



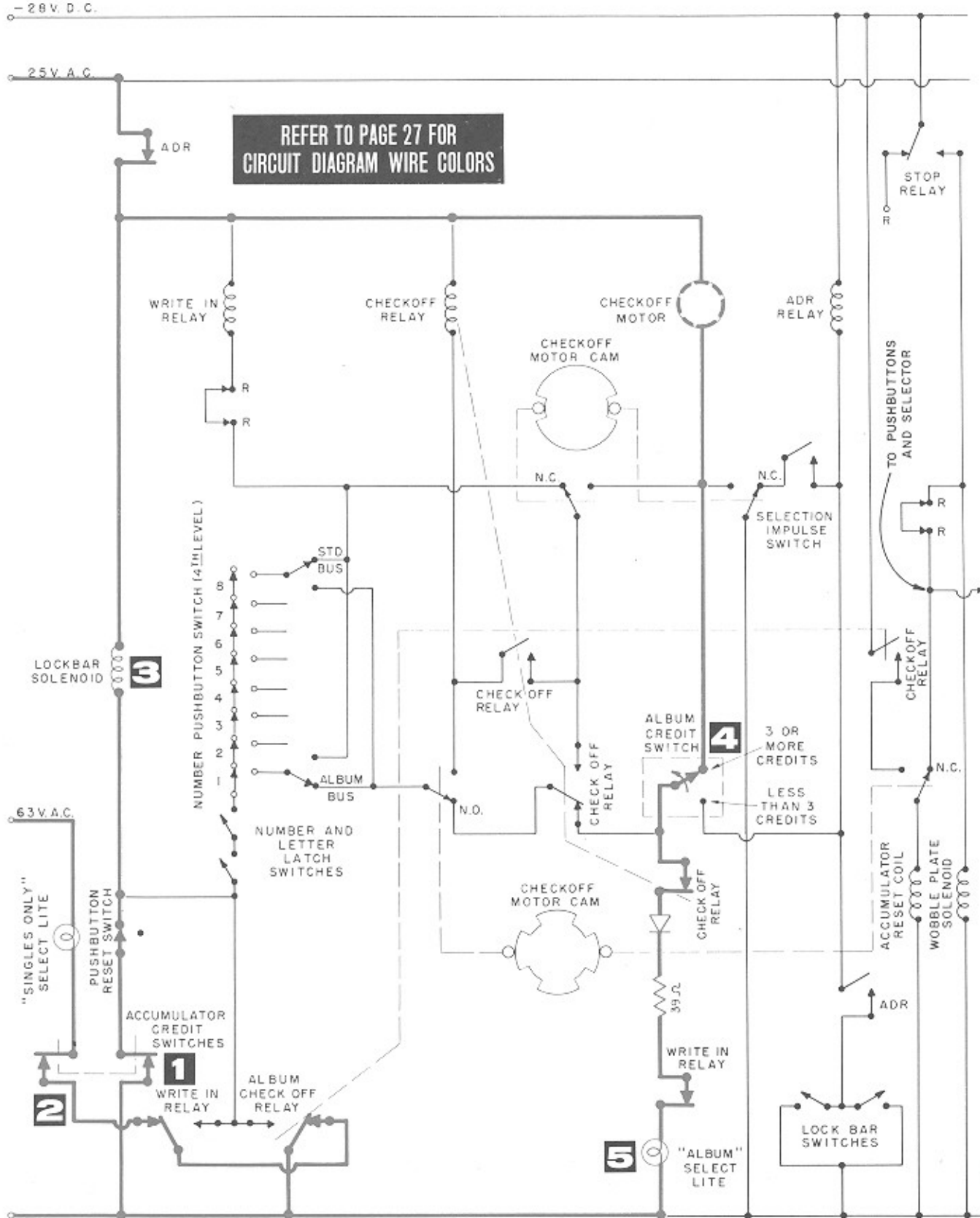
**SEQUENCE**

**DIAGRAMS**

- 28 V. D.C.

25 V. A.C.

REFER TO PAGE 27 FOR  
CIRCUIT DIAGRAM WIRE COLORS





**SEQUENCE NO. 1 • 25c COIN REGISTERED**  
**(ALBUM SELECTION EXAMPLE)**

When a ALBUM SELECTION is entered the selection system is held in abeyance for a short time to allow for the removal of two credits from the ACCUMULATOR. This is accomplished thru a CHECK OFF arrangement that operates on a ALBUM SELECTION ONLY. The last credit is removed during the normal selection cycle. Electrical sequences from NO. 1 thru NO. 6 deal with the operation of an album play selection.

A 25¢ coin will register three (3) 10¢ selections on the ACCUMULATOR MASTER RATCHET (circuit not shown), allowing the ALBUM CREDIT SWITCH NO. 4 to transfer and CREDIT SWITCHES NO. 1 and NO. 2 to close. CREDIT SWITCH NO. 1 energizes the LOCKBAR SOLENOID NO. 3 to allow the PUSHBUTTONS to latch when depressed. CREDIT SWITCH NO. 2 completes a circuit to the "SINGLE PLAY ONLY" lite. Whenever 3 or more credits are established, the ALBUM CREDIT SWITCH NO. 4 is actuated by the MASTER RATCHET connecting a circuit to the "ALBUM" lite. The customer now has a choice of selecting three (3) standard records or one (1) album side.

**SEQUENCE NO. 7 • COIN REGISTERED**  
**(STANDARD SELECTION EXAMPLE)**

The pulse from the COIN SWITCH operates the ACCUMULATOR MASTER RATCHET (this circuit not shown) closing ACCUMULATOR CREDIT SWITCHES NO. 1 and NO. 2. SWITCH NO. 2 connects a circuit to the "SINGLE PLAY ONLY" lite. SWITCH NO. 1 energizes LOCKBAR SOLENOID NO. 3 to allow PUSHBUTTONS to latch when depressed.

- 28 V. D. C.

PINK

25 V. A. C.

WHITE

ADR

TAN

WRITE IN  
RELAY

CHECKOFF  
RELAY

CHECKOFF  
MOTOR

ADR  
RELAY

CHECKOFF  
MOTOR CAM

STOP  
RELAY

ORANGE-BLUE

N.C.

N.C.

PINK

TAN

NUMBER PUSHBUTTON SWITCH (4TH LEVEL)

STD.  
BUS

GREEN-RED

TAN-YELLOW

GREEN-WHITE

BLACK

LOCKBAR  
SOLENOID

3

NUMBER AND  
LETTER  
LATCH  
SWITCHES

N.O.

CHECKOFF  
MOTOR CAM

ALBUM  
CREDIT  
SWITCH

3 OR  
MORE  
CREDITS

LESS  
THAN 3  
CREDITS

63 V. A. C.

YELLOW-BLACK

PURPLE  
ORANGE

ORANGE-BLUE

RED-YELLOW

BLUE-BLACK

GREY-WHITE

TAN-RED

N.C.

"SINGLES ONLY"  
SELECT LITE

BLUE

PUSHBUTTON  
RESET SWITCH

GREY-BLX

ACCUMULATOR  
CREDIT  
SWITCHES

YELLOW-BLACK

ALBUM  
CHECK OFF  
RELAY

BLACK-WHITE

RED-WH.

WRITE IN  
RELAY

39 Ω

BRN. YEL.

GREY-YEL.

ADP

TAN BLK.

LOCK BAR  
SWITCHES

2

RED-WH.

BLACK-WHITE

WRITE IN  
RELAY

ALBUM  
CHECK OFF  
RELAY

BLACK-WHITE

RED-WH.

WRITE IN  
RELAY

39 Ω

BRN. YEL.

GREY-YEL.

ADP

TAN BLK.

LOCK BAR  
SWITCHES

LOCK BAR  
SWITCHES

BLACK

WOBBLER  
SOLENOID

ACCUMULATOR  
RESET COIL

GREY

TAN-WHITE

CHECKOFF  
RELAY

3 OR  
MORE  
CREDITS

LESS  
THAN 3  
CREDITS

ALBUM  
CREDIT  
SWITCH

CHECK OFF  
RELAY

TAN-YELLOW

GREEN-RED

ORANGE-BLUE

STD.  
BUS

NUMBER PUSHBUTTON SWITCH (4TH LEVEL)

LOCKBAR  
SOLENOID

PUSHBUTTON  
RESET SWITCH

"SINGLES ONLY"  
SELECT LITE

63 V. A. C.

NUMBER AND  
LETTER  
LATCH  
SWITCHES

ACCUMULATOR  
CREDIT  
SWITCHES

GREY-BLX

YELLOW-BLACK

LOCKBAR  
SOLENOID

25 V. A. C.

- 28 V. D. C.

WHITE

PINK

ADP

TAN BLK.

GREY

TAN-WHITE

CHECKOFF  
RELAY

3 OR  
MORE  
CREDITS

LESS  
THAN 3  
CREDITS

ALBUM  
CREDIT  
SWITCH

CHECK OFF  
RELAY

TAN-YELLOW

GREEN-RED

ORANGE-BLUE

STD.  
BUS

NUMBER PUSHBUTTON SWITCH (4TH LEVEL)

LOCKBAR  
SOLENOID

PUSHBUTTON  
RESET SWITCH

"SINGLES ONLY"  
SELECT LITE

63 V. A. C.

NUMBER AND  
LETTER  
LATCH  
SWITCHES

ACCUMULATOR  
CREDIT  
SWITCHES

GREY-BLX

YELLOW-BLACK

LOCKBAR  
SOLENOID

25 V. A. C.

- 28 V. D. C.

WHITE

PINK

ADP

TAN BLK.

GREY

TAN-WHITE

CHECKOFF  
RELAY

3 OR  
MORE  
CREDITS

LESS  
THAN 3  
CREDITS

ALBUM  
CREDIT  
SWITCH

CHECK OFF  
RELAY

TAN-YELLOW

GREEN-RED

ORANGE-BLUE

STD.  
BUS

NUMBER PUSHBUTTON SWITCH (4TH LEVEL)

LOCKBAR  
SOLENOID

PUSHBUTTON  
RESET SWITCH

"SINGLES ONLY"  
SELECT LITE

63 V. A. C.

NUMBER AND  
LETTER  
LATCH  
SWITCHES

ACCUMULATOR  
CREDIT  
SWITCHES

GREY-BLX

YELLOW-BLACK

LOCKBAR  
SOLENOID

25 V. A. C.

- 28 V. D. C.

WHITE

PINK

ADP

TAN BLK.

GREY

TAN-WHITE

CHECKOFF  
RELAY

3 OR  
MORE  
CREDITS

LESS  
THAN 3  
CREDITS

ALBUM  
CREDIT  
SWITCH

CHECK OFF  
RELAY

TAN-YELLOW

GREEN-RED

ORANGE-BLUE

STD.  
BUS

NUMBER PUSHBUTTON SWITCH (4TH LEVEL)

LOCKBAR  
SOLENOID

PUSHBUTTON  
RESET SWITCH

"SINGLES ONLY"  
SELECT LITE

63 V. A. C.

NUMBER AND  
LETTER  
LATCH  
SWITCHES

ACCUMULATOR  
CREDIT  
SWITCHES

GREY-BLX

YELLOW-BLACK

LOCKBAR  
SOLENOID

25 V. A. C.

- 28 V. D. C.

WHITE

PINK

ADP

TAN BLK.

