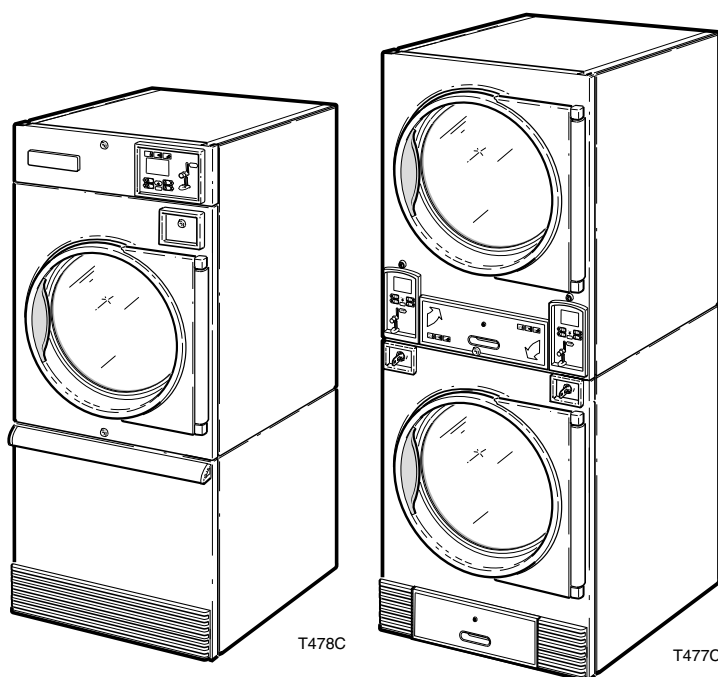


Drying Tumblers

Refer to Page 3 for Model Identification



— Troubleshooting —

Keep These Instructions for Future Reference.

(If this machine changes ownership, this manual must accompany machine.)



www.comlaundry.com

Part No. 70172201
November 2001

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Introduction

Model Identification

Information in this manual is applicable to these tumbler models:

| | Gas | | Steam/Thermal Oil | | Electric | |
|---|-----------|-----------|-------------------|-----------|-----------|-----------|
| 25 Pound (220 Liter) | DC0220SFG | JT0220SFG | DC0220SSL | JT0220SSL | DC0220SEL | JT0220SEL |
| | DC0220SRG | JT0220SRG | DT0220SSH | SC0220SSL | DT0220SEL | SC0220SEL |
| | DT0220SFG | SC0220SFG | DT0220SSL | ST0220SSH | JC0220SEL | ST0220SEL |
| | DT0220SRG | SC0220SRG | JC0220SSL | ST0220SSL | | |
| | JC0220SFG | ST0220SFG | JT0220SSH | | | |
| | JC0220SRG | ST0220SRG | | | | |
| 30 Pound (270 Liter) | DC0270SFG | JT0270SFG | DC0270SSL | JT0270SSL | DC0270SEL | JT0270SEL |
| | DC0270SRG | JT0270SRG | DT0270SSH | SC0270SSL | DT0270SEL | SC0270SEL |
| | DT0270SFG | SC0270SFG | DT0270SSL | ST0270SSH | JC0270SEL | ST0270SEL |
| | DT0270SRG | SC0270SRG | JC0270SSL | ST0270SSL | | |
| | JC0270SFG | ST0270SFG | JT0270SSH | | | |
| | JC0270SRG | ST0270SRG | | | | |
| 30 Pound Stacked (300 Liter) | DC0300DFG | JT0300DRG | DC0300DSL | JT0300DSL | DC0300DEL | JT0300DEL |
| | DC0300DRG | NT0300DRG | DT0300DSH | SC0300DSL | DT0300DEL | SC0300DEL |
| | DT0300DFG | SC0300DFG | DT0300DSL | ST0300DSH | JC0300DEL | ST0300DEL |
| | DT0300DRG | SC0300DRG | JC0300DSL | ST0300DSL | | |
| | JC0300DFG | ST0300DFG | JT0300DSH | | | |
| | JC0300DRG | ST0300DRG | | | | |
| 35 Pound (350 Liter) | AT0350SRG | JT0350SFG | AT0350SSL | JT0350SSH | DC0350SEL | JT0350SEL |
| | DC0350SFG | JT0350SRG | DC0350SSL | JT0350SSL | DT0350SEL | SC0350SEL |
| | DC0350SRG | SC0350SFG | DT0350SSH | SC0350SSL | JC0350SEL | ST0350SEL |
| | DT0350SFG | SC0350SRG | DT0350SSL | ST0350SSH | | |
| | DT0350SRG | ST0350SFG | JC0350SSL | ST0350SSL | | |
| | JC0350SFG | ST0350SRG | | | | |

Theory of Operation of Instant Electronic Ignition


IMPORTANT: The Non-CE Marked Instant Electronic Ignition system will attempt to light the gas by sparking for approximately 15 seconds. If gas ignition does not take place within approximately 15 seconds, the Instant Electronic Ignition control will go into safety lockout and the valve will no longer open until Instant Electronic Ignition control is reset. To reset Instant Electronic Ignition control, remove power from control by opening and closing the tumbler door. If condition persists, check that the gas shut-off valve is in “on” position and that the gas service is properly connected.


If condition persists:


1. Check resistance of high tension lead (approximately 1000 ohms/inch), and replace if not within resistance range.
2. Check voltage present at valve.
3. Check that machine is properly grounded.
4. Check the gap between igniter and burner tube (gap should be 1/4-3/8 inch).
5. Check that burner ports are not blocked or plugged under the igniter.

Safety Information

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

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


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

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

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

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

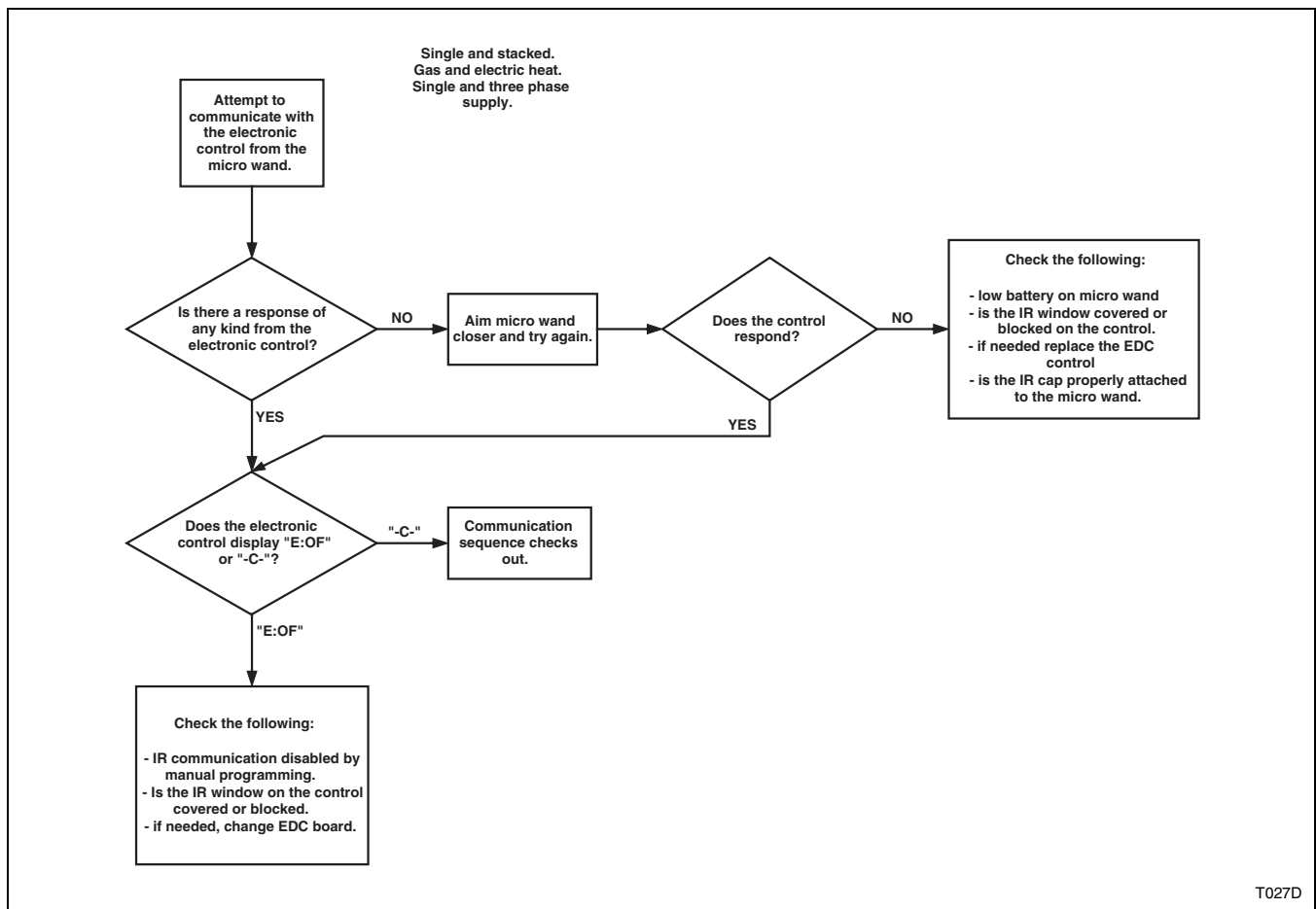
NOTE: The word “NOTE” is used to communicate installation, operation, maintenance or servicing information that is important but not hazard related.

| | |
|---|----------------|
|  | WARNING |
| Failure to install, maintain, and/or operate this machine according to manufacturer’s instructions may result in conditions which can produce serious injury, death and/or property damage. | |
| W051 | |

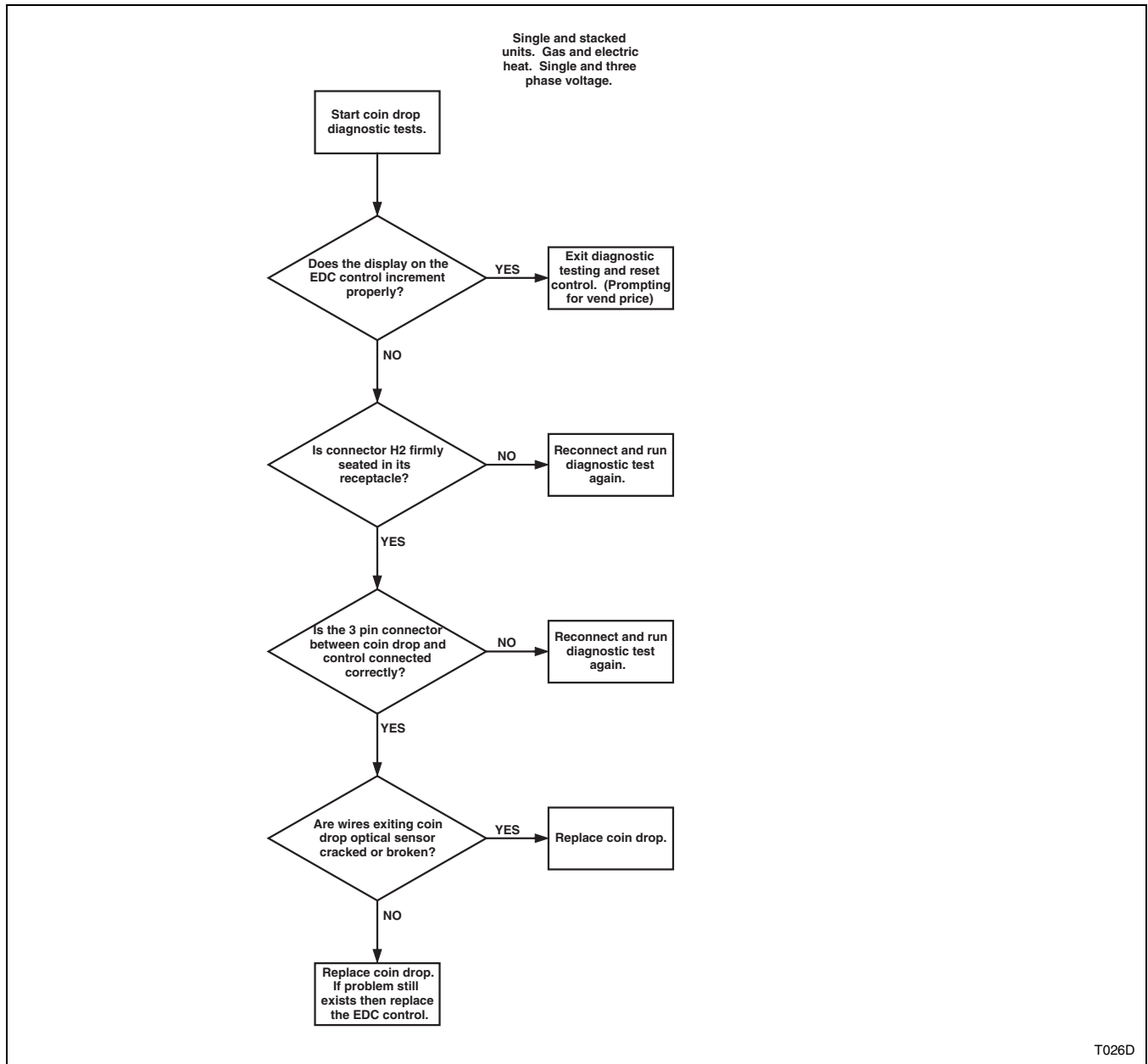
NOTE: The WARNINGS and IMPORTANT instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense, caution and carefulness are factors which CANNOT be built into this tumbler. These factors MUST BE supplied by the person(s) installing, maintaining or operating the tumbler.

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

Cannot Perform Infrared (IR) Communication



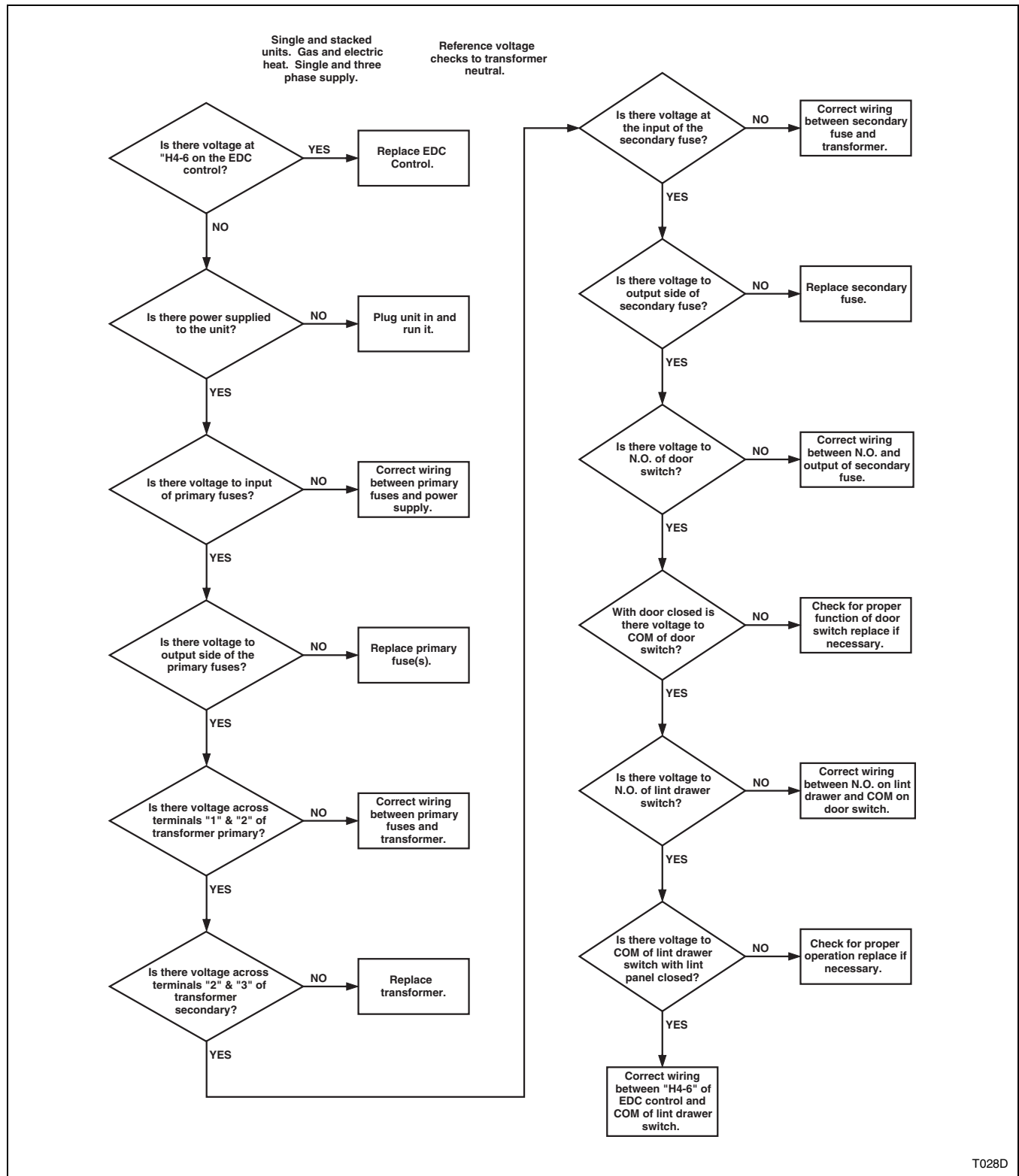
Coins Ignored When Entered



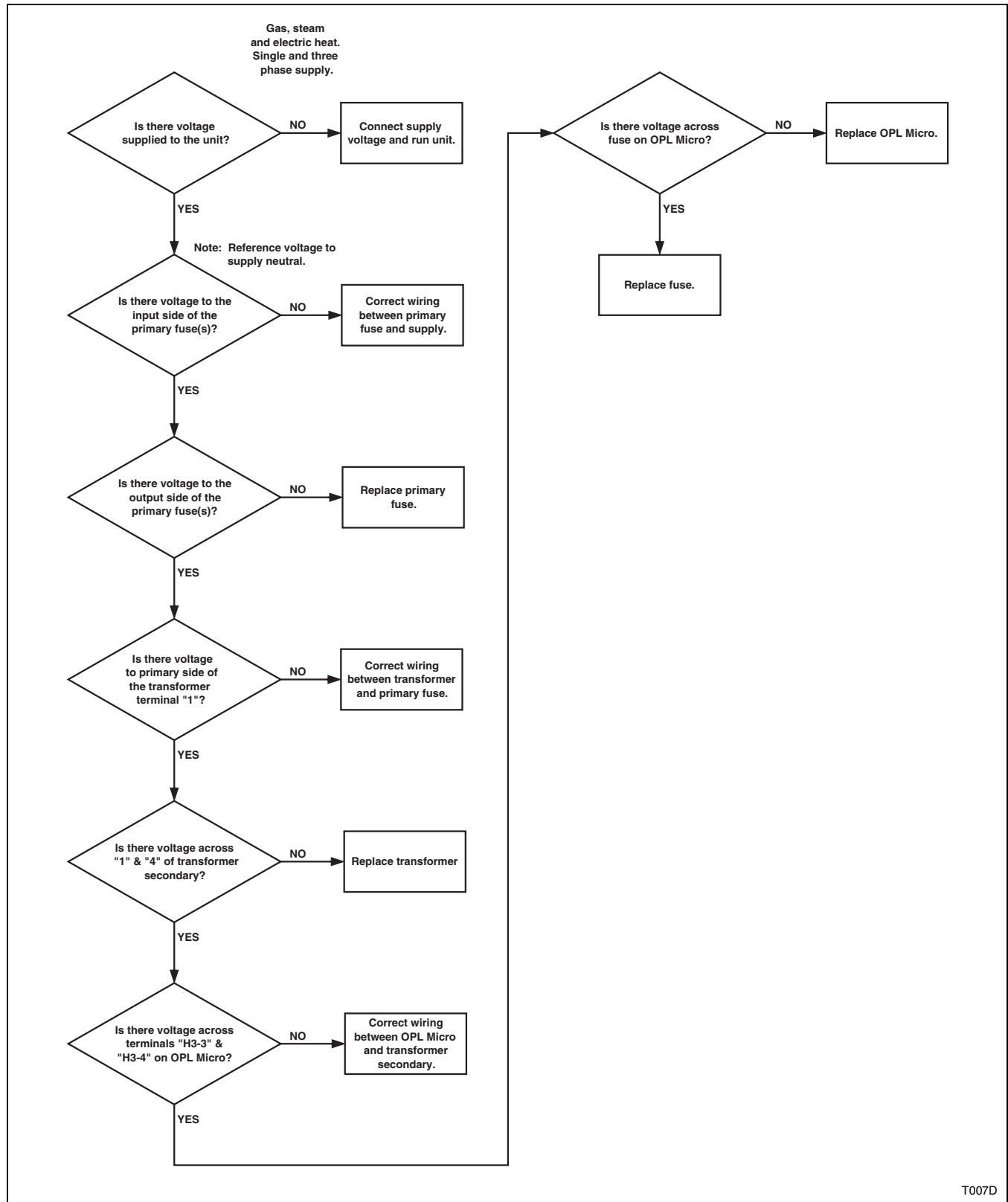
T026D

Control Display

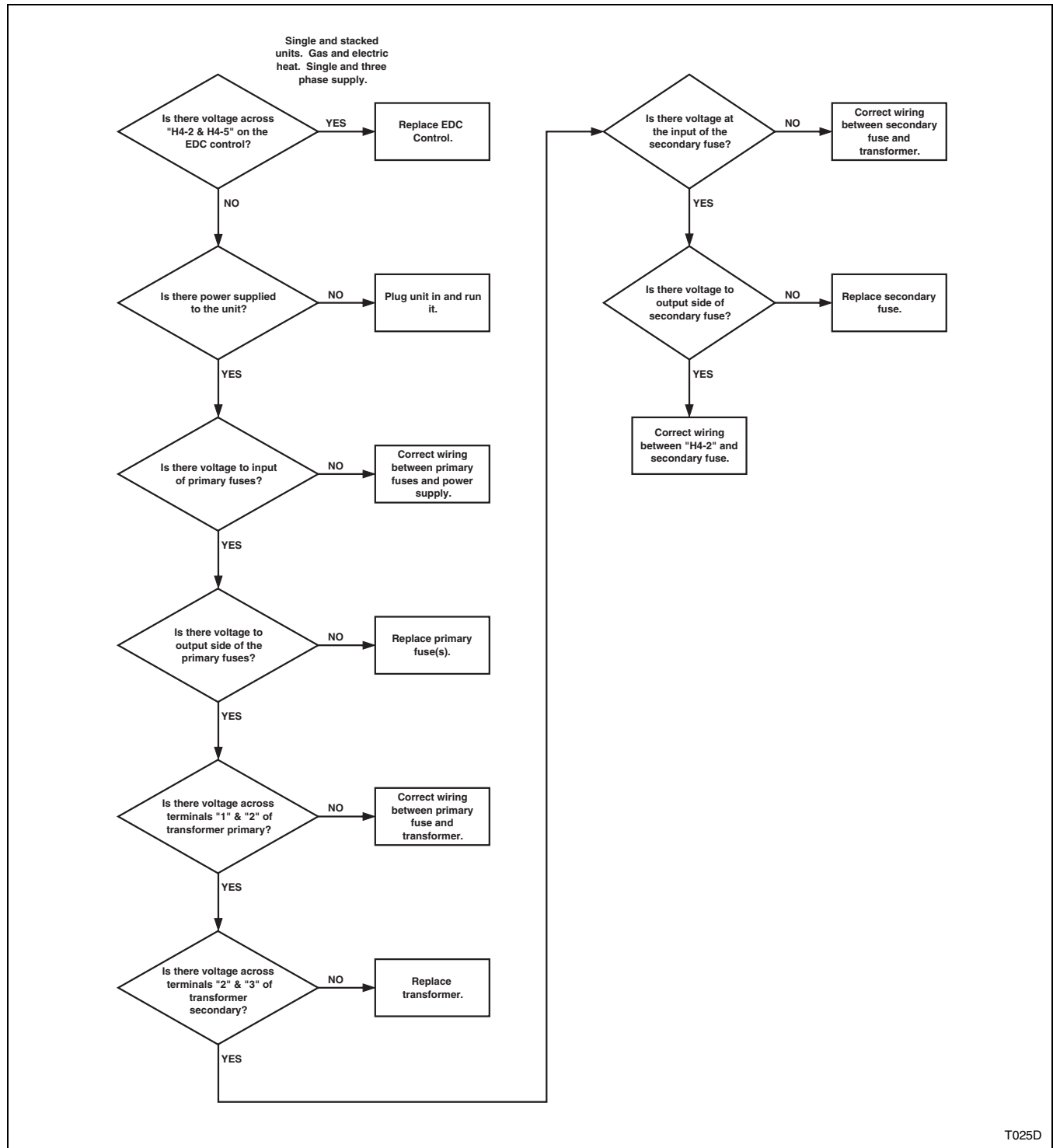
Door Open Light "On"



No Visible Display – OPL Microprocessor Models



No Visible Display – Power On



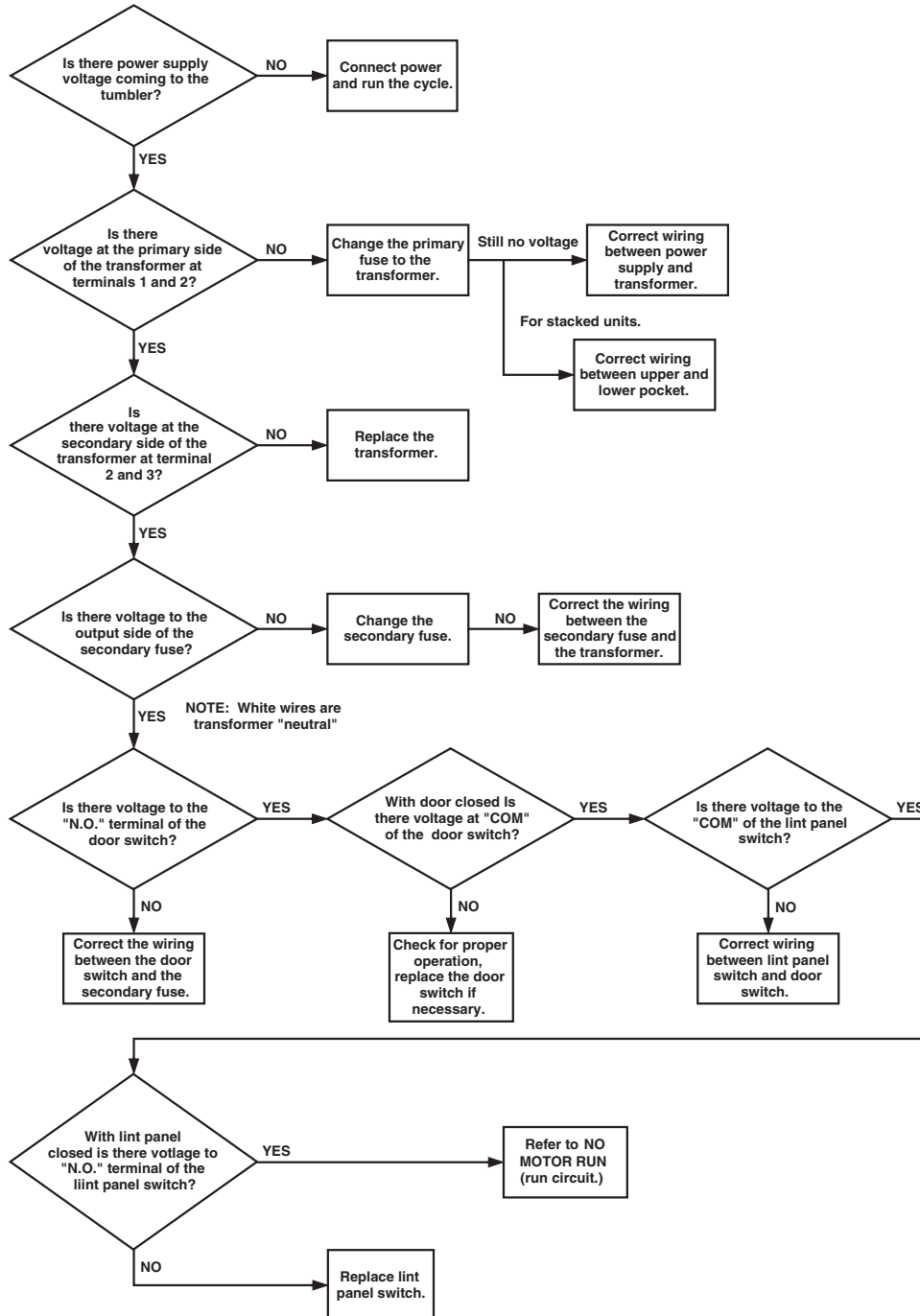
T025D

Will Not Start

Electric

Manual Timer

Manual Timer, with and without Time Delay Board, Single and Stacked units, Single and 3 Phase power supply.

