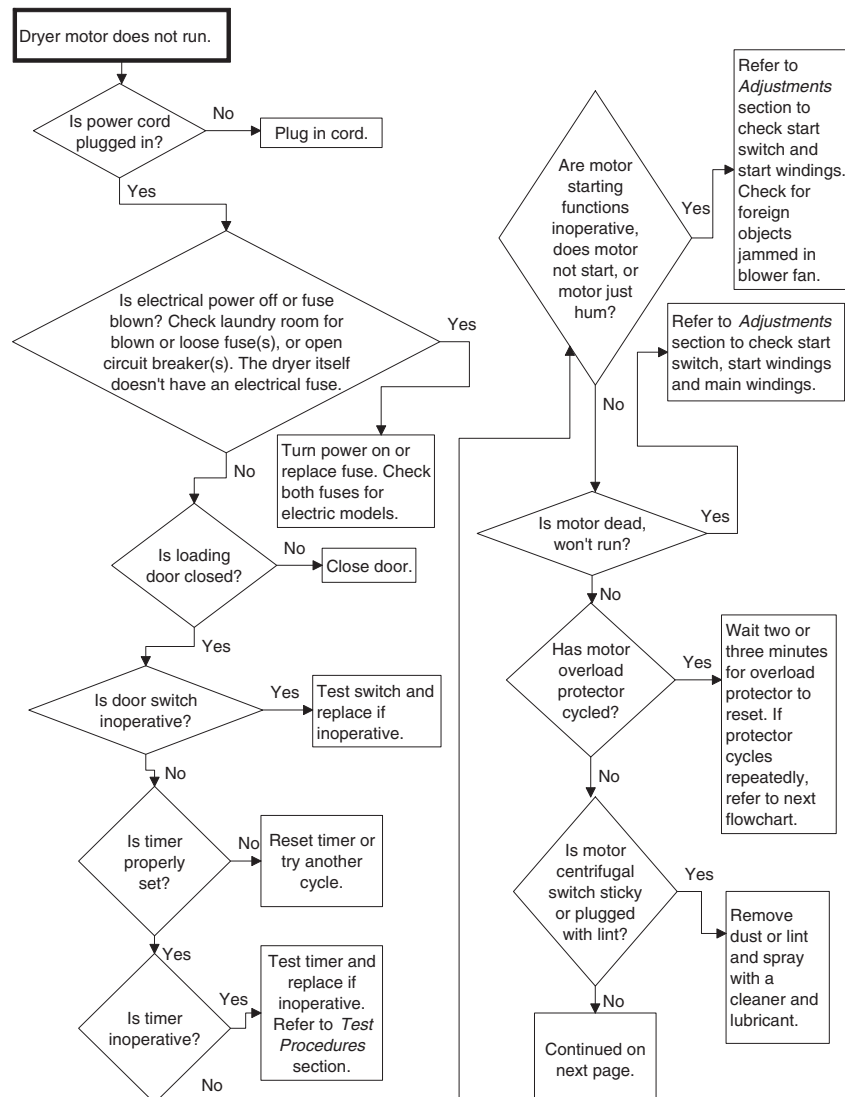
To reduce the risk of electric shock, fire, explosion, serious injury or death:

- 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

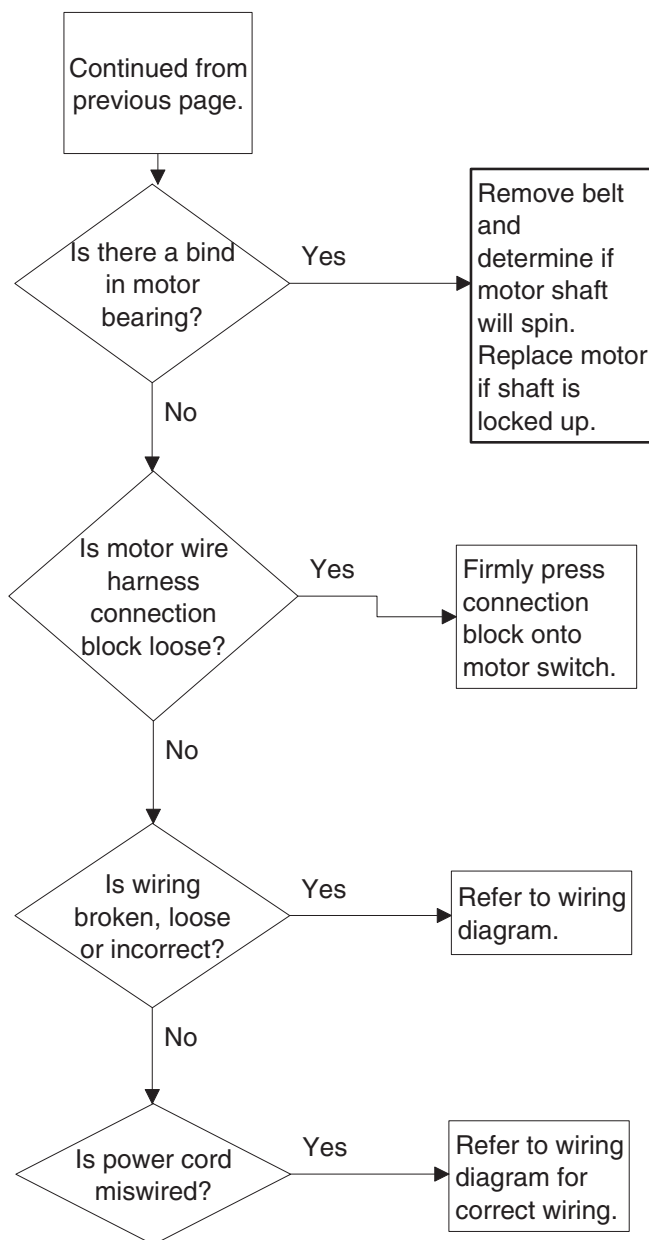
**IMPORTANT:** Refer to wiring diagram for aid in testing dryer components.

### 1. Dryer Motor Does Not Run



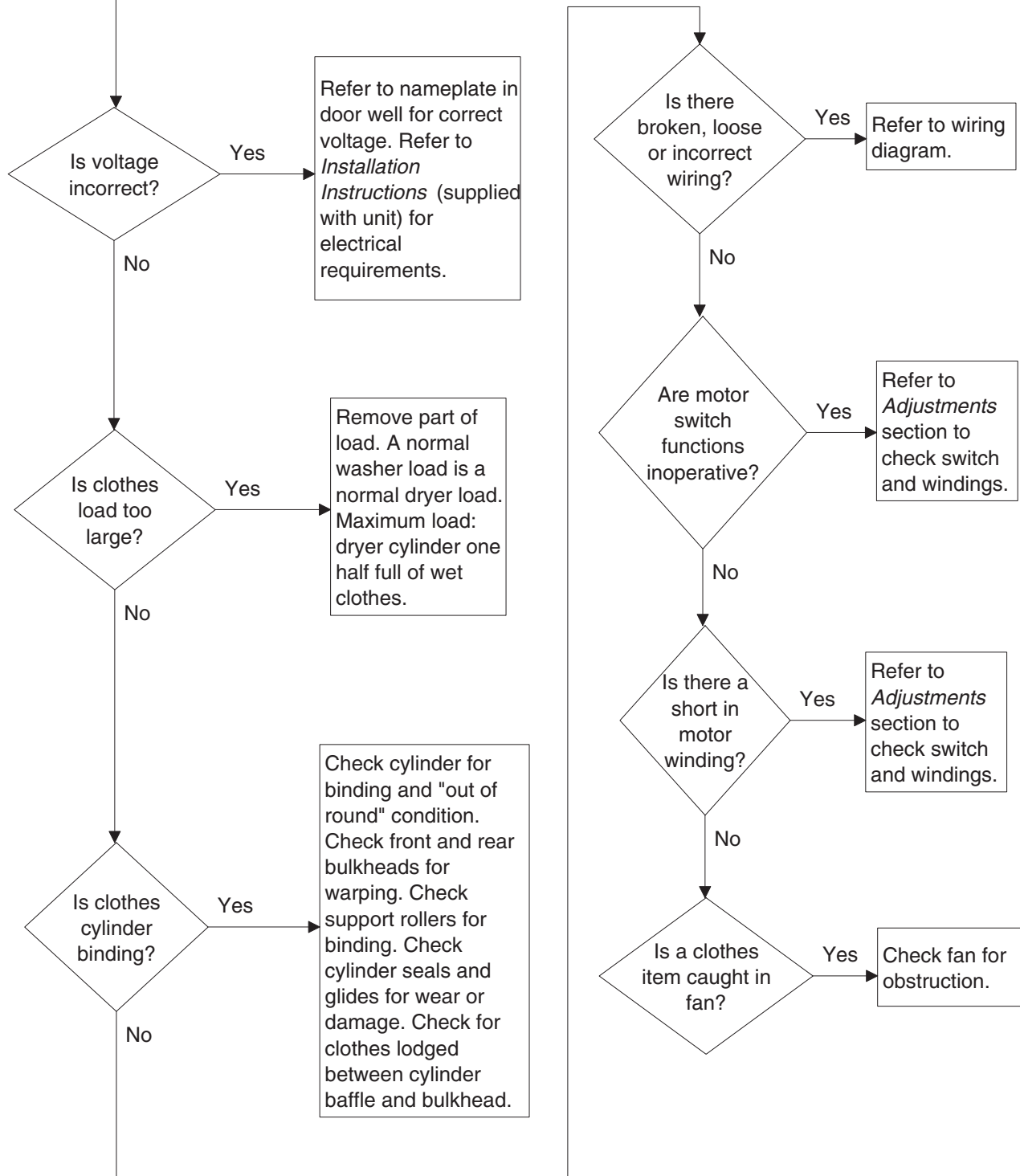
DRY1845Sa

# 1. Dryer Motor Does Not Run (continued)



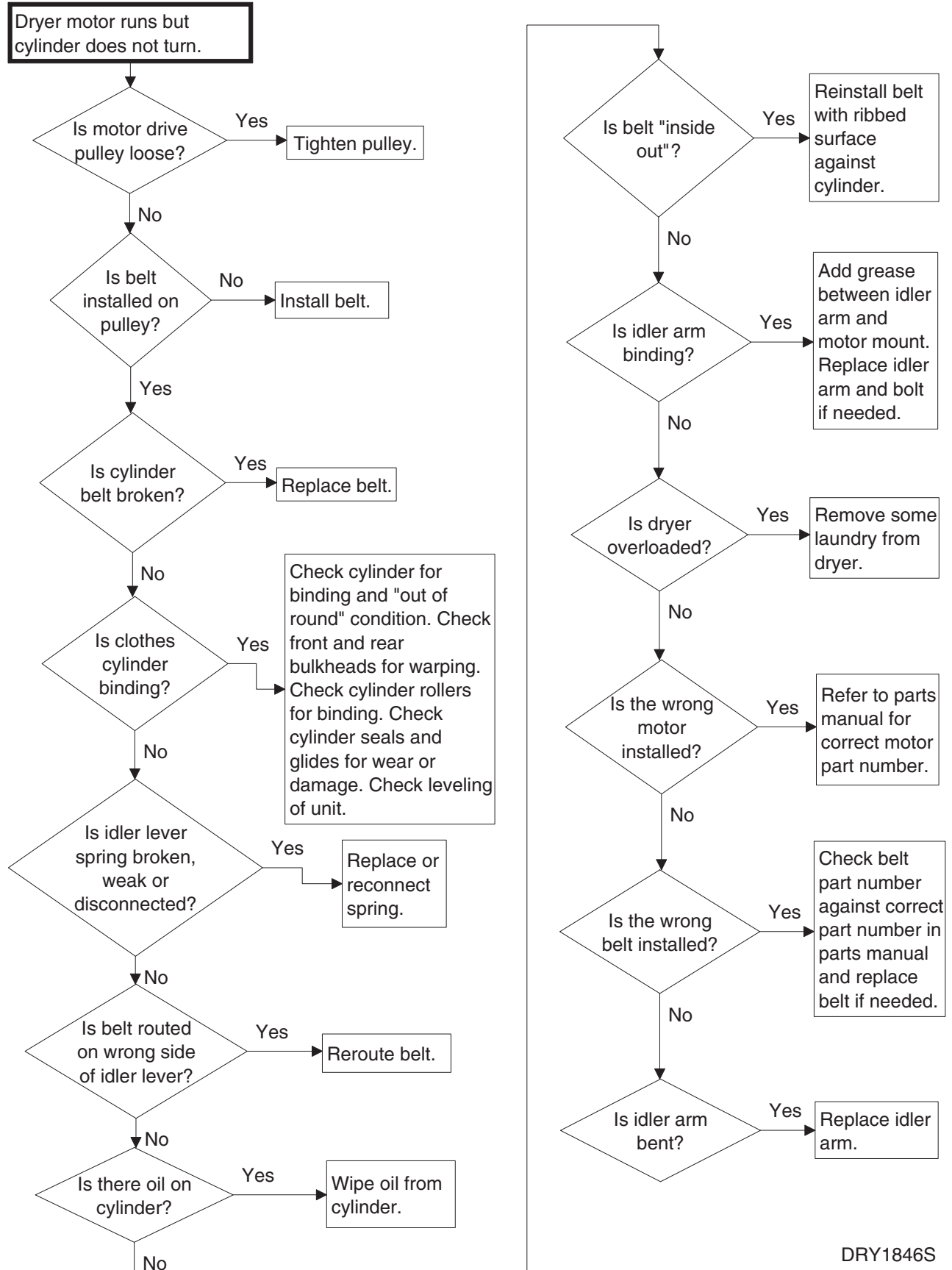
## 2. Dryer Stops In Cycle; Quits After The First Few Loads; Has A Burning Smell; Cycles On Motor Thermal Protector

Dryer stops in cycle, quits after first few loads, has burning smell or cycles on motor thermal protector.

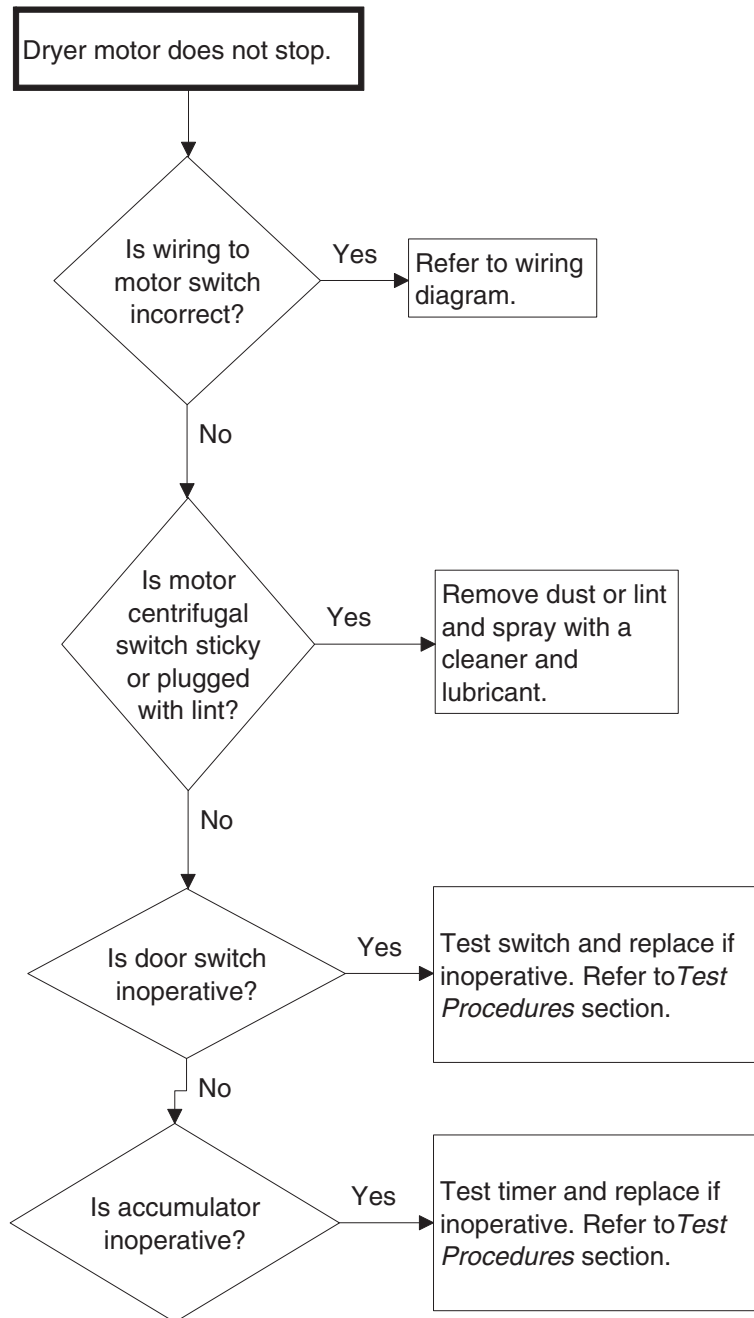


SWD1690S

### 3. Dryer Motor Runs But Cylinder Does Not Turn



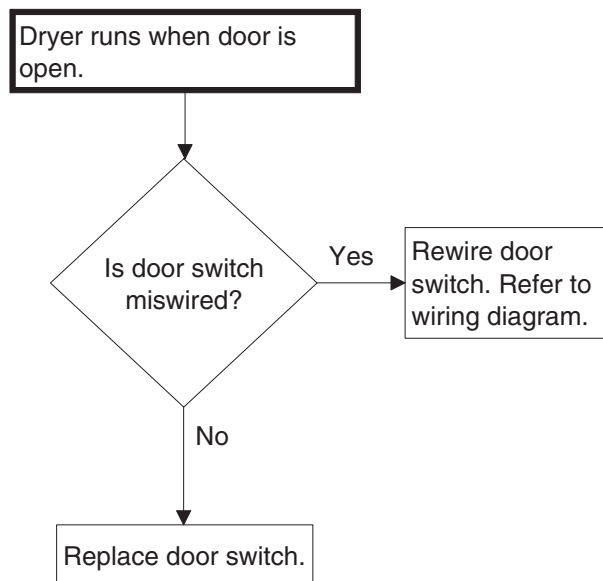
## 4. Dryer Motor Does Not Stop



DRY1847S



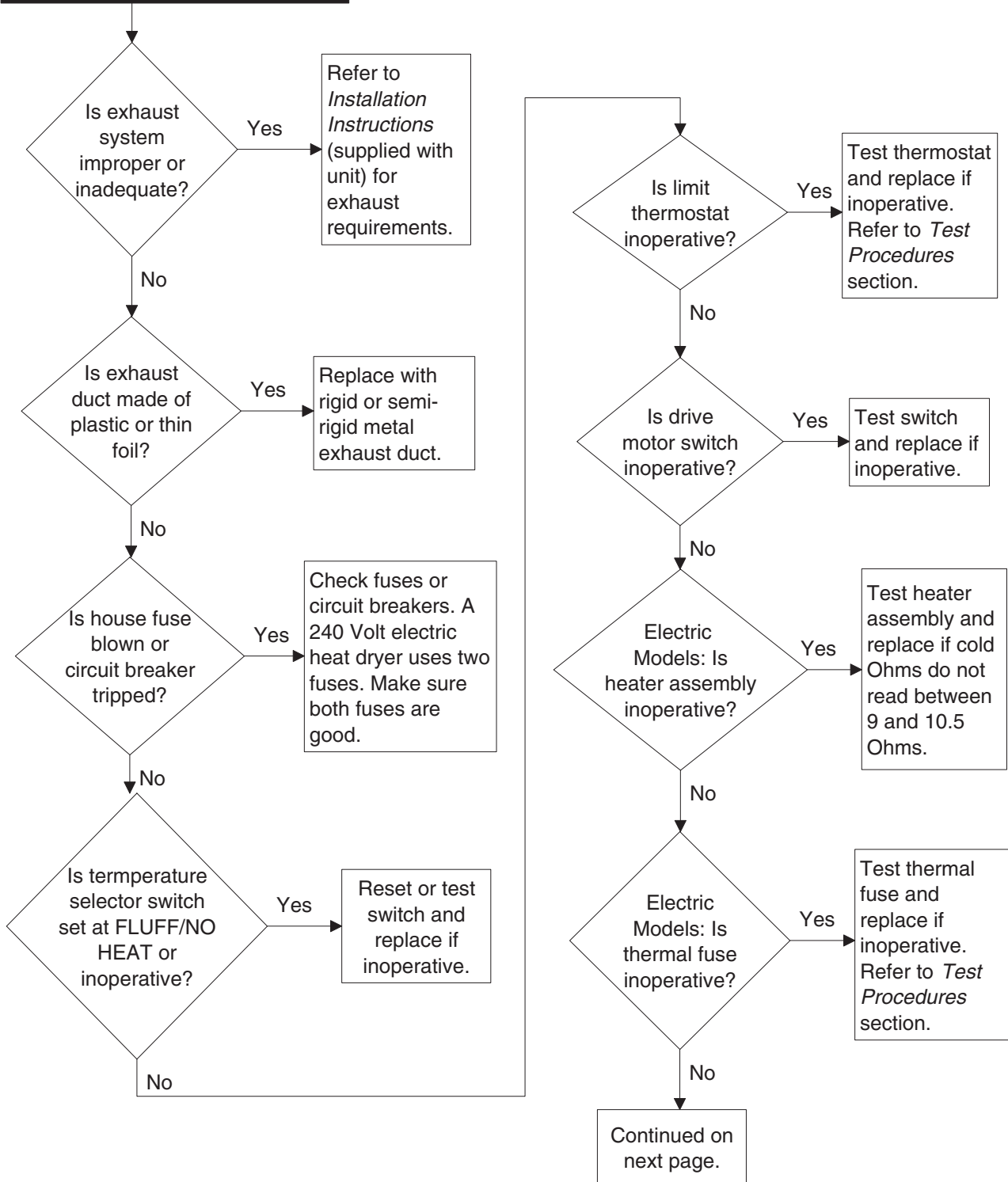
## 5. Dryer Runs Only When Door is Open



DRY1856S

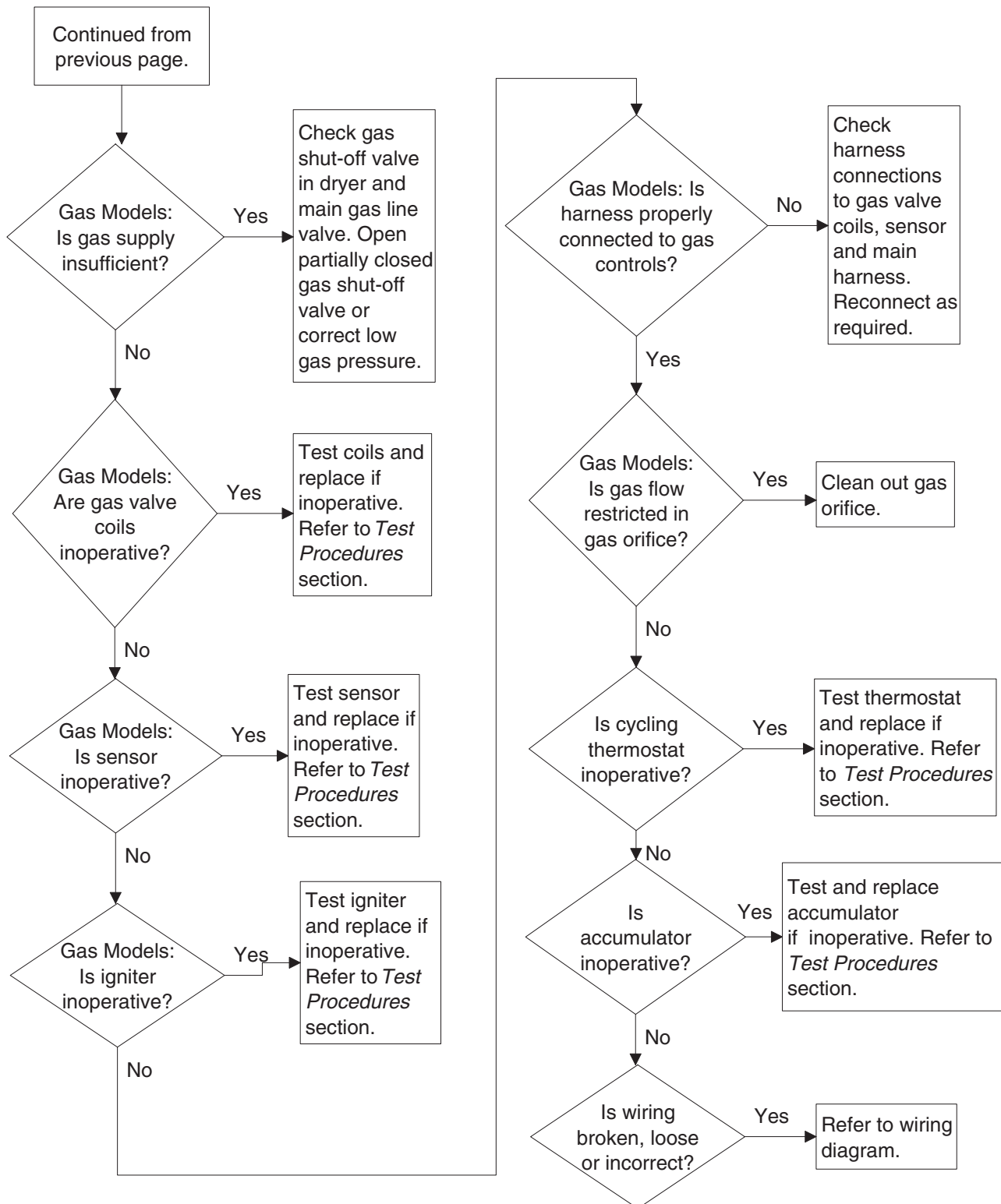
## 6. Dryer Heating Assembly Does Not Heat or Burner Does Not Ignite

Dryer heating assembly does not heat or burner does not ignite.