GREY

TAN-WHITE

CHECKOFF  
RELAY

3 OR  
MORE  
CREDITS

LESS  
THAN 3  
CREDITS

ALBUM  
CREDIT  
SWITCH

CHECK OFF  
RELAY

TAN-YELLOW

GREEN-RED

ORANGE-BLUE

STD.  
BUS

NUMBER PUSHBUTTON SWITCH (4TH LEVEL)

LOCKBAR  
SOLENOID

PUSHBUTTON  
RESET SWITCH

"SINGLES ONLY"  
SELECT LITE

63 V. A. C.

NUMBER AND  
LETTER  
LATCH  
SWITCHES

ACCUMULATOR  
CREDIT  
SWITCHES

GREY-BLX

YELLOW-BLACK

LOCKBAR  
SOLENOID

25 V. A. C.

- 28 V. D. C.

WHITE

PINK

ADP

TAN BLK.

GREY

TAN-WHITE

CHECKOFF  
RELAY

3 OR  
MORE  
CREDITS

LESS  
THAN 3  
CREDITS

ALBUM  
CREDIT  
SWITCH

CHECK OFF  
RELAY

TAN-YELLOW

GREEN-RED

ORANGE-BLUE

STD.  
BUS

NUMBER PUSHBUTTON SWITCH (4TH LEVEL)

LOCKBAR  
SOLENOID

PUSHBUTTON  
RESET SWITCH

"SINGLES ONLY"  
SELECT LITE

63 V. A. C.

NUMBER AND  
LETTER  
LATCH  
SWITCHES

ACCUMULATOR  
CREDIT  
SWITCHES

GREY-BLX

YELLOW-BLACK

LOCKBAR  
SOLENOID

25 V. A. C.

- 28 V. D. C.

WHITE

PINK

ADP

TAN BLK.

GREY

TAN-WHITE

CHECKOFF  
RELAY

3 OR  
MORE  
CREDITS

LESS  
THAN 3  
CREDITS

ALBUM  
CREDIT  
SWITCH

CHECK OFF  
RELAY

TAN-YELLOW

GREEN-RED

ORANGE-BLUE

STD.  
BUS

NUMBER PUSHBUTTON SWITCH (4TH LEVEL)

LOCKBAR  
SOLENOID

PUSHBUTTON  
RESET SWITCH

"SINGLES ONLY"  
SELECT LITE

63 V. A. C.

NUMBER AND  
LETTER  
LATCH  
SWITCHES

ACCUMULATOR  
CREDIT  
SWITCHES

GREY-BLX

YELLOW-BLACK

LOCKBAR  
SOLENOID

25 V. A. C.

- 28 V. D. C.

WHITE

PINK

ADP

TAN BLK.

GREY

TAN-WHITE

CHECKOFF  
RELAY

3 OR  
MORE  
CREDITS

LESS  
THAN 3  
CREDITS

ALBUM  
CREDIT  
SWITCH

CHECK OFF  
RELAY

TAN-YELLOW

GREEN-RED

ORANGE-BLUE

STD.  
BUS

NUMBER PUSHBUTTON SWITCH (4TH LEVEL)

LOCKBAR  
SOLENOID

PUSHBUTTON  
RESET SWITCH

"SINGLES ONLY"  
SELECT LITE

63 V. A. C.

NUMBER AND  
LETTER  
LATCH  
SWITCHES

ACCUMULATOR  
CREDIT  
SWITCHES

GREY-BLX

YELLOW-BLACK

LOCKBAR  
SOLENOID

25 V. A. C.

- 28 V. D. C.

WHITE

PINK

ADP

TAN BLK.

GREY

TAN-WHITE

CHECKOFF  
RELAY

3 OR  
MORE  
CREDITS

LESS  
THAN 3  
CREDITS

ALBUM  
CREDIT  
SWITCH

CHECK OFF  
RELAY

TAN-YELLOW

GREEN-RED

ORANGE-BLUE

STD.  
BUS

NUMBER PUSHBUTTON SWITCH (4TH LEVEL)

LOCKBAR  
SOLENOID

PUSHBUTTON  
RESET SWITCH

"SINGLES ONLY"  
SELECT LITE

63 V. A. C.

NUMBER AND  
LETTER  
LATCH  
SWITCHES

ACCUMULATOR  
CREDIT  
SWITCHES

GREY-BLX

YELLOW-BLACK

LOCKBAR  
SOLENOID

25 V. A. C.

- 28 V. D. C.

WHITE

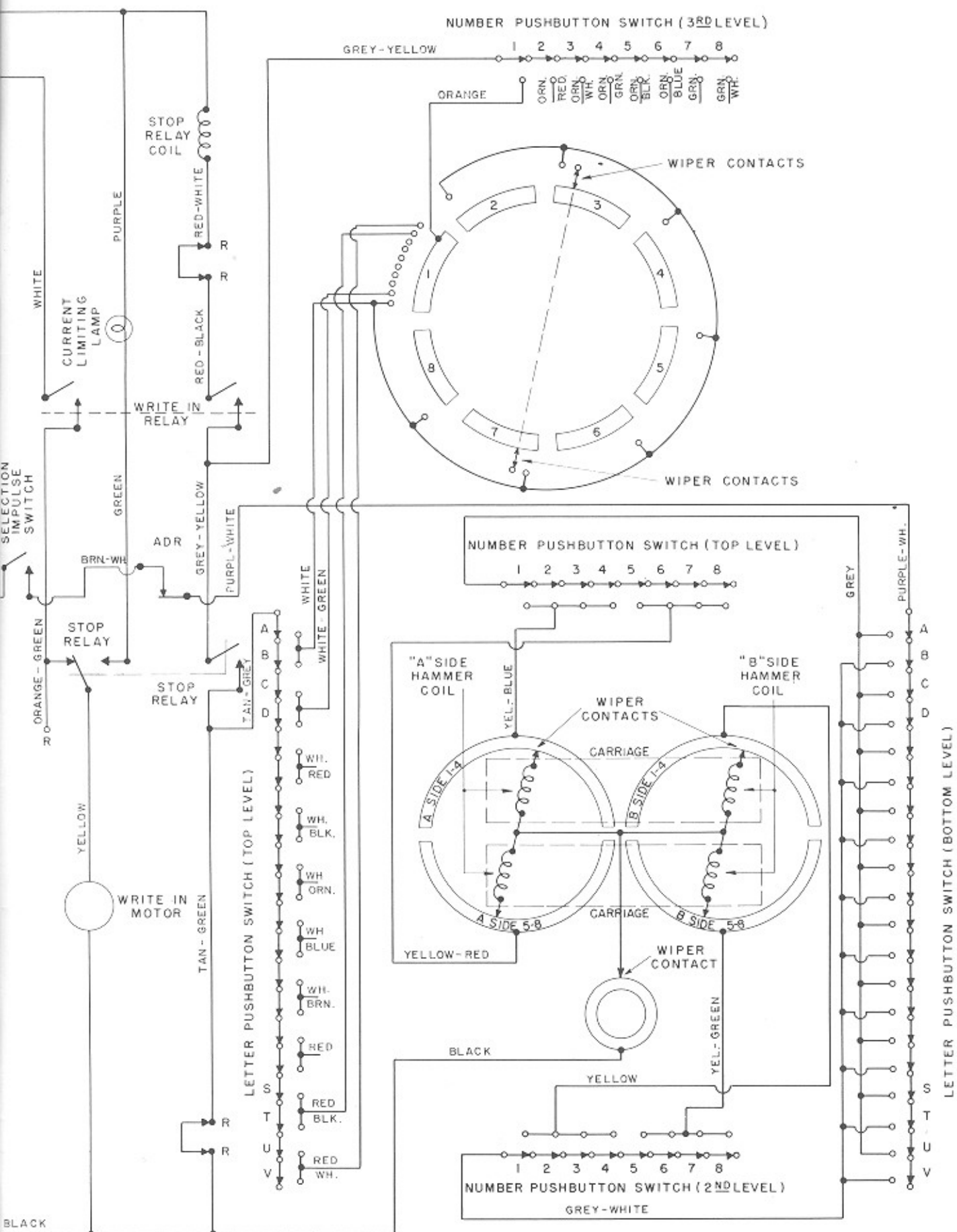
PINK

ADP

TAN BLK.

GREY

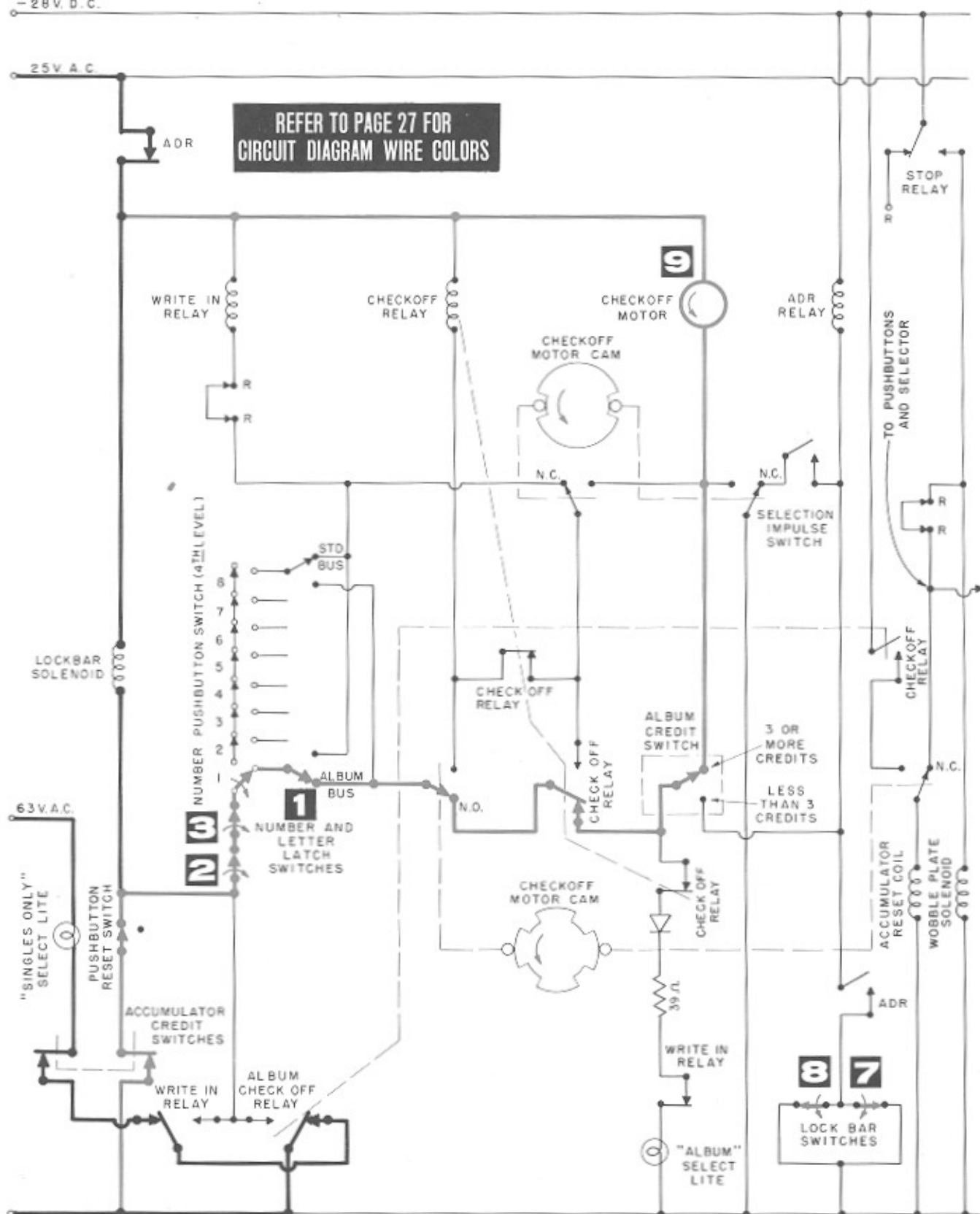
TAN



-28V. D.C.

