

SECTION VII MERCHANDISER CIRCUITRY

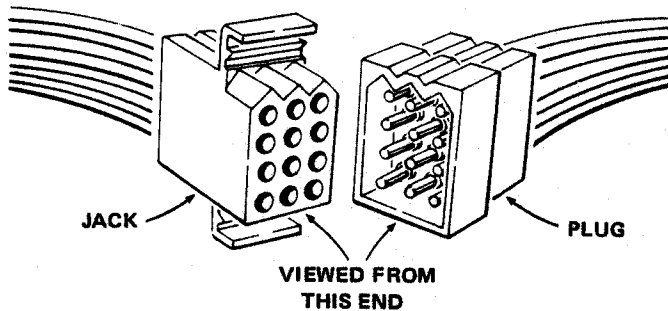
This Section is for use in making a check of the Harnesses and Electrical Components in the Merchandiser.

WARNING

WHEN MAKING A CONTINUITY CHECK OF THE MERCHANDISER:

- a. **UNPLUG THE MACHINE SERVICE CORD.**
- b. **DO NOT USE AN INCANDESCENT LAMP OR JUMPER WIRE, MAKE ALL TESTS WITH AN OHMMETER.**

NOTE



Plugs and Receptacles as shown in Figure 7-1 are viewed from the end to make pin location easier.

Figure 7-1 is a Cable Routing Chart, which lists the Plugs and Jacks in numerical order.

Figure 7-2 is a pictorial interconnector diagram to aid in the location of the various plugs, jacks, switches, etc.

Figure 7-3 is the Coin Mechanism Schematic Diagrams.

Figure 7-4 is the Merchandiser Wiring Diagram.

Figure 7-5 is the Merchandiser Schematic Diagram.

The abbreviated color code used in the diagrams is shown in the following list. When two colors are shown the first color is the solid color of the wire and the second color is the color of the stripe (e.g. Blk-Wht is a black wire with white stripes). A color with a number indicates that a number is printed on the wire. (e.g. Blk 15 is a black wire with the number 15 printed on the wire).

"Abbreviation"	—	"Color"
BLK	—	Black
BLU	—	Blue
BRN	—	Brown
GND	—	Ground
GRN	—	Green
GY	—	Gray
ORN	—	Orange
PINK	—	Pink
PR	—	Purple
RED	—	Red
TAN	—	Tan
WHT	—	White
YEL	—	Yellow