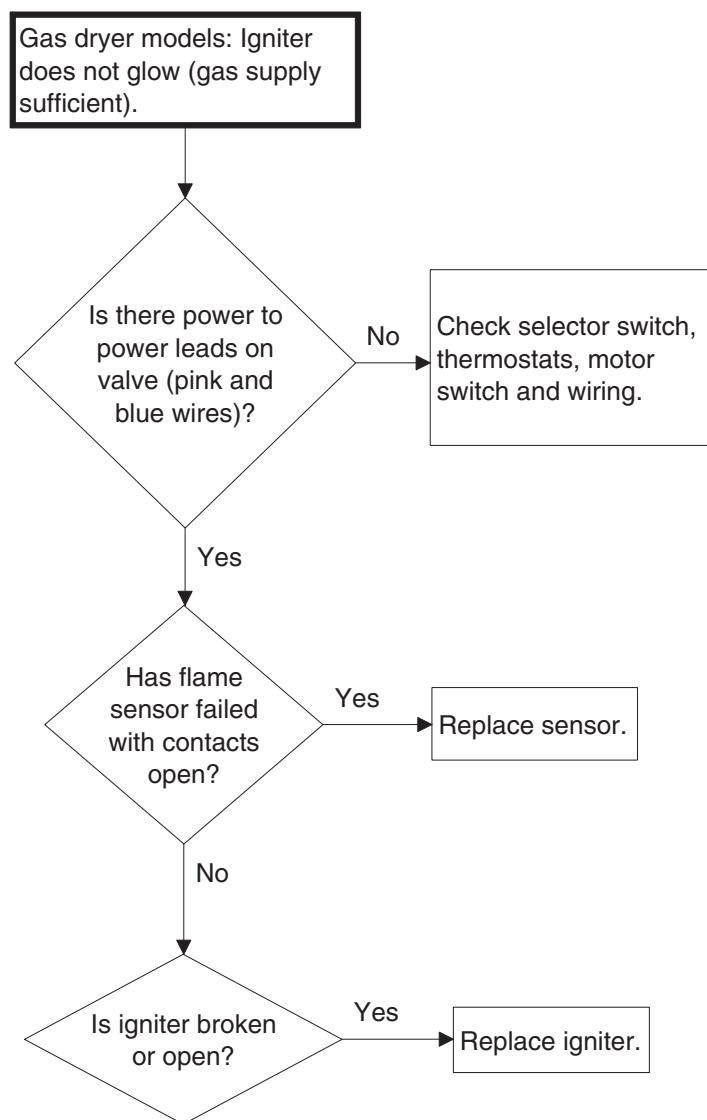
DRY1848Sa

## 6. Dryer Heating Assembly Does Not Heat or Burner Does Not Ignite (continued)



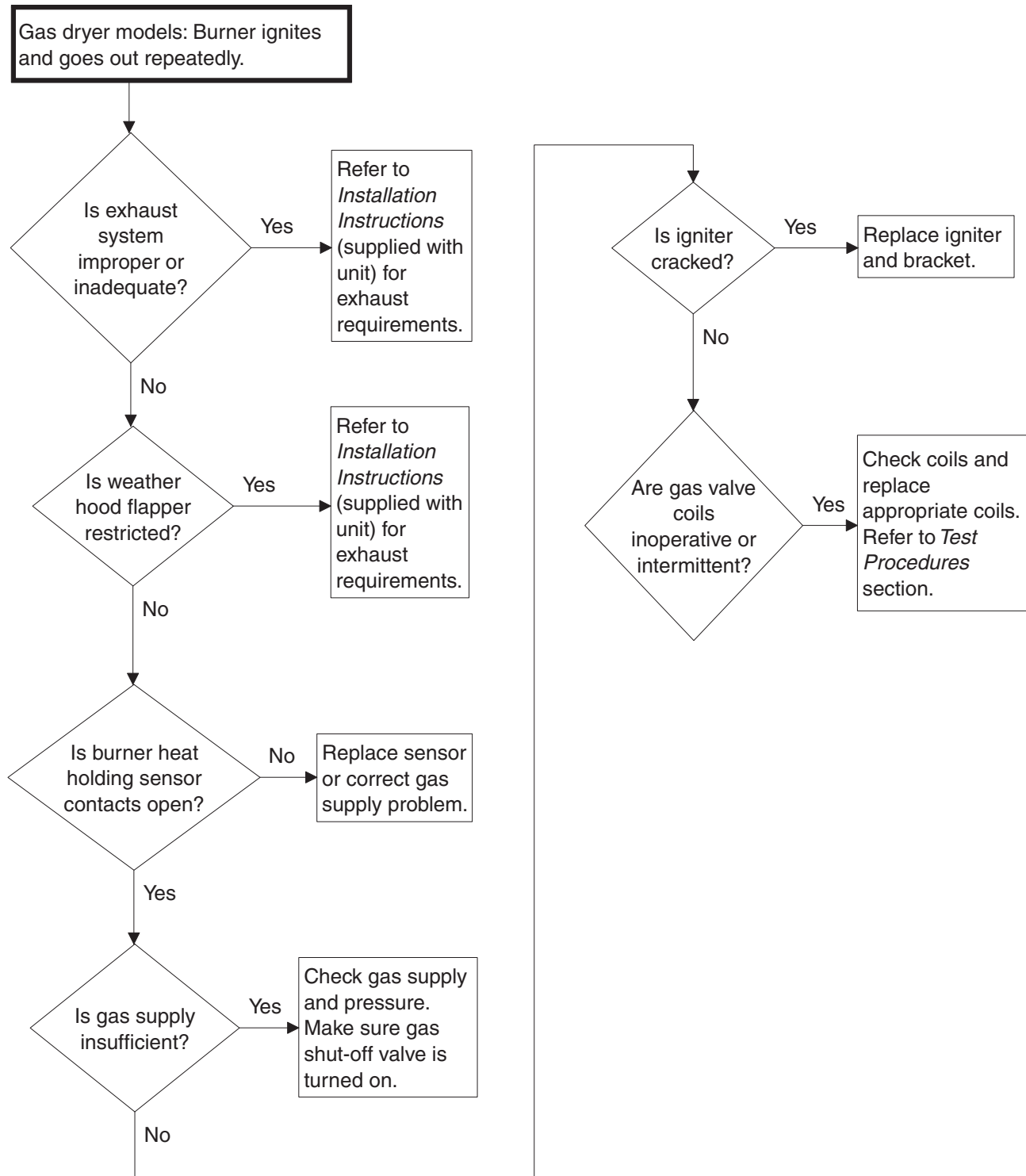
DRY1848Sb

## 7. Igniter Does Not Glow (Gas Supply Sufficient) – Gas Dryer Models



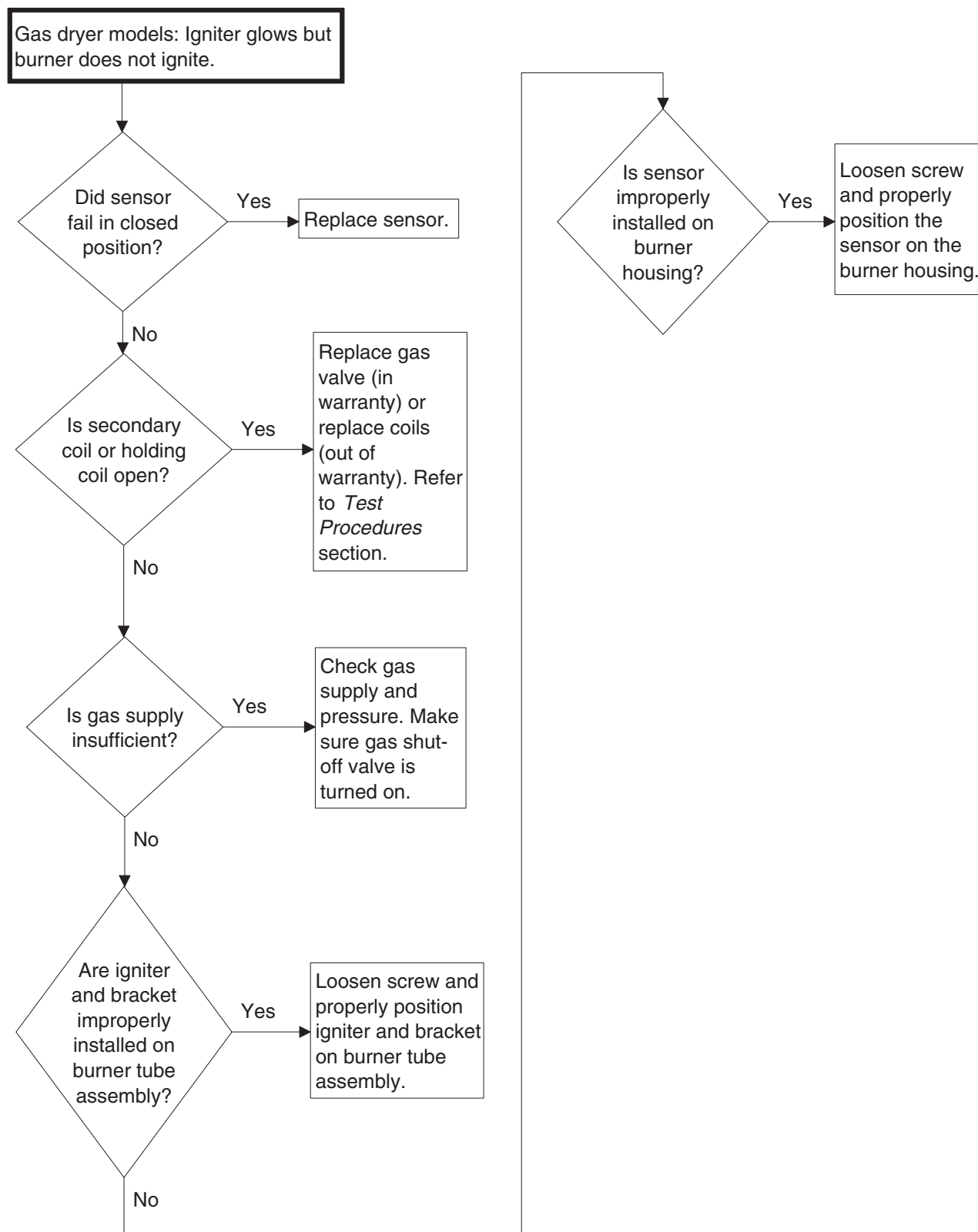
DRY1850S

## 8. Burner Ignites and Goes Out Repeatedly – Gas Dryer Models



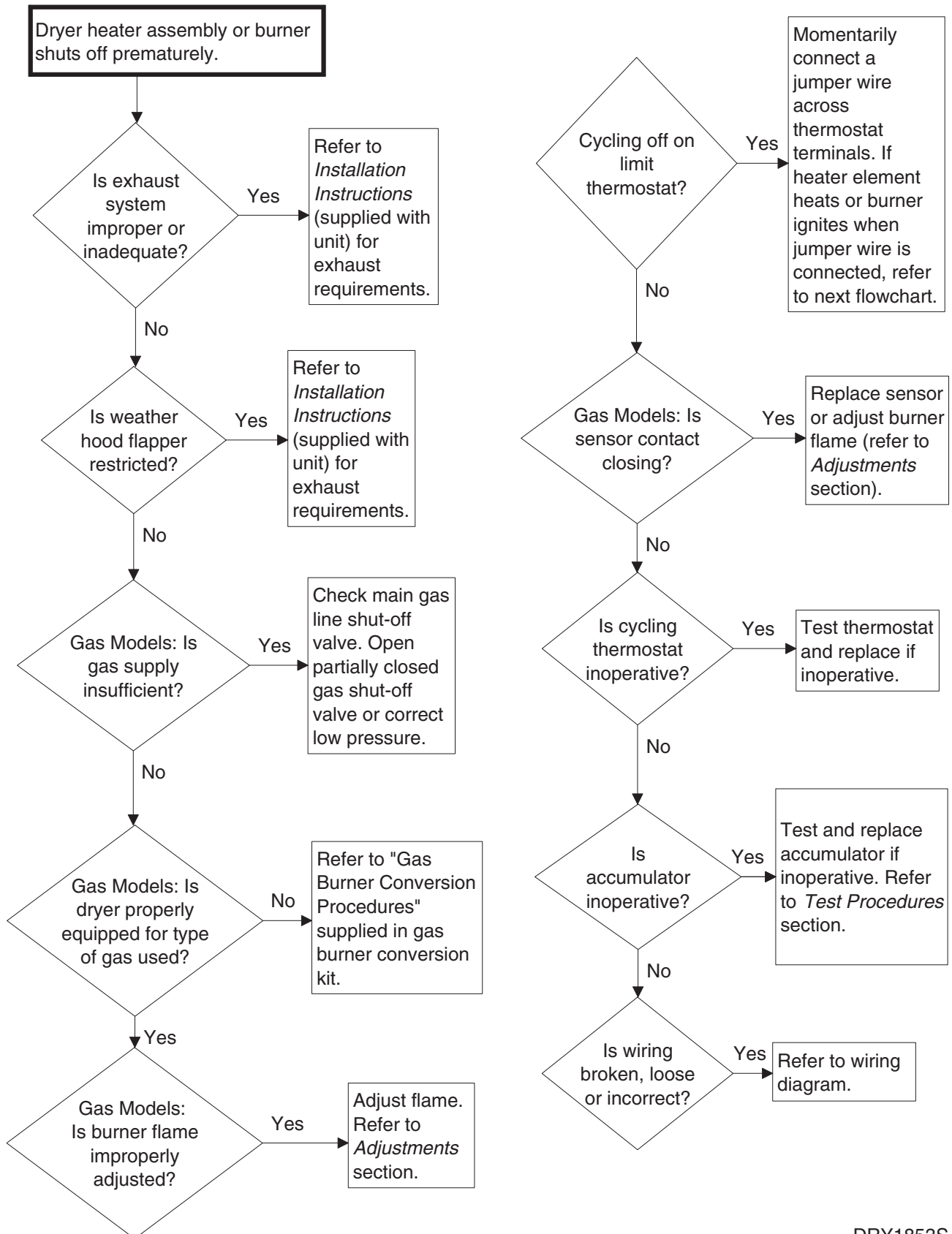
DRY1851S

## 9. Igniter Glows But Burner Does Not Ignite – Gas Dryer Models



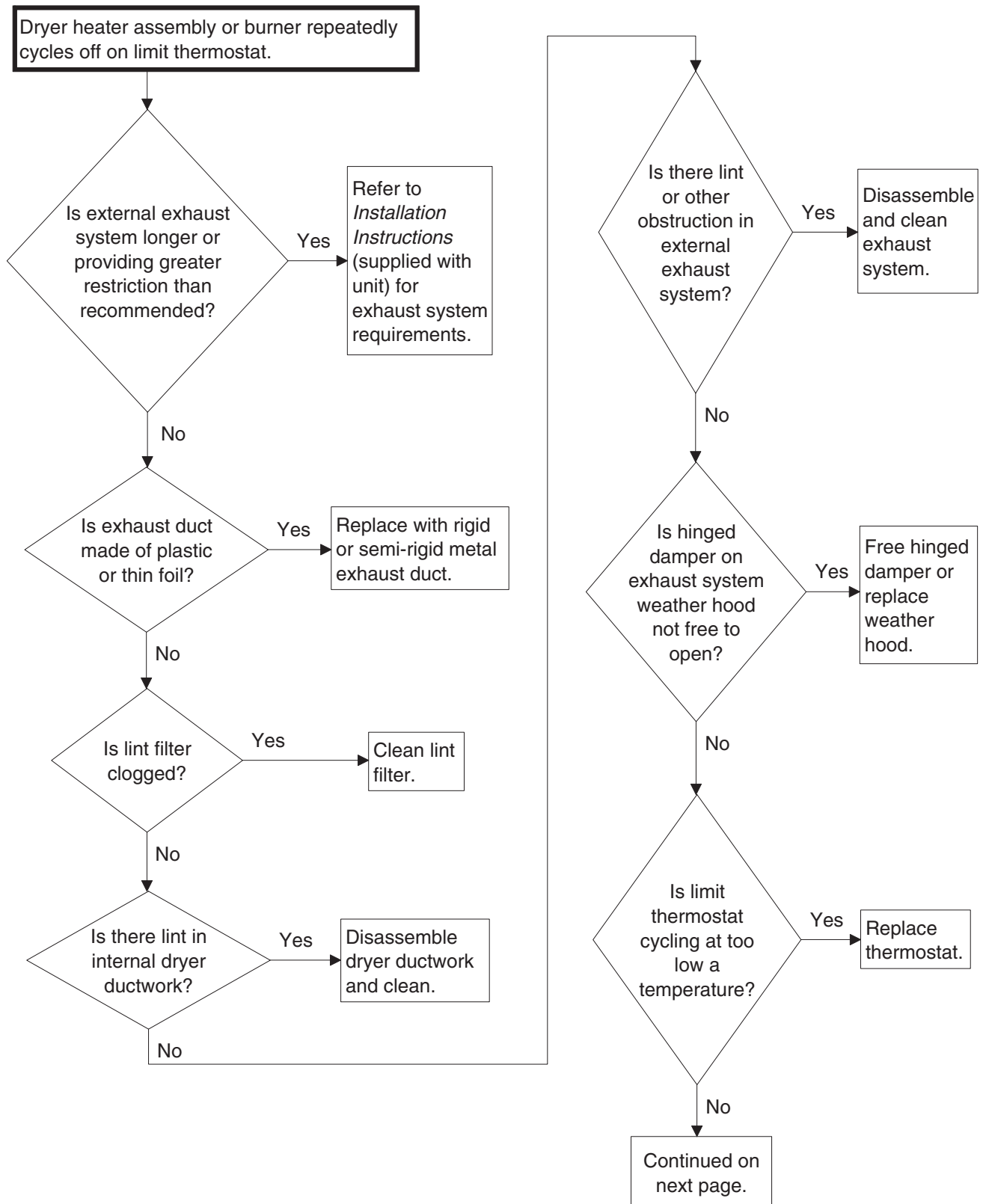
DRY1852S

# 10. Dryer Heater Assembly Or Burner Shuts Off Prematurely



DRY1853S

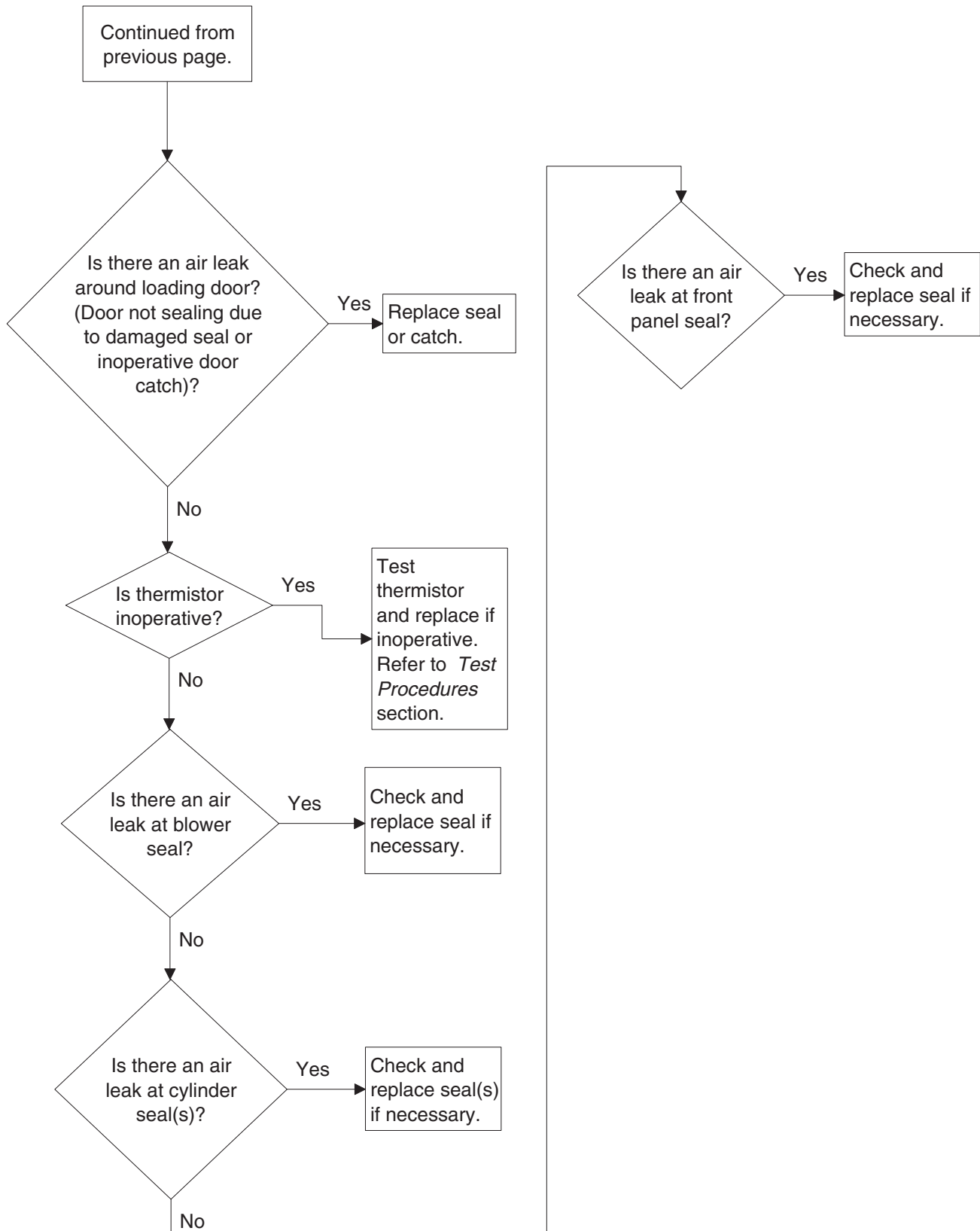
## 11. Dryer Heater Assembly or Burner Repeatedly Cycles Off On Limit Thermostat