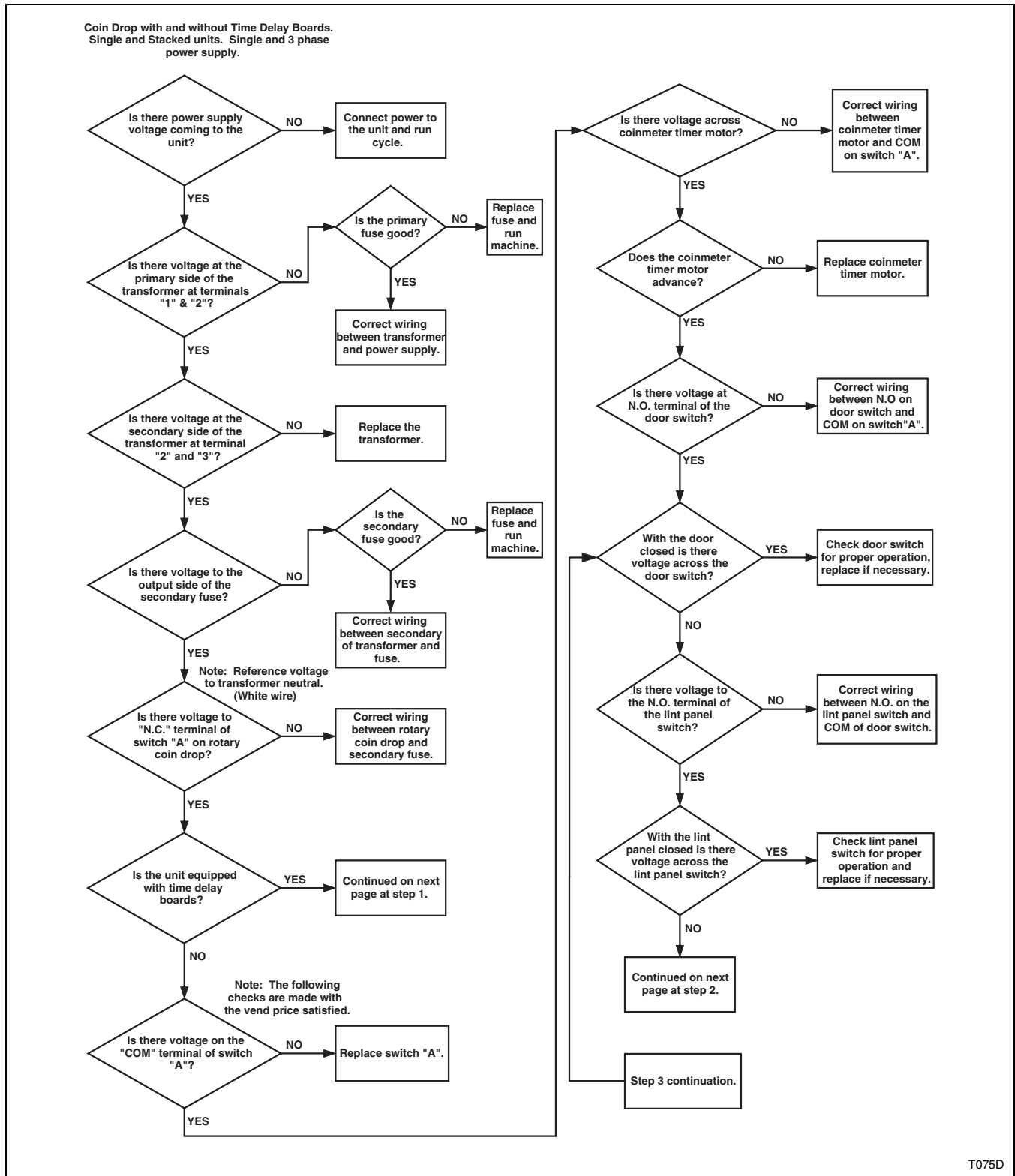


T050D

Will Not Start

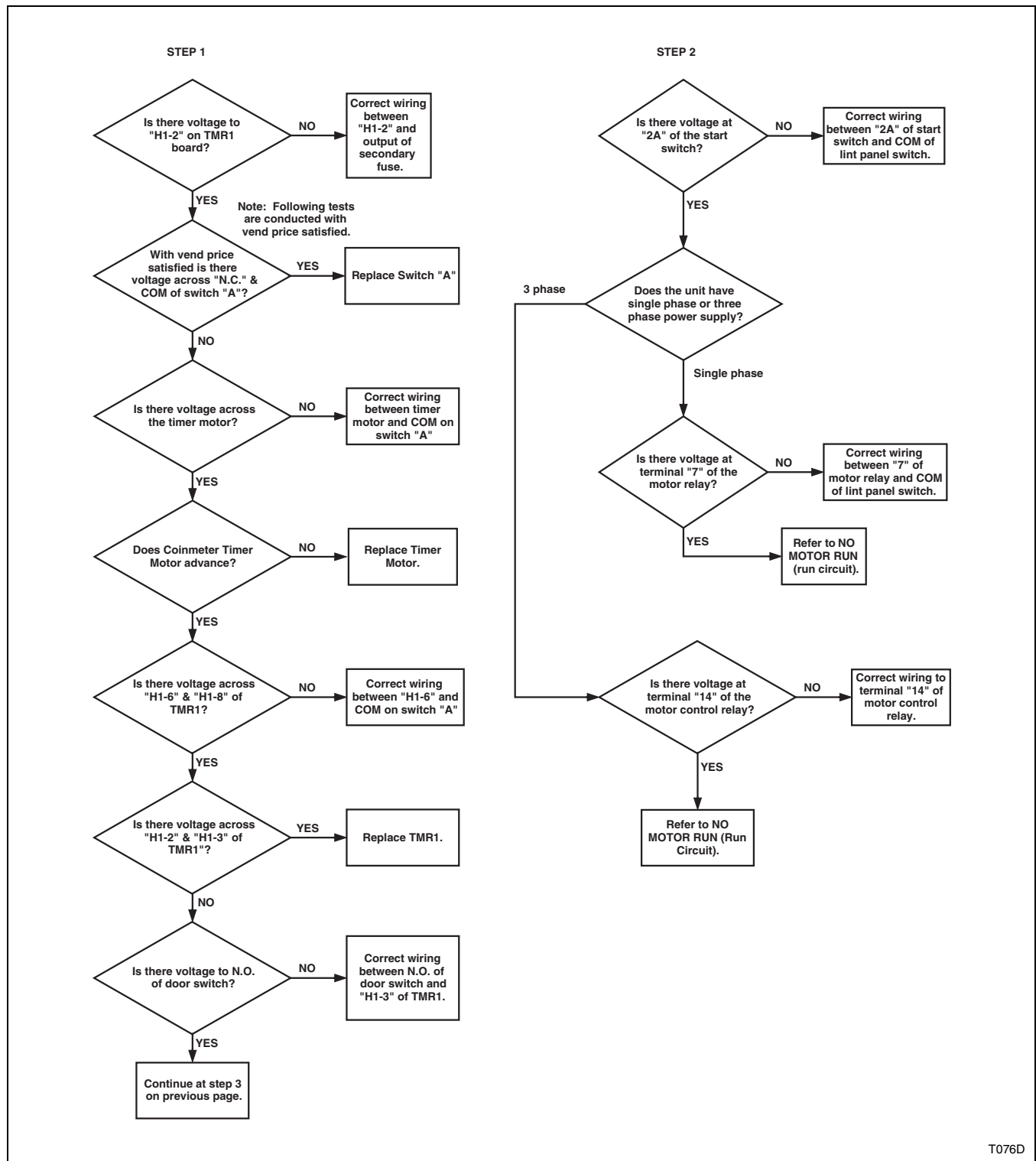
Electric

Rotary Coin Drop (Sheet 1 of 2)



Electric

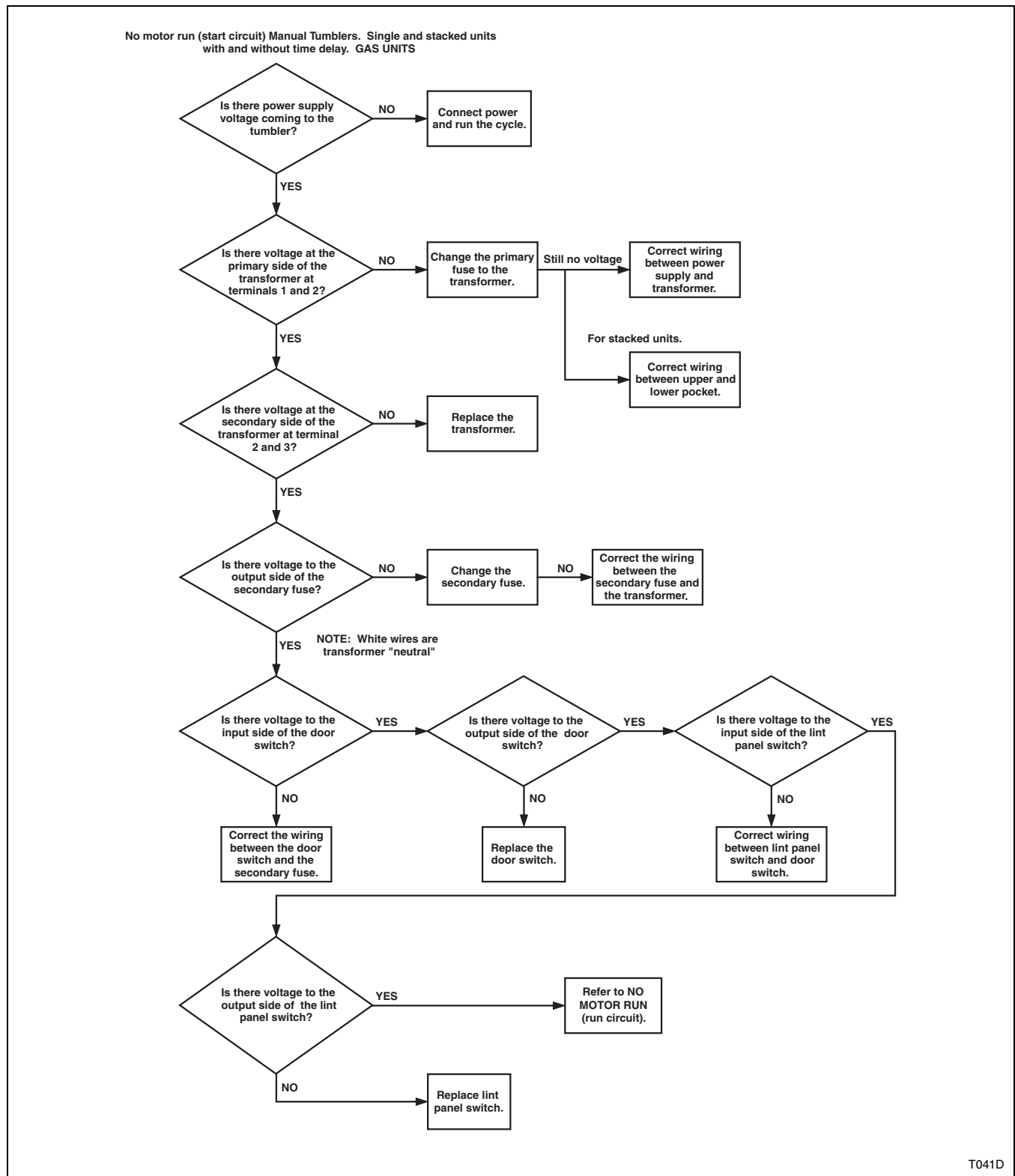
Rotary Coin Drop (Sheet 2 of 2)



Will Not Start

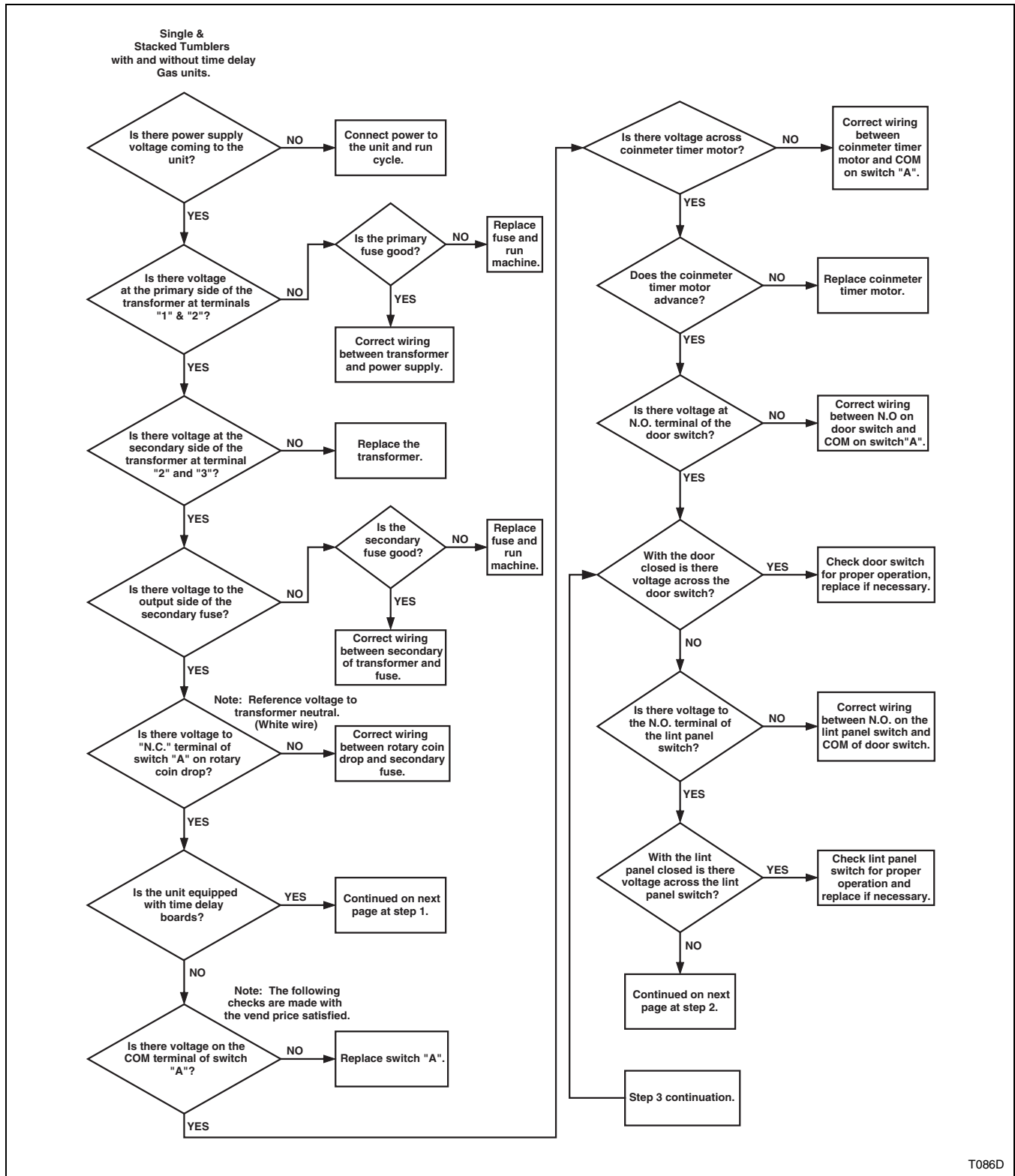
Gas

Manual Timer



Gas

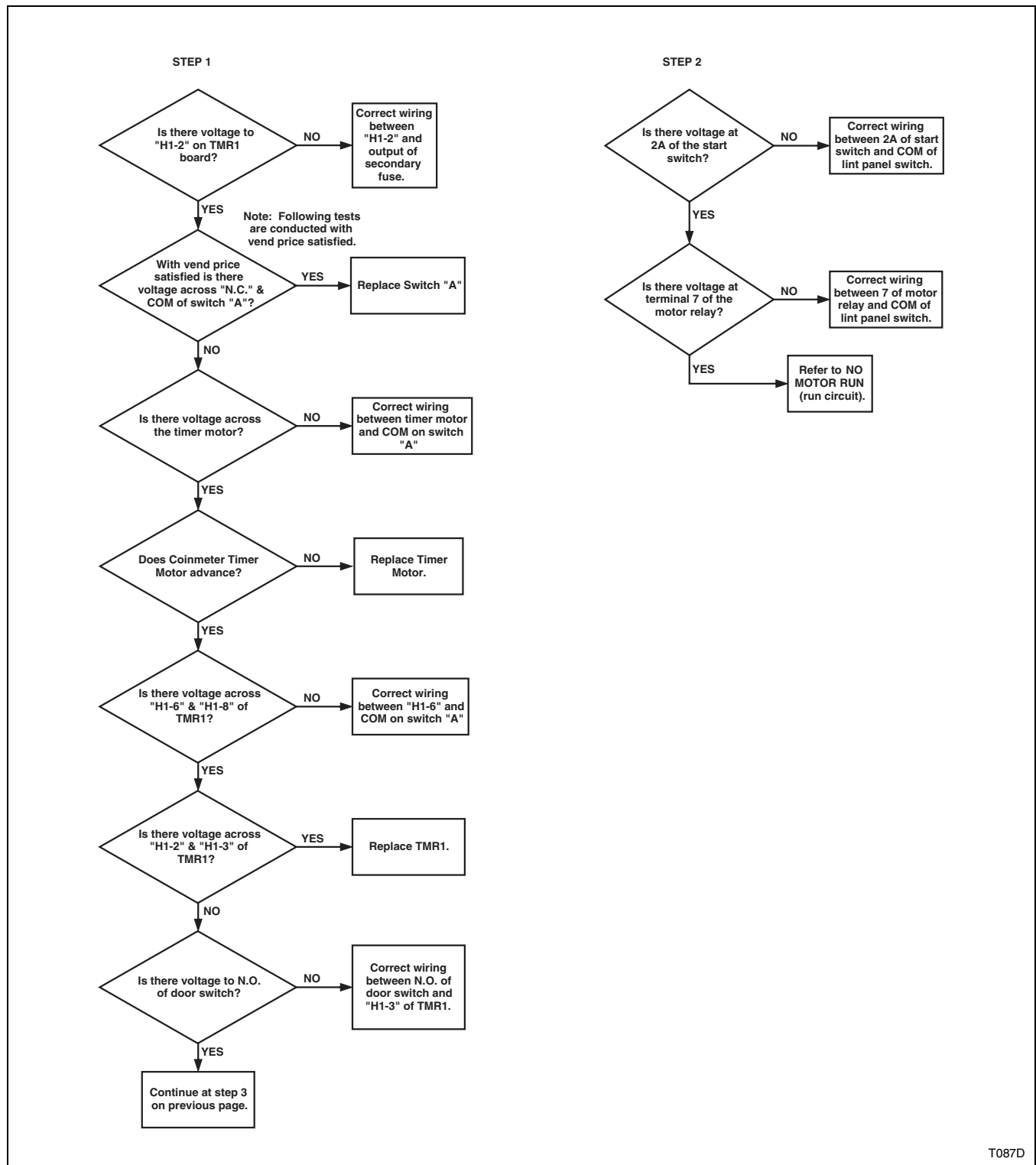
Rotary Coin Drop (Sheet 1 of 2)



Will Not Start

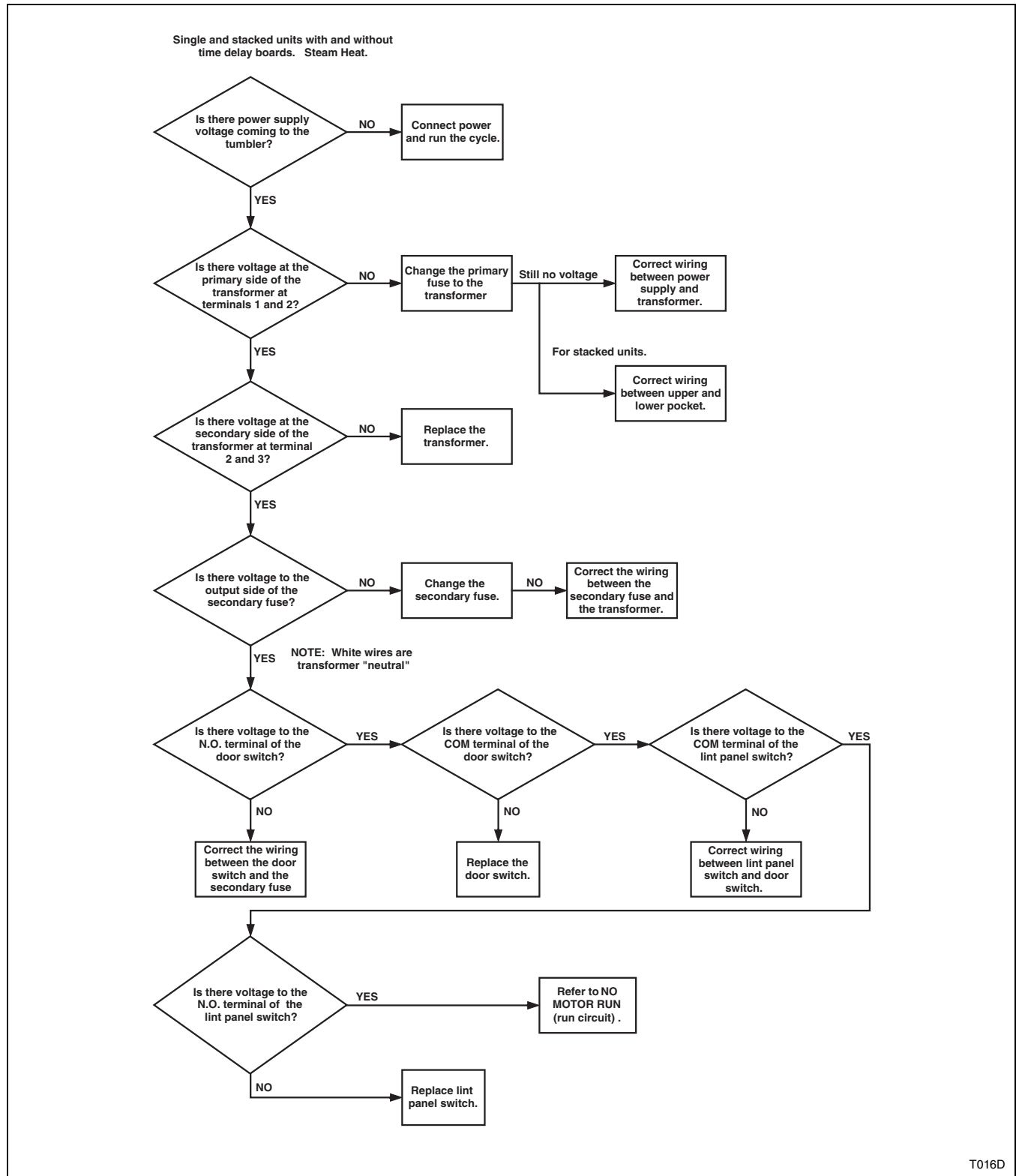
Gas

Rotary Coin Drop (Sheet 2 of 2)



