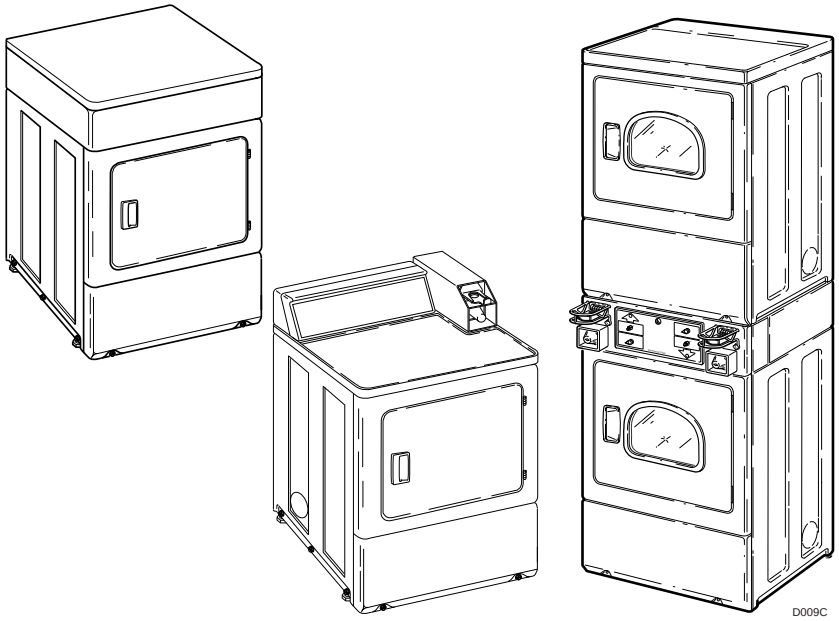
Single and Stacked Dryers

Refer to Page 6 for Model Numbers



DRY692C

Troubleshooting

Alliance Laundry Systems

www.alliancelaundry.com

Part No. 505893R5
January 2016

Table of Contents

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.

WARNING

- **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.**
- **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.**
- **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.**

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

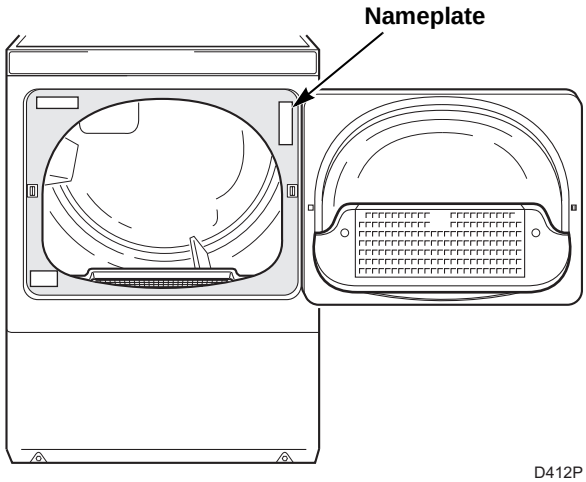
Customer Service

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.



Model Identification

Information in this manual is applicable to these dryers.

Model Number	Nonmetered Model	Counter	Coin Slide Ready	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Card Reader Installed	Electromechanical Control	Electronic Display Control	MDC Control	NetMaster Control	Central Pay	Coin Slide Control	Electric Heat	Gas Heat
BDE807*F	X													X	
BDE907*F			X										X	X	
BDEBEFGS171CN01					X					X				X	
BDEBEFGS171CW01					X					X				X	
BDEBEFGS171TN01					X					X				X	
BDEBEFGS171TW01					X					X				X	
BDEBLFGS431AW01										X		X		X	
BDET07*F					X					X				X	
BDG809*F1102	X														X
BDG909*F1102			X										X		X
BDGBEFGS111CN01					X					X					X
BDGBEFGS111CW01					X					X					X
BDGBEFGS111TN01					X					X					X
BDGBEFGS111TW01					X					X					X
BDGBLFGS301AW01										X		X			X
BDGT09*F					X					X					X
BFEL07*G4018										X		X		X	
BFEX07*F				X						X				X	
BFEX07*F4350				X						X				X	
BFEX07*G4018				X						X				X	
BFGL09*M3013										X		X			X
BFGX09*F				X						X					X
BFGX09*F3060				X						X					X
BFGX09*M3013				X						X					X
BSE807*F	X													X	
BSE907*F			X										X	X	
BSG809*F	X														X
BSG909*F			X										X		X
FDE807*G3018	X													X	
FDE807*G4018	X													X	
GDE807*F5418	X													X	
GDE807*G3018	X													X	
GDE907*G3018			X										X	X	
GFEG17NG3018	X									X				X	

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

Model Number	Nonmetered Model	Counter	Coin Slide Ready	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Card Reader Installed	Electromechanical Control	Electronic Display Control	MDC Control	NetMaster Control	Central Pay	Coin Slide Control	Electric Heat	Gas Heat
GFEG17NG4018	X									X				X	
GFEX17NG3018				X						X				X	
GFEX17NG4018				X						X				X	
GFEY17NG3018						X				X				X	
GFEY17NG4018						X				X				X	
GFGG19NM3020	X									X					X
GFGX19NM3020				X						X					X
GFGY19NM3020						X				X					X
HDE007*F	X													X	
HDE007*F1702	X													X	
HDE007*F3000	X													X	
HDE007*G3003	X													X	
HDE007*G3008	X													X	
HDE007*G3010	X													X	
HDE007*G4008	X													X	
HDE007*G4010	X													X	
HDE107*F			X					X						X	
HDE107*F1502			X					X						X	
HDE107*F1702			X					X						X	
HDE107*F3000			X					X						X	
HDE107*G3003			X					X						X	
HDE107*G3018			X					X						X	
HDE107*G4018			X					X						X	
HDE507*F1502					X				X					X	
HDE507*F1702					X				X					X	
HDE707*F1502							X		X					X	
HDE707*F1702							X		X					X	
HDE807*F1702	X													X	
HDE907*F			X										X	X	
HDE907*F1502			X										X	X	
HDE907*F1702			X										X	X	
HDE907*G3018			X										X	X	
HDE907*G4018			X										X	X	
HDEB07*J1502					X					X				X	
HDEB07*J1702					X					X				X	
HDEB07*J99L1					X					X				X	

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

Model Number	Nonmetered Model	Counter	Coin Slide Ready	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Card Reader Installed	Electromechanical Control	Electronic Display Control	MDC Control	NetMaster Control	Central Pay	Coin Slide Control	Electric Heat	Gas Heat
HDEB07*J99L2					X					X				X	
HDEF07*J1502							X				X			X	
HDEF07*J1702							X				X			X	
HDER07*F1502					X					X				X	
HDER07*F1702					X					X				X	
HDET07*F					X					X				X	
HDET07*F1500					X					X				X	
HDET07*F1502					X					X				X	
HDET07*F1702					X					X				X	
HDEX07*F1502				X						X				X	
HDEX07*F1702				X						X				X	
HDEX07*F3000				X						X				X	
HDEX07*G3018				X						X				X	
HDEY07*F						X				X				X	
HDEY07*F1500						X				X				X	
HDEY07*F1502						X				X				X	
HDEY07*F1702						X				X				X	
HDEY07*F99N2						X				X				X	
HDEZ07*F					X					X				X	
HDEZ07*F1500					X					X				X	
HDEZ07*F1502					X					X				X	
HDEZ07*F1702					X					X				X	
HDG009*F	X														X
HDG009*F1102	X														X
HDG009*F3000	X														X
HDG009*G3008	X														X
HDG009*M3008	X														X
HDG109*F			X					X							X
HDG109*F1102			X					X							X
HDG109*F3000			X					X							X
HDG109*G3013			X					X							X
HDG109*M3013			X					X							X
HDG509*F1102					X				X						X
HDG709*F1102							X		X						X
HDG809*F1102	X														X
HDG909*F			X										X		X

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

Model Number	Nonmetered Model	Counter	Coin Slide Ready	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Card Reader Installed	Electromechanical Control	Electronic Display Control	MDC Control	NetMaster Control	Central Pay	Coin Slide Control	Electric Heat	Gas Heat
HDG909*F1102			X										X		X
HDGB09*J1102					X						X				X
HDGB09*J99L1					X						X				X
HDGF09*J1102							X				X				X
HDGR09*F1102					X					X					X
HDGT09*F					X					X					X
HDGT09*F1102					X					X					X
HDGX09*F1102				X						X					X
HDGX09*F3000				X						X					X
HDGX09*M3013				X						X					X
HDGY09*F						X				X					X
HDGY09*F1102						X				X					X
HDGZ09*F					X					X					X
HDGZ09*F1102					X					X					X
HFE167*G4018			X					X						X	
HFE507*F1702					X				X					X	
HFE707*F1702							X		X					X	
HFEB07*J1702					X					X				X	
HFEL47*G4018										X		X		X	
HFEL67*G4018										X		X		X	
HFEX07*F1702				X						X				X	
HFEY07*F1502						X				X				X	
HFEY07*F1702						X				X				X	
HFG509*F1102					X				X						X
HFG709*F1102							X		X						X
HFGX09*F1102				X						X					X
HFGX09*M3013				X						X					X
HFGY09*F1102						X				X					X
HSE117*F			X					X						X	
HSE117*F2802			X					X						X	
HSE117*F2902			X					X						X	
HSE517*F2802					X				X					X	
HSE517*F2902					X				X					X	
HSE717*F2802							X		X					X	
HSE717*F2902							X		X					X	
HSE917*F			X										X	X	

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

Model Number	Nonmetered Model	Counter	Coin Slide Ready	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Card Reader Installed	Electromechanical Control	Electronic Display Control	MDC Control	NetMaster Control	Central Pay	Coin Slide Control	Electric Heat	Gas Heat
HSE917*F2802			X										X	X	
HSE917*F2902			X										X	X	
HSEB17*J1500					X						X			X	
HSEB17*J2802					X						X			X	
HSEB17*J2902					X						X			X	
HSEB17*J99L1					X						X			X	
HSEB17*J99L2					X						X			X	
HSEF17*J2802							X				X			X	
HSEF17*J2902							X				X			X	
HSER17*F2802					X					X				X	
HSER17*F2902					X					X				X	
HSET17*F					X					X				X	
HSET17*F1500					X					X				X	
HSET17*F2802					X					X				X	
HSET17*F2902					X					X				X	
HSEX17*F2802				X						X				X	
HSEX17*F2902				X						X				X	
HSEY17*F						X				X				X	
HSEY17*F1500						X				X				X	
HSEY17*F2802						X				X				X	
HSEY17*F2902						X				X				X	
HSEY17*F99N2						X				X				X	
HSEZ17*F					X					X				X	
HSEZ17*F1500					X					X				X	
HSEZ17*F2802					X					X				X	
HSEZ17*F2902					X					X				X	
HSG119*F			X					X							X
HSG119*F0902			X					X							X
HSG519*F0902					X				X						X
HSG719*F0902							X		X						X
HSG919*F			X										X		X
HSG919*F0902			X										X		X
HSGB19*J0902					X						X				X
HSGB19*J99L1					X						X				X
HSGF19*J0902							X				X				X
HSGR19*F0902					X					X					X

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

Model Number	Nonmetered Model	Counter	Coin Slide Ready	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Card Reader Installed	Electromechanical Control	Electronic Display Control	MDC Control	NetMaster Control	Central Pay	Coin Slide Control	Electric Heat	Gas Heat
HSGT19*F					X					X					X
HSGT19*F0902					X					X					X
HSGX19*F0902				X						X					X
HSGY19*F						X				X					X
HSGY19*F0902						X				X					X
HSGZ19*F					X					X					X
HSGZ19*F0902					X					X					X
JDE807*F	X													X	
JDE807*F4350	X													X	
JDE807*F5418	X													X	
JDE807*G3018	X													X	
JDE907*F			X										X	X	
JDE907*F4350			X										X	X	
JDE907*G3018			X										X	X	
JDEBEFGW301EW01					X					X				X	
JDEBGFGW301EW01	X									X				X	
JDEBGFSW301EN01	X									X				X	
JDG809*F	X														X
JDG809*F3060	X														X
JDG809*M3013	X														X
JDG809*M3020	X														X
JDG909*F			X										X		X
JDG909*F3060			X										X		X
JDG909*M3013			X										X		X
JDG909*M3020			X										X		X
JDGBEFGW301EW01					X					X					X
JDGBGFGW301EW01	X									X					X
JDGBGFSW301EN01	X									X					X
JSE807*F	X													X	
JSE807*F4350	X													X	
JSE907*F			X										X	X	
JSE907*F4350			X										X	X	
JSEBEFGW301EW01					X					X				X	
JSEBGFGW301EW01	X									X				X	
JSG809*F	X														X
JSG809*F3060	X														X

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

Model Number	Nonmetered Model	Counter	Coin Slide Ready	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Card Reader Installed	Electromechanical Control	Electronic Display Control	MDC Control	NetMaster Control	Central Pay	Coin Slide Control	Electric Heat	Gas Heat
JSG909*F			X										X		X
JSG909*F3060			X										X		X
JSGBEFGW301EW01					X					X					X
JSGBGFGW301EW01	X									X					X
KFEG17NF	X									X				X	
KFEG17NF1702	X									X				X	
KFEG17NG3018	X									X				X	
KFEG17NG4018	X									X				X	
KFET17NF					X					X				X	
KFET17NF1702					X					X				X	
KFEX17NG3018				X						X				X	
KFEX17NG4018				X						X				X	
KFEY17NF						X				X				X	
KFEY17NF1702						X				X				X	
KFEY17NG3018						X				X				X	
KFEY17NG4018						X				X				X	
KFGG19NF	X									X					X
KFGG19NF1102	X									X					X
KFGG19NM3020	X									X					
KFGT19NF					X					X					X
KFGT19NF1102					X					X					X
KFGX19NM3020				X						X					X
KFGY19NF						X				X					X
KFGY19NF1102						X				X					X
KFGY19NM3020						X				X					X
NDE007*G3018	X													X	
NDE007*G4018	X													X	
NDE807*F3022	X													X	
NDE807*F5422	X													X	
NDE807*G3018	X													X	
NDE807*G4018	X													X	
NDE907*F3022			X										X	X	
NDE907*F5422			X										X	X	
NDG809*F3022	X														X
NDG809*F5422	X														X
NDG909*F3022			X										X		X

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

Model Number	Nonmetered Model	Counter	Coin Slide Ready	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Card Reader Installed	Electromechanical Control	Electronic Display Control	MDC Control	NetMaster Control	Central Pay	Coin Slide Control	Electric Heat	Gas Heat
NDG909*F5422			X										X		X
NFEL47*G4018										X		X		X	
NFEL67*G4018										X		X		X	
NFEX07*G3018				X						X				X	
NFEX07*G4018				X						X				X	
NFGL49*M3013										X		X			X
NFGX09*M3013				X						X					X
NSE817*F5422	X													X	
NSE917*F3022			X										X	X	
NSE917*F5422			X										X	X	
NSEBXFGW301NW22				X						X				X	
NSG919*F3022			X										X		X
NSGBXFGW301NW22				X						X					X
PDE807*G3018	X													X	
PDE807*G4018	X													X	
PDG809*M3013	X														X
SDE007*F	X													X	
SDE007*F1500	X													X	
SDE007*F3000	X													X	
SDE007*F4350	X													X	
SDE007*G3018	X													X	
SDE107*F			X					X						X	
SDE107*F1500			X					X						X	
SDE107*F1724			X					X						X	
SDE107*F3000			X					X						X	
SDE107*F4350			X					X						X	
SDE107*F5412			X					X						X	
SDE107*F5417			X					X						X	
SDE107*F99L6			X					X						X	
SDE107*F99L7			X					X						X	
SDE107*G3018			X					X						X	
SDE107*G4018			X					X						X	
SDE307*F		X	X					X						X	
SDE307*F1500		X	X					X						X	
SDE407*F				X					X					X	
SDE407*F1500				X					X					X	

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

Model Number	Nonmetered Model	Counter	Coin Slide Ready	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Card Reader Installed	Electromechanical Control	Electronic Display Control	MDC Control	NetMaster Control	Central Pay	Coin Slide Control	Electric Heat	Gas Heat
SDE407*F3000				X					X					X	
SDE407*F4350				X					X					X	
SDE507*F					X				X					X	
SDE507*F1500					X				X					X	
SDE607*F						X			X					X	
SDE607*F1500						X			X					X	
SDE707*F							X		X					X	
SDE707*F1500							X		X					X	
SDE807*F	X													X	
SDE807*F1500	X													X	
SDE807*F3000	X													X	
SDE807*F4350	X													X	
SDE907*F			X										X	X	
SDE907*F1500			X										X	X	
SDE907*F1724			X										X	X	
SDE907*F3000			X										X	X	
SDE907*F4350			X										X	X	
SDE907*F5412			X										X	X	
SDE907*G3018			X										X	X	
SDE907*G4018			X										X	X	
SDEA07*J				X							X			X	
SDEA07*J1500				X							X			X	
SDEA07*J3000				X							X			X	
SDEA07*J4350				X							X			X	
SDEB07*J					X						X			X	
SDEB07*J1500					X						X			X	
SDEBCRGS171TW02					X					X				X	
SDEBXRGS171TW02				X						X				X	
SDEC07*J						X					X			X	
SDEF07*J							X				X			X	
SDEF07*J1500							X				X			X	
SDEF07*J4350							X				X			X	
SDEH07*J					X						X			X	
SDEH07*J1500					X						X			X	
SDESXRGS171TW02			X										X	X	
SDET07*F					X					X				X	

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

Model Number	Nonmetered Model	Counter	Coin Slide Ready	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Card Reader Installed	Electromechanical Control	Electronic Display Control	MDC Control	NetMaster Control	Central Pay	Coin Slide Control	Electric Heat	Gas Heat
SDET07*F1500					X					X				X	
SDEX07*F				X						X				X	
SDEX07*F1500				X						X				X	
SDEX07*F3000				X						X				X	
SDEX07*F4350				X						X				X	
SDEX07*G3018				X						X				X	
SDEX07*G4018				X						X				X	
SDEY07*F						X				X				X	
SDEY07*F1500						X				X				X	
SDEZ07*F					X					X				X	
SDEZ07*F1500					X					X				X	
SDG009*F	X														X
SDG009*F3000	X														X
SDG009*F3058	X														X
SDG009*F3060	X														X
SDG109*F			X					X							X
SDG109*F1124			X					X							X
SDG109*F3058			X					X							X
SDG109*F3060			X					X							X
SDG109*F5412			X					X							X
SDG109*F99L6			X					X							X
SDG109*F99L7			X					X							X
SDG109*G3013			X					X							X
SDG109*M3013			X					X							X
SDG309*F		X	X					X							X
SDG409*F				X					X						X
SDG409*F3000				X					X						X
SDG409*F3058				X					X						X
SDG509*F					X				X						X
SDG609*F						X			X						X
SDG709*F							X		X						X
SDG809*F	X														X
SDG809*F3060	X														X
SDG909*F			X										X		X
SDG909*F1124			X										X		X
SDG909*F3060			X										X		X

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

Model Number	Nonmetered Model	Counter	Coin Slide Ready	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Card Reader Installed	Electromechanical Control	Electronic Display Control	MDC Control	NetMaster Control	Central Pay	Coin Slide Control	Electric Heat	Gas Heat
SDG909*F5412			X										X		X
SDG909*M3013			X										X		X
SDGA09*J				X							X				X
SDGB09*J					X						X				X
SDGBCRGS111TW02					X					X					X
SDGBXRGS111TW02				X						X					X
SDGC09*J						X					X				X
SDGF09*J							X				X				X
SDGF09*J3060							X				X				X
SDGH09*J					X						X				X
SDGSXRGS111TW02			X										X		X
SDGT09*F					X					X					X
SDGX09*F				X						X					X
SDGX09*F3000				X						X					X
SDGX09*F3060				X						X					X
SDGX09*M3013				X						X					X
SDGY09*F						X				X					X
SDGZ09*F					X					X					X
SFE107*F			X					X						X	
SFE407*F				X					X					X	
SFE507*F					X				X					X	
SFE507*F1500					X				X					X	
SFE707*F							X		X					X	
SFEA07*G3018				X							X			X	
SFEB07*J					X						X			X	
SFEF07*J							X				X			X	
SFEL07*G4018										X		X		X	
SFEL67*G4018										X		X		X	
SFET07*F					X					X				X	
SFEX07*F				X						X				X	
SFEX07*F3300				X						X				X	
SFEX07*F4350				X						X				X	
SFEX07*G3018				X						X				X	
SFEX07*G4018				X						X				X	
SFEX67*G4018				X						X				X	
SFEY07*F						X				X				X	

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

Model Number	Nonmetered Model	Counter	Coin Slide Ready	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Card Reader Installed	Electromechanical Control	Electronic Display Control	MDC Control	NetMaster Control	Central Pay	Coin Slide Control	Electric Heat	Gas Heat
SFEY07*G4018						X				X				X	
SFEZ07*F					X					X				X	
SFG109*F			X					X							X
SFG409*F				X					X						X
SFG509*F					X				X						X
SFG709*F							X		X						X
SFGB09*J					X						X				X
SFGF09*J							X				X				X
SFGL09*M3013										X		X			X
SFGT09*F					X					X					X
SFGX09*F				X						X					X
SFGX09*M3013				X						X					X
SFGY09*F						X				X					X
SFGZ09*F					X					X					X
SGD109*F3000			X					X							X
SSE007*F	X							X						X	
SSE007*F1500	X							X						X	
SSE007*F3000	X							X						X	
SSE007*F4350	X							X						X	
SSE007*F99H2	X							X						X	
SSE107*F			X					X						X	
SSE107*F1500			X					X						X	
SSE107*F1724			X					X						X	
SSE107*F99L6			X					X						X	
SSE107*F99L7			X					X						X	
SSE107*G3018			X					X						X	
SSE117*F			X					X						X	
SSE117*F1500			X					X						X	
SSE117*F3000			X					X						X	
SSE117*F4350			X					X						X	
SSE117*F5412			X					X						X	
SSE117*G3018			X					X						X	
SSE307*F		X	X					X						X	
SSE307*F1500		X	X					X						X	
SSE417*F				X					X					X	
SSE417*F3000				X					X					X	

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

Model Number	Nonmetered Model	Counter	Coin Slide Ready	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Card Reader Installed	Electromechanical Control	Electronic Display Control	MDC Control	NetMaster Control	Central Pay	Coin Slide Control	Electric Heat	Gas Heat
SSE417*F4350				X					X					X	
SSE507*F					X				X					X	
SSE507*F1500					X				X					X	
SSE517*F					X				X					X	
SSE517*F1500					X				X					X	
SSE607*F						X			X					X	
SSE617*F						X			X					X	
SSE707*F							X		X					X	
SSE717*F							X		X					X	
SSE807*F	X													X	
SSE807*F1500	X													X	
SSE807*F3000	X													X	
SSE807*F4350	X													X	
SSE807*G3018	X													X	
SSE907*F			X										X	X	
SSE907*F1500			X										X	X	
SSE907*F1724			X										X	X	
SSE907*G3018			X										X	X	
SSE917*F			X										X	X	
SSE917*F3000			X										X	X	
SSE917*F4350			X										X	X	
SSEA07*G3018				X							X			X	
SSEA17*J				X							X			X	
SSEB07*J					X						X			X	
SSEB07*J1500					X						X			X	
SSEB17*J					X						X			X	
SSEB17*J1500					X						X			X	
SSEC07*J						X					X			X	
SSEF07*J							X				X			X	
SSEF17*J							X				X			X	
SSEF17*J4350							X				X			X	
SSEH07*J					X						X			X	
SSEH07*J1500					X						X			X	
SSET07*F					X					X				X	
SSET07*F1500					X					X				X	
SSET17*F					X					X				X	

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

Model Number	Nonmetered Model	Counter	Coin Slide Ready	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Card Reader Installed	Electromechanical Control	Electronic Display Control	MDC Control	NetMaster Control	Central Pay	Coin Slide Control	Electric Heat	Gas Heat
SSET17*F1500					X					X				X	
SSEX07*F				X						X				X	
SSEX07*G3018				X						X				X	
SSEY07*F						X				X				X	
SSEY07*F1500						X				X				X	
SSEY17*F						X				X				X	
SSEZ07*F				X						X				X	
SSEZ07*F1500				X						X				X	
SSEZ17*F				X						X				X	
SSEZ17*F1500				X						X				X	
SSG009*F	X														X
SSG109*F			X					X							X
SSG109*F1124			X					X							X
SSG109*F99L6			X					X							X
SSG109*F99L7			X					X							X
SSG109*M3013			X					X							X
SSG119*F			X					X							X
SSG119*F3000			X					X							X
SSG119*F3058			X					X							X
SSG119*F3060			X					X							X
SSG119*F5412			X					X							X
SSG119*F5480			X					X							X
SSG119*M3013			X					X							X
SSG309*F		X	X					X							X
SSG419*F				X					X						X
SSG419*F3000				X					X						X
SSG419*F3058				X					X						X
SSG509*F					X				X						X
SSG519*F					X				X						X
SSG609*F						X			X						X
SSG619*F						X			X						X
SSG709*F							X		X						X
SSG719*F							X		X						X
SSG809*F	X														X
SSG909*F			X												X
SSG909*F1124			X										X		X

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

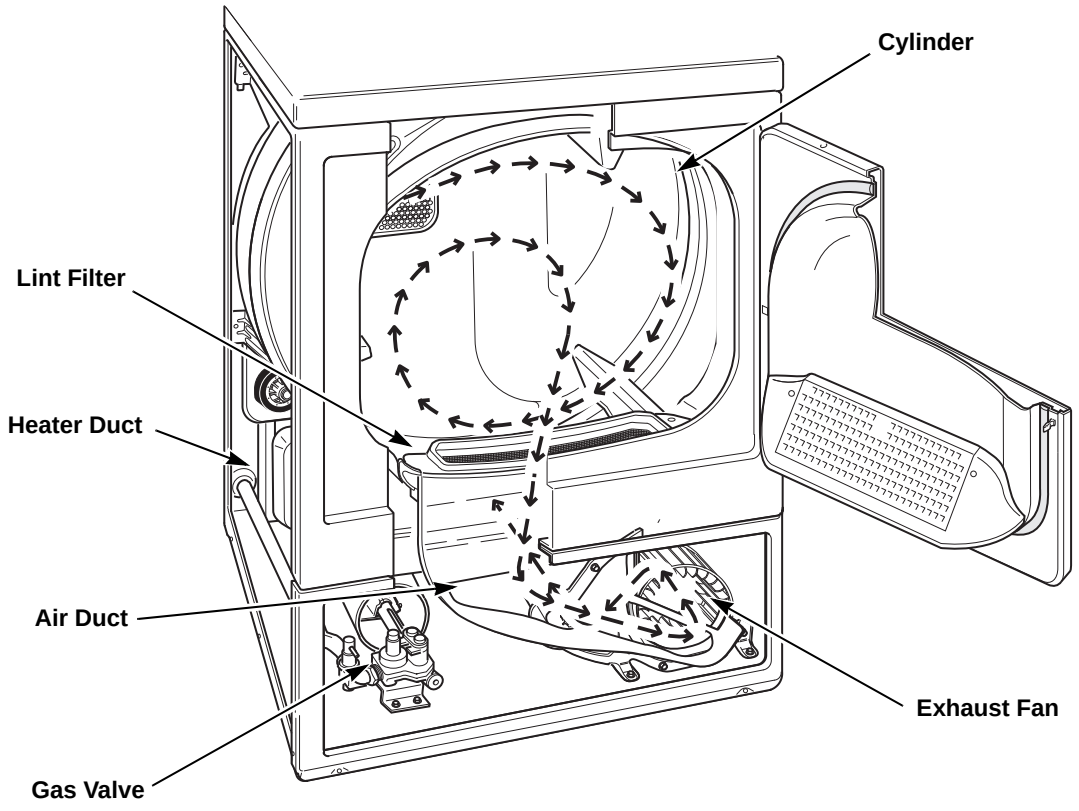
Model Number	Nonmetered Model	Counter	Coin Slide Ready	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Card Reader Installed	Electromechanical Control	Electronic Display Control	MDC Control	NetMaster Control	Central Pay	Coin Slide Control	Electric Heat	Gas Heat
SSG909*M3013			X										X		X
SSG919*F			X										X		X
SSG919*F3060			X										X		X
SSGA19*J				X							X				X
SSGB09*J					X						X				X
SSGB19*J					X						X				X
SSGC09*J						X					X				X
SSGF09*J							X				X				X
SSGF19*J							X				X				X
SSGF19*J3060							X				X				X
SSGH09*J					X						X				X
SSGT09*F					X					X					X
SSGT19*F					X					X					X
SSGX09*F				X						X					X
SSGX09*M3013				X						X					X
SSGX19*F				X						X					X
SSGX19*F3060				X						X					X
SSGY09*F						X				X					X
SSGY19*F						X				X					X
SSGZ09*F					X					X					X
SSGZ19*F					X					X					X
UDE007*F	X													X	
UDE007*F3000	X													X	
UDE007*F3025	X													X	
UDE807*F	X													X	
UDE807*F1702	X													X	
UDG009*F	X														X
UDG009*F3000	X														X
UDG009*F3025	X														X
UDG809*F	X														X
UDG809*F1102	X														X
USE007*F	X													X	
USE017*F5412	X													X	
USE807*F	X													X	
USG009*F	X														X
USG019*F5412	X														X

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

Model Number	Nonmetered Model	Counter	Coin Slide Ready	Coin Drop Ready	Coin Drop Installed	Card Reader Ready	Card Reader Installed	Electromechanical Control	Electronic Display Control	MDC Control	NetMaster Control	Central Pay	Coin Slide Control	Electric Heat	Gas Heat
USG809*F	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

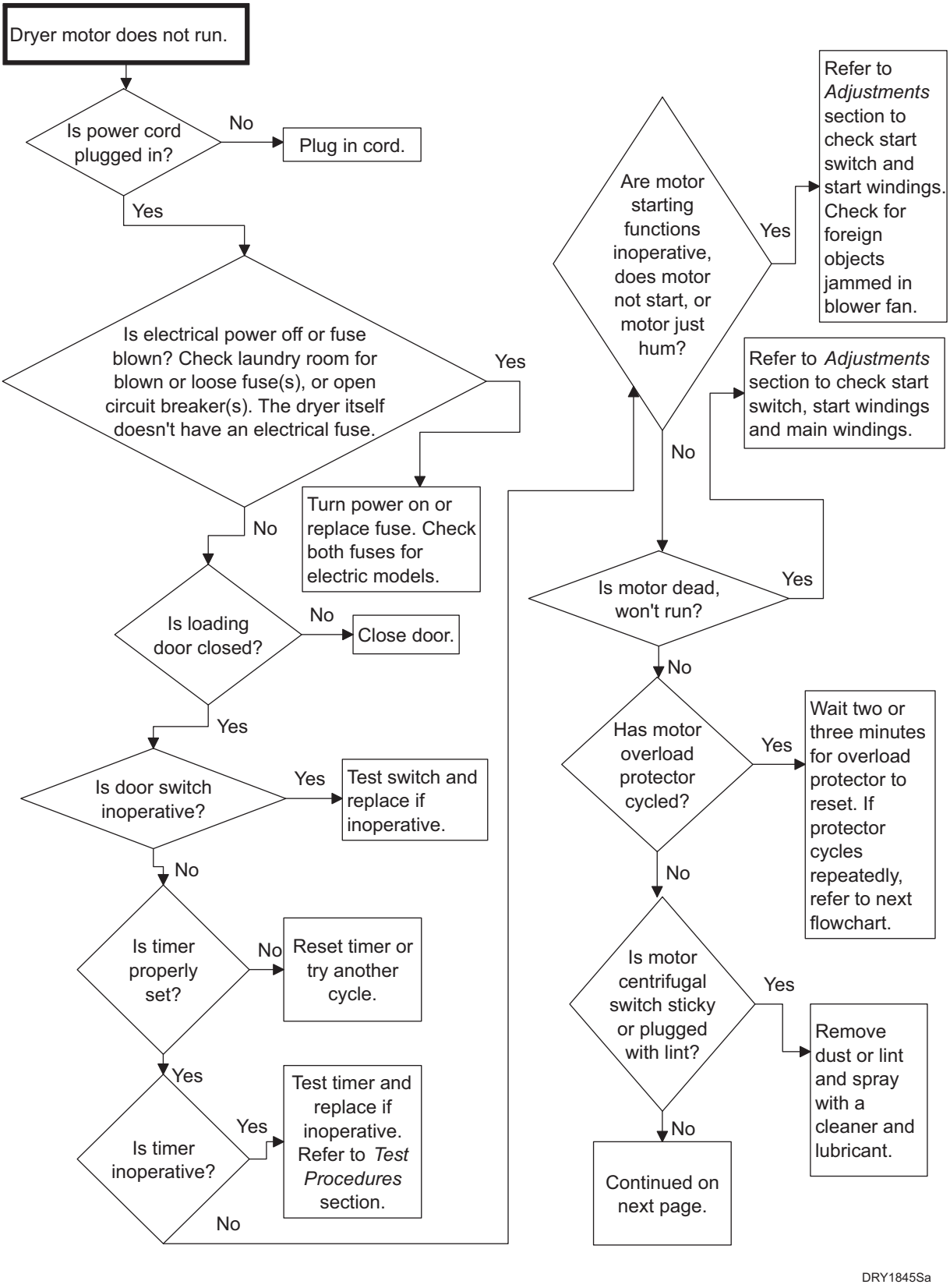
WARNING

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

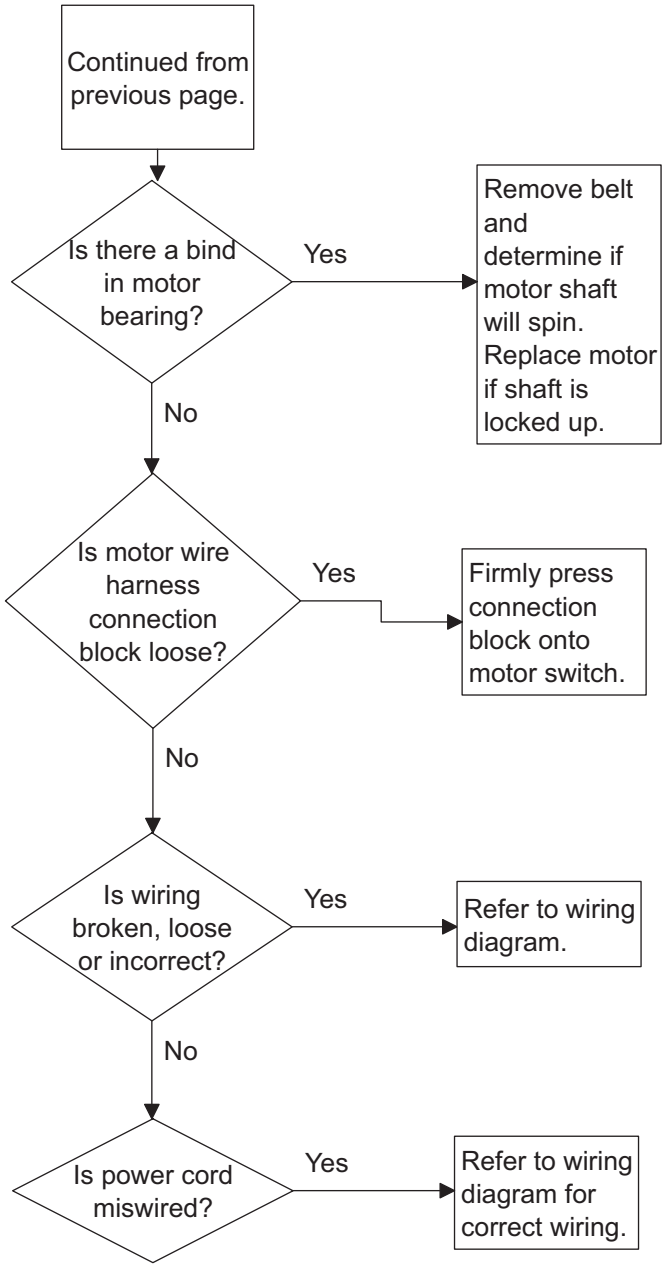
IMPORTANT: Refer to wiring diagram for aid in testing dryer components.