25V. A.C.

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CIRCUIT DIAGRAM WIRE COLORS





### SEQUENCE NO. 2 • ALBUM SELECTION MADE

NOTE: In this example the NO. 1 pushbutton section "ALBUM BUS SWITCH" NO. 1 has been transferred to accommodate 20 album sides. Selection A-1 is made. (Letter pushbutton circuit not shown.) The movement of the PUSHBUTTON LOCK BARS close switches NO. 7 and NO. 8 and the solenoid allows the LATCHES to close switches NO. 2 and NO. 3. Switches NO. 2 and NO. 3 complete a circuit to the CHECKOFF MOTOR NO. 9 which starts to rotate and simultaneously places a short circuit around the "ALBUM" select lite which now goes out. The purpose of switches NO. 7 and NO. 8 is explained in a later sequence.

### SEQUENCE NO. 8 • WRITE-IN RELAY OPERATES, WRITE-IN MOTOR RUNS

Selection A-1 shown. The movement of the PUSHBUTTONS LATCH and LOCKBARS close switches NO. 2, NO. 3, NO. 7 and NO. 8. 25V. A.C. flows thru NO. 2 and NO. 3 energizing the WRITE-IN RELAY NO. 4. (In the event an ALBUM SELECTION has been registered, the WRITE-IN RELAY circuit is disconnected until the ACCUMULATOR CHECKOFF CYCLE is completed. Then the WRITE-IN RELAY will energize and the subsequent sequences will take place.) The energized WRITE-IN RELAY contacts NO. 1 and NO. 5 transfer. Contact NO. 1 disconnects the "SINGLES ONLY" select lite and bypasses the PUSHBUTTON RESET SWITCH, Contact NO. 5 completes a circuit to the WRITE-IN MOTOR NO. 6 which begins to rotate.

25 V. A.C.

63 V. A.C.

26 V. D.C.

REFER TO PAGE 27 FOR  
CIRCUIT DIAGRAM WIRE COLORS

WRITE IN RELAY

CHECKOFF RELAY

CHECKOFF MOTOR

ADR RELAY

STOP RELAY

LOCKBAR SOLENOID

NUMBER PUSHBUTTON SWITCH (4 IN LEVEL)

STD BUS

ALBUM BUS

NUMBER AND LETTER LATCH SWITCHES

ACCUMULATOR CREDIT SWITCHES

WRITE IN RELAY

ALBUM CHECK OFF RELAY

CHECKOFF MOTOR CAM

ALBUM CREDIT SWITCH

3 OR MORE CREDITS

LESS THAN 3 CREDITS

ACCUMULATOR RESET COIL

WOBBLE PLATE SOLENOID

ADP

LOCK BAR SWITCHES

"ALBUM" SELECT LITE

39 Ω

1

2

3

4

7

8

9

25 V. A.C.

63 V. A.C.

26 V. D.C.

REFER TO PAGE 27 FOR  
CIRCUIT DIAGRAM WIRE COLORS

WRITE IN RELAY

CHECKOFF RELAY

CHECKOFF MOTOR

ADR RELAY

STOP RELAY

LOCKBAR SOLENOID

NUMBER PUSHBUTTON SWITCH (4 IN LEVEL)

STD BUS

ALBUM BUS

NUMBER AND LETTER LATCH SWITCHES

ACCUMULATOR CREDIT SWITCHES

WRITE IN RELAY

ALBUM CHECK OFF RELAY

CHECK OFF RELAY

CHECK OFF RELAY

ALBUM CREDIT SWITCH

3 OR MORE CREDITS

LESS THAN 3 CREDITS

ACCUMULATOR RESET COIL

WOBBLE PLATE SOLENOID

WRITE IN RELAY

"ALBUM" SELECT LITE

LOCK BAR SWITCHES

1

2

3

4

5

6

7

8

9

25 V. A.C.

63 V. A.C.

26 V. D.C.

REFER TO PAGE 27 FOR  
CIRCUIT DIAGRAM WIRE COLORS

WRITE IN RELAY

CHECKOFF RELAY

CHECKOFF MOTOR

ADR RELAY

STOP RELAY

LOCKBAR SOLENOID

NUMBER PUSHBUTTON SWITCH (4 IN LEVEL)

STD BUS

ALBUM BUS

NUMBER AND LETTER LATCH SWITCHES

ACCUMULATOR CREDIT SWITCHES

WRITE IN RELAY

ALBUM CHECK OFF RELAY

CHECK OFF RELAY

CHECK OFF RELAY

ALBUM CREDIT SWITCH

3 OR MORE CREDITS

LESS THAN 3 CREDITS

ACCUMULATOR RESET COIL

WOBBLE PLATE SOLENOID

WRITE IN RELAY

"ALBUM" SELECT LITE

LOCK BAR SWITCHES

1

2

3

4

5

6

7

8

9

25 V. A.C.

63 V. A.C.

26 V. D.C.

REFER TO PAGE 27 FOR  
CIRCUIT DIAGRAM WIRE COLORS

WRITE IN RELAY

CHECKOFF RELAY

CHECKOFF MOTOR

ADR RELAY

STOP RELAY

LOCKBAR SOLENOID

NUMBER PUSHBUTTON SWITCH (4 IN LEVEL)

STD BUS

ALBUM BUS

NUMBER AND LETTER LATCH SWITCHES

ACCUMULATOR CREDIT SWITCHES

WRITE IN RELAY

ALBUM CHECK OFF RELAY

CHECK OFF RELAY

CHECK OFF RELAY

ALBUM CREDIT SWITCH

3 OR MORE CREDITS

LESS THAN 3 CREDITS

ACCUMULATOR RESET COIL

WOBBLE PLATE SOLENOID

WRITE IN RELAY

"ALBUM" SELECT LITE

LOCK BAR SWITCHES

1

2

3

4

5

6

7

8

9

[illegible]

25 V. A.C.

ADR

**REFER TO PAGE 27 FOR  
CIRCUIT DIAGRAM WIRE COLORS**

WRITE IN RELAY **4**

CHECKOFF RELAY

CHECKOFF MOTOR

ADR RELAY

CHECKOFF MOTOR CAM

N.C.

SELECTION IMPULSE SWITCH

R

R

STD BUS

LOCKBAR SOLENOID

63 V. A.C.

"SINGLES ONLY" SELECT LITE

PUSHBUTTON RESET SWITCH

ACCUMULATOR CREDIT SWITCHES

WRITE IN RELAY **1**

ALBUM CHECK OFF RELAY

NUMBER AND LETTER LATCH SWITCHES

NUMBER PUSHBUTTON SWITCH (4TH LEVEL)

1

2

3

4

5

6

7

8

9

ALBUM BUS

CHECK OFF RELAY

CHECK OFF RELAY

ALBUM CREDIT SWITCH

3 OR MORE CREDITS

LESS THAN 3 CREDITS

CHECK OFF RELAY

39 Ω

WRITE IN RELAY **9**

"ALBUM" SELECT LITE

ACCUMULATOR RESET COIL

WOBBLE PLATE SOLENOID

LOCK BAR SWITCHES **8** **7**

STOP RELAY

R

R

N.C.

CHECKOFF RELAY

ADR

25 V. A.C.

63 V. A.C.

26 V. D.C.

REFER TO PAGE 27 FOR  
CIRCUIT DIAGRAM WIRE COLORS

WRITE IN RELAY 4

CHECKOFF RELAY

CHECKOFF MOTOR

CHECKOFF MOTOR CAM

ADR RELAY

STOP RELAY

LOCKBAR SOLENOID

NUMBER PUSHBUTTON SWITCH (4 IN LEVEL)

STD BUS

ALBUM BUS

NUMBER AND LETTER LATCH SWITCHES

2

3

1

"SINGLES ONLY" SELECT LITE

PUSHBUTTON RESET SWITCH

ACCUMULATOR CREDIT SWITCHES

WRITE IN RELAY

ALBUM CHECK OFF RELAY

CHECK OFF RELAY

ALBUM CREDIT SWITCH

3 OR MORE CREDITS

LESS THAN 3 CREDITS

CHECK OFF RELAY

39 Ω

WRITE IN RELAY

"ALBUM" SELECT LITE

8

7

LOCK BAR SWITCHES

ACCUMULATOR RESET COIL

WOBBLE PLATE SOLENOID

ADR

SELECTION IMPULSE SWITCH

N.C.

N.O.

R

R

R

R

25 V. A.C.

63 V. A.C.

26 V. D.C.

REFER TO PAGE 27 FOR  
CIRCUIT DIAGRAM WIRE COLORS

WRITE IN RELAY

CHECKOFF RELAY

CHECKOFF MOTOR

ADR RELAY

STOP RELAY

LOCKBAR SOLENOID

NUMBER PUSHBUTTON SWITCH (4 IN LEVEL)