JACKS

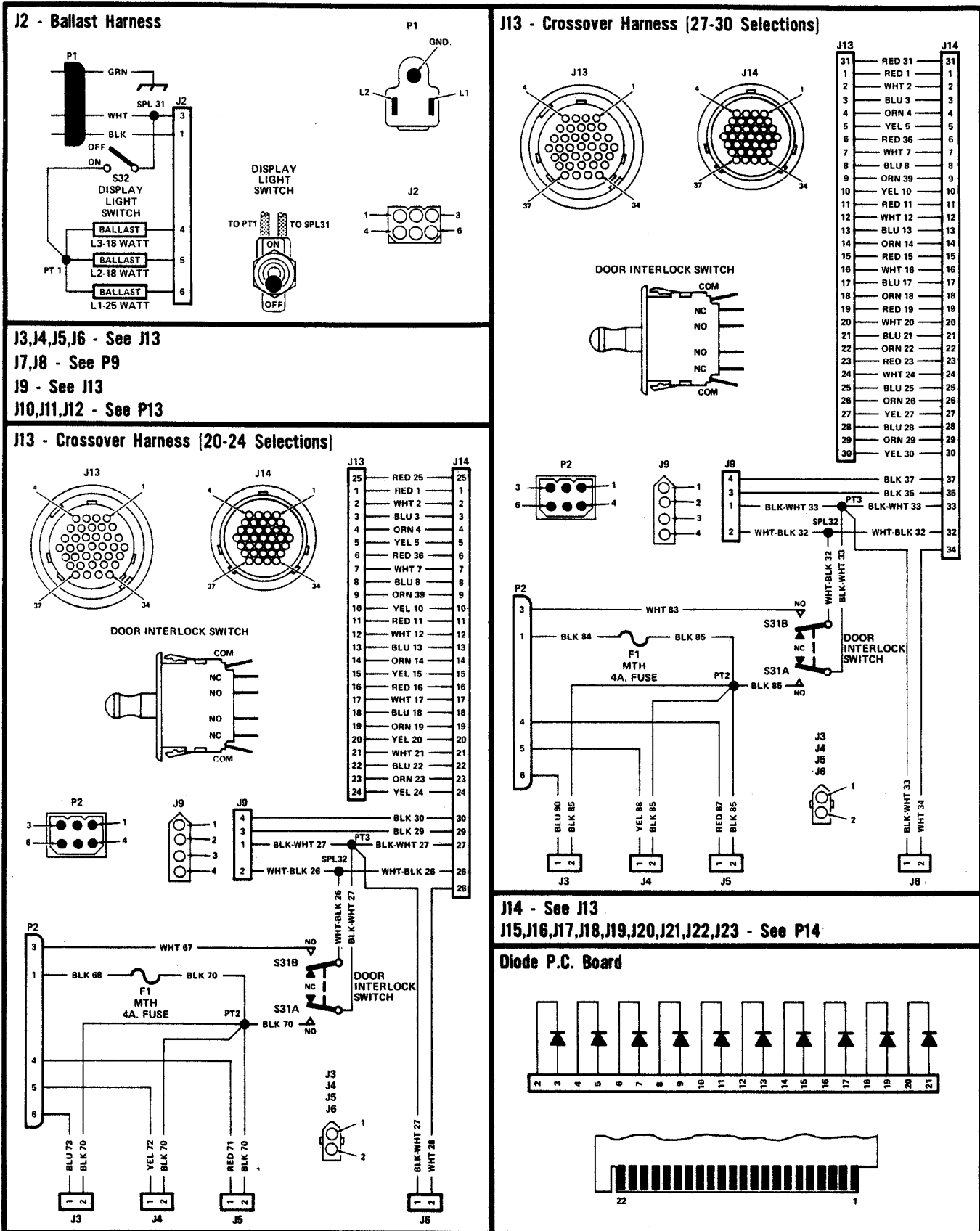
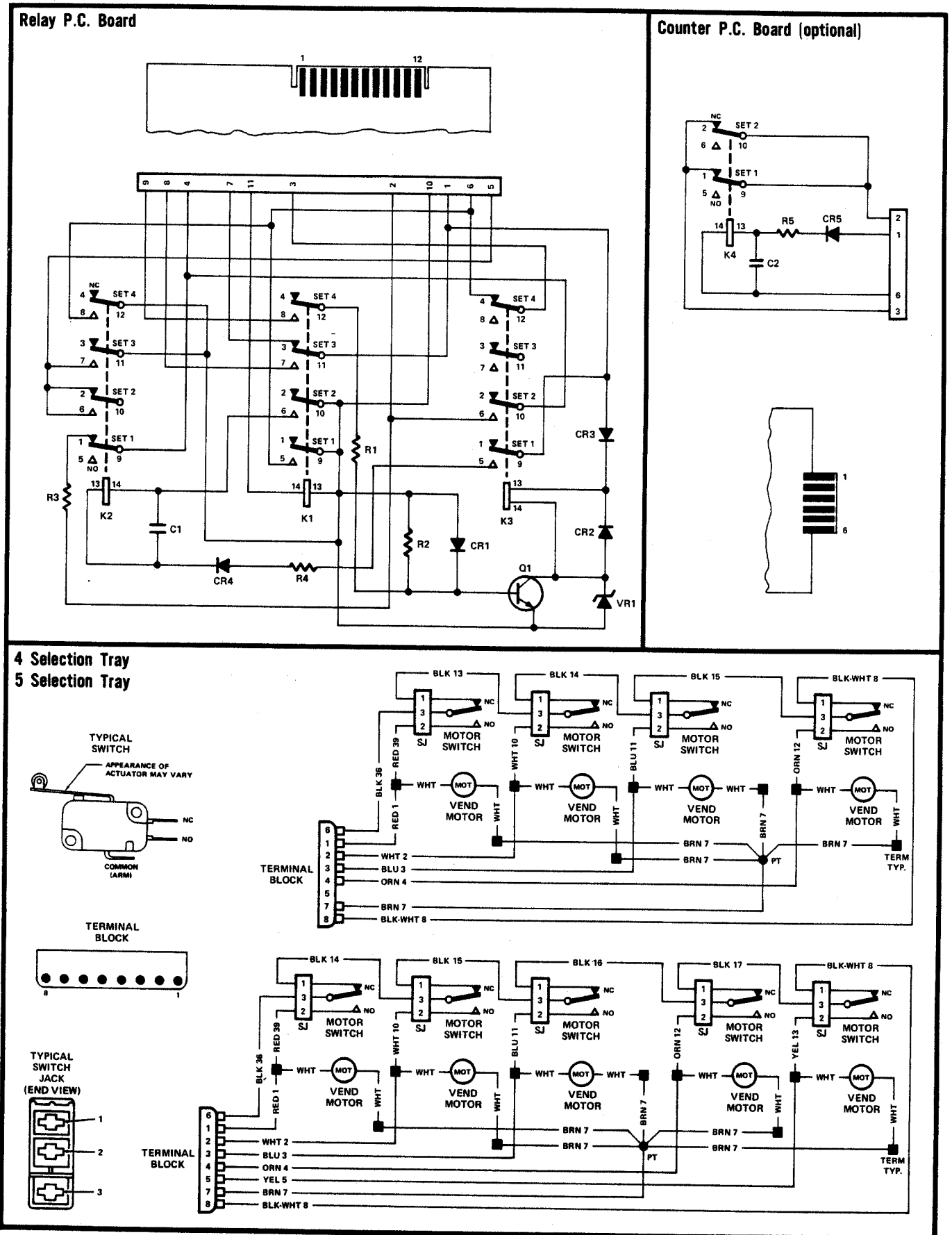