SWD1699S-a

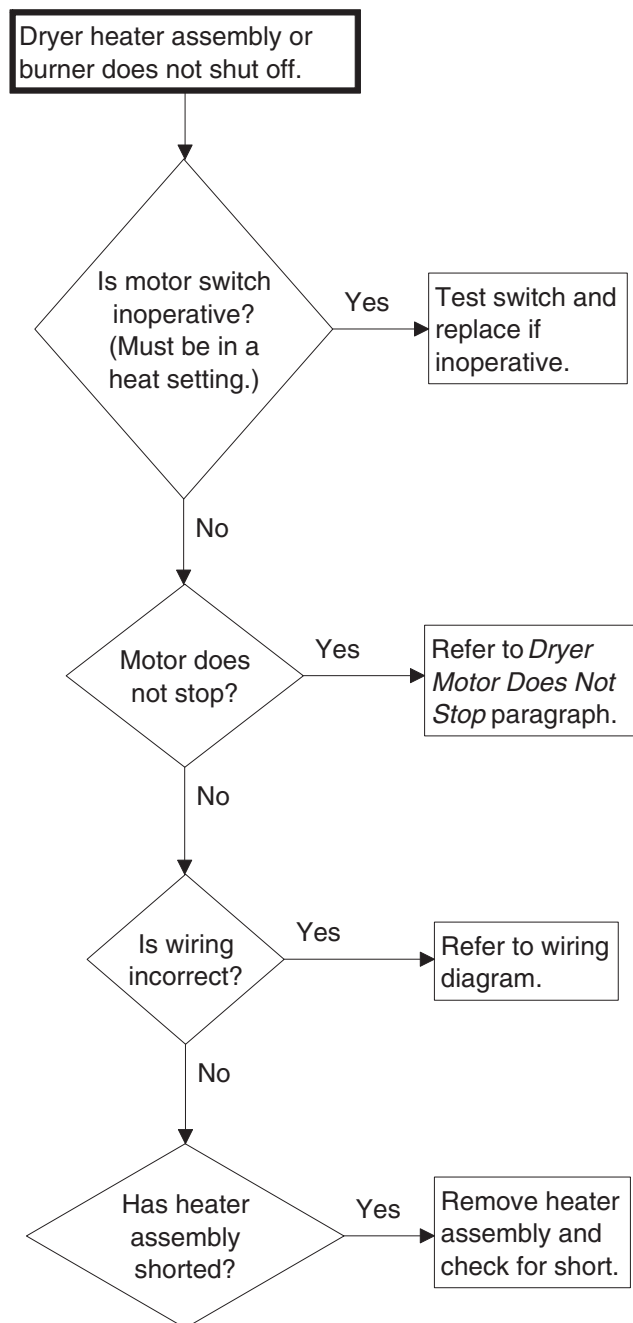


# 11. Dryer Heater Assembly or Burner Repeatedly Cycles Off On Limit Thermostat (continued)



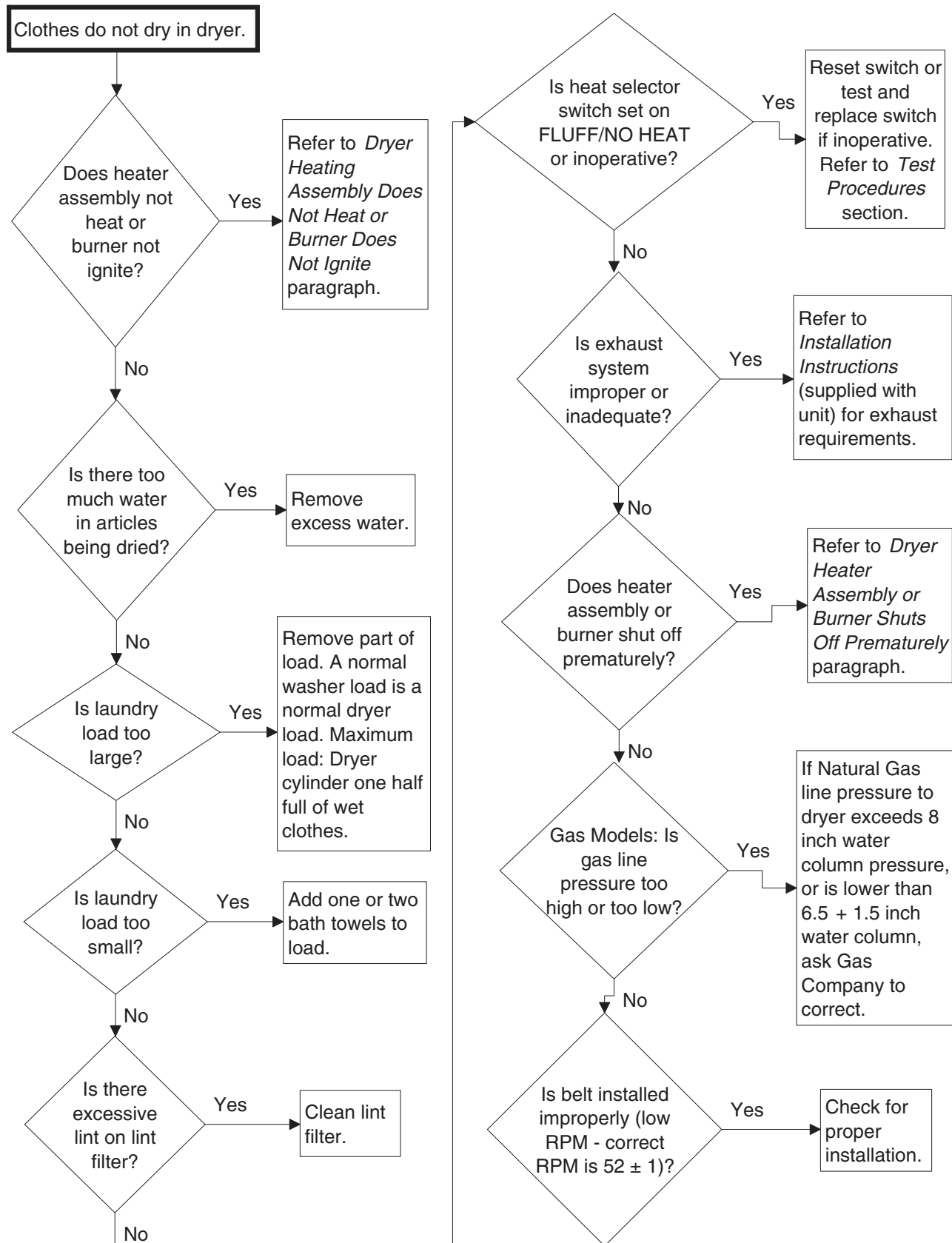
DRY1857S

## 12. Dryer Heater Assembly or Burner Does Not Shut Off



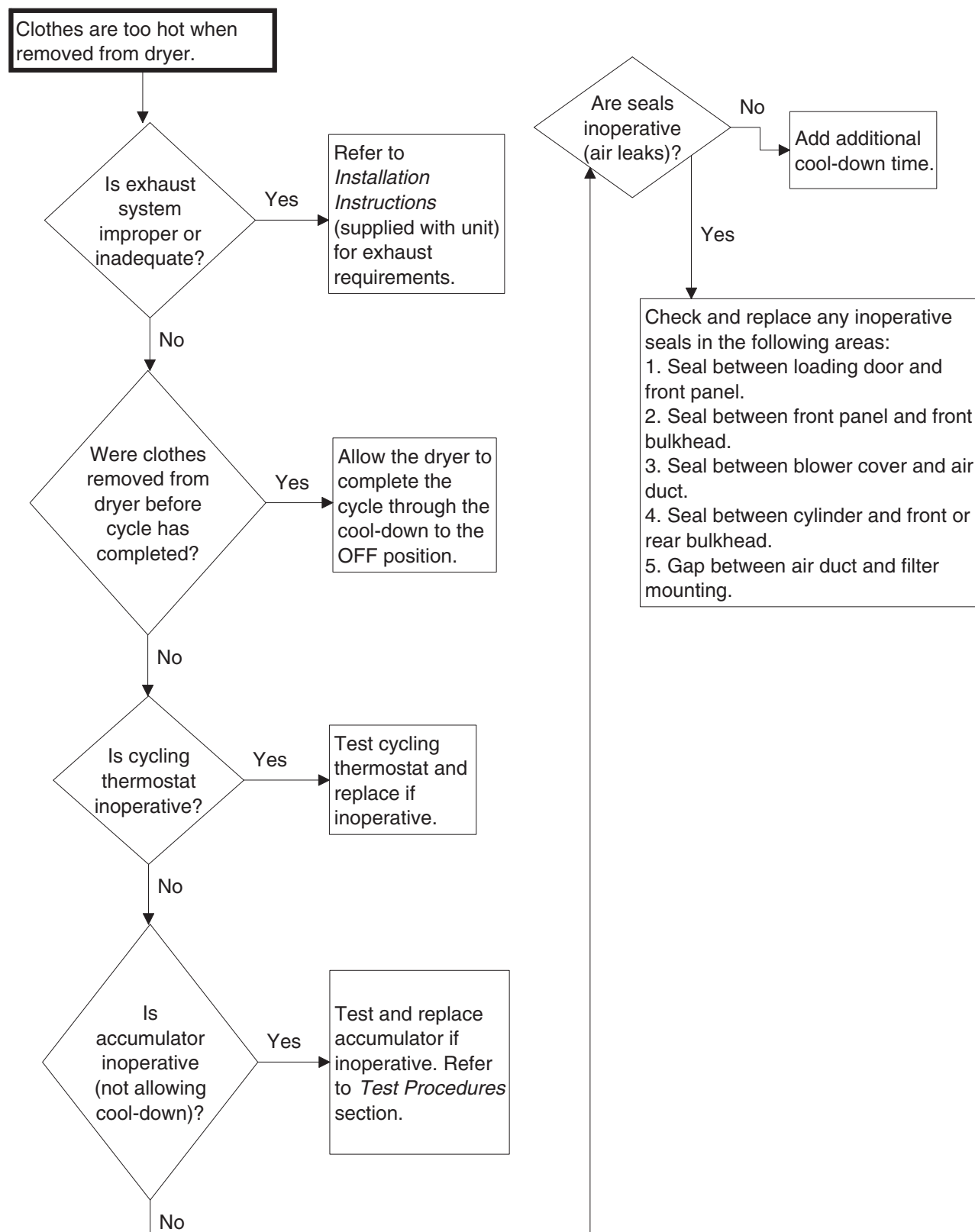
SWD1700S

# 13. Clothes Do Not Dry in Dryer



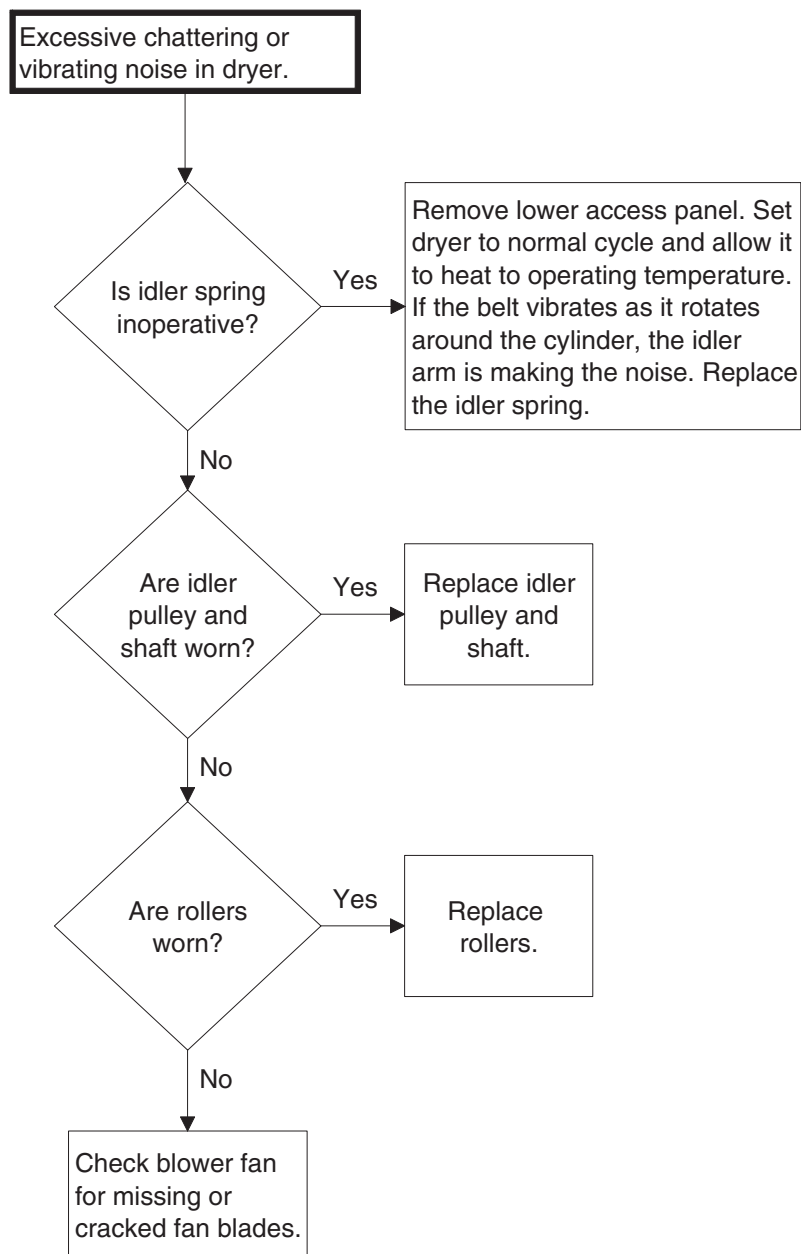
DRY1854S

## 14. Clothes Are Too Hot When Removed From Dryer



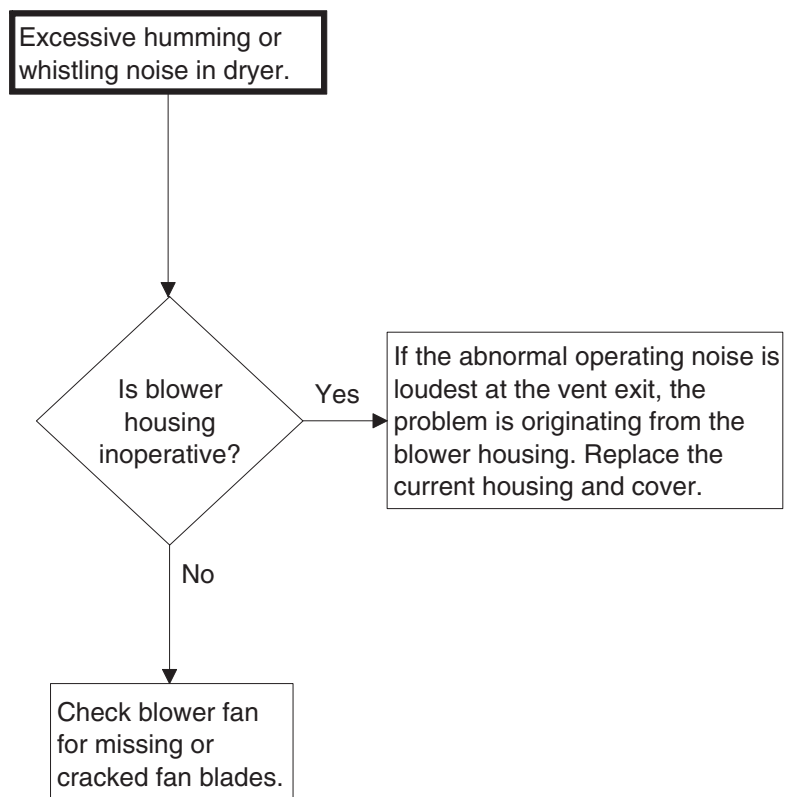
DRY1855S

## 15. Excessive Chattering Or Vibrating Noise in Dryer



DRY1858S

## 16. Excessive Humming Or Whistling Noise in Dryer



SWD1704S

# Section 4

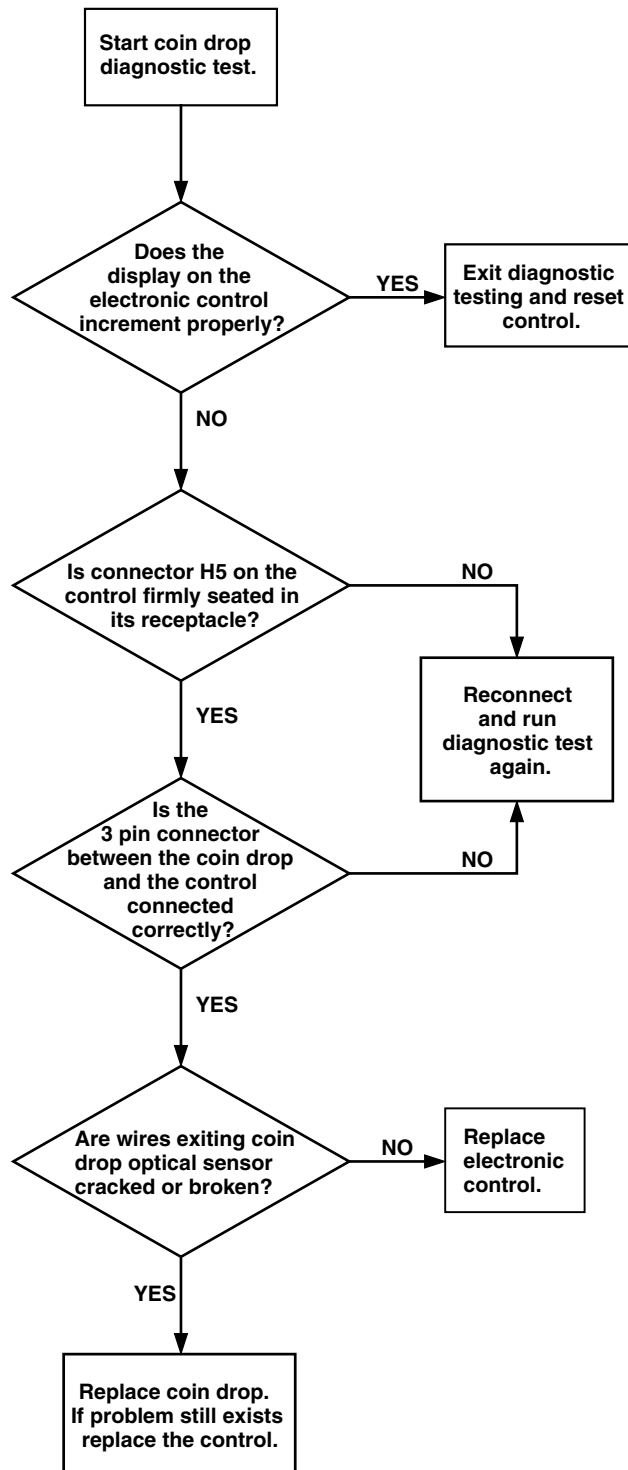
## Electronic Control Troubleshooting

### 17. Error Codes

Following is a list of possible error codes.

Display Information	Description	Cause/ Corrective Action
Right most DP (decimal point) Lit	Network Communication Error	Communication problem. Wait for 1.5 minutes for error to clear. If error doesn't clear, power-down and power-up the machine. If error persists, replace control or network board.
Alrm	Break-in Alarm Error	Service the door or coin vault switches.
OFF	Break-in Alarm Shutdown Error	Service the door or coin vault switches.
E:OP	Open Temperature Sensor Error	Open temperature sensor circuit wiring. Replace sensor.
E:SH	Shorted Temperature Sensor Error	Short in temperature sensor circuit wiring. Replace sensor.
Err	Coin Error	Invalid coin pulse or inoperative coin sensor. Check coin drop area and remove obstructions. If error persists, tampering may have occurred. Evaluate security procedures.
OP	Open Thermistor	Physical open in the thermistor circuit. Replace thermistor.
SH	Shorted Thermistor	Dead short in the thermistor circuit. Replace thermistor.