STD BUS

ALBUM BUS

NUMBER AND LETTER LATCH SWITCHES

ACCUMULATOR CREDIT SWITCHES

WRITE IN RELAY

ALBUM CHECK OFF RELAY

CHECK OFF RELAY

CHECK OFF RELAY

ALBUM CREDIT SWITCH

3 OR MORE CREDITS

LESS THAN 3 CREDITS

ACCUMULATOR RESET COIL

WOBBLE PLATE SOLENOID

WRITE IN RELAY

"ALBUM" SELECT LITE

LOCK BAR SWITCHES

1

2

3

4

5

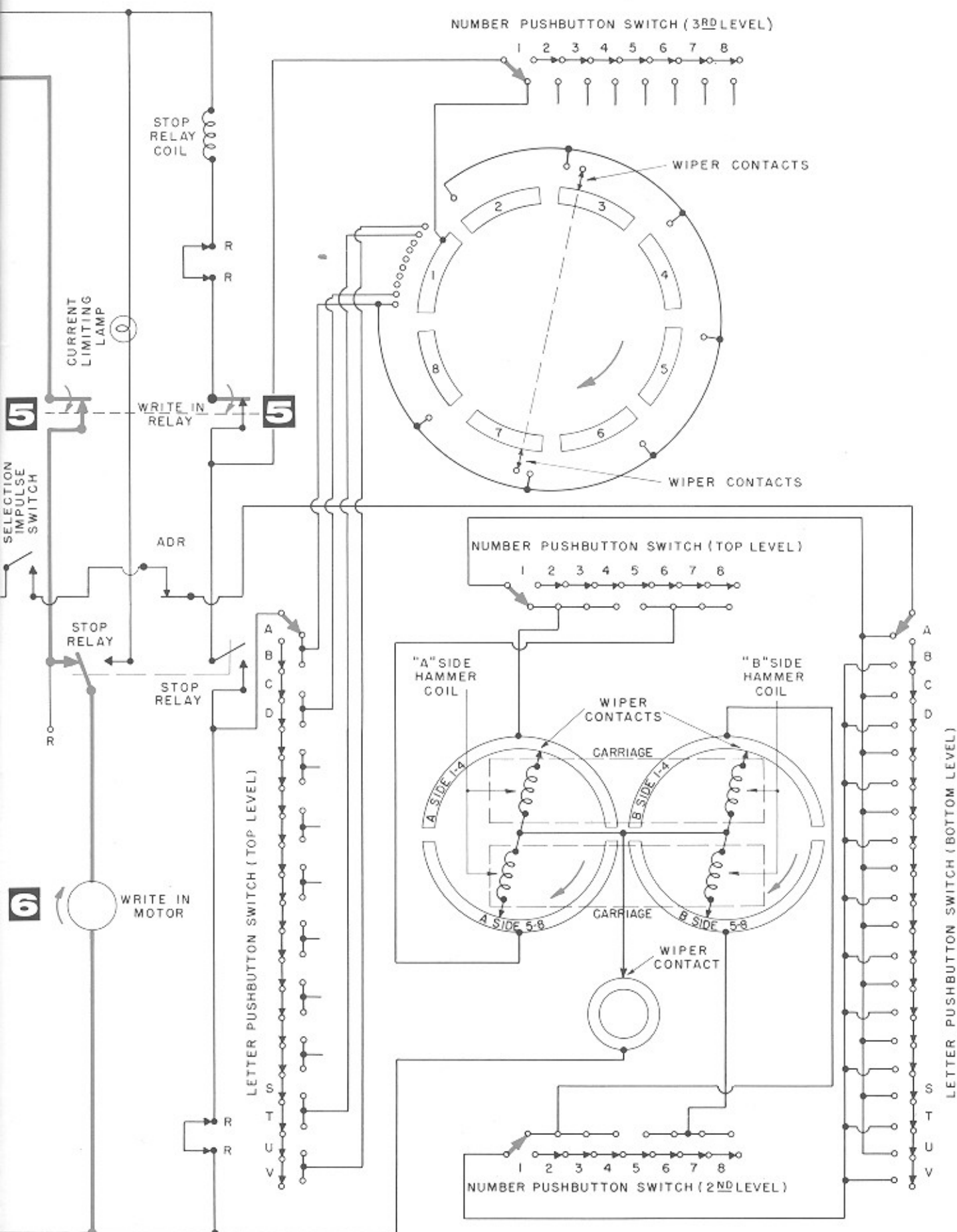
6

7

8

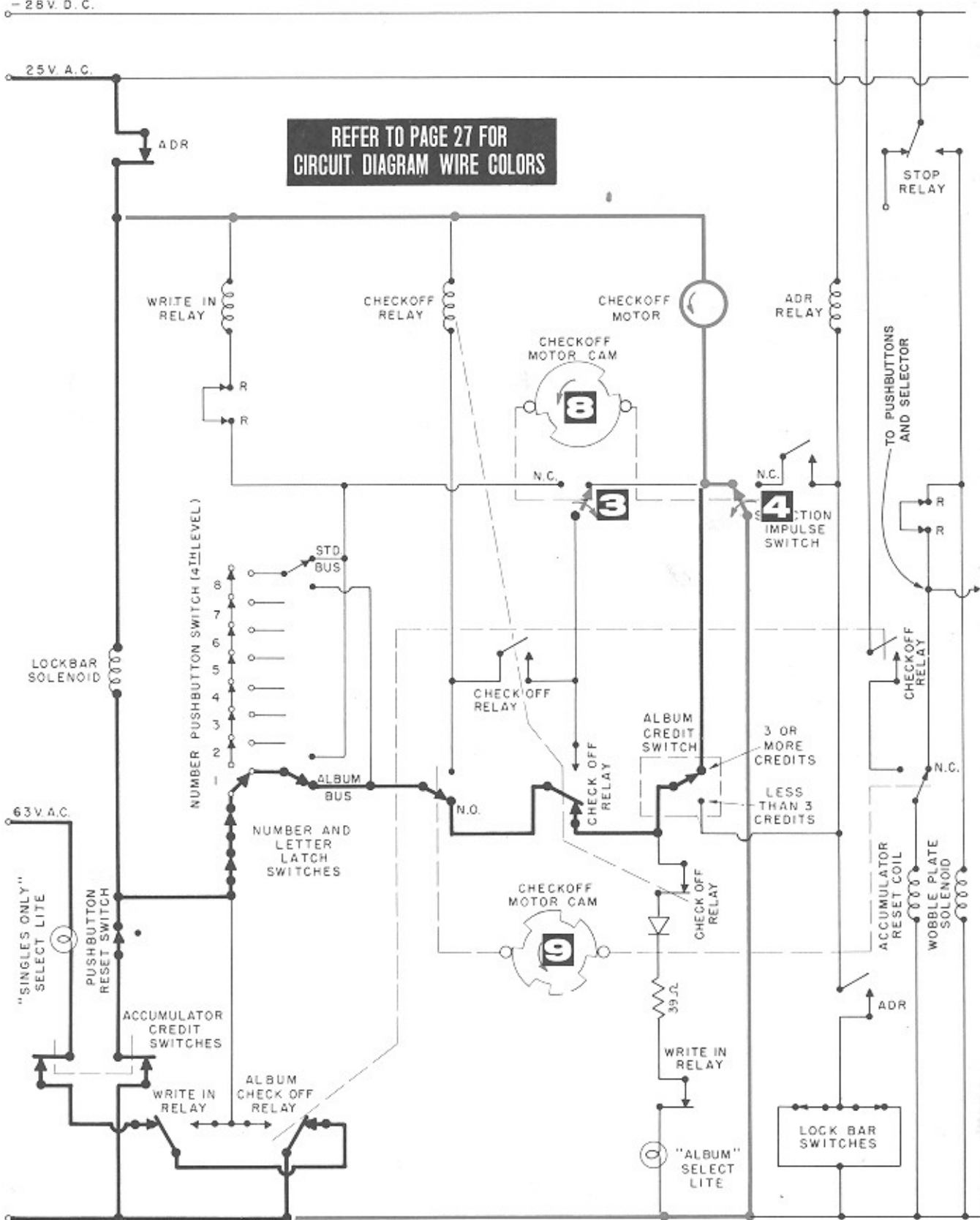
9





25 V. A.C.

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### SEQUENCE NO. 3 • CHECKOFF MOTOR RUNS

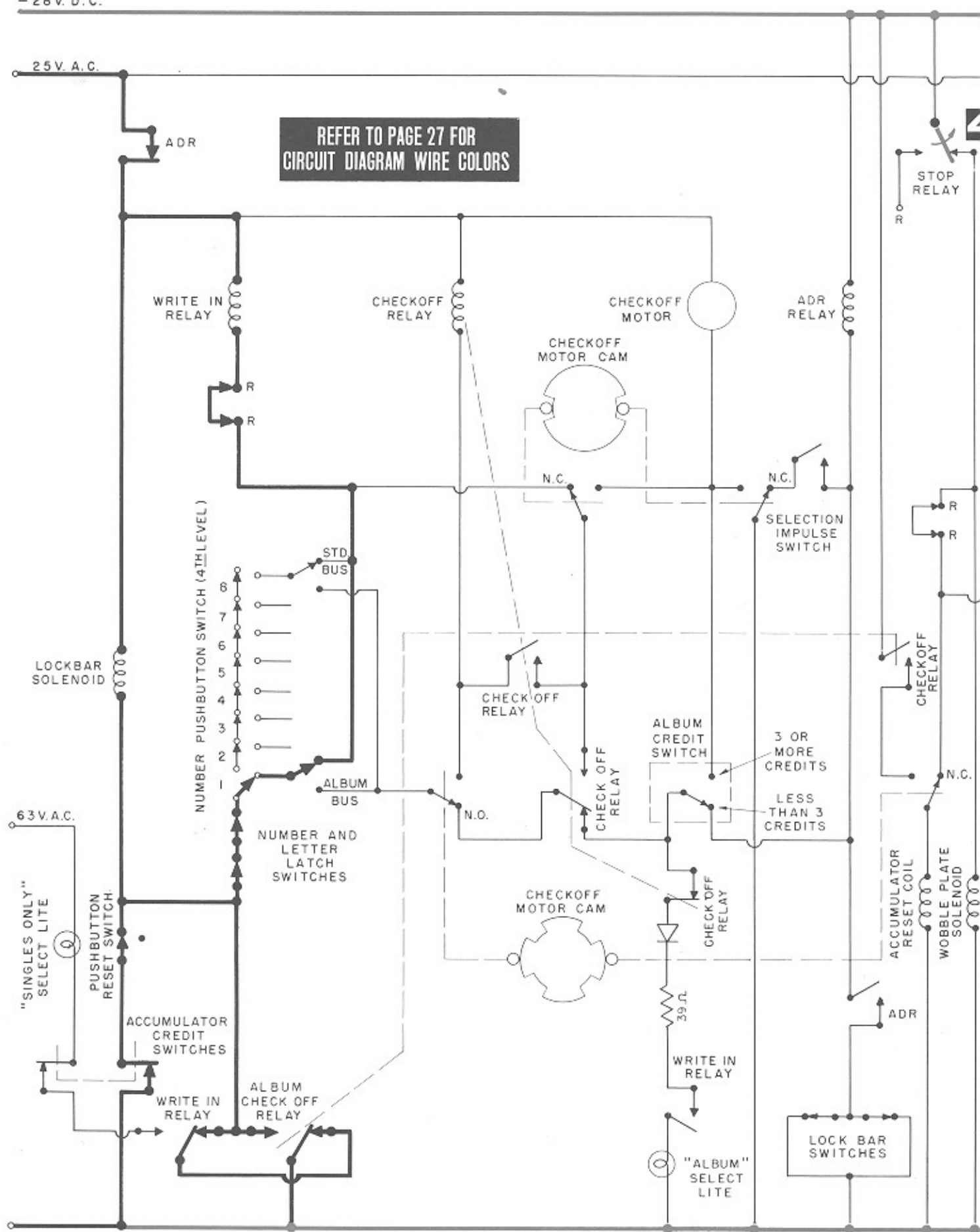
The motor rotates CHECKOFF MOTOR CAMS NO. 8 and NO. 9. Cam NO. 8 transfers switches NO. 3 and NO. 4. Switch NO. 4 connects "motor carryover" circuit to the CHECKOFF MOTOR.

### SEQUENCE NO. 9 • WRITE-IN CARRIAGES SCAN AND INDEX

The SELECTOR WRITE-IN MOTOR NO. 6 rotates an arm that has a CARRIAGE (NO. 2) attached to each end. Each of these carriages has an associated set of WIPERS or BRUSHES (NO. 1) that make connection with various contacts and segments on the printed circuit disc as the arm rotates. Note that the two wipers and carriages are located 180 degrees apart.

The write-in sequences are best explained by an example: in this case SELECTION A-1 is illustrated. The closing of PUSHBUTTON NO. 1 makes a connection to PRINTED CIRCUIT DISC "SEGMENT" NO. 1; likewise the closing of PUSHBUTTON 'A' makes a connection to a series of eight contacts which are internally connected in the selector. The rotating carriage-wiper assemblies scan until a bridging "bar" across two individual wipers locate a "live" contact rivet and segment. This completes a circuit to the STOP RELAY COIL NO. 3. Note that the maximum rotation of the selector arm is never more than 180 degrees per selection; this is a result of the use of two carriage-wiper assemblies.

The energized STOP RELAY contacts NO. 4, NO. 5 and NO. 7 transfer. Contact NO. 5 disconnects the A.C. power source to the WRITE-IN MOTOR and connects it to a D.C. source thru the CURRENT LIMITING LAMP NO. 8. This action brakes the motor, stopping the rotation of the carriage assemblies. Contact NO. 7 connects a holding circuit to the STOP RELAY COIL NO. 3.