Figure 7-1. Cable Routing Chart (1 of 8)



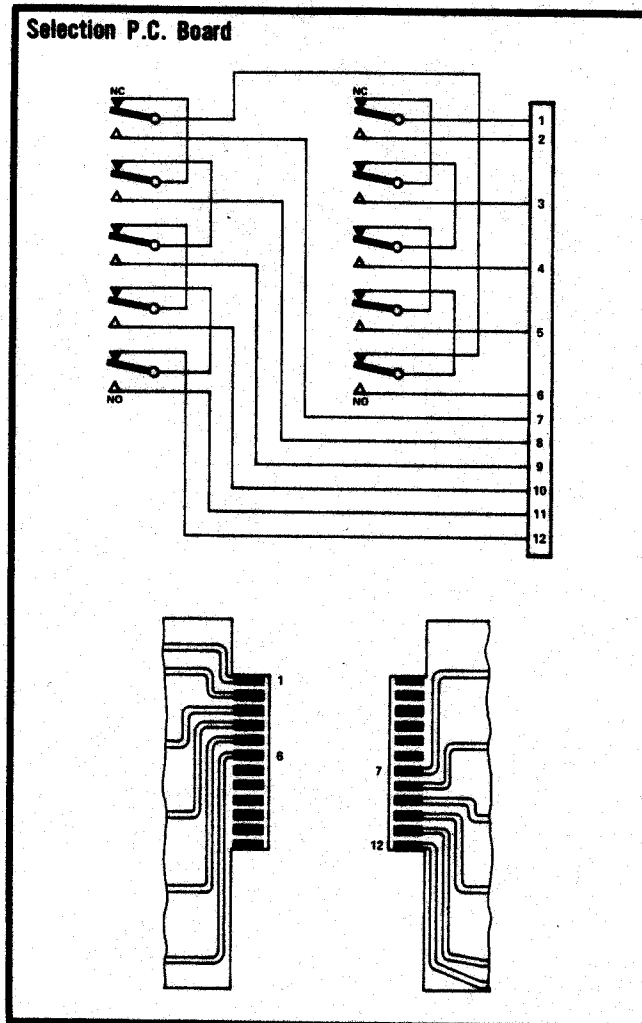
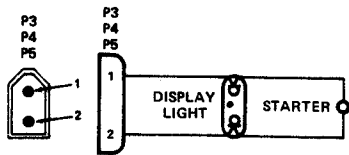