Steam

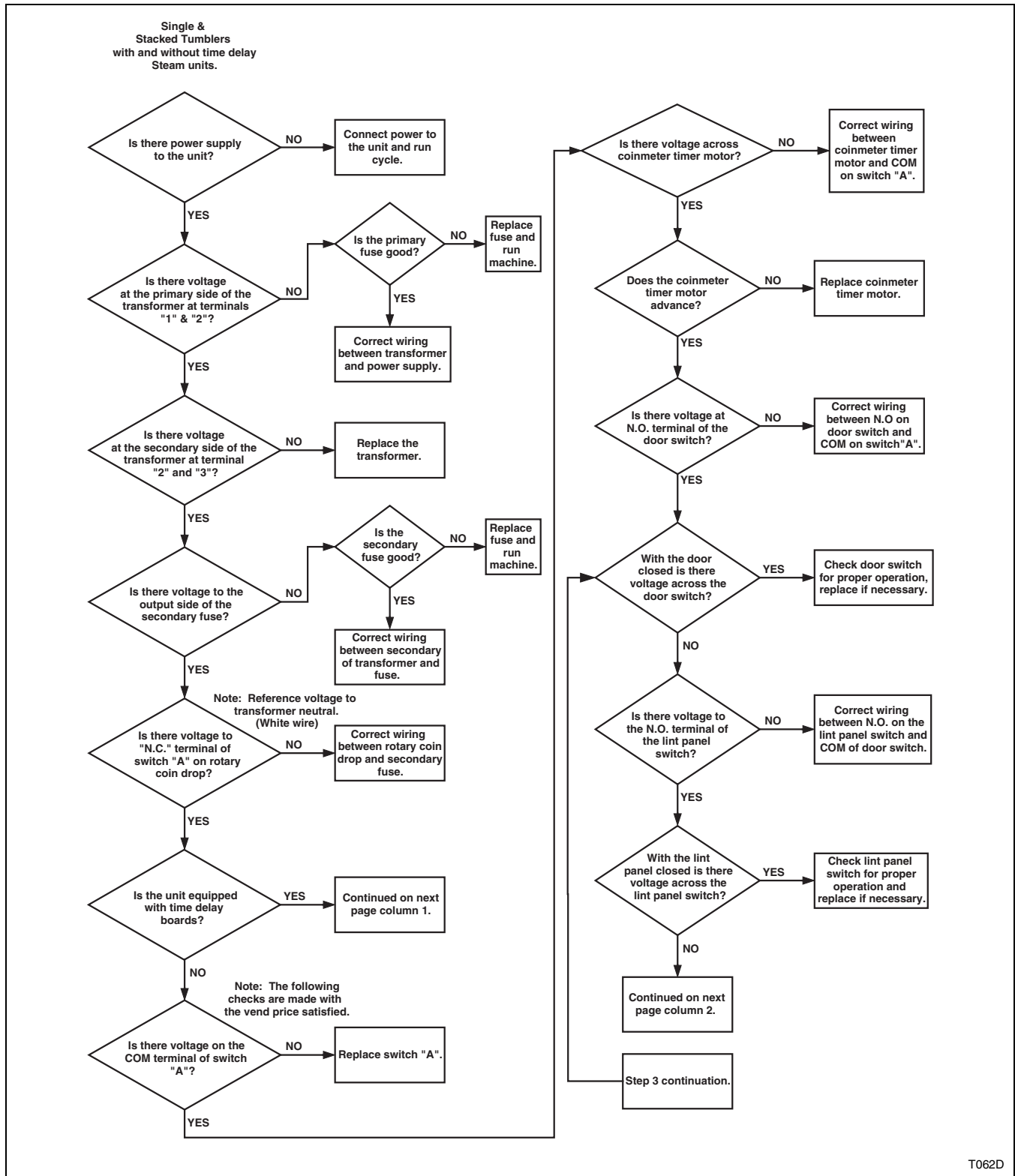
Manual Timer



Will Not Start

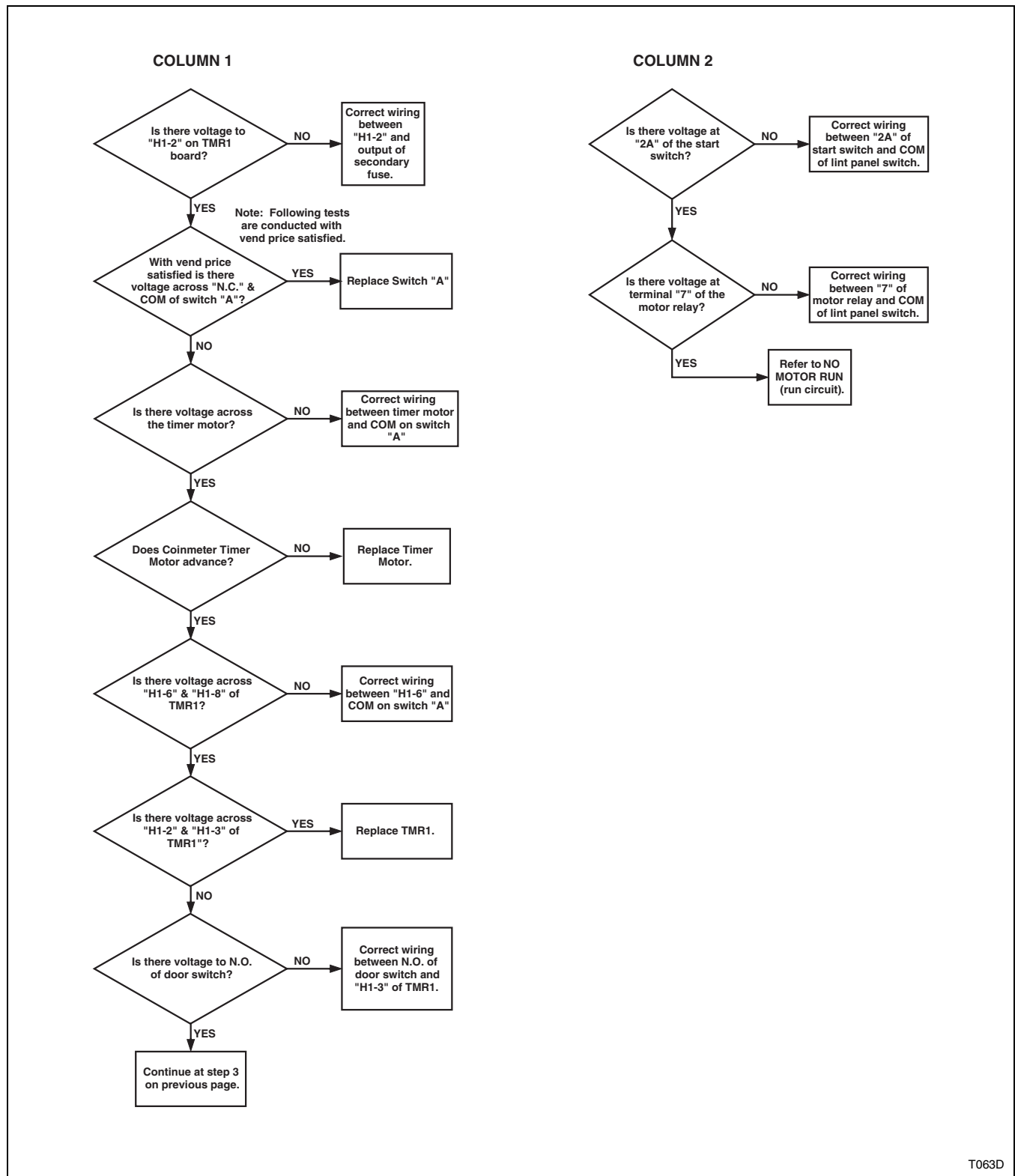
Steam

Rotary Coin Drop (Sheet 1 of 2)



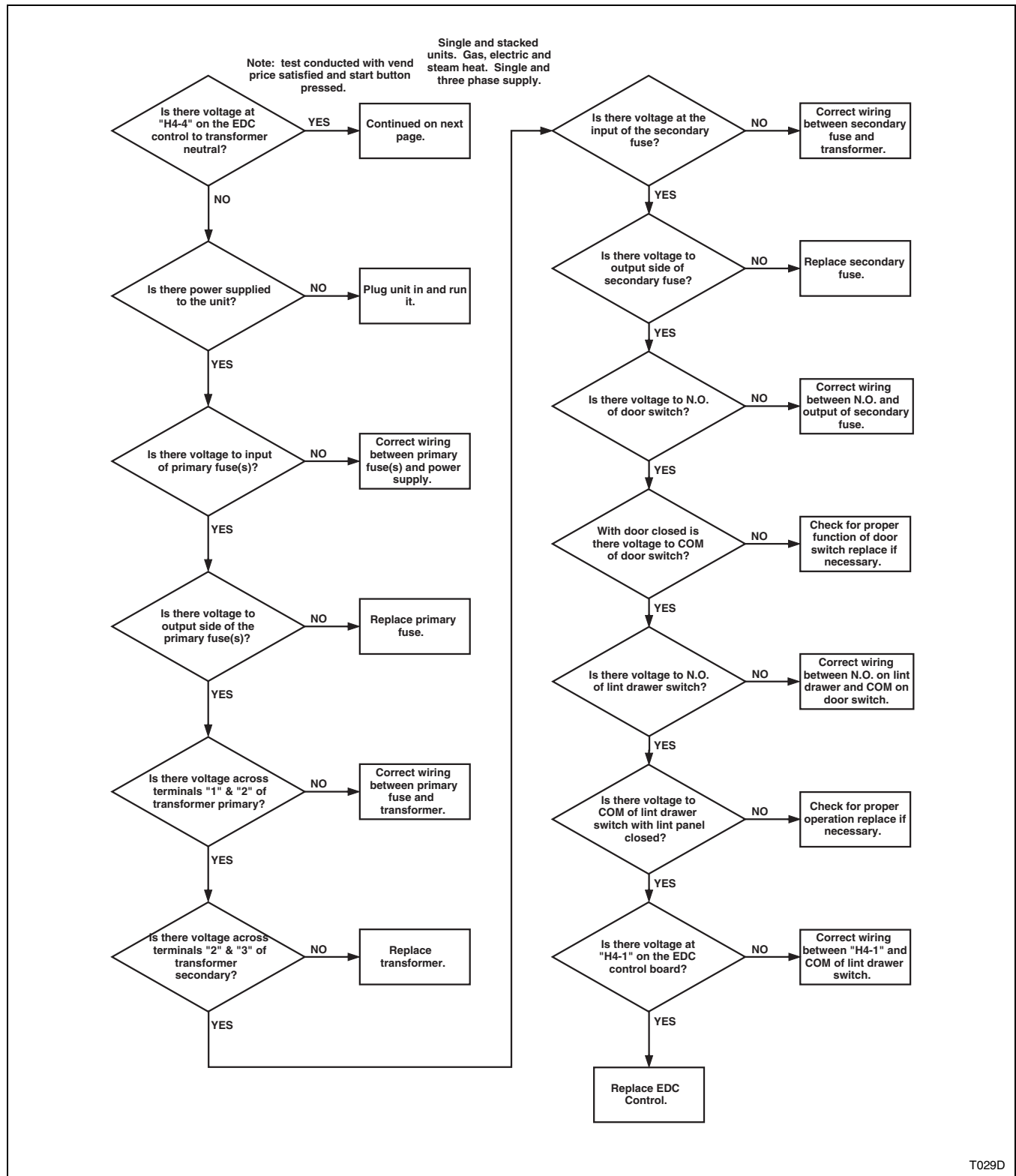
Steam

Rotary Coin Drop (Sheet 2 of 2)

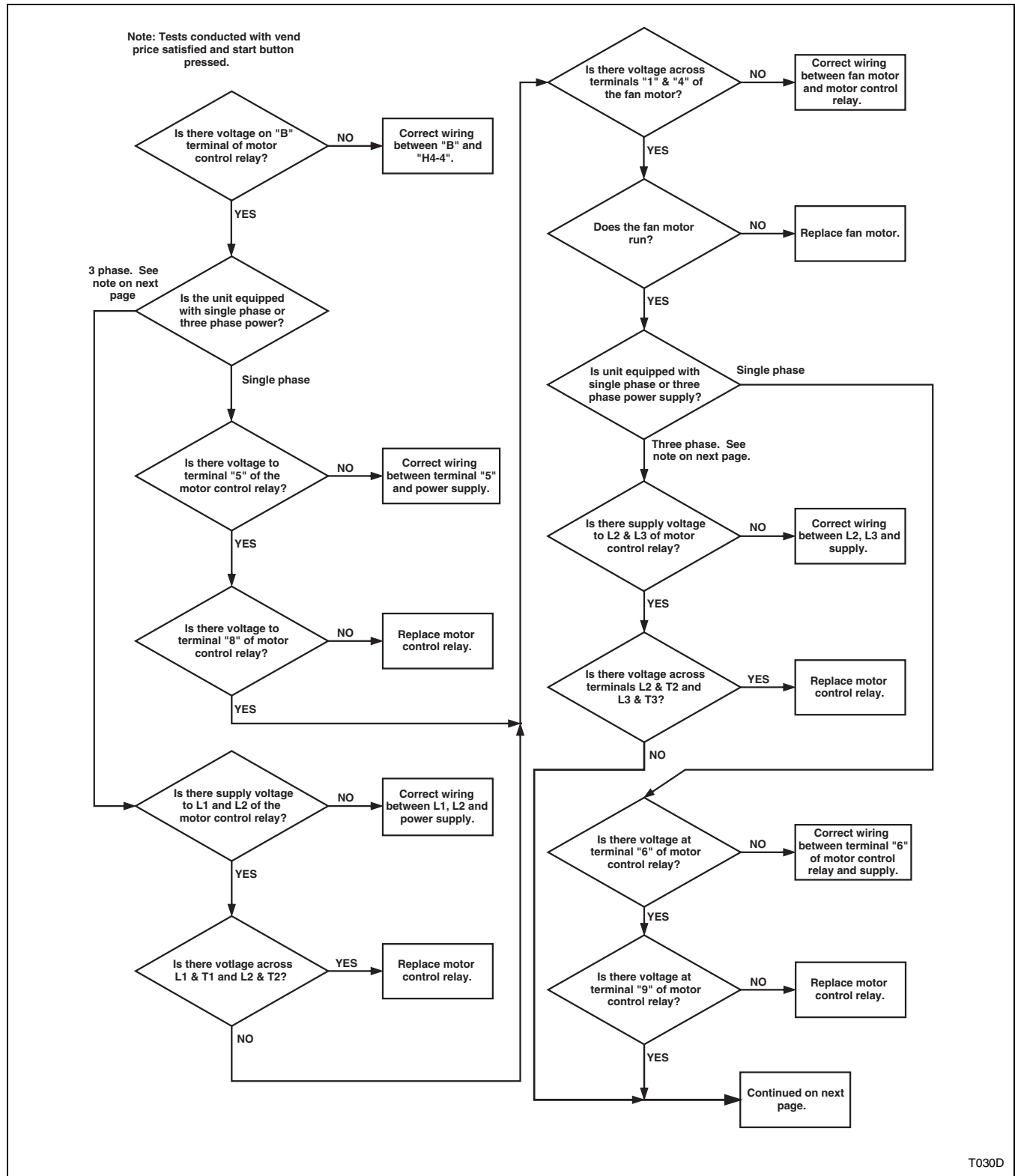


Will Not Start/Continue Running

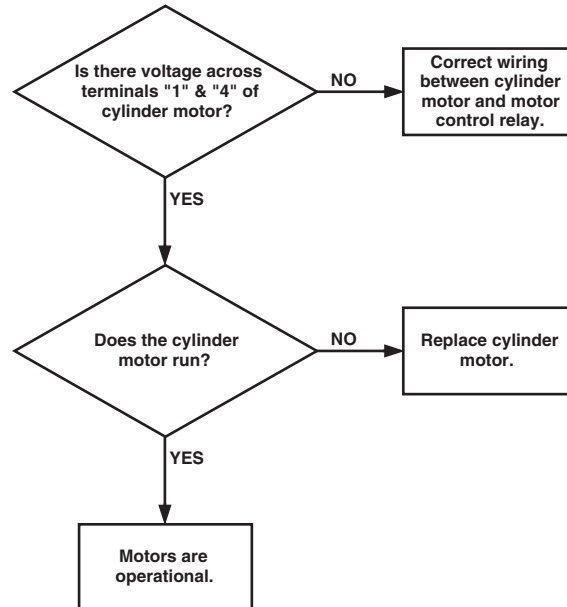
EDC Control (Sheet 1 of 3)



EDC Control (Sheet 2 of 3)



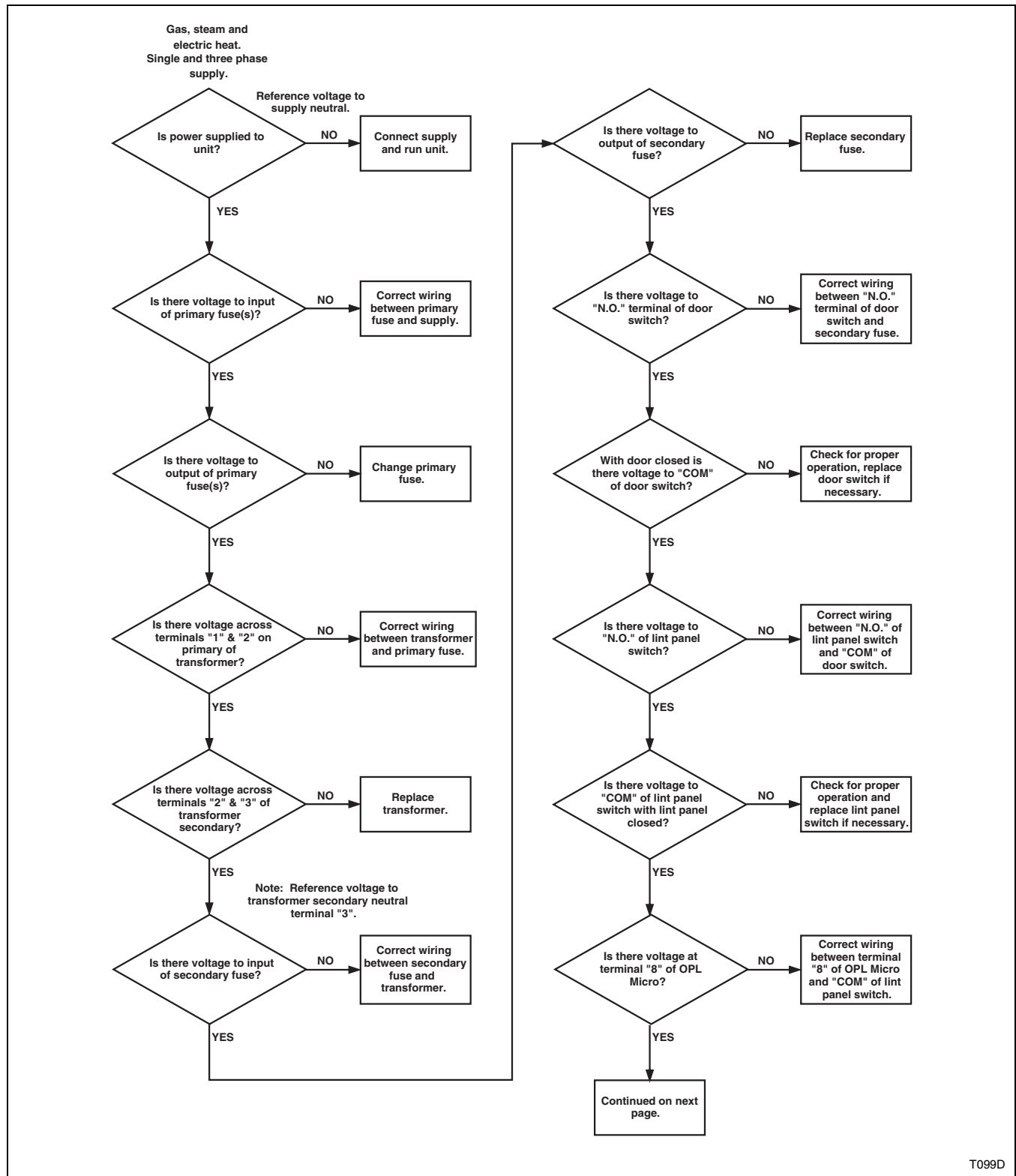
EDC Control (Sheet 3 of 3)



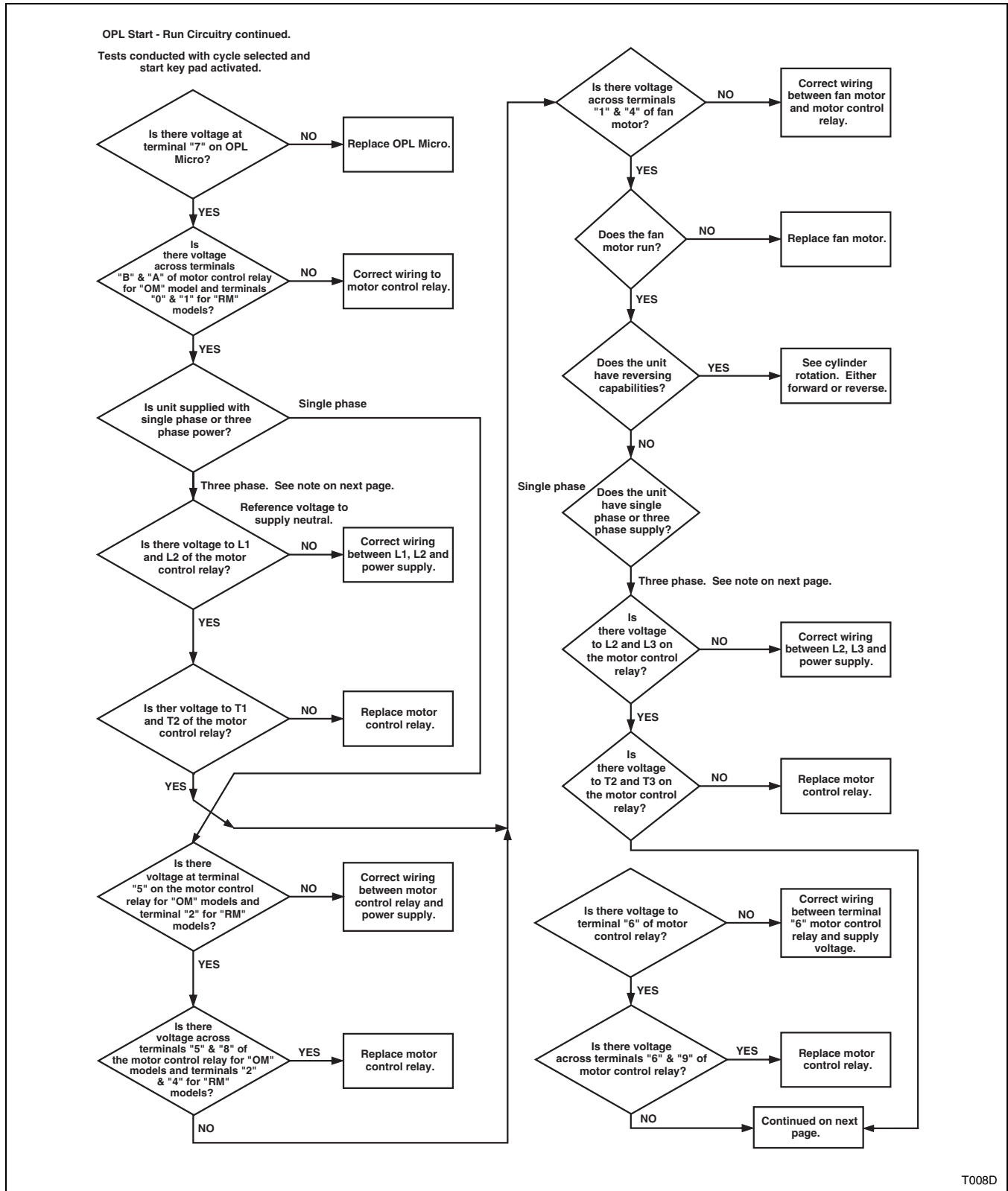
Note: For high voltage three phase supply (380 volts or higher), the cylinder and fan motors are supplied by L1, L2, L3 through the motor relay terminals T1, T2, T3. Make the appropriate adjustments when doing voltage checks.

T031D

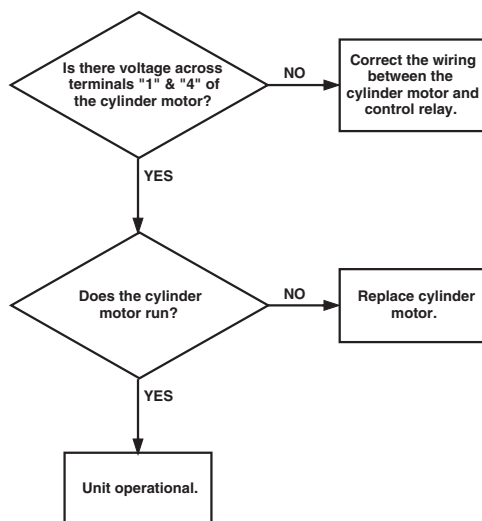
OPL Microprocessor Control (Sheet 1 of 3)



OPL Microprocessor Control (Sheet 2 of 3)



OPL Microprocessor Control (Sheet 3 of 3)



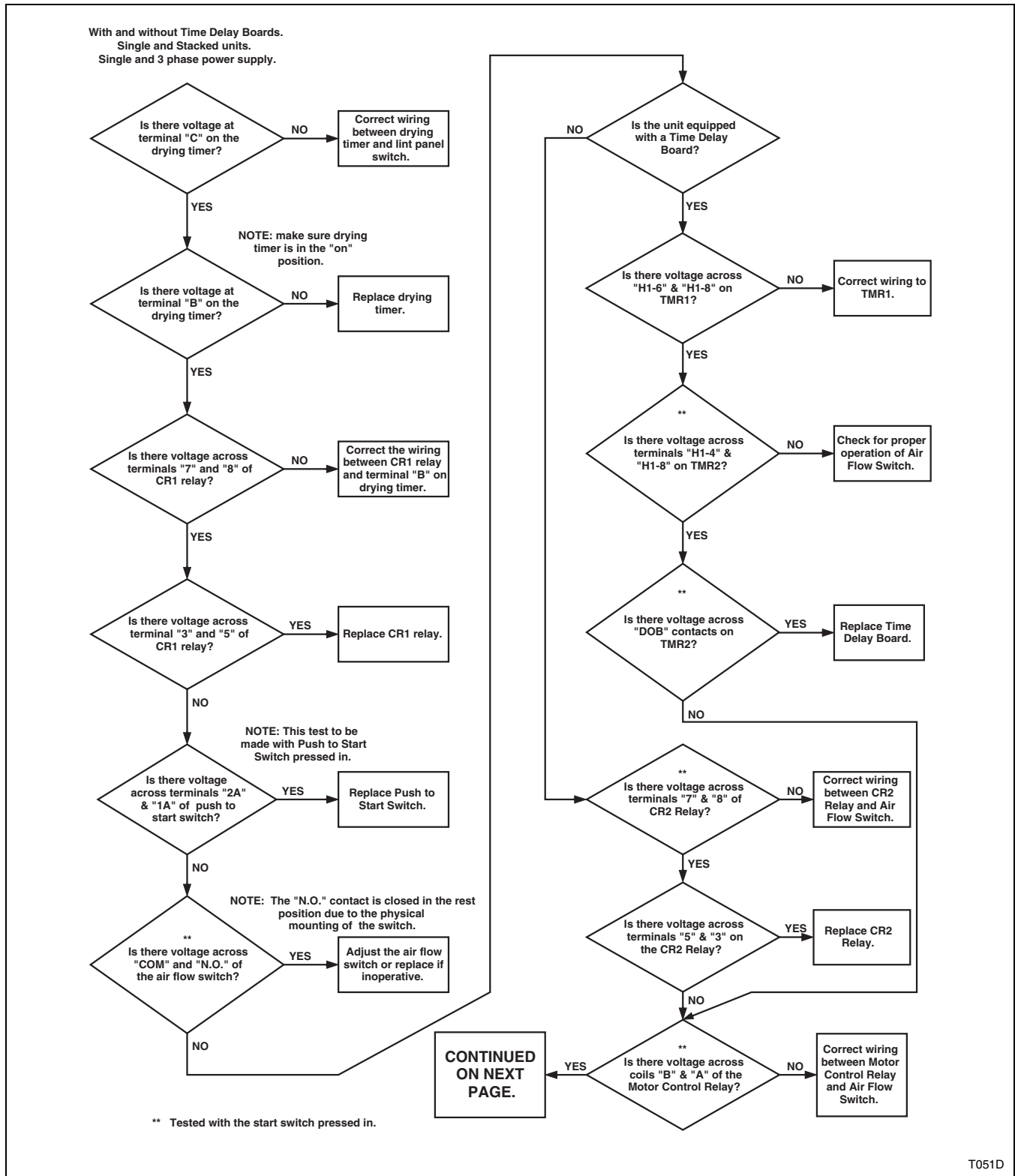
NOTE: For three phase high voltage (380volts or higher), the cylinder and fan motors are supplied L1, L2, L3 through the motor relay terminals T1, T2, T3. Make the appropriate voltage checks while doing trouble shooting.