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STOP  
RELAY

WRITE IN  
RELAY

CHECKOFF  
RELAY

### CHECKOFF MOTOR

ADR  
RELAY

CHECKOFF  
MOTOR CAM

N C

N.C.

SELECTION  
IMPULSE  
SWITCH

LOCKBAR  
SOLENOID

NUMBER PUSHBUTTON SWITCH (4TH LEVEL)

STD

ALB

## NUMBER AND LETTER LATCH SWITCHES

CHECK OFF  
RELAY

ND

ALBUM  
CREDIT

3 OR  
MORE  
CREDITS

LESS  
THAN 3  
CREDITS

CHECKOFF  
RELAY

1

63 V.A.C.

"SINGLES ONLY"  
SELECT LITE

PUSHBUTTON  
RESET SWITCH.

ACCUMULATOR  
CREDIT  
SWITCHES

WRITE IN  
RELAY

ALBUM  
CHECK OFF  
RELAY

CHECKOFF  
MOTOR CAM

ITE IN  
ELAY

"ALBUM"  
SELECT  
LITE

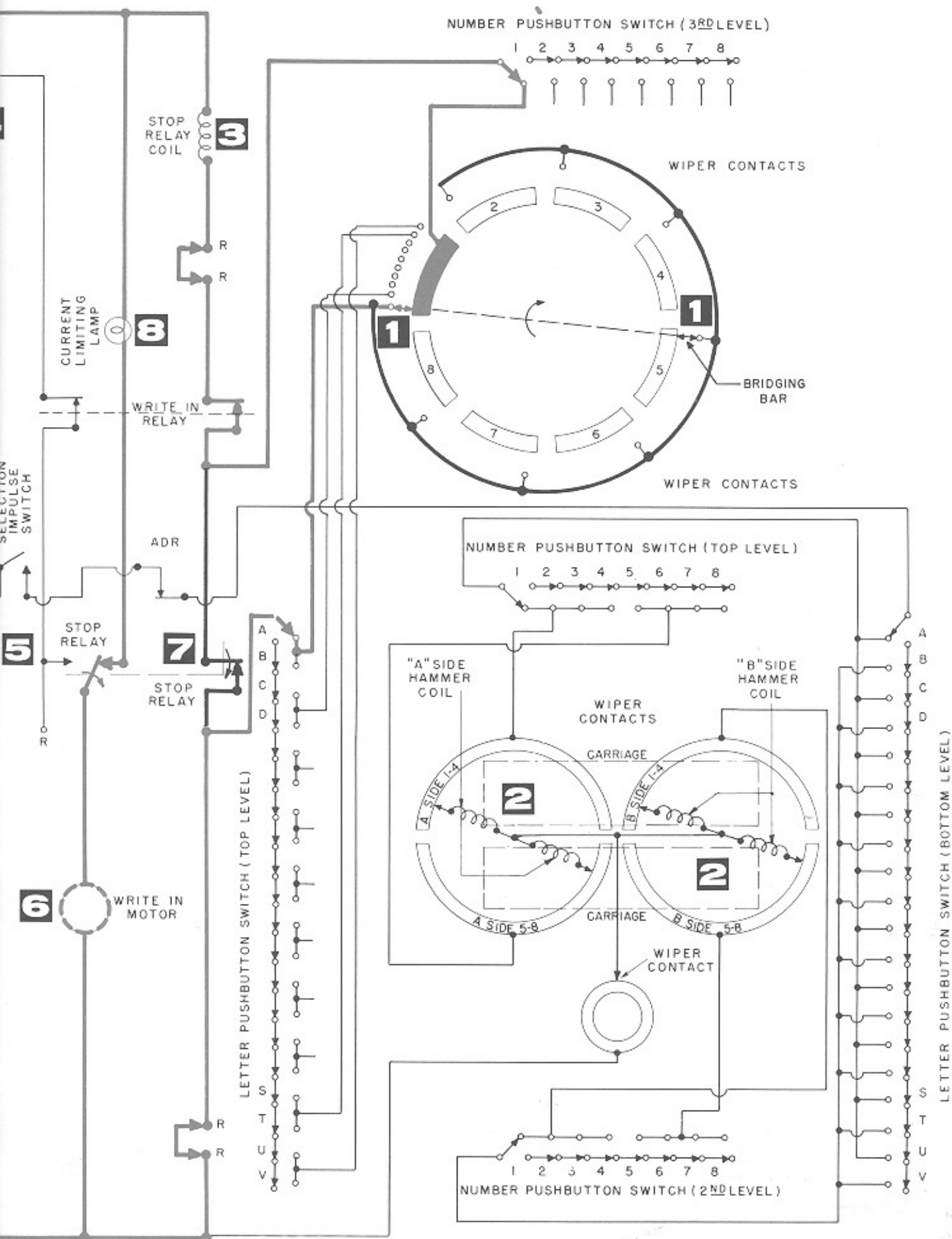
ITE  
51

ACCUMULATOR  
RESET COIL

WOBBLE PLATE  
SOLENOID

ADR

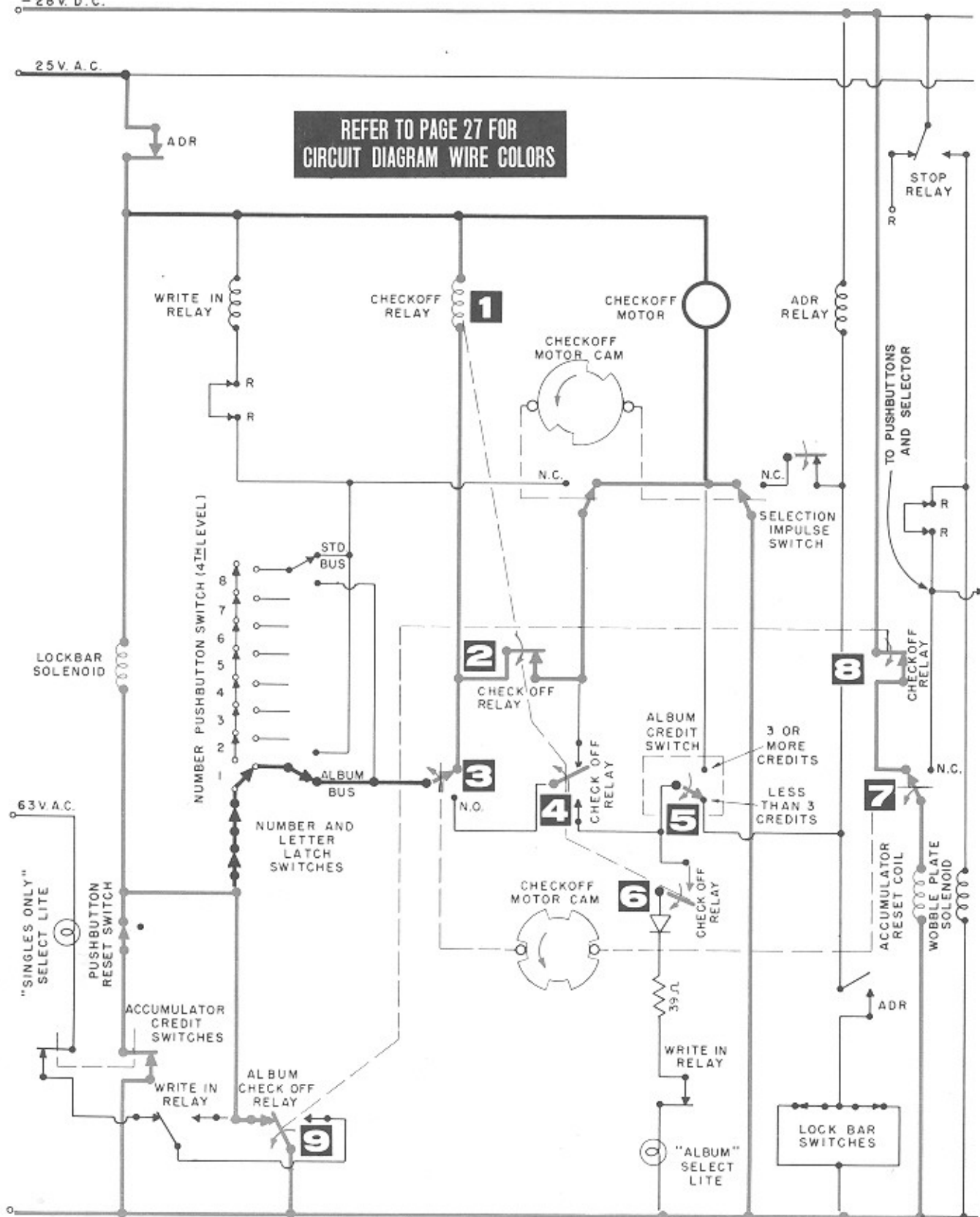
## LOCK BAR SWITCHES



-28V. D.C.

25V. A.C.

REFER TO PAGE 27 FOR  
CIRCUIT DIAGRAM WIRE COLORS





#### SEQUENCE NO. 4 • CHECKOFF RELAY OPERATES, ONE CREDIT REMOVED FROM THE ACCUMULATOR

The second CHECKOFF MOTOR CAM now transfers switches NO. 3 and NO. 7. These two switches will each be pulsed twice during 180 degree rotation of the motor cam. On the first transfer of switch NO. 3, CHECKOFF RELAY NO. 1 is energized. Relay contacts NOS. 2, 6, 8, and 9 transfer.

Contact NO. 2 completes a holding circuit to the CHECKOFF RELAY NO. 1 as shown. The checkoff relay will now remain energized until the last credit is removed from the ACCUMULATOR and a selection is registered on the SELECTOR.

Contact NO. 7 pulses the ACCUMULATOR RESET COIL thru the checkoff relay contact NO. 8 removing one credit from the MASTER RATCHET which may or may not return the ALBUM CREDIT SWITCH NO. 5 to "less than three credits" position. (Example shows switch returning.)

Contact NO. 9 closes a circuit to the LOCKBAR SOLENOID around the PUSHBUTTON RESET SWITCH which now becomes inoperative.