1. Dryer Motor Does Not Run



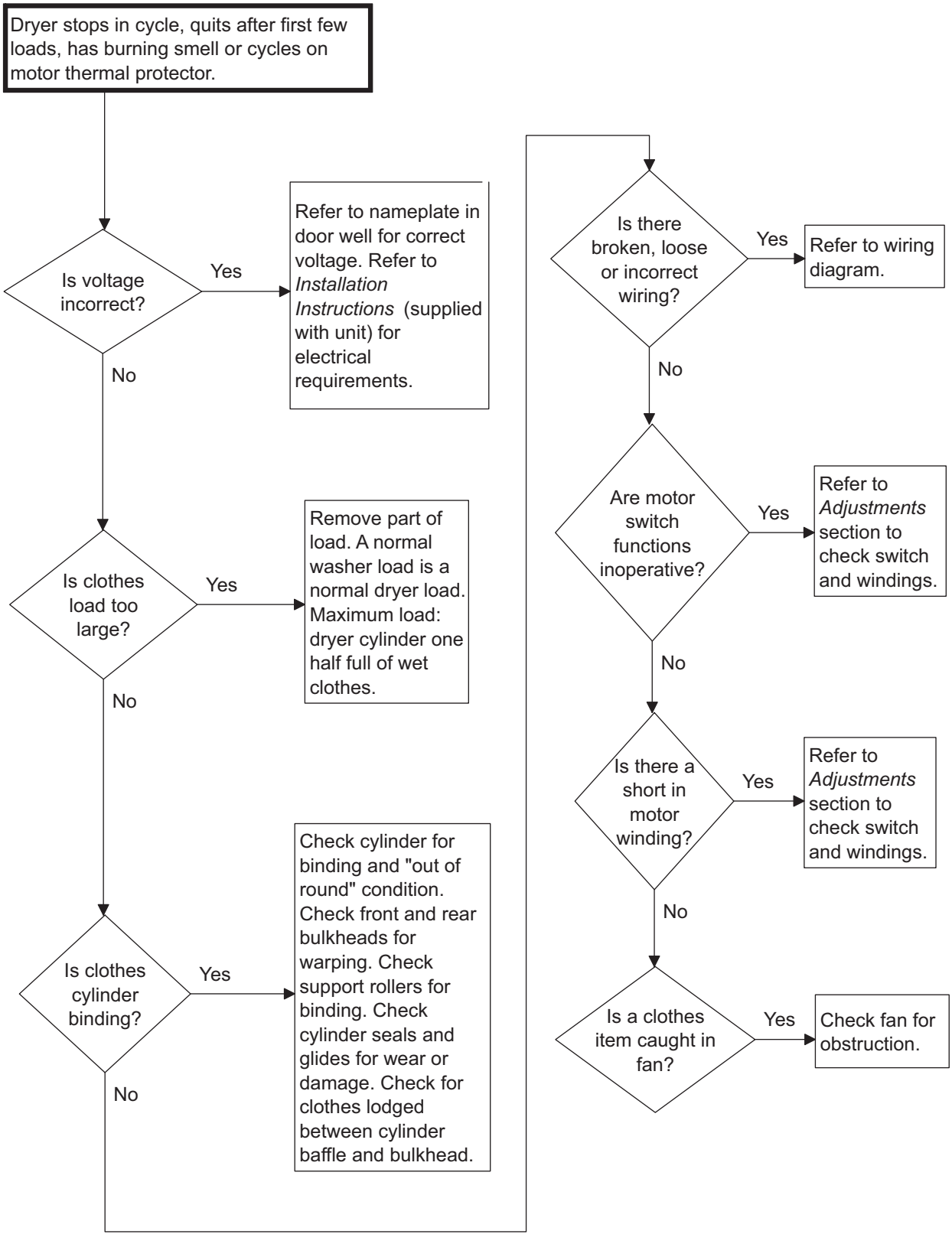
DRY1845Sa

1. Dryer Motor Does Not Run (continued)



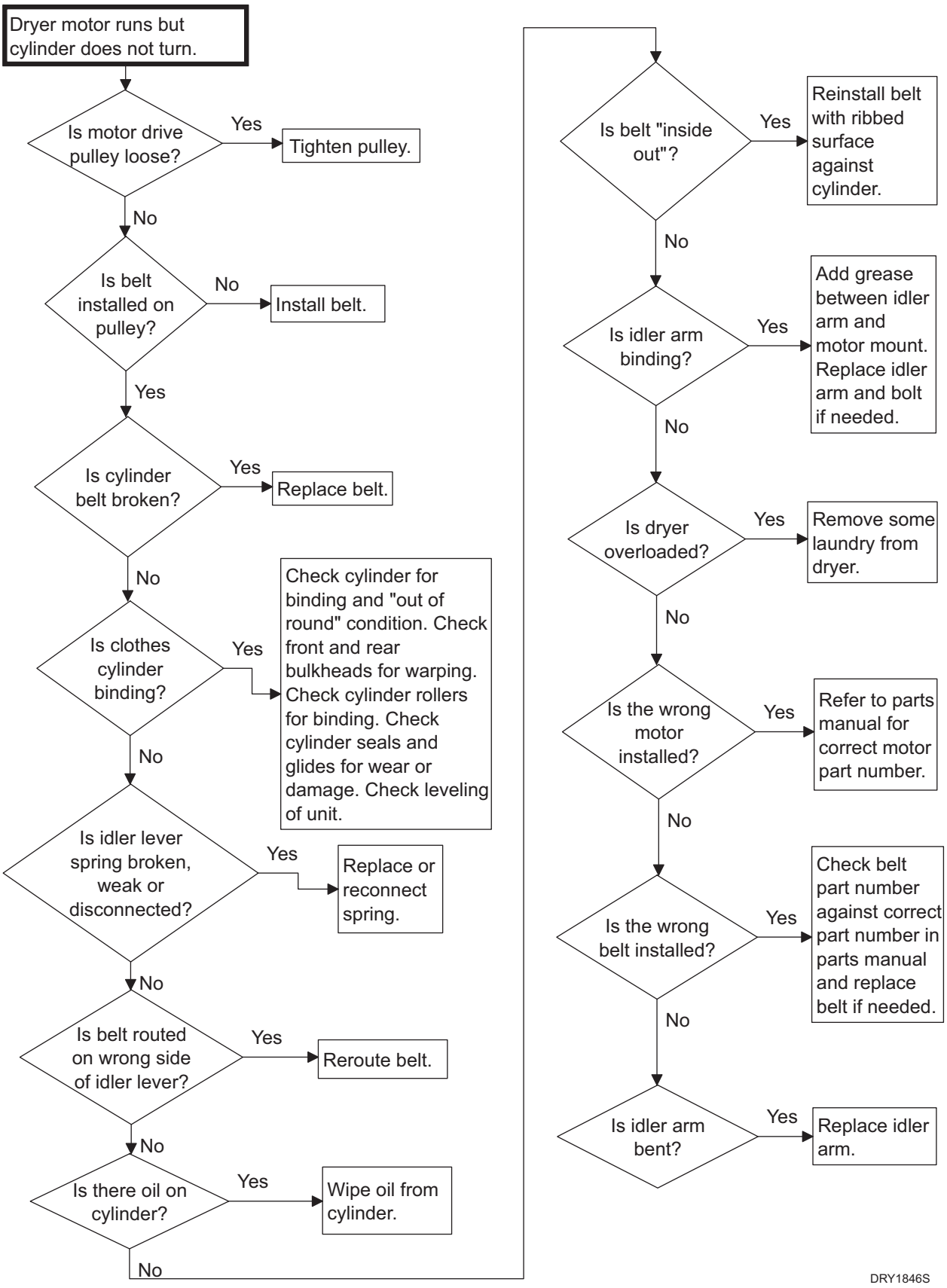
DRY1845Sb

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

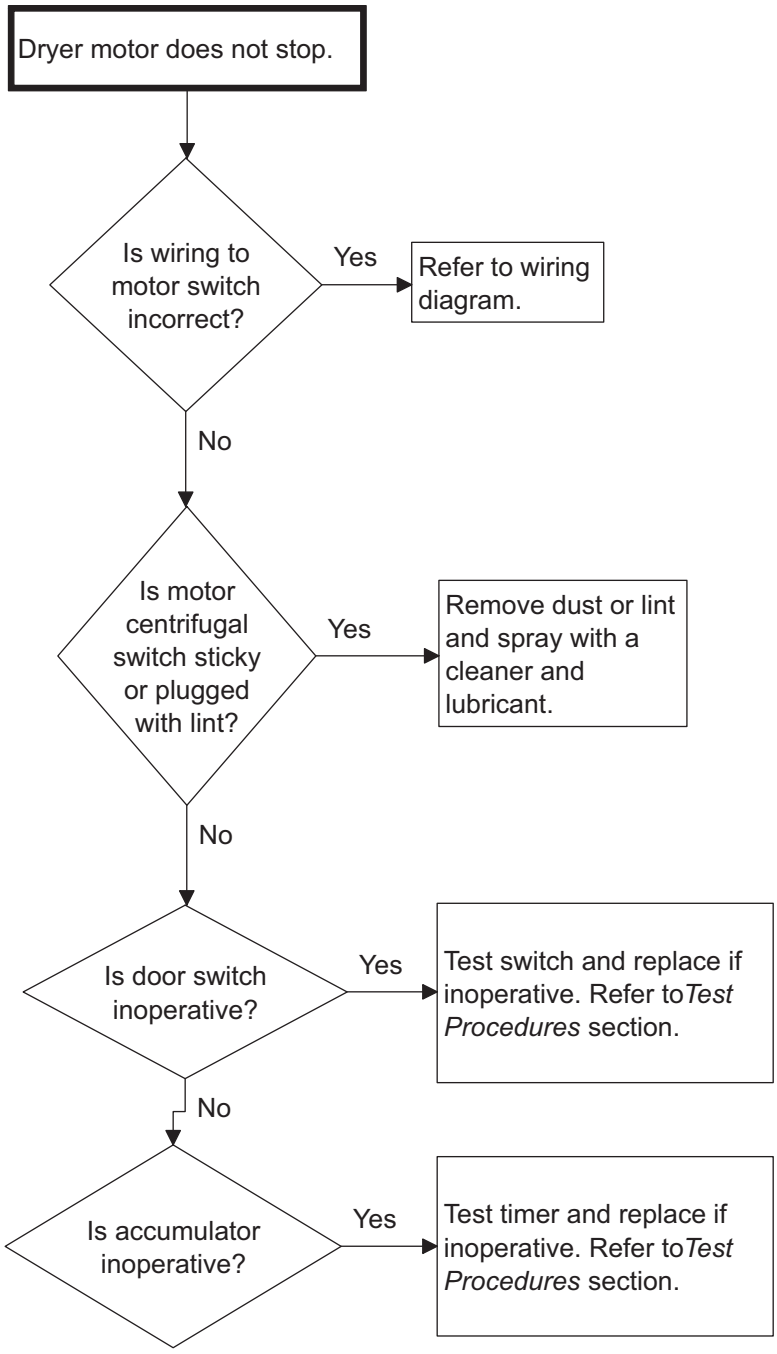


SWD1690S

3. Dryer Motor Runs But Cylinder Does Not Turn

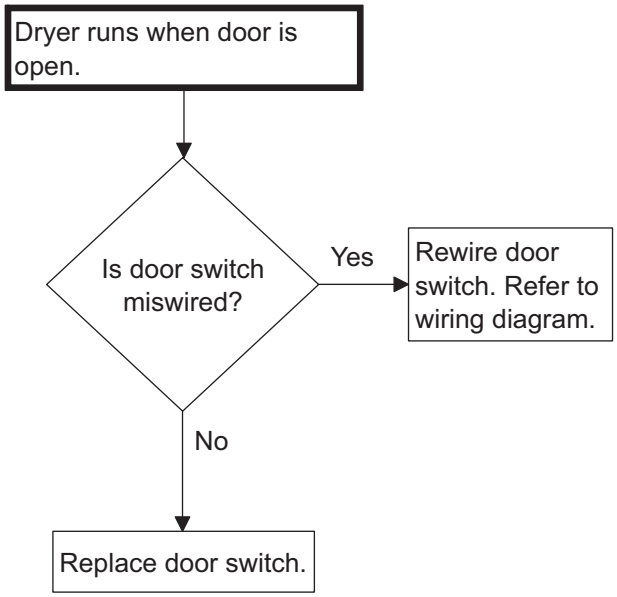


4. Dryer Motor Does Not Stop



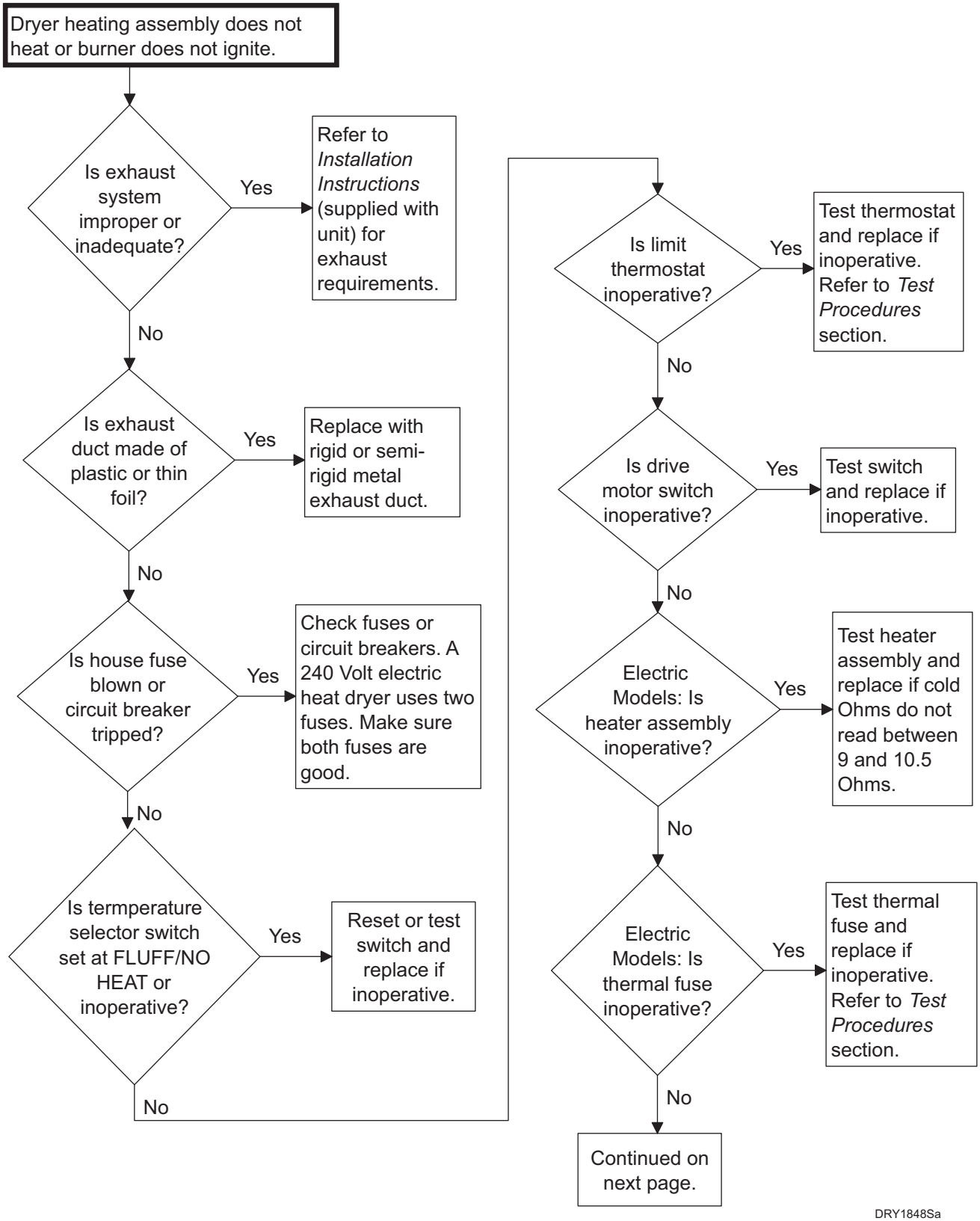
DRY1847S

5. Dryer Runs Only When Door is Open

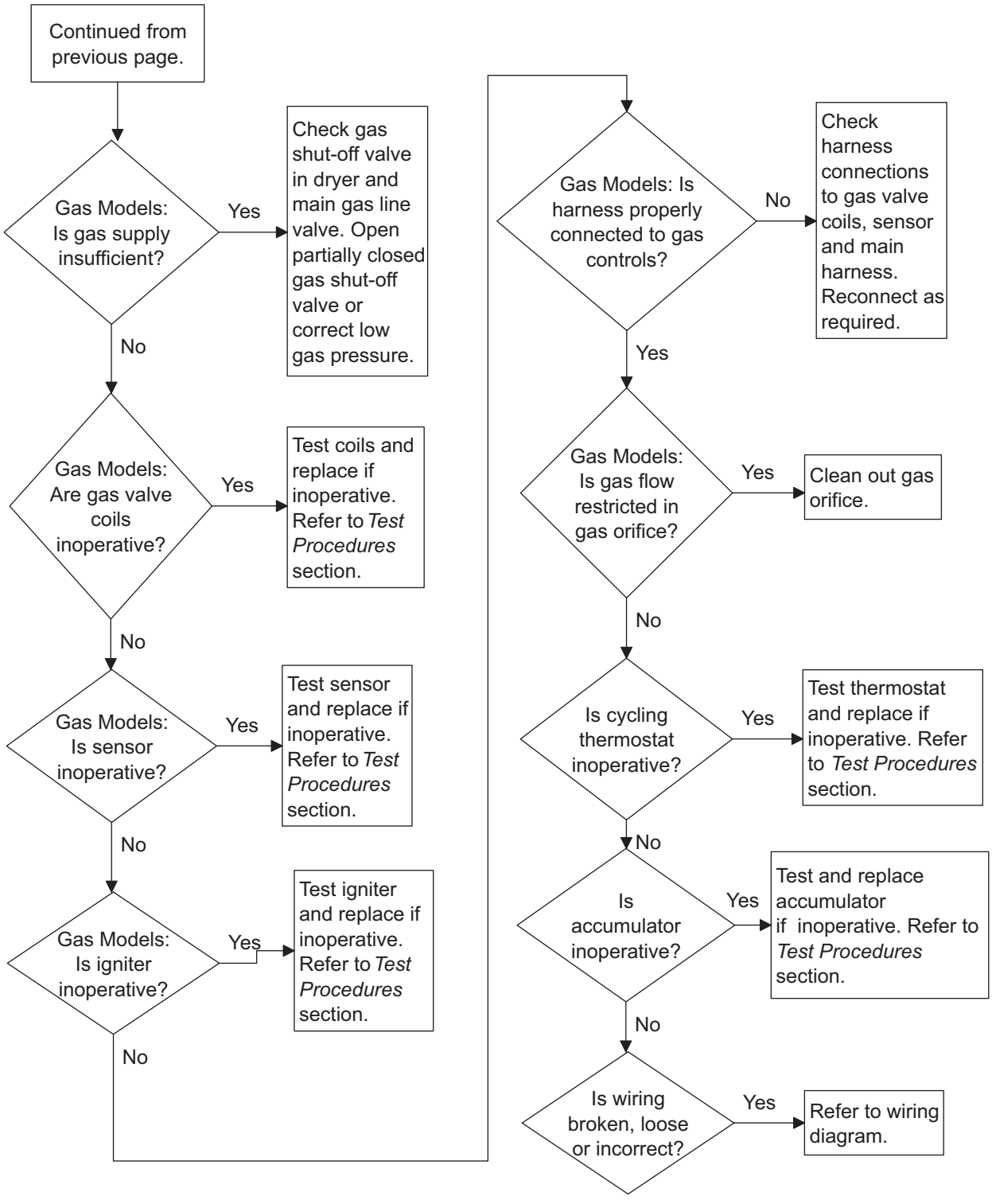


DRY1856S

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

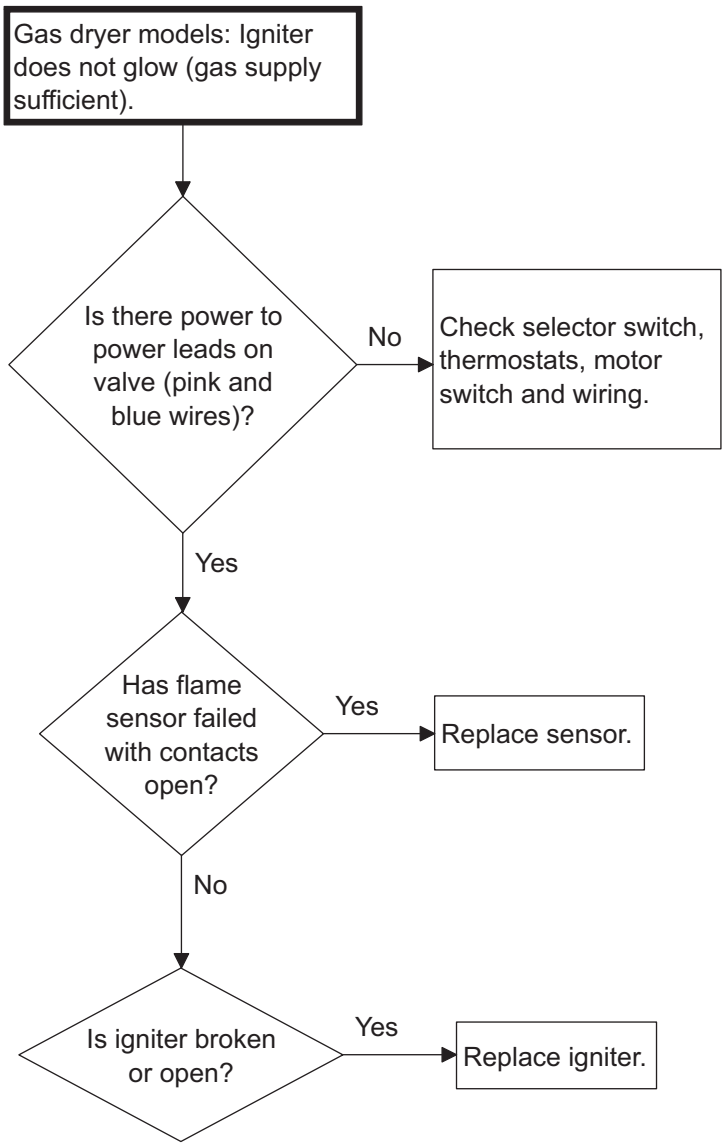


6. Dryer Heating Assembly Does Not Heat or Burner Does Not Ignite (continued)



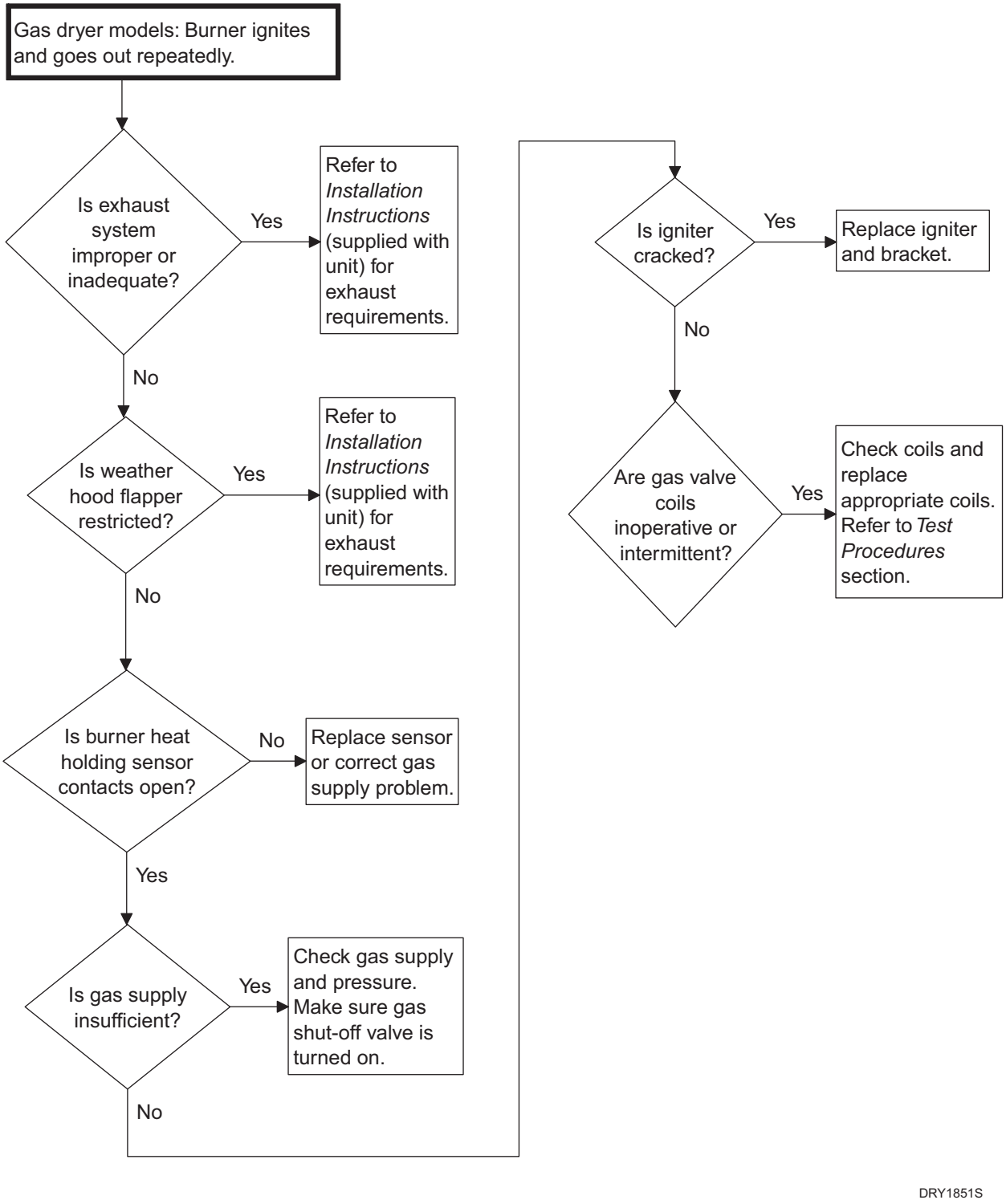
DRY1848Sb

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



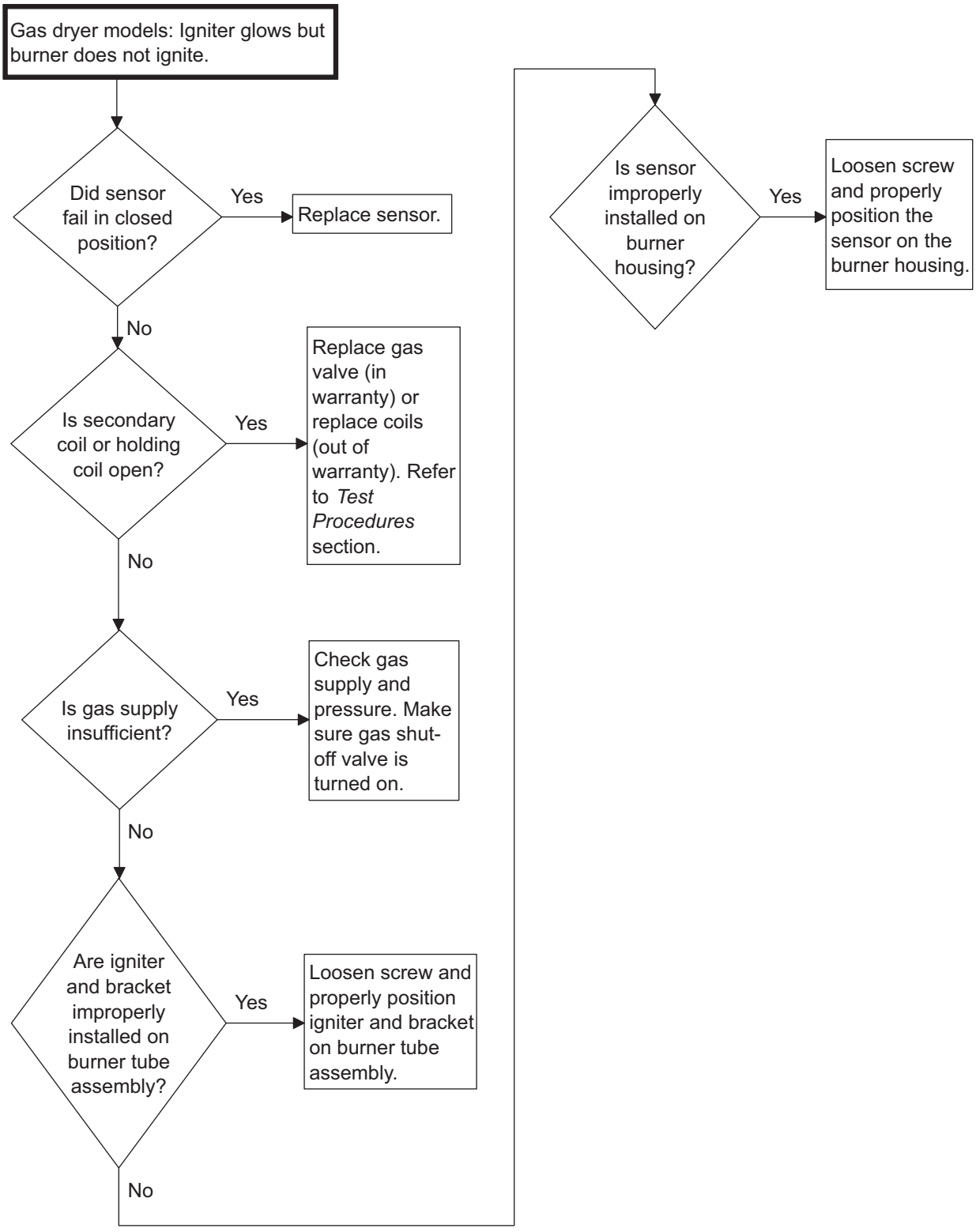
DRY1850S

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

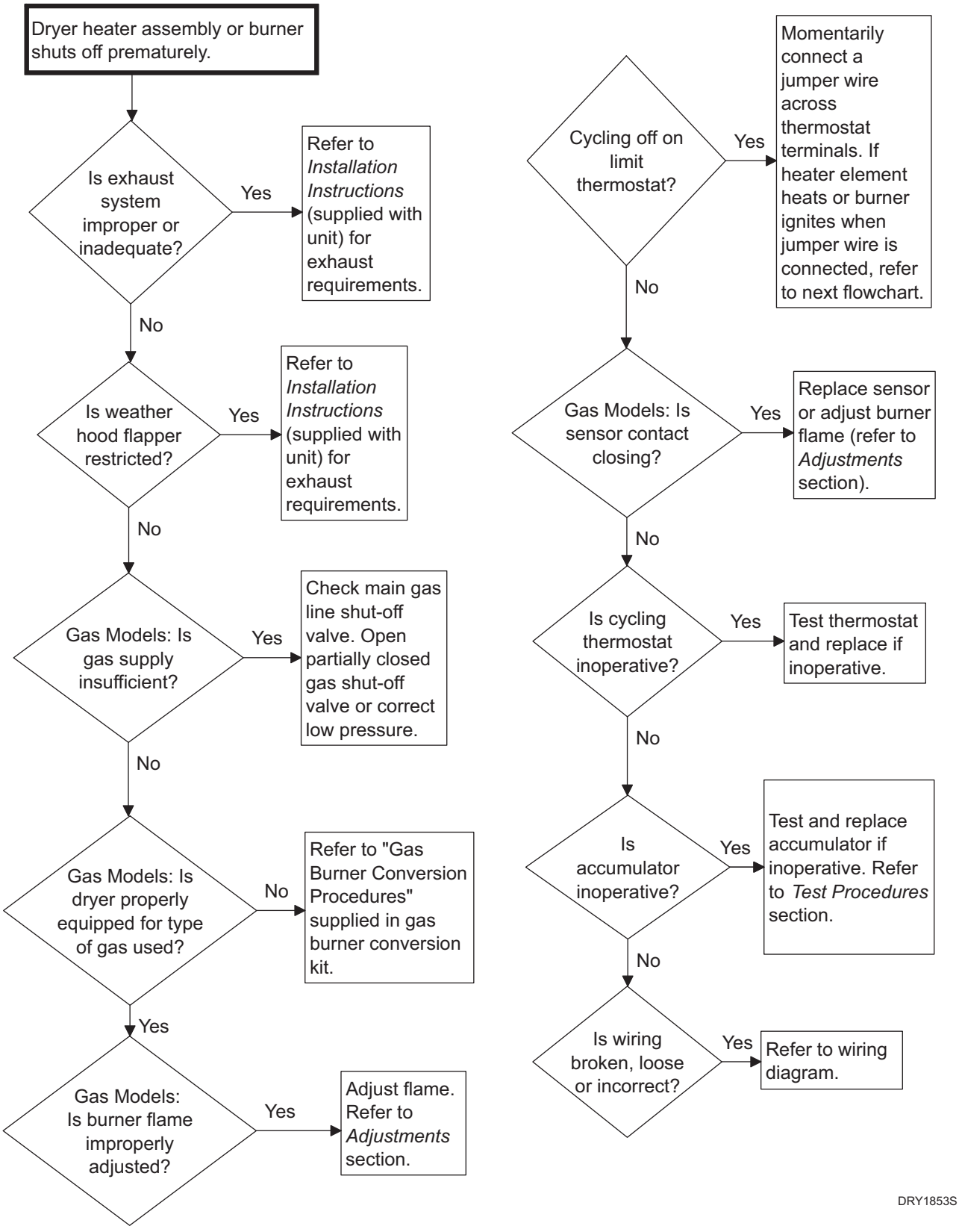


DRY1851S

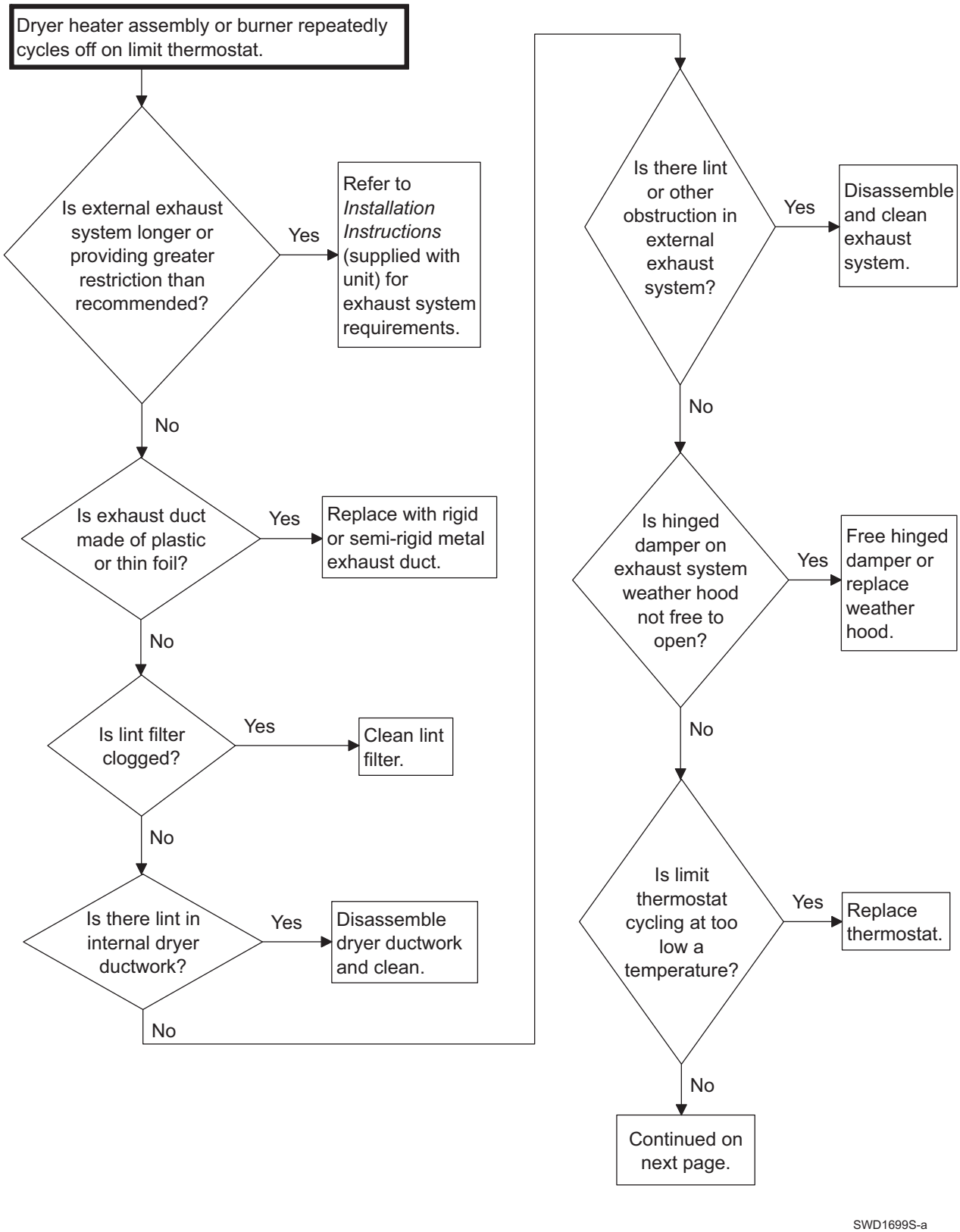
9. Igniter Glows But Burner Does Not Ignite – Gas Dryer Models



10. Dryer Heater Assembly Or Burner Shuts Off Prematurely

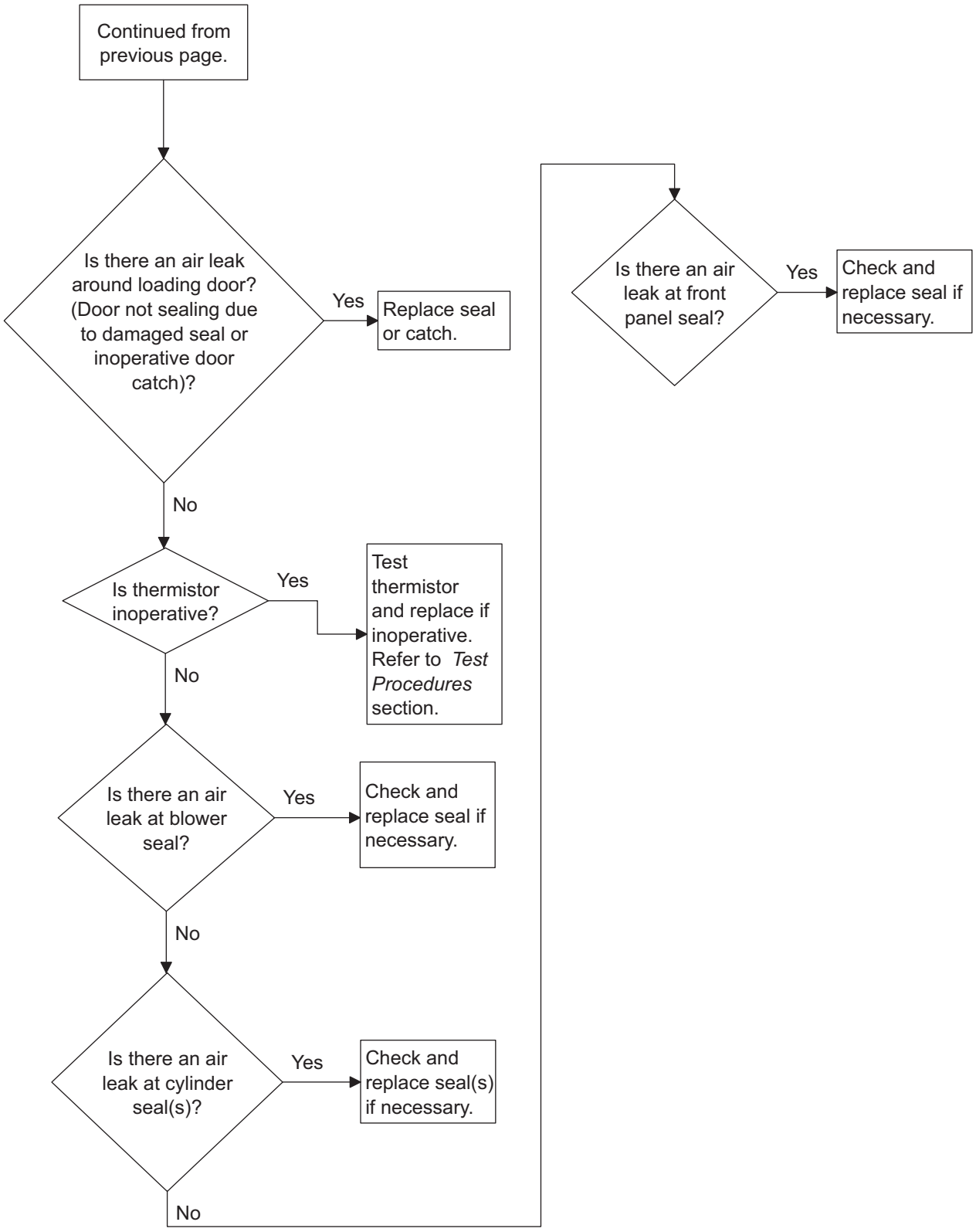


11. Dryer Heater Assembly or Burner Repeatedly Cycles Off On Limit Thermostat



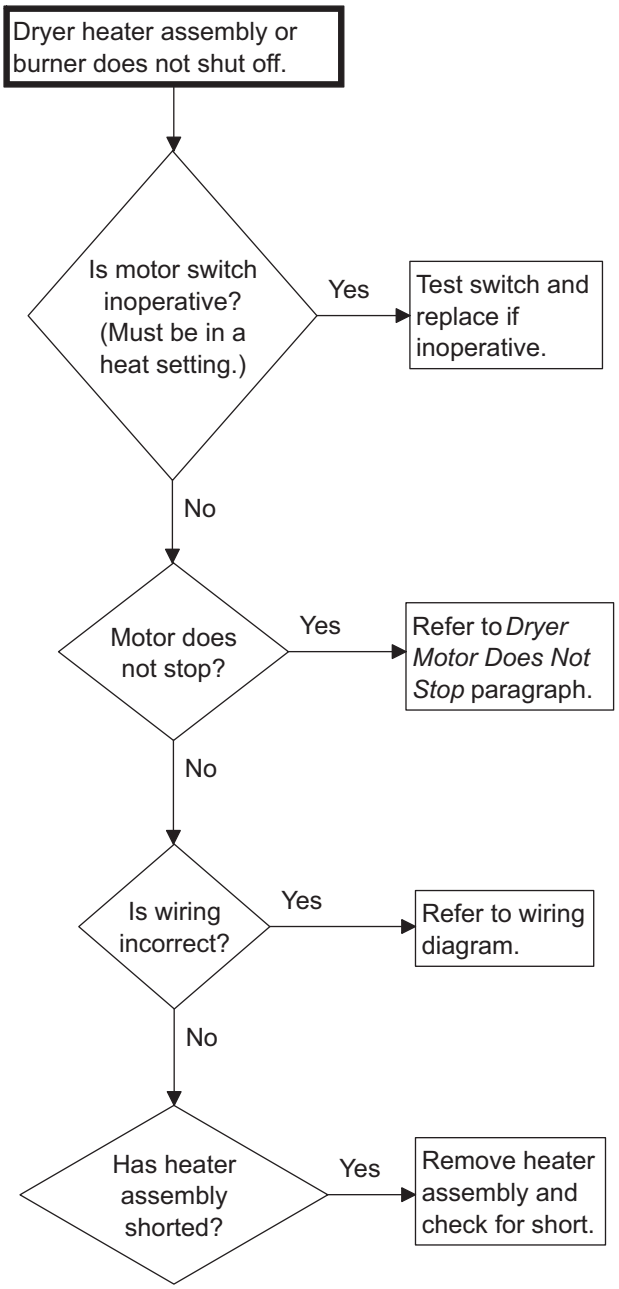
SWD1699S-a

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



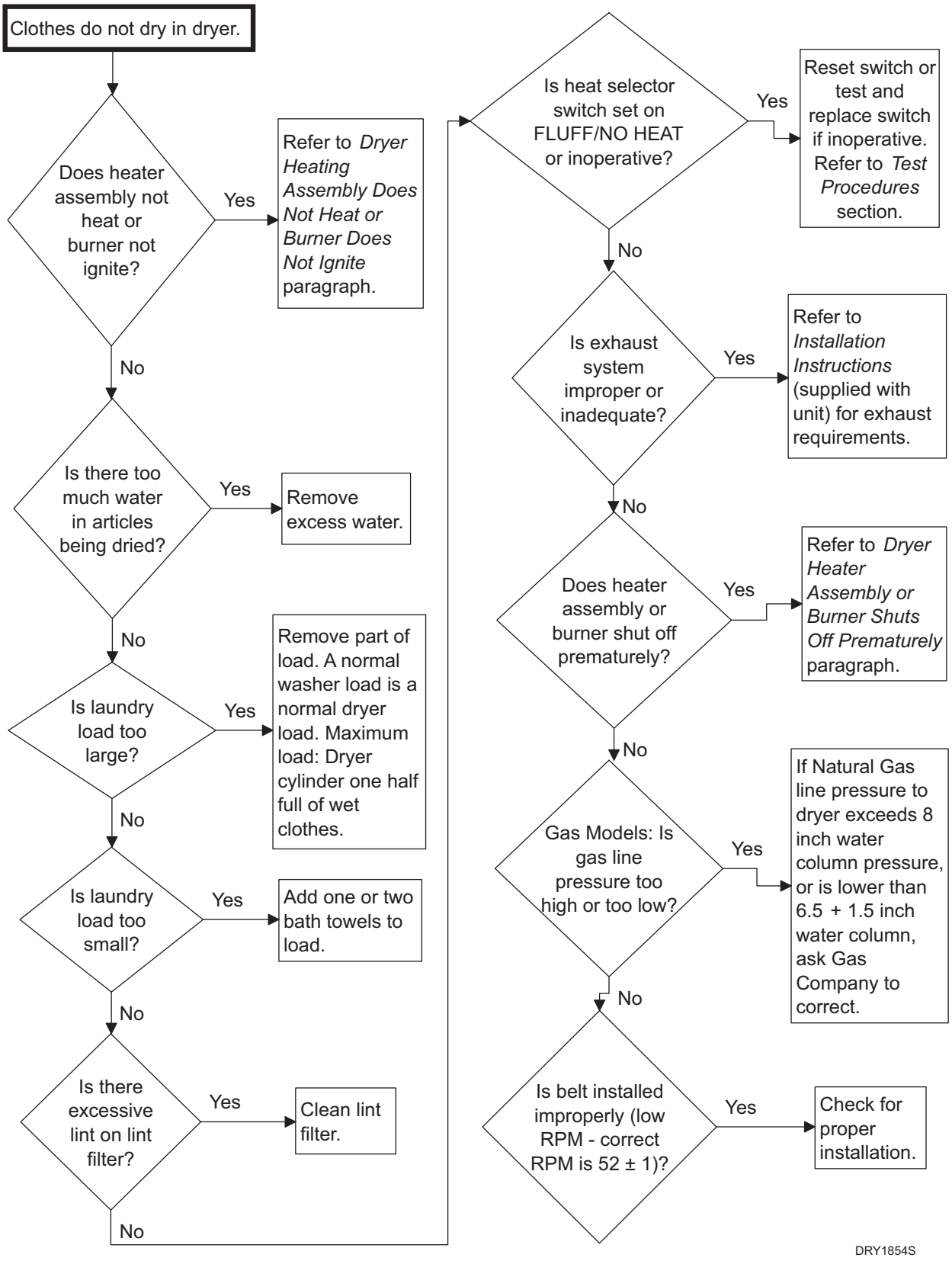
DRY1857S

12. Dryer Heater Assembly or Burner Does Not Shut Off

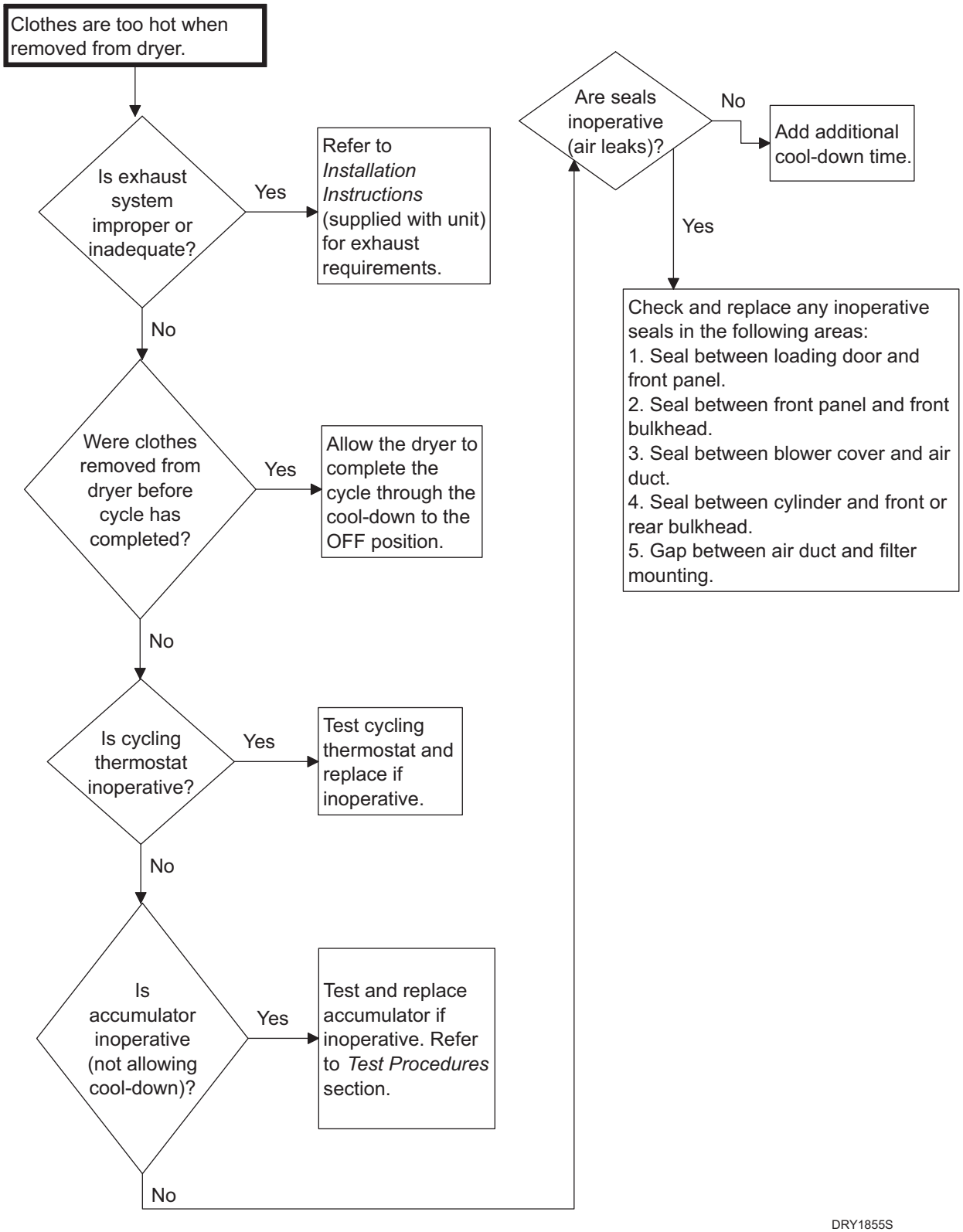


SWD1700S

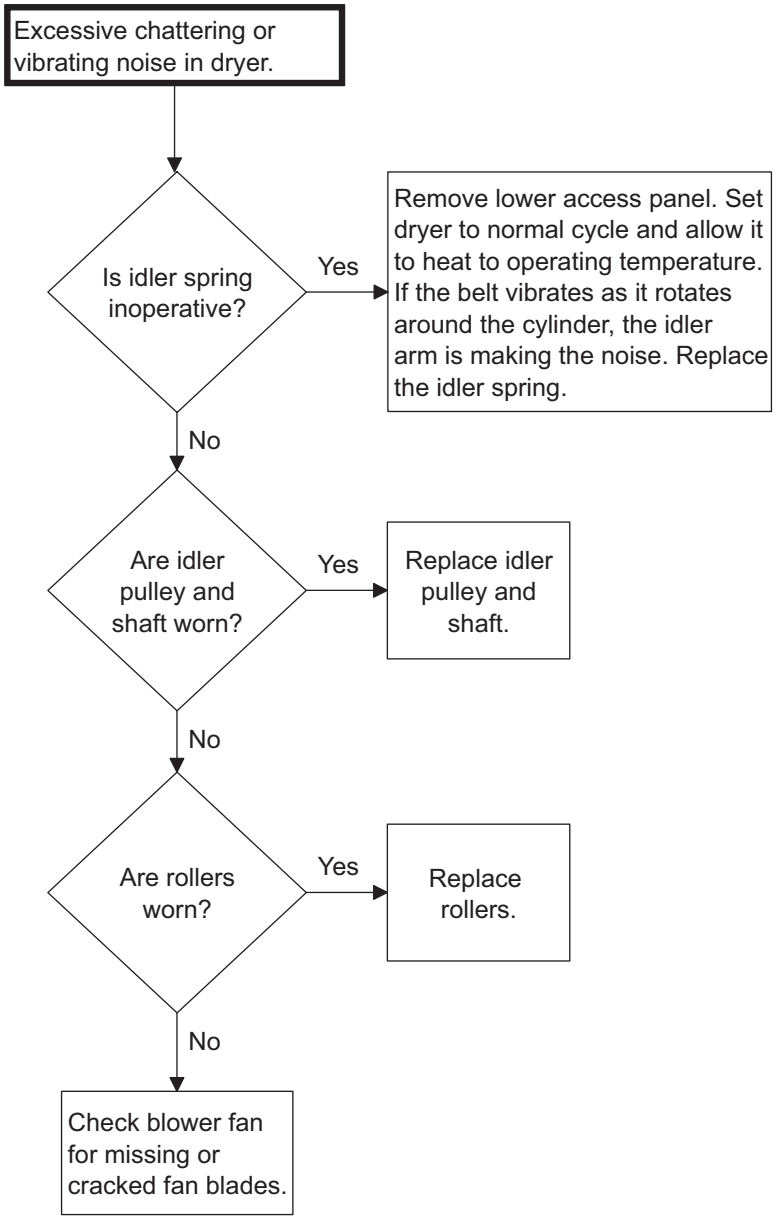
13. Clothes Do Not Dry in Dryer



14. Clothes Are Too Hot When Removed From Dryer

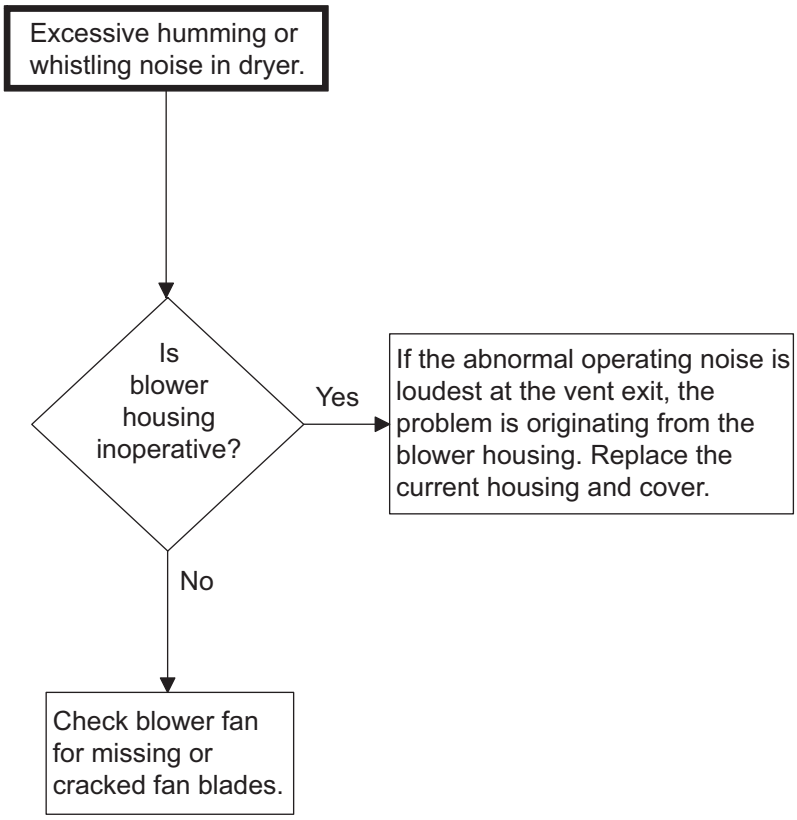


15. Excessive Chattering Or Vibrating Noise in Dryer



DRY1858S

16. Excessive Humming Or Whistling Noise in Dryer



SWD1704S

Section 4
Coin Slide Control 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.