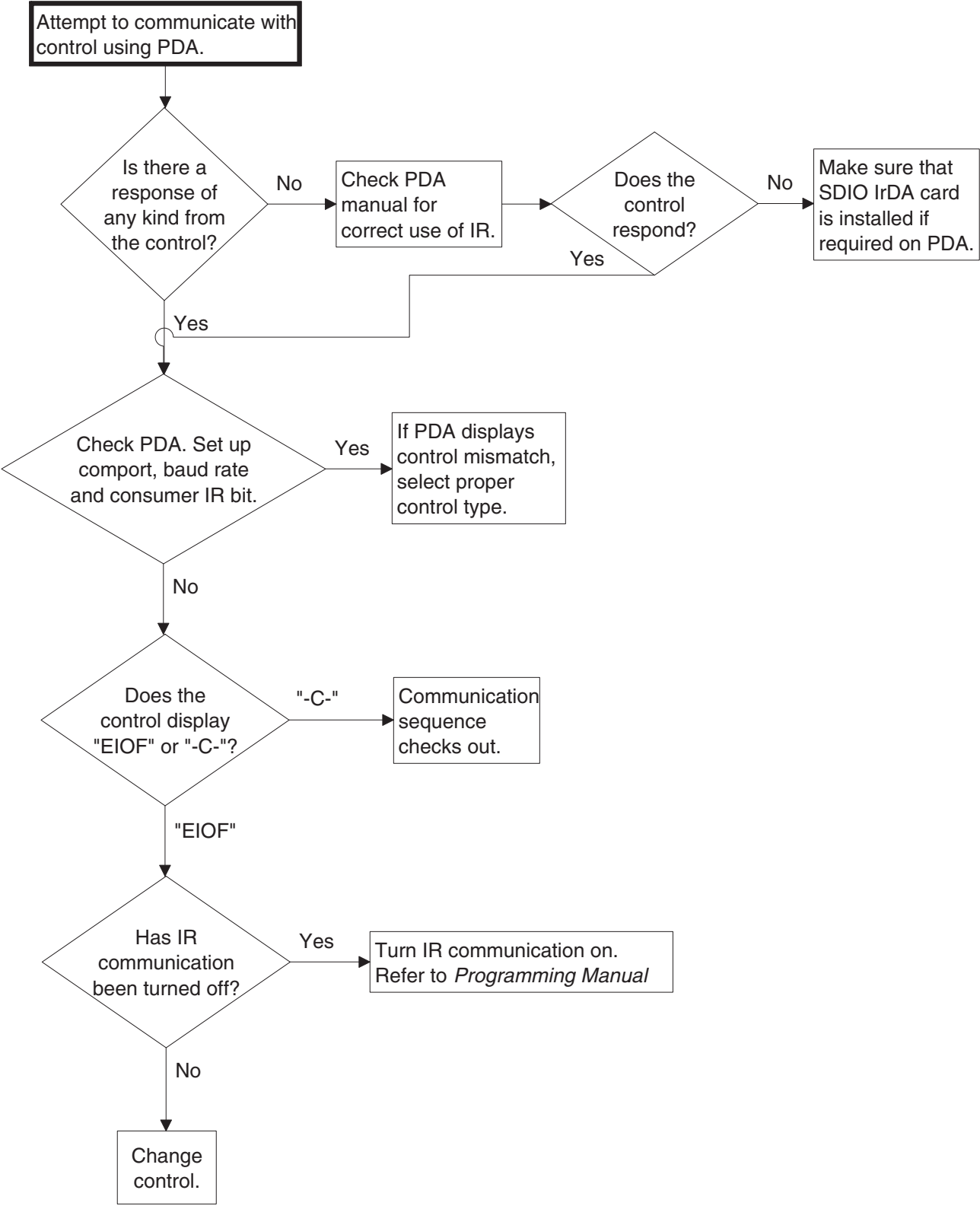
## 18. Coins Ignored When Entered



DRY353S

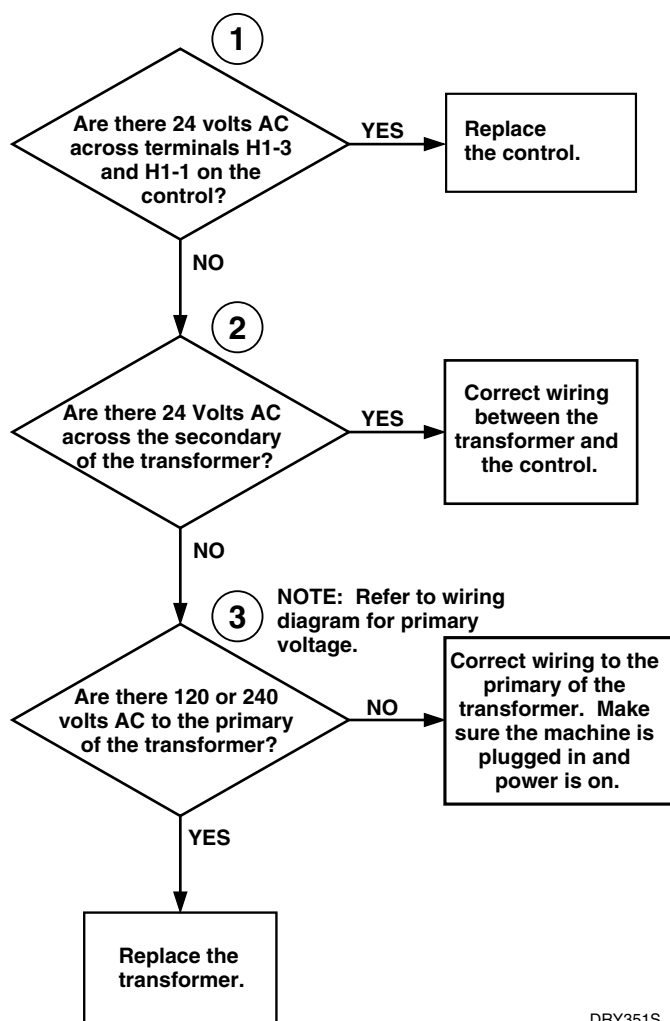


19. No IR Communication



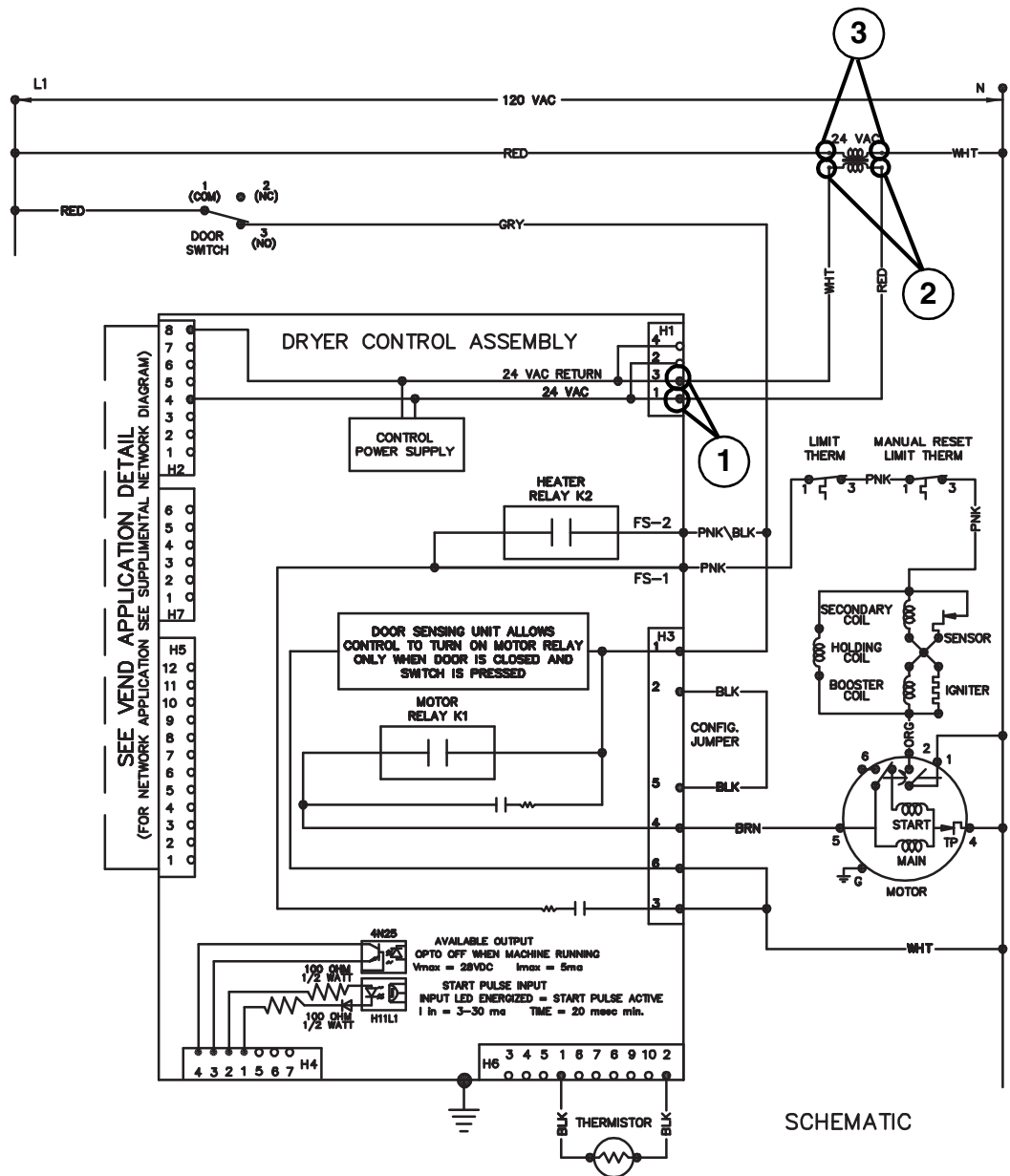
DRY1859S

## 20. No Display



DRY351S

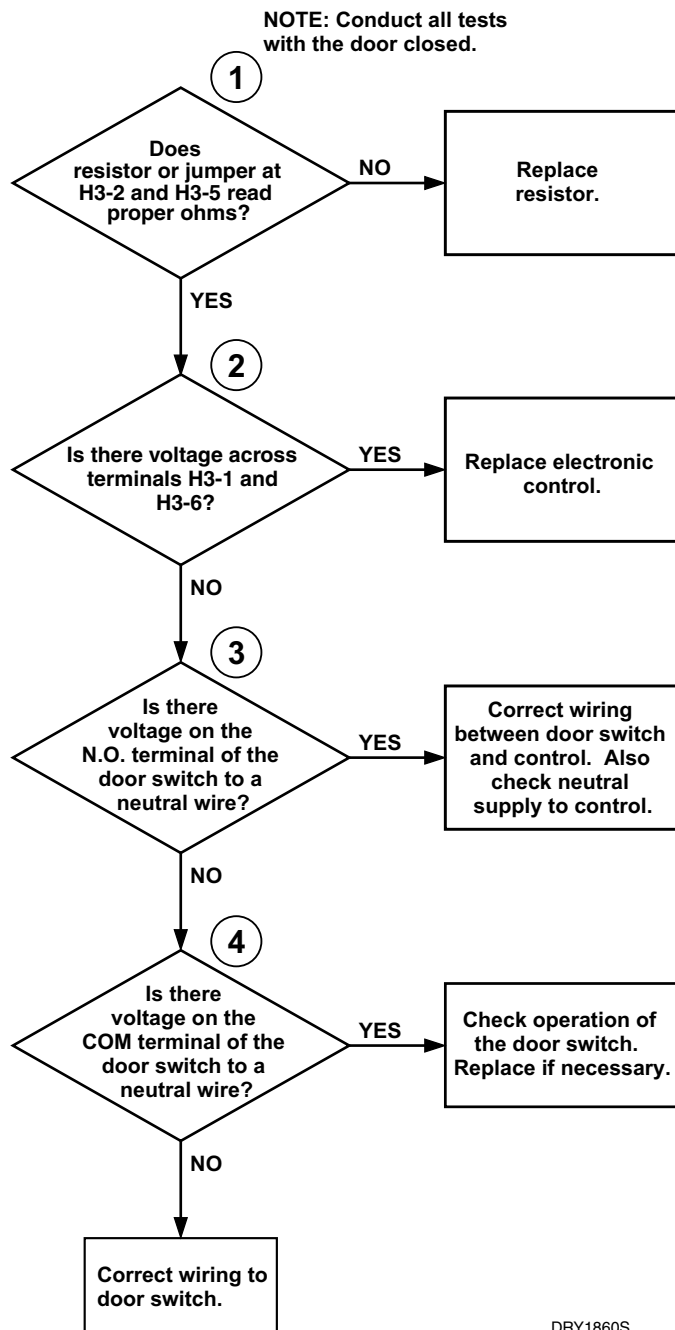
No Display



SCHEMATIC

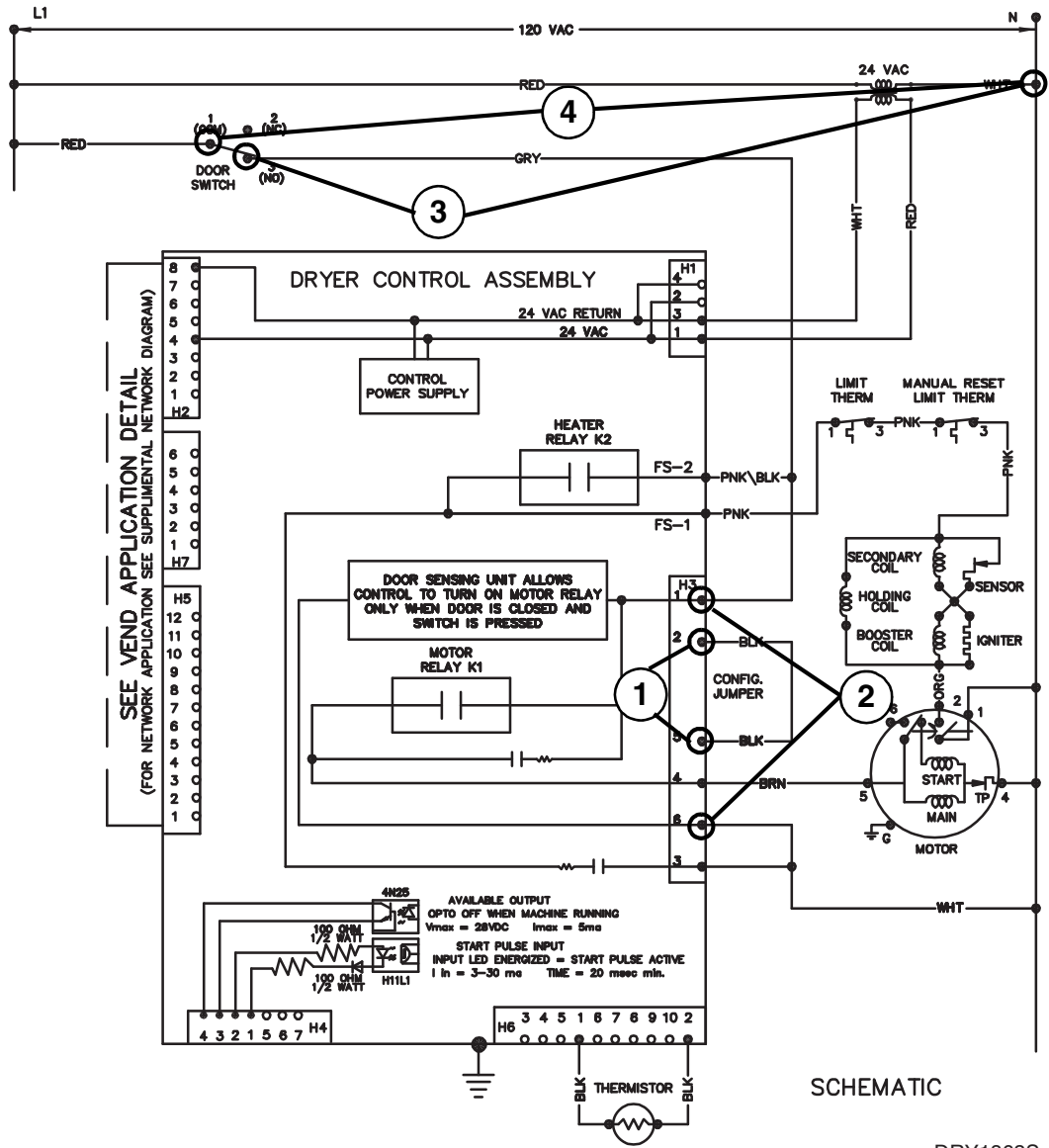
DRY1863S

## 21. Door Open



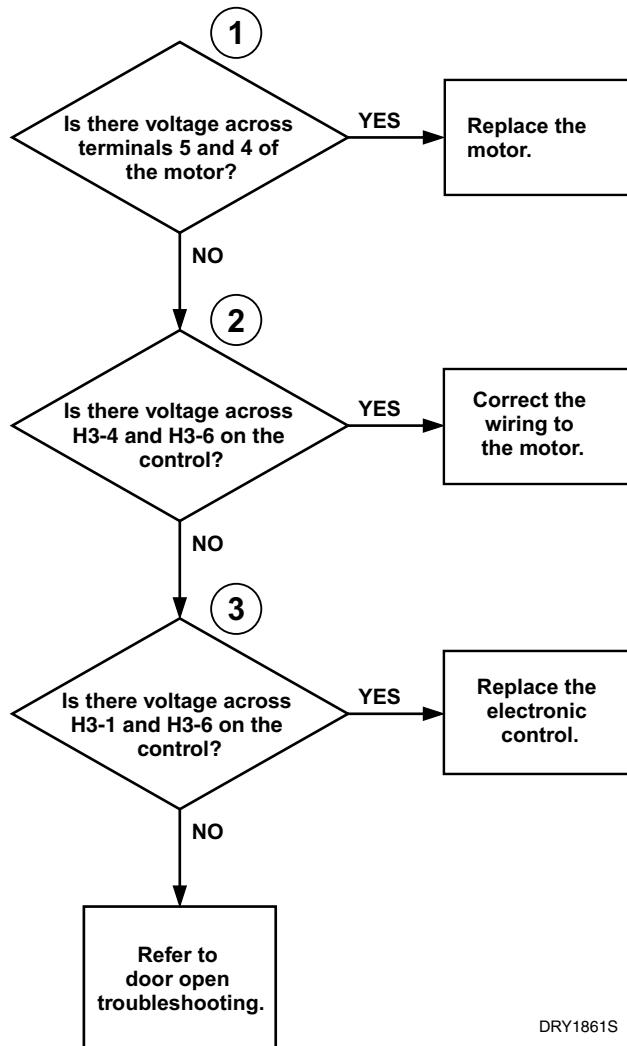
DRY1860S

Door Open



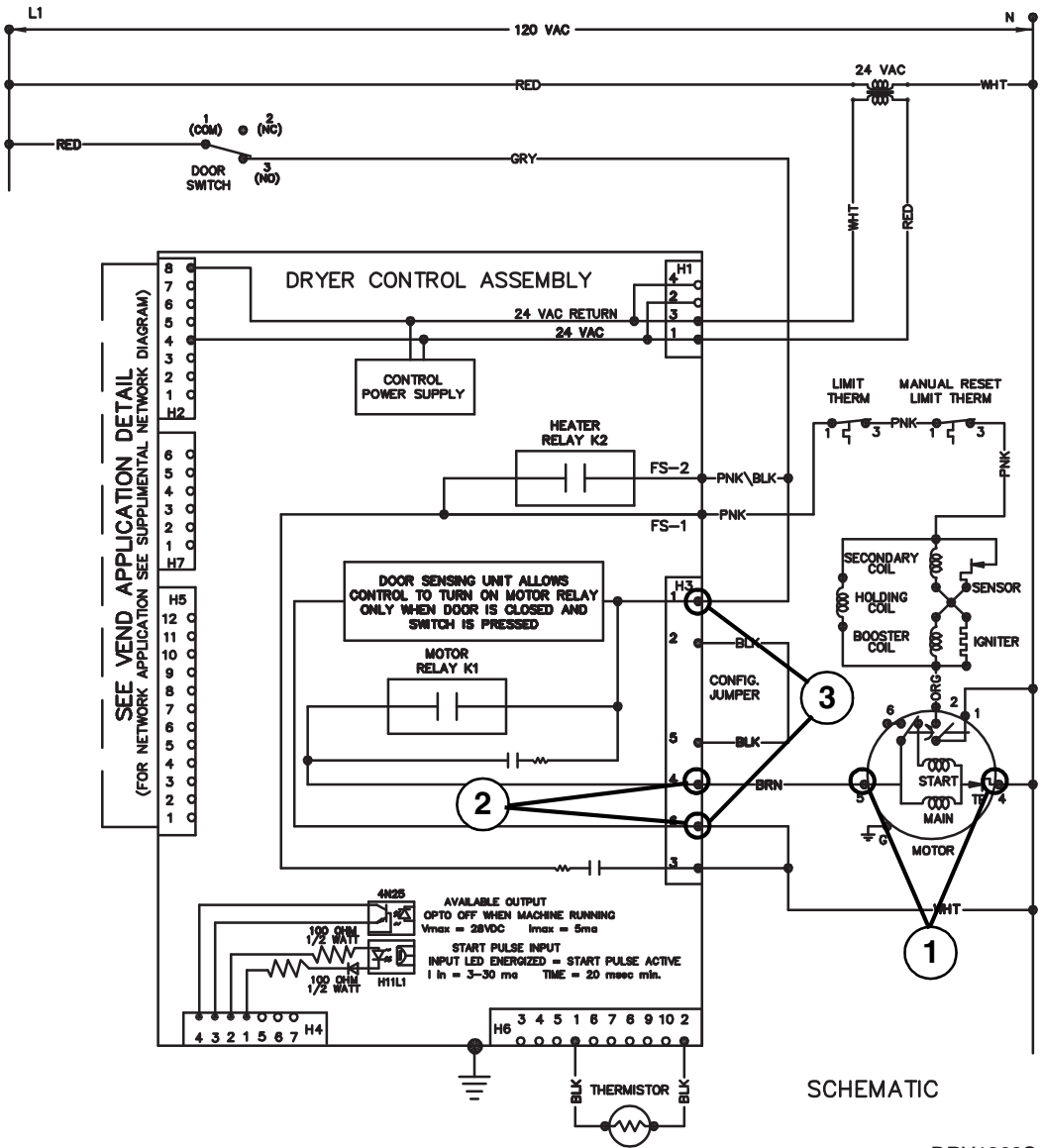
## 22. Motor Will Not Start

NOTE: Checks to be made only if motor does not start and "door" is not displayed on control. If "door" is displayed please refer to door open troubleshooting.