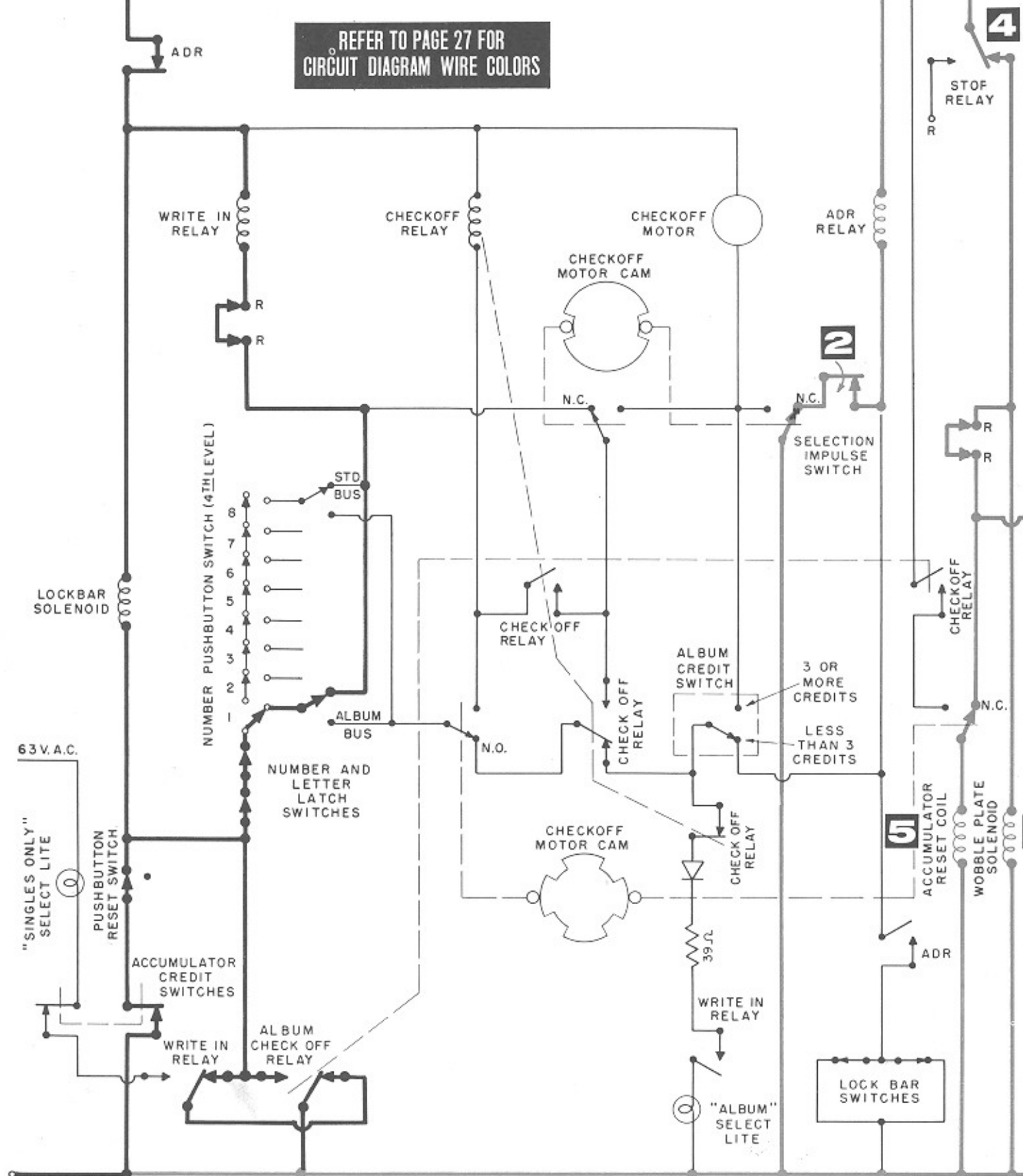
#### SEQUENCE NO. 10 • SELECTION LEVER REGISTERED

The transferred STOP RELAY contact NO. 4 connects circuits to the ACCUMULATOR RESET COIL NO. 5 and SELECTOR WOBBLE PLATE SOLENOID NO. 6. The ACCUMULATOR RESET COIL armature closes a ganged section of two SELECTION IMPULSE SWITCHES NO. 1 and NO. 2 and removes one credit from the ACCUMULATOR. Contact NO. 1 completes a circuit to the WRITE-IN CARRIAGE SOLENOID NO. 3 causing the SELECTOR LEVER to be moved into play position. Contact NO. 2 connects a circuit to the ATTRACT DELAY RELAY (ADR). Although the circuit is completed to this relay the construction is such that "pull-in" is delayed for 1/20 of a second.

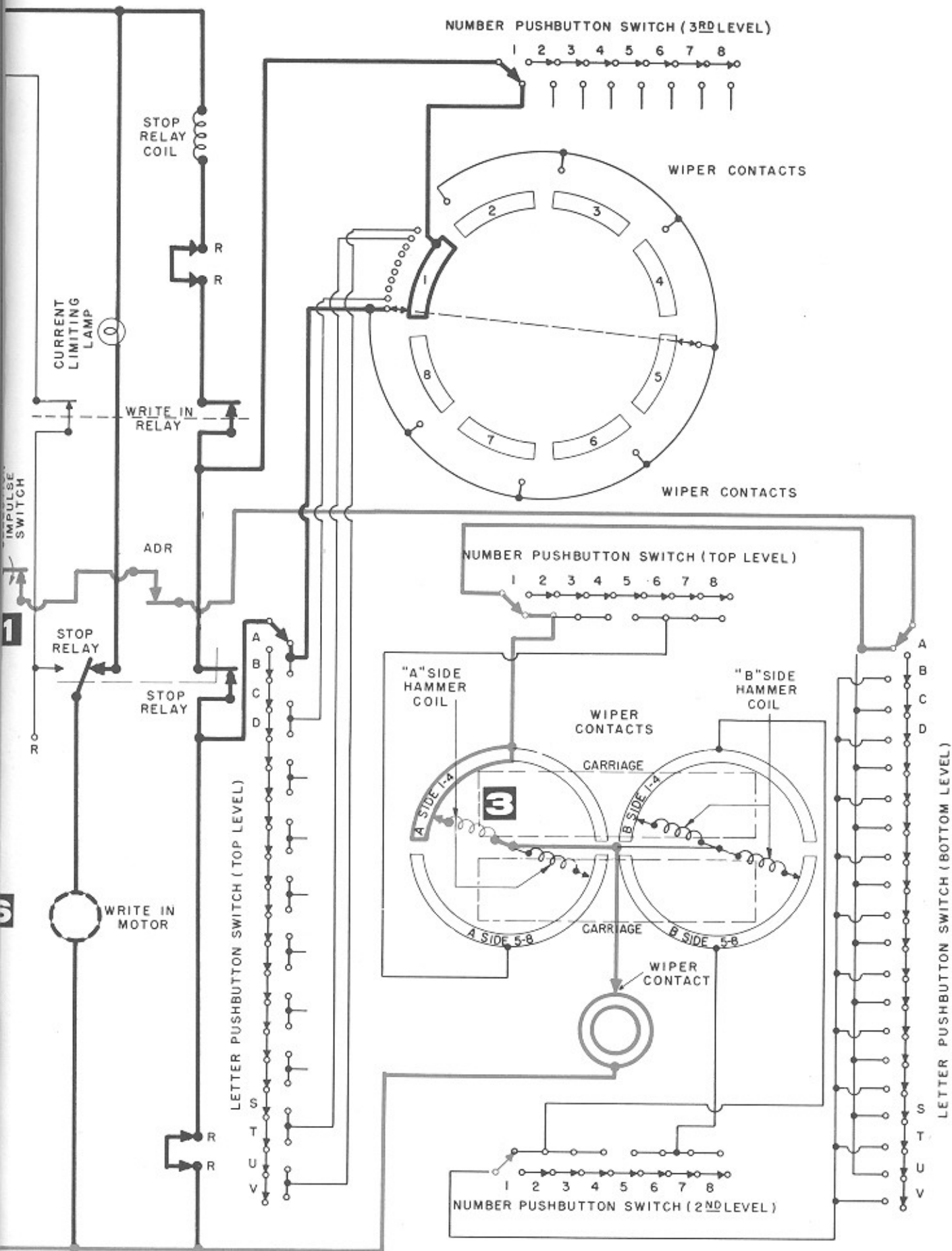
- 28 V. D. C.

25 V. A. C.

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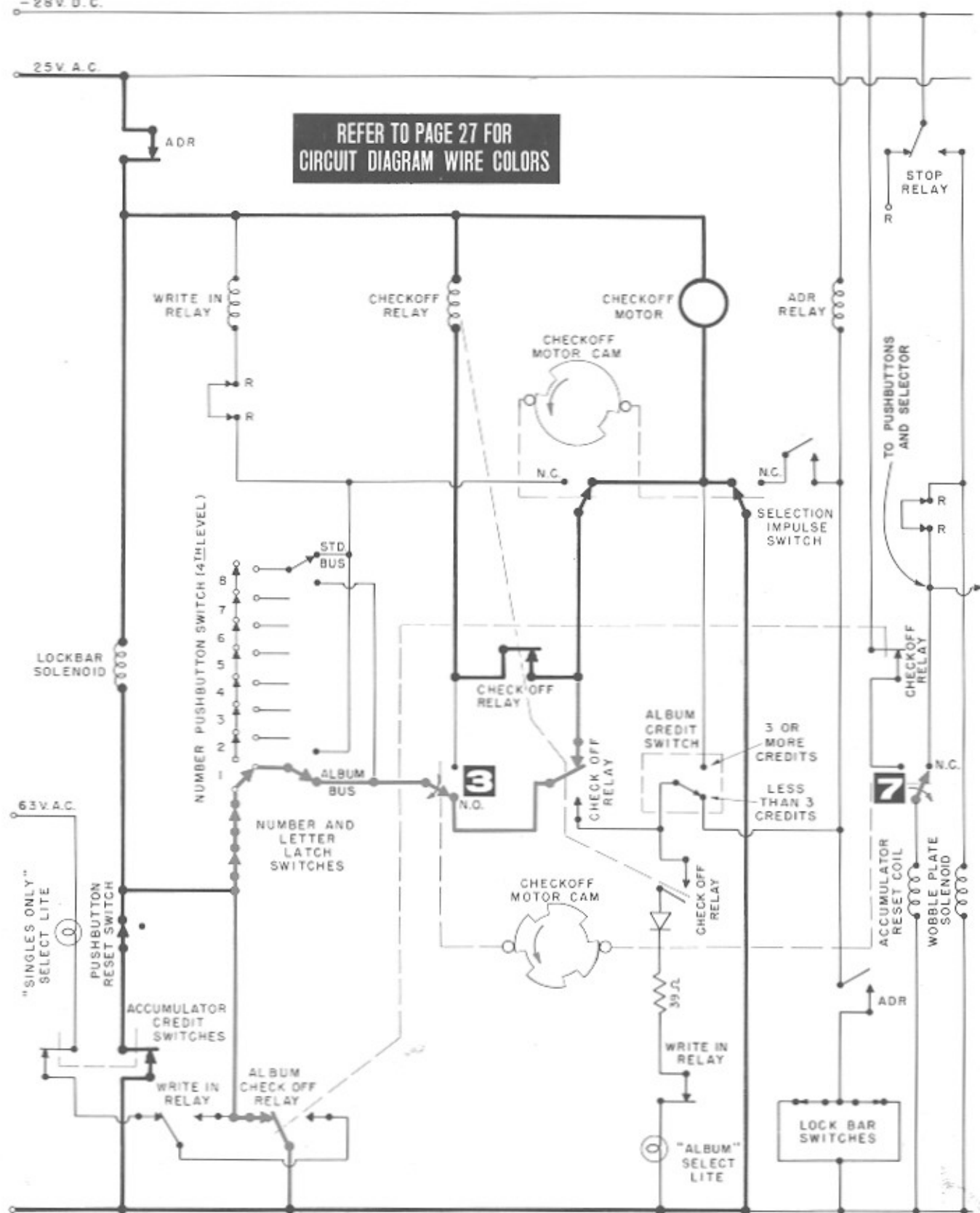




- 28V. D.C.

25V. A.C.

REFER TO PAGE 27 FOR  
CIRCUIT DIAGRAM WIRE COLORS





**SEQUENCE NO. 5 • SECOND CREDIT REMOVED FROM  
THE ACCUMULATOR**

At the completion of the next pulse to the ACCUMULATOR RESET COIL, THE SECOND CREDIT IS REMOVED and contacts NO. 3 and NO. 7 are returned to their normal position.

**SEQUENCE NO. 11 • COMPLETION OF FIRST  
SELECTION SEQUENCE**

The ADR RELAY NO. 2 now energized transfers switches NO. 1, NO. 3 and NO. 4. The "lock-up" action of switches NO. 7 and NO. 8 is such that the ADR RELAY cannot de-energize until every PUSHBUTTON is released. Not until all PUSHBUTTONS are released, all the circuit switches and relays return to machine standby condition and ready for the next selection if the ACCUMULATOR SWITCHES are still closed.