Figure 7-1. Cable Routing Chart (3 of 8)

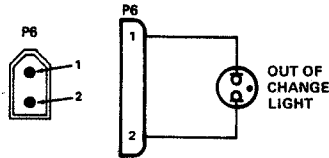
PLUGS

P1 - See J2
P2 - See J13

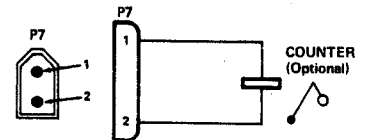
P3 - 25 Watt Display Light
P4 - 18 Watt Display Light
P5 - 18 Watt Display Light



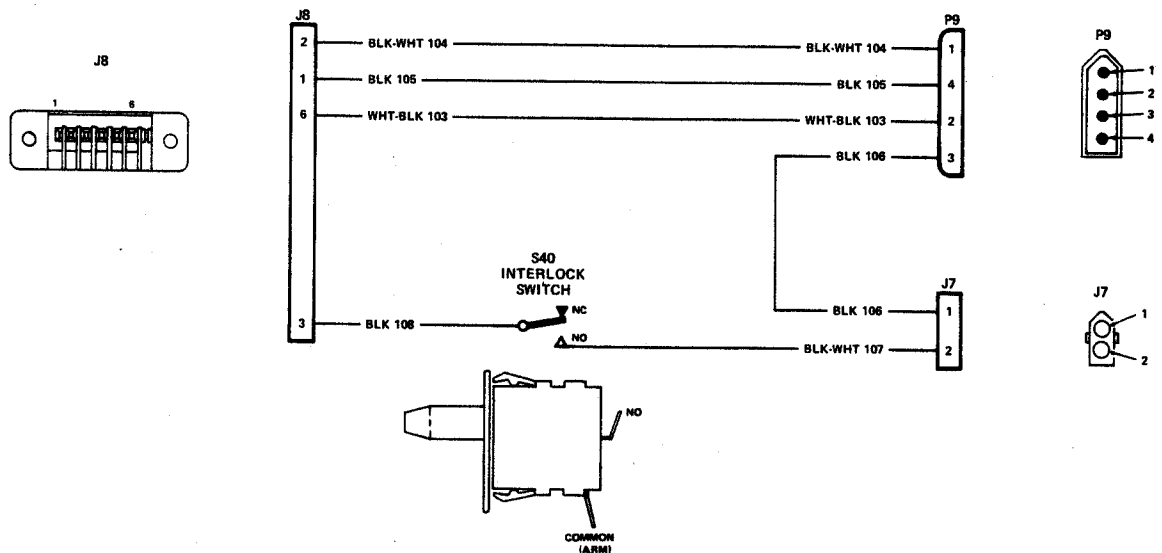
P6 - Out of Change Light



P7 - Counter (optional)

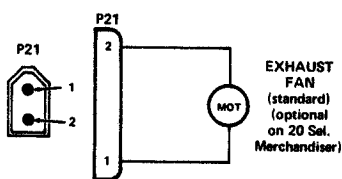


P9 - Counter Harness (optional)

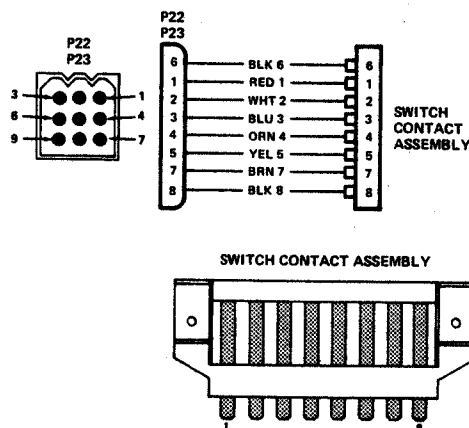


P13,P14 - See following pages

P21 - Exhaust Fan



P22,P23 - Contact Block Jumper



P23 - Jumper Plug

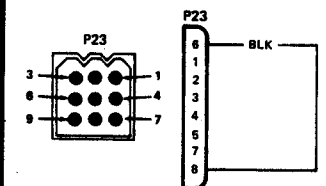


Figure 7-1. Cable Routing Chart (4 of 8)