T009D

Will Not Run

Electric

Manual Timer (Sheet 1 of 3)

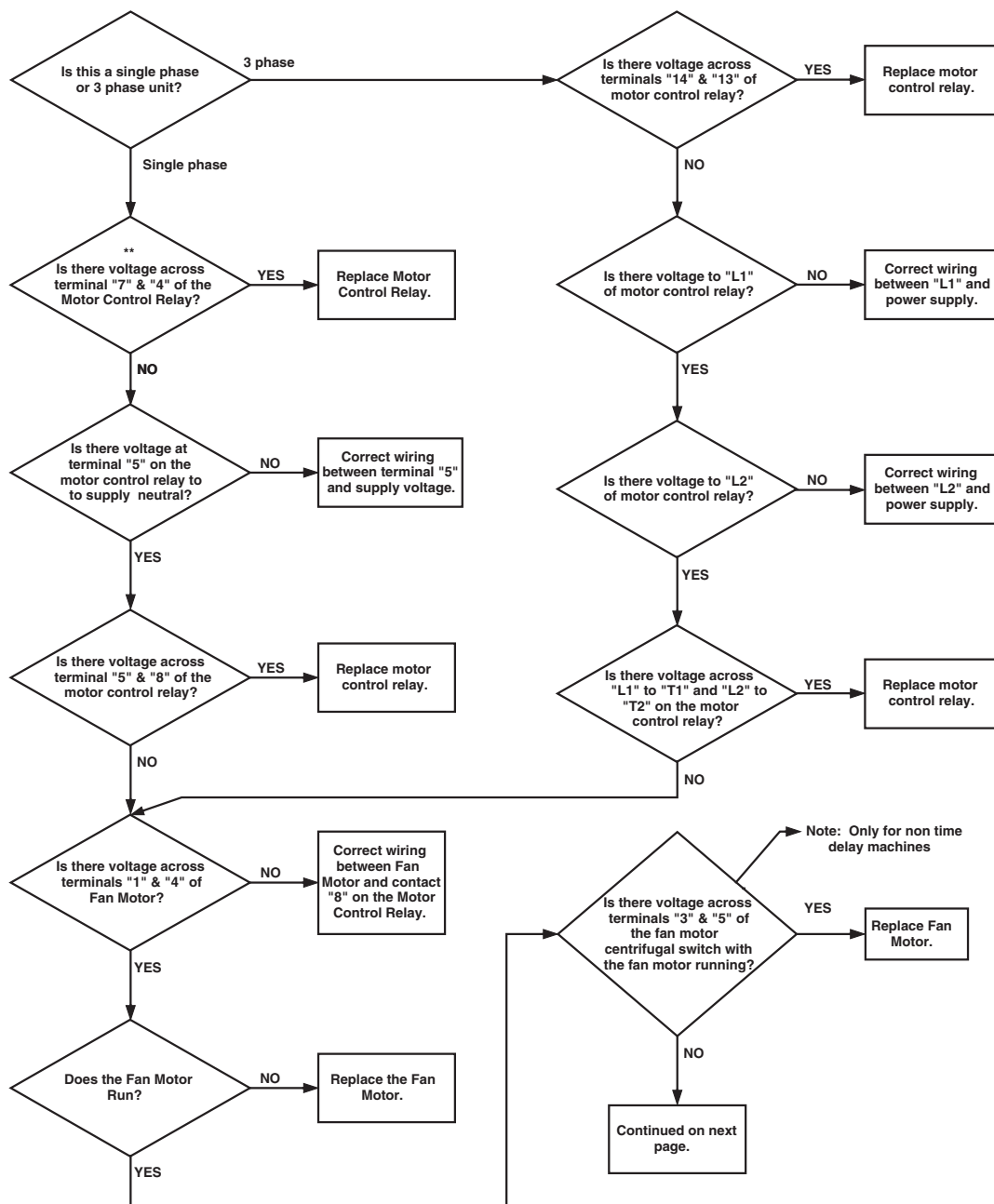


T051D

Will Not Run

Electric

Manual Timer (Sheet 2 of 3)

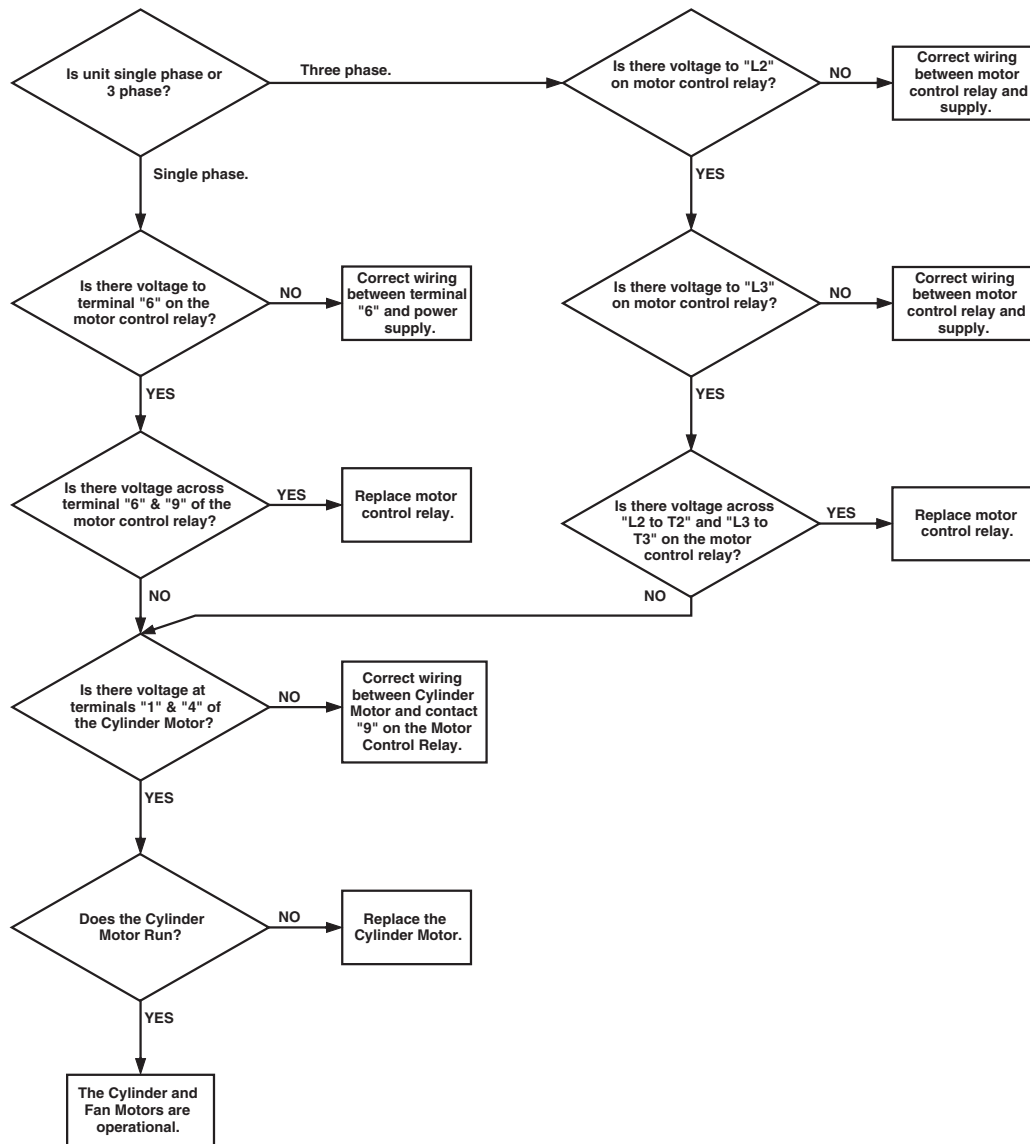


** Tested with the start switch pressed in.

T052D

Electric

Manual Timer (Sheet 3 of 3)

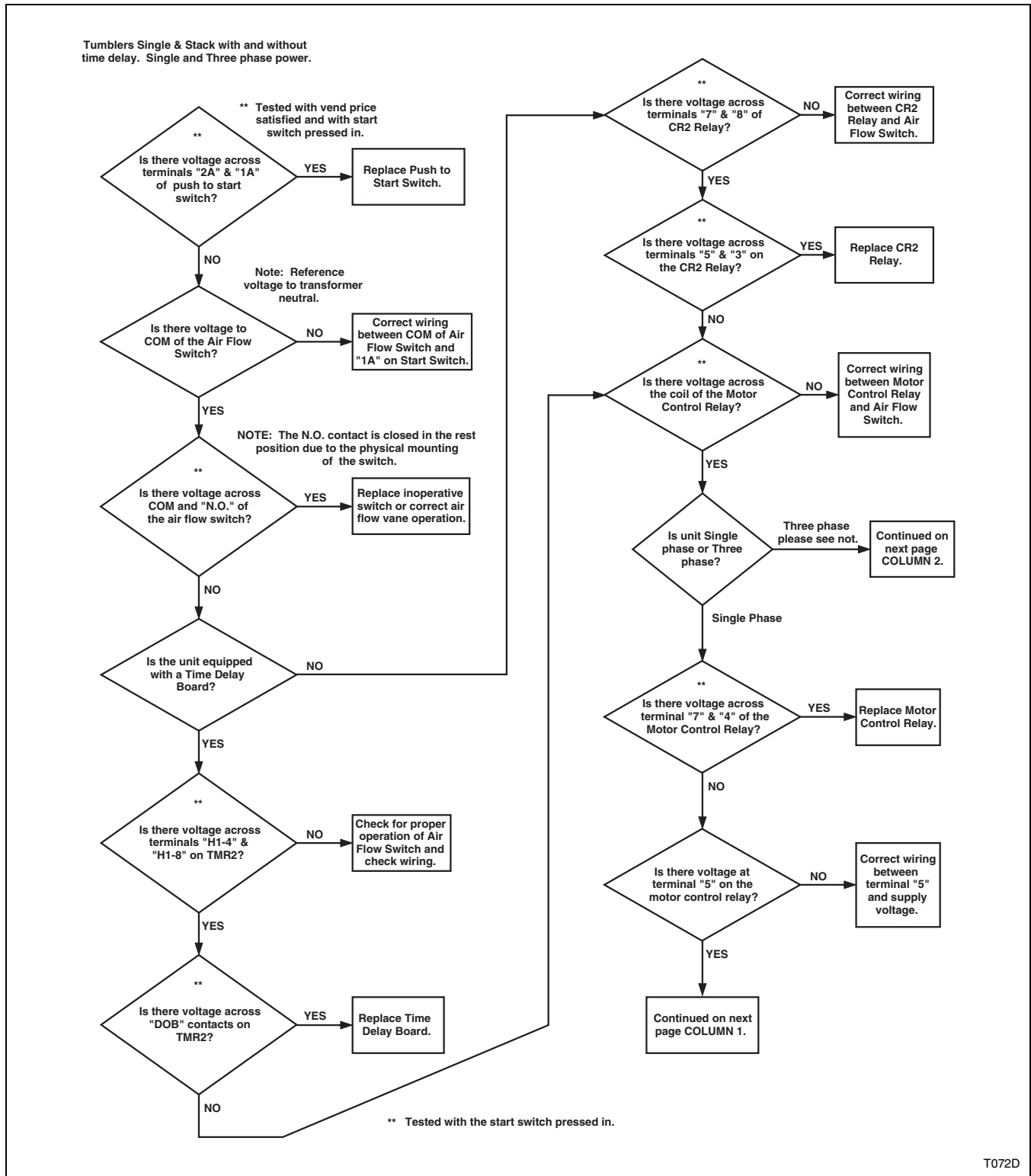


T053D

Will Not Run

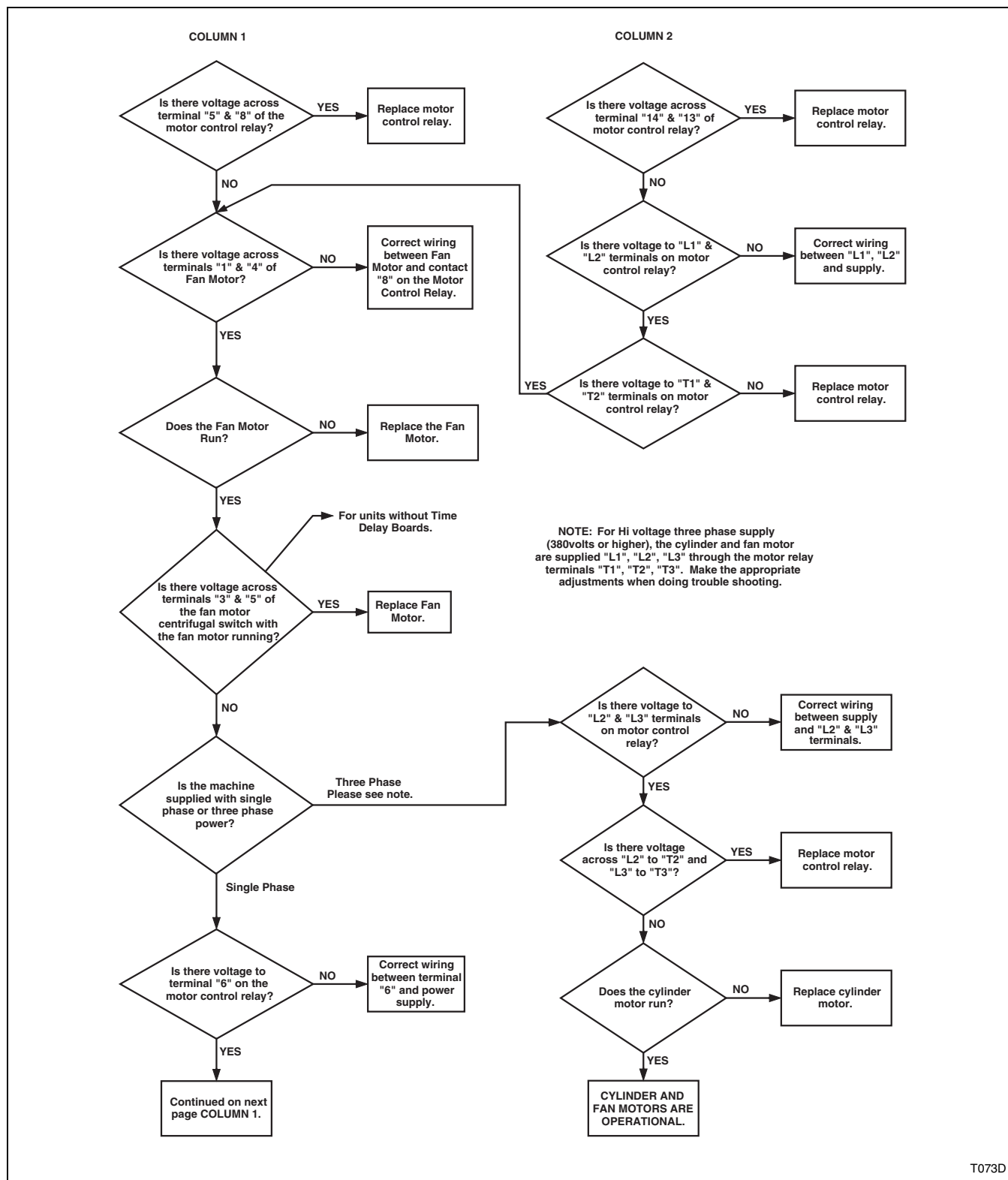
Electric

Rotary Coin Drop (Sheet 1 of 3)



Electric

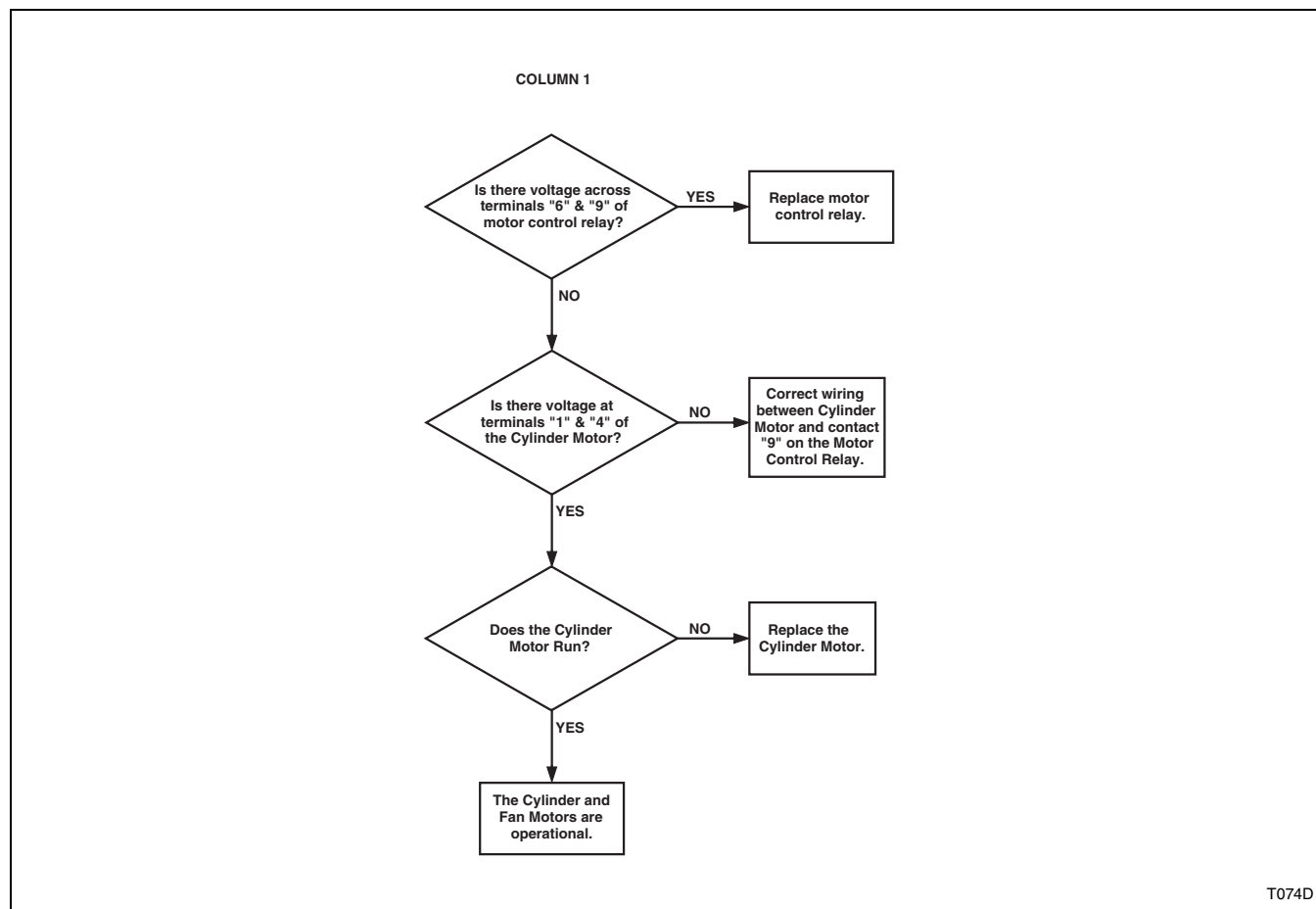
Rotary Coin Drop (Sheet 2 of 3)



Will Not Run

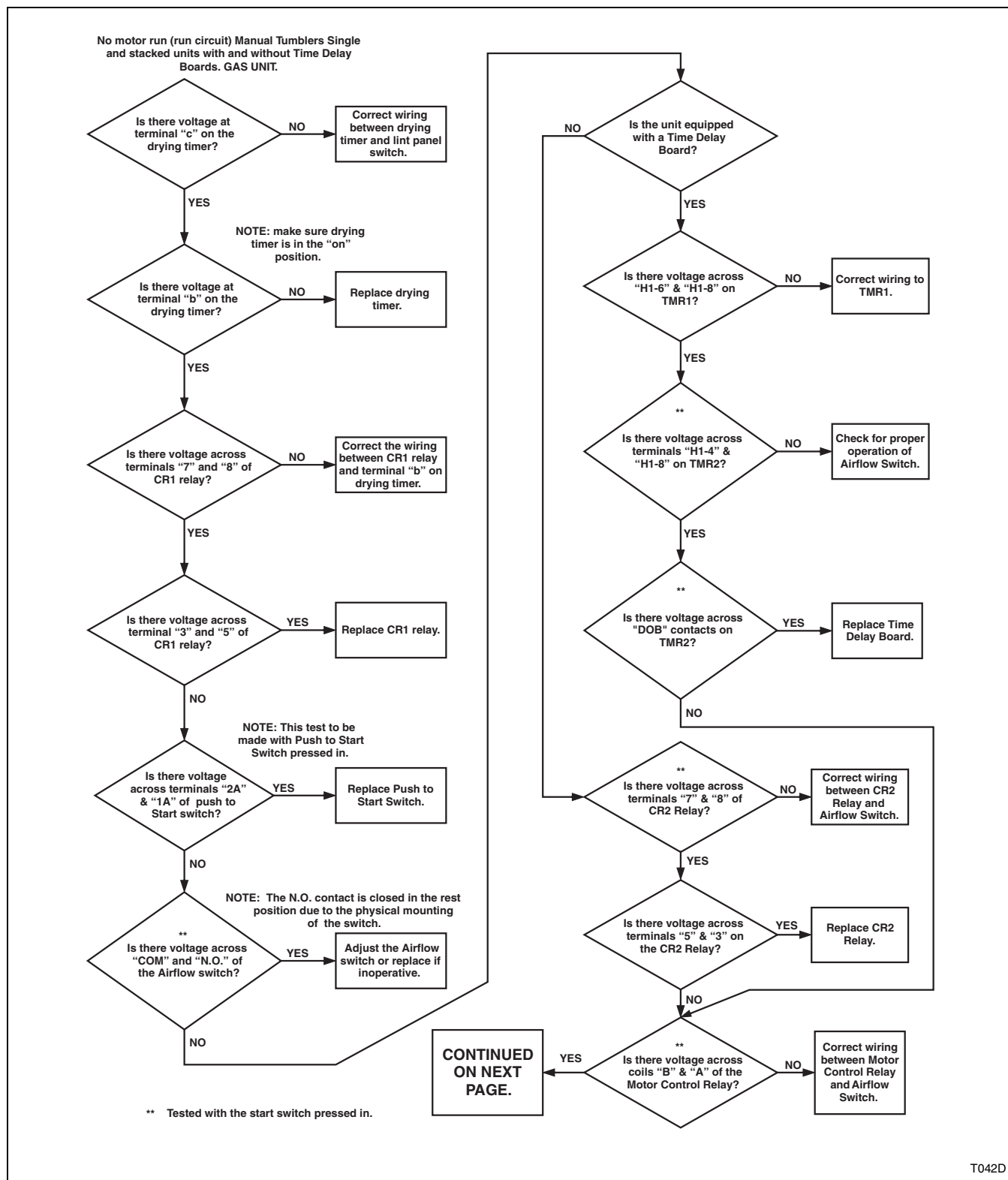
Electric

Rotary Coin Drop (Sheet 3 of 3)



Gas

Manual Timer (Sheet 1 of 2)

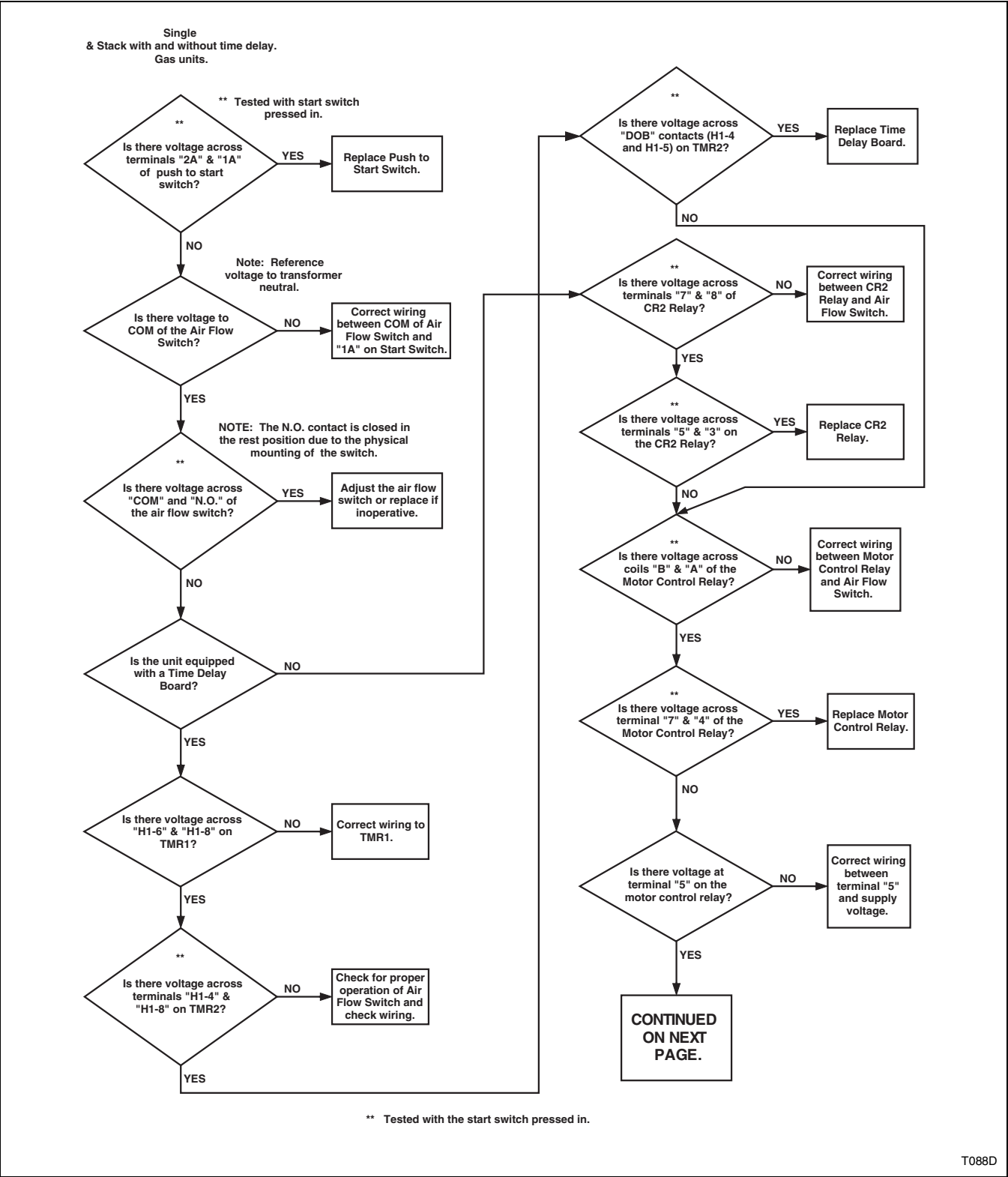


Manual Timer (Sheet 2 of 2)