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

17. Error Display Mode

The control enters Error Display Mode to display thermistor errors. The heater is turned off, the IN USE LED flashes to indicate the error (refer to paragraphs below), and the timer will continue to count down time. The control remains in Error Display Mode until the control senses the thermistor has returned to an acceptable heating range, the cycle ends or machine is powered down.

a. Open Thermistor

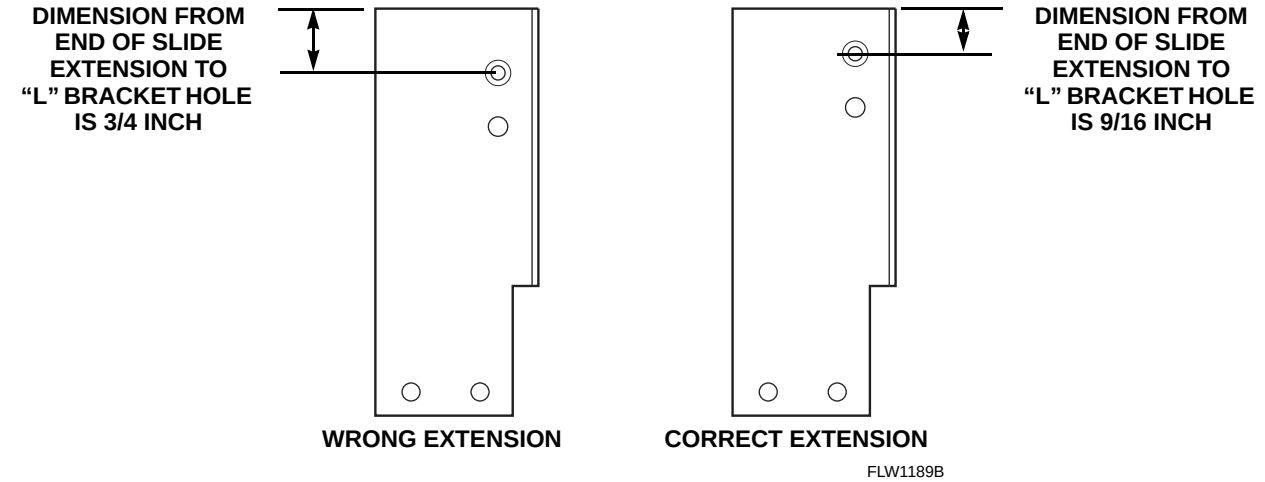
If the control senses a temperature less than 0°F when the heat has been on for at least three minutes it will set an open thermistor error. The control will flash the IN USE LED twice separated by a one and a half second pause. This sequence is repeated as long as the Open Thermistor error is sensed.

b. Shorted Thermistor

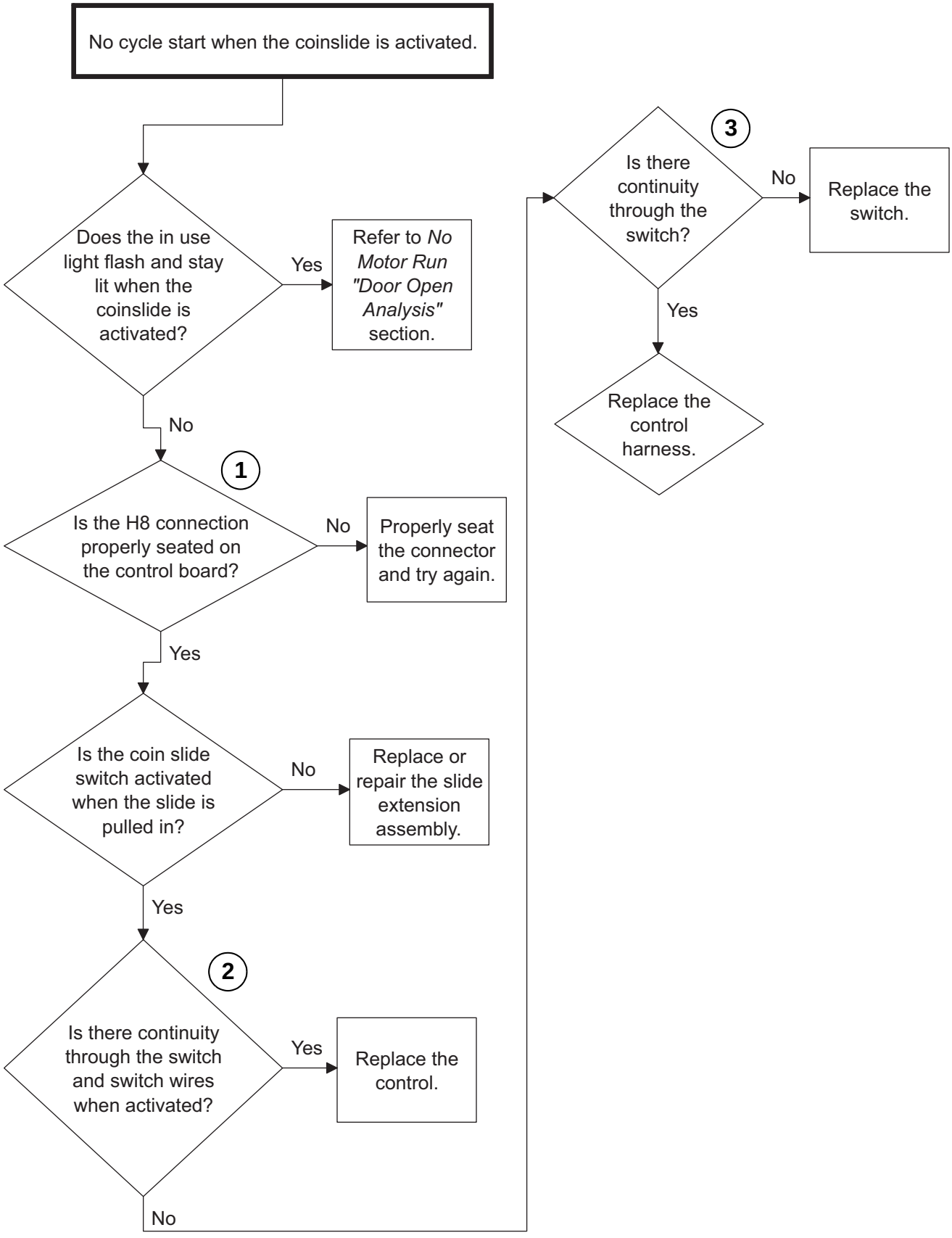
If the control senses a temperature greater than 210 ± 4°F during an active cycle it will set a Shorted Thermistor error. The control will flash the IN USE LED three times separated by a one and a half second pause. This sequence is repeated as long as the Shorted Thermistor error is sensed.

18. Coin Slide Fails to Initiate Cycle Start

With some slide combinations, it may be necessary to add extension kit 760P3 to fully activate the dryer accumulator. Using the instructions found in the kit, install the extension and test for proper cycle start.