28V. D.C.

25V. A.C.

63V. A.C.

REFER TO PAGE 27 FOR  
CIRCUIT DIAGRAM WIRE COLORS

1 ADR

WRITE IN RELAY

CHECKOFF RELAY

CHECKOFF MOTOR

2 ADR RELAY

CHECKOFF MOTOR CAM

N.C.

SELECTION IMPULSE SWITCH

LOCKBAR SOLENOID

NUMBER PUSHBUTTON SWITCH (4TH LEVEL)

STD BUS

ALBUM BUS

NUMBER AND LETTER LATCH SWITCHES

CHECK OFF RELAY

CHECK OFF RELAY

ALBUM CREDIT SWITCH

3 OR MORE CREDITS

LESS THAN 3 CREDITS

CHECK OFF RELAY

CHECKOFF MOTOR CAM

39 Ω

WRITE IN RELAY

"ALBUM" SELECT LITE

ACCUMULATOR RESET COIL

WOBBLE PLATE SOLENOID

4 ADR

8

7

LOCK BAR SWITCHES

28V. D.C.

25V. A.C.

63V. A.C.

REFER TO PAGE 27 FOR  
CIRCUIT DIAGRAM WIRE COLORS

1 ADR

WRITE IN RELAY

CHECKOFF RELAY

CHECKOFF MOTOR

2 ADR RELAY

CHECKOFF MOTOR CAM

N.C.

SELECTION IMPULSE SWITCH

LOCKBAR SOLENOID

NUMBER PUSHBUTTON SWITCH (4TH LEVEL)

STD BUS

ALBUM BUS

NUMBER AND LETTER LATCH SWITCHES

CHECK OFF RELAY

CHECK OFF RELAY

ALBUM CREDIT SWITCH

3 OR MORE CREDITS

LESS THAN 3 CREDITS

CHECK OFF RELAY

CHECKOFF MOTOR CAM

39 Ω

WRITE IN RELAY

"ALBUM" SELECT LITE

ACCUMULATOR RESET COIL

WOBBLE PLATE SOLENOID

4 ADR

8

7

LOCK BAR SWITCHES

28 V. D. C.

25 V. A. C.

63 V. A. C.

REFER TO PAGE 27 FOR  
CIRCUIT DIAGRAM WIRE COLORS

1 ADR

WRITE IN RELAY

CHECKOFF RELAY

CHECKOFF MOTOR

2 ADR RELAY

CHECKOFF MOTOR CAM

N.C.

SELECTION IMPULSE SWITCH

LOCKBAR SOLENOID

NUMBER PUSHBUTTON SWITCH (4TH LEVEL)

STD BUS

ALBUM BUS

NUMBER AND LETTER LATCH SWITCHES

CHECK OFF RELAY

CHECK OFF RELAY

ALBUM CREDIT SWITCH

3 OR MORE CREDITS

LESS THAN 3 CREDITS

CHECK OFF RELAY

CHECKOFF MOTOR CAM

39 Ω

WRITE IN RELAY

"ALBUM" SELECT LITE

ACCUMULATOR RESET COIL

WOBBLE PLATE SOLENOID

4 ADR

8

7

LOCK BAR SWITCHES

The diagram illustrates the electrical wiring for a slot machine, featuring several key components and their interconnections:

- Power Sources:** The system is powered by three main sources: -28 V. D.C., 25 V. A.C., and 63 V. A.C.
- Relays:** Multiple relays are shown, including "WRITE IN RELAY," "CHECKOFF RELAY," "CHECKOFF MOTOR CAM," "STOP RELAY," "ALBUM CREDIT SWITCH," "CHECK OFF RELAY," "ACCUMULATOR RESET COIL," and "LOCK BAR SWITCHES." Some relays are labeled with numbers like 1, 2, 4, 7, and 8.
- Motors and Solenoids:** Components include the "CHECKOFF MOTOR," "CHECKOFF MOTOR CAM," "LOCKBAR SOLENOID," "WOBBLE PLATE SOLENOID," and "ACCUMULATOR RESET COIL."
- Switches:** Various switches are used for control, such as "NUMBER PUSHBUTTON SWITCH (4TH LEVEL)," "PUSHBUTTON RESET SWITCH," "SELECTION IMPULSE SWITCH," "3 OR MORE CREDITS," "LESS THAN 3 CREDITS," "ALBUM CHECK OFF RELAY," and "LOCK BAR SWITCHES."
- Control Logic:** The diagram shows complex logic involving "N.O." (Normally Open) and "N.C." (Normally Closed) contacts, "R" (Reset) terminals, and "S.D.BUS" (Standard Bus).
- Lighting:** Two select lights are indicated: "'SINGLES ONLY' SELECT LITE" and "'ALBUM' SELECT LITE."

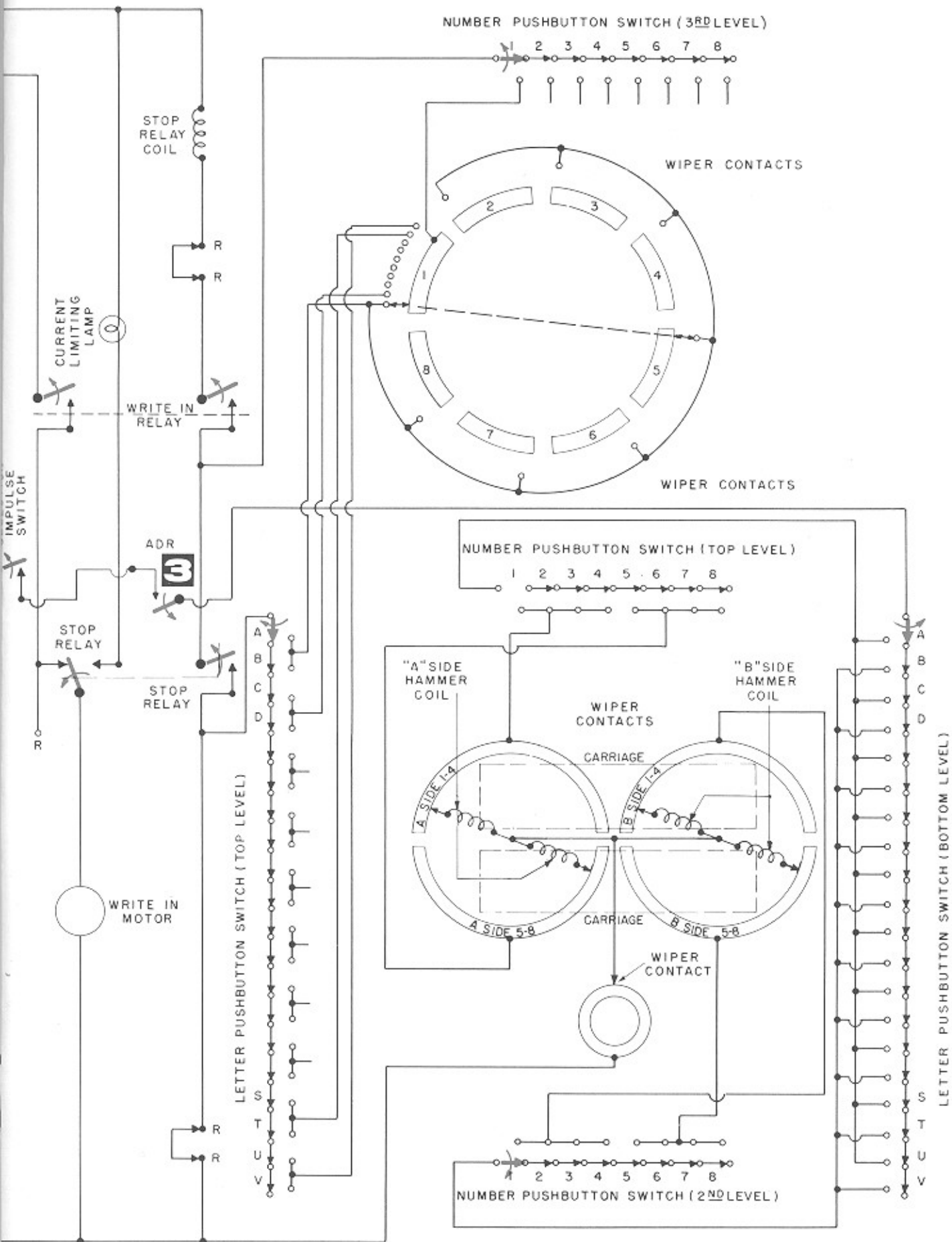
A note at the top center states: "REFER TO PAGE 27 FOR CIRCUIT DIAGRAM WIRE COLORS".

[illegible]

**REFER TO PAGE 27 FOR  
CIRCUIT DIAGRAM WIRE COLORS**

The diagram illustrates the electrical control system for a slot machine, featuring the following components and connections:

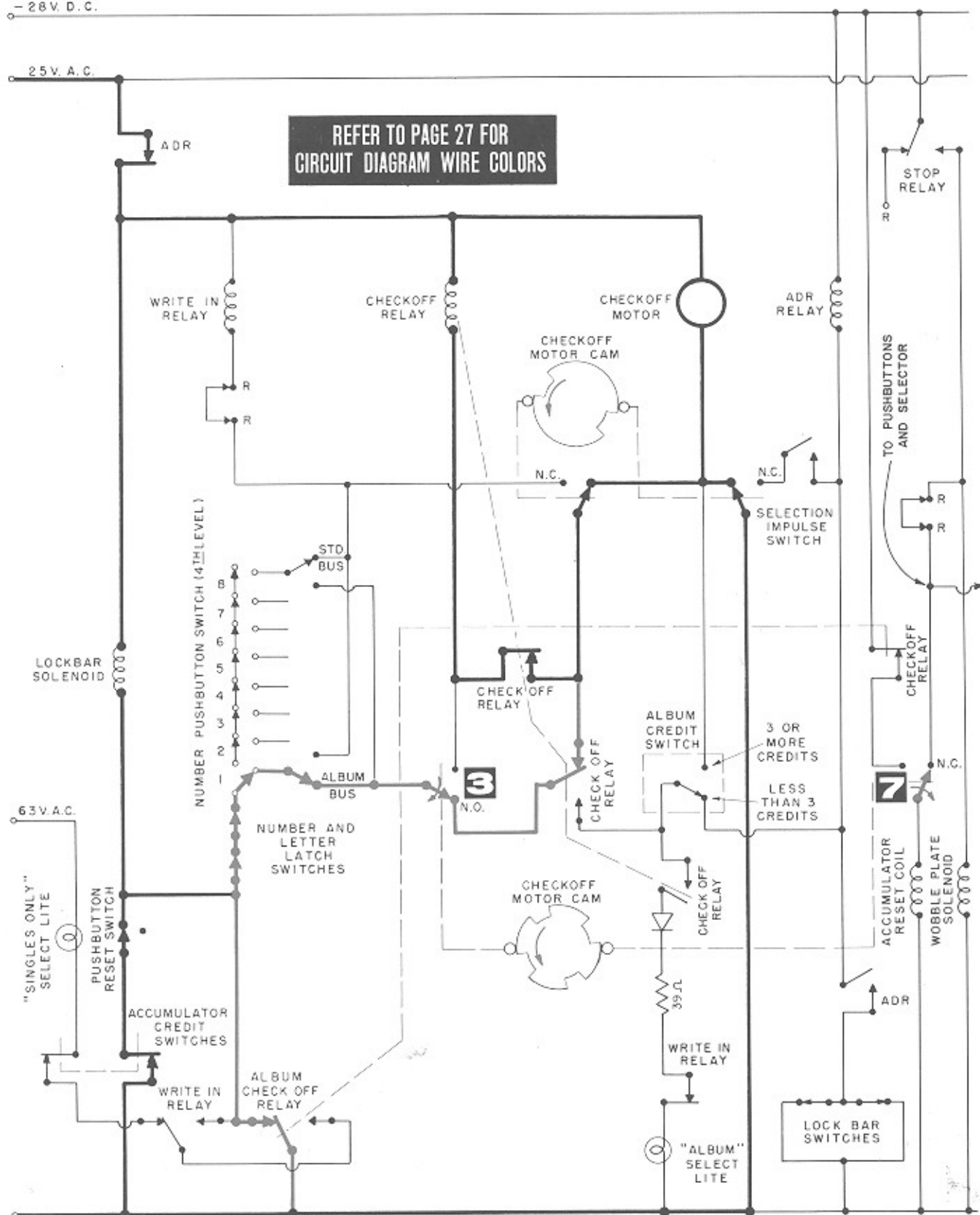
- Power Sources:** 25 V. A.C. and 63 V. A.C. lines at the top.
- Relays:** WRITE IN RELAY, CHECKOFF RELAY, CHECKOFF MOTOR, and STOP RELAY.
- Switches:** NUMBER PUSHBUTTON SWITCH (4TH LEVEL), LOCKBAR SOLENOID, PUSHBUTTON RESET SWITCH, ACCUMULATOR CREDIT SWITCHES, ALBUM CHECK OFF RELAY, ALBUM CREDIT SWITCH, 3 OR MORE CREDITS, LESS THAN 3 CREDITS, SELECTION IMPULSE SWITCH, and LOCK BAR SWITCHES (8 and 7).
- Motors and Solenoids:** CHECKOFF MOTOR CAM, ACCUMULATOR RESET COIL, and WOBBLE PLATE SOLENOID.
- Wiring and Connections:** The diagram shows complex wiring paths, including N.C. (Normally Closed) and N.O. (Normally Open) contacts, and a 39 Ω resistor.
- Labels and Markers:** Numbers 1, 2, 4, 7, and 8 are used as markers for specific components or connection points.