Gas

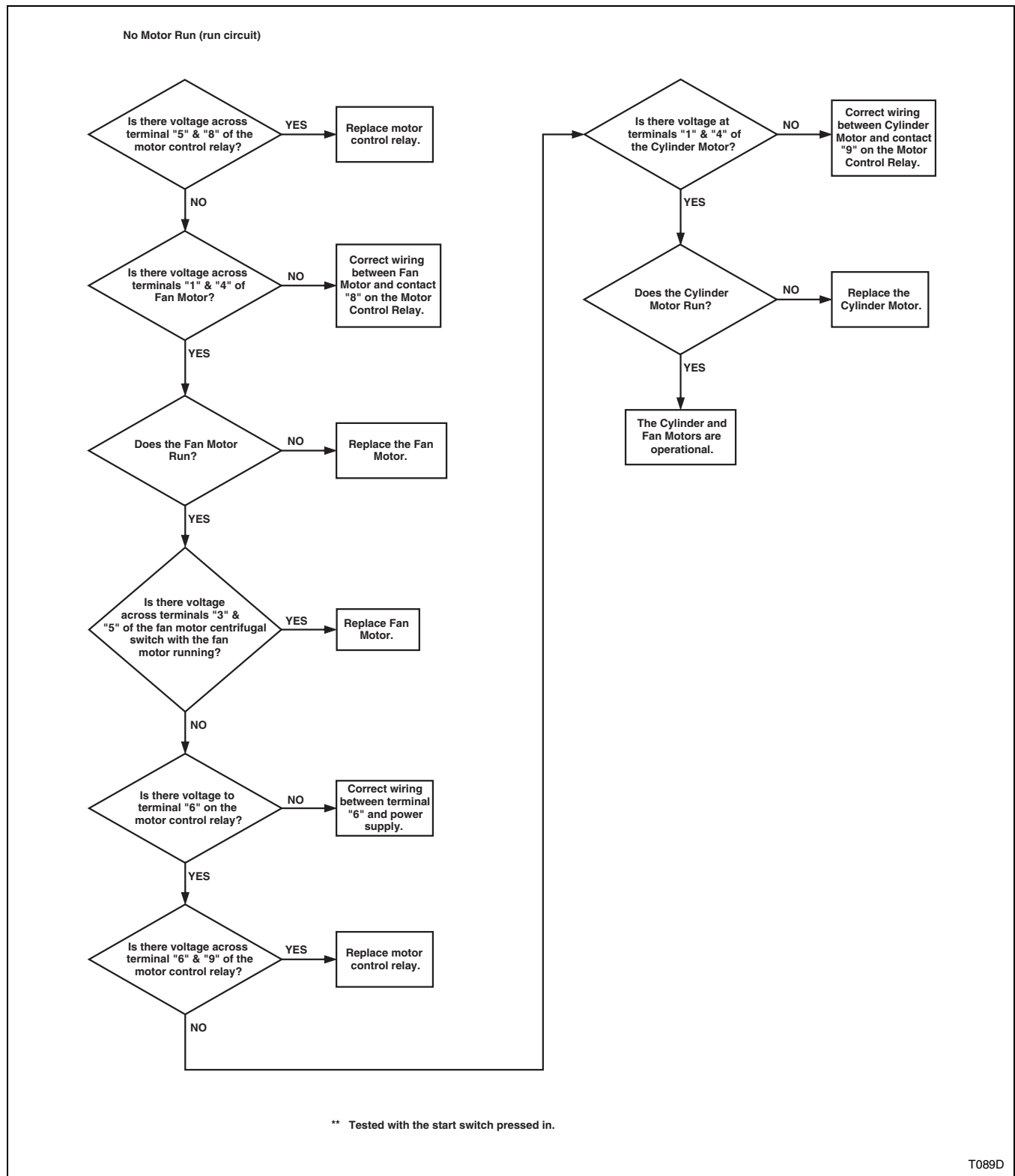
Rotary Coin Drop (Sheet 1 of 2)



Will Not Run

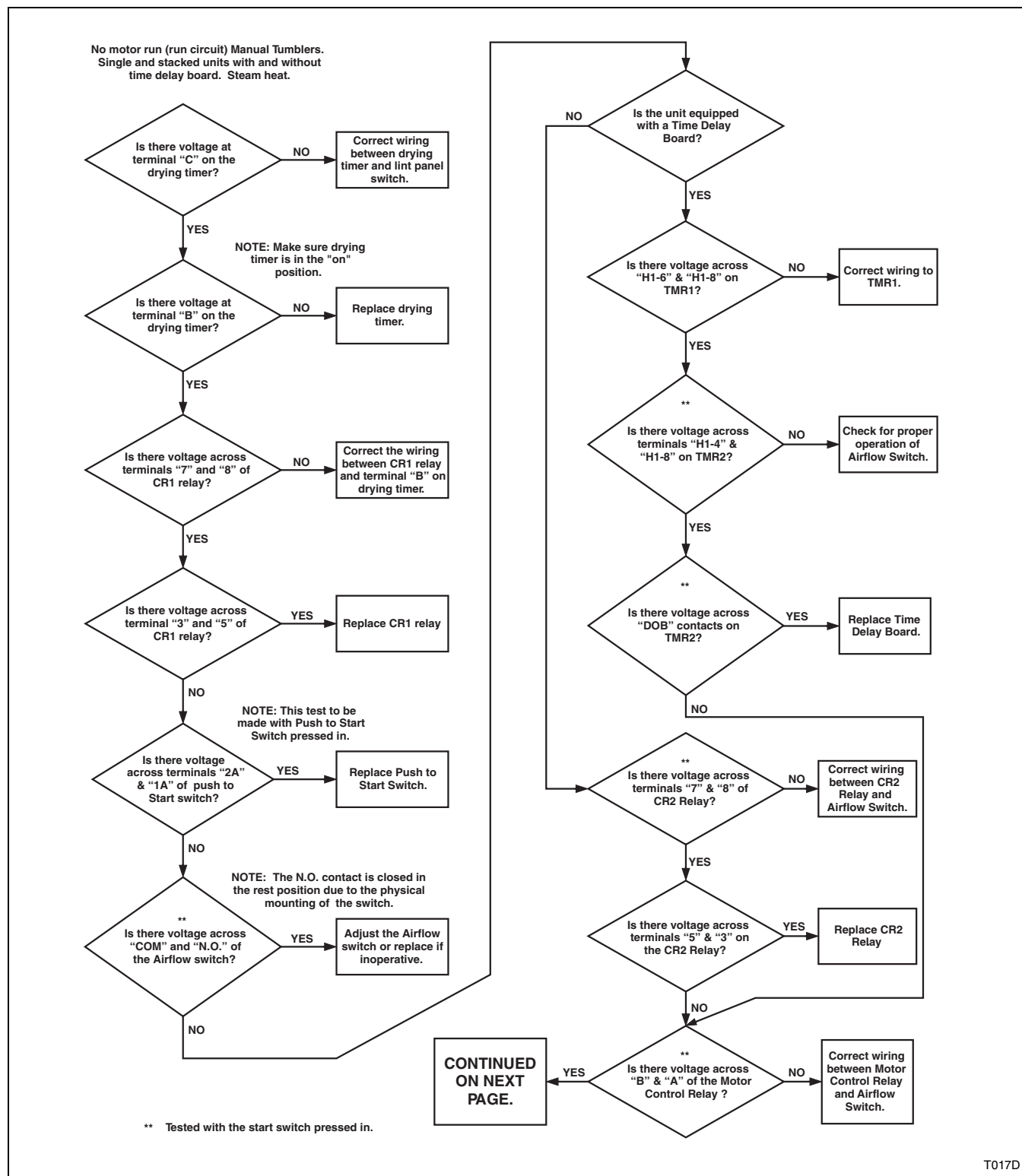
Gas

Rotary Coin Drop (Sheet 2 of 2)



Steam

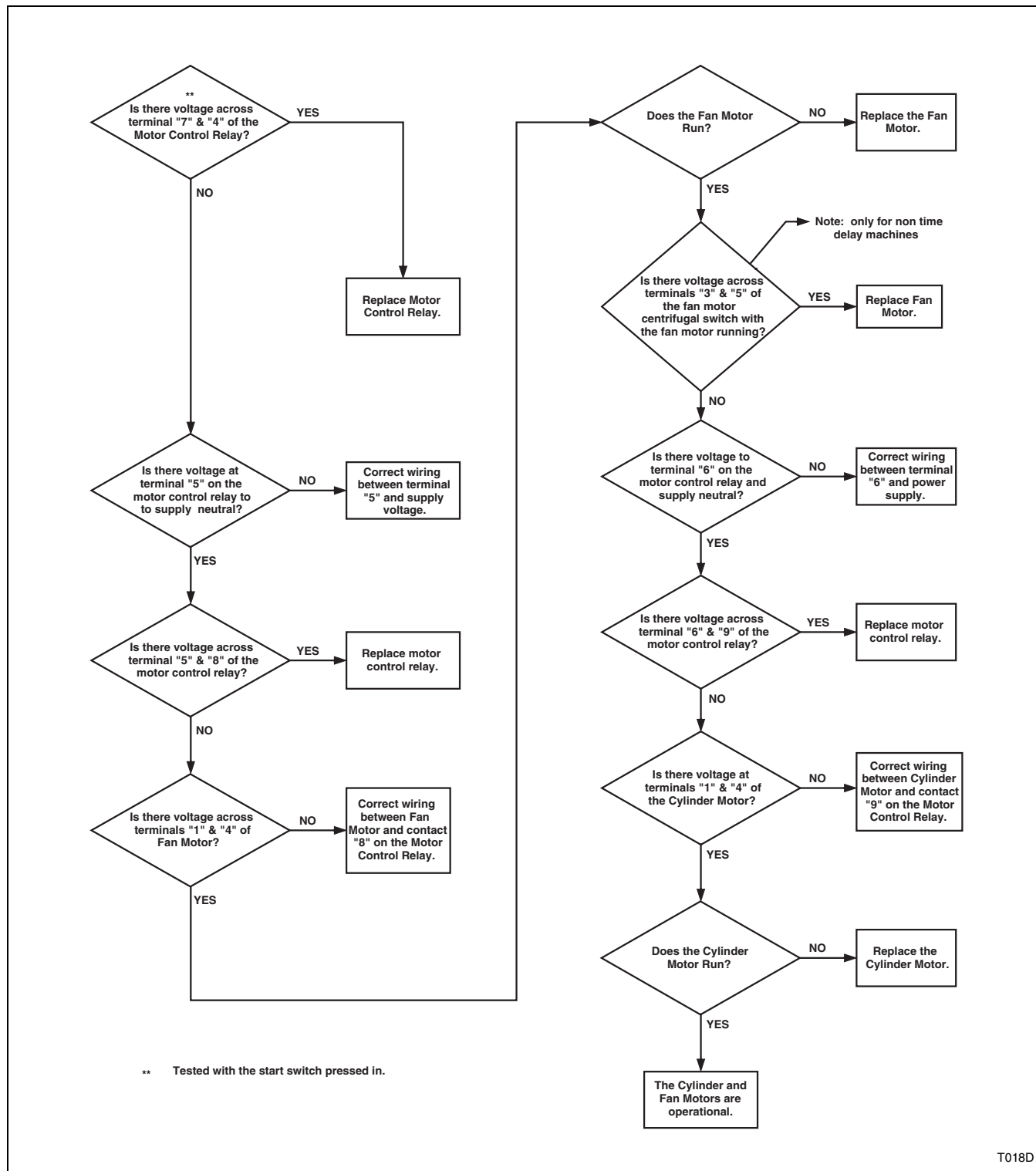
Manual Timer (Sheet 1 of 2)



Will Not Run

Steam

Manual Timer (Sheet 2 of 2)

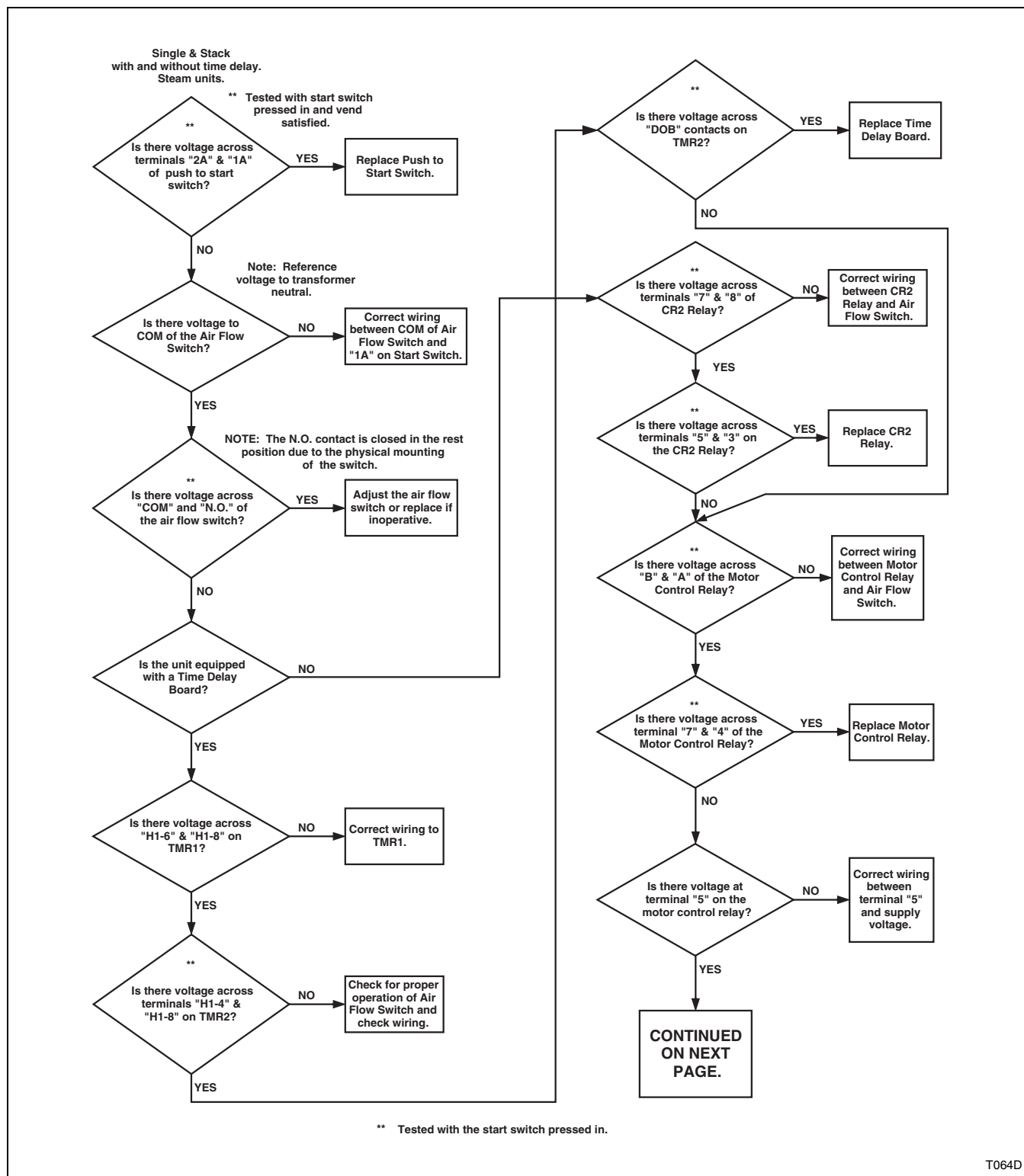


** Tested with the start switch pressed in.

T018D

Steam

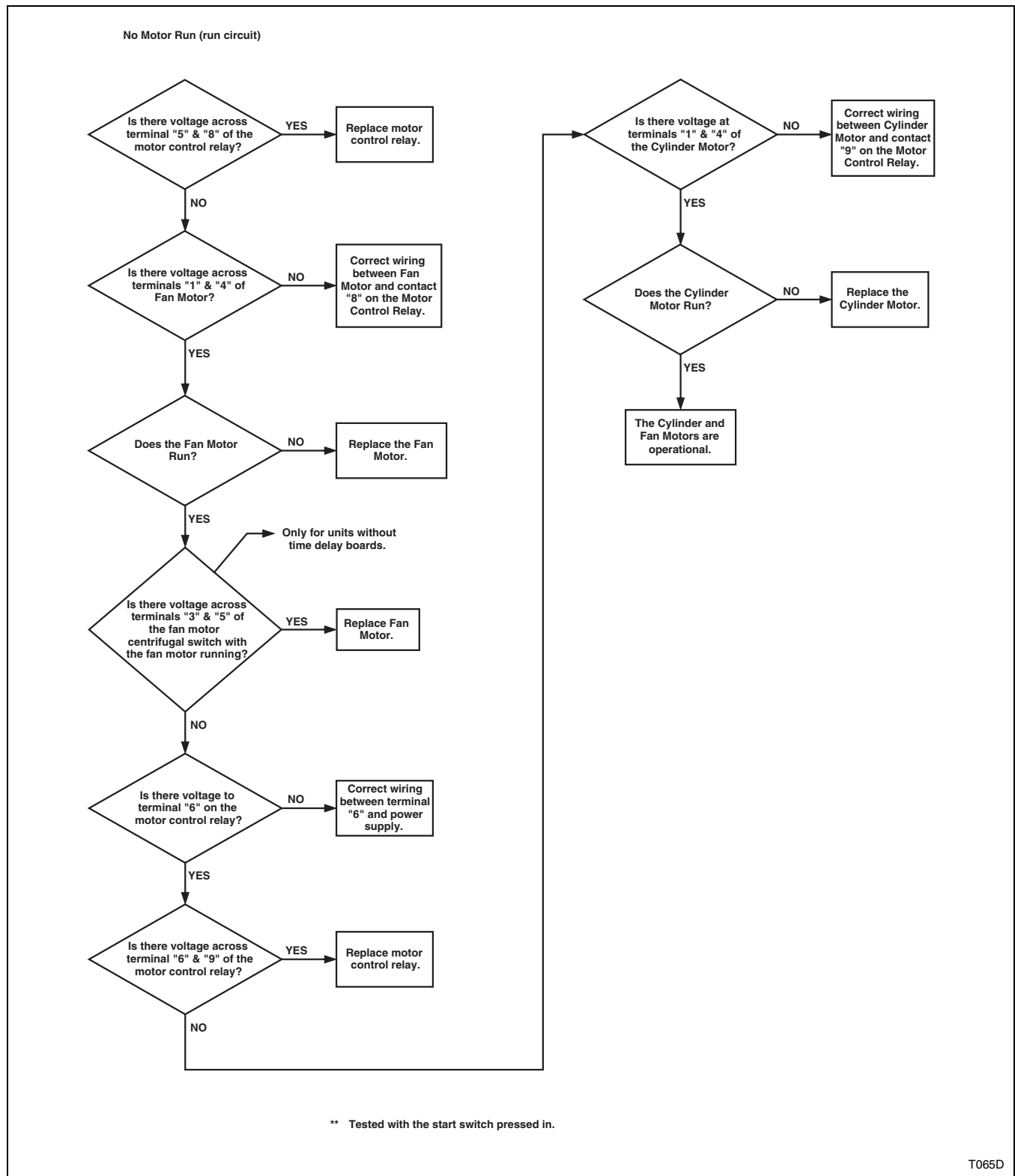
Rotary Coin Drop (Sheet 1 of 2)



Will Not Run

Steam

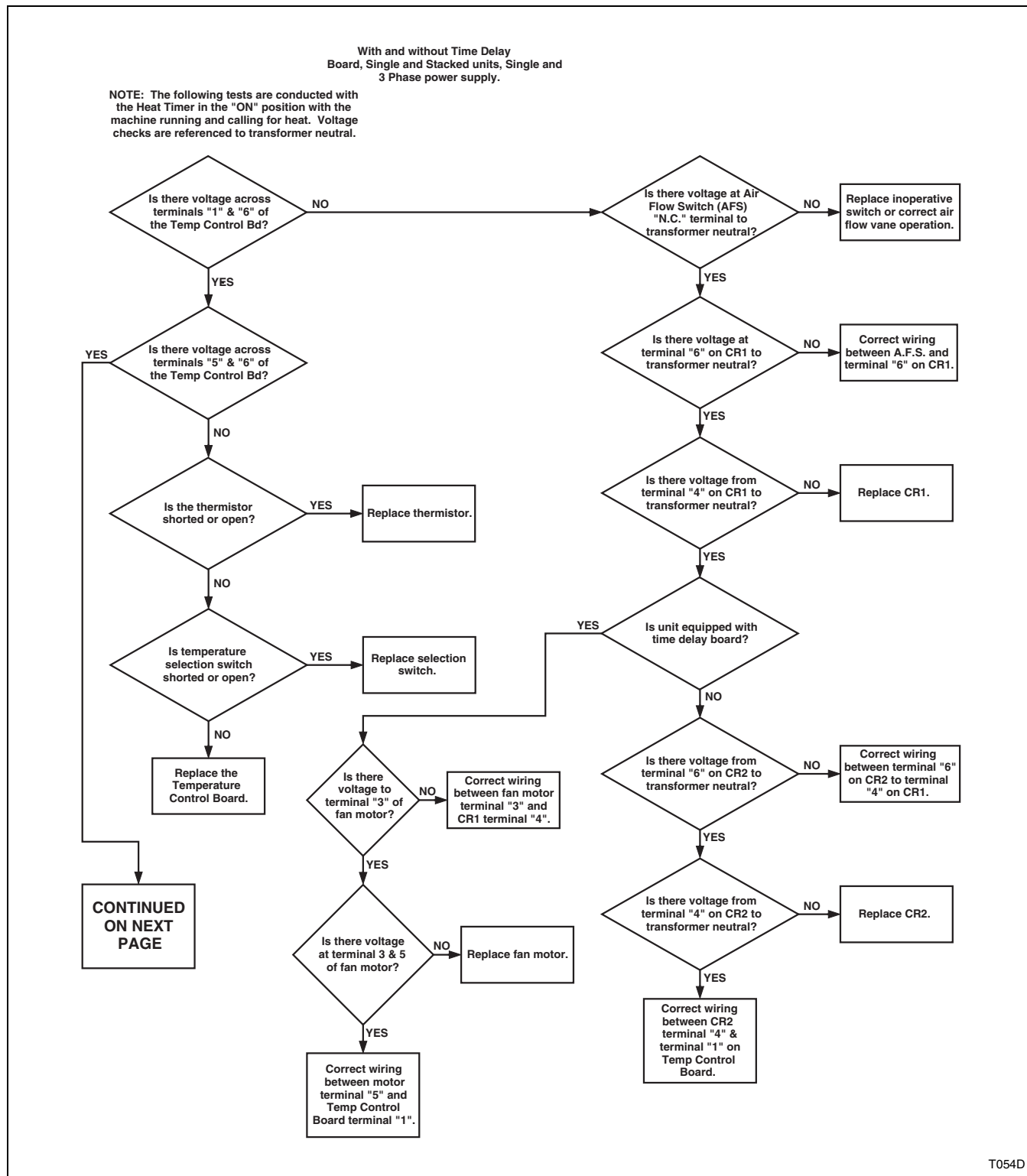
Rotary Coin Drop (Sheet 2 of 2)



Will Not Heat

Electric

Manual Timer (Sheet 1 of 2)

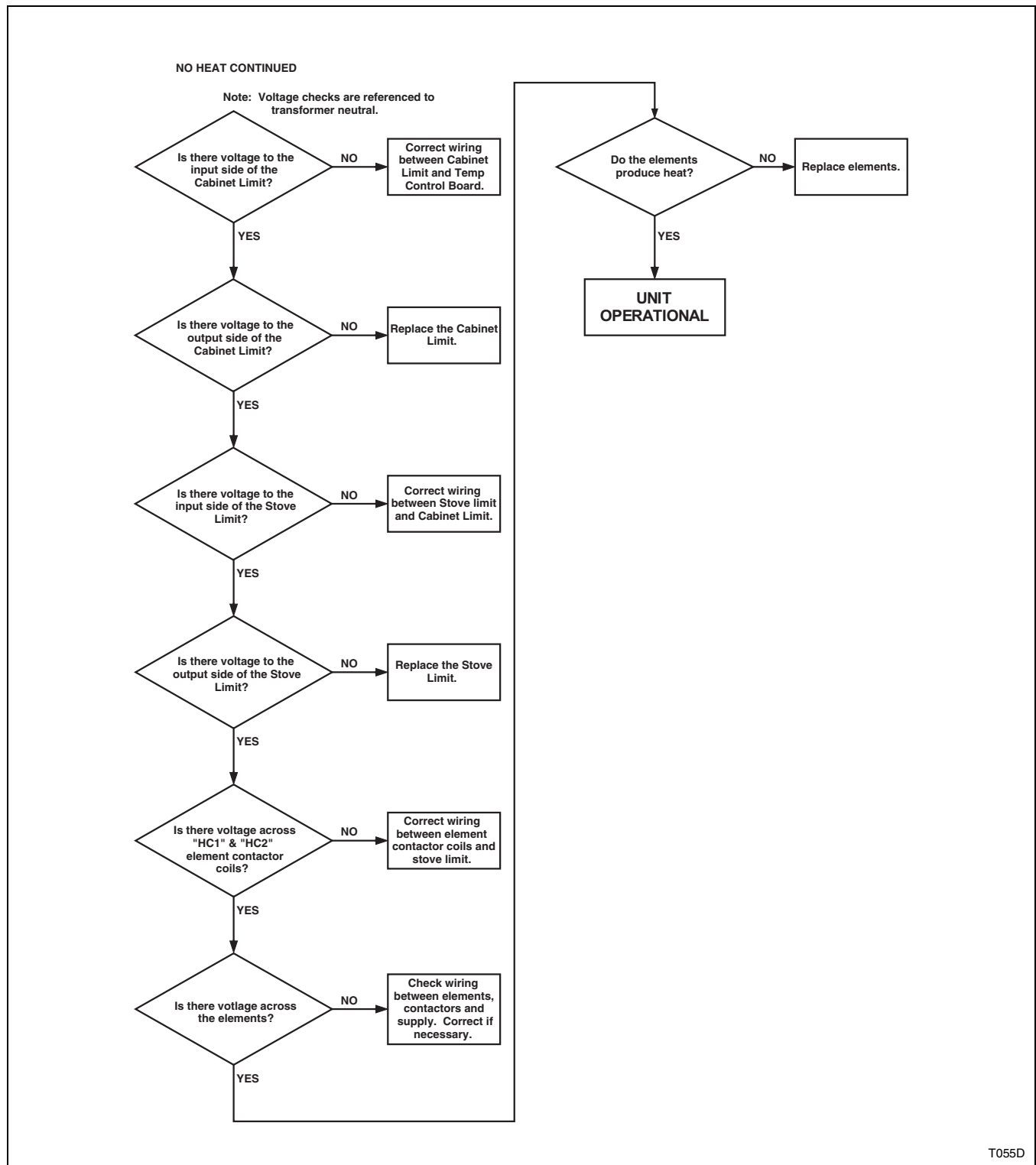


T054D

Will Not Heat

Electric

Manual Timer (Sheet 2 of 2)