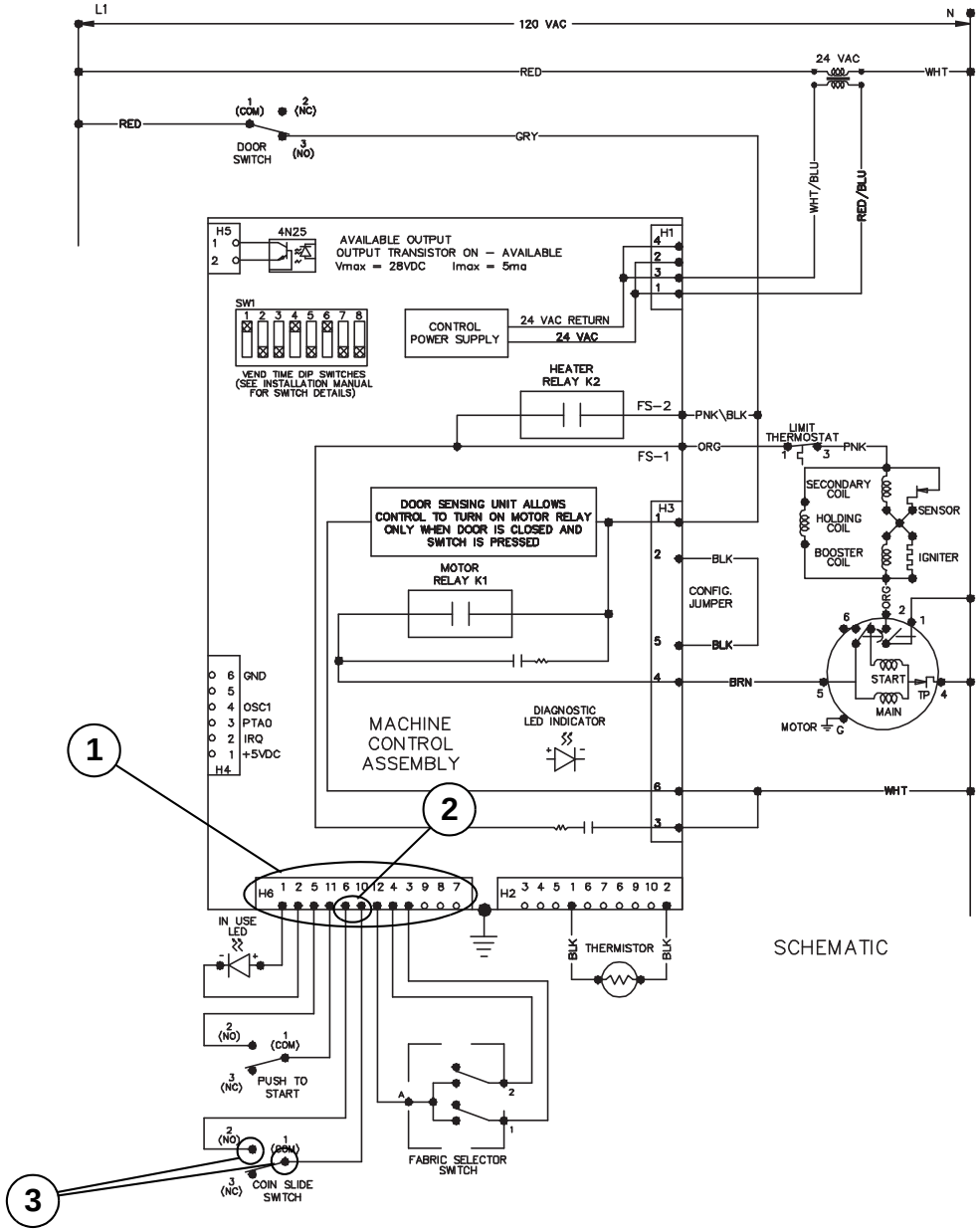


19. No Cycle Start When the Coinslide is Activated



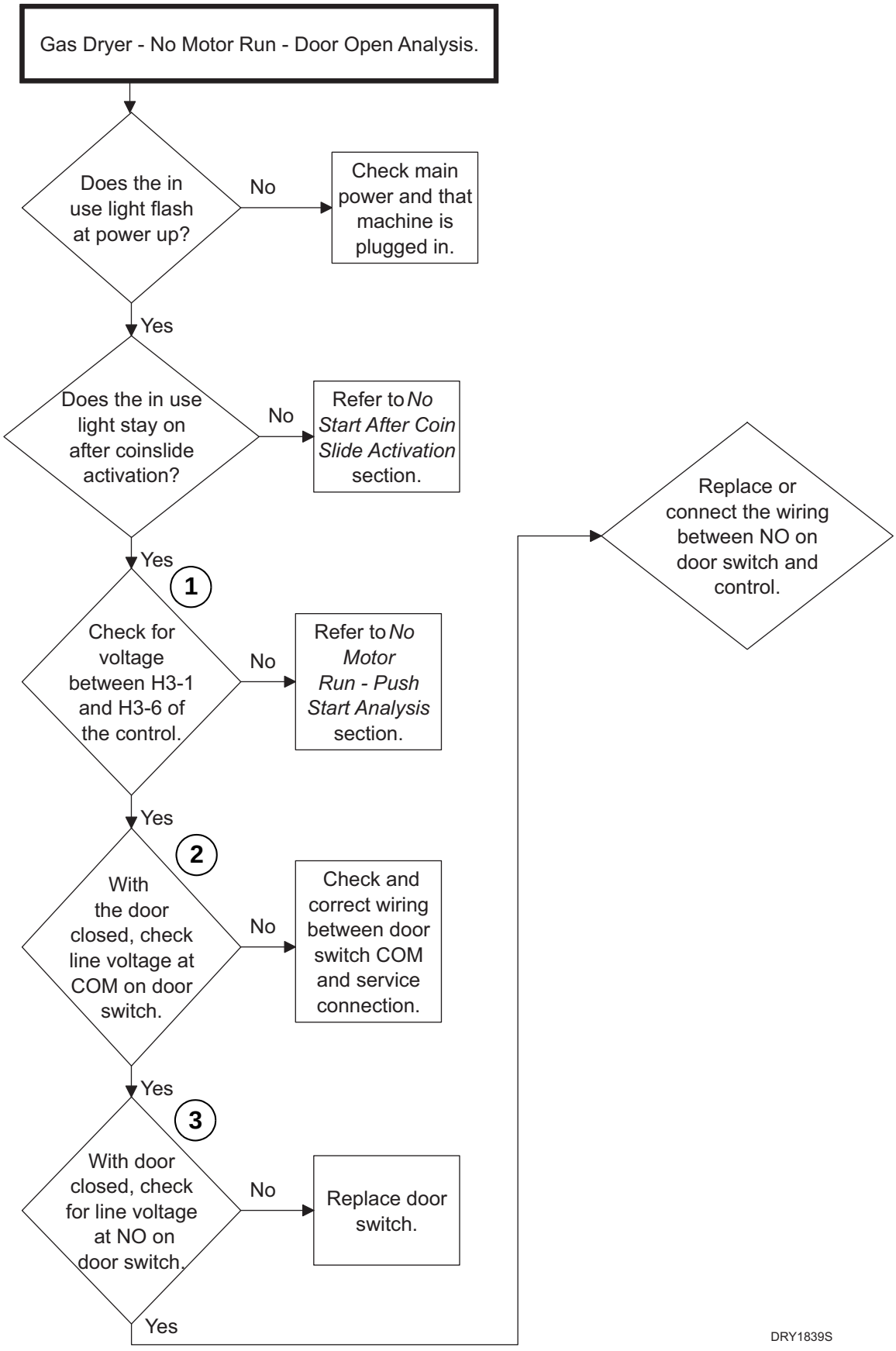
DRY1838S

No Cycle Start When the Coinslide is activated

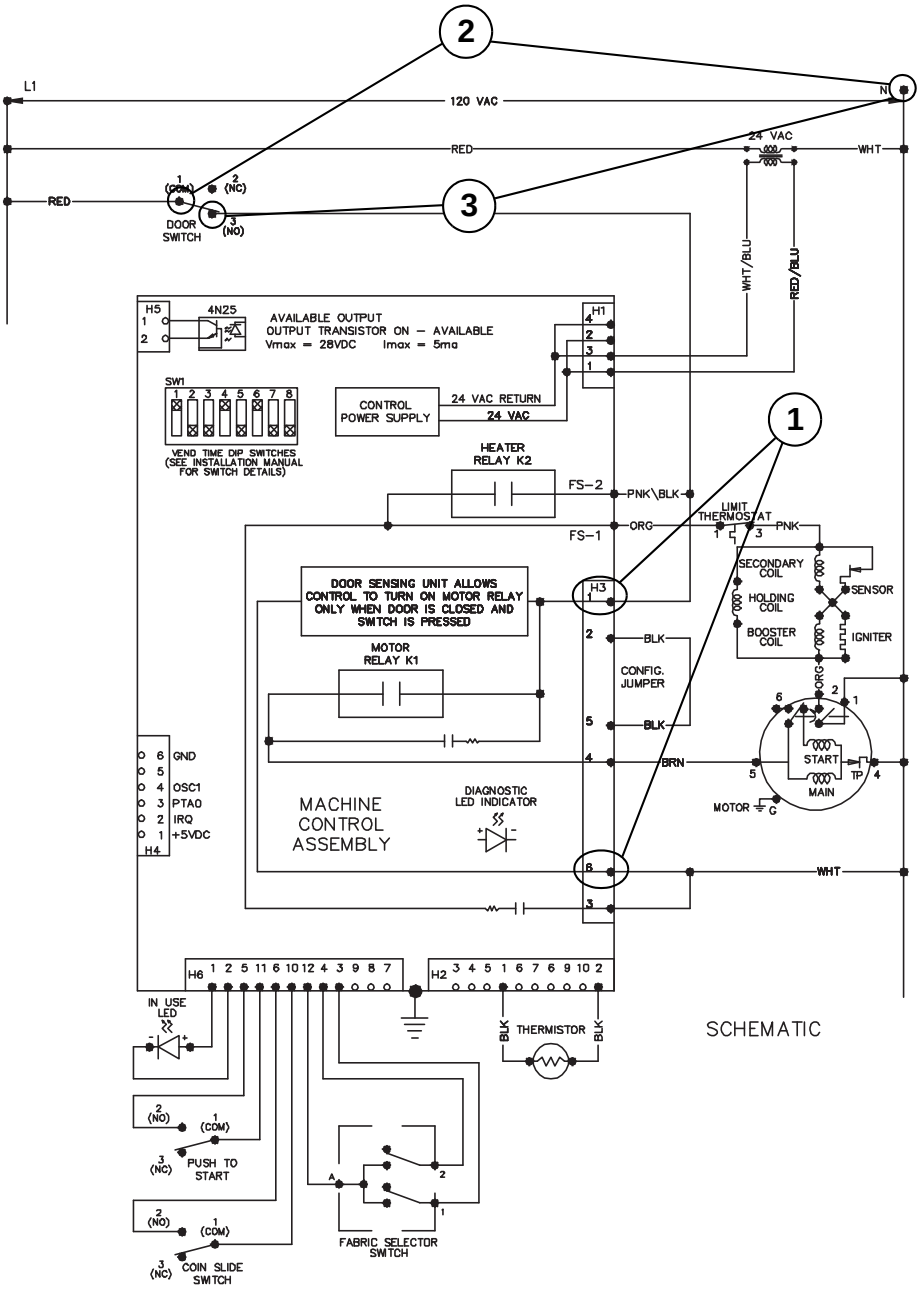


511721R1

20. Gas Dryer – No Motor Run – Door Open Analysis

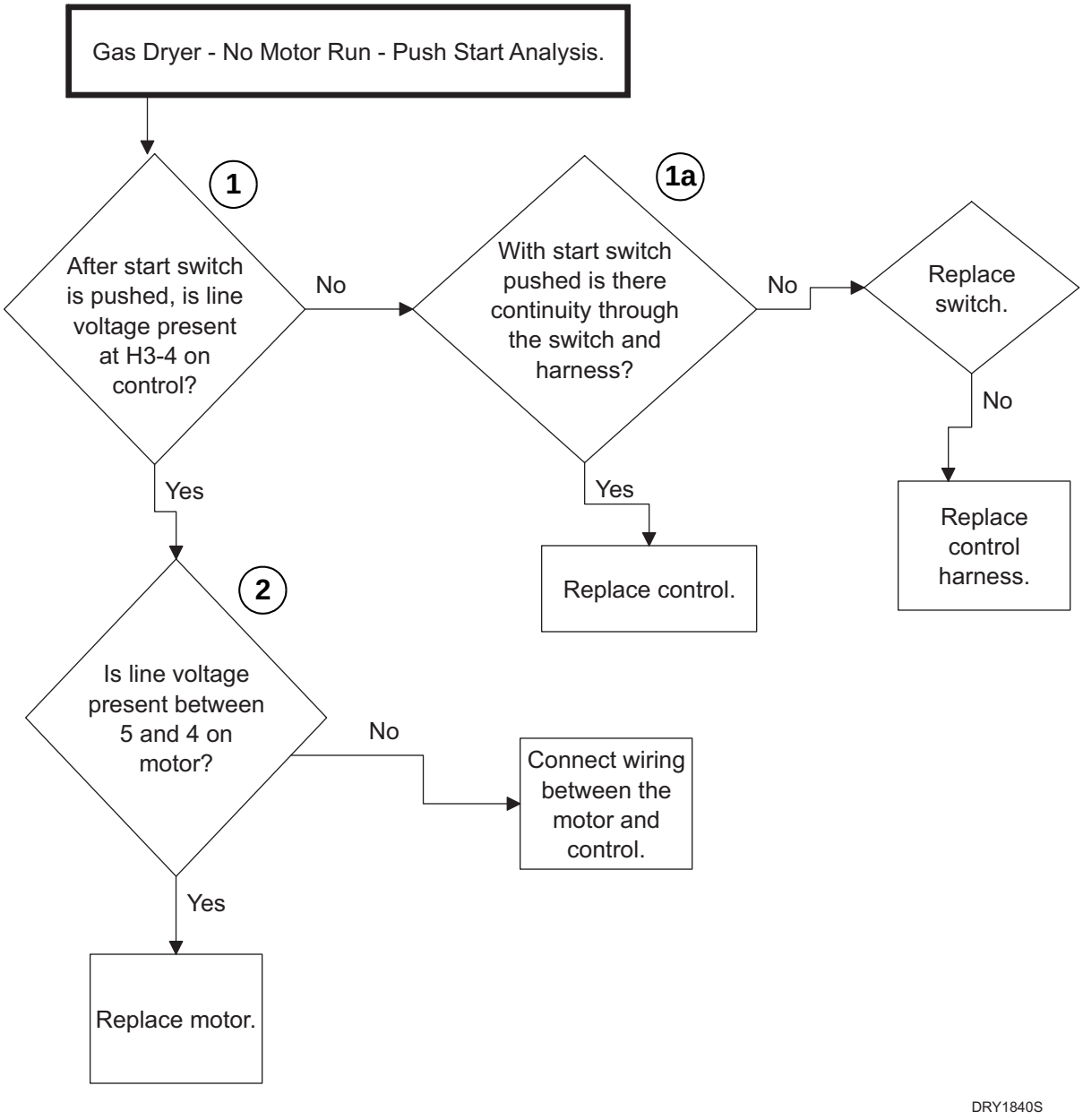


Gas Dryer – No Motor Run – Door Open Analysis

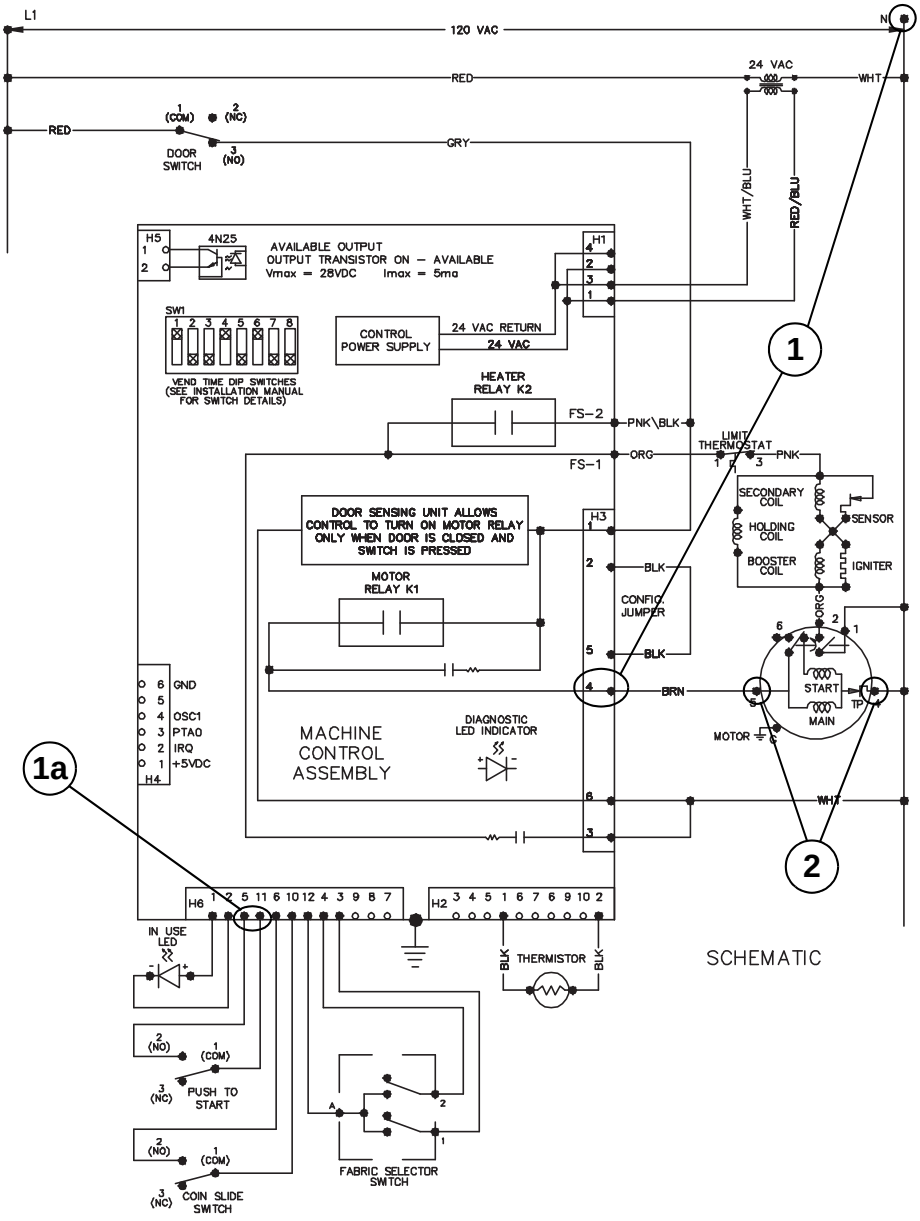


511721R1

21. Gas Dryer – No Motor Run – Push Start Analysis

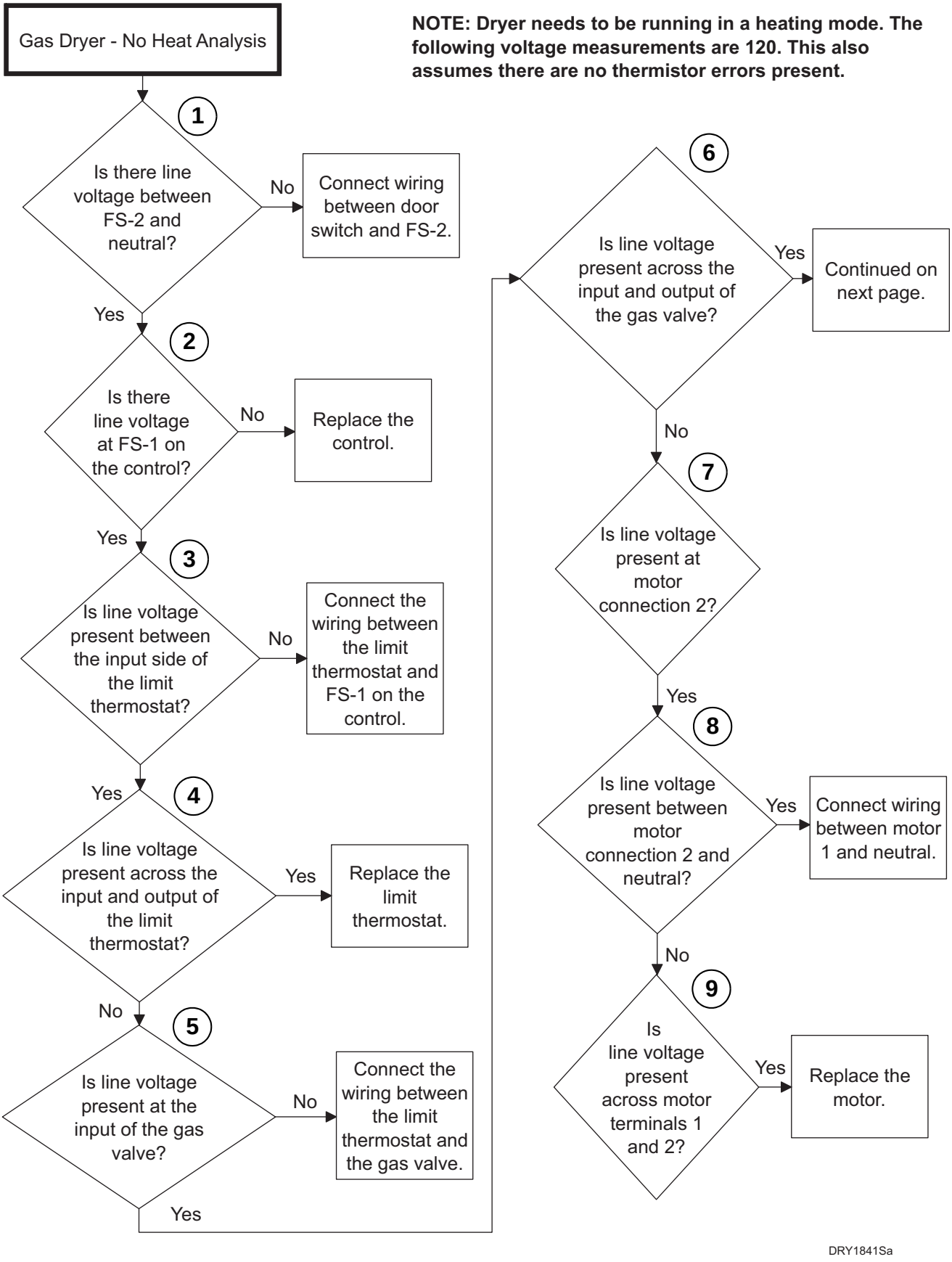


Gas Dryer – No Motor Run – Push Start Analysis

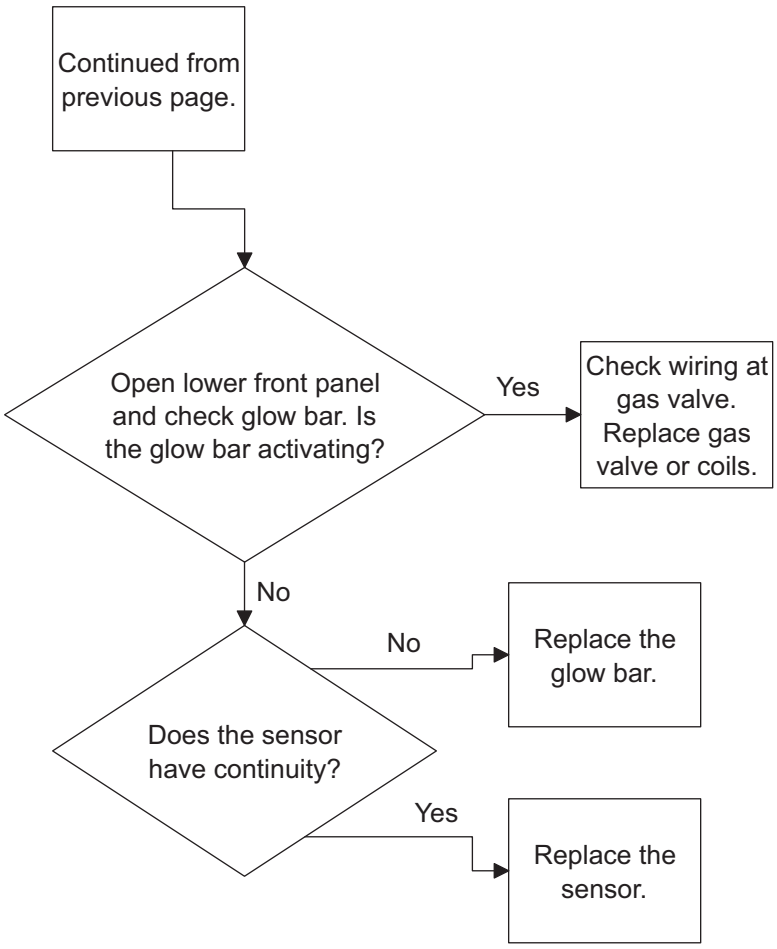


511721R1

22. Gas Dryer – No Heat Analysis

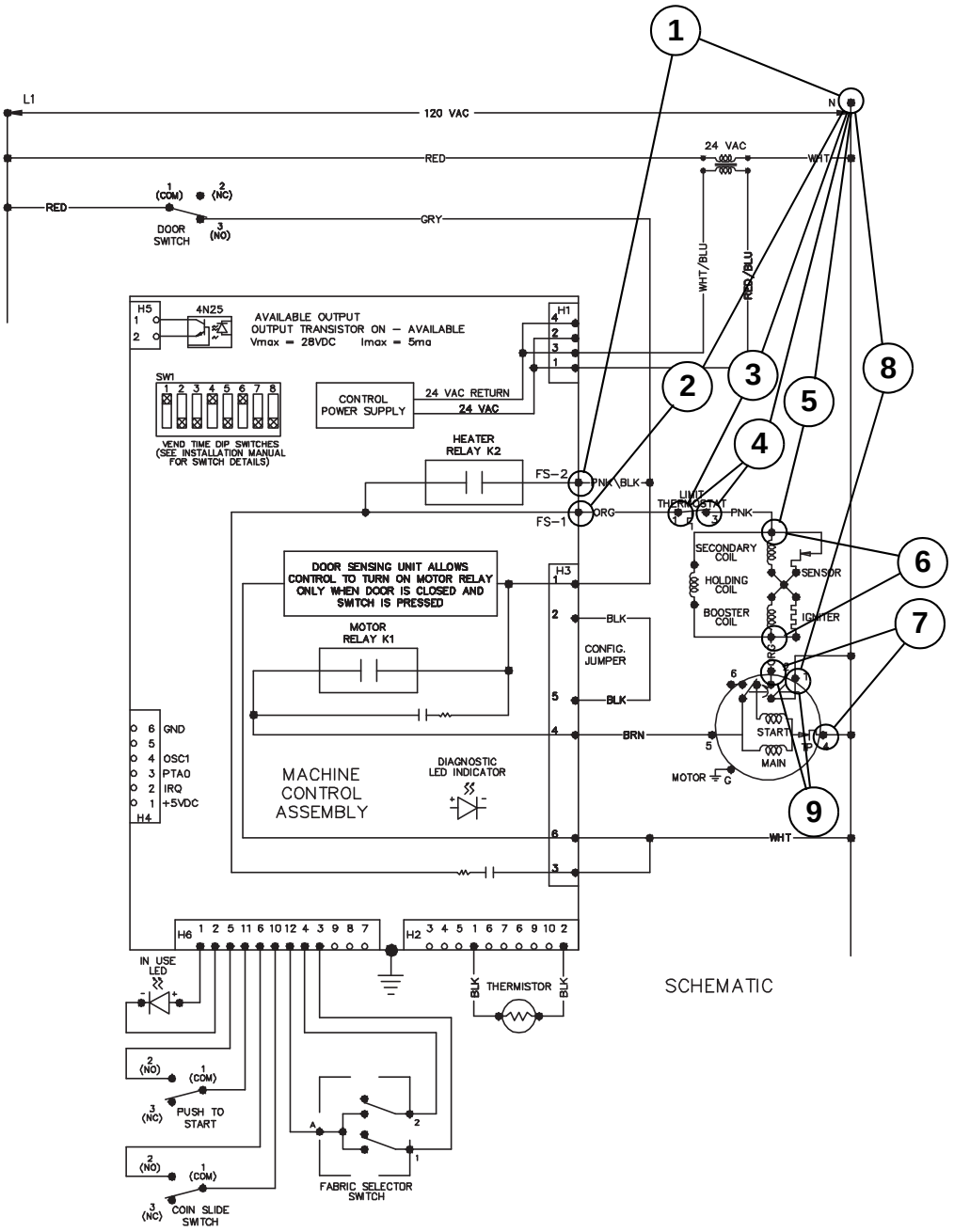


22. Gas Dryer – No Heat Analysis (continued)



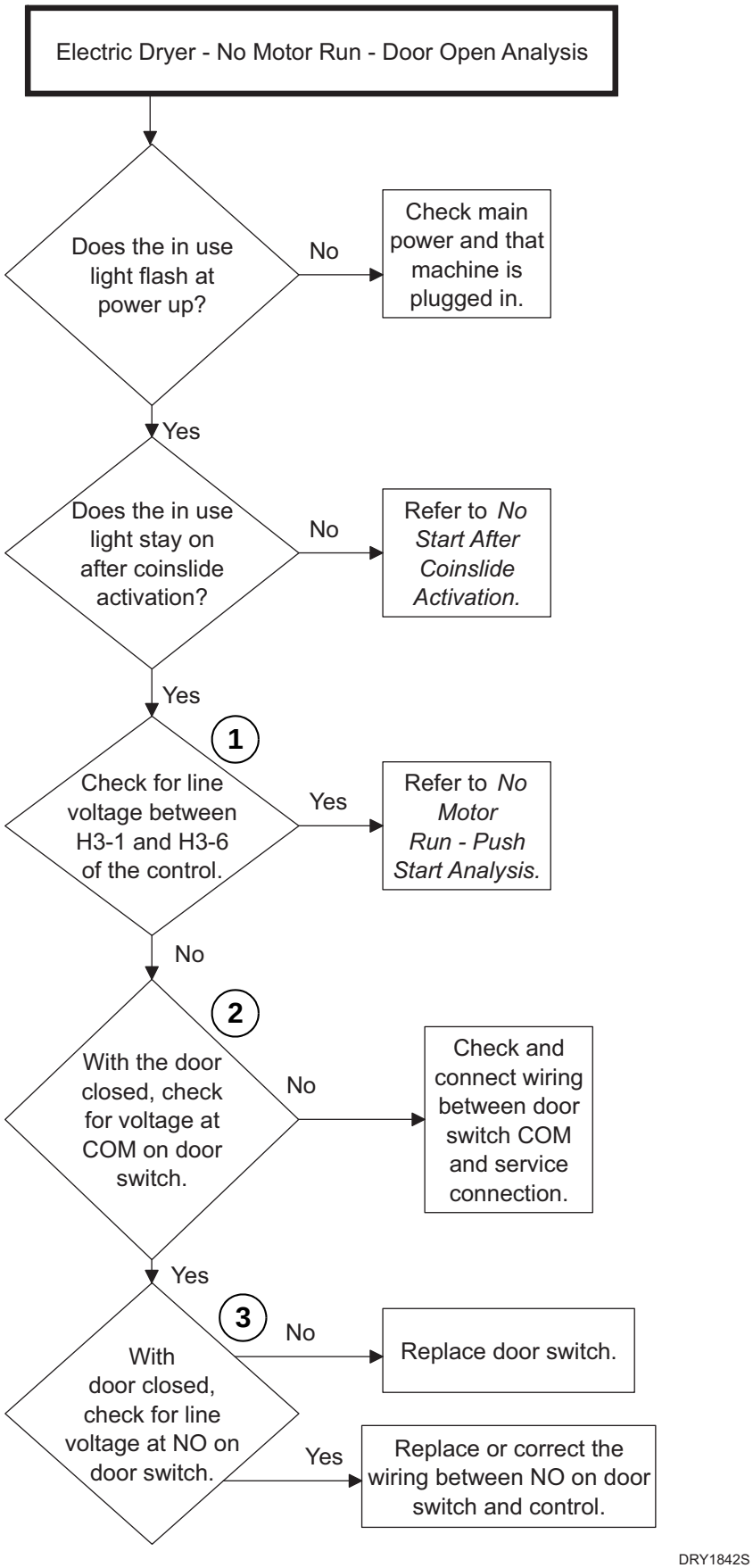
DRY1841Sb

Gas Dryer – No Heat Analysis



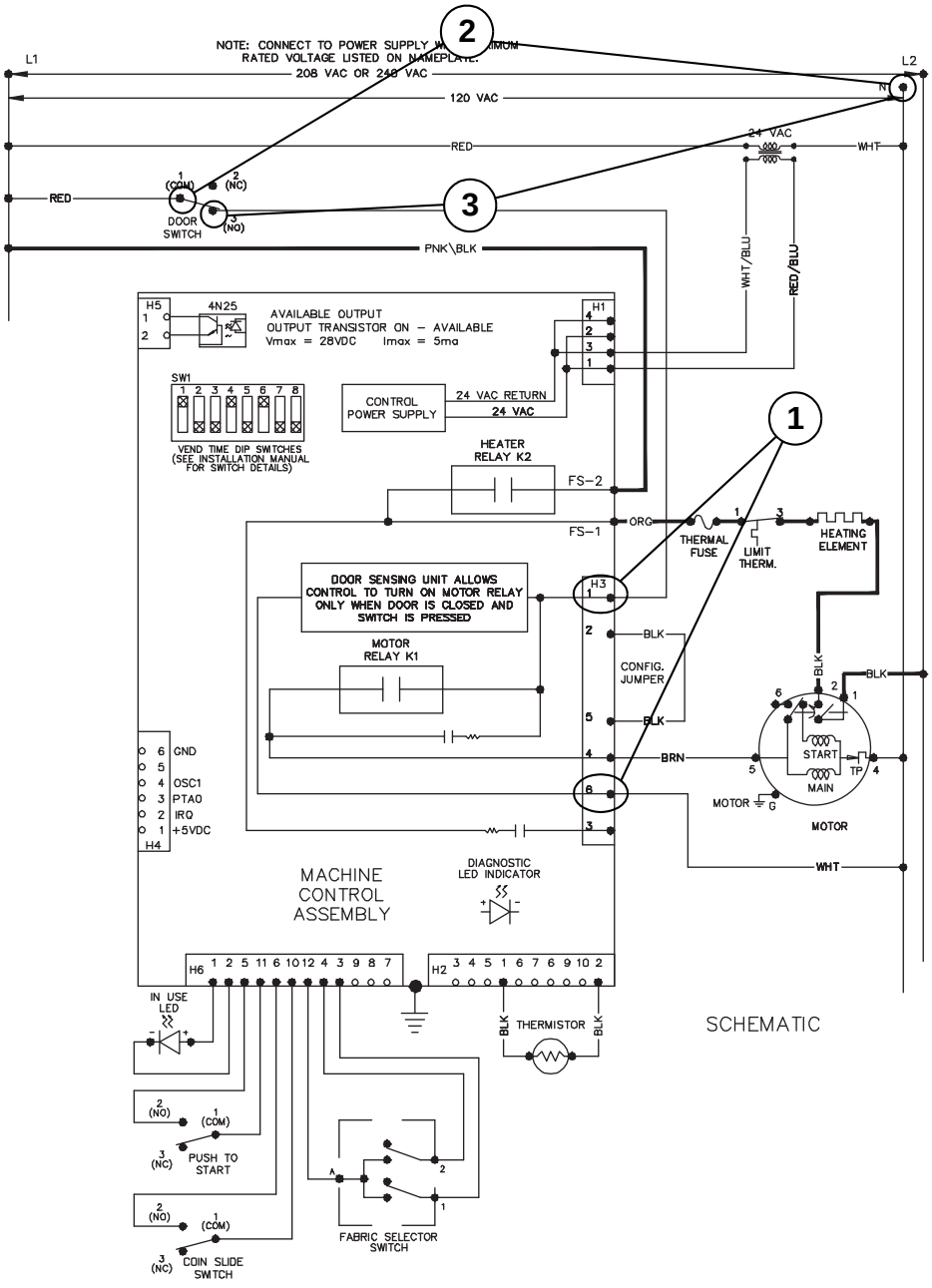
511721R1

23. Electric Dryer – No Motor Run – Door Open Analysis



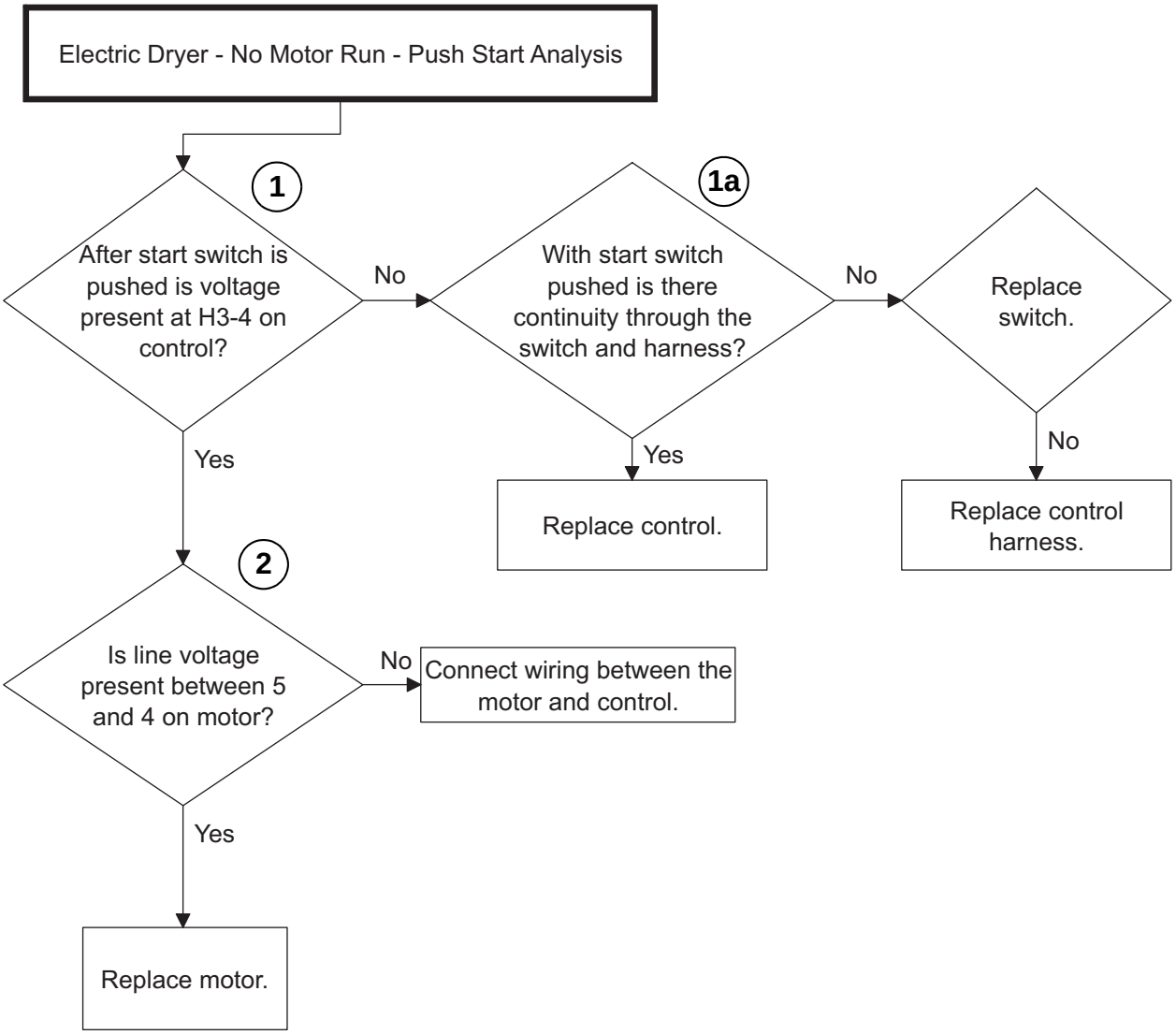
DRY1842S

Electric Dryer – No Motor Run – Door Open Analysis



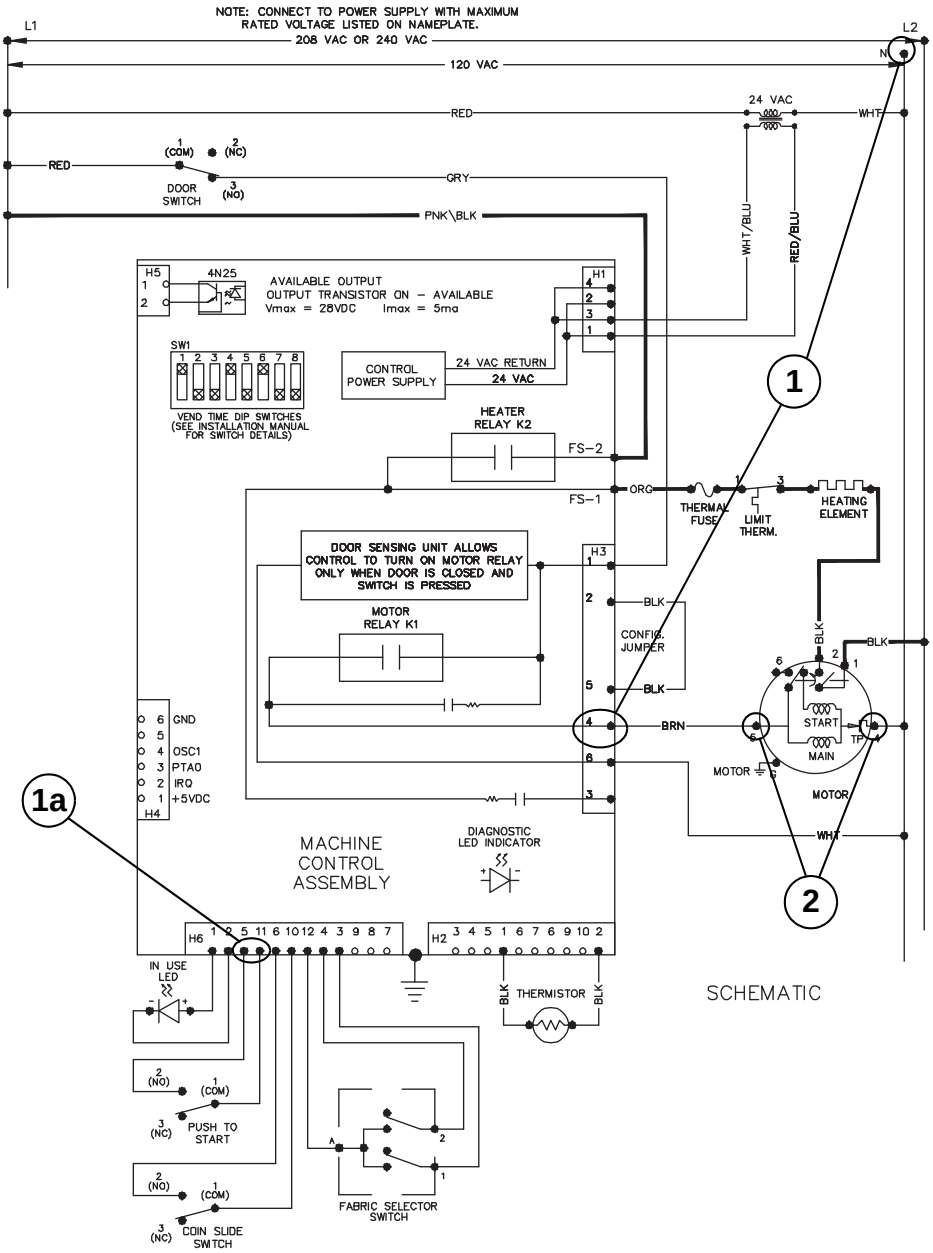
511720R1

24. Electric Dryer – No Motor Run – Push Start Analysis



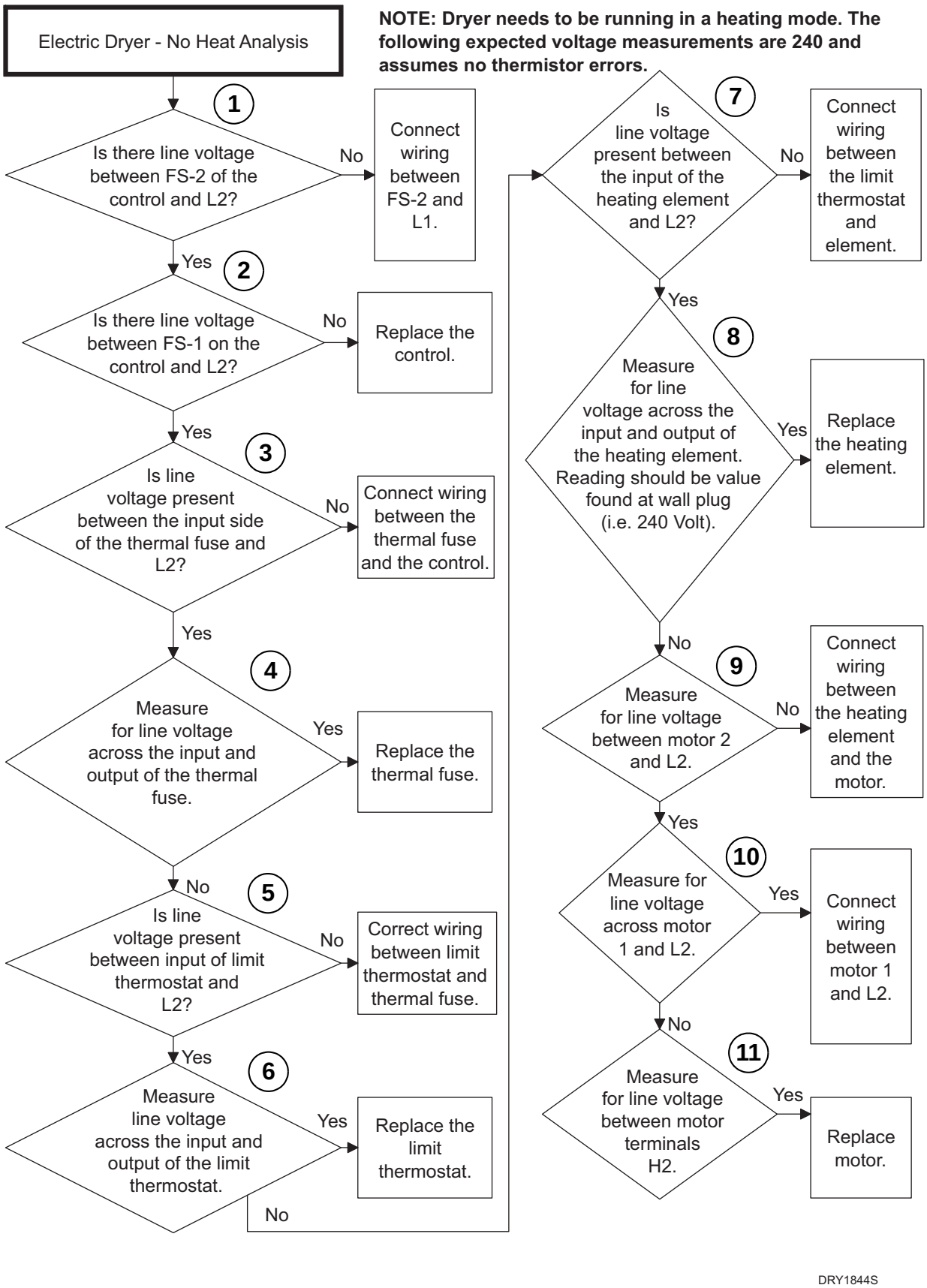
DRY1843S

Electric Dryer – No Motor Run – Push Start Analysis

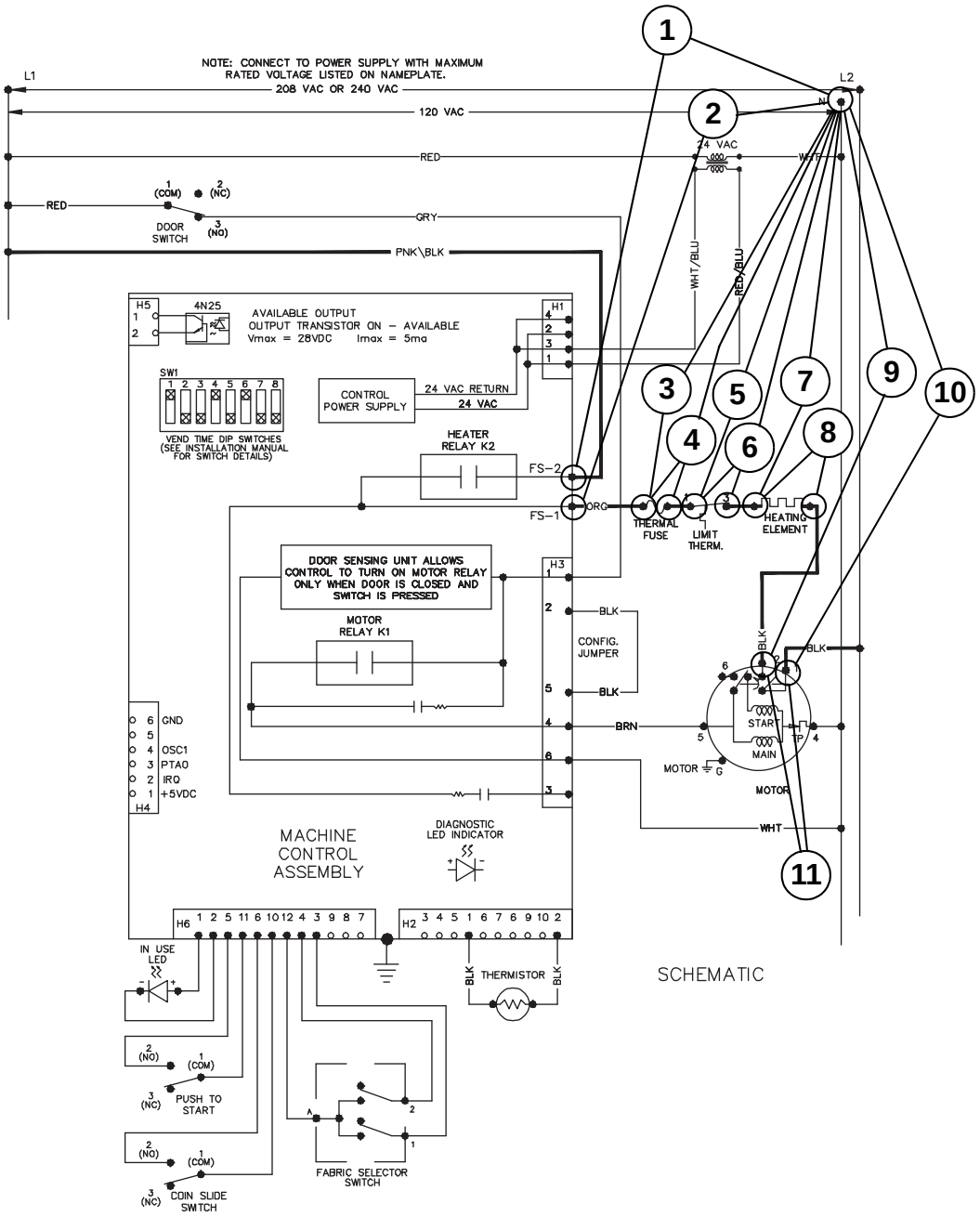


511720R1

25. Electric Dryer – No Heat Analysis



Electric Dryer – No Heat Analysis



511720R1

Section 5
Electronic Display Control Troubleshooting

26. Error Code Listing

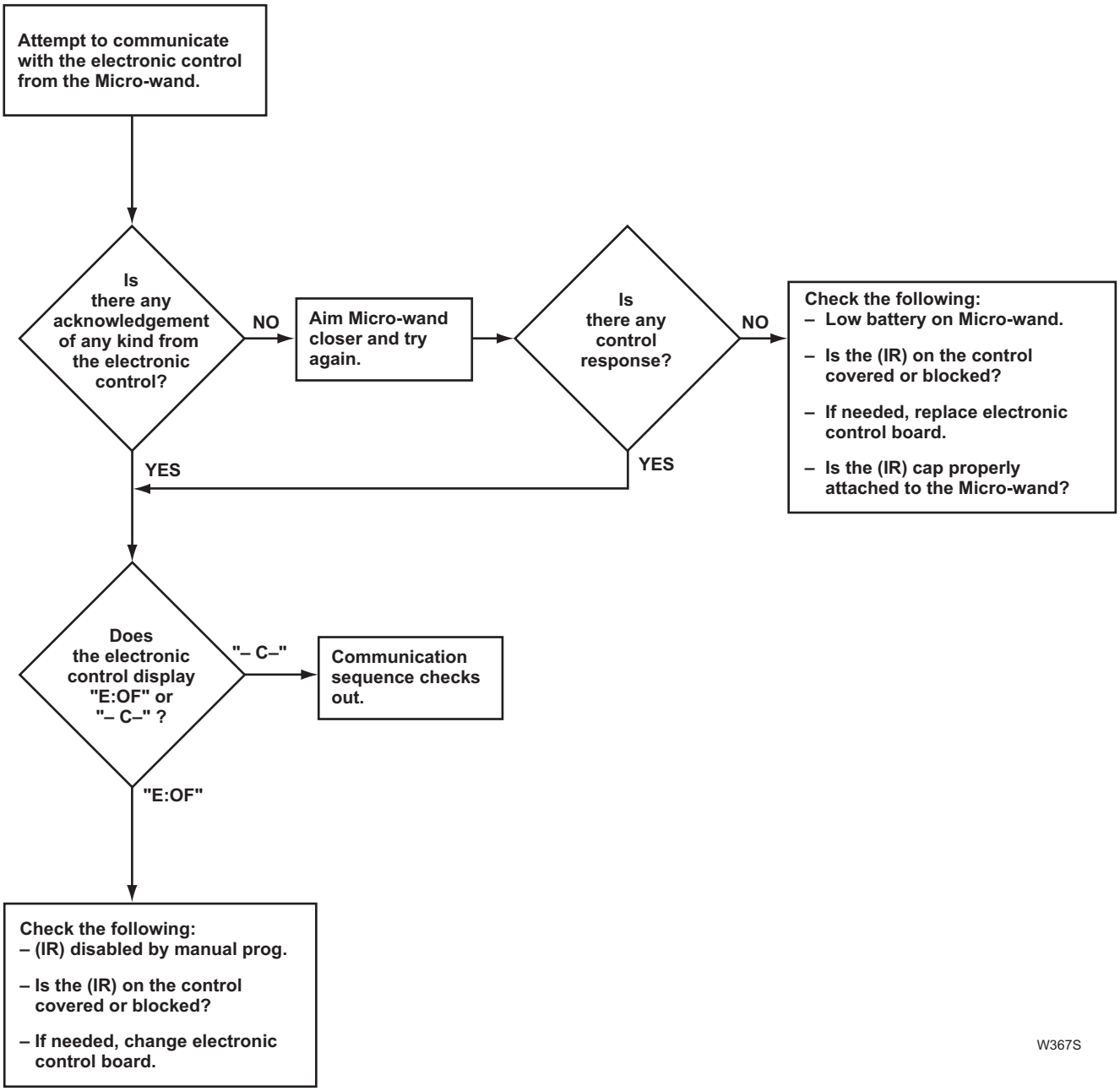
Listed below are some of the error codes that may appear on the Electronic Control.

"E:00"	General Error	
"E:01"	Proximity Error	Micro-wand IIIe is improperly aimed at Infrared communicator (angle or distance): Reaim Micro-wand IIIe.
"E:02"	IR Communication Disconnection	Micro-wand IIIe prematurely pulled away from Electronic Control during infrared communication: Maintain infrared connection between Micro-wand IIIe and Electronic Control during communication.
"E:05"	Invalid Value Communication	Invalid code downloaded from Micro-wand IIIe to Electronic Control:
"E:07"	Inoperative Control	Replace Electronic Control.
"E:08"	Inoperative Control	Replace Electronic Control.
"E:09"	Proximity Error	Micro-wand IIIe is improperly aimed at Infrared communicator (angle or distance): Reaim Micro-wand IIIe.
"E:0A"	Proximity Error	Micro-wand IIIe is improperly aimed at Infrared communicator (angle or distance): Reaim Micro-wand IIIe.
"E:0B"	IR Communication Disconnection	Micro-wand IIIe prematurely pulled away from Electronic Control during infrared communication: Maintain infrared connection between Micro-wand IIIe and Electronic Control during communication.
"E:0C"	IR Communication Disconnection	Micro-wand IIIe prematurely pulled away from Electronic Control during infrared communication: Maintain infrared connection between Micro-wand IIIe and Electronic Control during communication.
"E:0d"	Pressure Switch Error	1. Check fill and drain hoses for improper installation and kinks. 2. Check fill electrical circuit: Replace inoperative switches or wires.
"E:0F"	IR Communicator Programmed Off	Reprogram infrared communicator on.
"Err"	Coin Error	1. Inoperative coin sensor: Run the Coin Drop Diagnostic test. 2. Coin drop obstruction: Check coin drop area and remove any obstructions. 3. Customer tampering: Evaluate security procedures.
"OP"	Open Thermistor	Physical opening in the thermistor circuit: Change thermistor.
"SH"	Shorted Thermistor	Dead short in the thermistor circuit: Change thermistor.

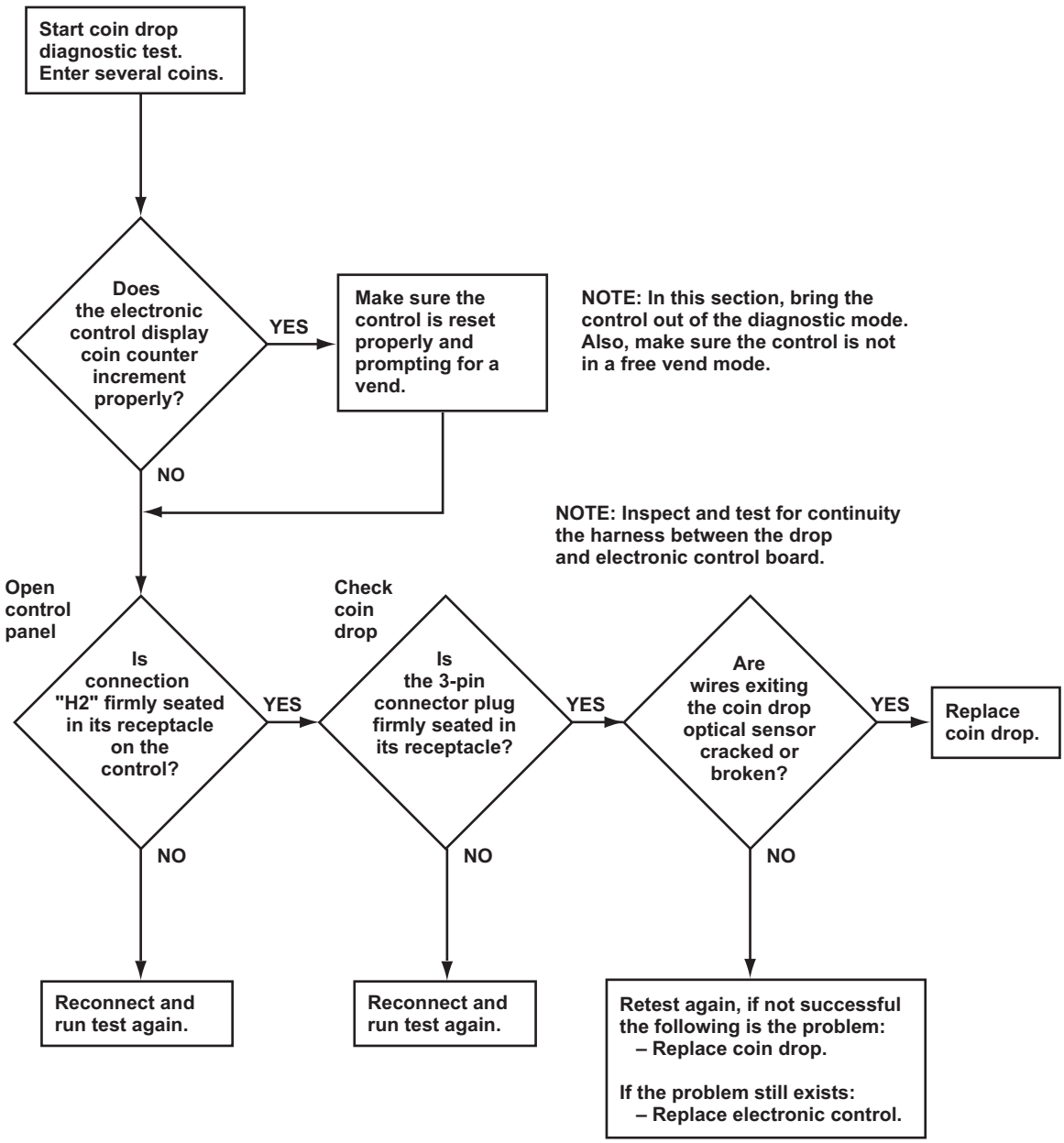
NOTE: Disconnecting power to the unit may clear the error display.

NOTE: If replacing an inoperative electronic control due to burnt pin(s) on the 6-pin wire harness connector block, it may be due to damaged terminals in the harness connector. Damaged terminals in the harness connector will appear burnt or show signs of heat discoloration on the connector block. Replace the control to avoid repeated damage.

27. Cannot Perform Infrared Communication



28. Coins Ignored When Entered



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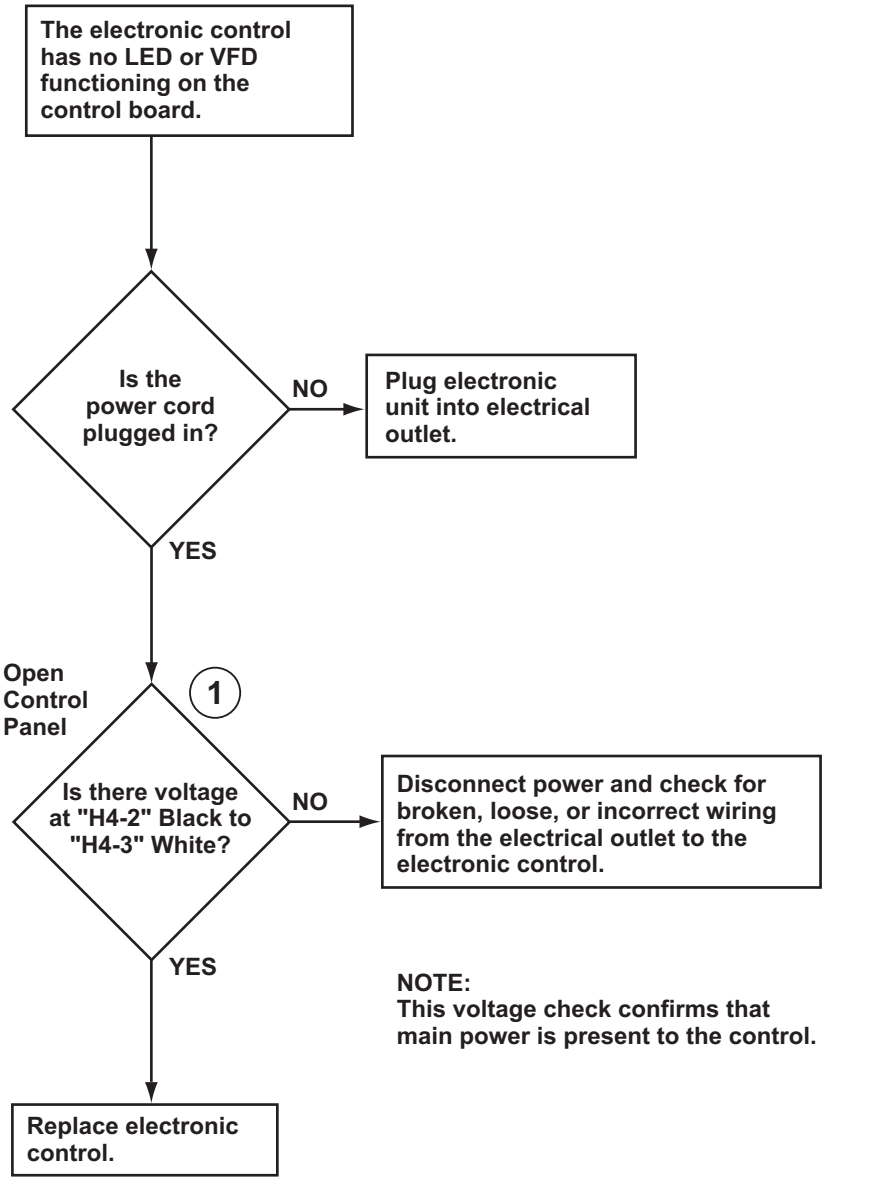
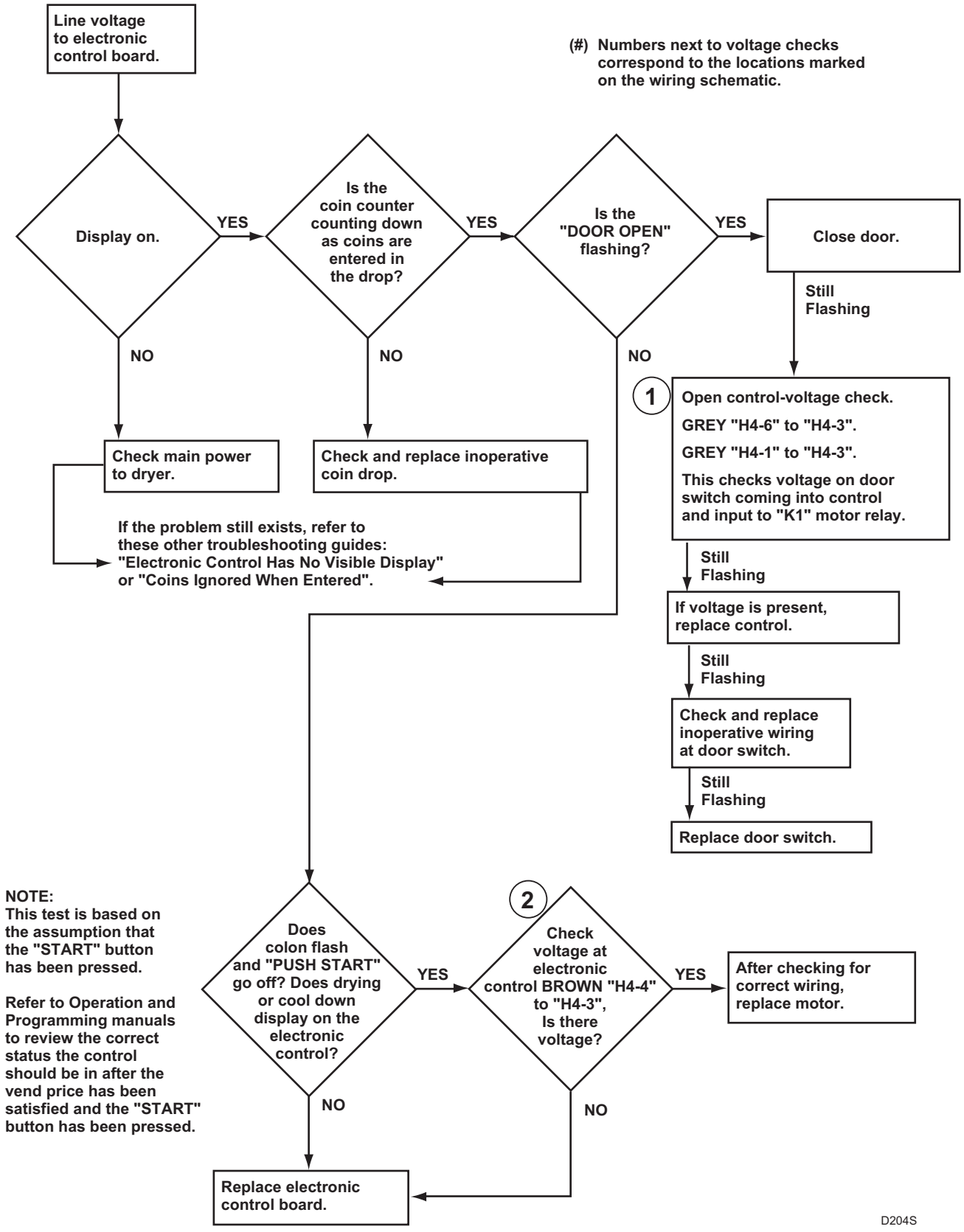
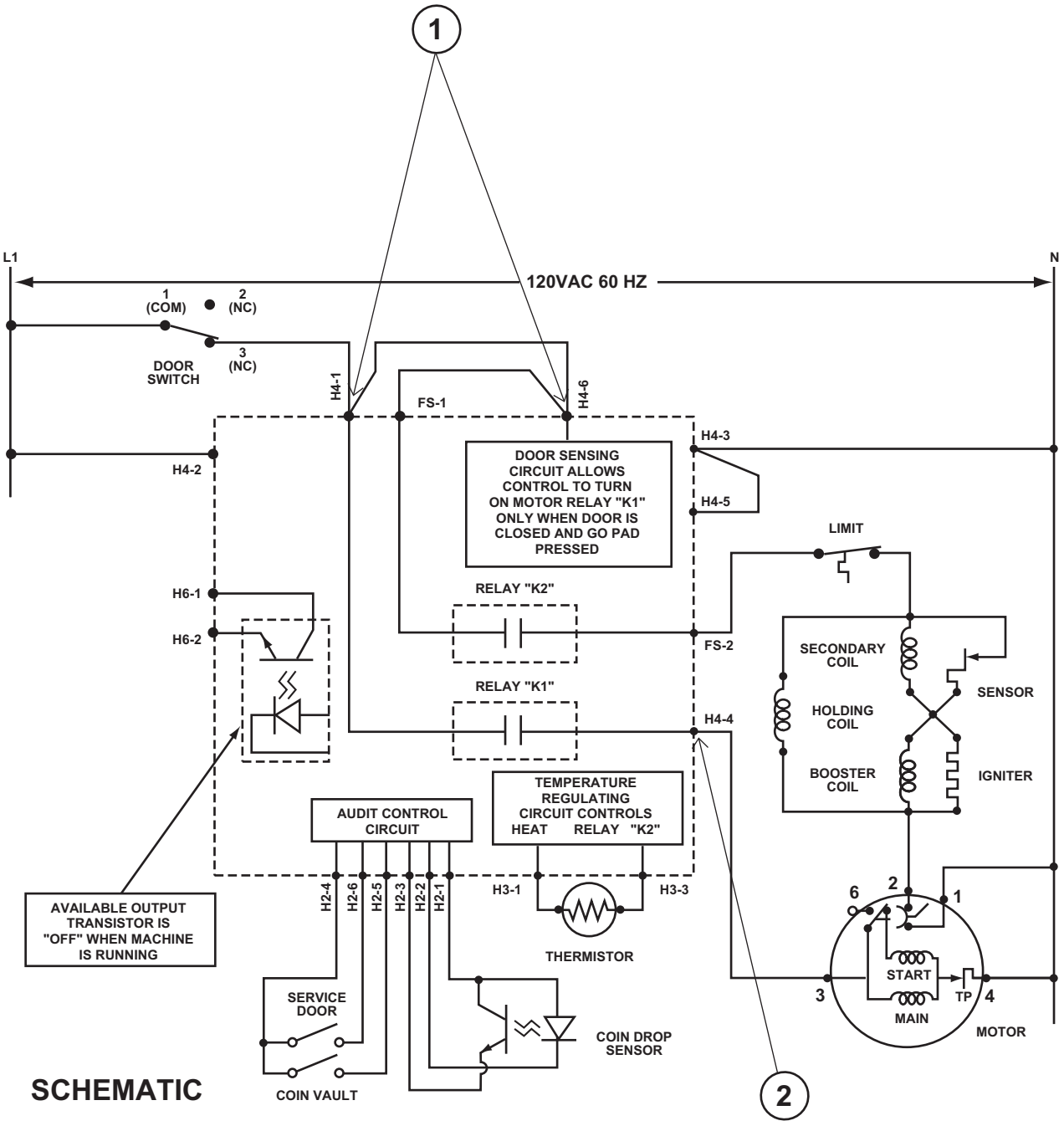
29. Electronic Control Has No Visible Display



30. No Motor Run – “Door Open” Analysis – Gas Dryer



No Motor Run – “Door Open” Analysis – Gas Dryer



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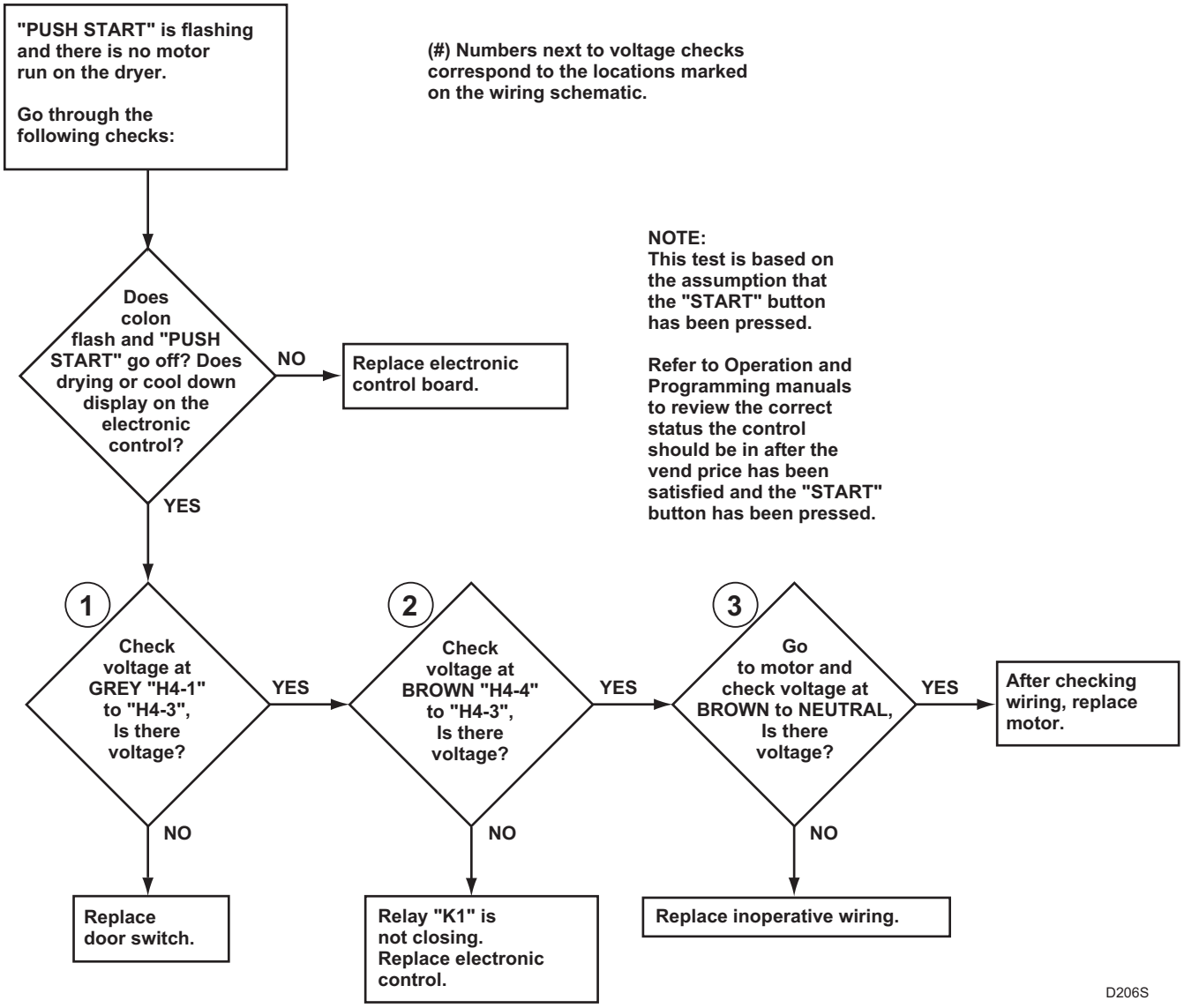
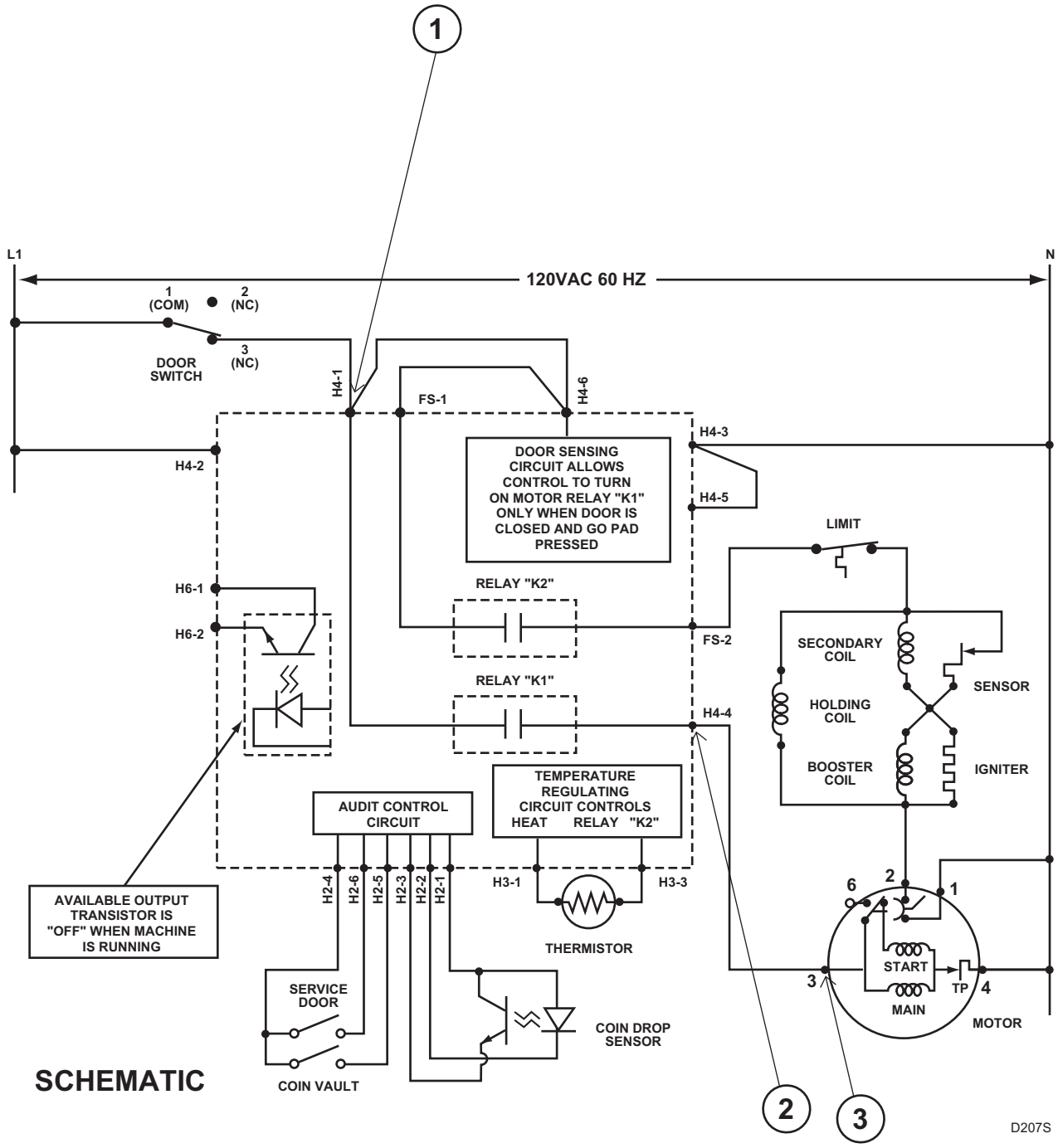
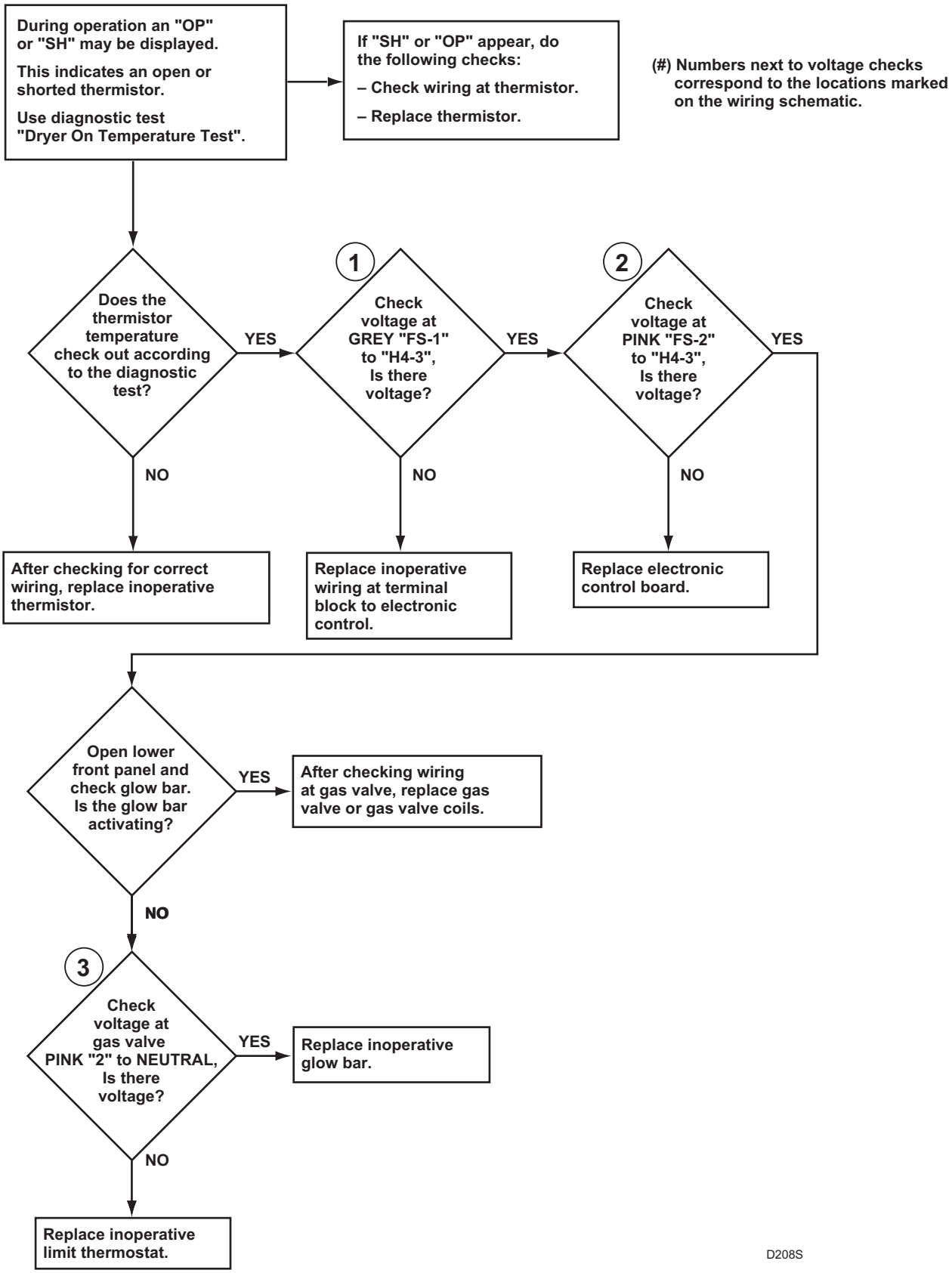
31. No Motor Run – “Push Start” Analysis – Gas Dryer