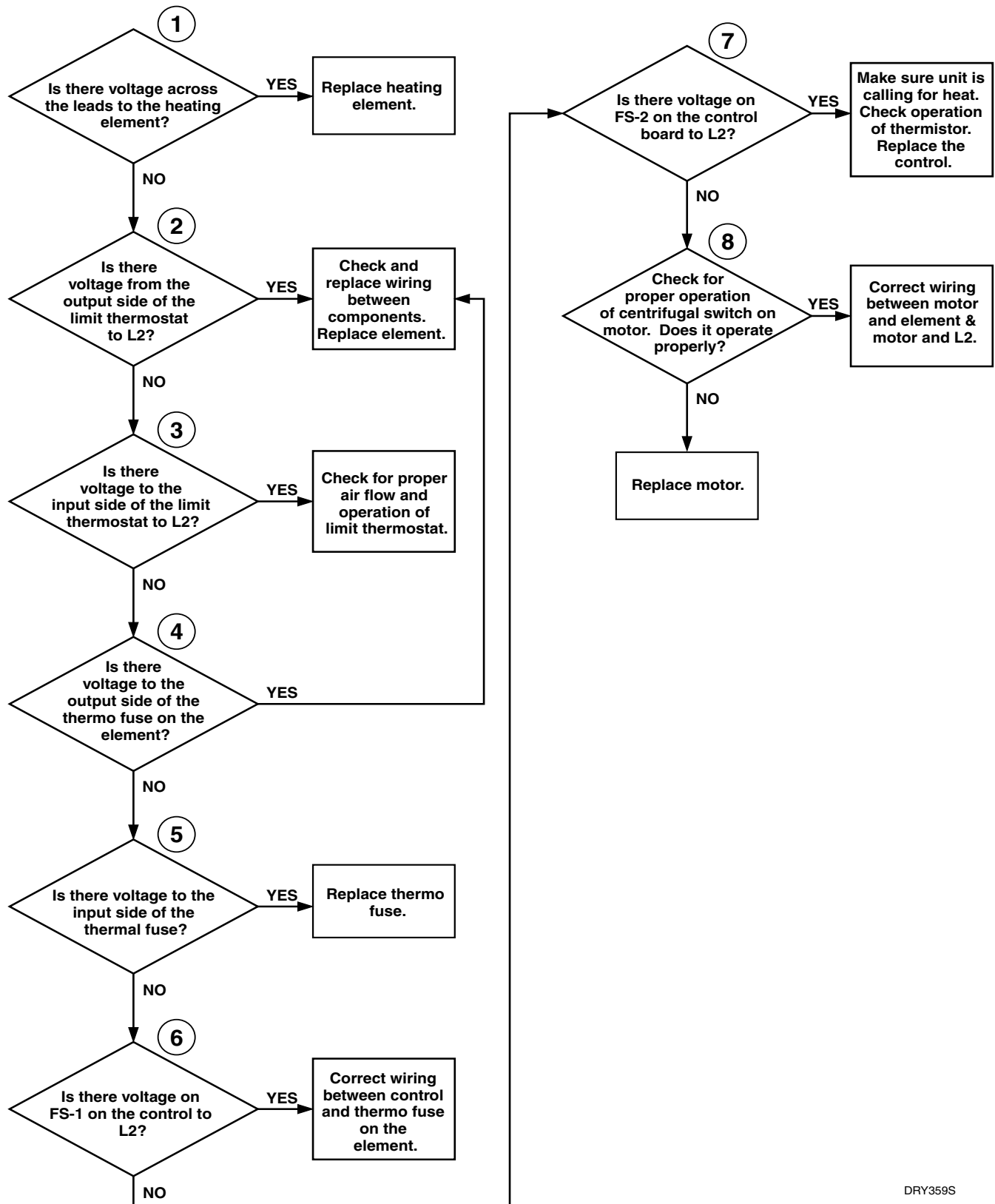


DRY1861S

Motor Will Not Start



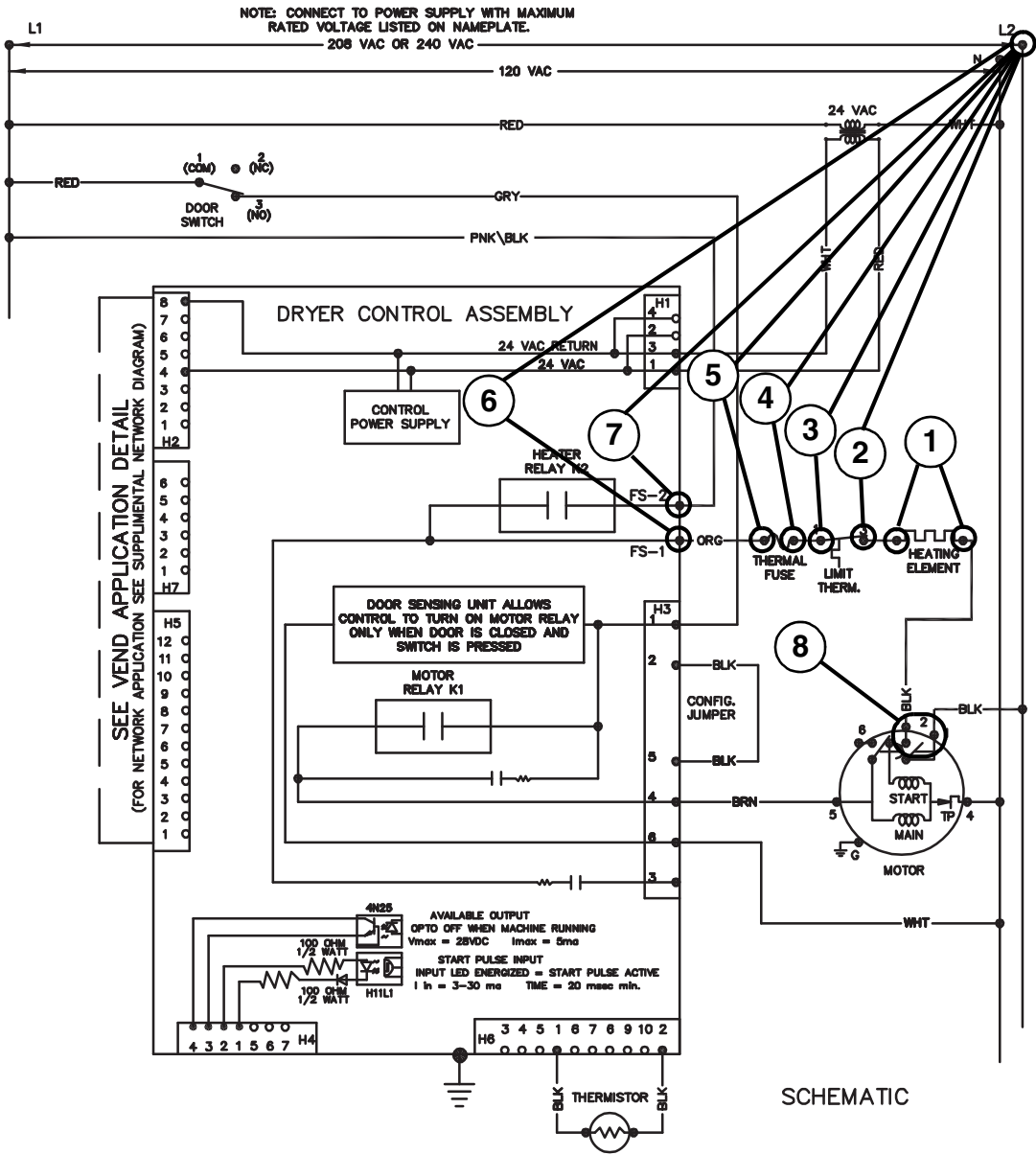
## 23. No Heat (Electric)



DRY359S

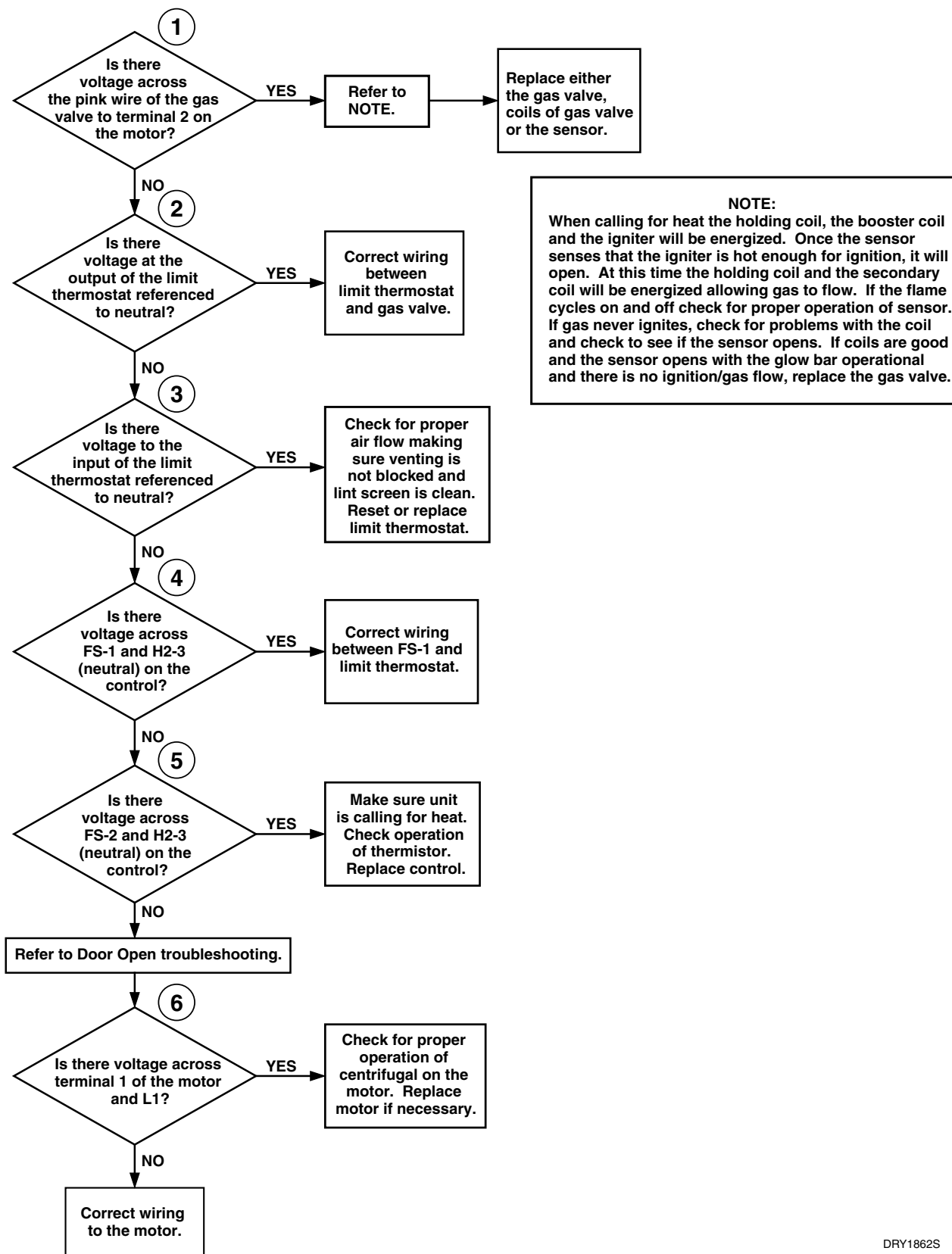


No Heat (Electric)



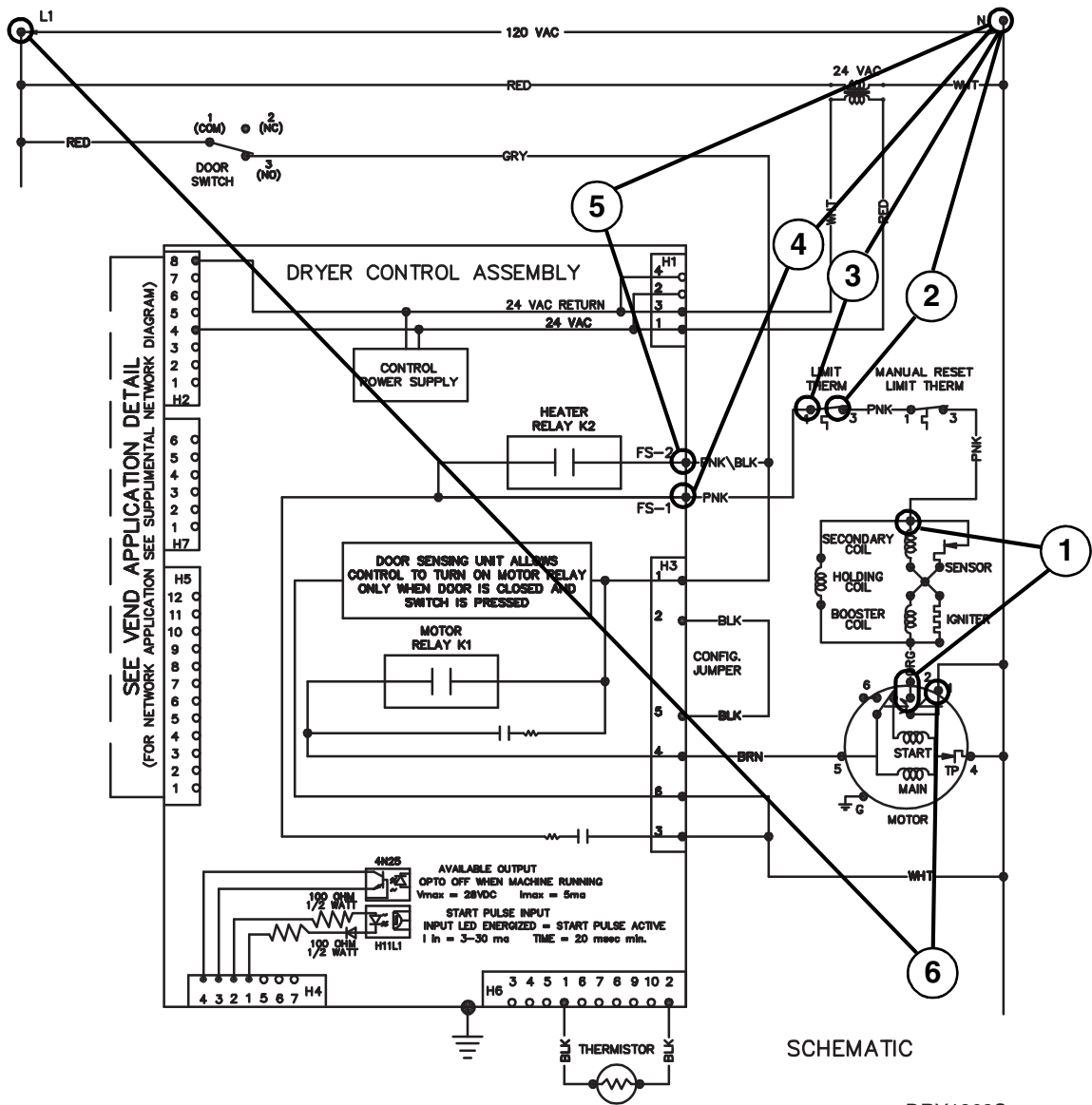
FLW1864S

## 24. No Heat (Gas)



DRY1862S

No Heat (Gas)



# Section 5

## Coin Drop Troubleshooting



### 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

### 25. Troubleshooting Coin Drop

#### a. Non-Electronic Coin Drops:

When coin is placed into coin slot, the coin should roll down drop and be heard dropping into coin vault. If coin does not fall into coin vault or if coin drop sensor does not register that coin has been entered, follow troubleshooting instructions on following page. Refer to *Figure 1* for path that coin follows when working properly.

**IMPORTANT:** Never use oil to correct coin drop problems. Oil residue will prevent coins from rolling properly.

**IMPORTANT:** Do not bend or damage mechanical parts within coin drop.

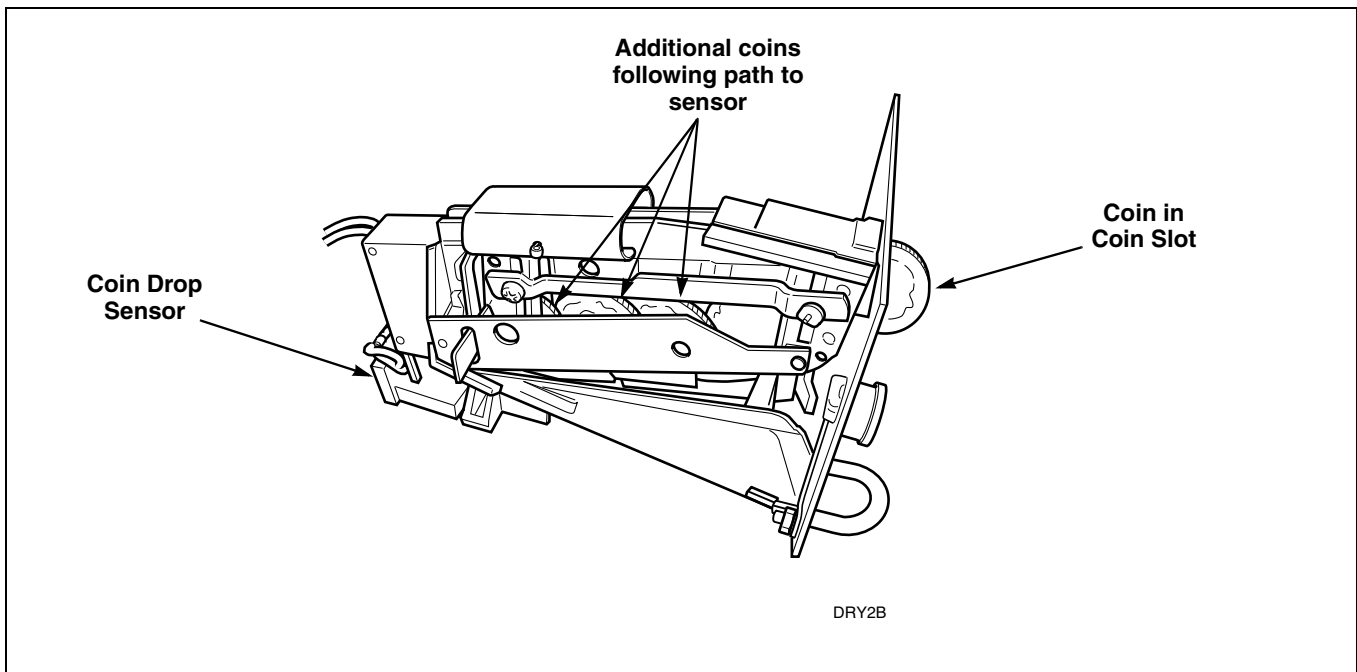


Figure 1



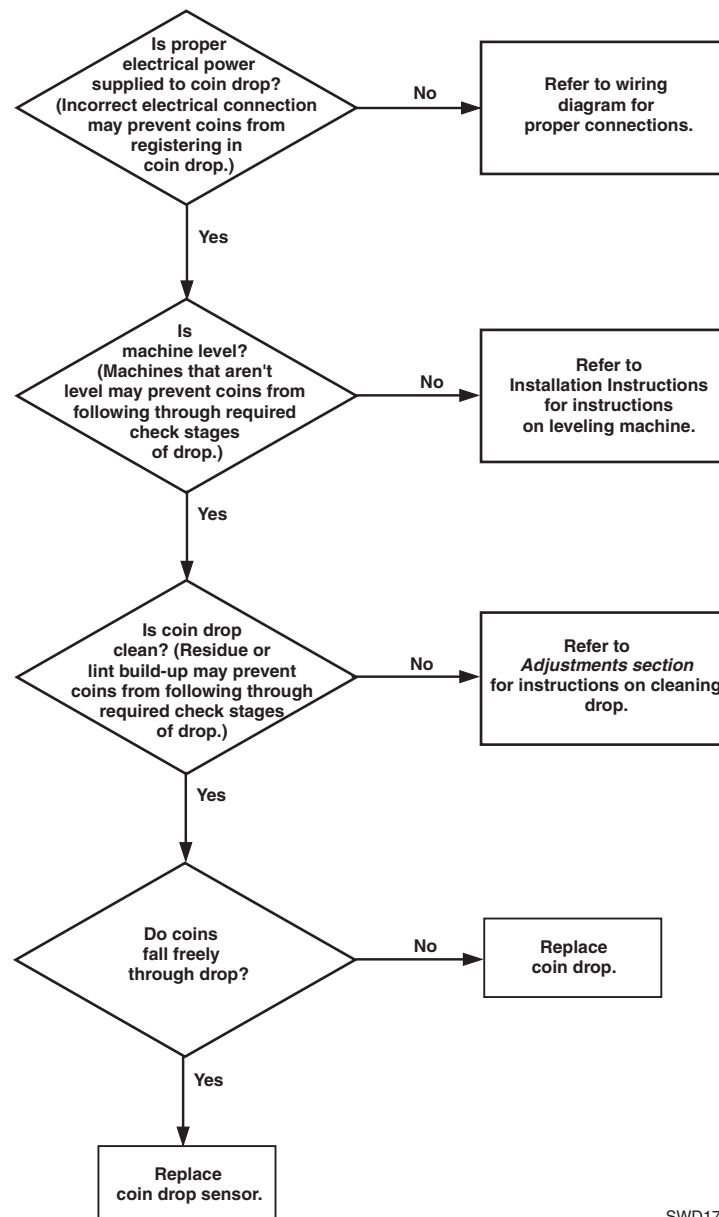
## WARNING

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

## 25. Troubleshooting Coin Drop (continued)



SWD1714S



## 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. Electronic Coin Drops:

If coin drop is not accepting coins, perform the following:

- (1) Clean coin drop. Refer to *Paragraph 29*.
- (2) On electronic coin drops with an old-style tension spring (shown in *Figure 2* and *Figure 4*), test and replace tension spring using the following instructions.

### Remove Coin Drop From Machine

- (1) Disconnect electrical power to machine and drop.
- (2) Remove coin drop from machine.

### Test Tension Spring

- (1) Push coin return button to open and close coin drop cover to clear possible coin jams. Refer to *Figure 2*.

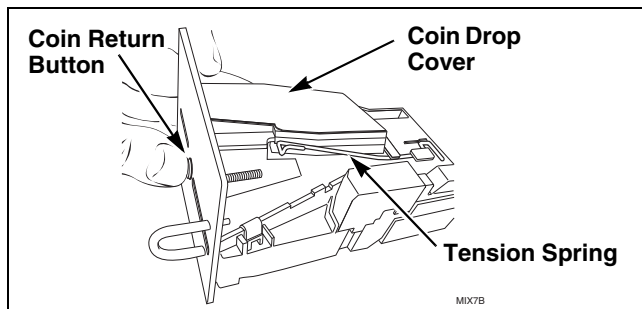


Figure 2

- (2) Manually hold down coin drop cover and insert coin. Refer to *Figure 3*.