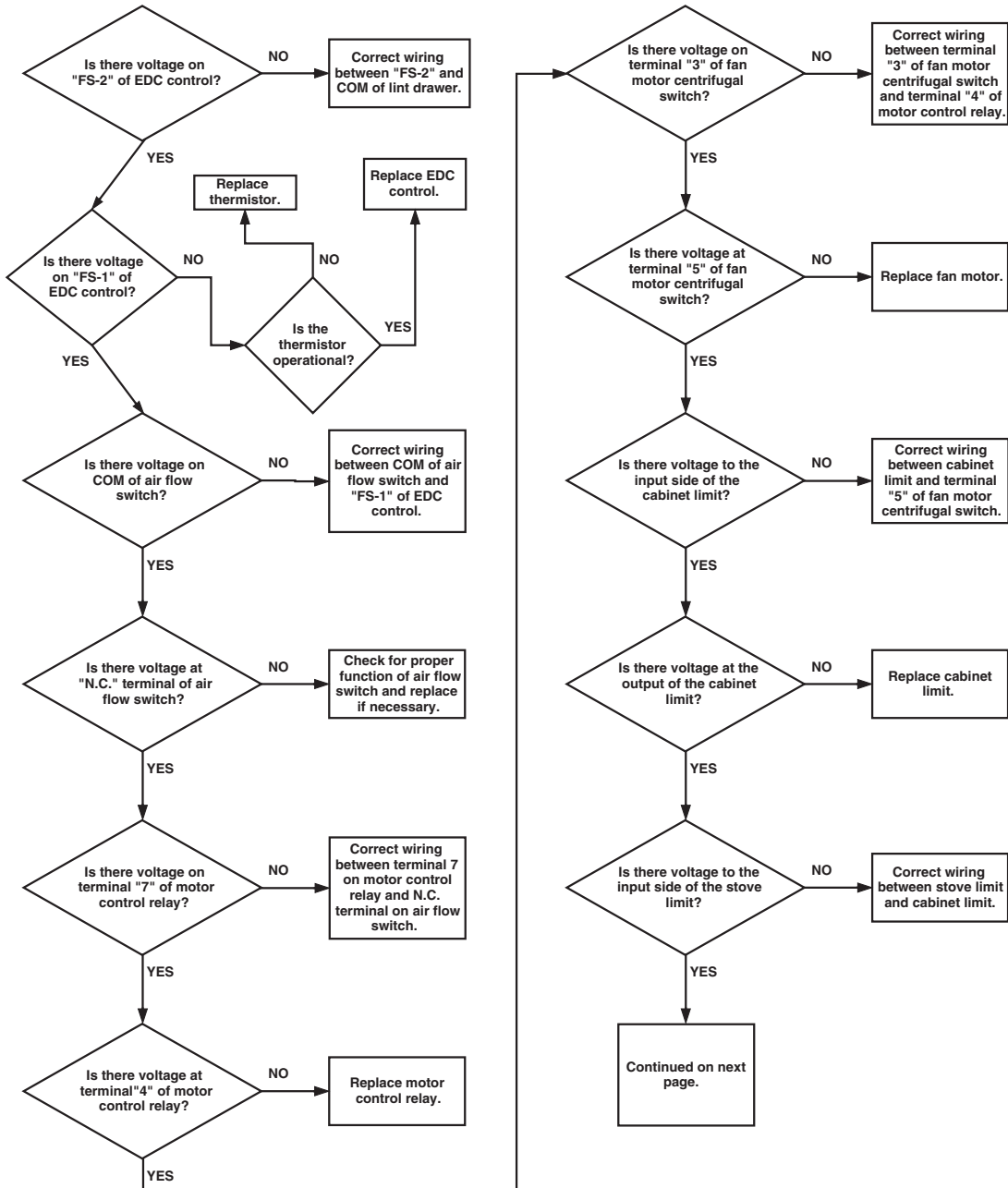
Electric

Rotary Coin Drop (Sheet 1 of 2)

Note: Tests are conducted with unit running and calling for heat.

All voltage checks are referenced to transformer neutral.

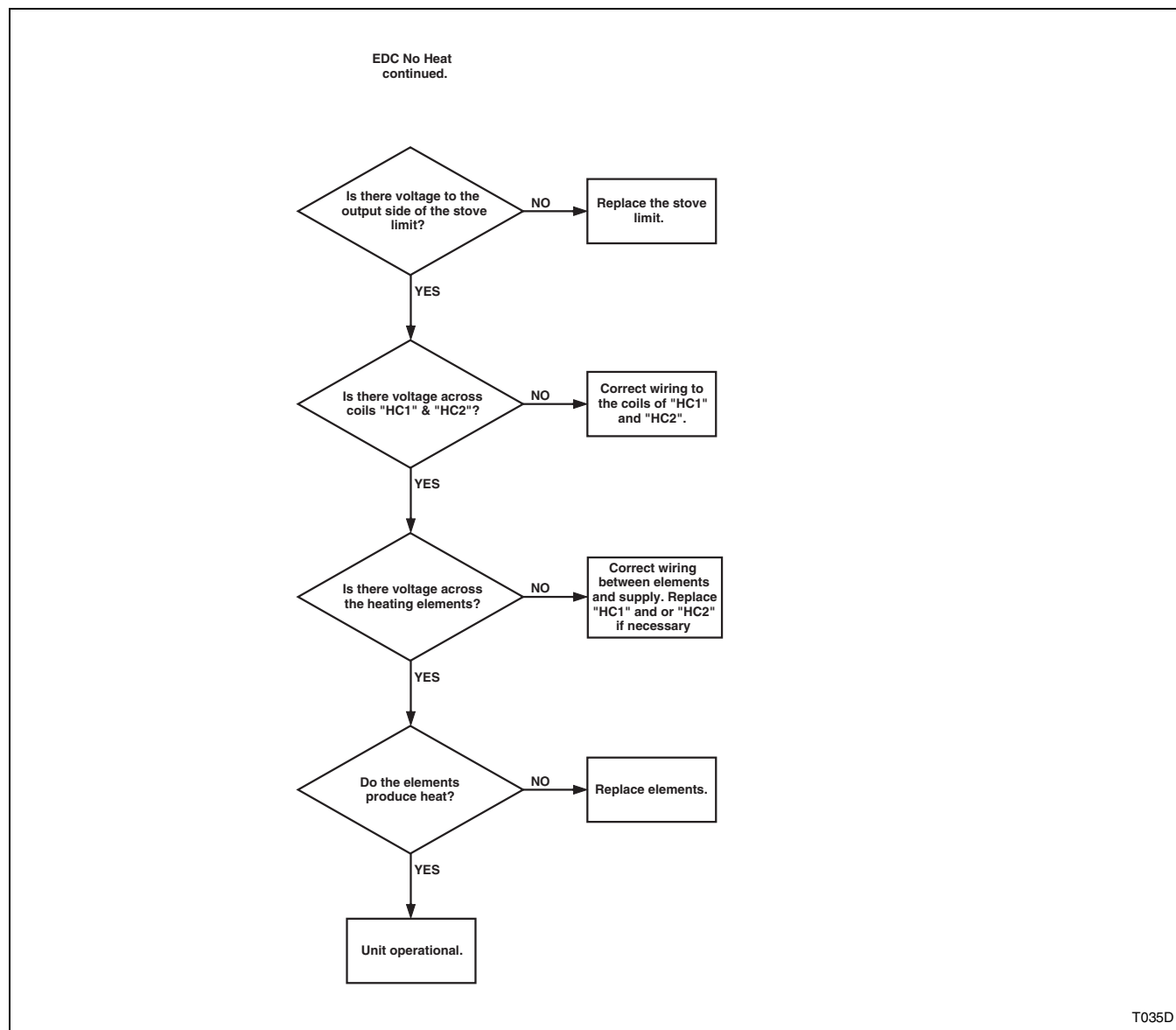
Single and stacked units with single and three phase supply.



T034D

Electric

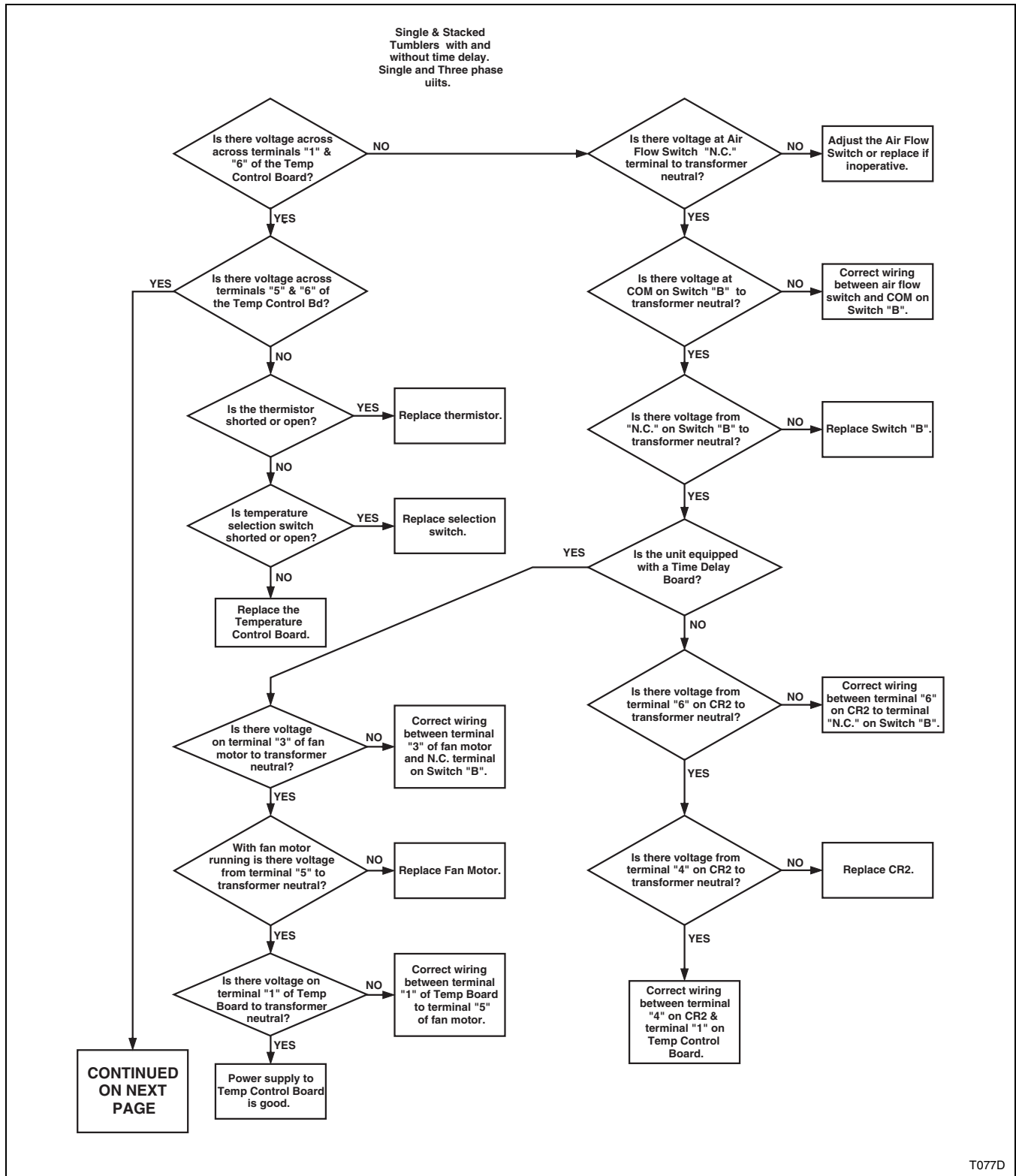
Rotary Coin Drop (Sheet 2 of 2)



Electric

Rotary Coin Drop (with and without time delay board)

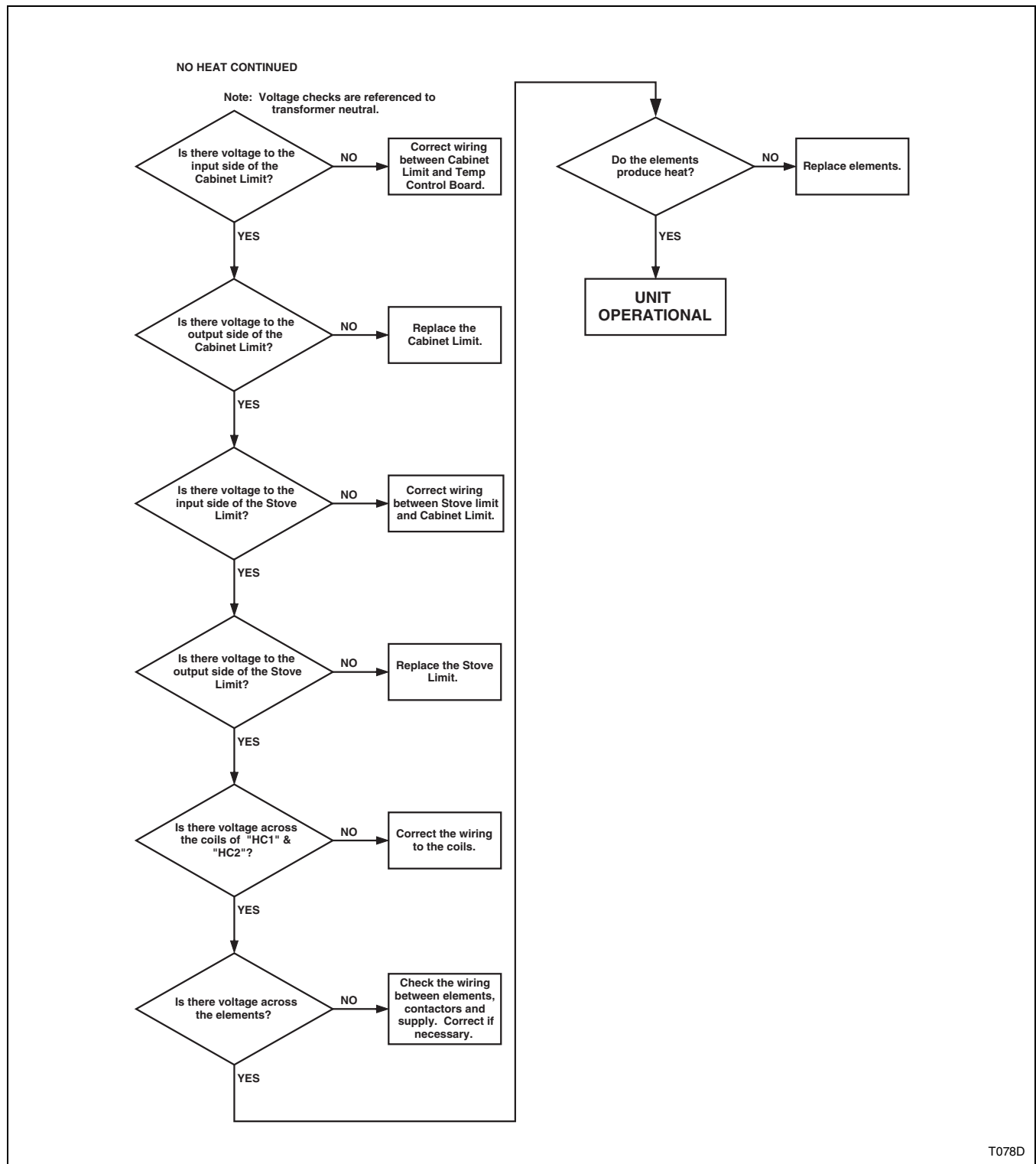
(Sheet 1 of 2)



T077D

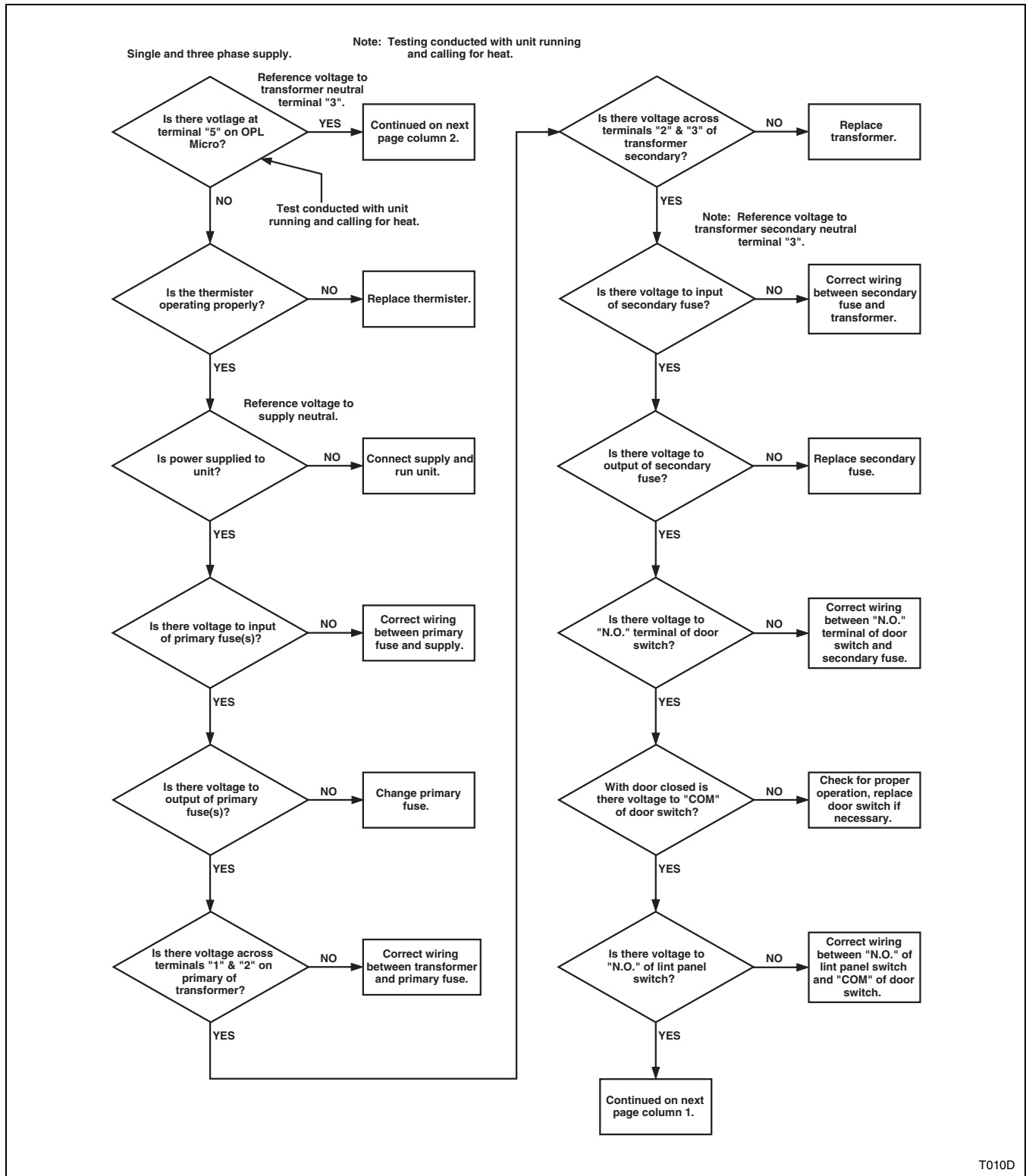
Electric

Rotary Coin Drop (with and without time delay board) (Sheet 2 of 2)



Electric/Gas

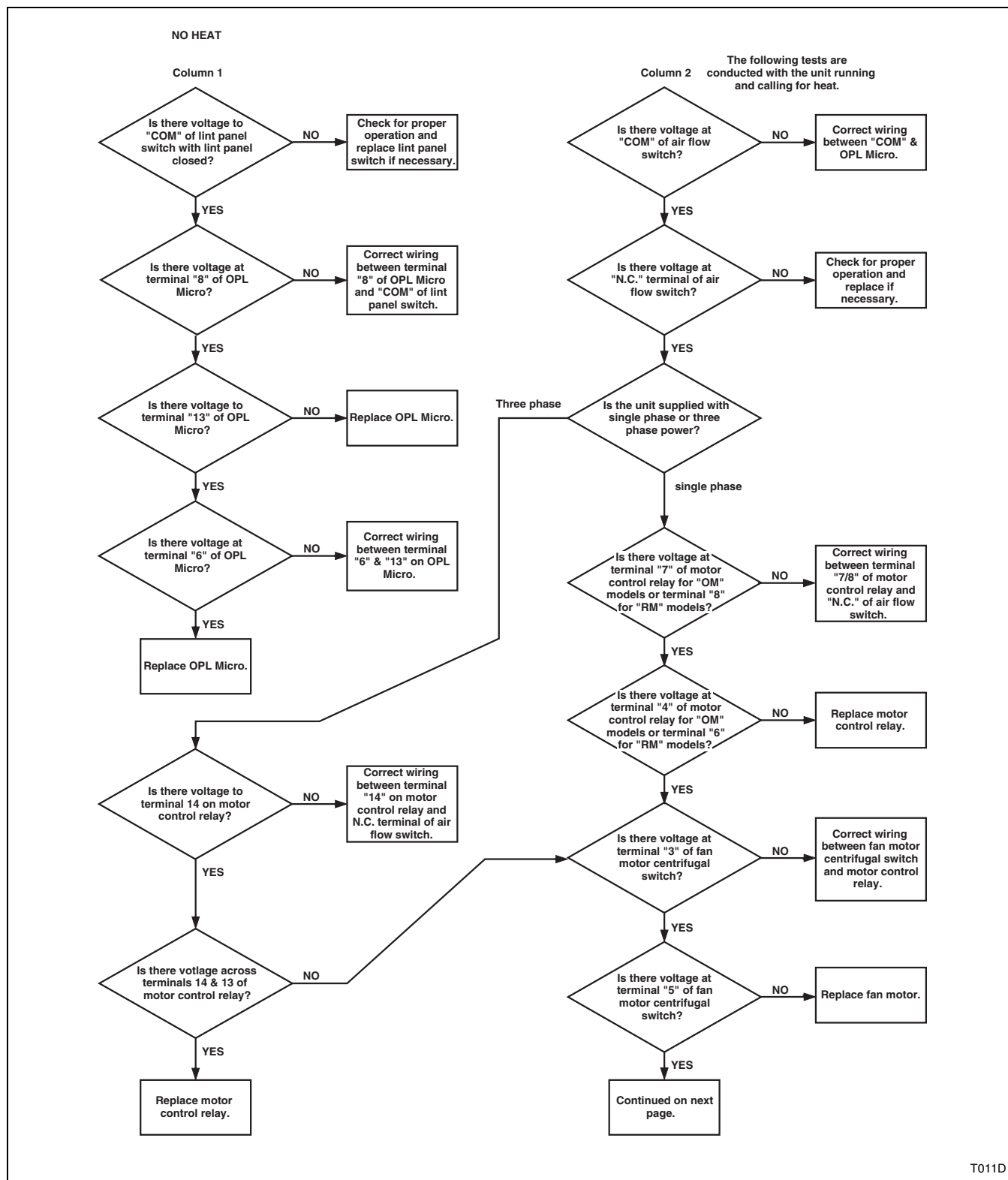
OPL Microprocessor (Sheet 1 of 3)



Will Not Heat

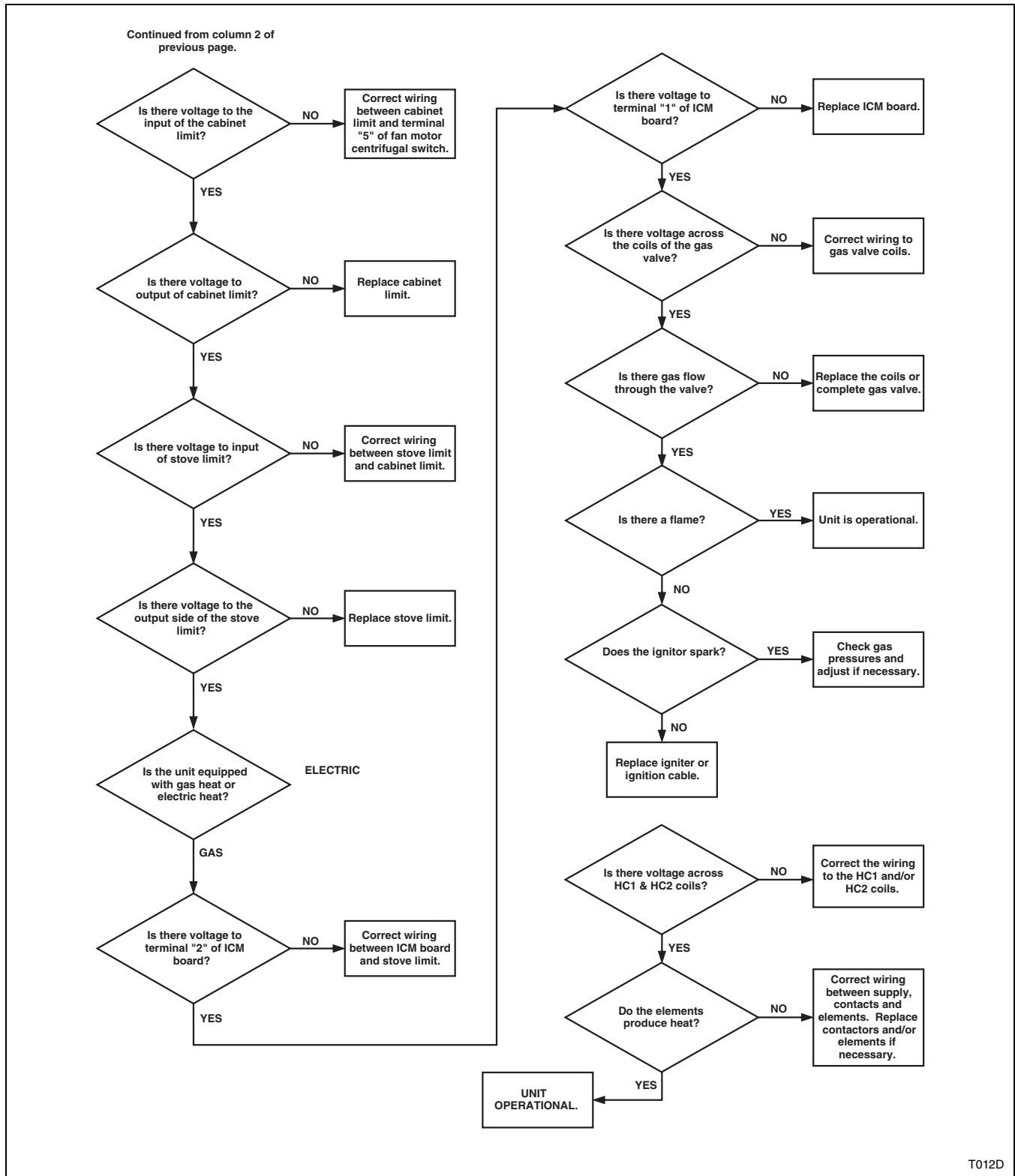
Electric/Gas

OPL Microprocessor (Sheet 2 of 3)