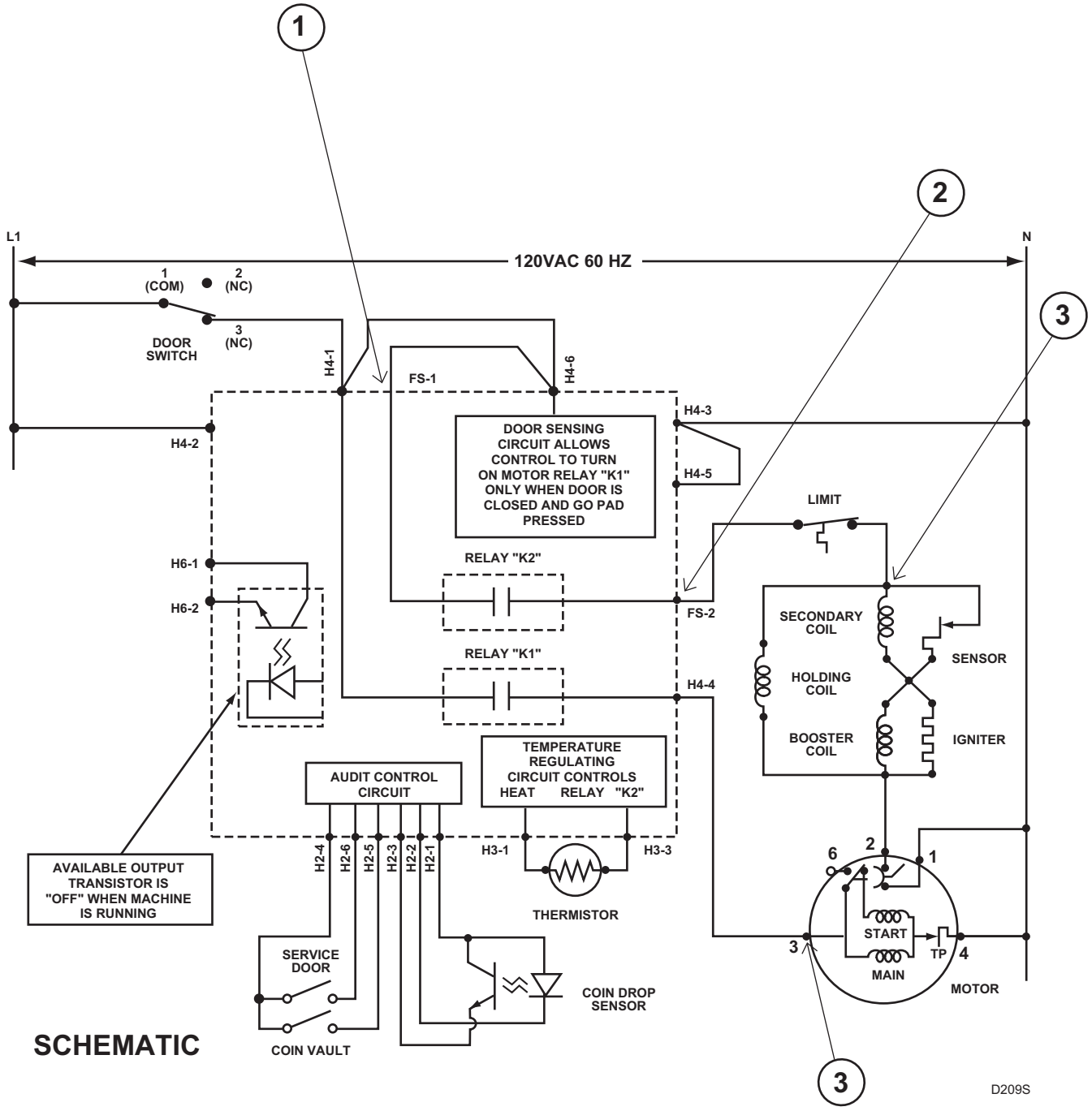
No Motor Run – “Push Start” Analysis – Gas Dryer



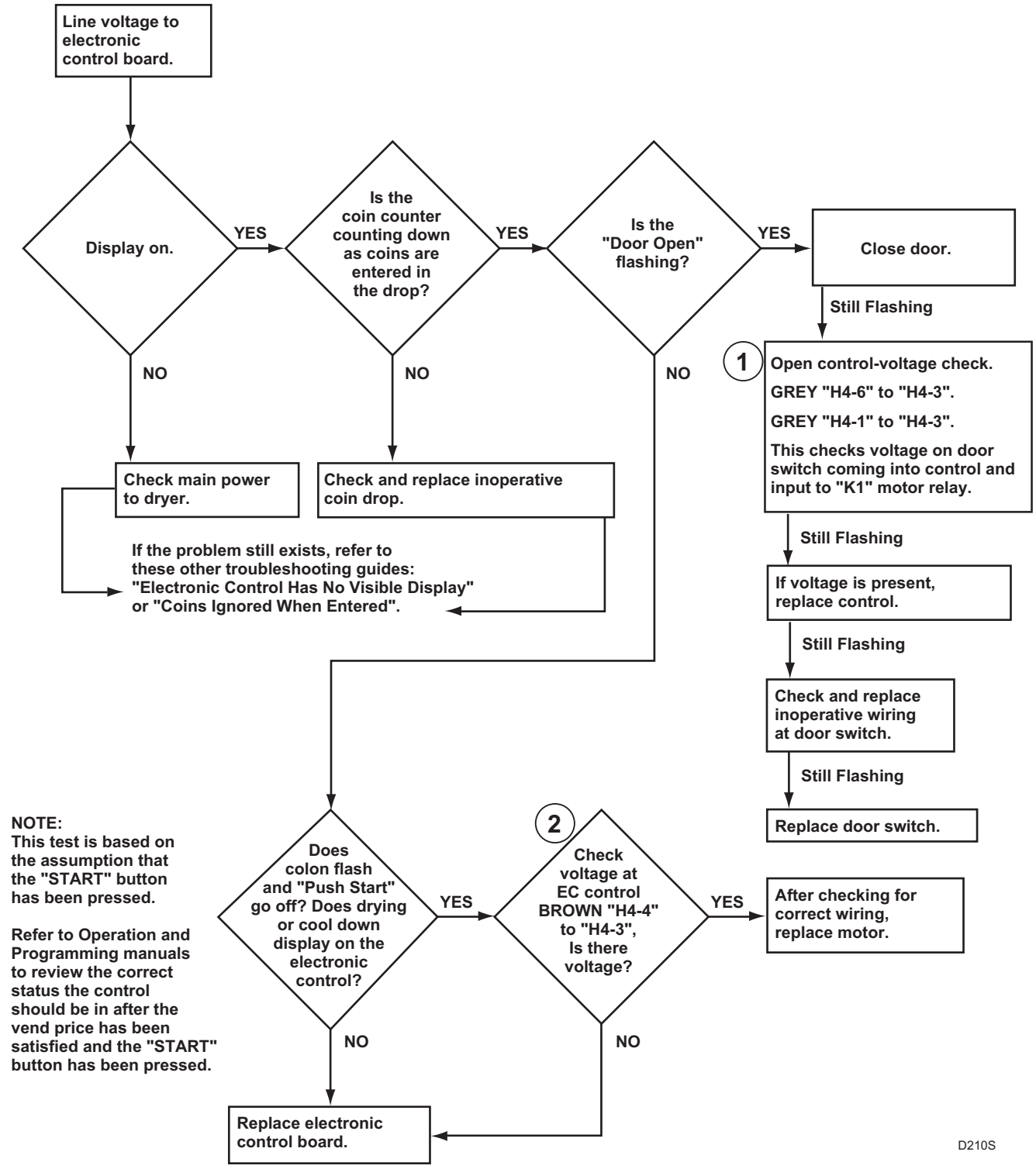
32. No Heat Analysis – Gas Dryer



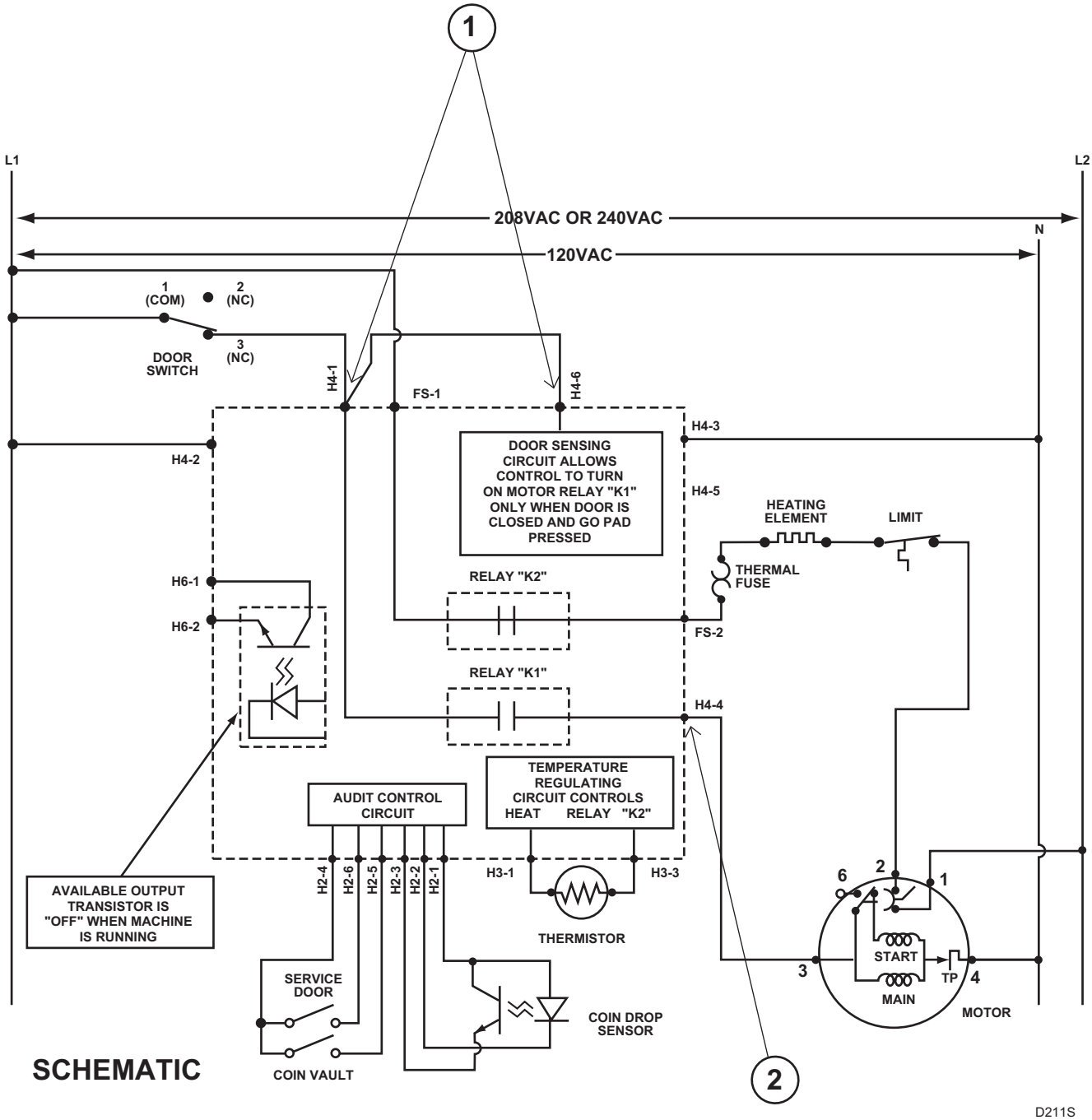
No Heat Analysis – Gas Dryer



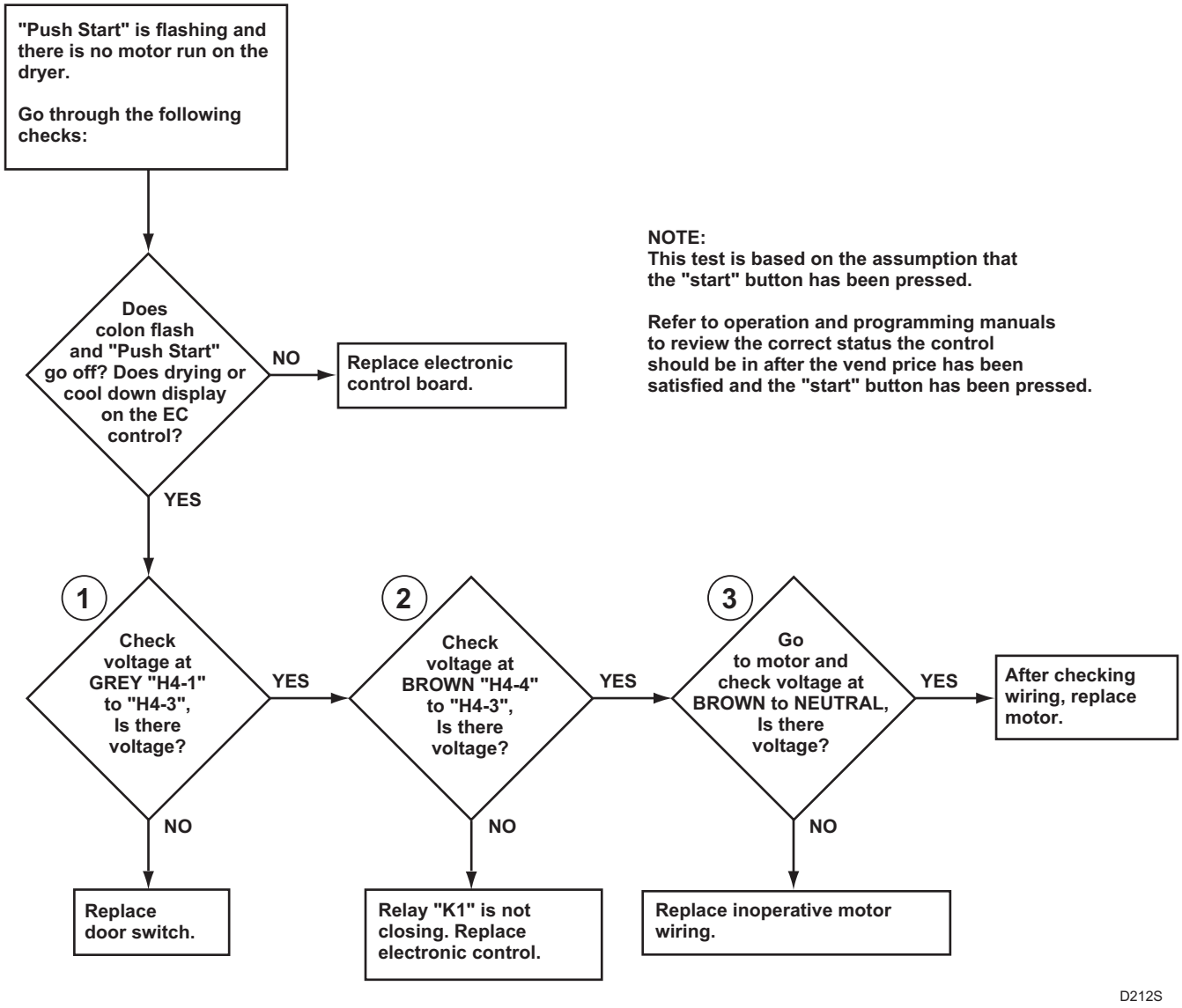
33. No Motor Run – “Door Open” Analysis – Electric Dryer



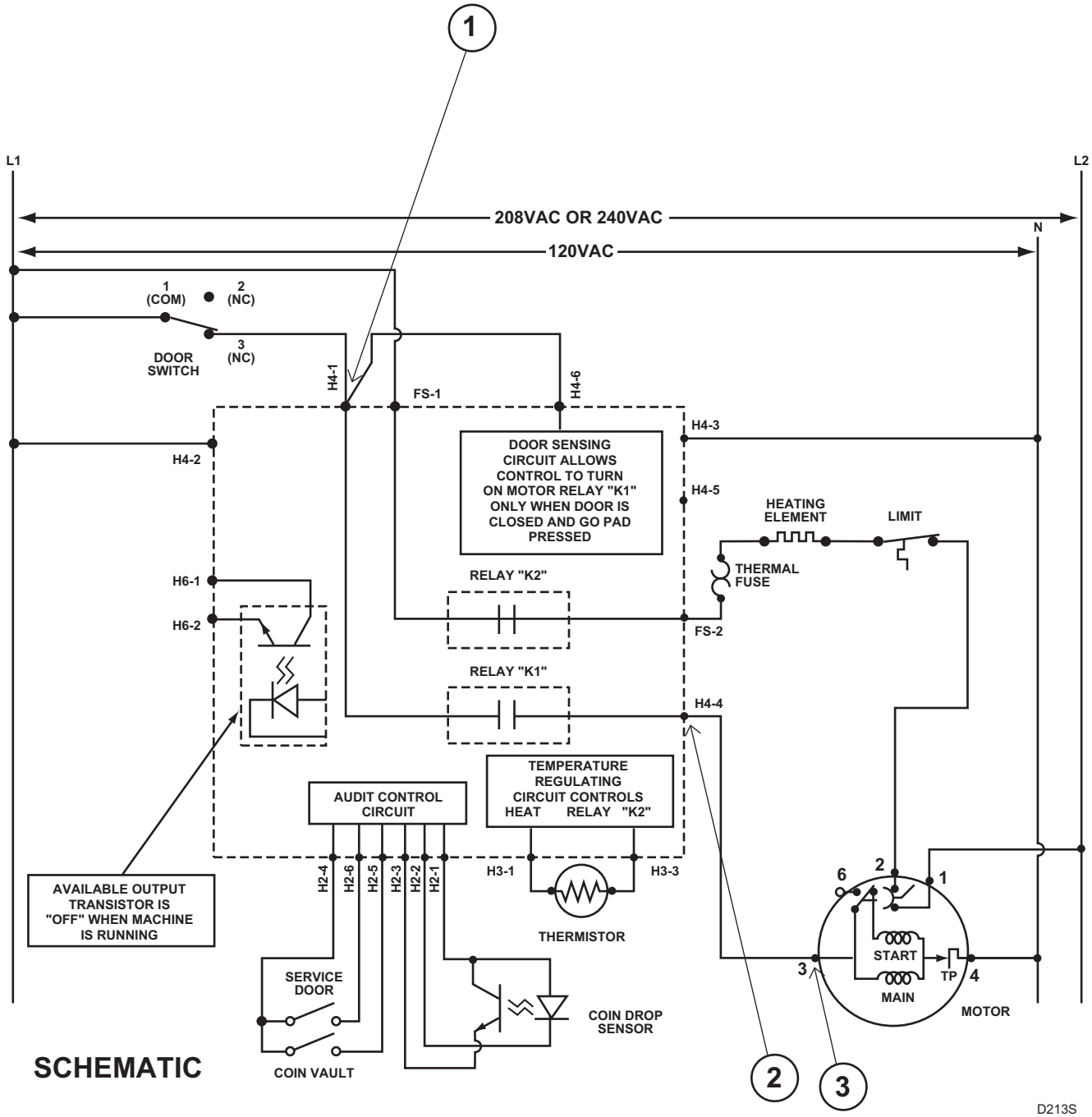
No Motor Run – “Door Open” Analysis – Electric Dryer



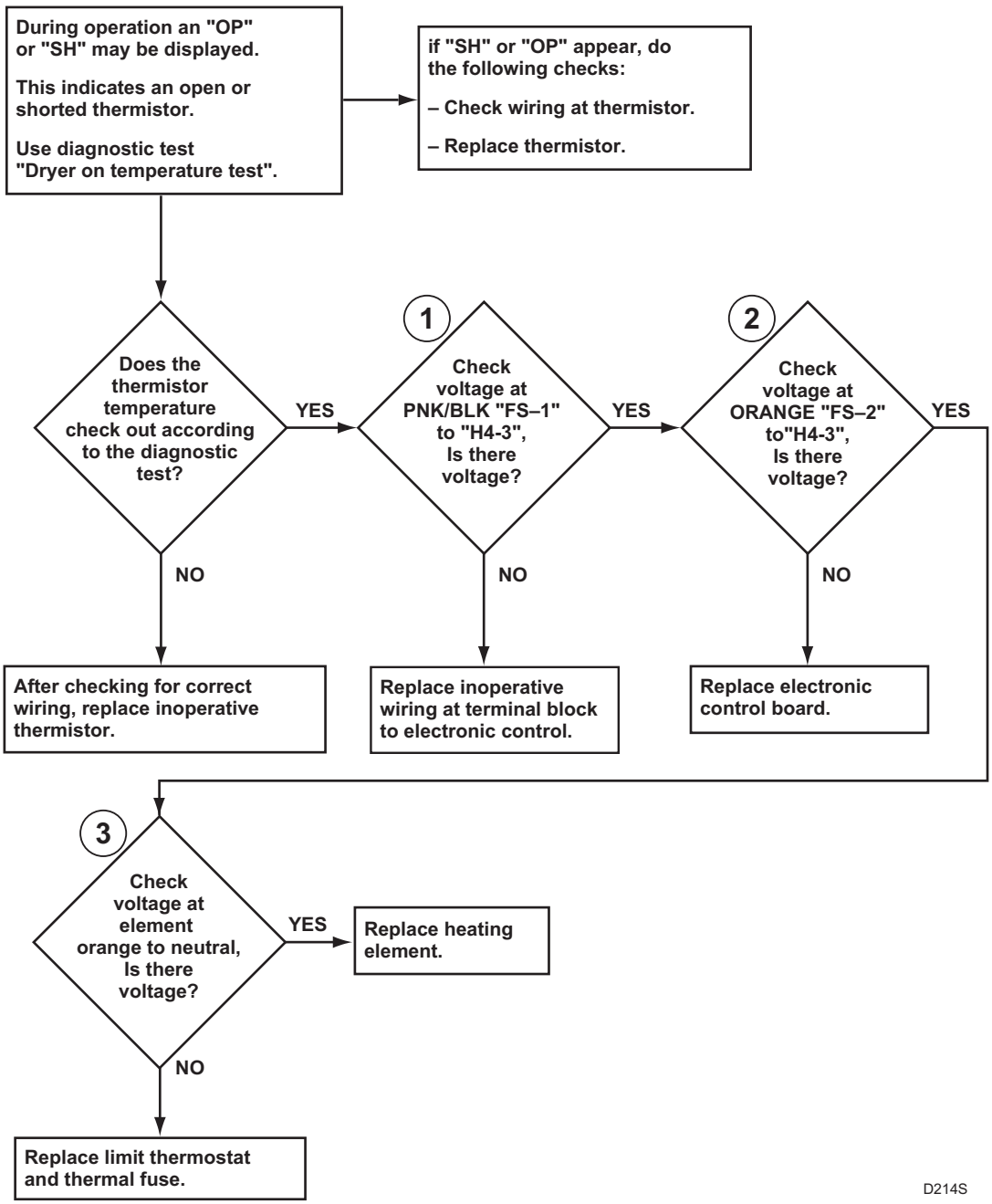
34. No Motor Run – “Push Start” Analysis – Electric Dryer



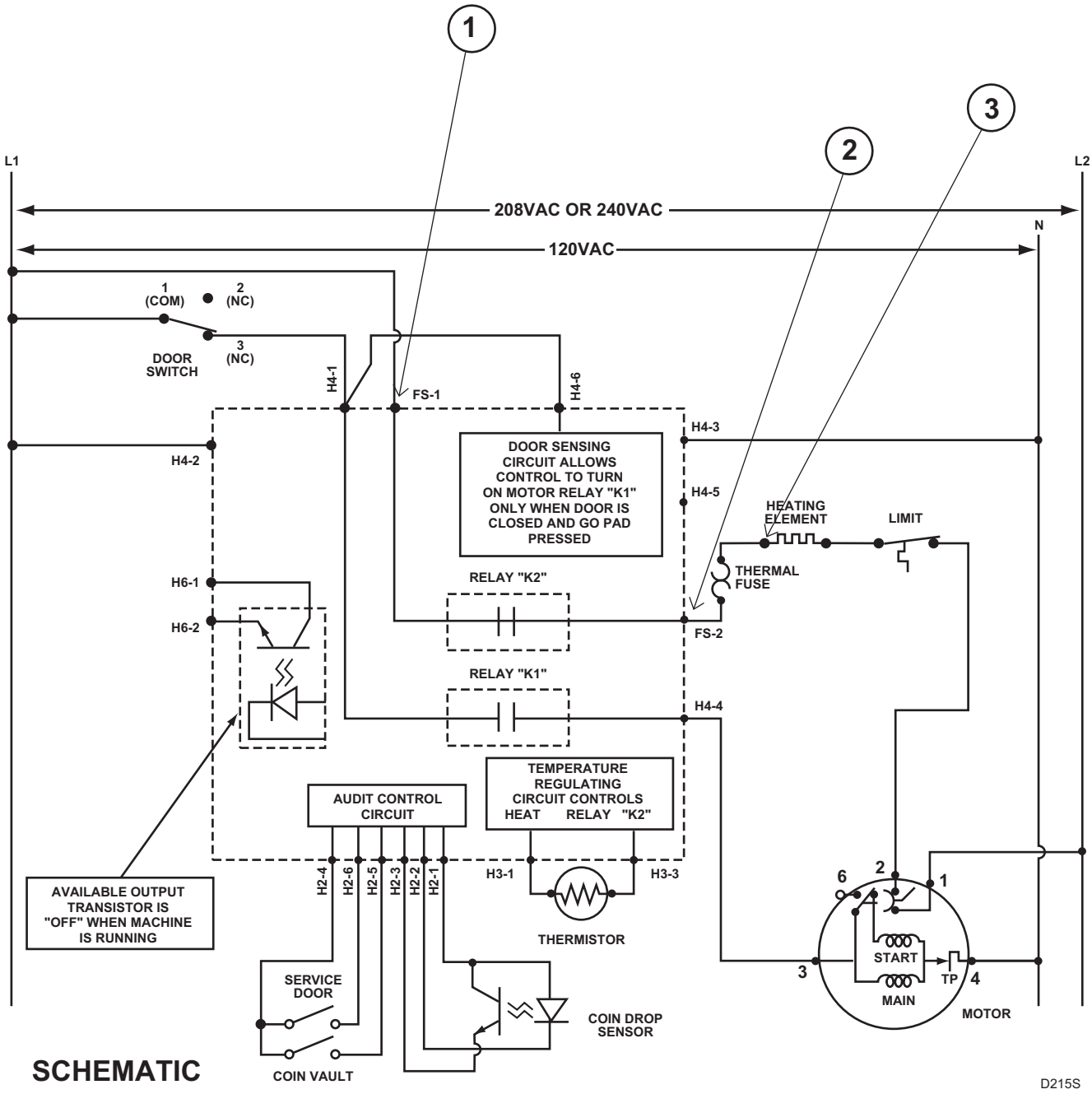
No Motor Run – “Push Start” Analysis – Electric Dryer



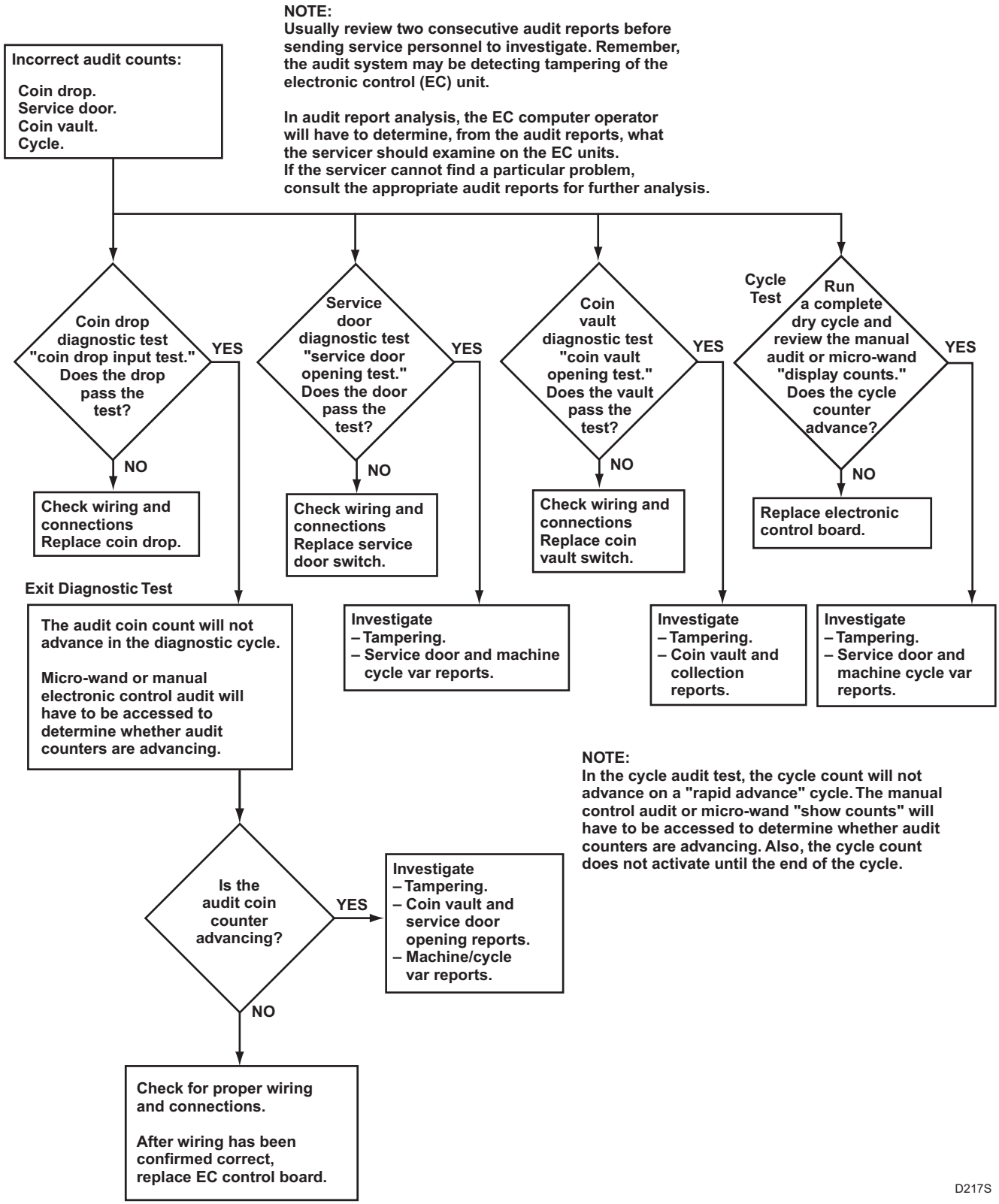
35. No Heat Analysis – Electric Dryer



No Heat Analysis – Electric Dryer



36. Audit Switch Function Analysis



Section 6
MDC Control 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.**

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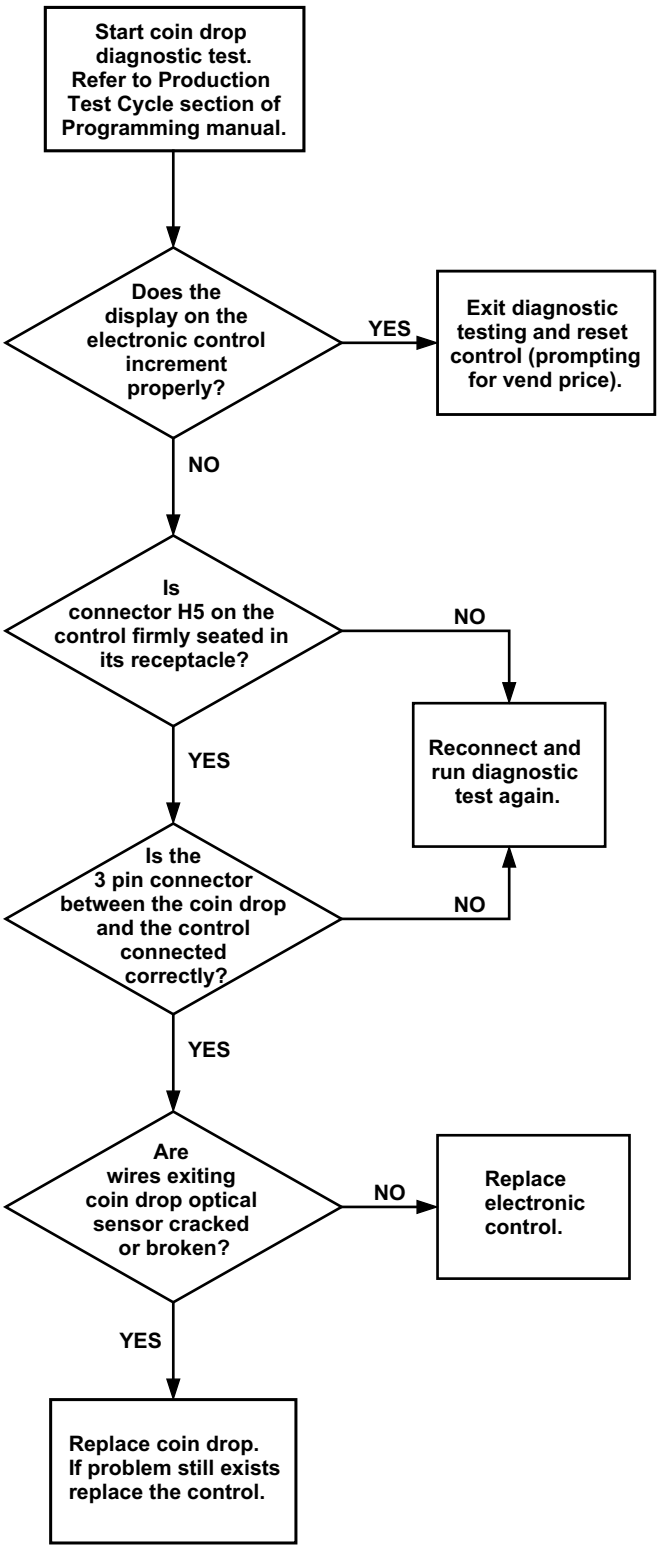
IMPORTANT: Refer to wiring diagram for aid in testing dryer components.