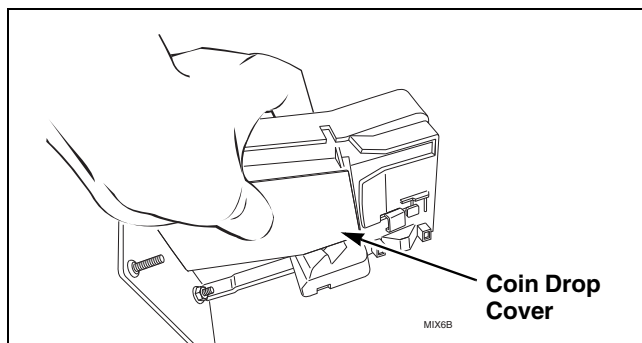


Figure 3

- (3) If coin drop now operates properly, replace tension spring using instructions on following pages.

### Replace Tension Spring

- (1) Move tension spring downward until cover catch is free. Refer to *Figure 4*.

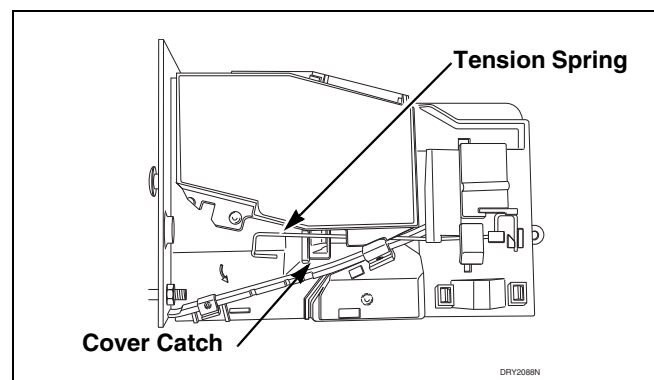


Figure 4

- (2) Open cover for coin drop.



## 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) Place a small flathead screwdriver under right side of tension spring and lift up. Refer to *Figure 5*.

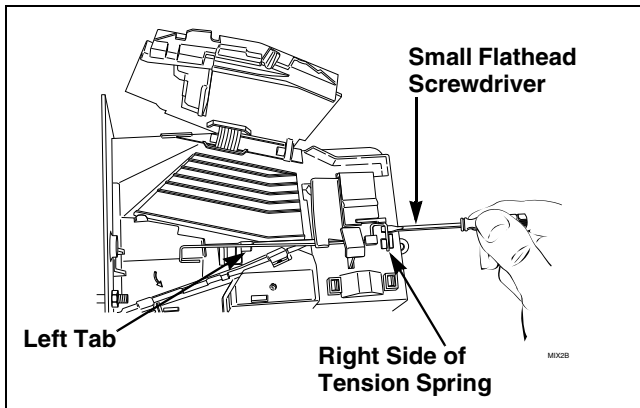


Figure 5

- (4) Use screwdriver to move spring approximately 3 mm to left.  
 (5) Lift spring over left tab. Refer to *Figure 5*.  
 (6) Rotate spring clockwise, 40 to 60 degrees, until it is free from right tabs. Refer to *Figure 6*.

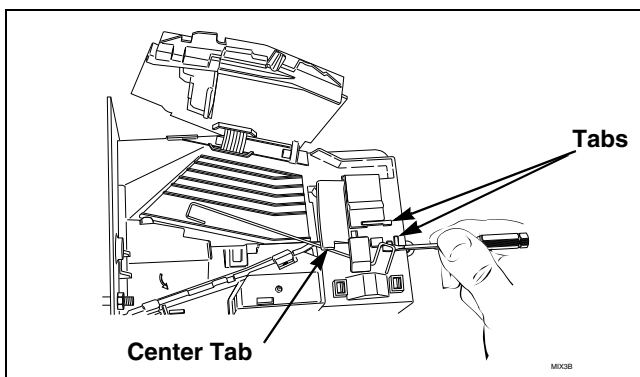


Figure 6

- (7) Use screwdriver to remove spring from center tab. Refer to *Figure 6*.  
 (8) Lift spring, with attached clip, off drop.

- (9) Remove clip from spring. Refer to *Figure 7*.

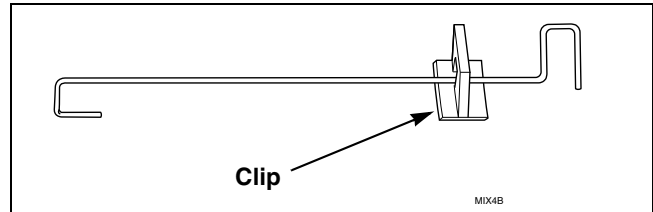


Figure 7

- (10) Attach clip to new tension spring, Part No. 209/00598/02.  
 (11) Place clip, installed on spring, in slot on coin drop. Refer to *Figure 8*.

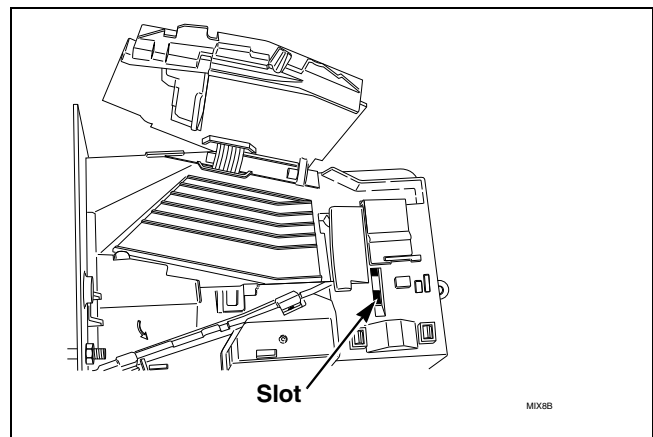


Figure 8



## 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

- (12) Use a small flathead screwdriver to push spring under center tab. Refer to *Figure 9*.

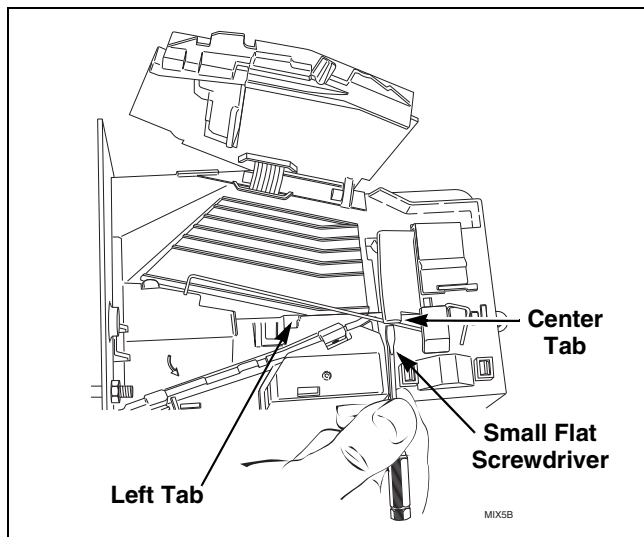


Figure 9

### Reinstall Coin Drop Into Machine

- (1) Reinstall coin drop into machine.
- (2) Reconnect electrical power to machine and drop.
- (3) Add a coin to drop to verify that coin drop is operating properly and that electrical connection is working properly.

- (13) Lift spring gently to place in position under left tab.
- (14) Push spring to right until it snaps into position. Refer to *Figure 5*.
- (15) Close coin drop cover.
- (16) Move tension spring over cover catch. Refer to *Figure 4*.



# 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

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

### 26. Leveling Legs

Refer to *Figure 10*.

**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.

**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.



### 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

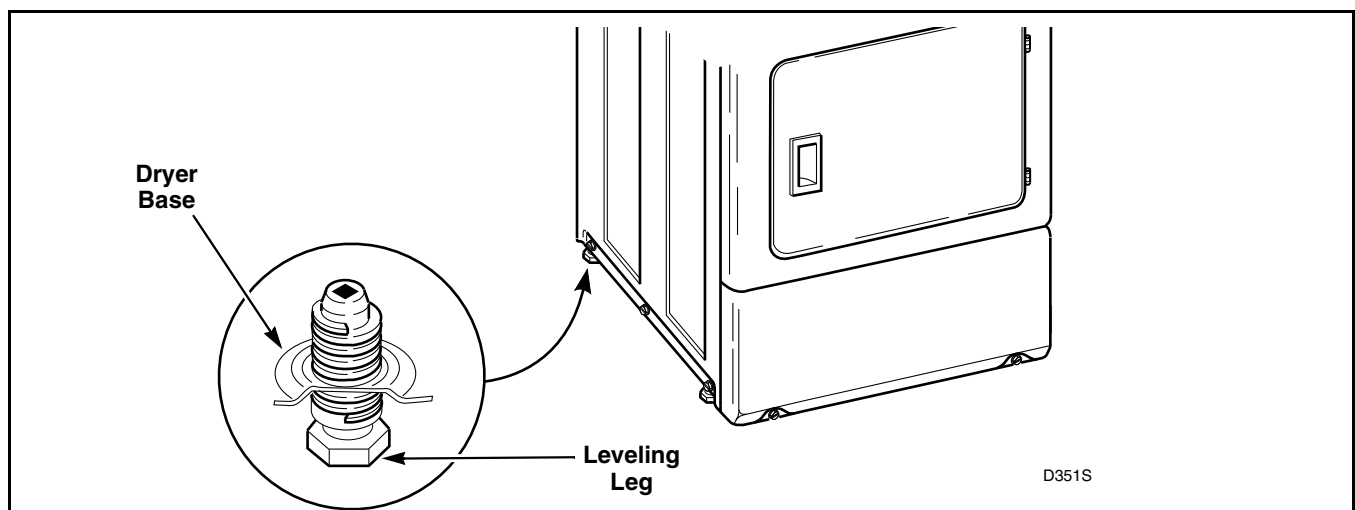


Figure 10



## 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

## 27. Burner Flame (Gas Models)

- 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. Set timer to 60 minutes.
- 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. Refer to *Figure 11*.
- 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. Refer to *Figure 11*.
- h. Reinstall access panel and screws.



## WARNING

To reduce the risk of fire or serious injury, the access panel must be in place during normal operation.

W262

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

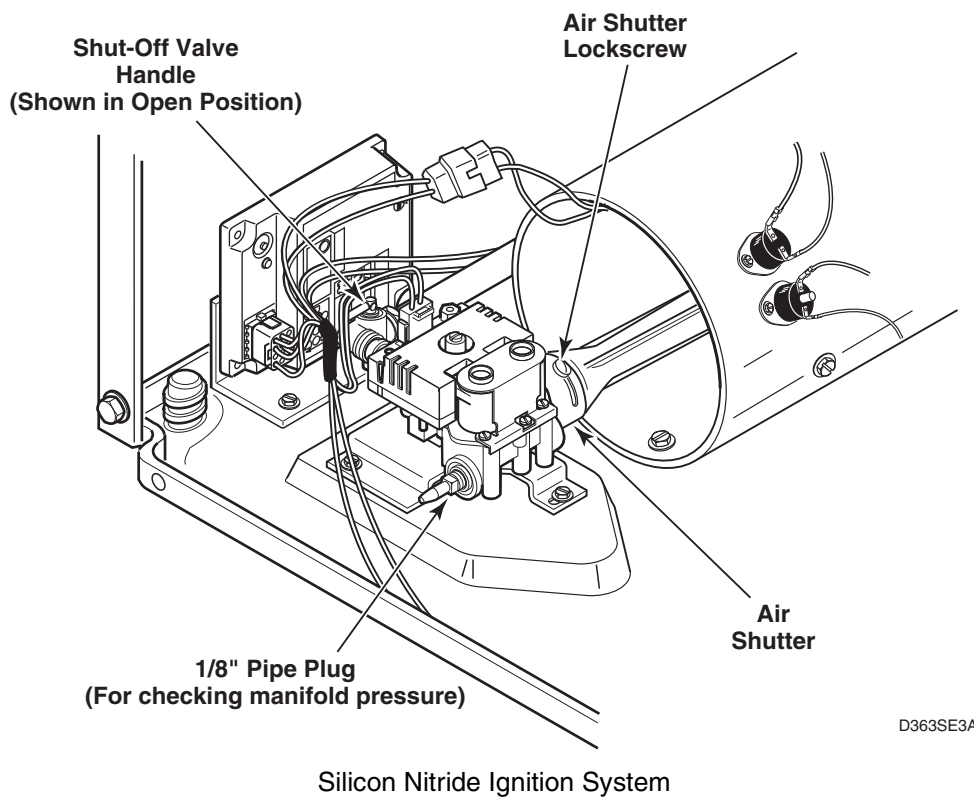
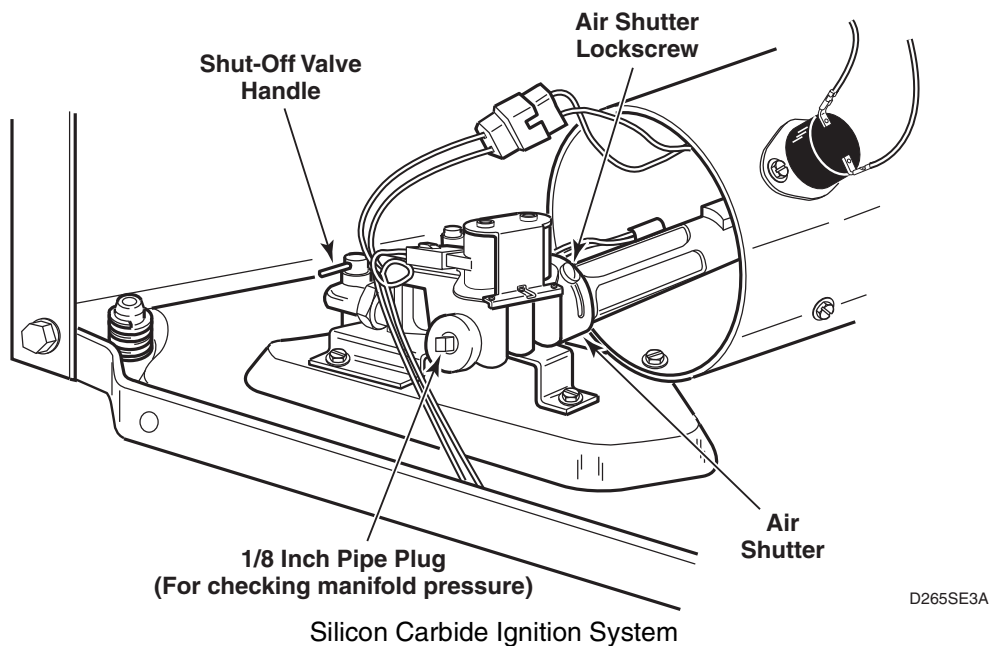


Figure 11



## 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. Cleaning Non-Electronic Coin Drop

- Disconnect electrical power to machine and drop.
- Remove coin drop from machine.
- If lint is preventing coins from rolling through coin drop, blow compressed air through coin entry and along the side of the coin drop. Refer to *Figure 12*.

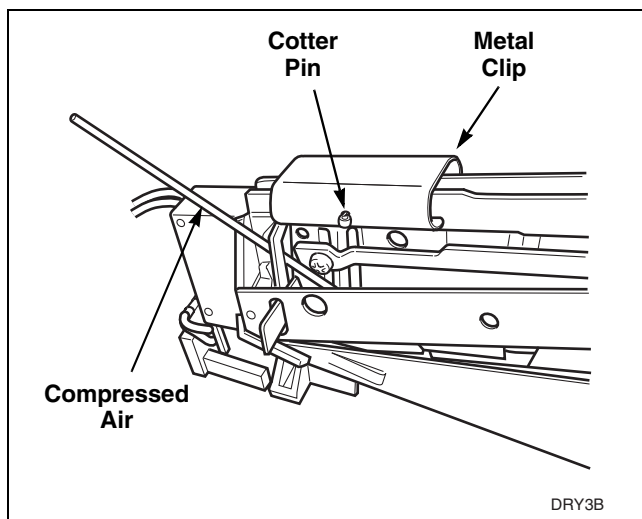


Figure 12

- Insert a coin through the coin drop. If coin does not roll through drop, continue with the following.
- Remove cotter pin from top of drop. Refer to *Figure 12*. Save pin for reinstallation when cleaning is complete.
- Move metal clip closer to sensor so that it comes off frame. Refer to *Figure 12*.

- Remove coin return from coin drop frame. Refer to *Figure 13*.

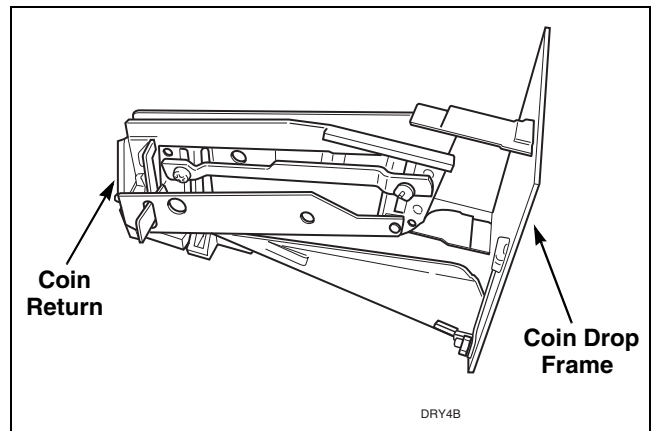


Figure 13

- Check coin path in coin drop for lint and residue. If lint or light residues are present, use a cotton swab to remove. If heavy residue is present, it may be necessary to first scrape off excessive residue and then use a cotton swab dipped in water or isopropyl alcohol (rubbing alcohol) to remove remainder of residue. Refer to *Figure 14*.

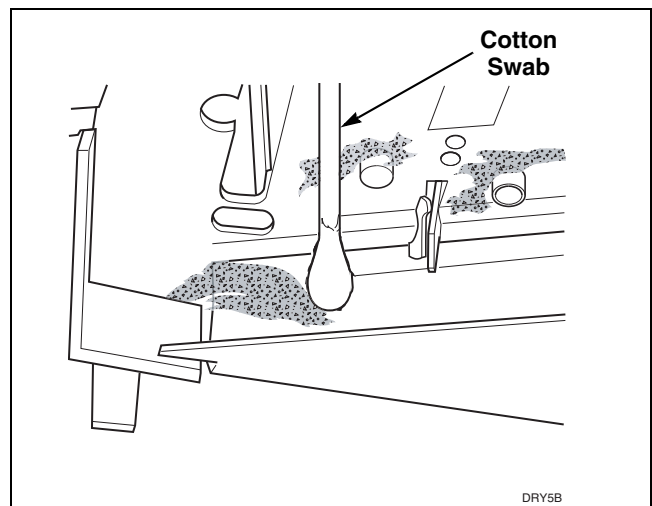


Figure 14



## 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

- i. Check coin return pendulum to verify it swings freely. If pendulum does not swing freely, spray pendulum pivot point with Teflon based lubricant and move pendulum back and forth two to three times. An additional application of Teflon based lubricant may be necessary to ensure that pendulum swings freely. Refer to *Figure 15*.

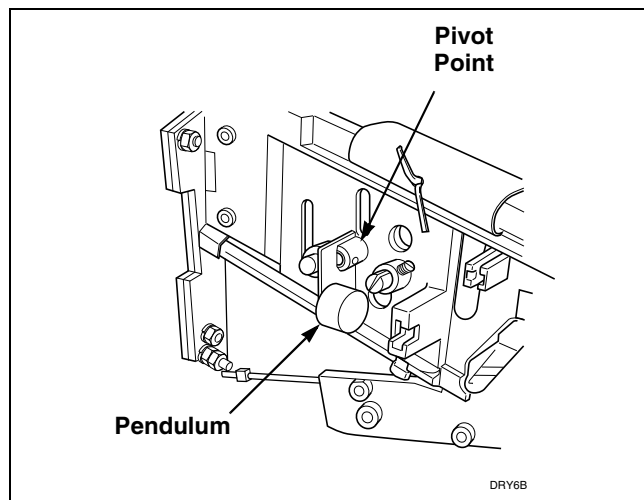


Figure 15

- j. Check coin drop sensor for dust or dirt on eyes. Wipe eyes with dry cotton swab. Refer to *Figure 16*.

**IMPORTANT: DO NOT use isopropyl alcohol to clean electronic sensor or eyes.**

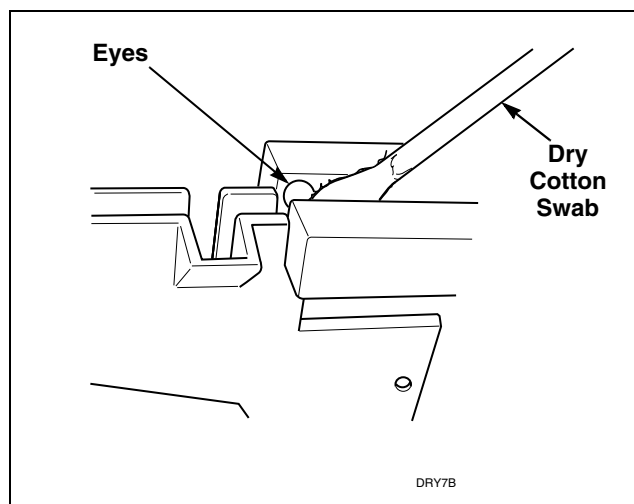


Figure 16

- k. Reinstall coin return on to coin drop frame.
- l. Reinstall metal clip and slide towards coin insert slot. All cotter pin holes must line up.
- m. Reinstall cotter pin.
- n. Place drop on level surface to verify that coins follow correct path in drop. It may be necessary to lift drop to allow coin to follow through sensor.
- o. Reinstall coin drop into machine.
- p. Reconnect electrical power to machine and drop.
- q. Add a coin to drop to verify that coin drop is operating properly and that electrical connection is working properly.

**NOTE: If coin drop does not operate properly after above steps have been completed, corrosion of metal or vandalized components within coin drop may be preventing the coin drop from functioning correctly. Replace coin drop.**



## 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. Cleaning Electronic Coin Drop

**NOTE:** The electronic coin drop should be cleaned once a year. Clean the drop more often if it is exposed to high levels of residue or lint build-up.

- Disconnect electrical power to machine and drop.
- Remove coin drop from machine.
- Check the spring style of coin drop.

**Coin Drops with Old-Style Spring (refer to Figure 17):**

- (1) Move spring downward until cover catch is free. Refer to Figure 17.