Electric/Gas

OPL Microprocessor (Sheet 3 of 3)



Will Not Heat

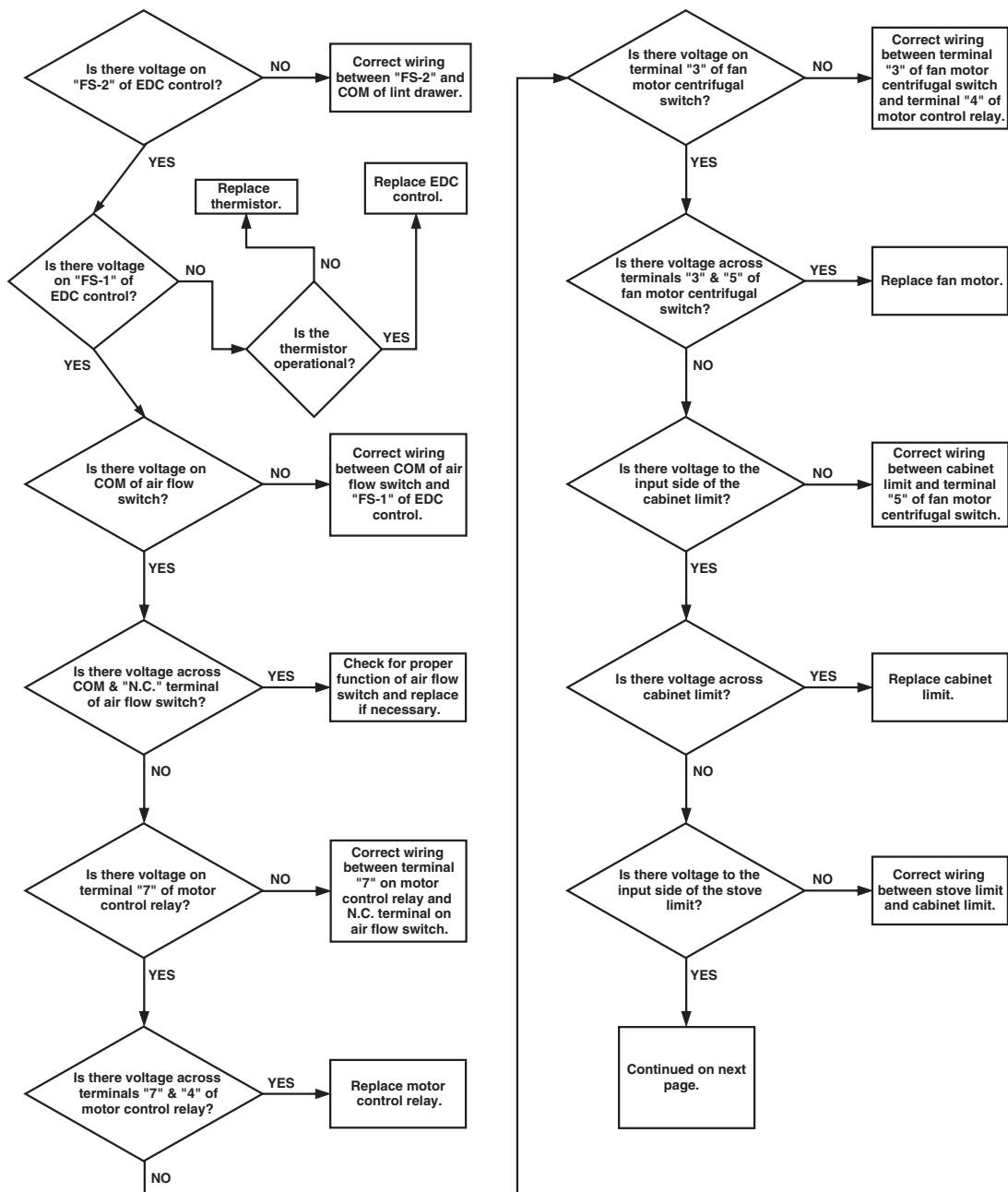
Gas

EDC Models (Sheet 1 of 2)

Note: Tests are conducted with unit running and calling for heat.

All voltage checks are referenced to transformer neutral.

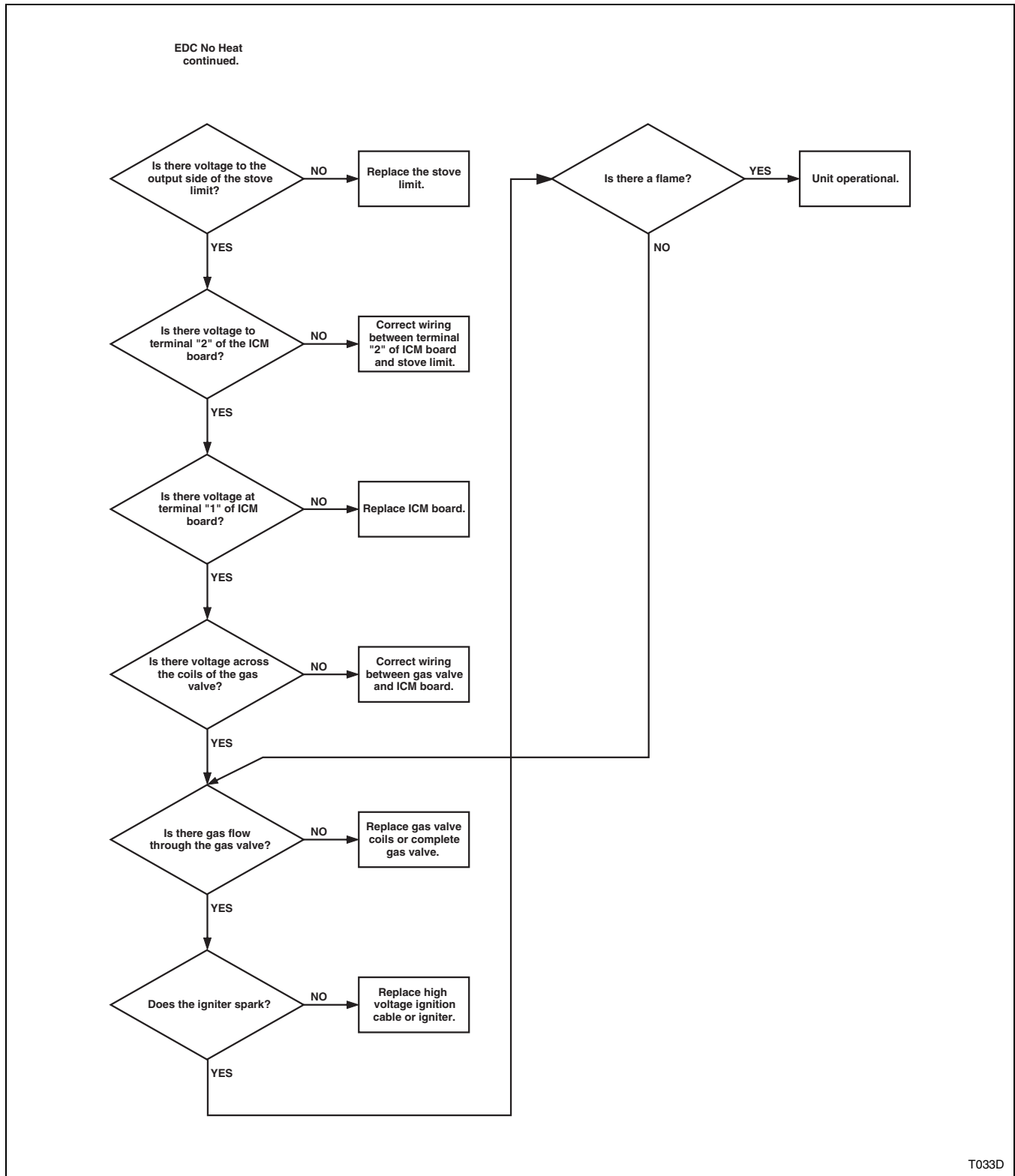
Single and stacked gas units.



T032D

Gas

EDC Models (Sheet 2 of 2)

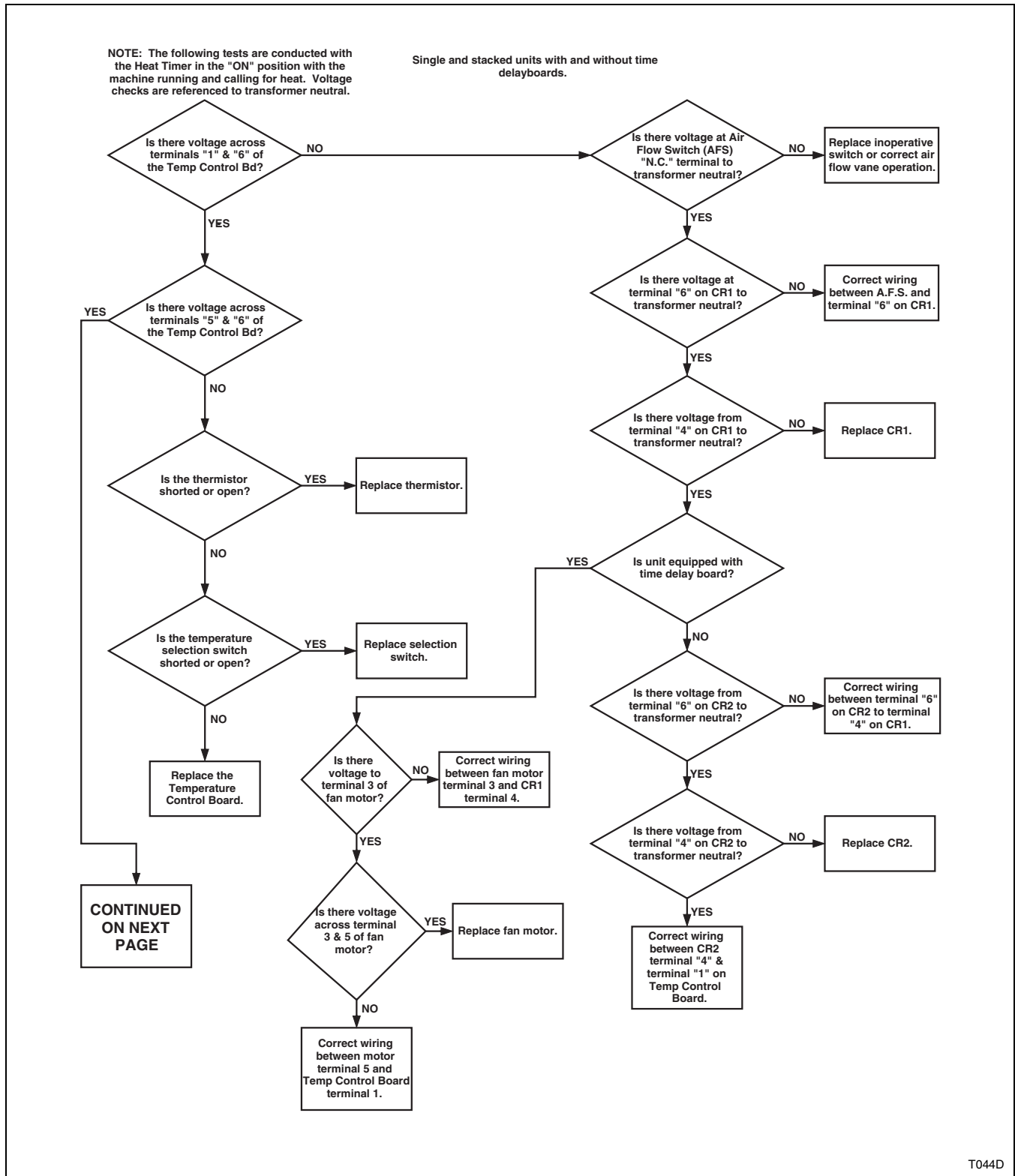


T033D

Will Not Heat

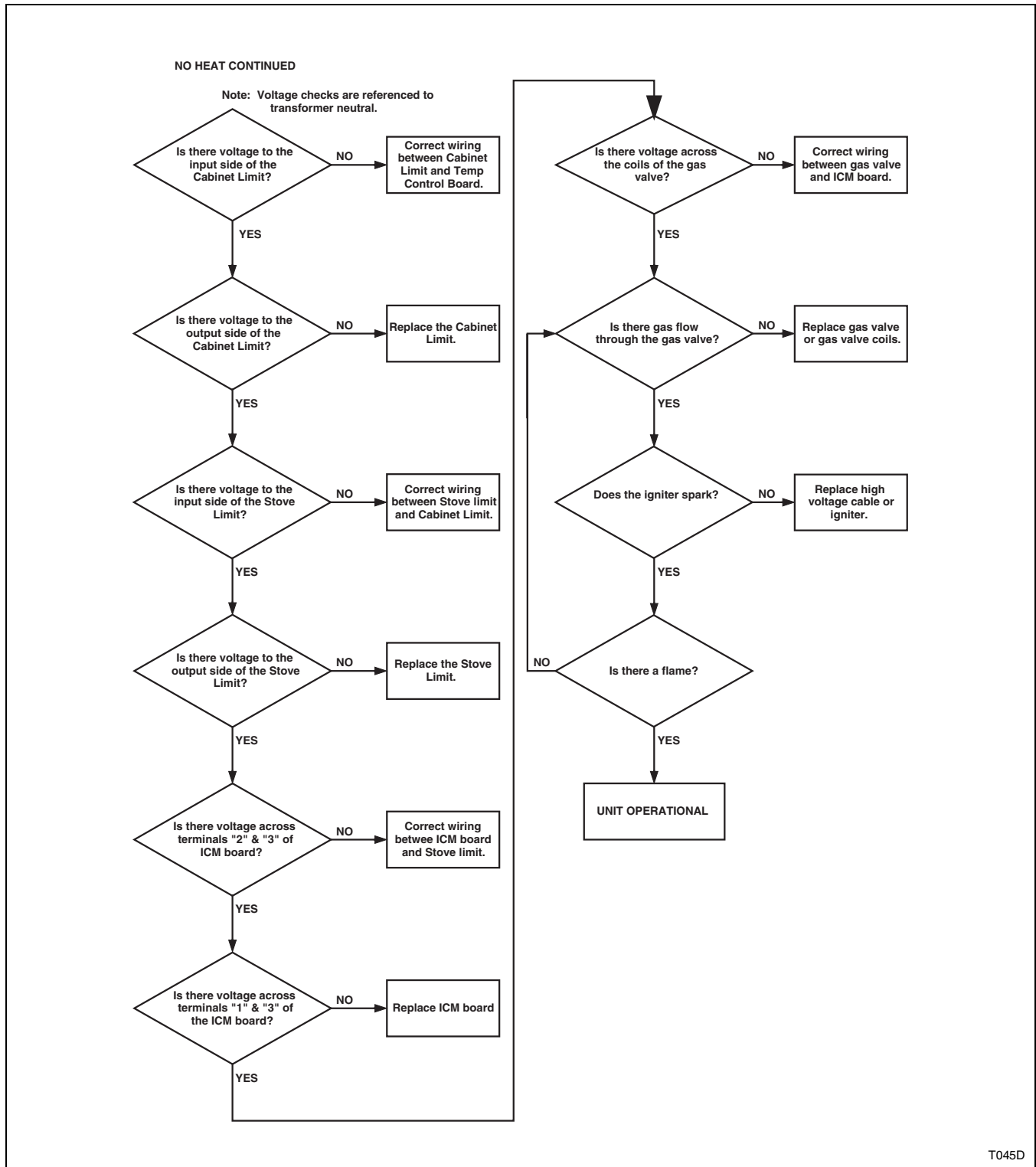
Gas

Manual Timer (Sheet 1 of 2)



Gas

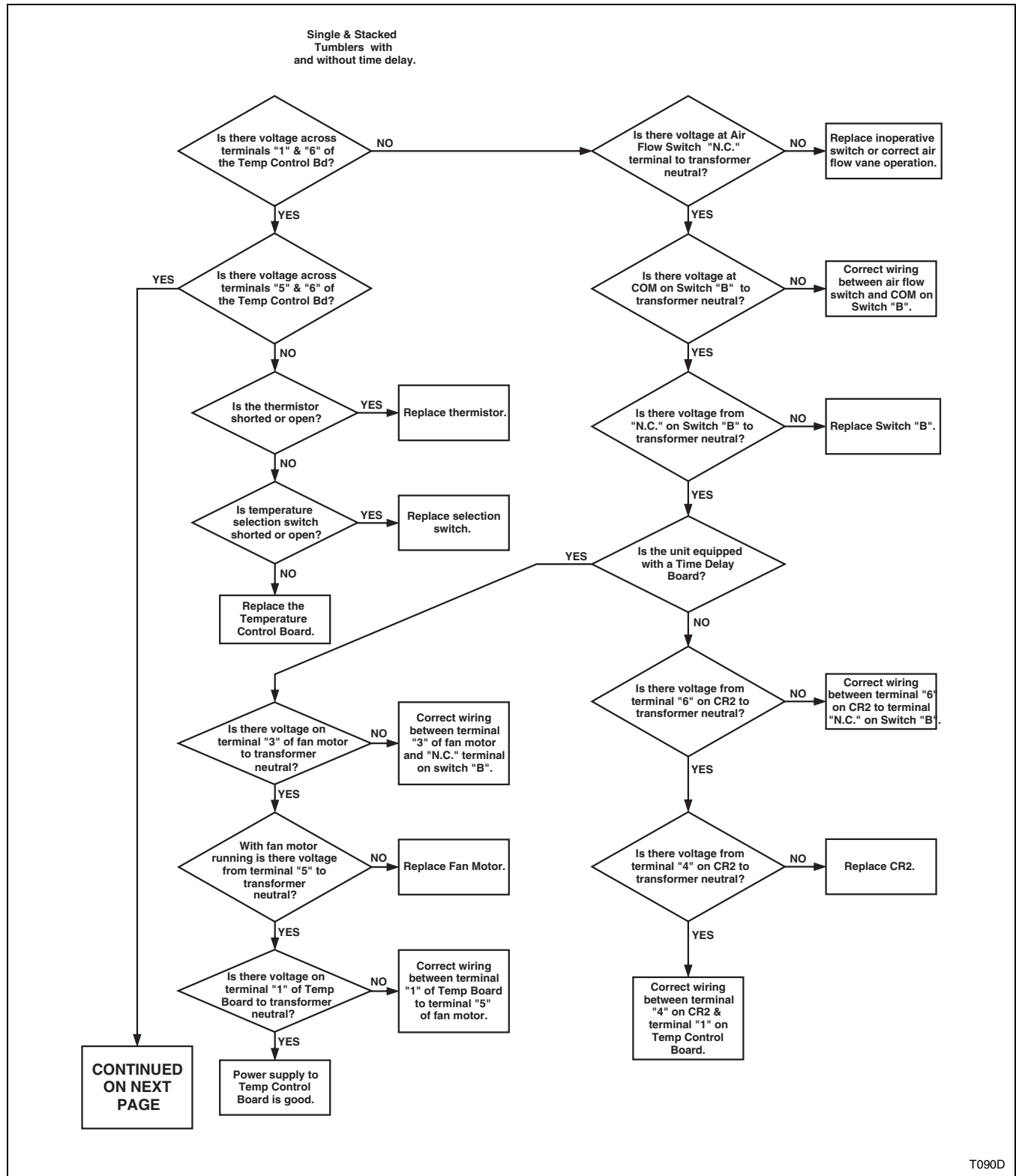
Manual Timer (Sheet 2 of 2)



Will Not Heat

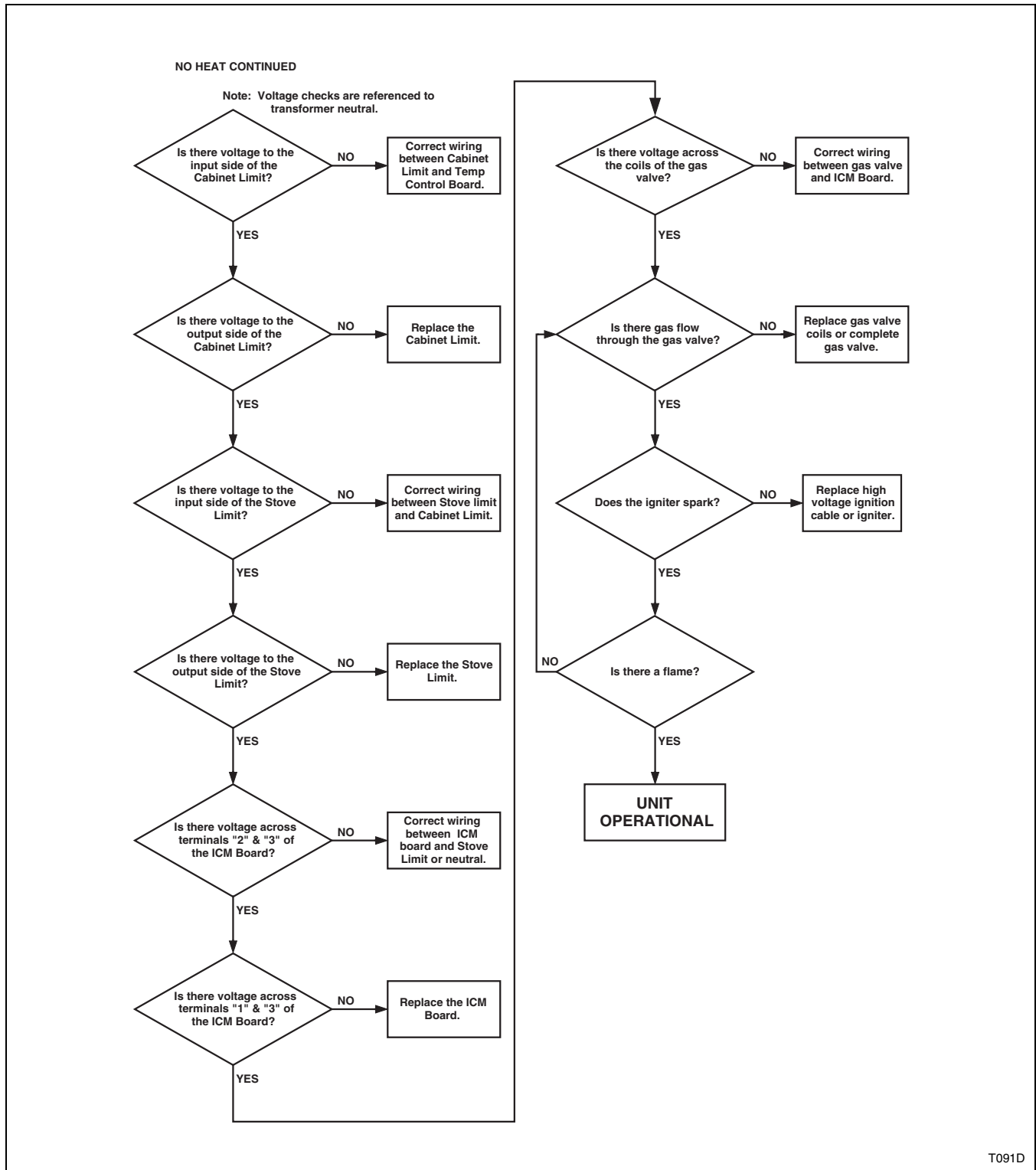
Gas

Rotary Coin Drop (Sheet 1 of 2)



Gas

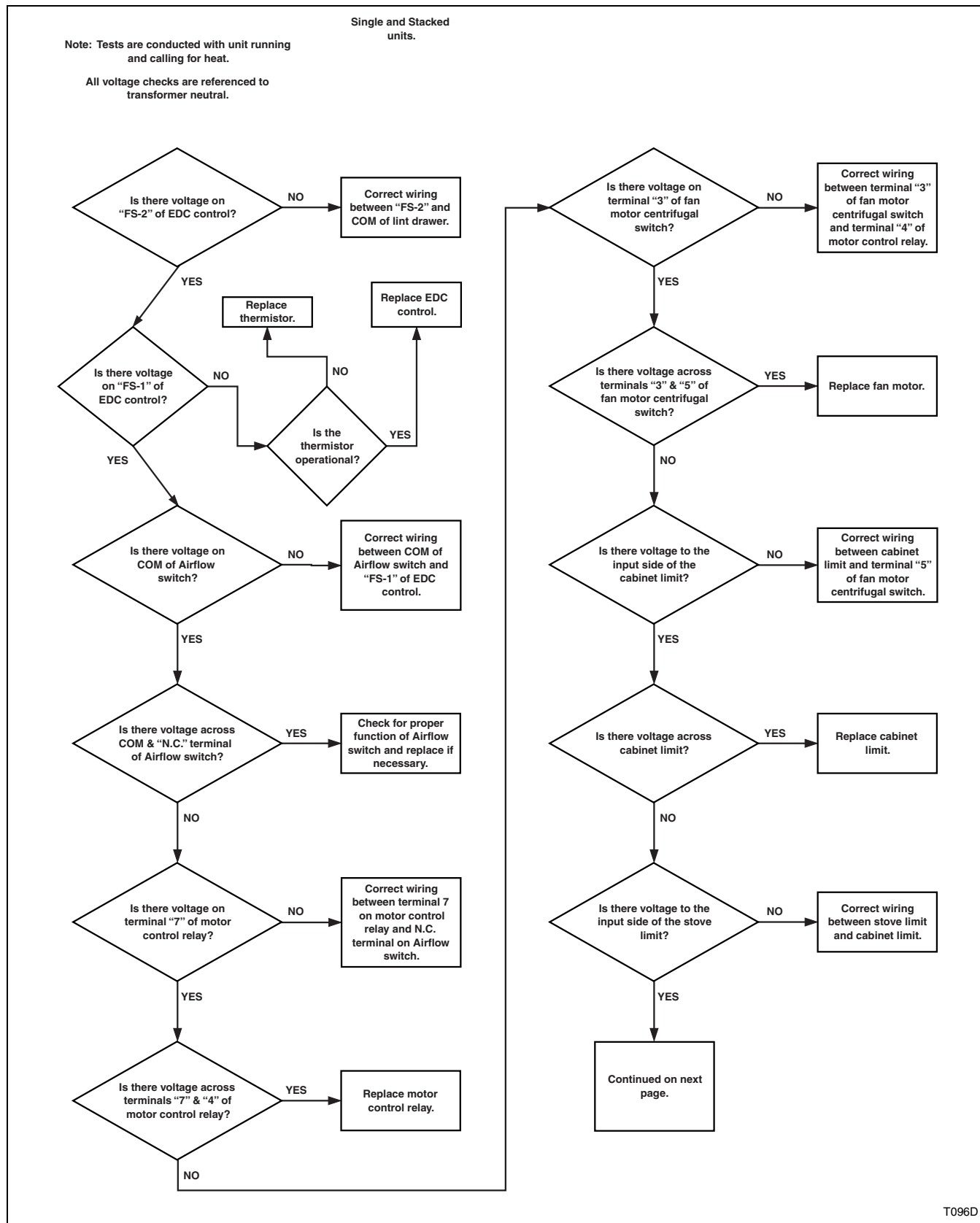
Rotary Coin Drop (Sheet 2 of 2)