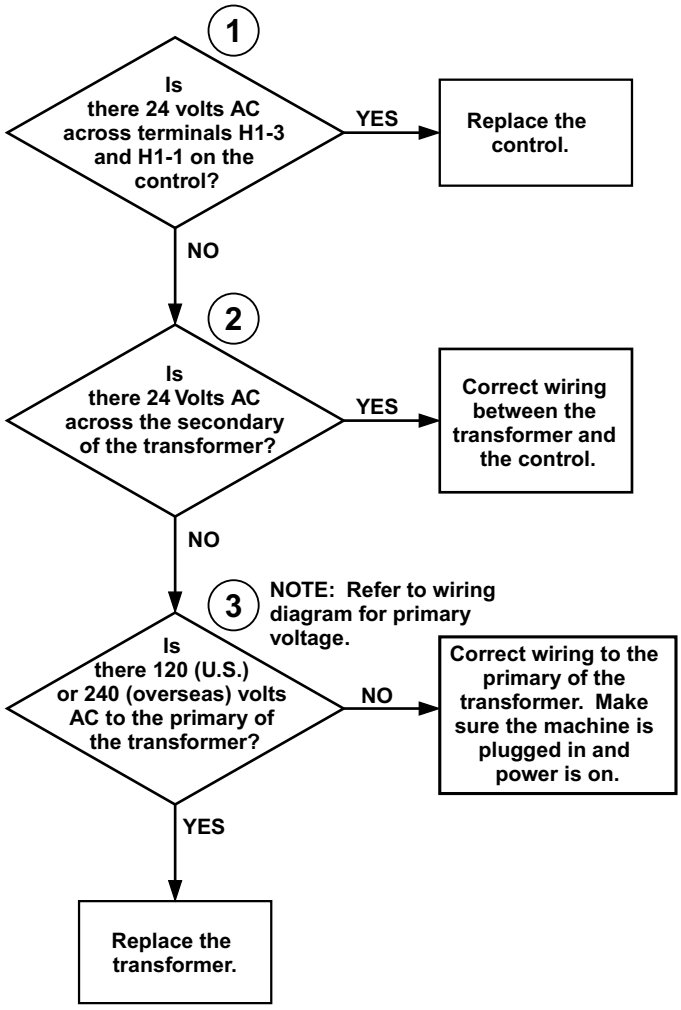
37. Error Code Listing

OP	Open Thermistor Error.	This error code indicates a physical “open” in the thermistor circuit. Possible causes are: 1) thermistor, 2) wiring between control and thermistor, or 3) control.
SH	Shorted Thermistor Error	This error code indicates a “short” in the thermistor circuit. Possible causes are: 1) Shorted thermistor, 2) a short in the wiring between control and thermistor, or 3) control.
EC:19 (Card Reader Machines)	No Card Reader Communication	This error code indicates there is no card reader communication. The control and the reader cannot communicate. Check reader, control and harness. **NOTE: For all other Card Reader errors, consult the Card Reader manufacturer.**

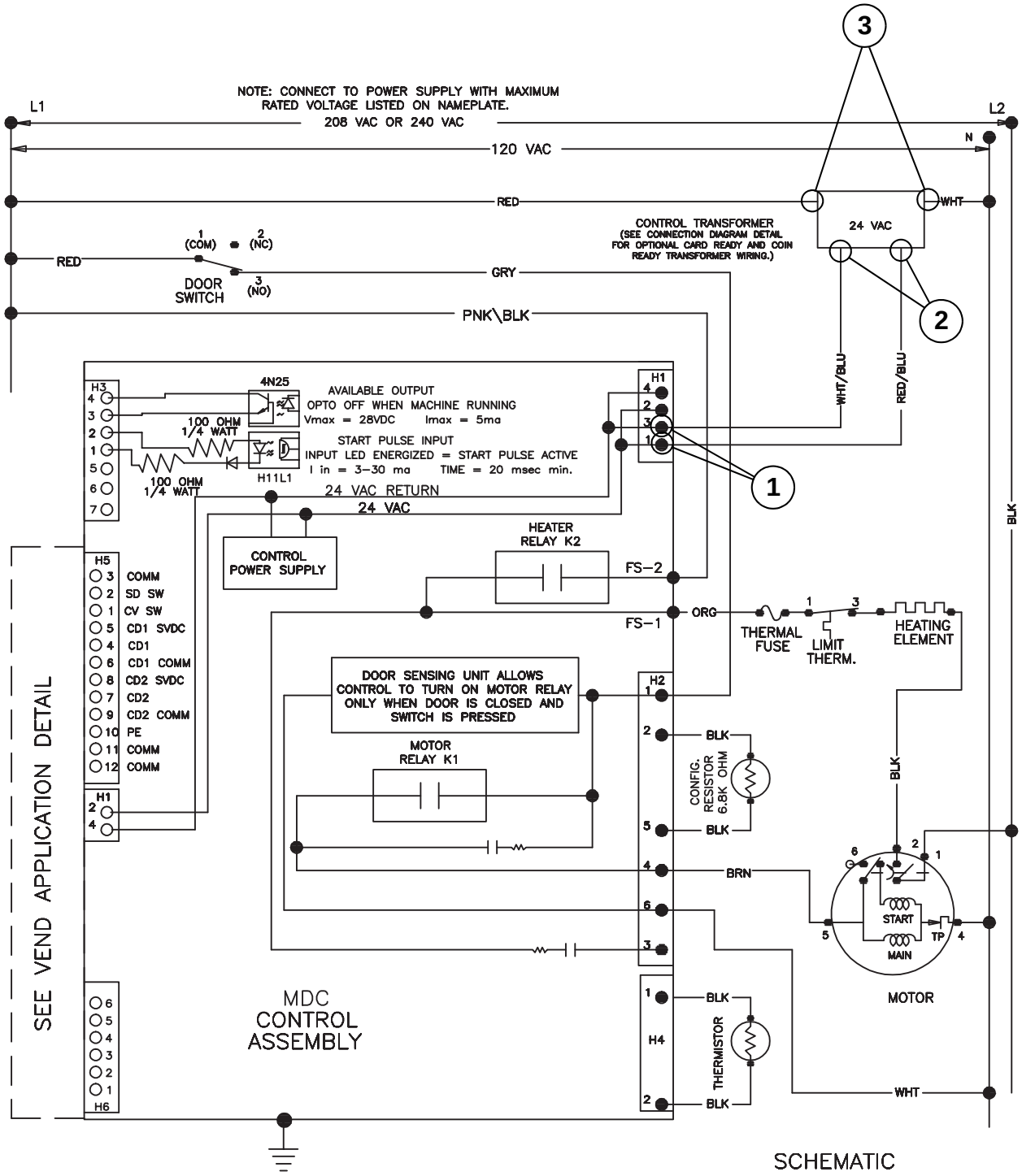
38. Coins Ignored When Entered



39. No Visible Display on Control



No Visible Display on Control



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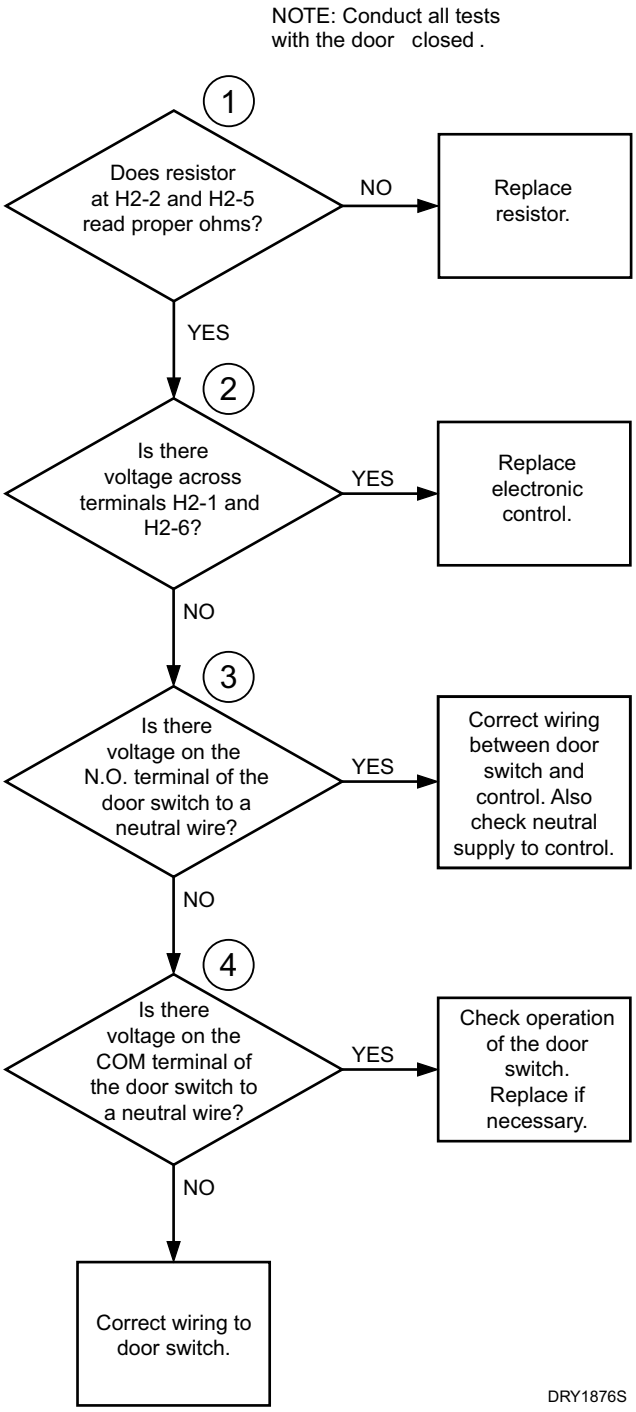
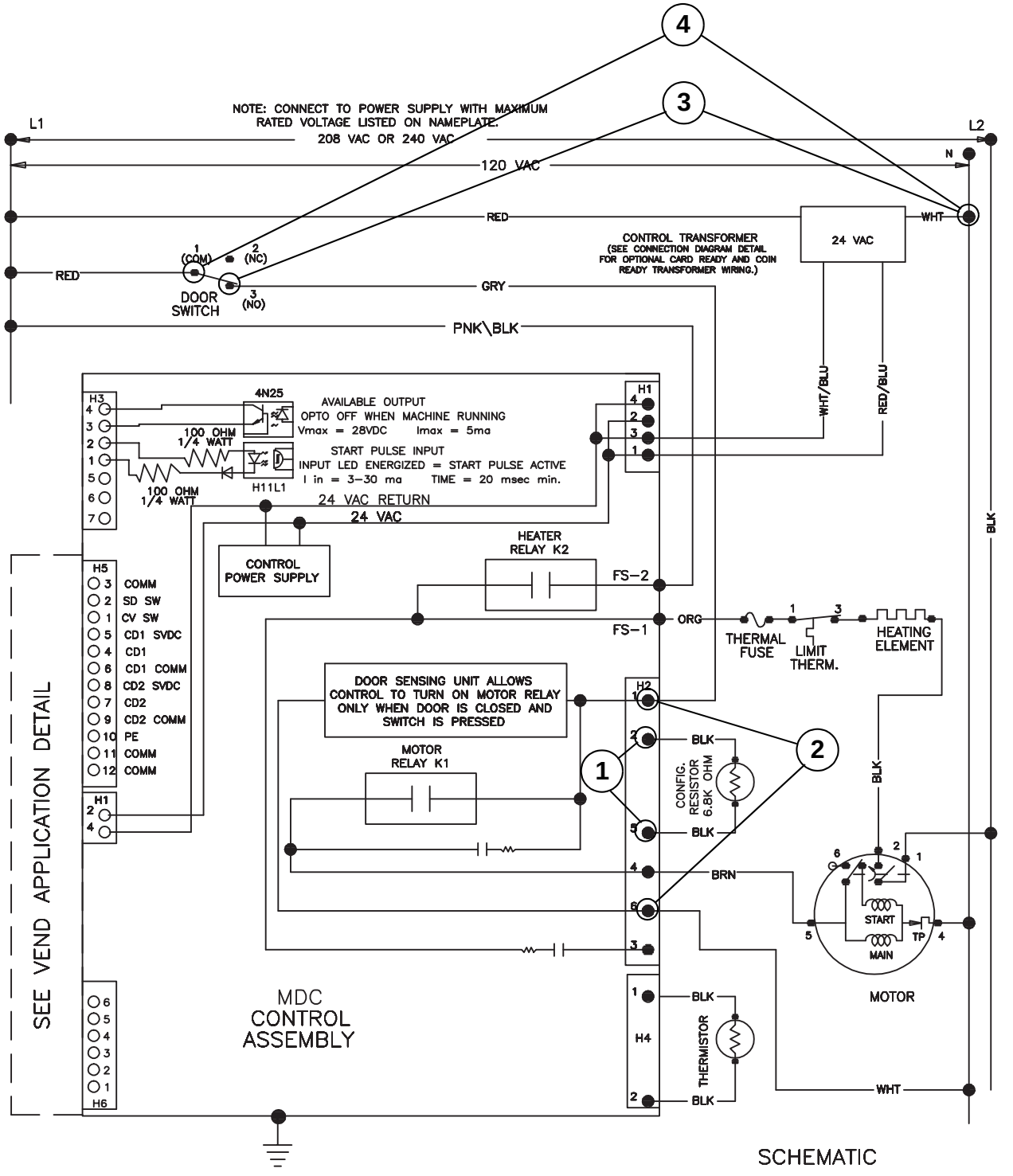
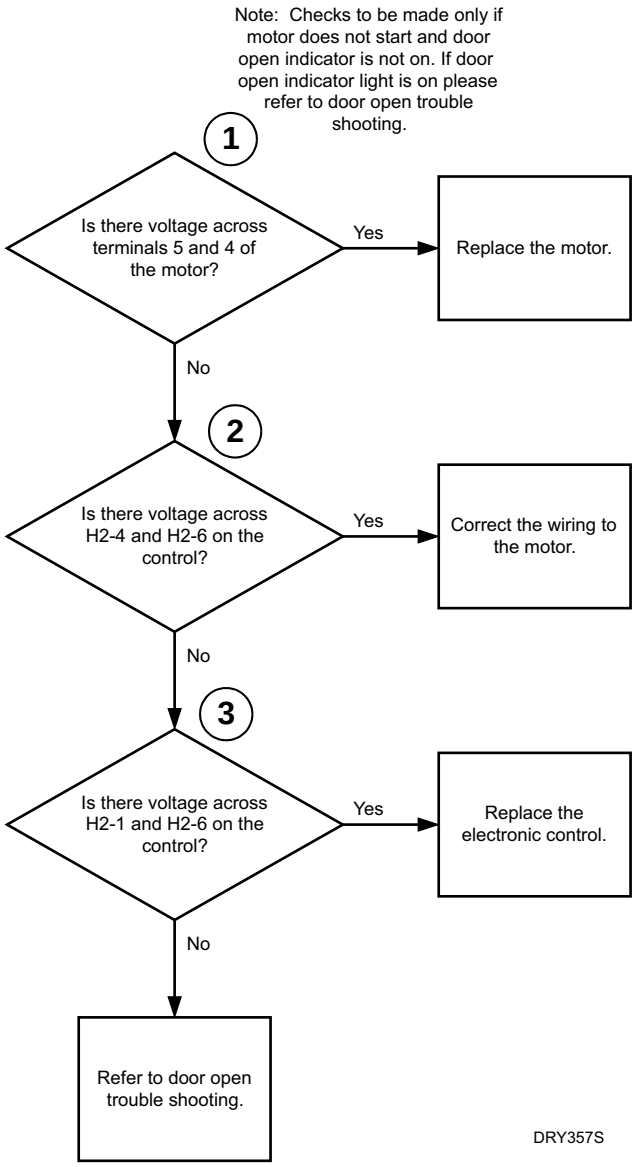
40. Door Open



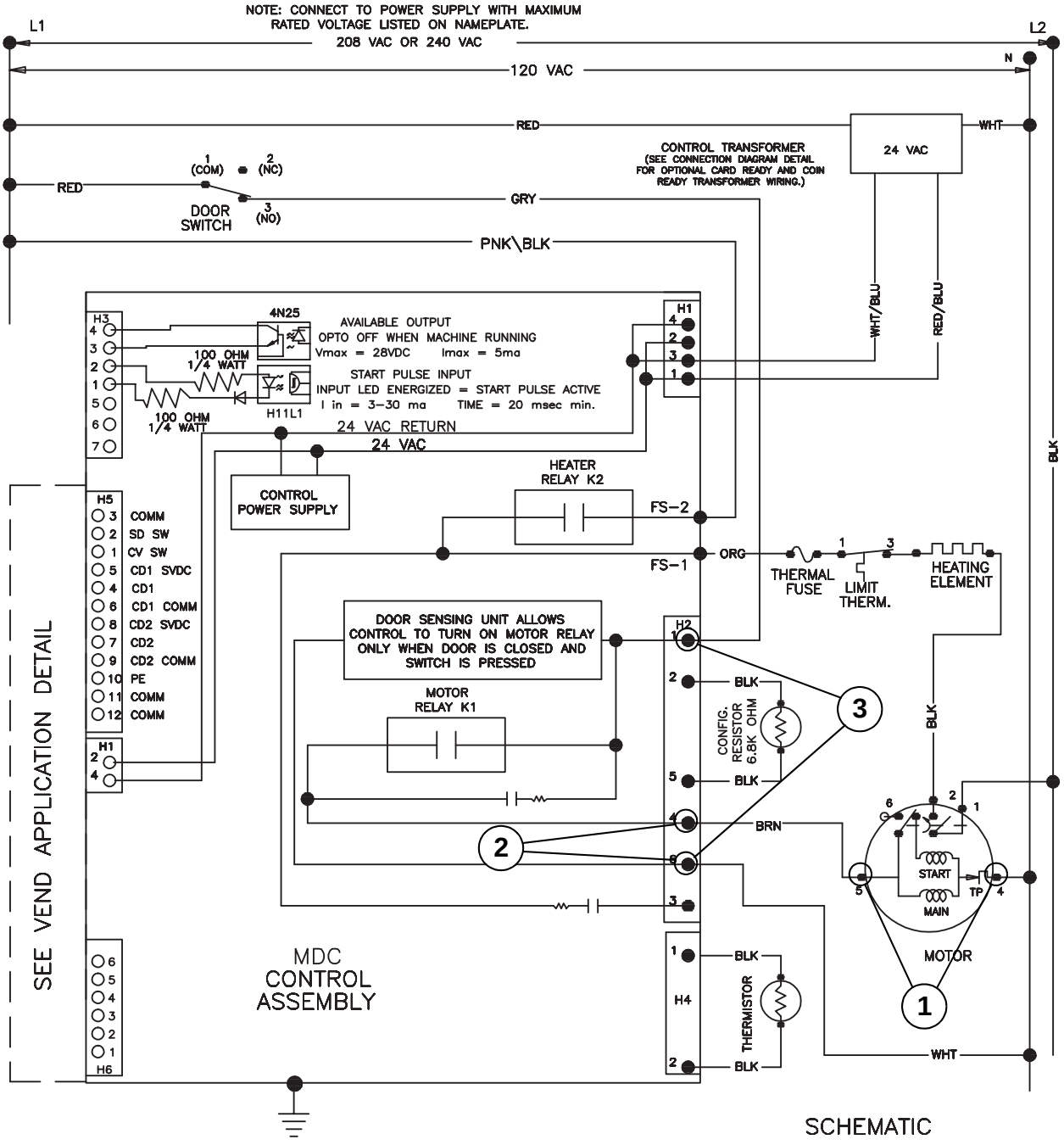
Door Open



41. Motor Will Not Start



Motor Will Not Start



SCHEMATIC

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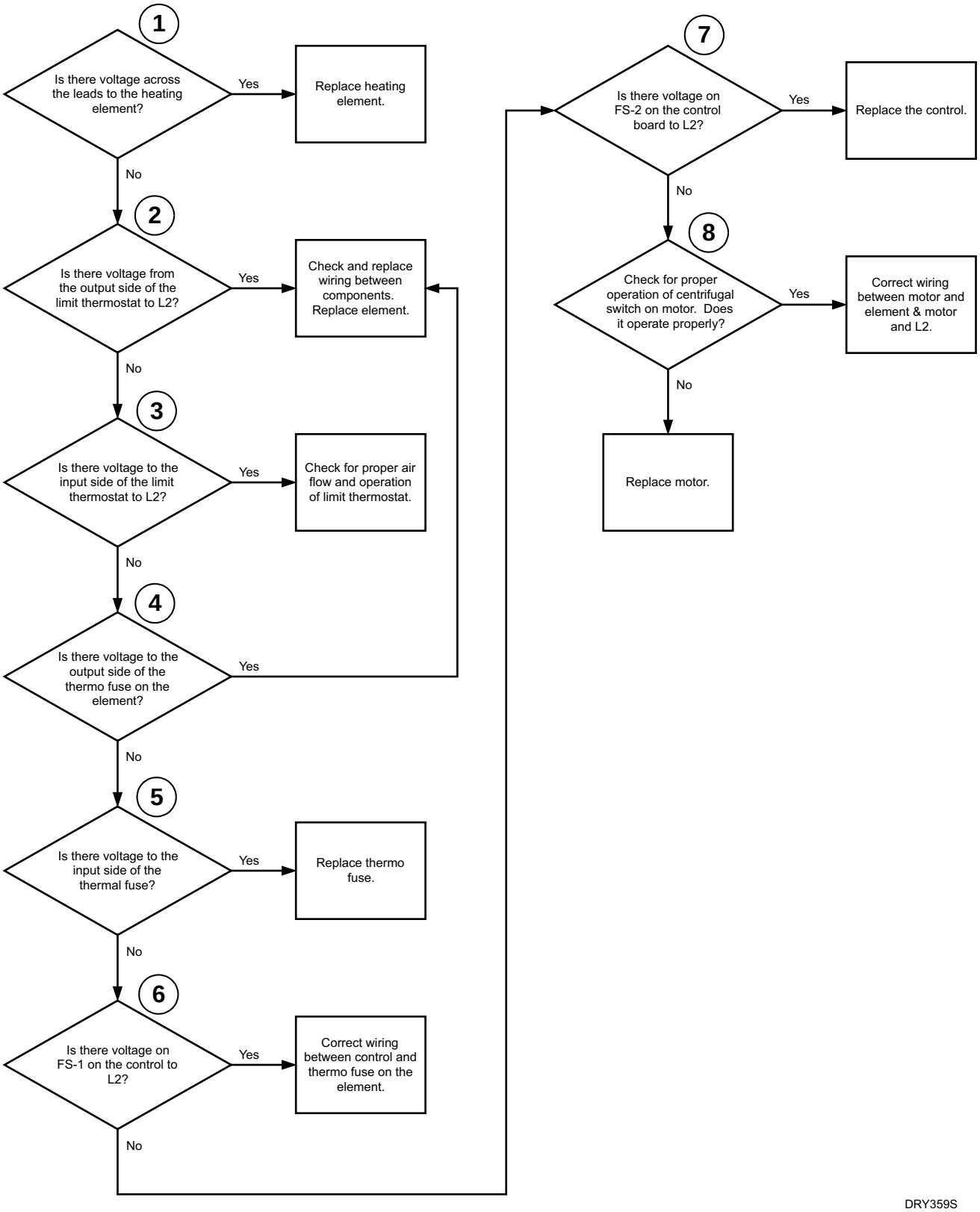
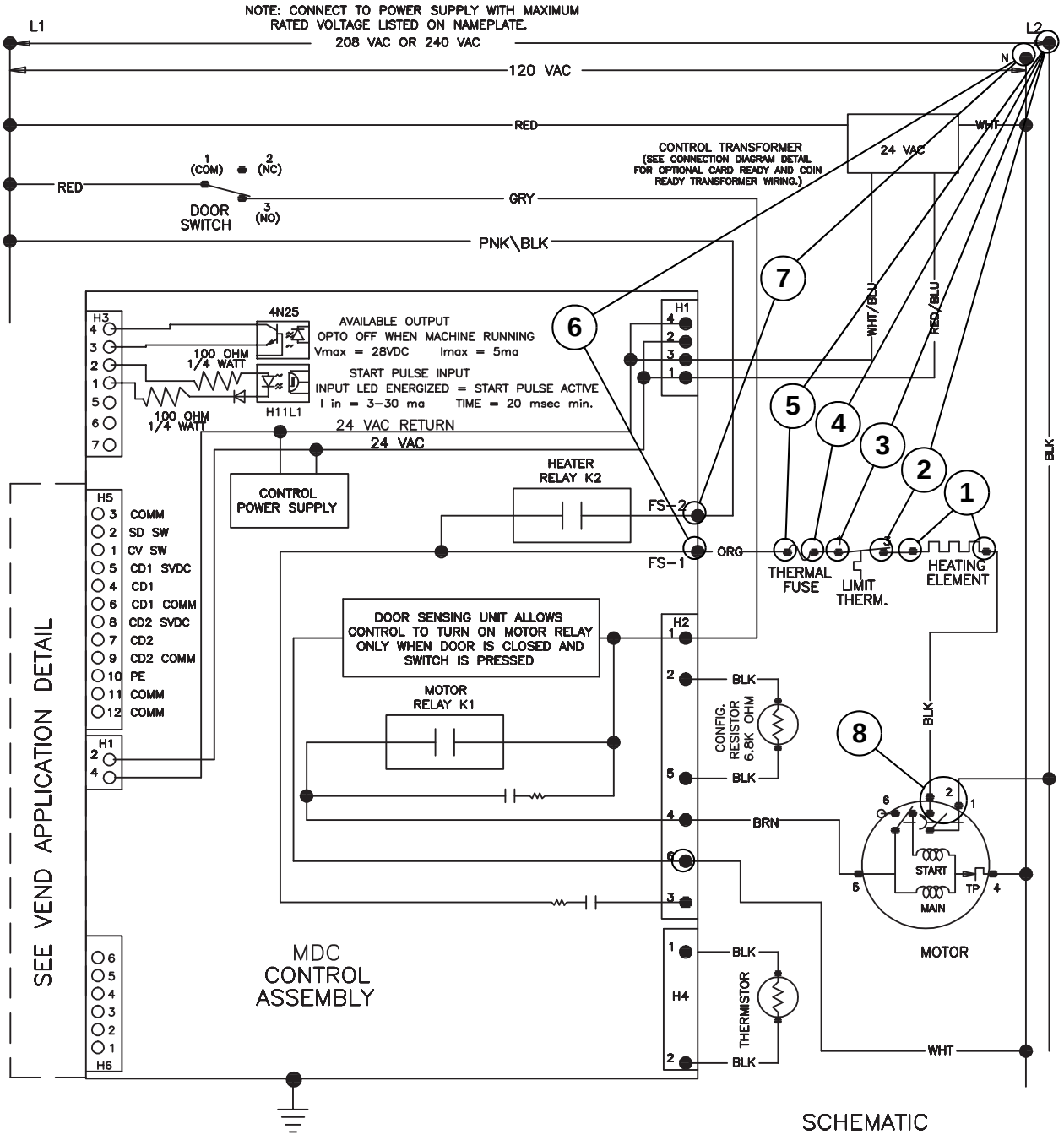
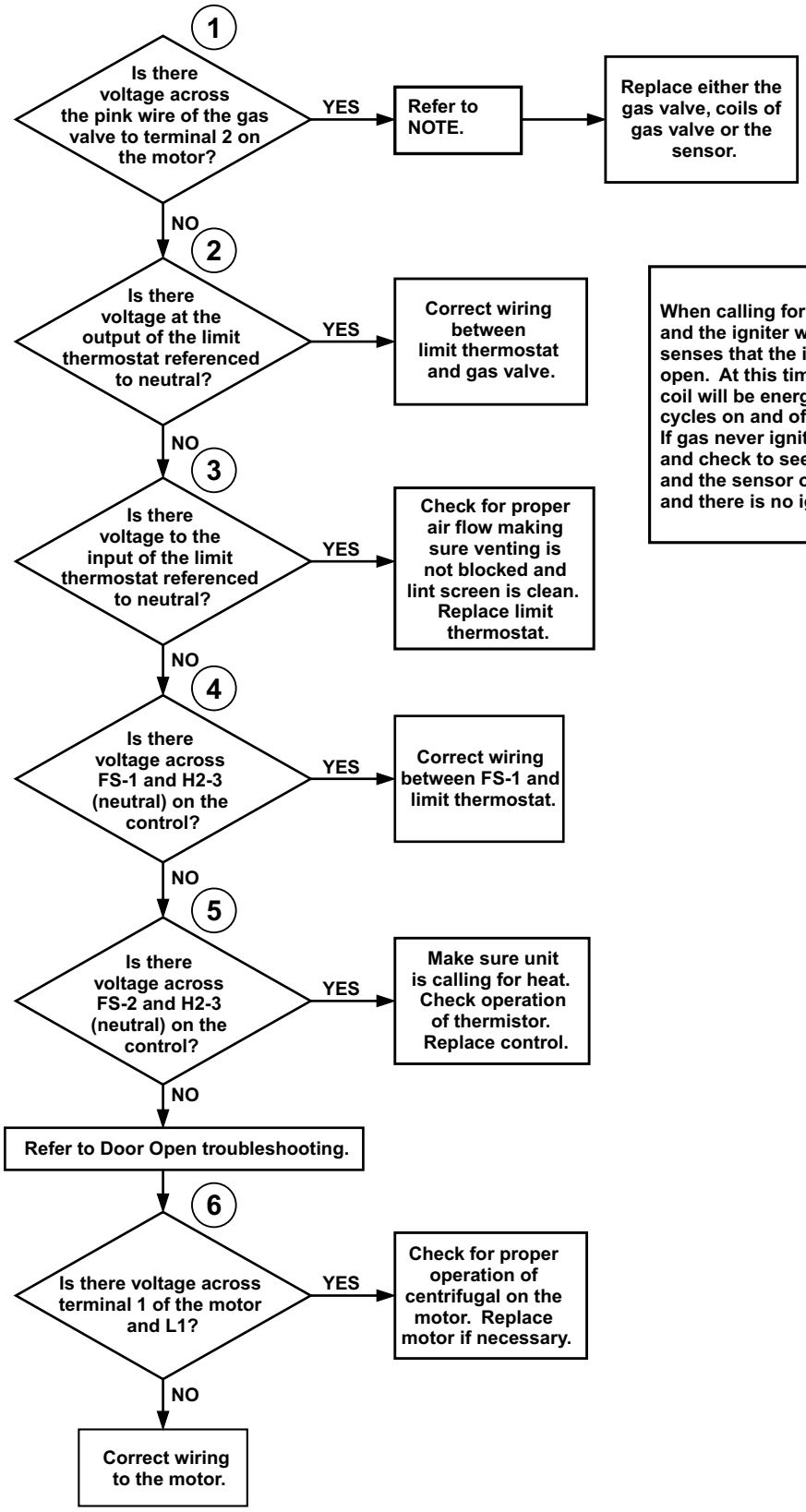
42. No Heat (Electric)



No Heat (Electric)



43. No Heat (Gas)

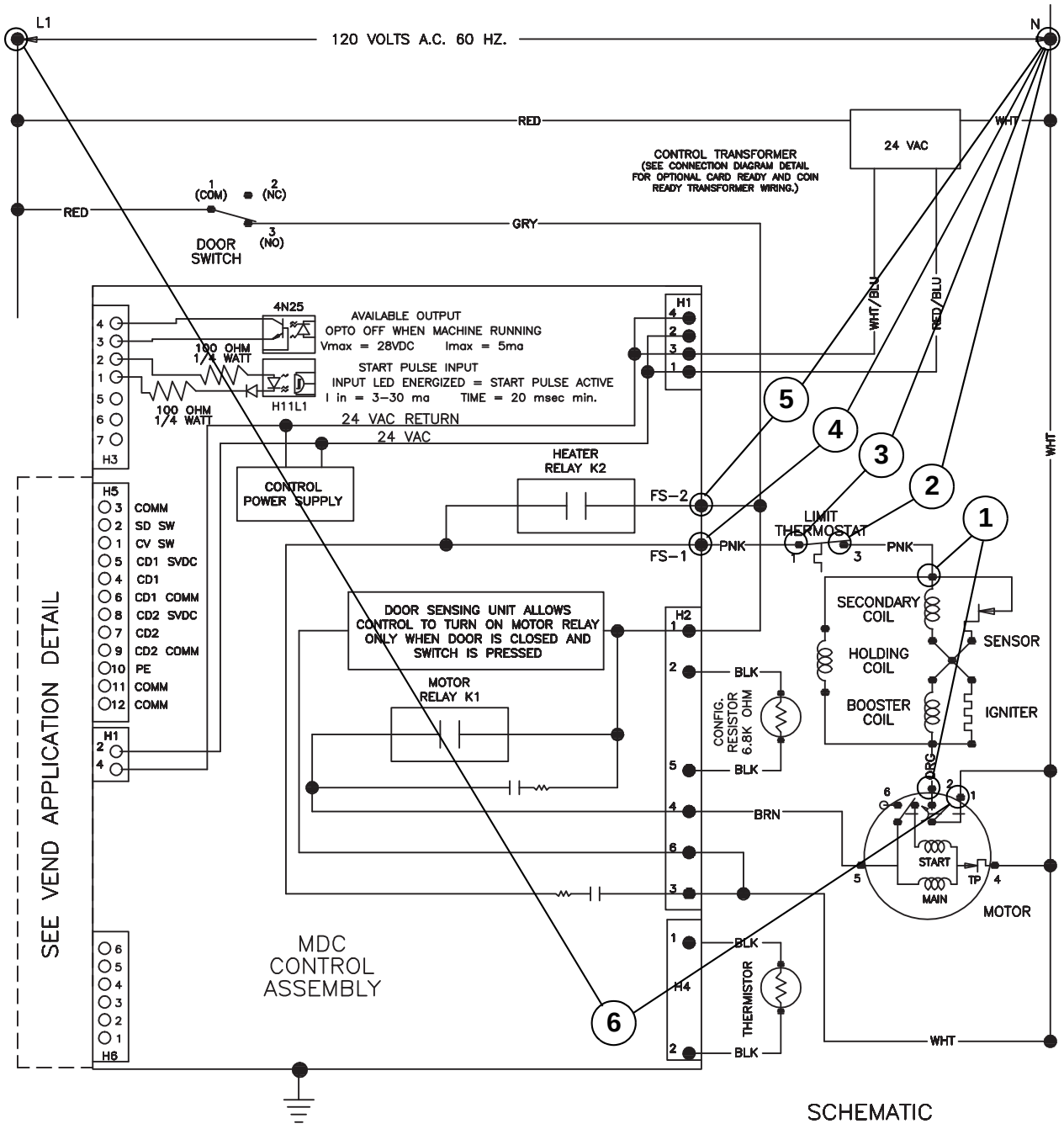


NOTE:

When calling for heat the holding coil, the booster coil and the igniter will be energized. Once the sensor senses that the igniter is hot enough for ignition, it will open. At this time the holding coil and the secondary coil will be energized allowing gas to flow. If the flame cycles on and off check for proper operation of sensor. If gas never ignites, check for problems with the coil and check to see if the sensor opens. If coils are good and the sensor opens with the glow bar operational and there is no ignition/gas flow, replace the gas valve.

DRY361_S

No Heat (Gas)



Section 7
NetMaster Control Troubleshooting

44. Error Codes

Following is a list of possible error codes. Errors beginning with “EI” refer to NetMaster Infra-red communication errors. Errors beginning with “EC” refer to NetMaster card reader errors. All other errors refer to electronic control errors.

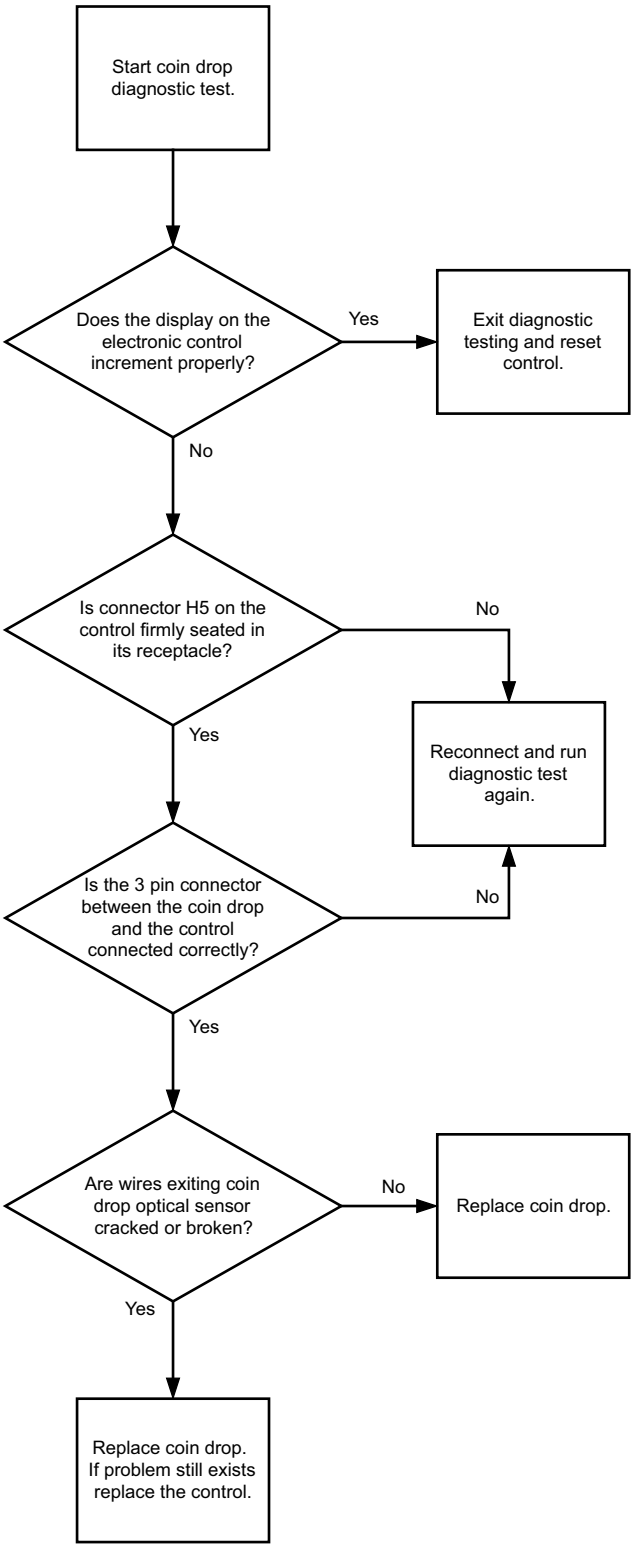
Display Information	Description	Cause/ Corrective Action
EI:01	Transmission Failure	Communication failure. Re-aim Micro-Wand and try again.
EI:02	Device Timeout	Communication failure. Re-aim Micro-Wand and try again.
EI:03	Invalid Command Code	Incorrect machine type. Before downloading, ensure data is for current machine type.
EI:04	Expecting Upload Request	Communication failure. Re-aim Micro-Wand and try again.
EI:05	Invalid or Out-of-Range Data	Incorrect machine type. Before downloading, ensure data is for current machine type.
EI:06	Invalid Data Code	Incorrect machine type. Before downloading, ensure data is for current machine type.
EI:07	Error Writing to RTC	Control failure. Replace control.
EI:08	Error Writing to EEPROM	Control failure. Replace control.
EI:09	CRC-16 Error	Communication failure. Re-aim Micro-Wand and try again.
EI:0A	Invalid Machine Type	Incorrect machine type. Before downloading, ensure data is for current machine type.
EI:0F	Invalid Wakeup or Infra-red Disabled	Communication failure or infra-red is disabled. Manually enable infra-red on control or re-aim Micro-Wand and try again.
EC:00	General Communication Error	Communication failure. Try card again.
EC:02	Timeout Error	Communication failure. Try card again.
EC:03	Invalid Command Code	Incorrect machine type. Before downloading, ensure data is for current machine type.
EC:05	Invalid or Out-of-Range Data	Incorrect machine type. Before downloading, ensure data is for current machine type.
EC:06	Invalid Data Code	Incorrect machine type. Before downloading, ensure data is for current machine type.
EC:09	Corrupted Data Error	Communication error. Try card again.
EC:0A	Invalid Machine Type	Incorrect machine type. Before downloading, ensure data is for current machine type.
EC:19	No Card Reader Communication	Communication failure. Power down, power up and try again. If error persists, replace control or card reader.

(continued)

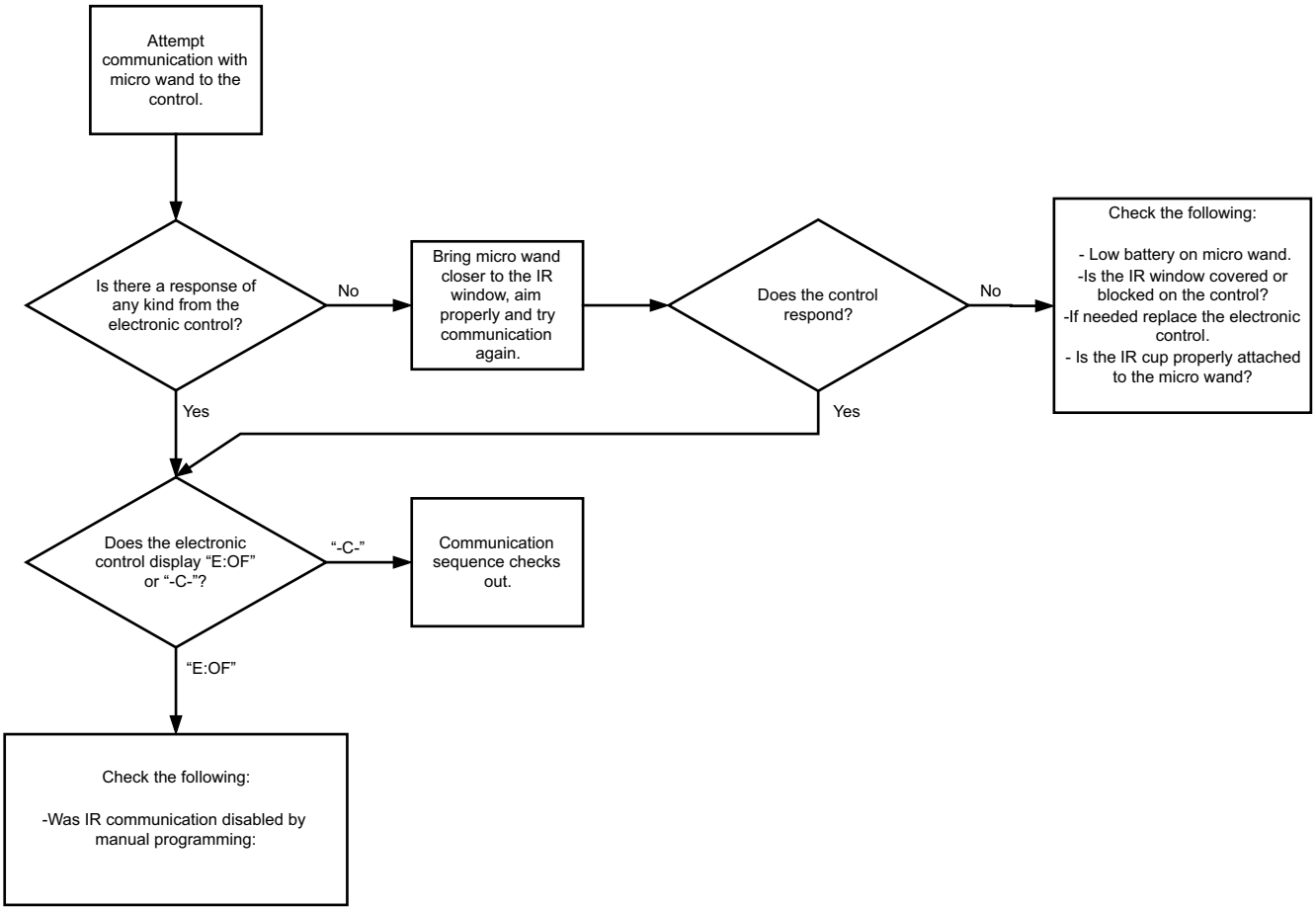
Display Information	Description	Cause/ Corrective Action
EC:20	Unreadable Card	Faulty card or dirty contact. Clean chip on card or card reader contacts. Try card again. If error persists, card may be faulty.
EC:21	Security ID Mismatch	Incorrect card. Use card with correct security code.
EC:22	Site Code Mismatch	Incorrect card. Use card with correct site code.
EC:23	Card Maximum Value Exceeded	Value on card over max. Use a card which does not exceed maximum value.
EC:24	Insufficient Memory on Card	Card memory is full. Download card contents to PC and clear card for re-use.
EC:25	Card Reader Malfunction	Faulty card reader. Replace card reader.
EC:26	Card Write Error	Try card again. If error persists, card may be faulty.
EC:27	Diagnostic Test Card Write Failure	Faulty card reader. Replace card reader.
EC:28	Diagnostic Test Card Read Failure	Faulty card reader. Replace card reader.
EC:29	Diagnostic Test Memory Test Failure	Faulty card reader. Replace card reader.
EC:2A	Diagnostic Test Card Interface Failure	Faulty card reader. Replace card reader.
EC:2b	Diagnostic Test Flash Checksum Failure	Faulty card reader. Replace card reader.
EC:2C	Biberon or Non-biberon Device Failure	Faulty card reader. Replace card reader.
EC:2d	Firmware Update Failed, S/W (Software) Intact	Firmware load failed. Replace card reader.
EC:2E	Firmware Update Failed, S/W Not Intact	Faulty firmware in reader. Replace card reader.
EC:2F	Firmware Updated, S/W Not Intact	Faulty firmware in reader. Replace card reader.
EC:30	Timeout Error	Replace card reader.
EC:31	Hotlisted Card Inserted Into Reader	Card hotlisted. Control will destroy card.
EC:50	Loyalty Purse Read Error	Try card again. If error persists, card may be faulty.
EC:56	Loyalty Purse Write Error	Try card again. If error persists, card may be faulty.
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.

Display Information	Description	Cause/ Corrective Action
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.