- 28 V. D.C.

25 V. A.C.

REFER TO PAGE 27 FOR  
CIRCUIT DIAGRAM WIRE COLORS





**SEQUENCE NO. 5 • SECOND CREDIT REMOVED FROM  
THE ACCUMULATOR**

At the completion of the next pulse to the ACCUMULATOR RESET COIL, THE SECOND CREDIT IS REMOVED and contacts NO. 3 and NO. 7 are returned to their normal position.

**SEQUENCE NO. 11 • COMPLETION OF FIRST  
SELECTION SEQUENCE**

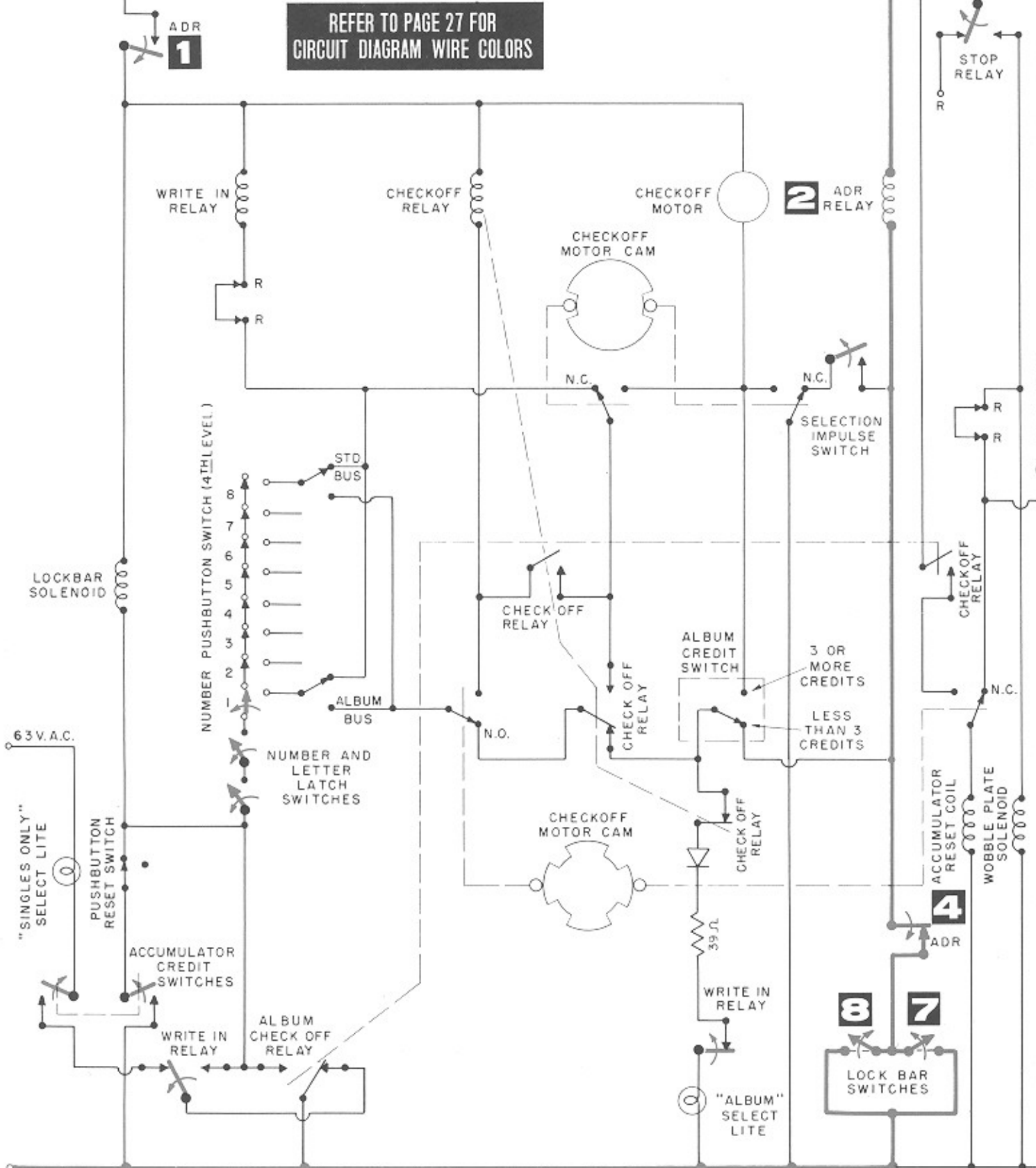
The ADR RELAY NO. 2 now energized transfers switches NO. 1, NO. 3 and NO. 4. The "lock-up" action of switches NO. 7 and NO. 8 is such that the ADR RELAY cannot de-energize until every PUSHBUTTON is released. Not until all PUSHBUTTONS are released, all the circuit switches and relays return to machine standby condition and ready for the next selection if the ACCUMULATOR SWITCHES are still closed.

- 28 V. D.C.

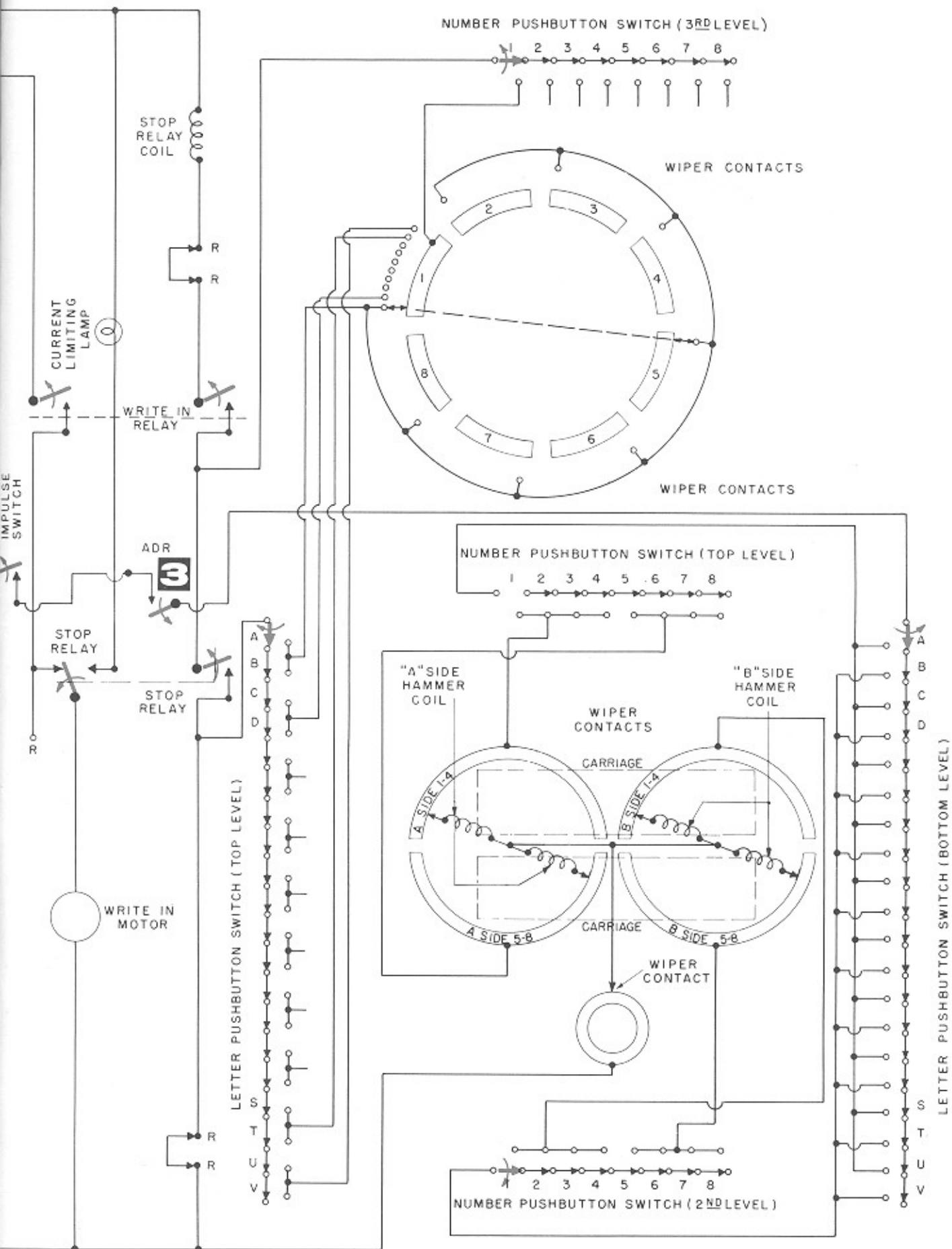
25 V. A.C.

63 V. A.C.

REFER TO PAGE 27 FOR  
CIRCUIT DIAGRAM WIRE COLORS











#### SEQUENCE NO. 6 • ALBUM CHECKOFF CYCLE COMPLETED

The album cycle is completed when the CHECKOFF MOTOR CAM NO. 8 returns cam switches NO. 2 and NO. 3 to their normal position thus completing a cam cycle of 180 degrees.

The transferred NO. 3 switch now completes a circuit to the WRITE-IN RELAY NO. 4 and from this point on, the selection cycle is identical with that of a "STANDARD SELECTION" starting with SEQUENCE NO. 8.