Will Not Heat

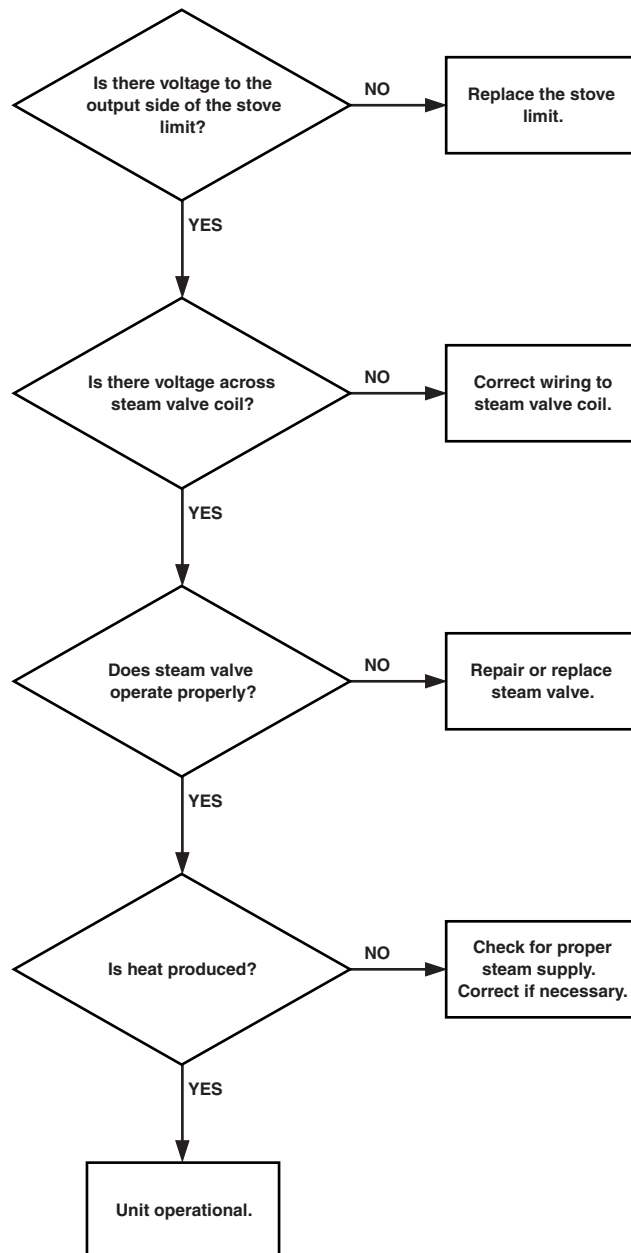
Steam

EDC Models (Sheet 1 of 2)



Steam

EDC Models (Sheet 2 of 2)

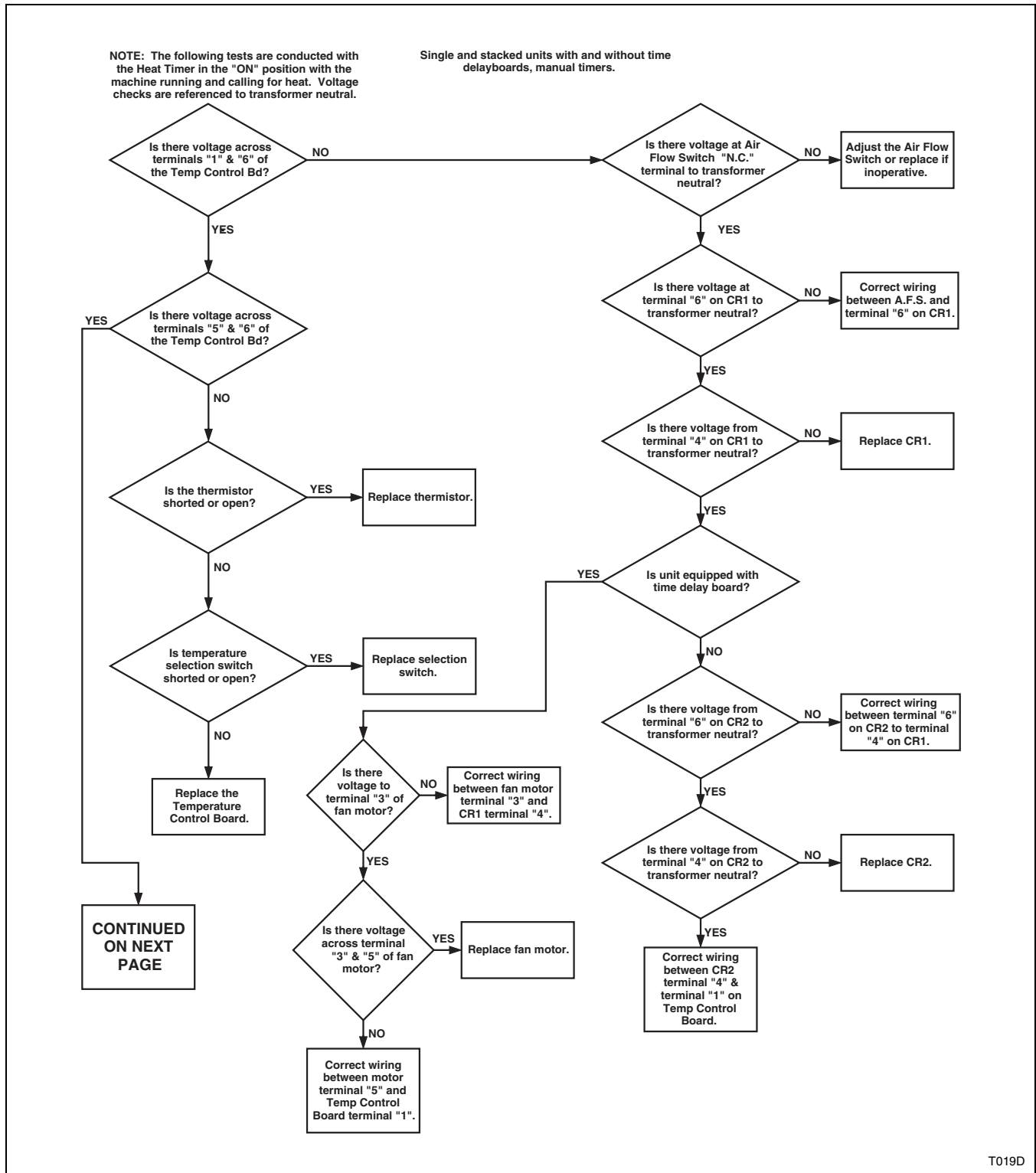


T097D

Will Not Heat

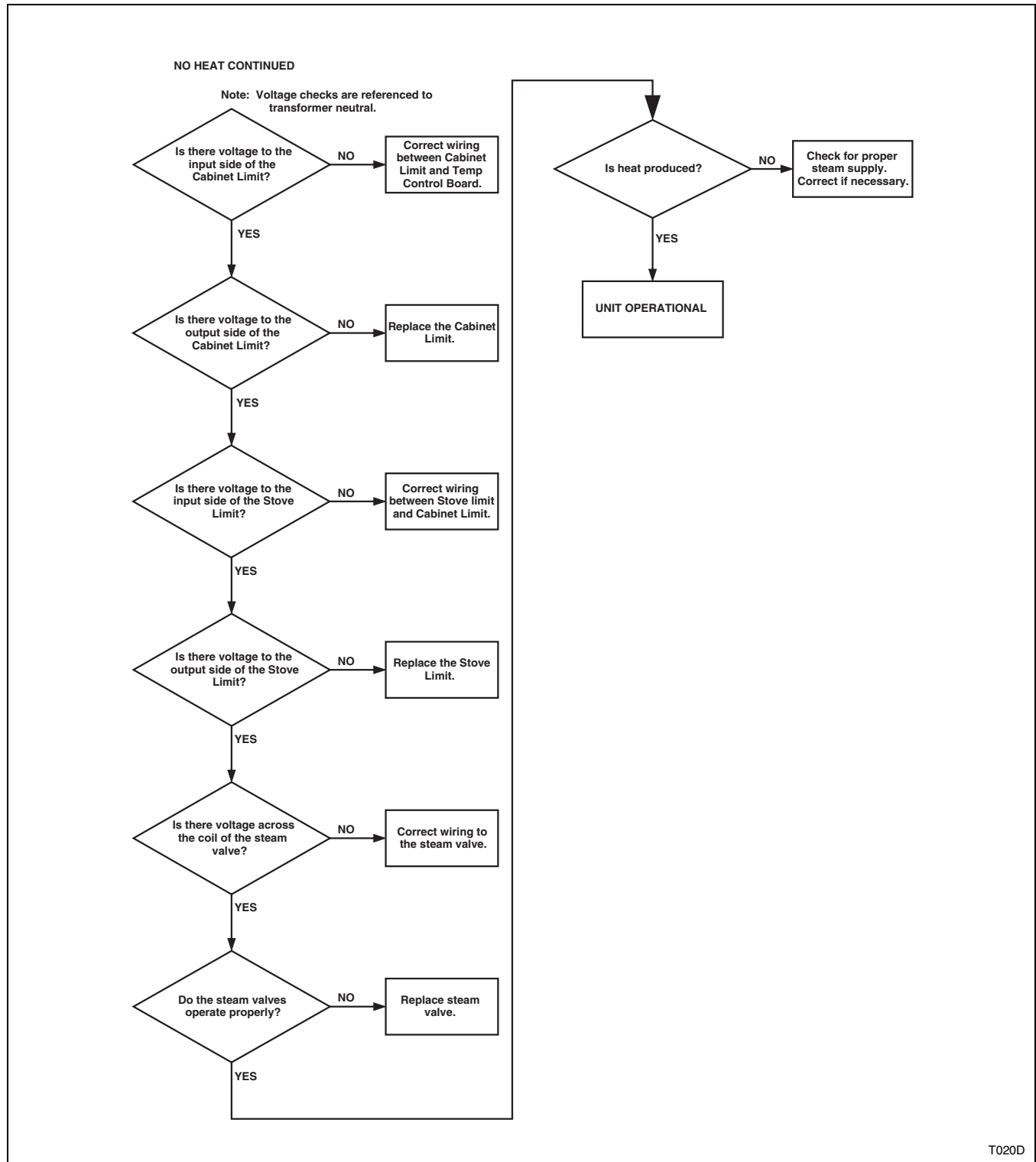
Steam

Manual Timer (Sheet 1 of 2)



Steam

Manual Timer (Sheet 2 of 2)

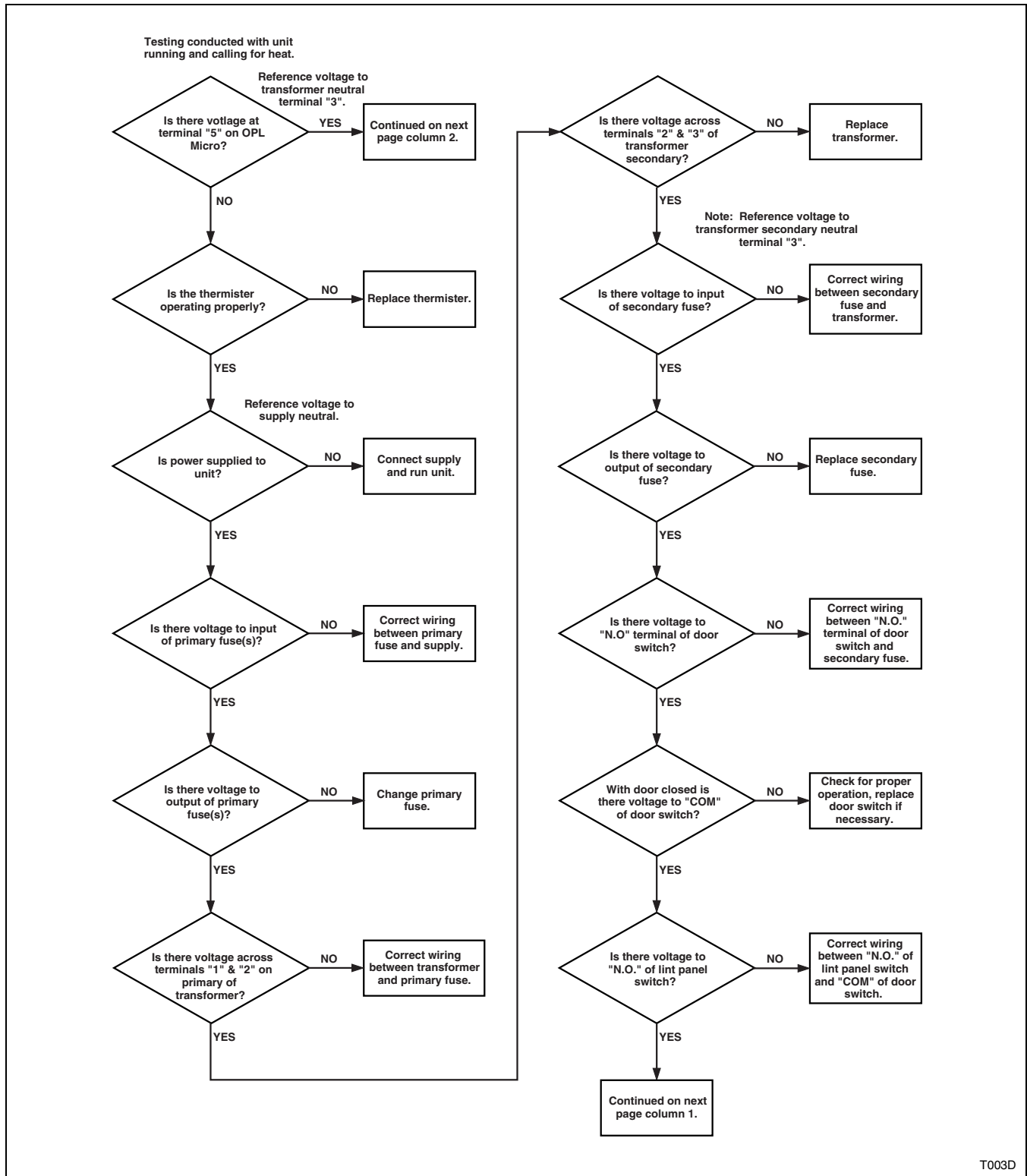


T020D

Will Not Heat

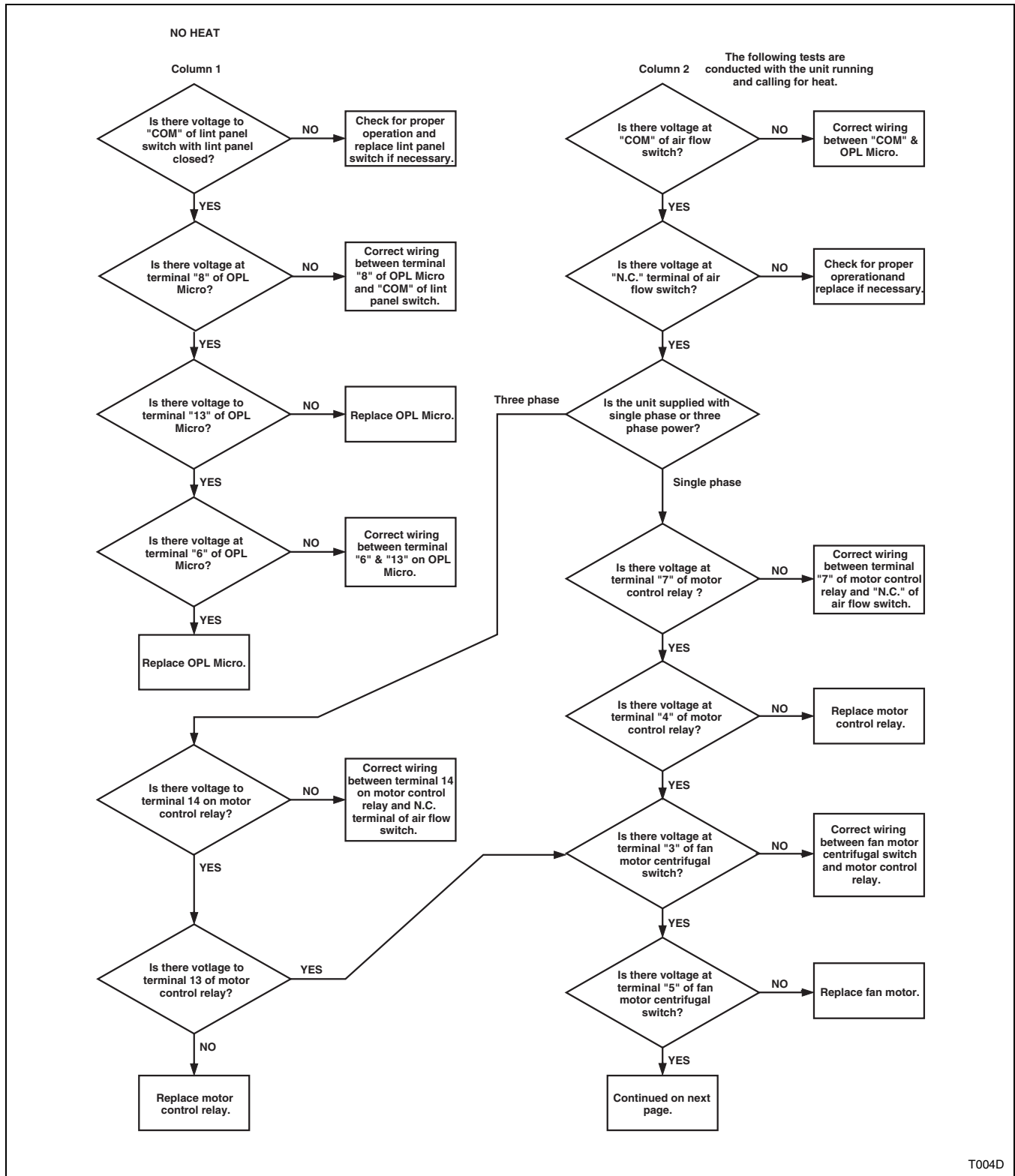
Steam

OPL Microprocessor (Sheet 1 of 3)



Steam

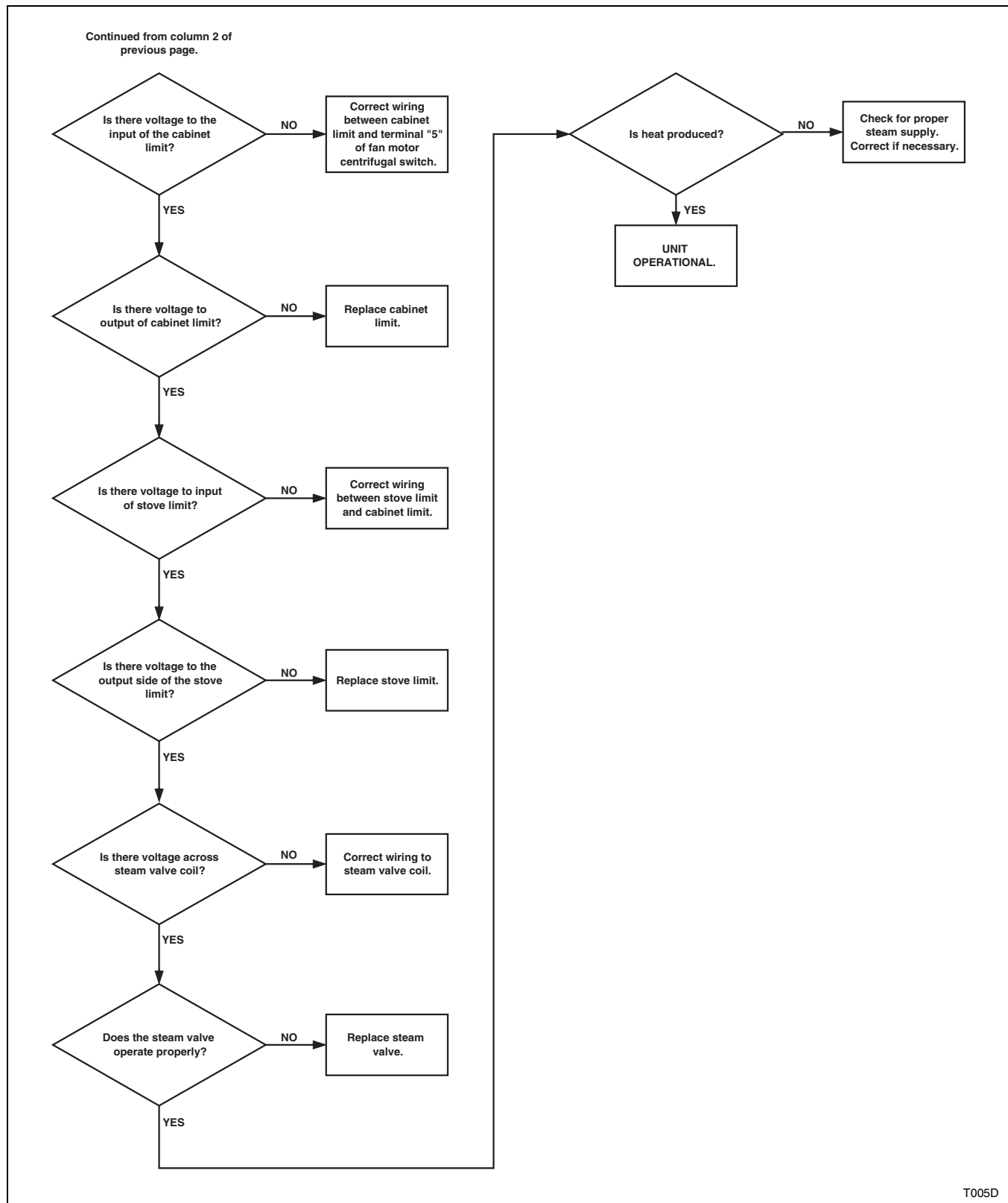
OPL Microprocessor (Sheet 2 of 3)



Will Not Heat

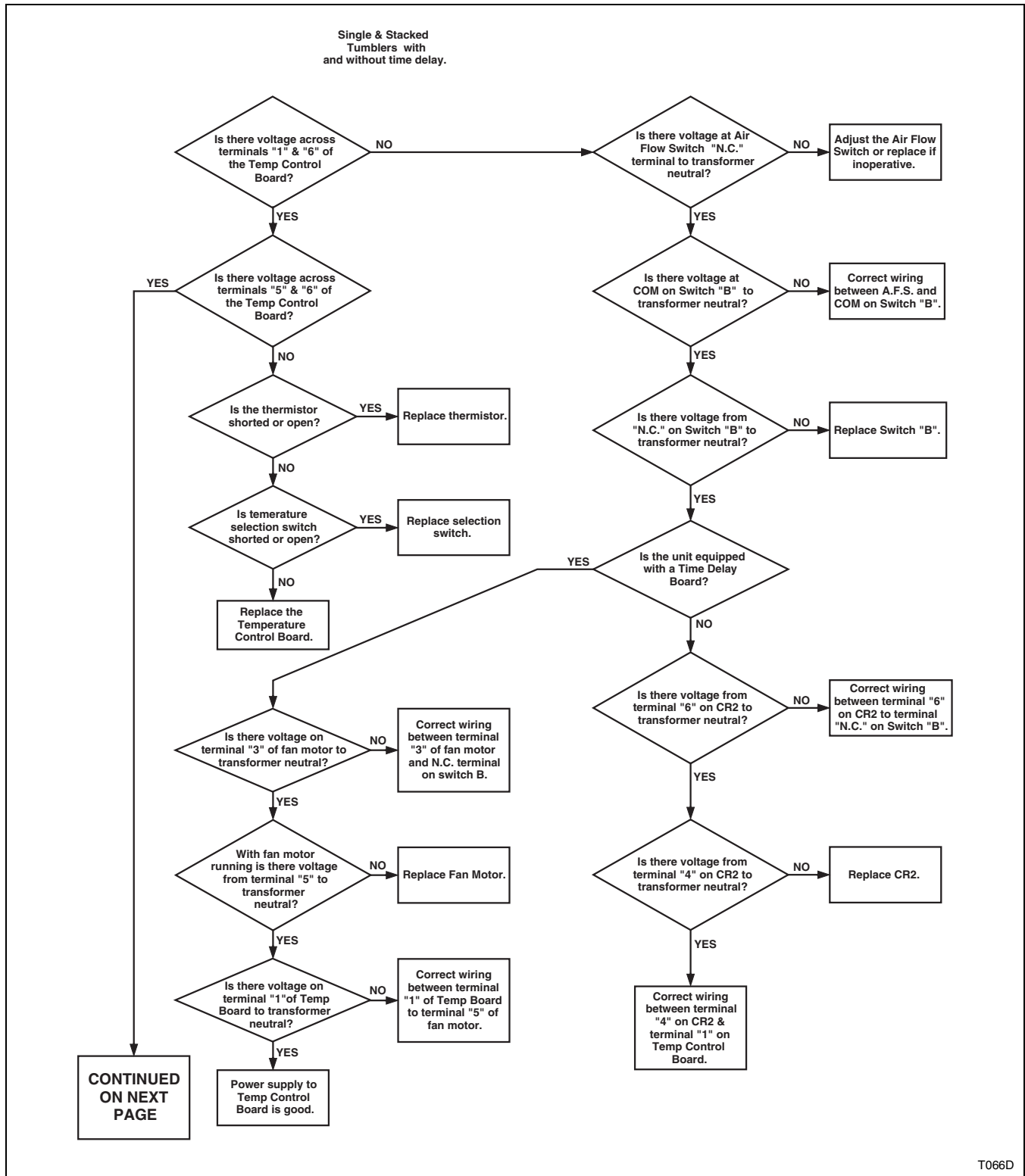
Steam

OPL Microprocessor (Sheet 3 of 3)



Steam

Rotary Coin Drop (Sheet 1 of 2)



T066D

Will Not Heat

Steam

Rotary Coin Drop (Sheet 2 of 2)