**NOTE:** Do not lift or overbend the spring in any direction.

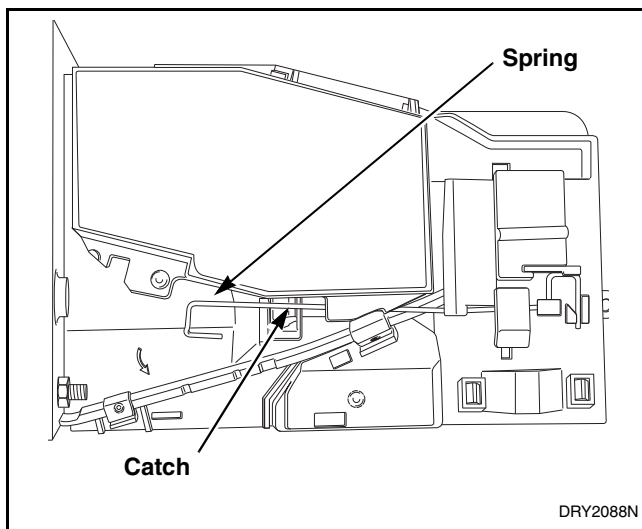


Figure 17

- (2) Open cover for coin drop. Refer to Figure 18.

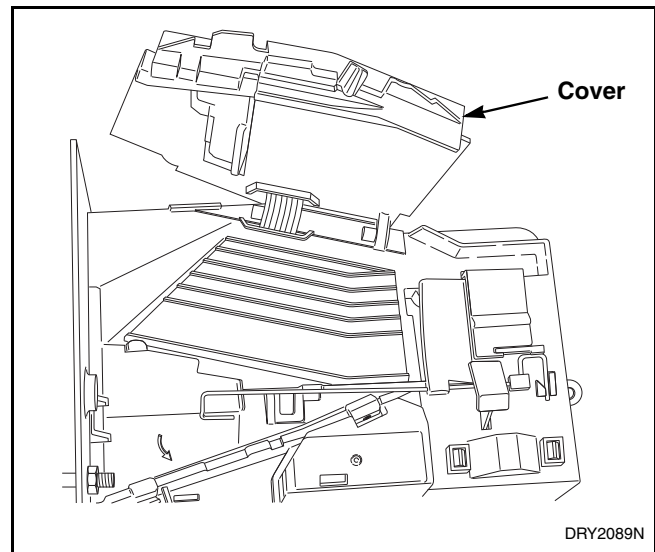


Figure 18

**Coin Drops with New-Style Spring (refer to Figure 19):**

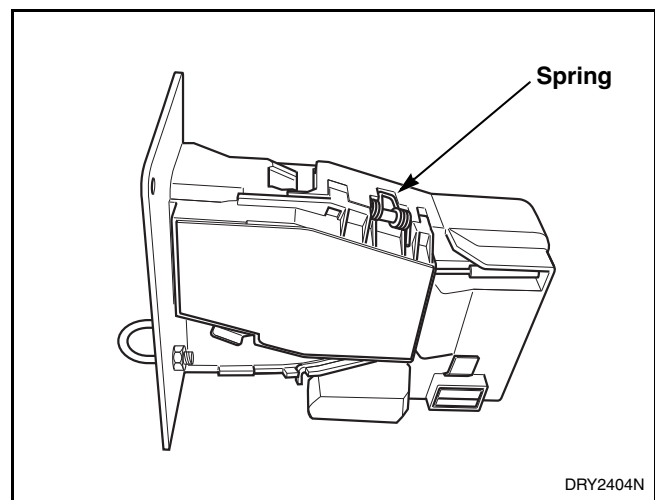


Figure 19

- (3) Open cover of coin drop. Refer to Figure 20.



## 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

**NOTE:** Do not overbend the spring by opening cover too far.

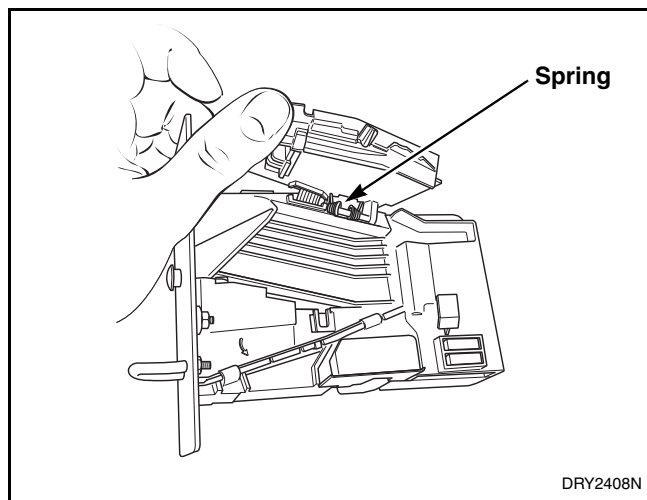


Figure 20

- d. Clean the coin path with a soft brush and wipe exposed surfaces with an alcohol moistened cloth. Refer to *Figure 21* or *Figure 22*.

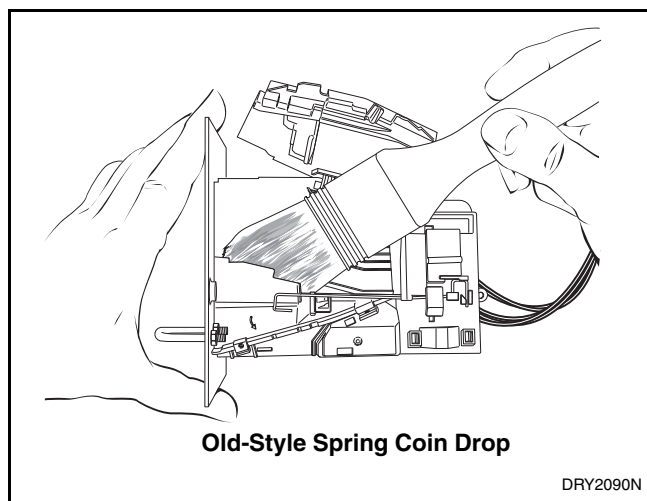


Figure 21

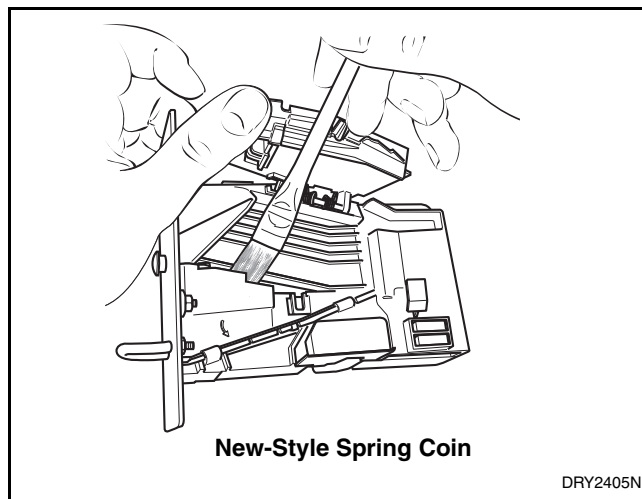


Figure 22

- e. Clean residue from coin rail with an alcohol moistened cloth. Refer to *Figure 23*.

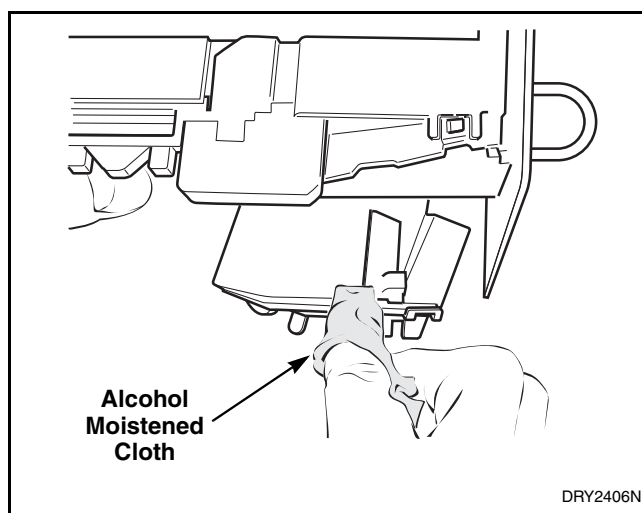


Figure 23



## 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

- f. Clean light sensors with a soft brush or air spray duster. Refer to *Figure 24*.

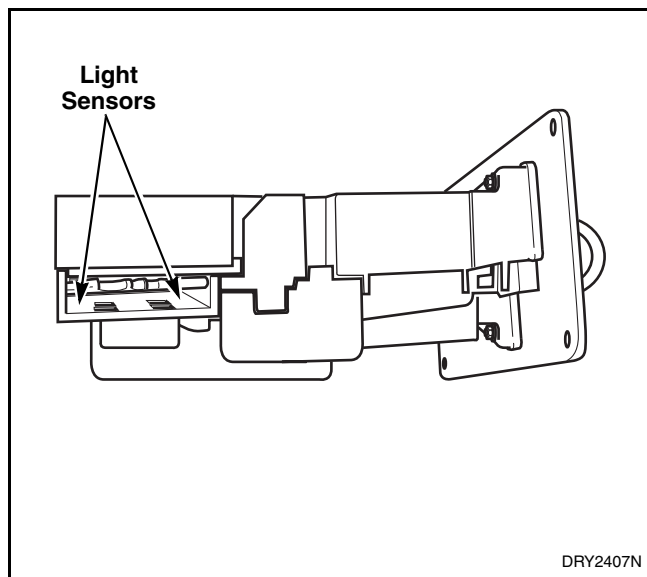


Figure 24

- g. Close cover for coin drop.
- h. **Coin Drops with OLD-Style Spring** - Move spring back over cover catch.
- i. Reinstall coin drop into machine.
- j. Reconnect electrical power to machine and drop.
- k. Add a coin to drop to verify that coin drop is operating properly and that electrical connection is working properly.



# 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.

### 30. Timer Contacts

Refer to *Figure 25*.

- Disconnect wires from timer, except timer motor wires.

**NOTE:** Refer to wiring diagram when rewiring timer.

- While supporting timer, remove screws holding timer to control cabinet.
- Pull timer out through control panel opening as far as wires will permit.
- Manually rotate timer out of “OFF” position and into cycle.
- Set test meter to read Ohms. The following readings should be found:
  - (1) Motor circuit test – L1 and M = “zero” Ohms (closed)
  - (2) Heat circuit test – L2 and H = “zero” Ohms (closed)
  - (3) Timer motor test – T and M (1702 and 1709 suffix models) or T and N (all other models) = approximately 2460-3100 Ohms or apply live power to timer motor terminals and motor should run.

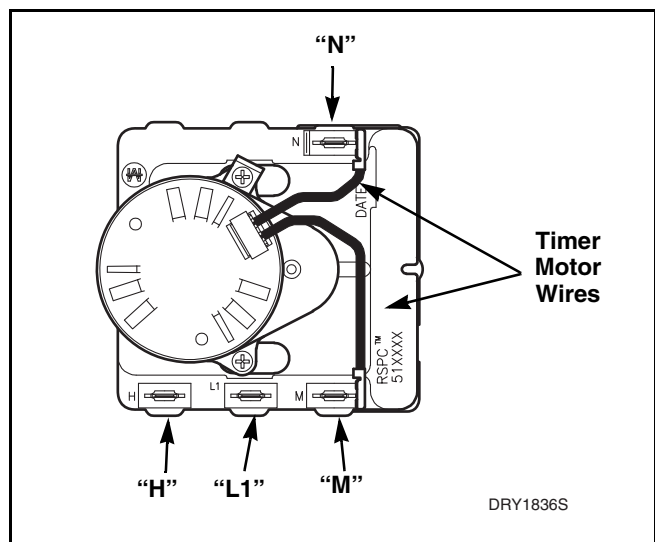


Figure 25

**NOTE: Timer Motor Resistance:**  
**120 Volt, 60 Hz** 2,460 – 3,100 Ohms  
**240 Volt** 10,900 – 13,000 Ohms  
**24 Volt** 80 – 130 Ohms

- Rotate timer to “cooldown” (5 minutes before “OFF”). “Infinite” (open) reading should be found between L2 and H.
- Rotate timer to “OFF” position. “Infinite” (open) reading should be found between L1 and M and between L2 and H.

**NOTE:** Timer motor power is supplied through M (1702 and 1709 models) or N (all other models) terminal.



## 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

### 31. Fabric Selector Switch

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

- 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 (No Heat)	–	–
Delicate	X	X
Perm. Press	–	X
Normal (Regular)	–	X
X indicates closed		

FABRIC SELECTOR SWITCH – 3 Position			
	L1-2	L1-3	L1-1
Fluff (No Heat)	–	X	–
Delicate	X	–	X
Regular/Perm. Press	X	–	–
X indicates closed			



## 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. Drive Motor

Refer to *Figure 26*.

- Remove motor and exhaust assembly.
- Disconnect motor wire harness at motor disconnect block.

**NOTE:** Refer to wiring schematic, Section 11, for internal motor switch wires.

**NOTE:** Drive Motor Resistance

120 Volt 2,460 – 3,100 Ohms

240 Volt 10,000 - 13,000 Ohms

24 Volt 80-130 Ohms

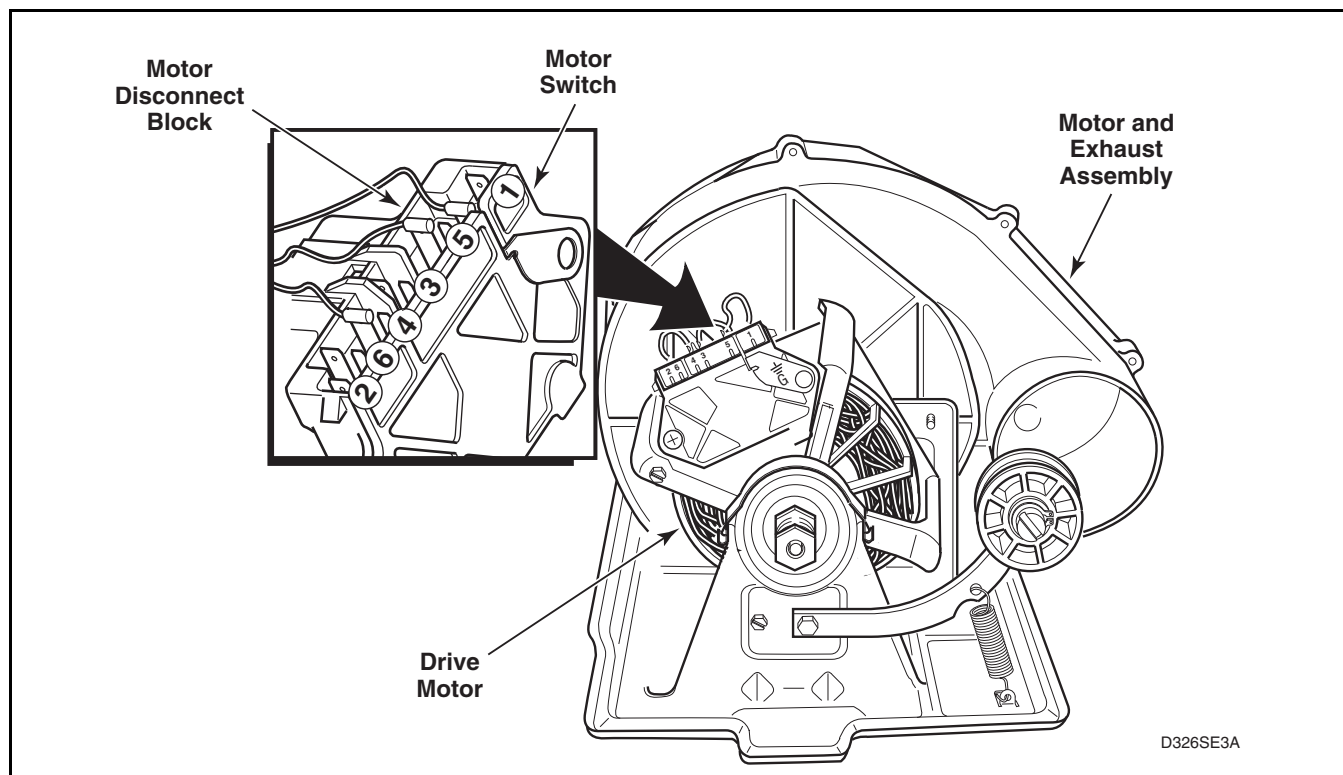


Figure 26



## 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

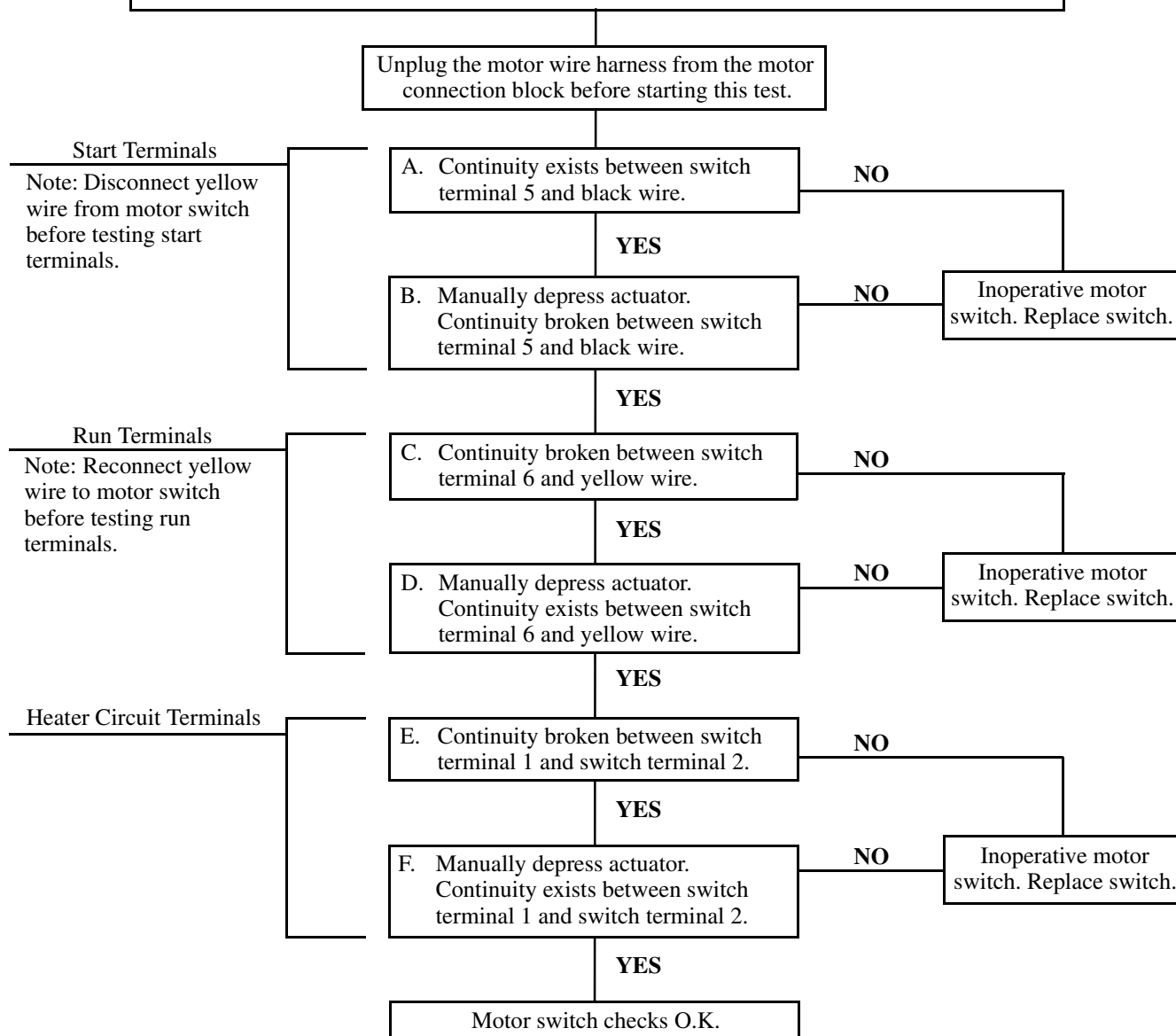
### c. Motor Switch (Refer to SECTION 8 for Internal Wiring of the Dryer Motor Switch.)




## WARNING


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

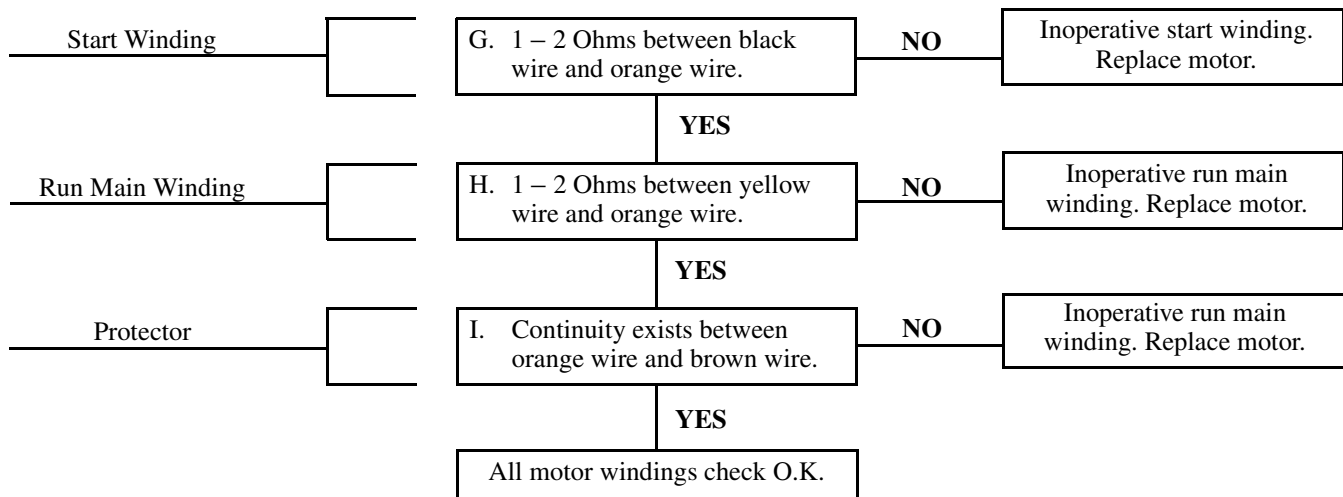
W260



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

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

	<h2 style="margin: 0;">WARNING</h2>
<p><b>Disconnect electric power to dryer before performing any of the following steps or when replacing inoperative motor switch.</b></p>	
<small>W260</small>	





## 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

### 33. Accumulator (Metered Models)

**NOTE:** Refer to wiring diagram when rewiring switches.

- 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).