45. Coins Ignored When Entered

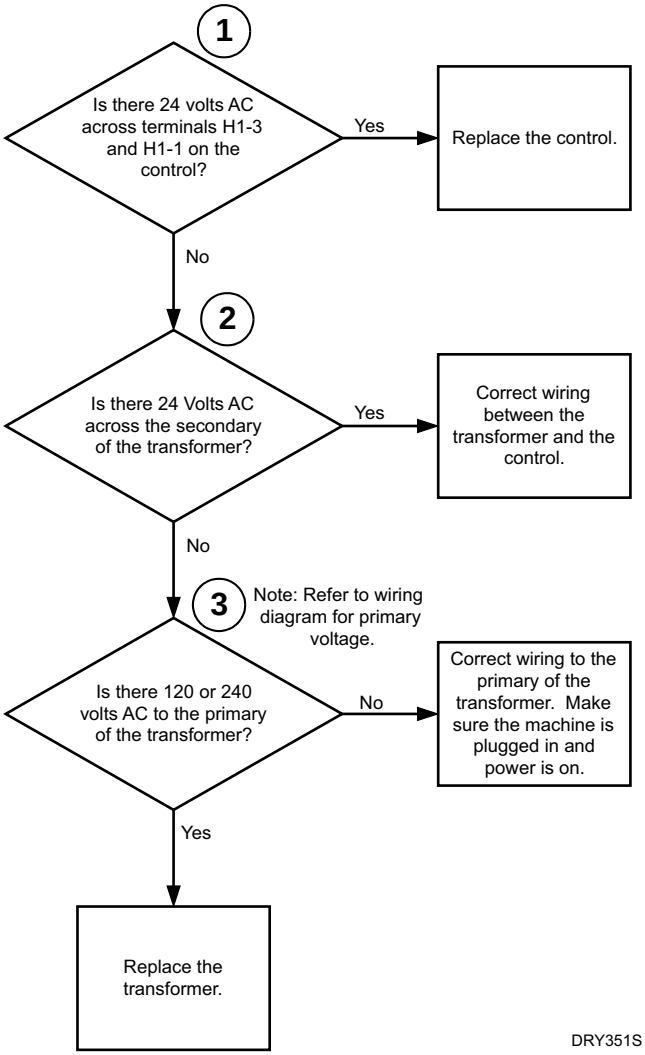


46. No IR Communication

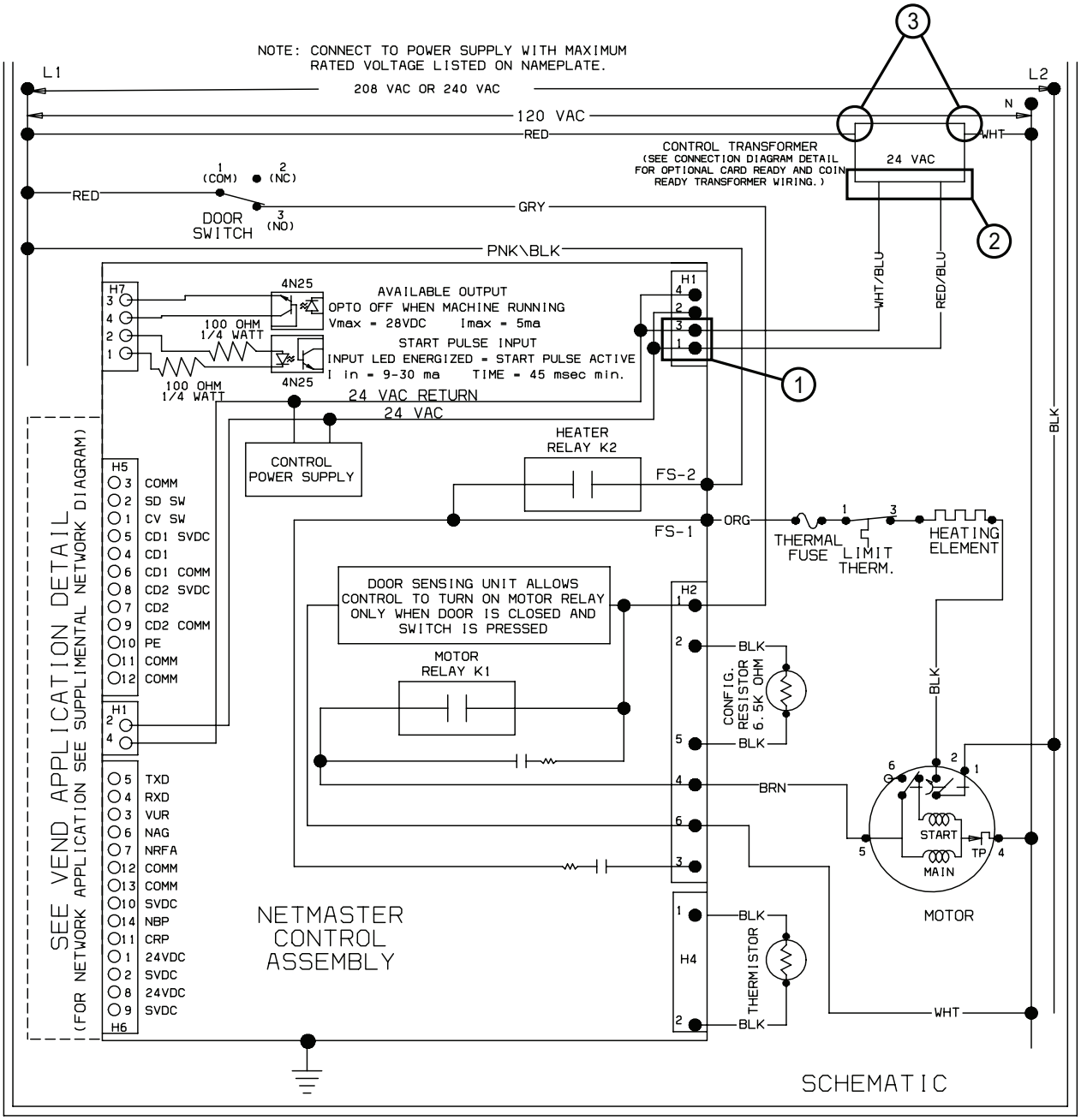


DRY354S

47. No Display

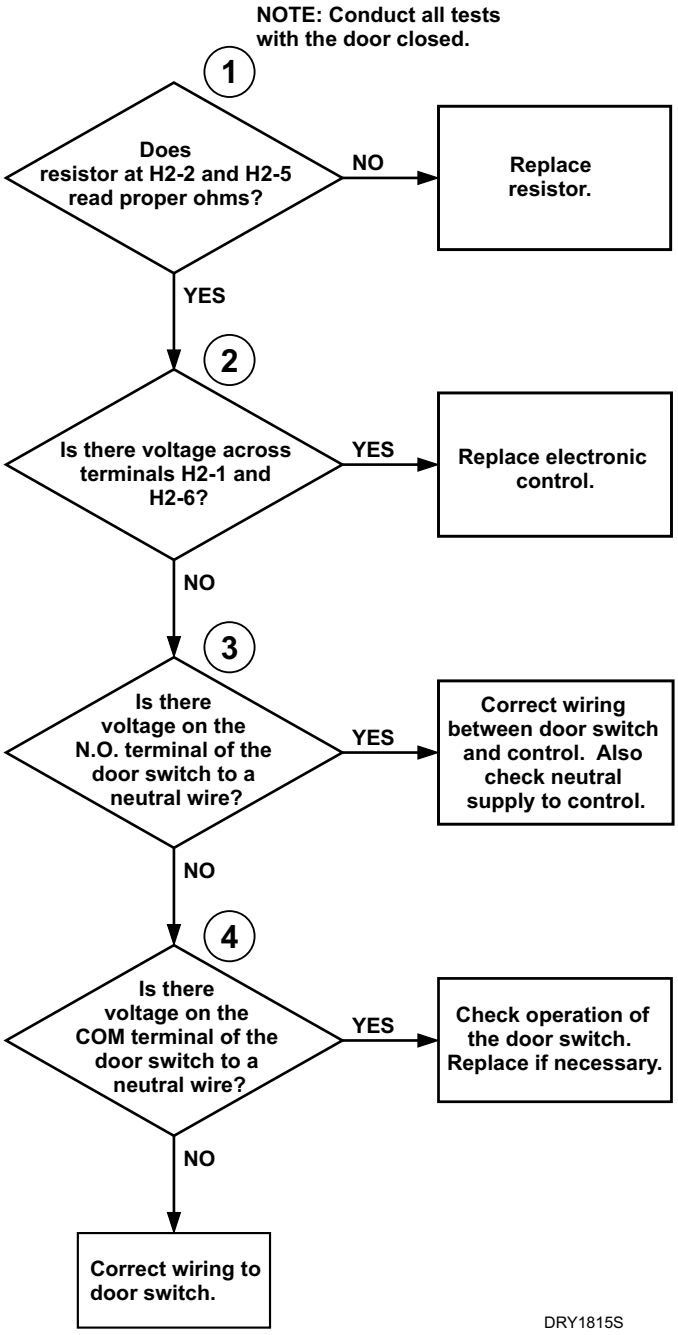


No Display

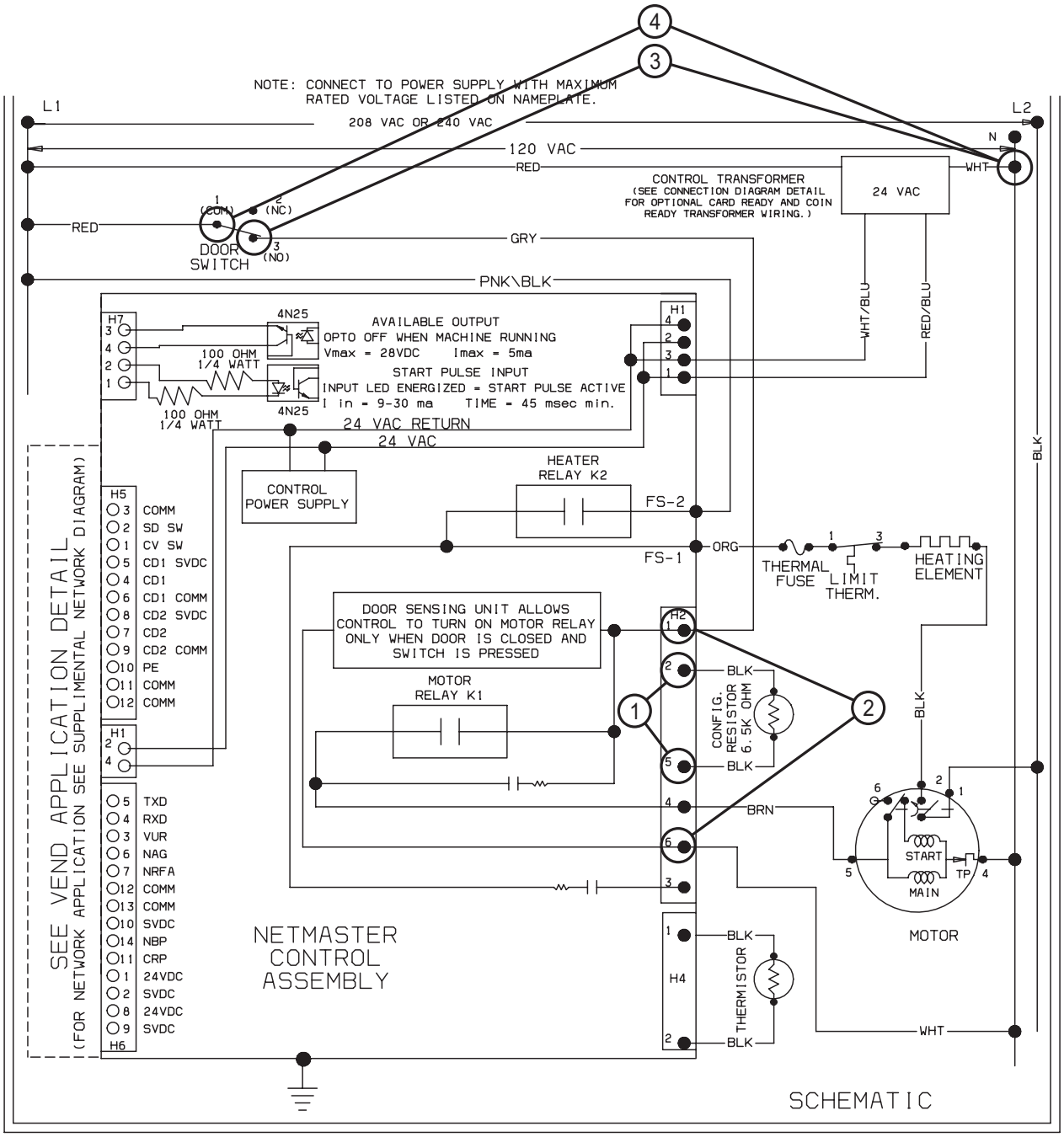


DRY352S

48. Door Open

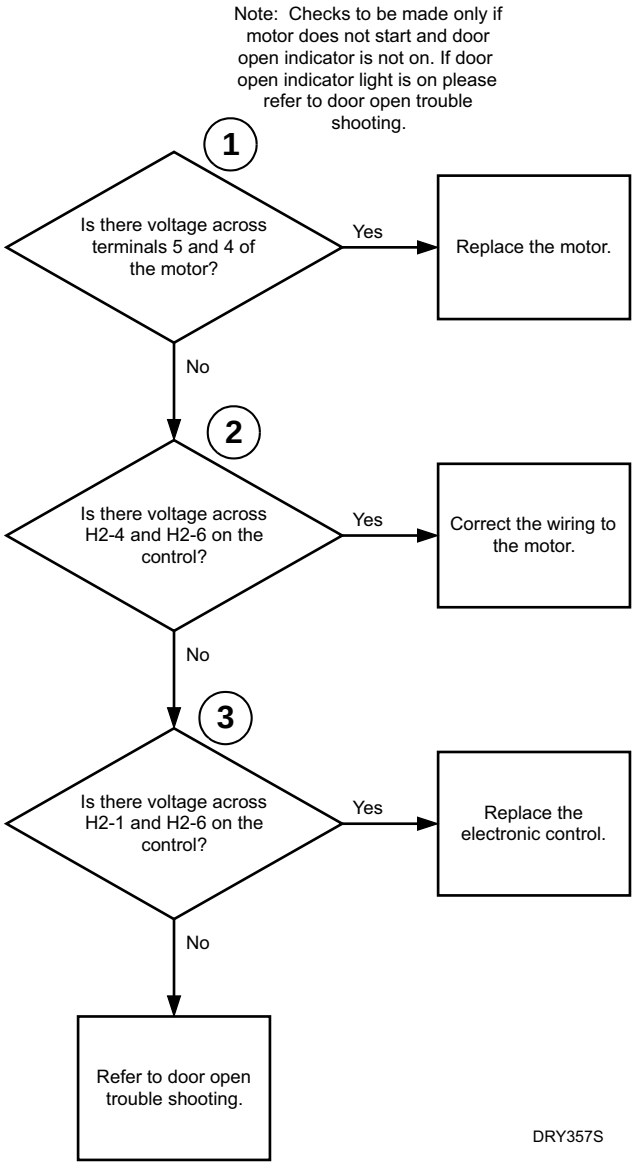


Door Open

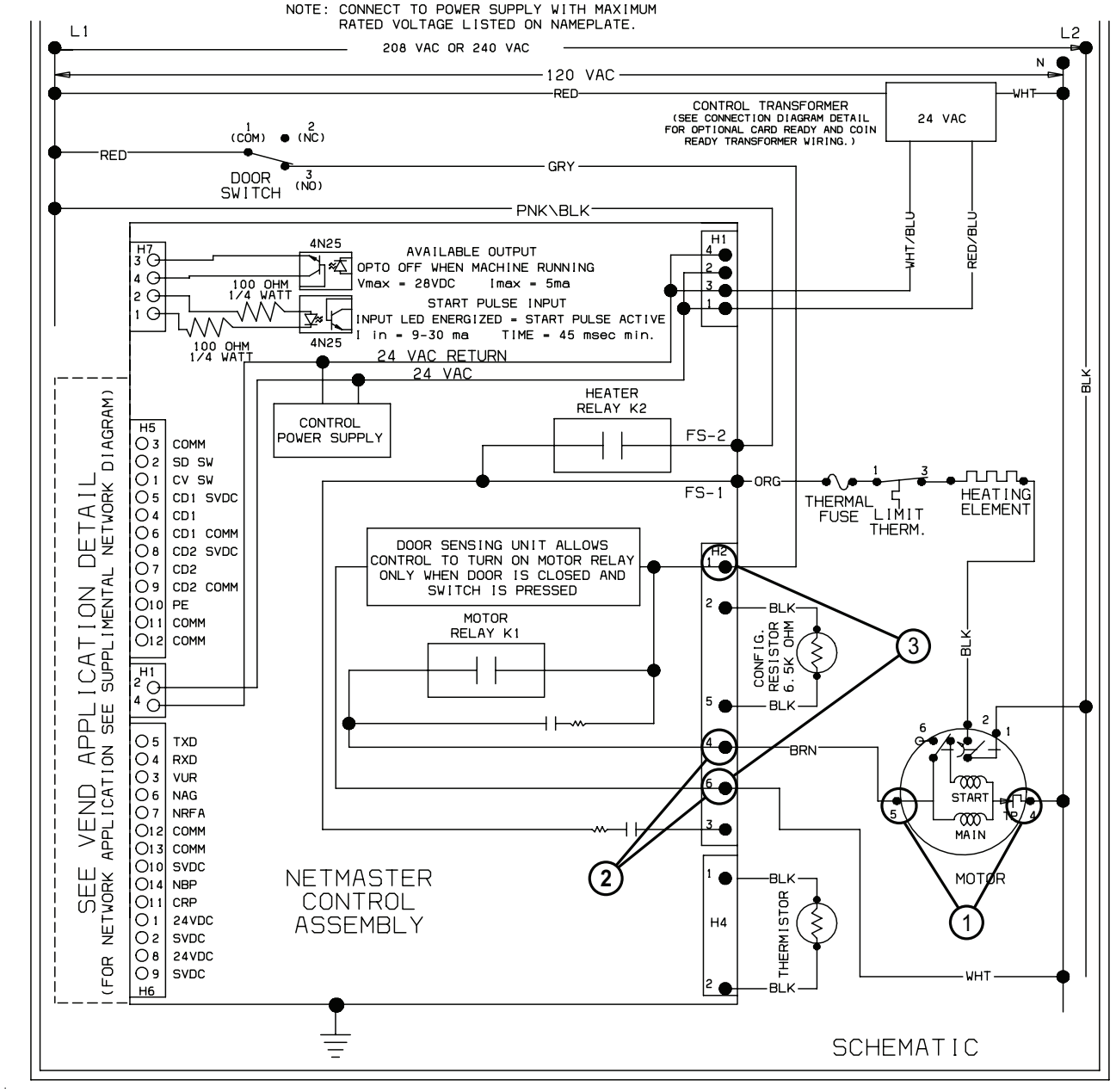


DRY1816S

49. Motor Will Not Start

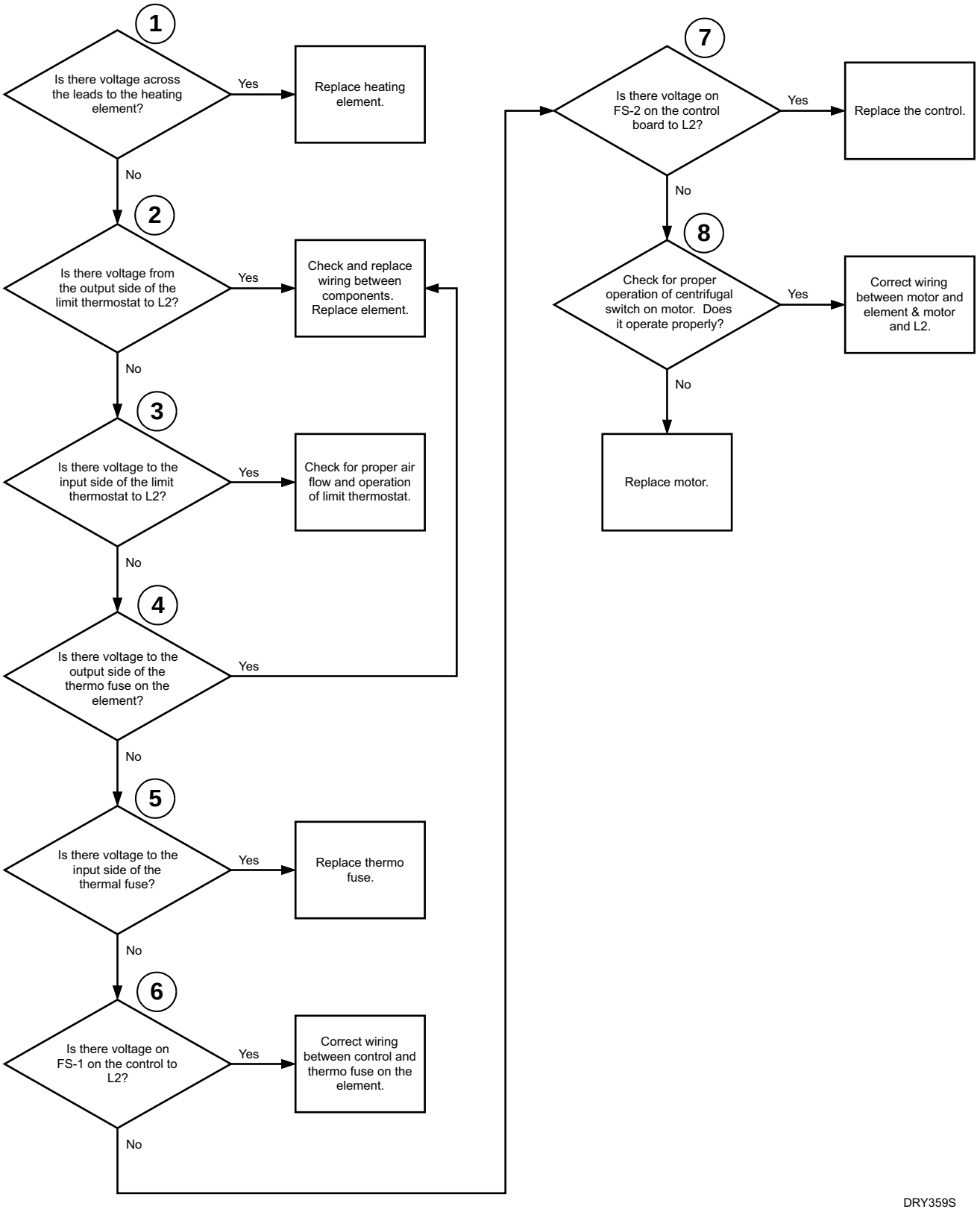


Motor Will Not Start

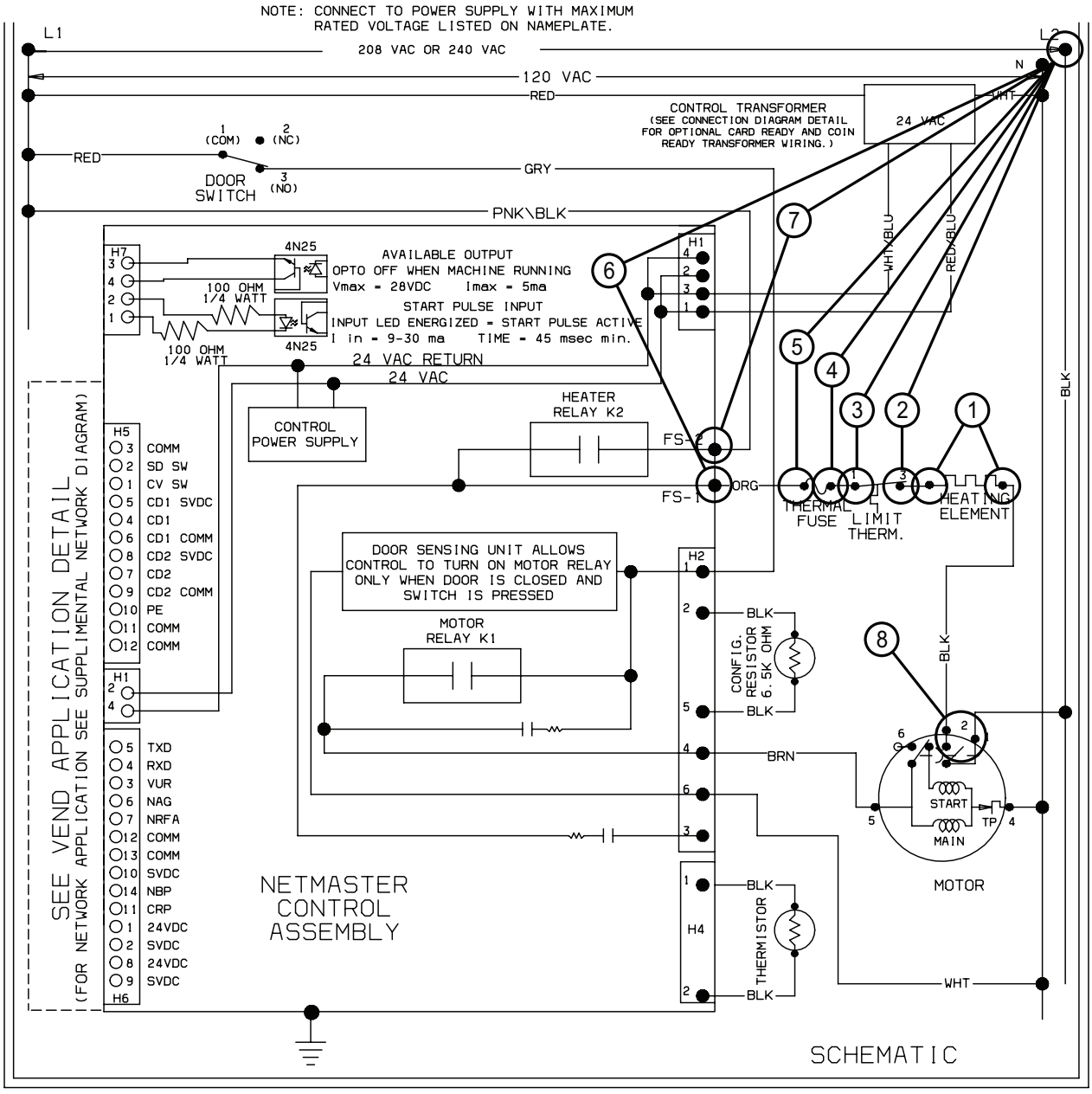


DRY358S

50. No Heat (Electric)

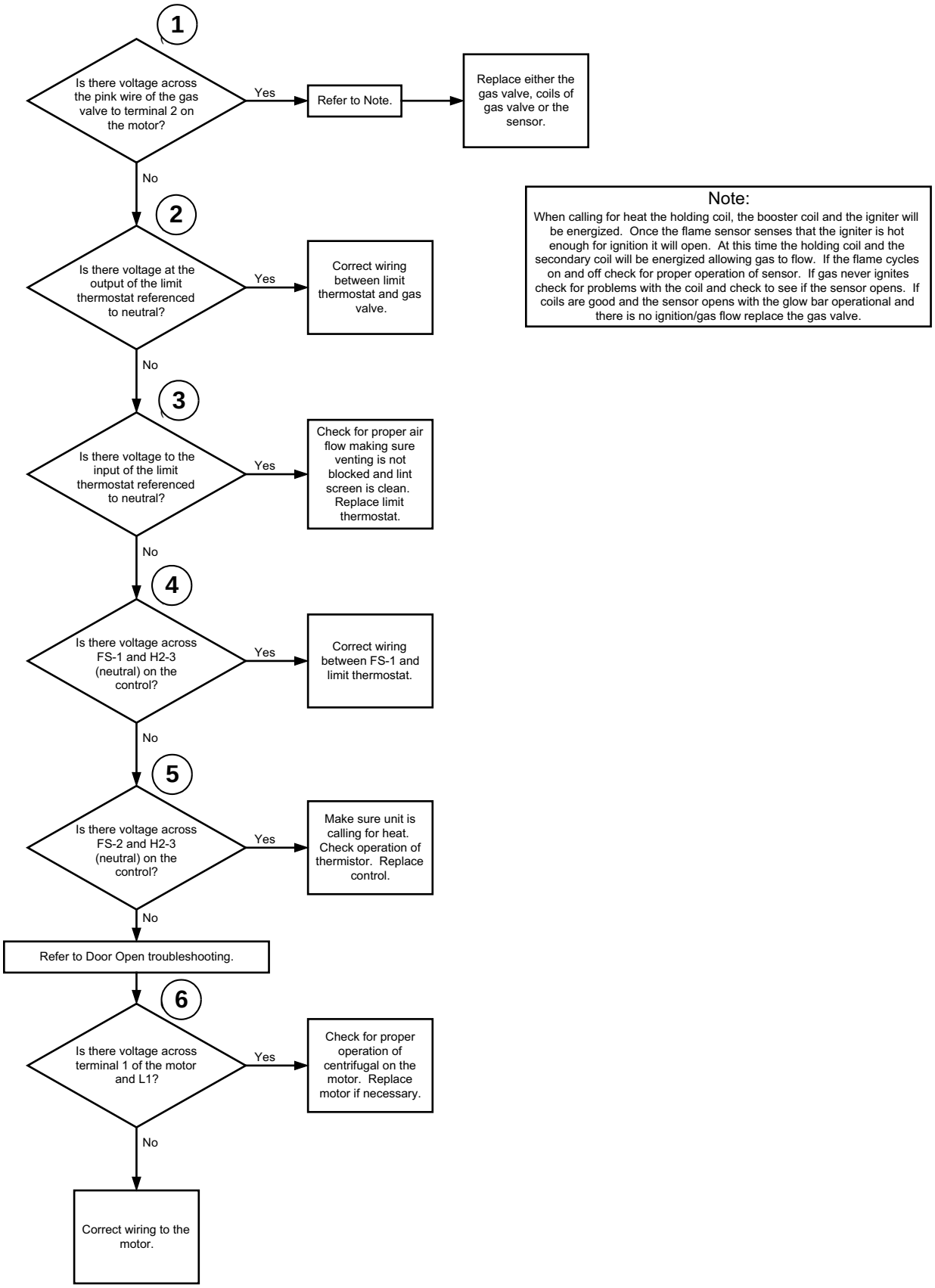


No Heat (Electric)



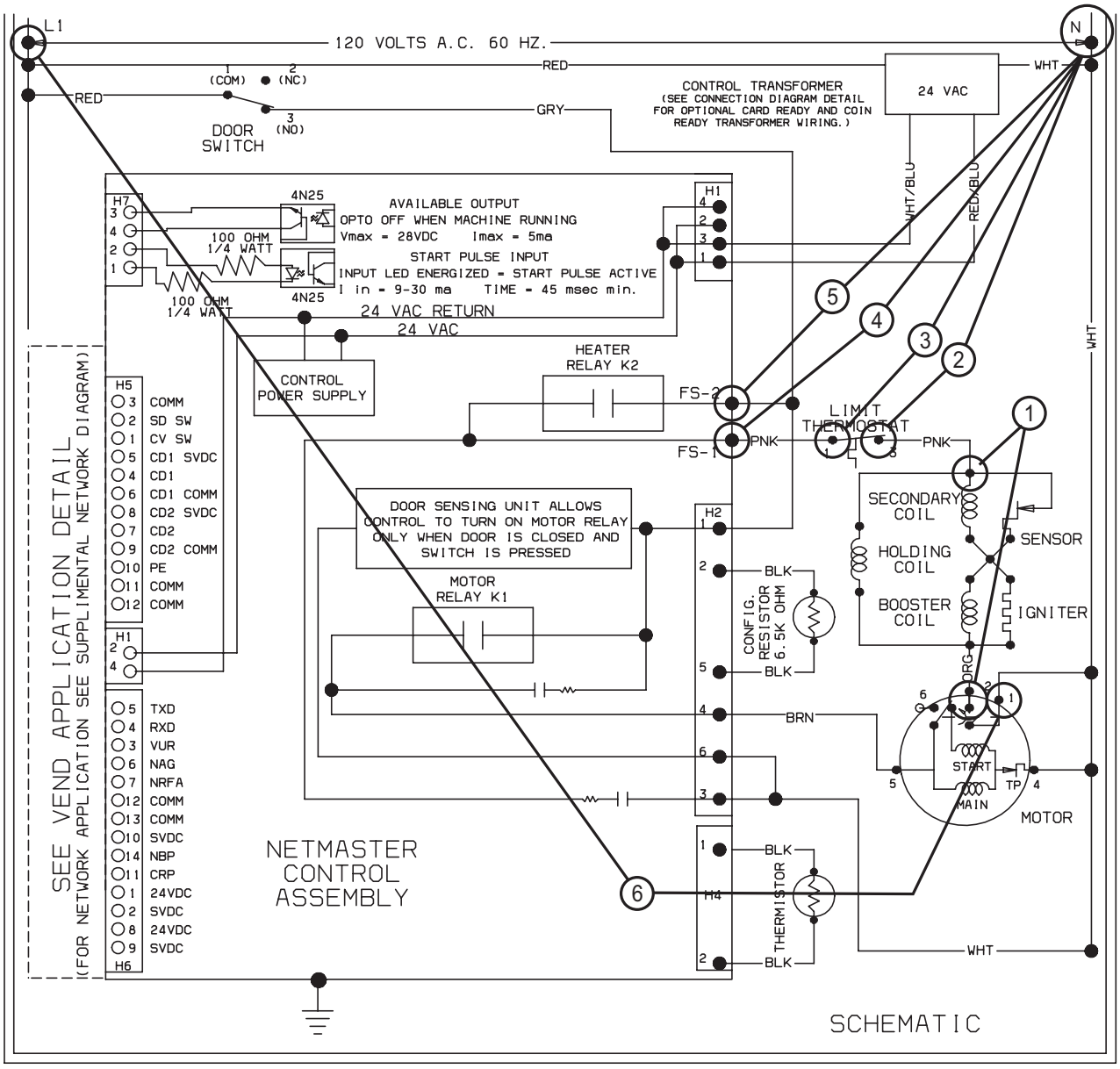
DRY360S

51. No Heat (Gas)



DRY361S

No Heat (Gas)



DRY362S

Section 8
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

52. 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 (non-electronic coin drops).

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.

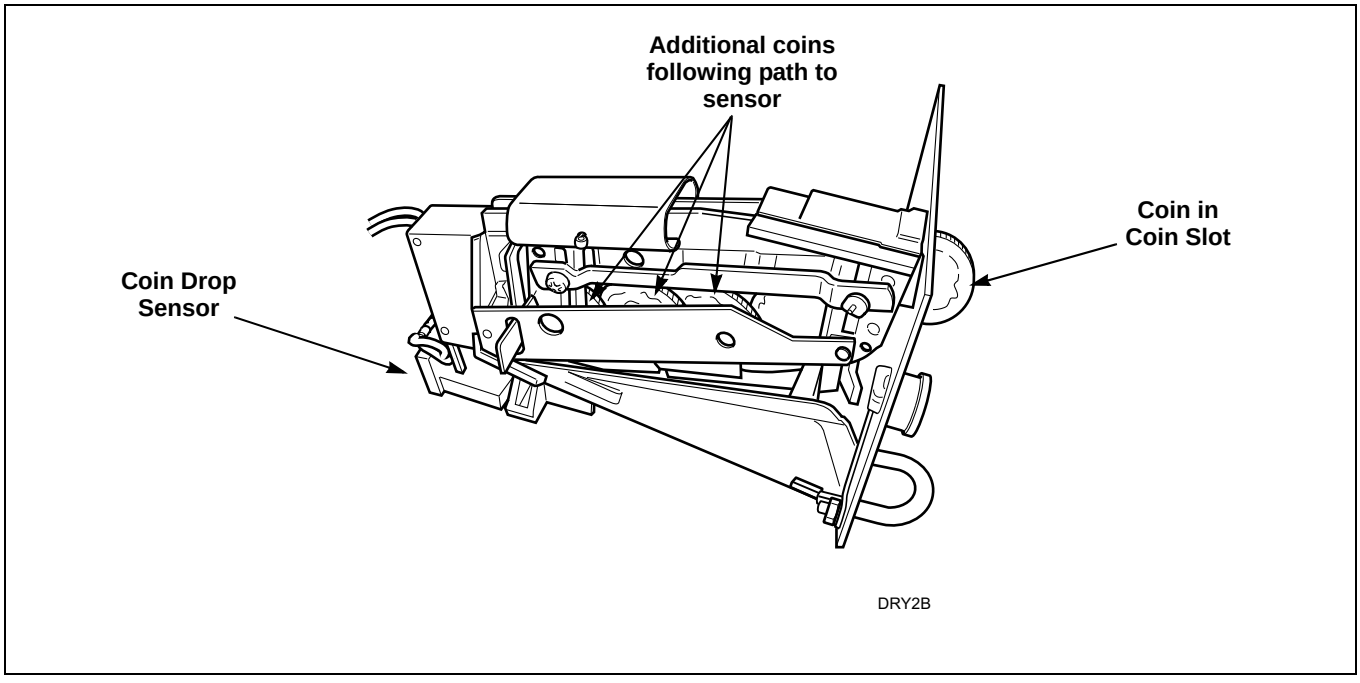


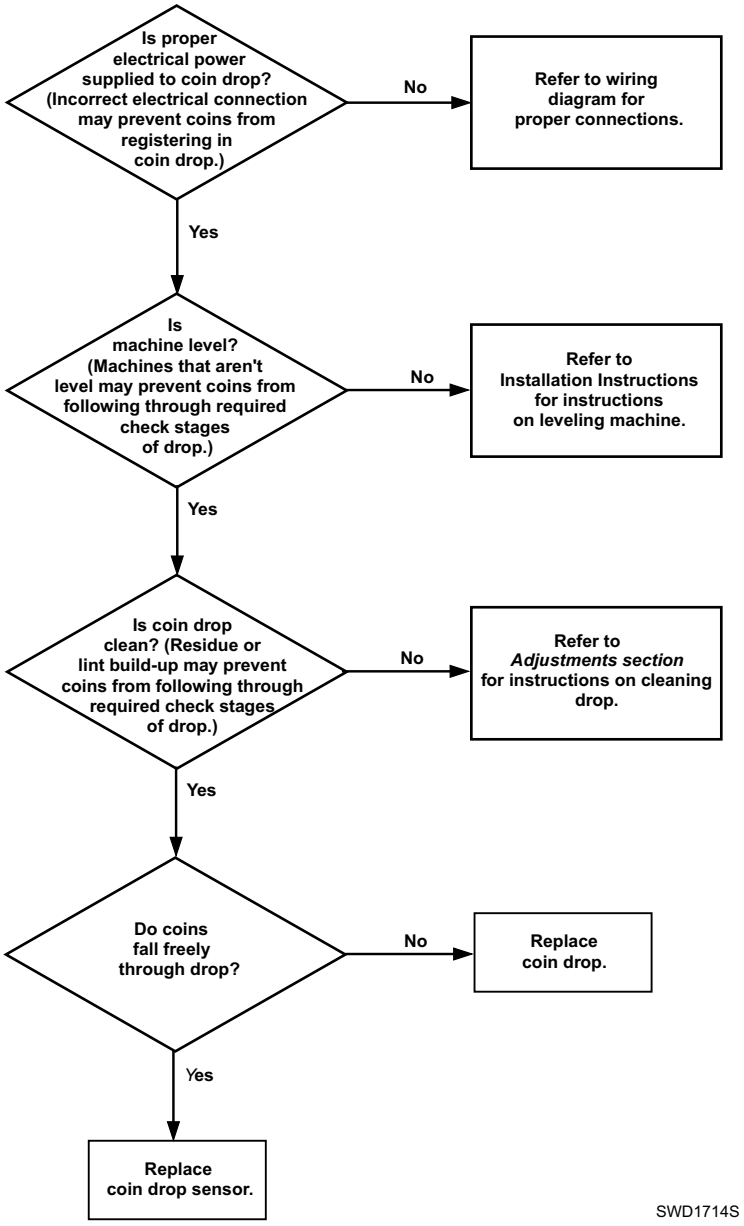
Figure 1

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

52. Troubleshooting Coin Drop (continued)



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.**
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- **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 55.*

(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*.

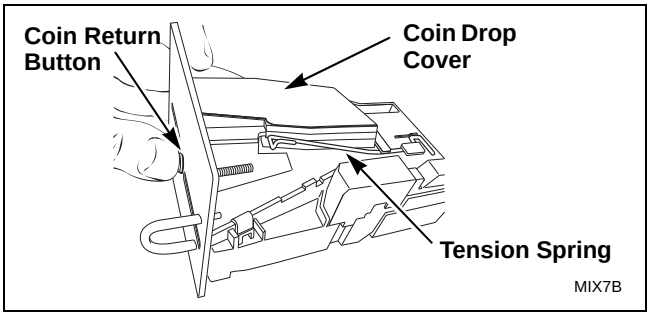

Figure 2

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

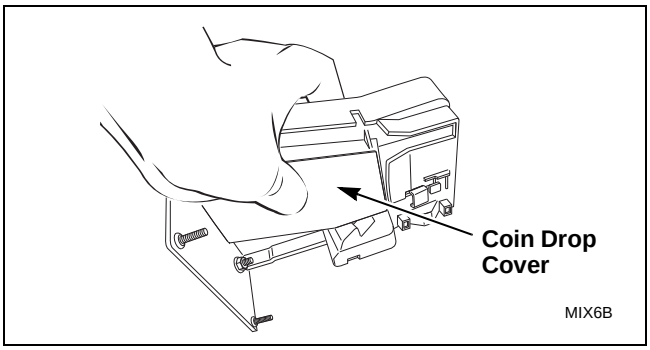

Figure 3

(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*.

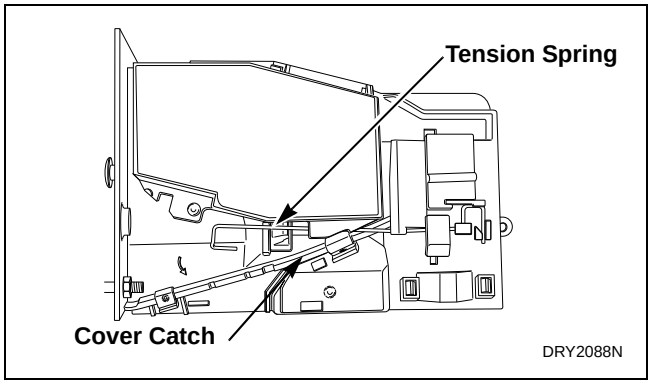

Figure 4

(2) Open cover for coin drop.

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

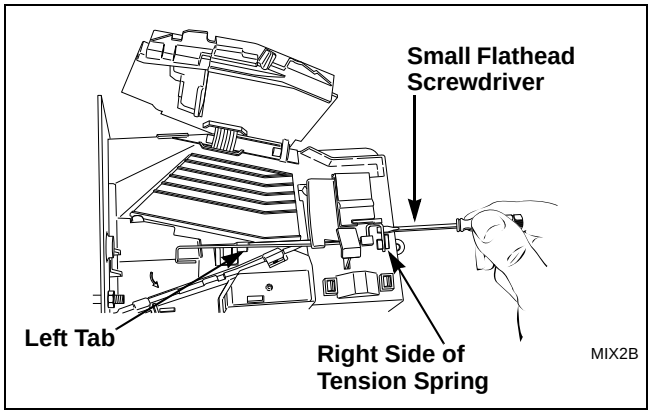

Figure 5

(4) Use screwdriver to move spring approximately 3 mm to left.

(5) Lift spring over left tab. Refer to *Figure 5*.

WARNING

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

(6) Rotate spring clockwise, 40 to 60 degrees, until it is free from right tabs. Refer to *Figure 6*.

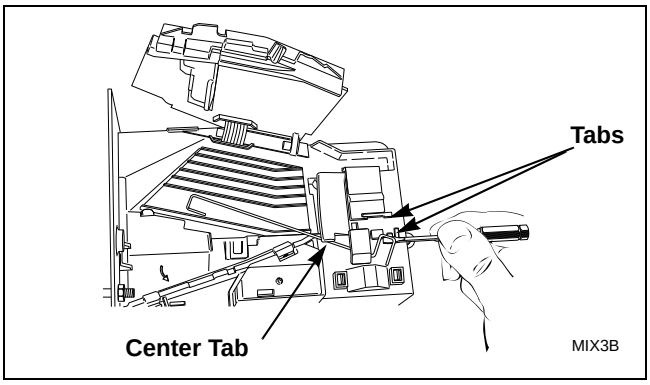


Figure 6

(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*.

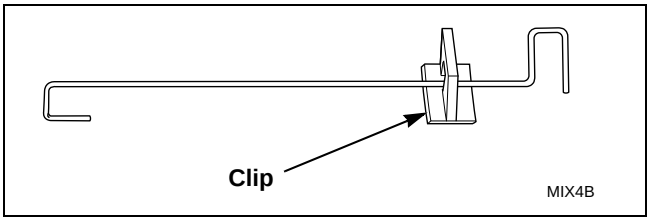


Figure 7

(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*.

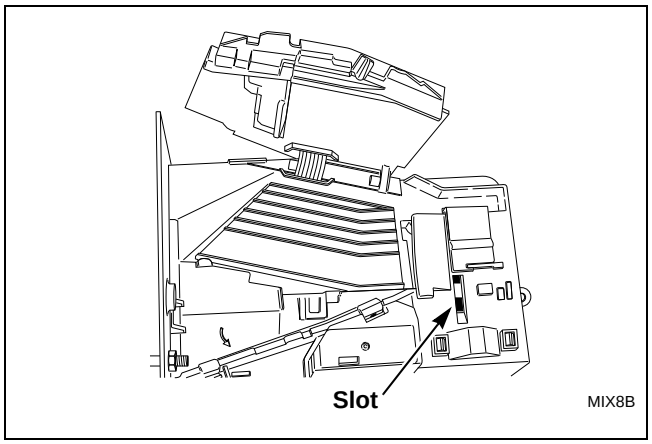


Figure 8

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

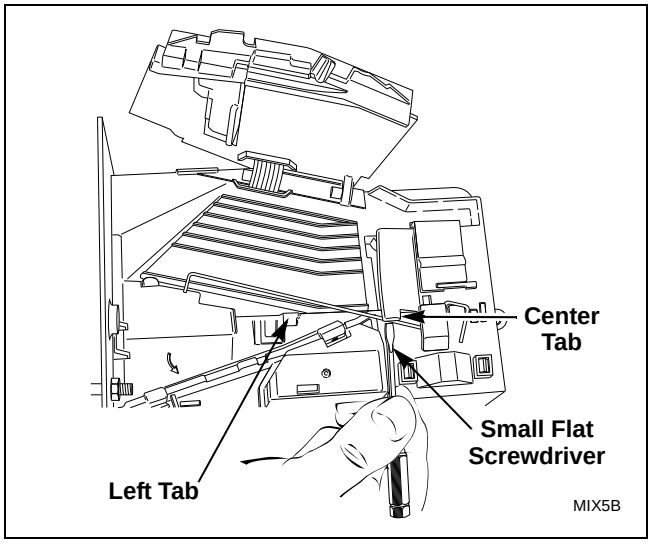


Figure 9

(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*.

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

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.

Section 9
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.

53. 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.

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

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.

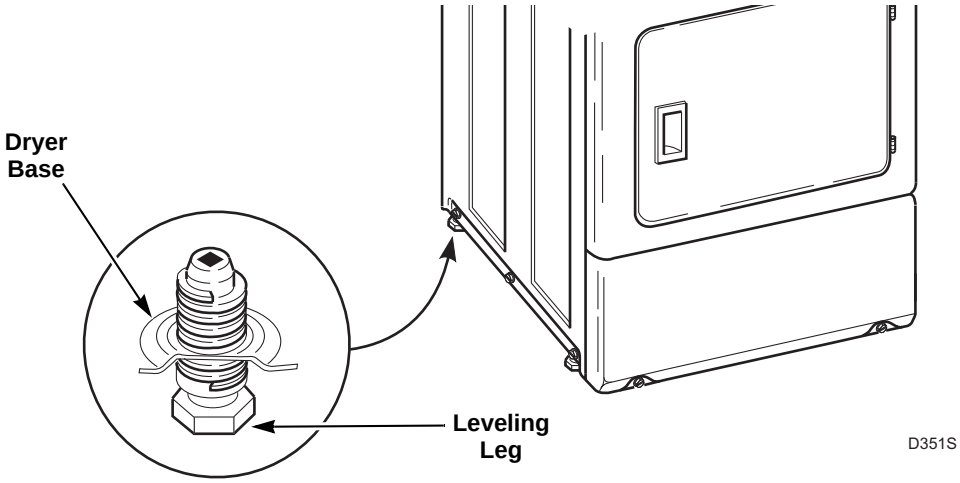


Figure 10

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

54. Burner Flame (Gas Models)

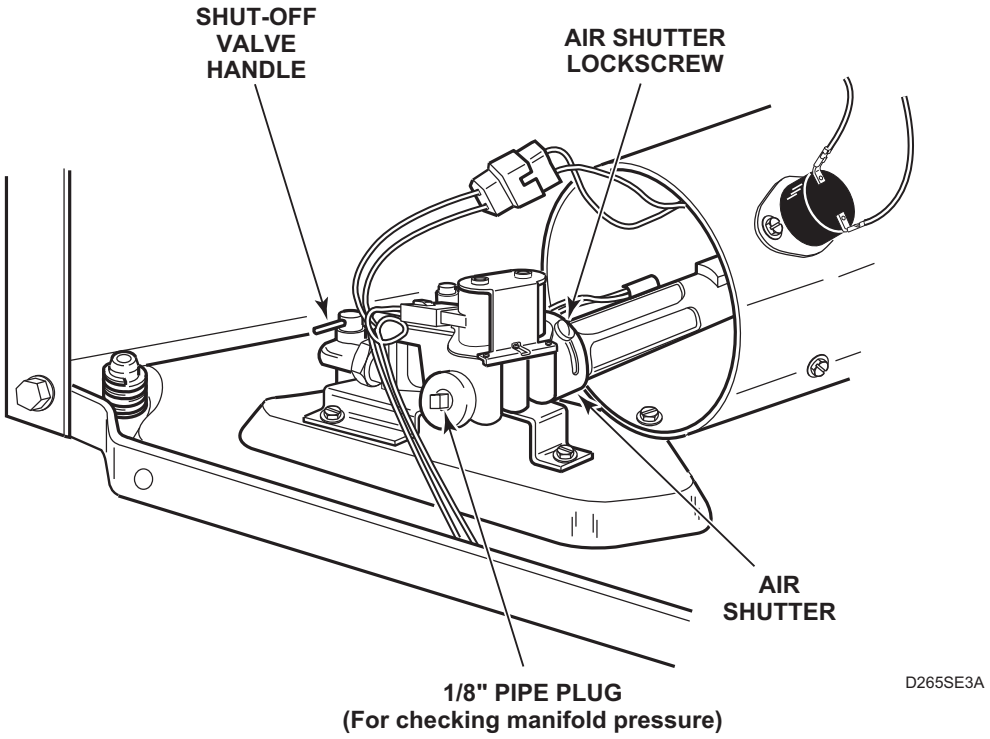
a. While supporting the access panel, remove two screws from bottom edge of access panel.
b. Gently lower the access panel to disengage locators from bottom edge of front panel.
c. Set timer to 60 minutes.
d. Close the loading door. Start the dryer in a heat setting (refer to Operating Instructions supplied 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 lockscrew. 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 lockscrew firmly. Refer to *Figure 11*.
h. Reinstall access panel and screws.