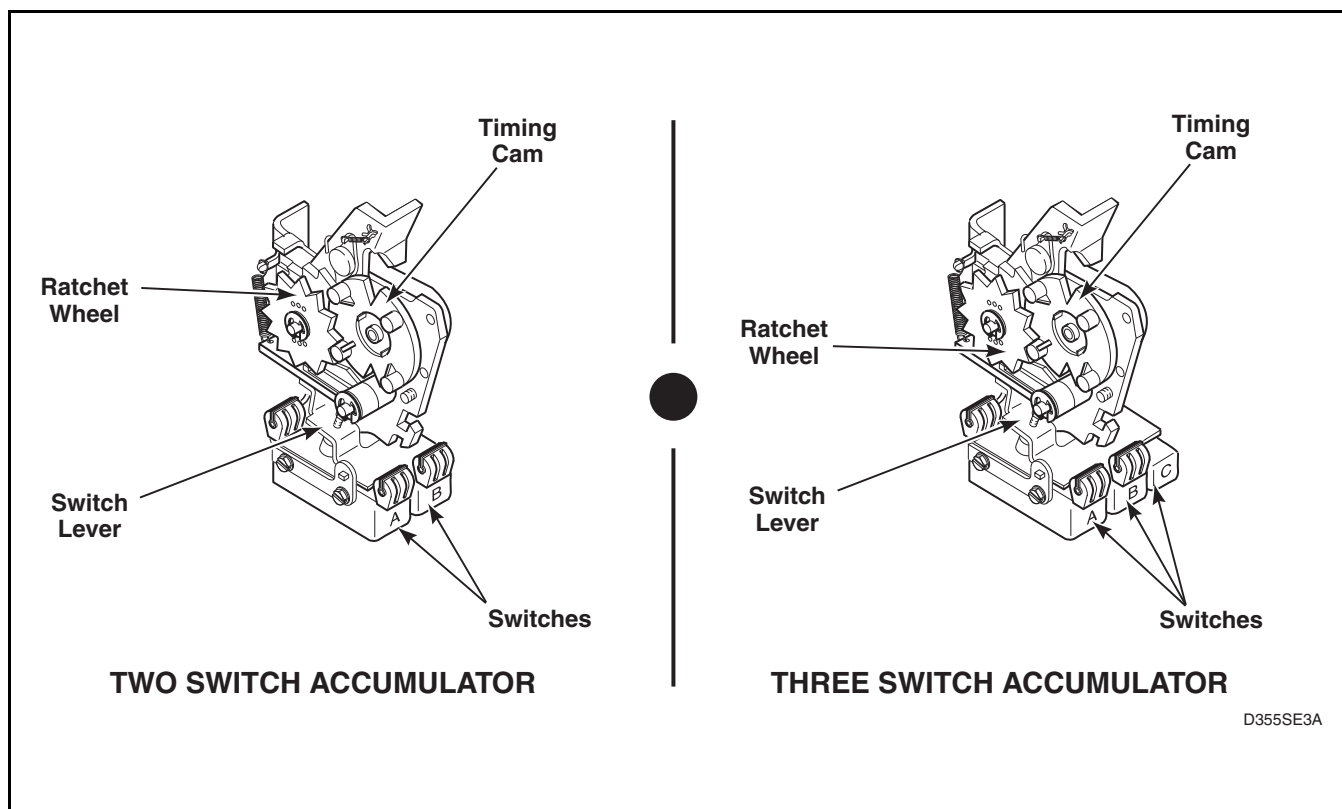


Figure 27



## 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

### 34. Motor Switch

- Remove motor and exhaust fan assembly.
- Remove the two motor switch attaching screws.  
Refer to *Figure 32*. Disconnect switch leads.  
Remove motor switch.
- Remove thermal overload protector.

**NOTE:** The thermal overload protector is unique to the motor from which it was removed and should only be used on that motor. To reduce the risk of overheating the motor, do not use any thermal overload protector other than the one taken from the inoperative motor switch in step 3.

#### (1) Motor with Switch on Blower End

Using a small bladed screwdriver, press the thermal overload protector mounting tab downward and remove the thermal overload protector from the inoperative motor switch. Refer to *Figure 28*.

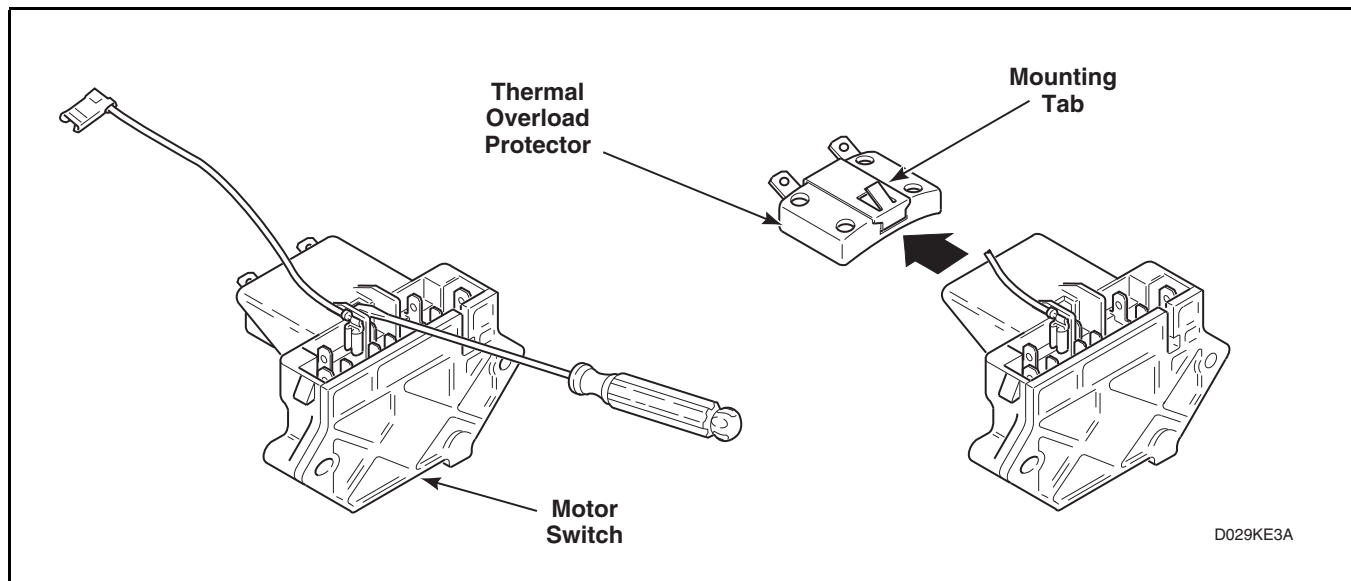


Figure 28



## 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

### (2) Motor with switch on pulley end

Press the tip of a small bladed screwdriver into the slot located between top of motor switch and plastic clip. Lift up on handle of screwdriver until both clip and thermal overload protector detach from motor switch. Refer to *Figure 29*.

- Attach the thermal overload protector removed in Step “c” to the new motor switch.
- Install new motor switch onto motor and reconnect motor switch leads removed in Step “b”. Refer to *Figure 32*.

f. Test motor switch by following the step-by-step procedures included in *Paragraph 32*.

- Before reinstalling the motor assembly, apply power (120 VAC) directly to motor terminals 4 and 5. Then start and run the motor at least 6 times, making sure the motor and switch are operating properly.

**NOTE: The dryer manufacturer and parts suppliers are not liable for improper switch installation.**

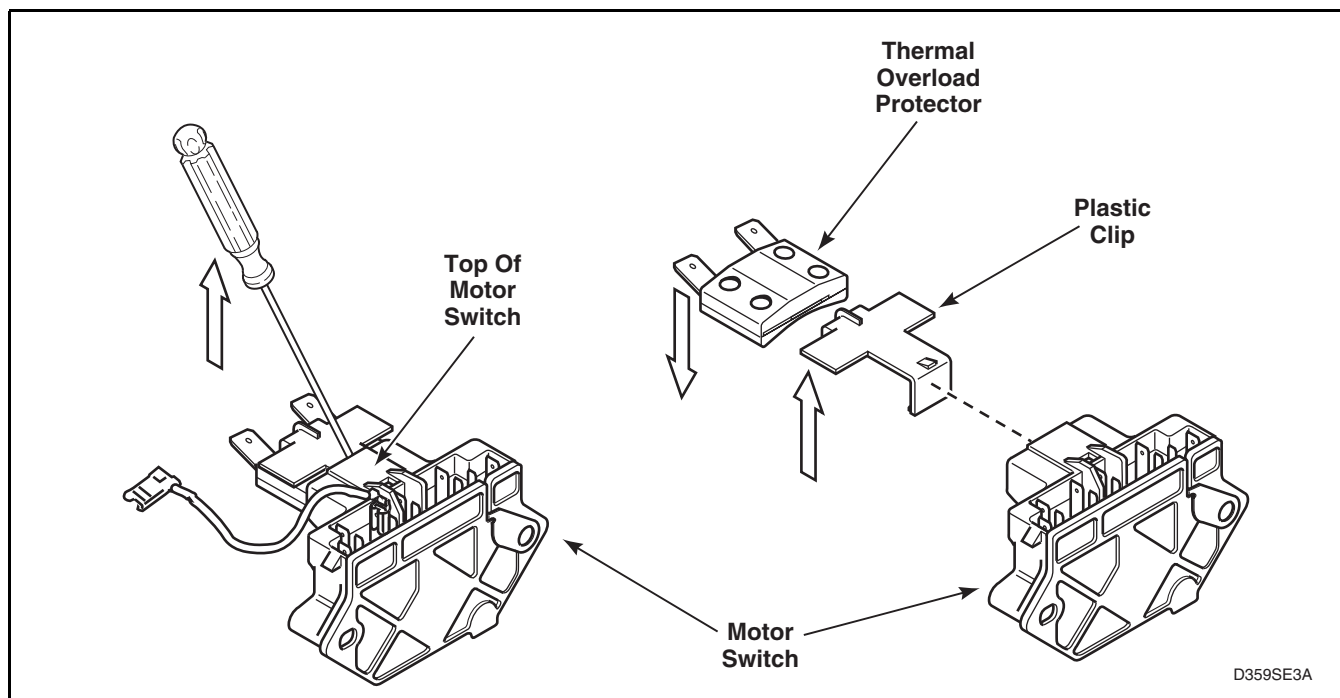


Figure 29





## 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

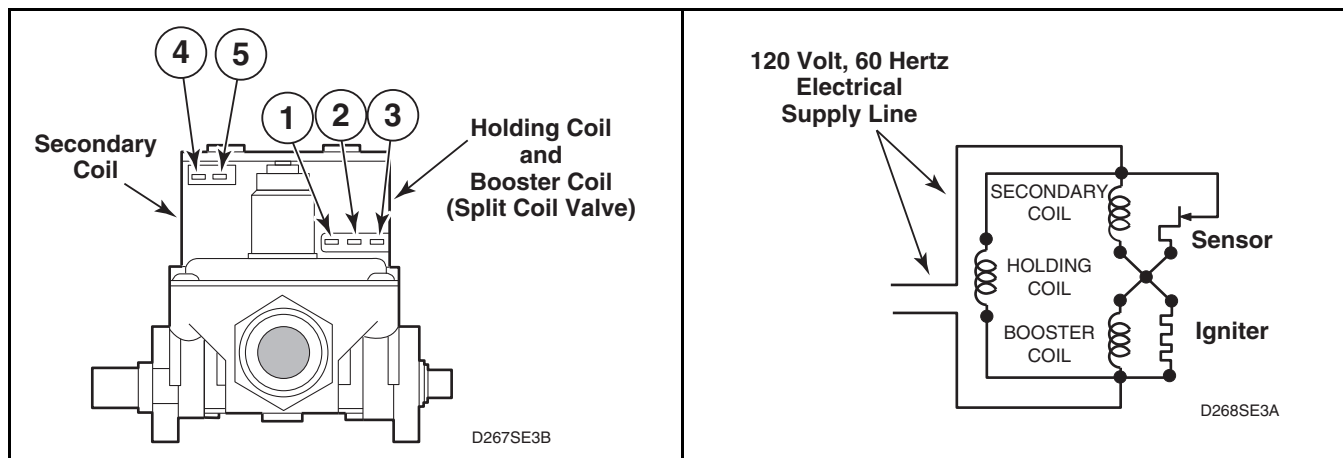


Figure 30

## 35. Burner System Operation (Gas Models)

Refer to *Figure 30*.

### a. Components

This burner has four basic components: a silicon carbide (glow bar) igniter, burner tube, 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, 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 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 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, 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 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 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 sensor contacts open, secondary valve will remain open until sensor contacts re-close. Sensor will continue to recycle the igniter and secondary valve (about once per minute) until ignition is made or dryer is turned off.

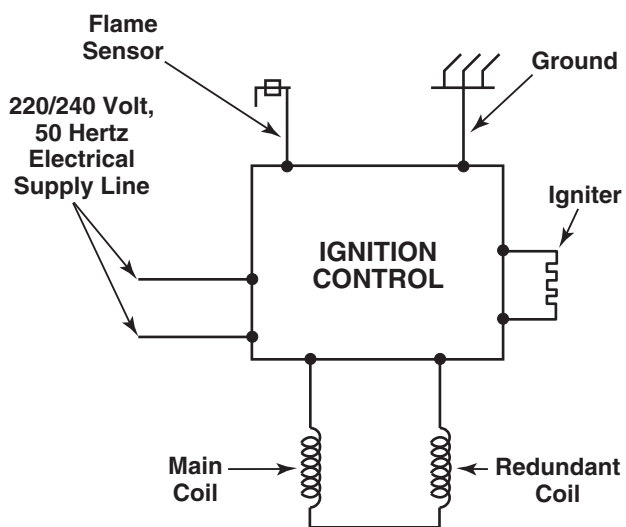
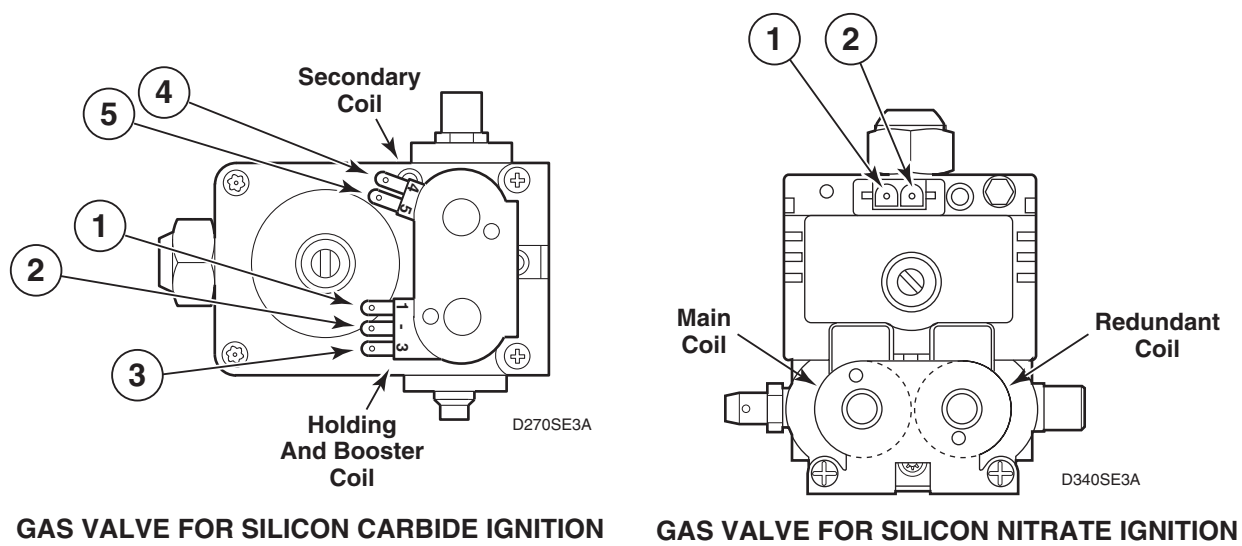


Figure 31



## 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. Electrical Circuit To Ignition System (Gas Models)

- While supporting the access panel, remove two screws from bottom edge of access panel.
- Gently lower the access panel to disengage locators from bottom edge of front panel.
- Close main gas shut-off valve. Refer to *Figure 11*.
- Remove valve wire harness disconnect block from the holding and booster coil. Refer to *Figure 31*.
- 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. *Figure 30*. Meter should register line voltage in all temperature settings, except FLUFF (NO HEAT) which should read "zero" VAC.
- If meter does not read line voltage in step "f", check motor switch, thermostats, fabric switch, accumulator, or timer.



## 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

### 37. Gas Valve Coils Check (Gas Models)

- While supporting the access panel, remove two screws from bottom edge of access panel.
- Gently lower the access panel to disengage locators from bottom edge of front panel.
- Close main gas shut-off valve. Refer to *Figure 11*.
- Remove disconnect blocks from gas valve coils.
- Set test meter to read Ohms and put meter probes to terminals shown in *Figure 31*, and in the following chart.

#### Silicon Carbide Ignition:

##### COIL TOLERANCE READINGS

Meter probes to terminals:	Meter should read:	
	50 Hertz	60 Hertz
Holding Coil – Terminals 1 & 2	1700 ± 285 Ohms	1365 ± 230 Ohms
Booster Coil – Terminals 1 & 3	685 ± 115 Ohms	560 ± 100 Ohms
Secondary Coil – Terminals 4 & 5	1680 ± 285 Ohms	1325 ± 230 Ohms

#### Silicon Nitride Ignition:

Both coils should read between 2400-2800 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

### 38. Sensor Check (Gas Models)

- 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. Close main gas shut-off valve. Refer to *Figure 11*.
- d. Remove wires from sensor terminals.
- e. 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.

### 39. Igniter Check (Gas Models)

- 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. Close main gas shut-off valve. Refer to *Figure 11*.
- d. Disconnect igniter wires at disconnect block.
- e. Set test meter to read Ohms and put meter probes on terminals of igniter wires.
- f. **Silicon Carbide Igniter:** Meter should read between 45 – 200 Ohms.  
**Silicon Nitride Igniter:** Meter should read between 49 – 88 Ohms.

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

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

### 40. Ignition Control Grounding Check (Silicon Nitride Ignition)

- 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. Close main gas shut-off valve. Refer to *Figure 11*.
- d. Remove wires from sensor terminals.
- e. Set test meter to read Ohms and put meter probes on the ground wire connection in 12-pin block (connected to module) and on the green ground screw in base of dryer.
- f. Meter should read “zero” Ohms. If meter registers an Ohm reading of any amount, check ground wire connection and replace as necessary.

### 41. Thermal Fuse (Electric Models)

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

**NOTE:** Refer to 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.



## 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

## 42. Heater Assembly (Electric Models)

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

**NOTE: Refer to 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).

Heater Element Color Code	KW	Voltage/Hz.	Resistance Reading
Red	5	240 V 60 Hz.	10.39 ± .31 Ohms Cold
White	4.75	208 V 60 Hz.	8.2 ± .5 Ohms Cold
Green	4.8	240 V 50 Hz.	10.75 ± .32 Ohms Cold
Yellow	4	240 V 50 Hz.	13.03 ± .39 Ohms Cold
Blue	3.1	240 V 50 Hz.	16.7 ± .5 Ohms Cold
Orange	5.35	240 V 60 Hz.	9.72 ± .3 Ohms Cold
Purple	4.25	208 V 60 Hz.	9.27 ± .3 Ohms Cold

## 43. Cycling or Limit Thermostat

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

**NOTE: Refer to wiring diagram when rewiring thermostat.**

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

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

### e. Cycling Thermostat (S.P.D.T. – 3 Terminals)

- (1) Set meter to read Ohms.
- (2) Apply meter probes to terminals 1 and 3. Meter should read “zero”.
- (3) Remove screws holding thermostat to blower fan cover.
- (4) Heat thermostat with a small flame until a distinct “click” is heard, then immediately apply meter probes to terminals 1 and 2. Meter should read “zero”.

## 44. Door Switch

- 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 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.
- d. Disconnect wires from door switch.

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

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

### 45. Thermistor

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

**NOTE: Refer to wiring diagram when rewiring thermistor.**

- d. Set meter to read Ohms.
- e. Apply meter probes to the thermistor terminals.
- f. Meter should read that resistance is present (thermistor is not open).

# 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

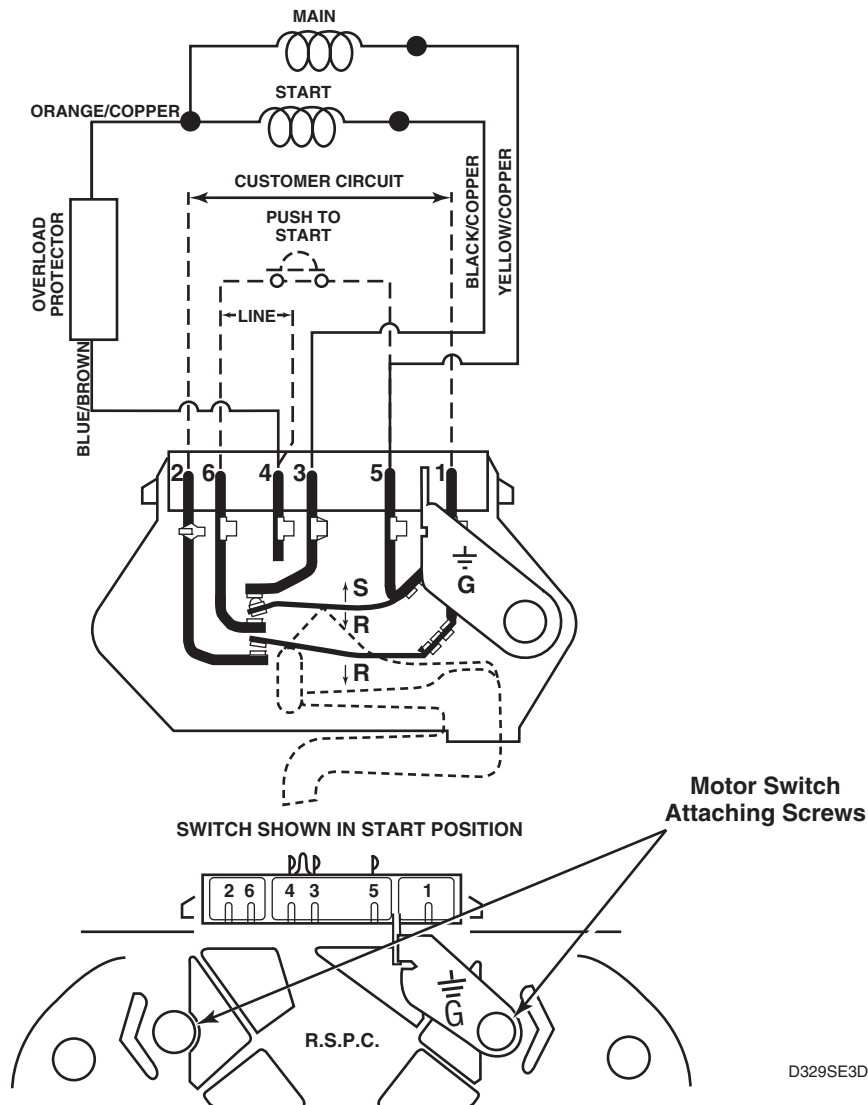


Figure 32