WARNING

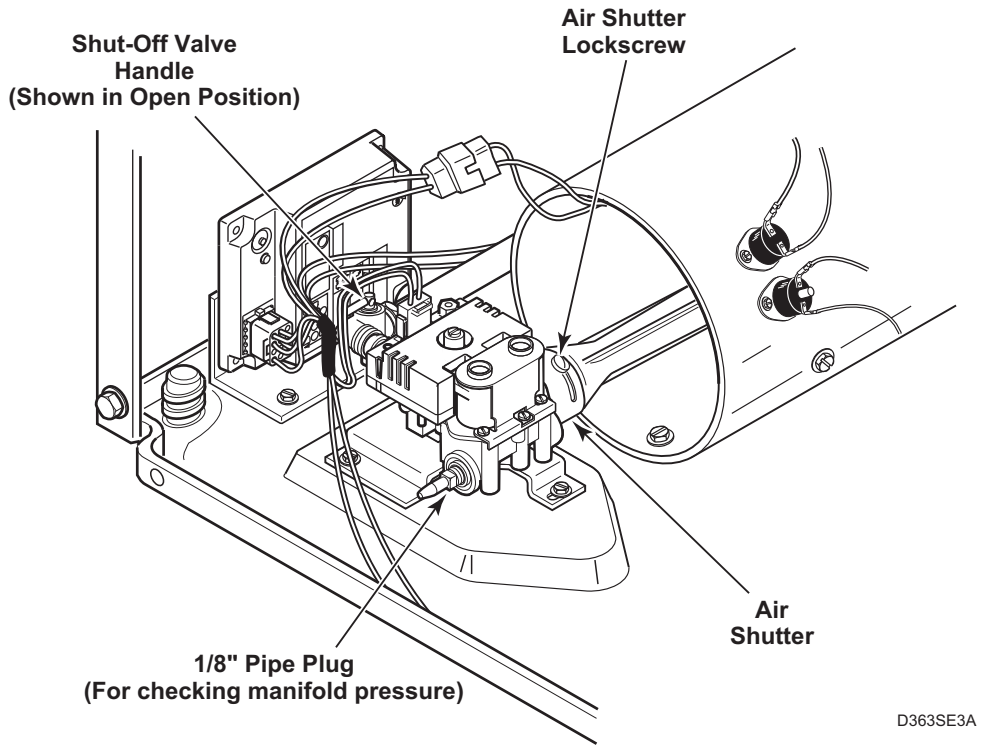
To reduce the risk of fire or serious injury, the access panel must be in place during normal operation.

W262

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



Silicon Carbide Ignition System



Silicon Nitride Ignition System

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

55. Cleaning Non-Electronic Coin Drop

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

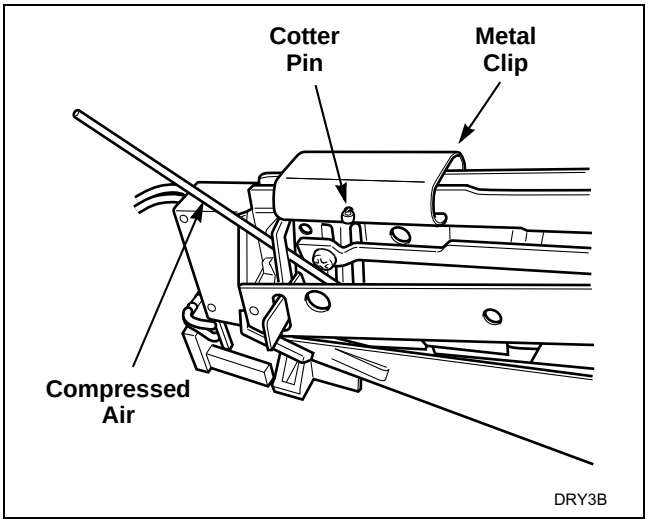


Figure 12

d. Insert a coin through the coin drop. If coin does not roll through drop, continue with the following.
e. Remove cotter pin from top of drop. Refer to *Figure 12***.** Save pin for reinstallation when cleaning is complete.
f. Move metal clip closer to sensor so that it comes off frame. Refer to *Figure 12***.**
g. Remove coin return from coin drop frame. Refer to *Figure 13***.**

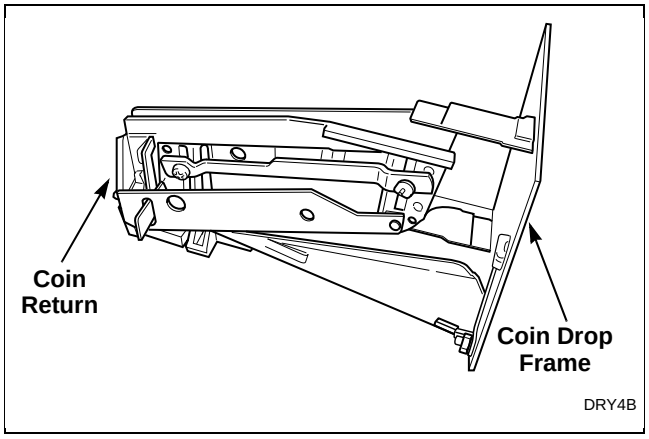


Figure 13

h. 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***.**

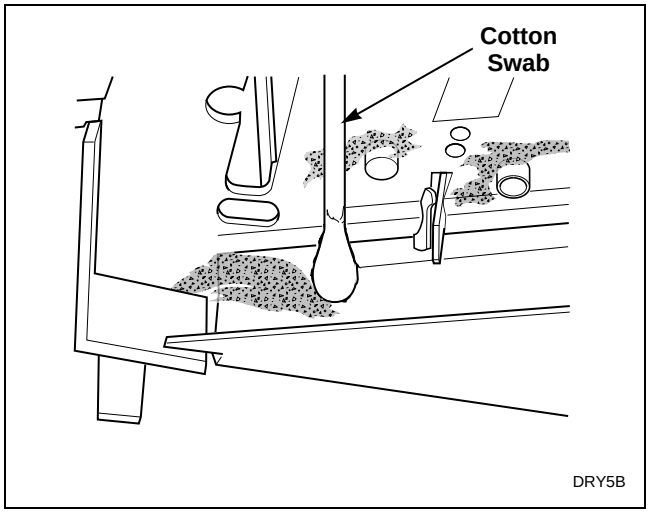


Figure 14

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*.

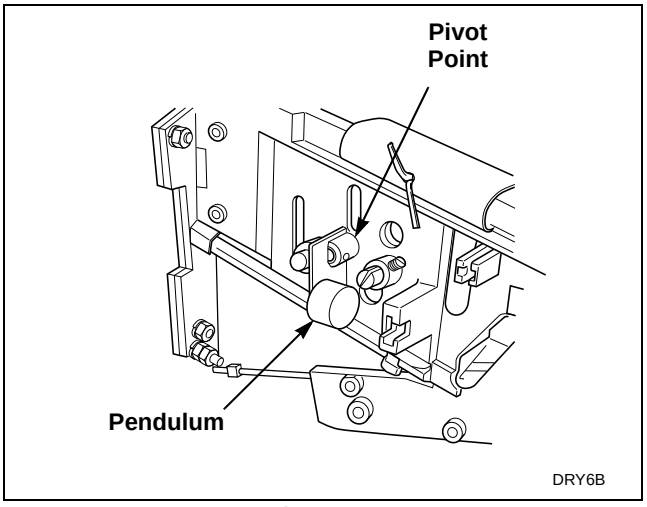


Figure 15

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.

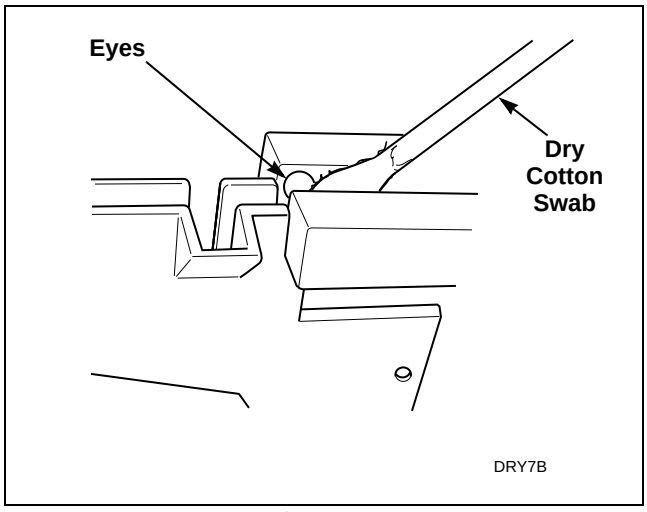


Figure 16

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

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- **Whenever ground wires are removed during servicing, these ground wires must be reconnected to ensure that the dryer is properly grounded.**

W001R1

56. 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.

a. Disconnect electrical power to machine and drop.
b. Remove coin drop from machine.
c. 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.

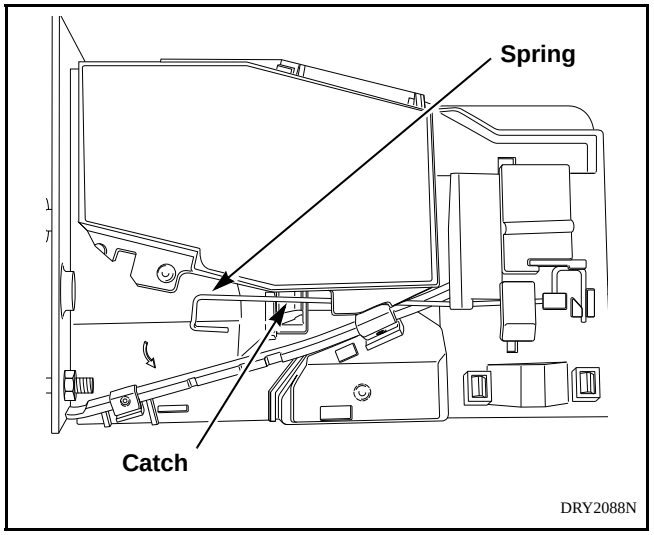


Figure 17

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

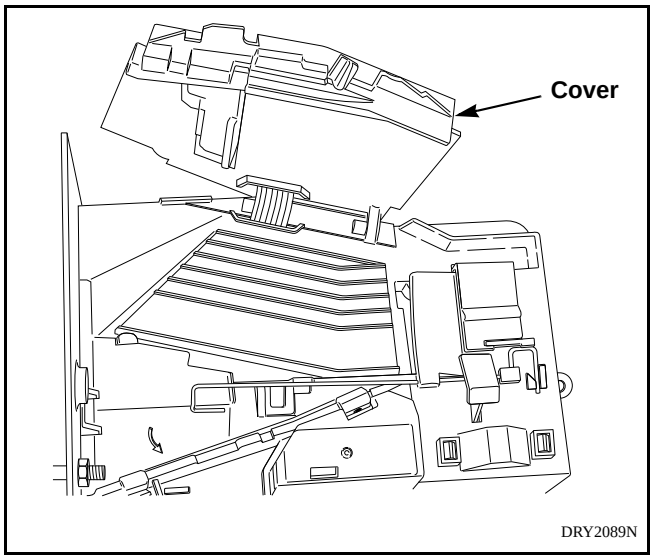


Figure 18

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

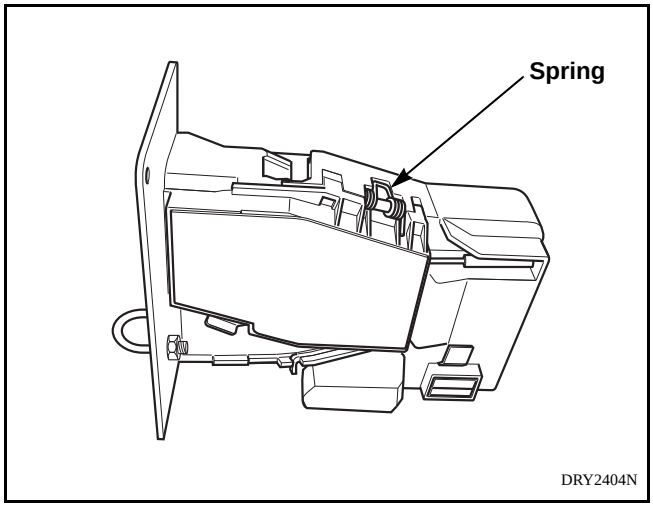


Figure 19

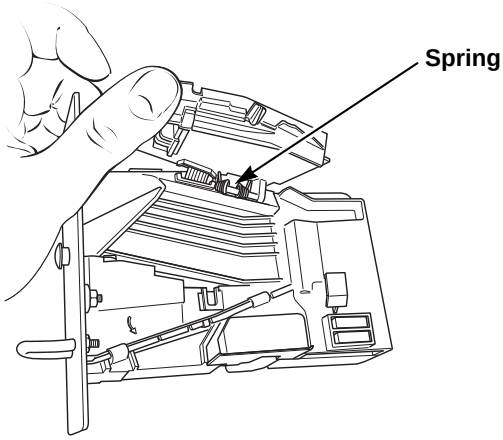
(3) Open cover of coin drop. Refer to *Figure 20*.

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

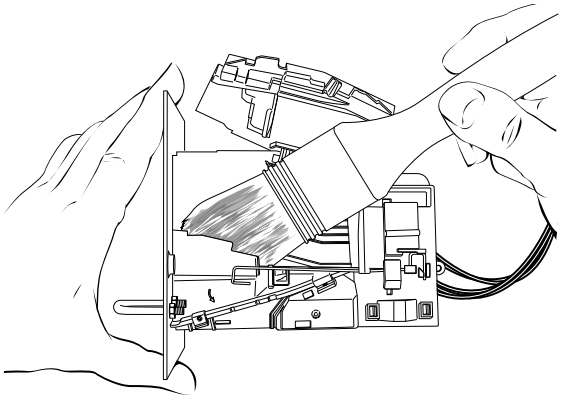
NOTE: Do not overbend the spring by opening cover too far.



DRY2408N

Figure 20

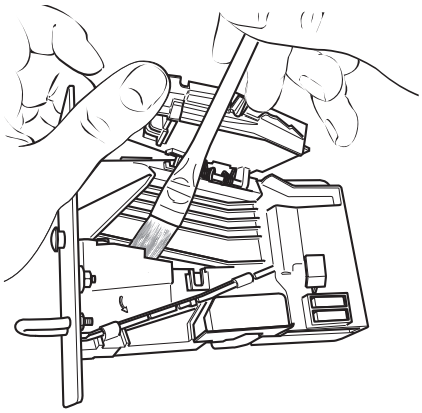
d. Clean the coin path with a soft brush and wipe exposed surfaces with an alcohol moistened cloth. Refer to *Figure 21* or *Figure 22*.



Old-Style Spring Coin Drop

DRY2090N

Figure 21

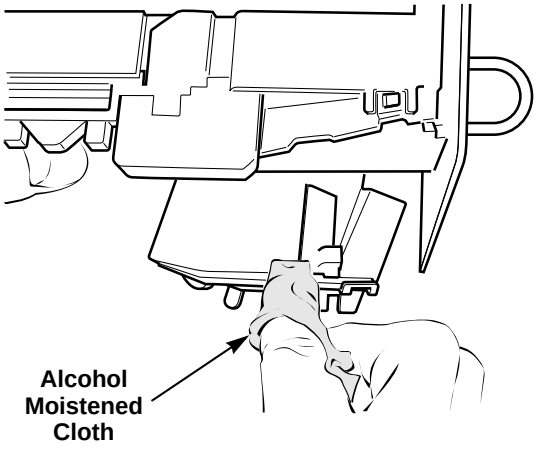


New-Style Spring Coin Drop

DRY2405N

Figure 22

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



DRY2406N

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.*

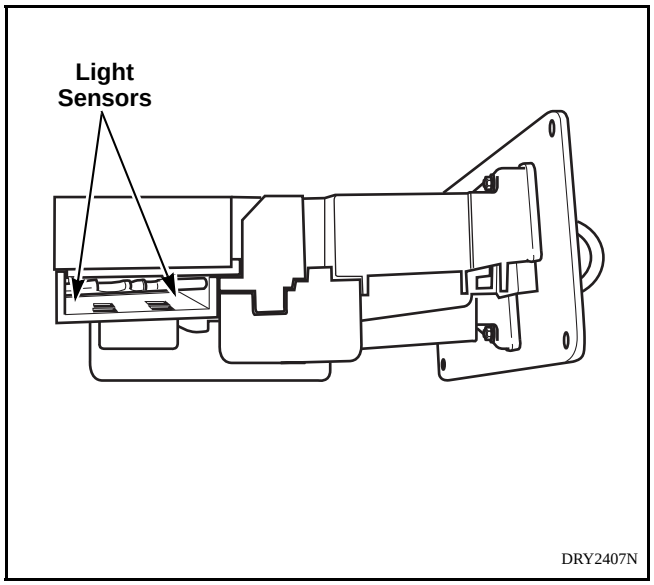


Figure 24

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 10
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.

57. Timer Contacts

Refer to *Figure 25*.

a. Disconnect wires from timer, except timer motor wires.

NOTE: Refer to wiring diagram when rewiring timer.

b. While supporting timer, remove screws holding timer to control cabinet.
c. Pull timer out through control panel opening as far as wires will permit.
d. Manually rotate timer out of "OFF" position and into cycle.
e. 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 and1709 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.

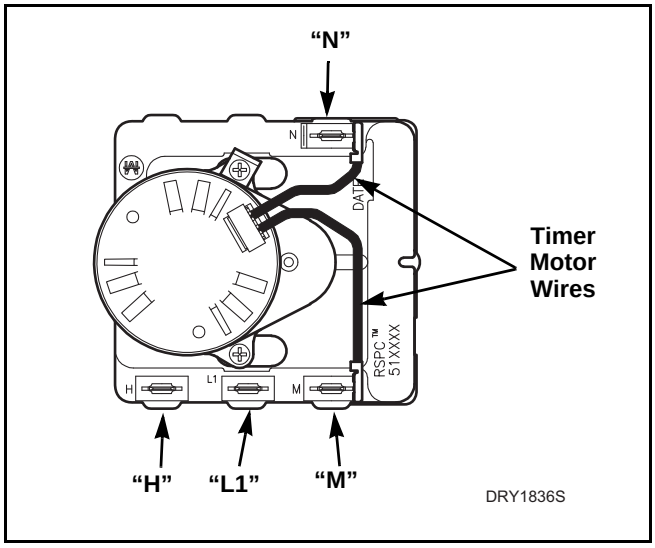


Figure 25

NOTE: Timer Motor Resistance:
120 Volt, 60 Hz2,460 – 3,100 Ohms
240 Volt10,900 – 13,000 Ohms
24 Volt80 – 130 Ohms

   (4) Rotate timer to "cooldown" (5 minutes before "OFF"). "Infinite" (open) reading should be found between L2 and H.
   (5) 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 and1709 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

58. Fabric Selector Switch

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

a. 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

59. Drive Motor

Refer to *Figure 26*.

a. Remove motor and exhaust assembly.

b. 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 Volt2,460 – 3,100 Ohms
240 Volt10,000 - 13,000 Ohms
24 Volt80-130 Ohms

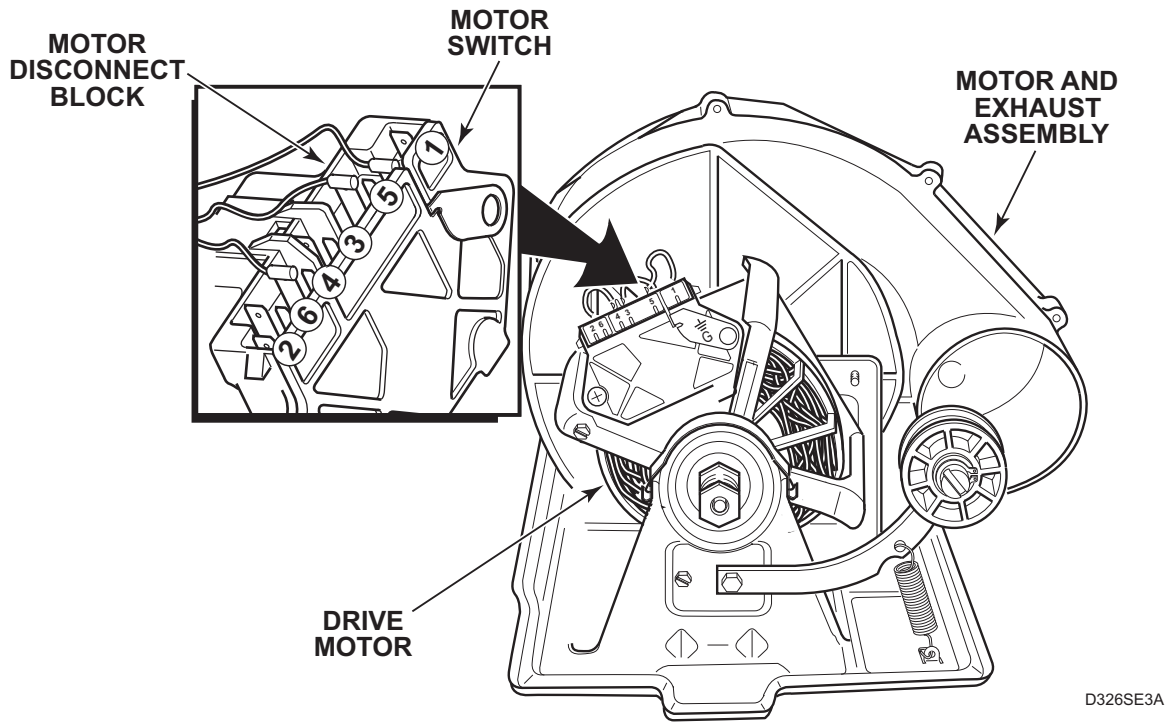


Figure 26

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 11 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

Unplug the motor wire harness from the motor connection block before starting this test.

Start Terminals

Note: Disconnect yellow wire from motor switch before testing start terminals.

A. Continuity exists between switch terminal 5 and black wire. **NO** → Inoperative motor switch. Replace switch.

YES

B. Manually depress actuator. Continuity broken between switch terminal 5 and black wire. **NO** → Inoperative motor switch. Replace switch.

YES

Run Terminals

Note: Reconnect yellow wire to motor switch before testing run terminals.

C. Continuity broken between switch terminal 6 and yellow wire. **NO** → Inoperative motor switch. Replace switch.

YES

D. Manually depress actuator. Continuity exists between switch terminal 6 and yellow wire. **NO** → Inoperative motor switch. Replace switch.

YES

Heater Circuit Terminals

E. Continuity broken between switch terminal 1 and switch terminal 2. **NO** → Inoperative motor switch. Replace switch.

YES

F. Manually depress actuator. Continuity exists between switch terminal 1 and switch terminal 2. **NO** → Inoperative motor switch. Replace switch.

YES

Motor switch checks O.K.

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.**

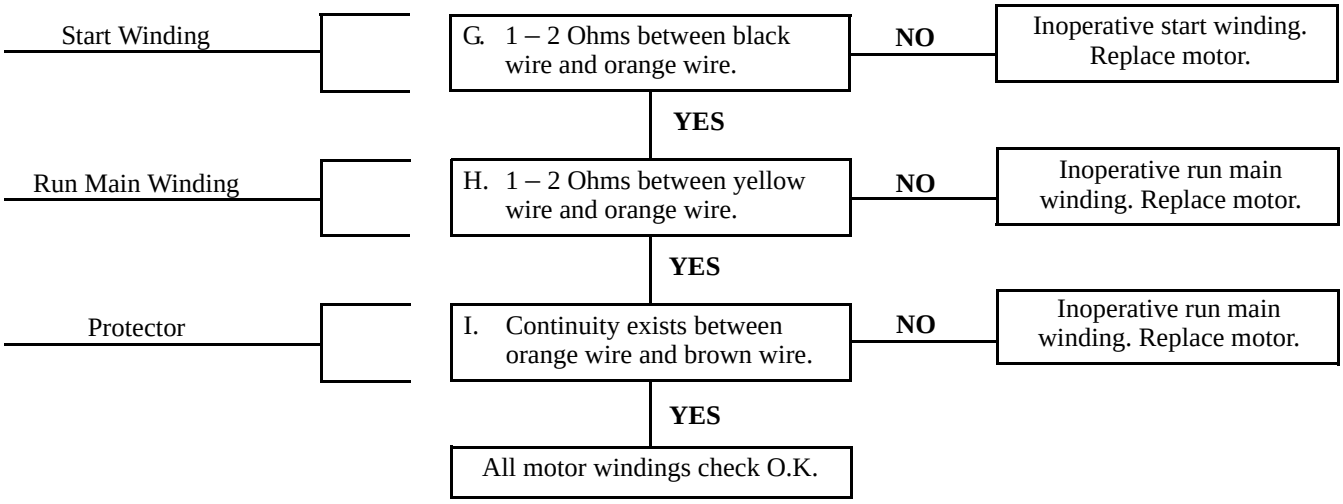
W001R1

d. **Motor Windings** (Refer to SECTION 11 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

60. Accumulator (Metered Models)

NOTE: Refer to wiring diagram when rewiring switches.

a. 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)

b. Manually advance timing cam until it engages with ratchet wheel and the first "click" is heard. Switch B should now read "infinite" (open).

c. 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).

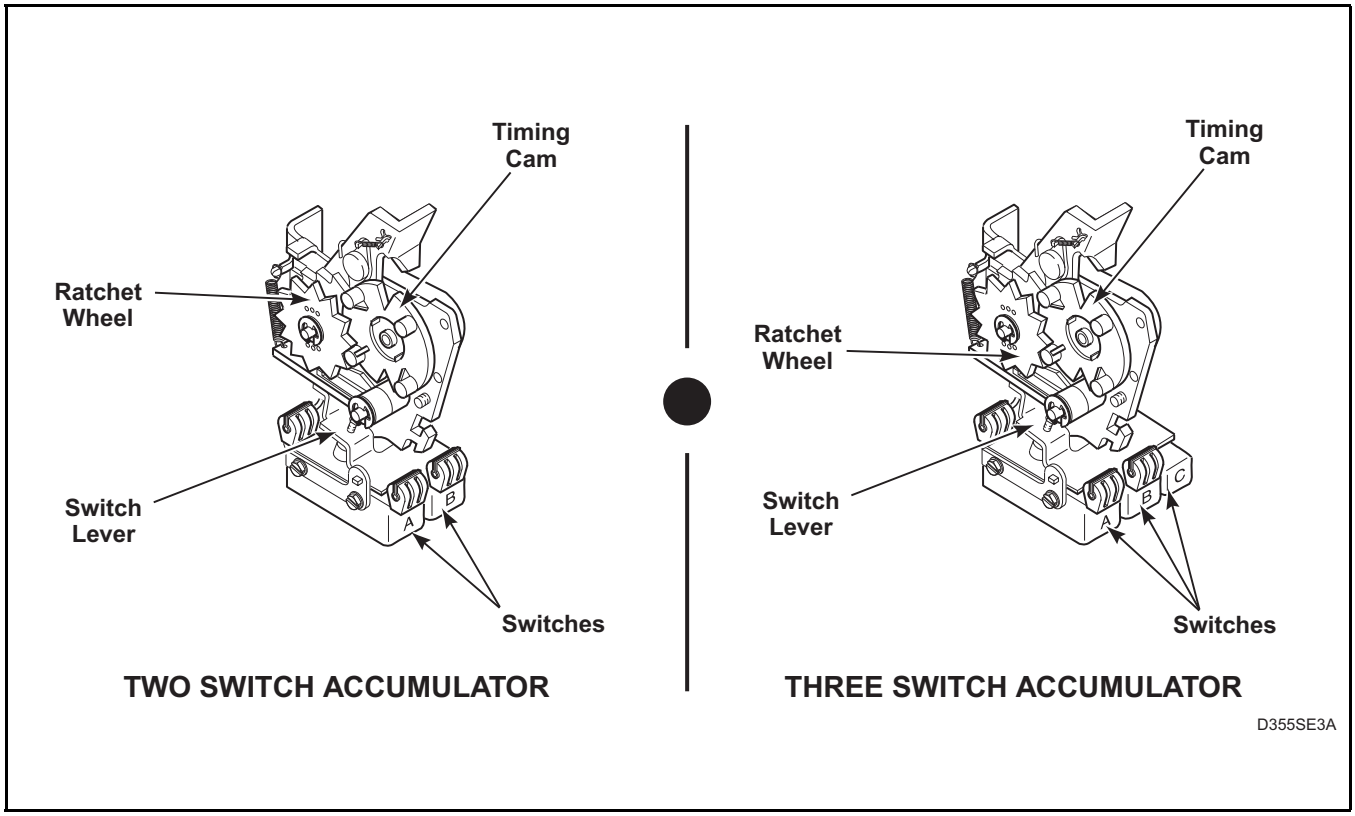


Figure 27

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

61. Motor Switch

a. Remove motor and exhaust fan assembly.
b. Remove the two motor switch attaching screws. Refer to *Figure 32*. Disconnect switch leads. Remove motor switch.
c. 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*.

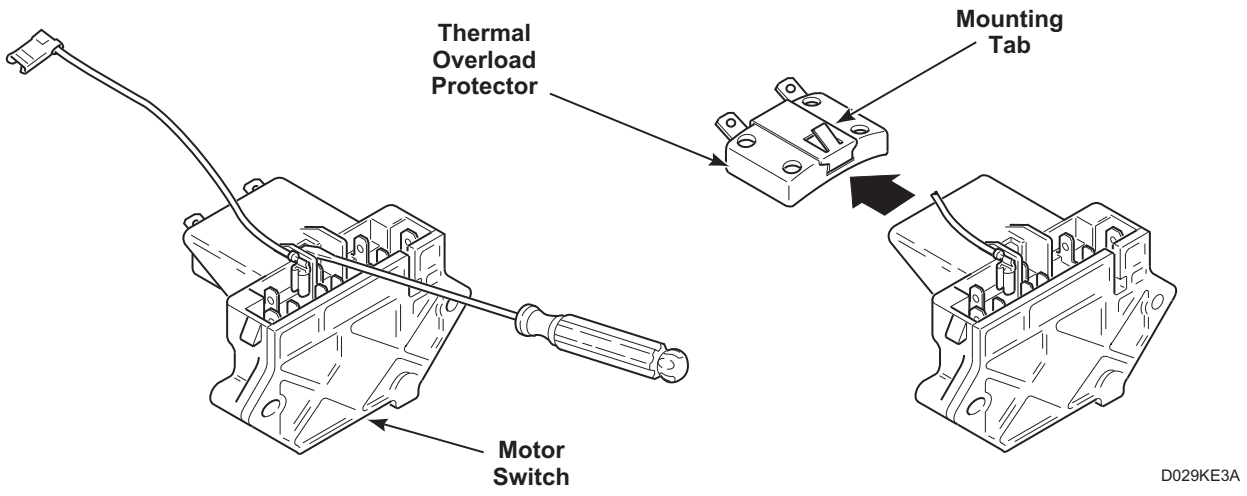


Figure 28

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*.

d. Attach the thermal overload protector removed in Step "c" to the new motor switch.
e. 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 59.*
g. 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.

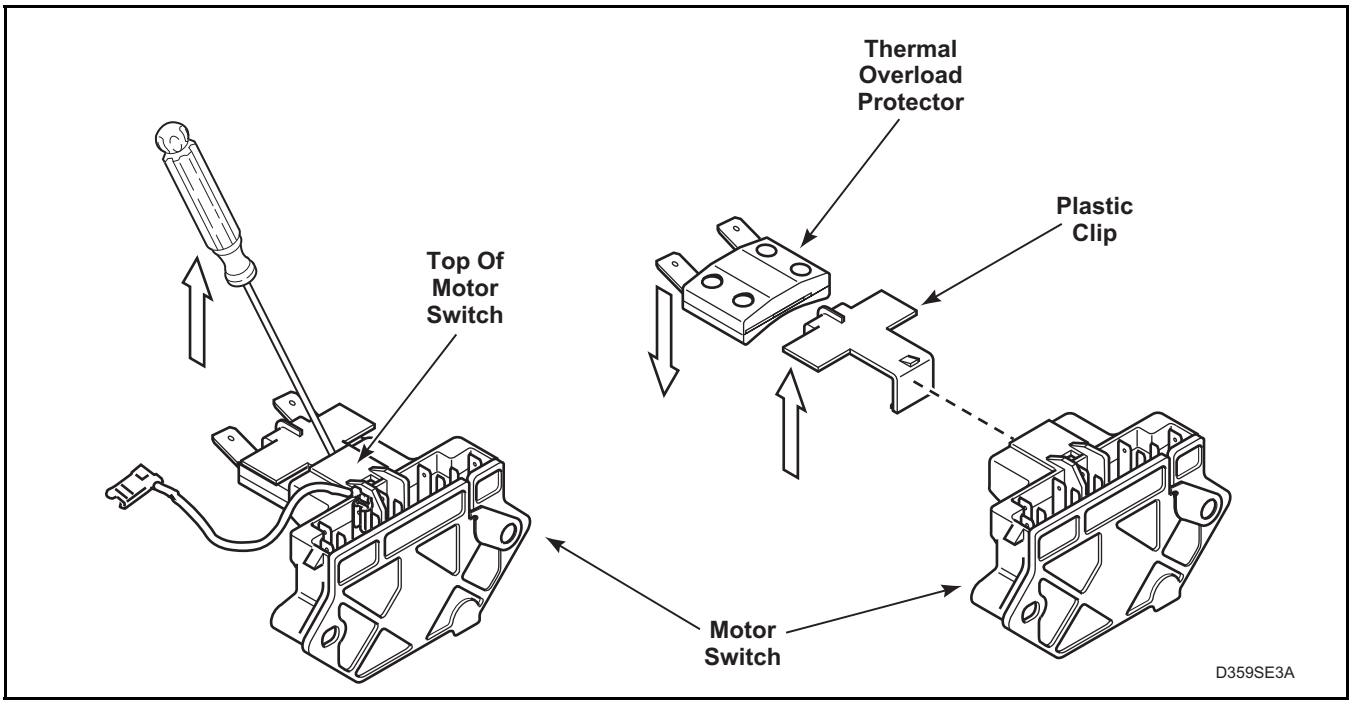


Figure 29

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

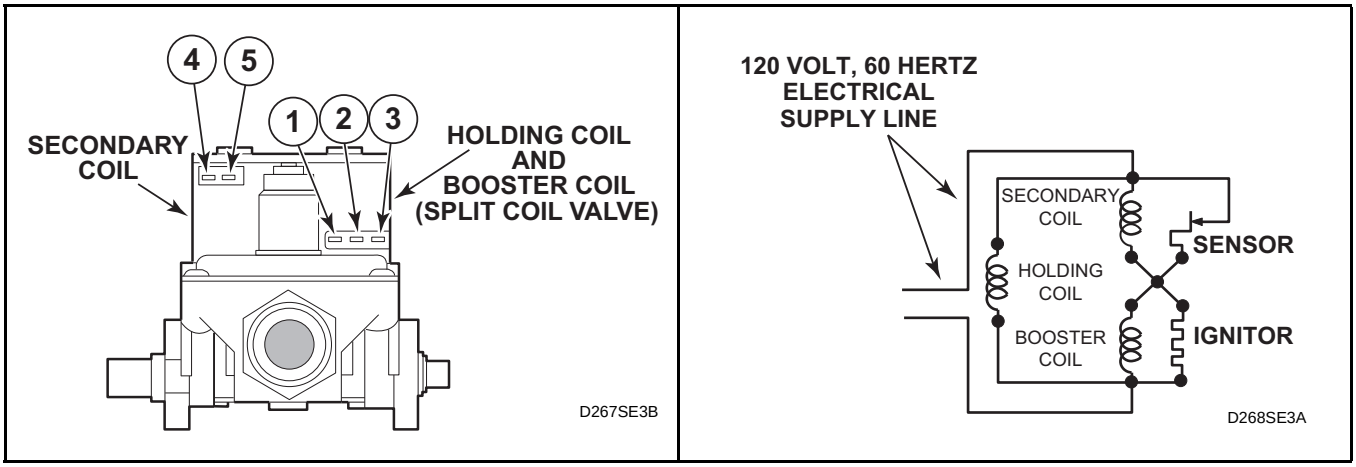


Figure 30

62. 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

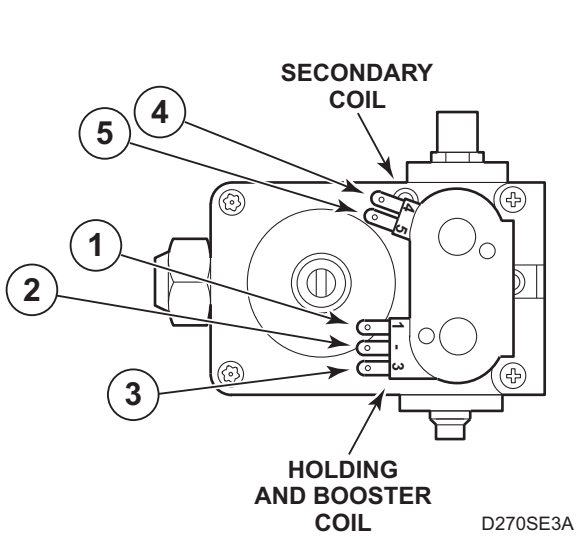
-ignition circuit.

e. **Flame Failure**

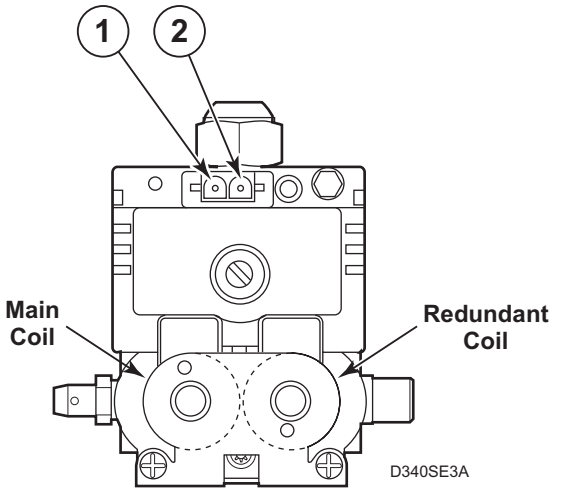
In case of flame failure, the sensor contacts will re-close in about 45 seconds. This will close the secondary valve and the burner system will be in the normal pre-ignition circuit.

f. **Ignition Failure**

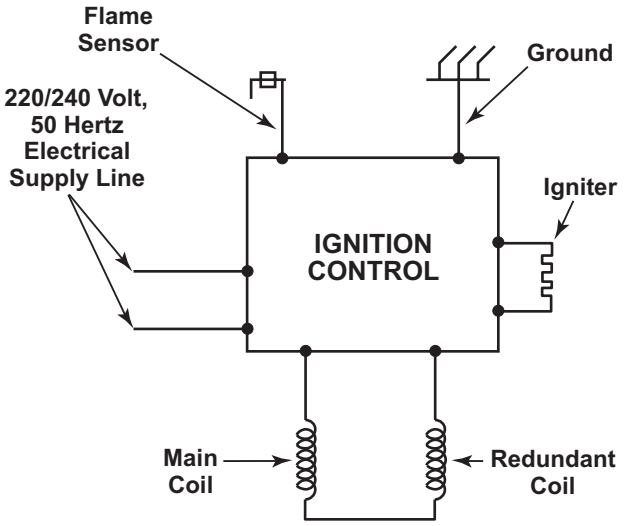
If flame is not established as sensor contacts open, secondary valve will remain open until sensor contacts re-close. Sensor will continue to recycle the igniter and secondary valve (about once per minute) until ignition is made or dryer is turned off.



GAS VALVE FOR SILICON CARBIDE IGNITION



GAS VALVE FOR SILICON NITRATE IGNITION



WIRING SCHEMATIC

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

63. Electrical Circuit To Ignition System (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 valve wire harness disconnect block from the holding and booster coil. Refer to *Figure 31*.
e. Plug dryer power cord into wall receptacle, and start the dryer in a heat setting (refer to the Operating Instructions supplied with dryer).
f. 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.
g. 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

64. Gas Valve Coils 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 disconnect blocks from gas valve coils.
e. 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

65. 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.

66. 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.

67. 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.

68. 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

69. 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

70. 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”.

71. 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.**

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72. 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 resitance is present (thermistor is not open).

Section 11
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.**

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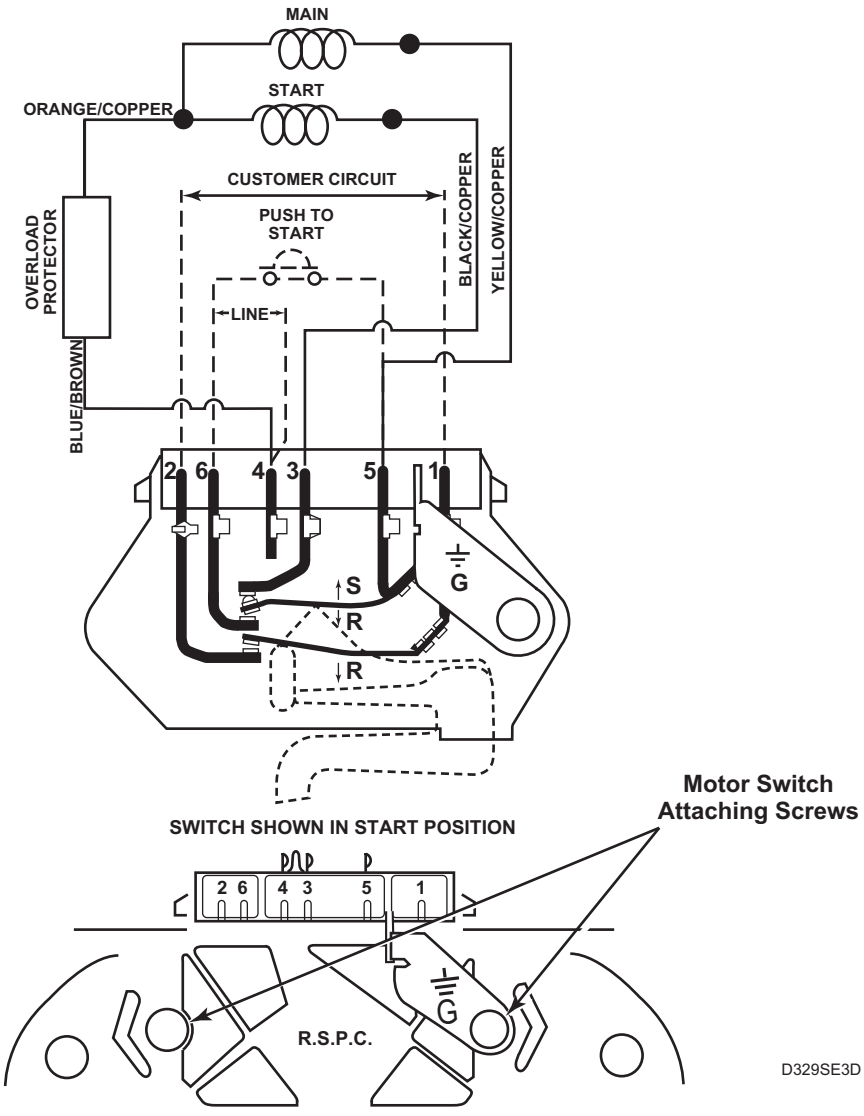

Figure 32