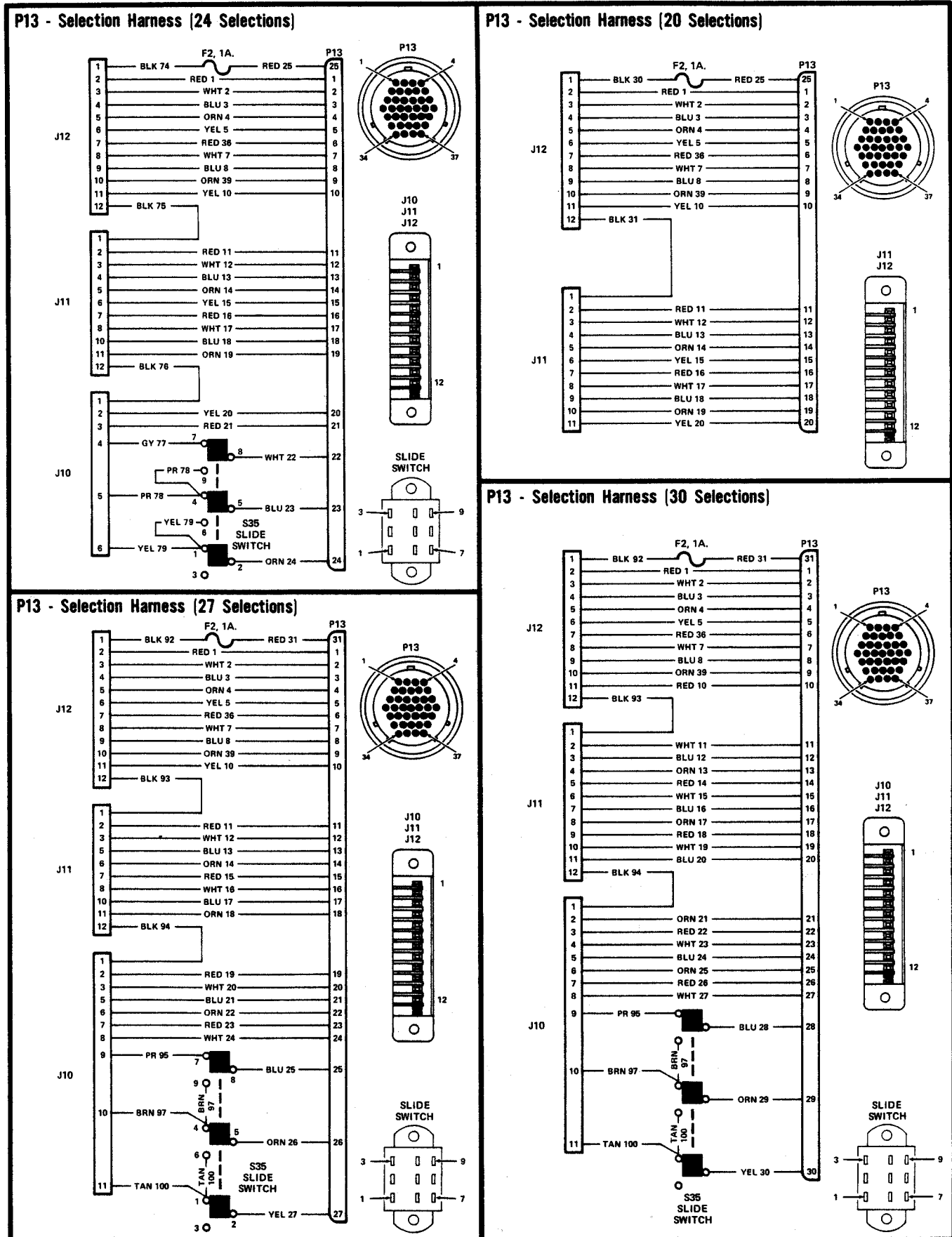


Figure 7-1. Cable Routing Chart (5 of 8)

P14 - Cabinet Harness (20-24 Selections)

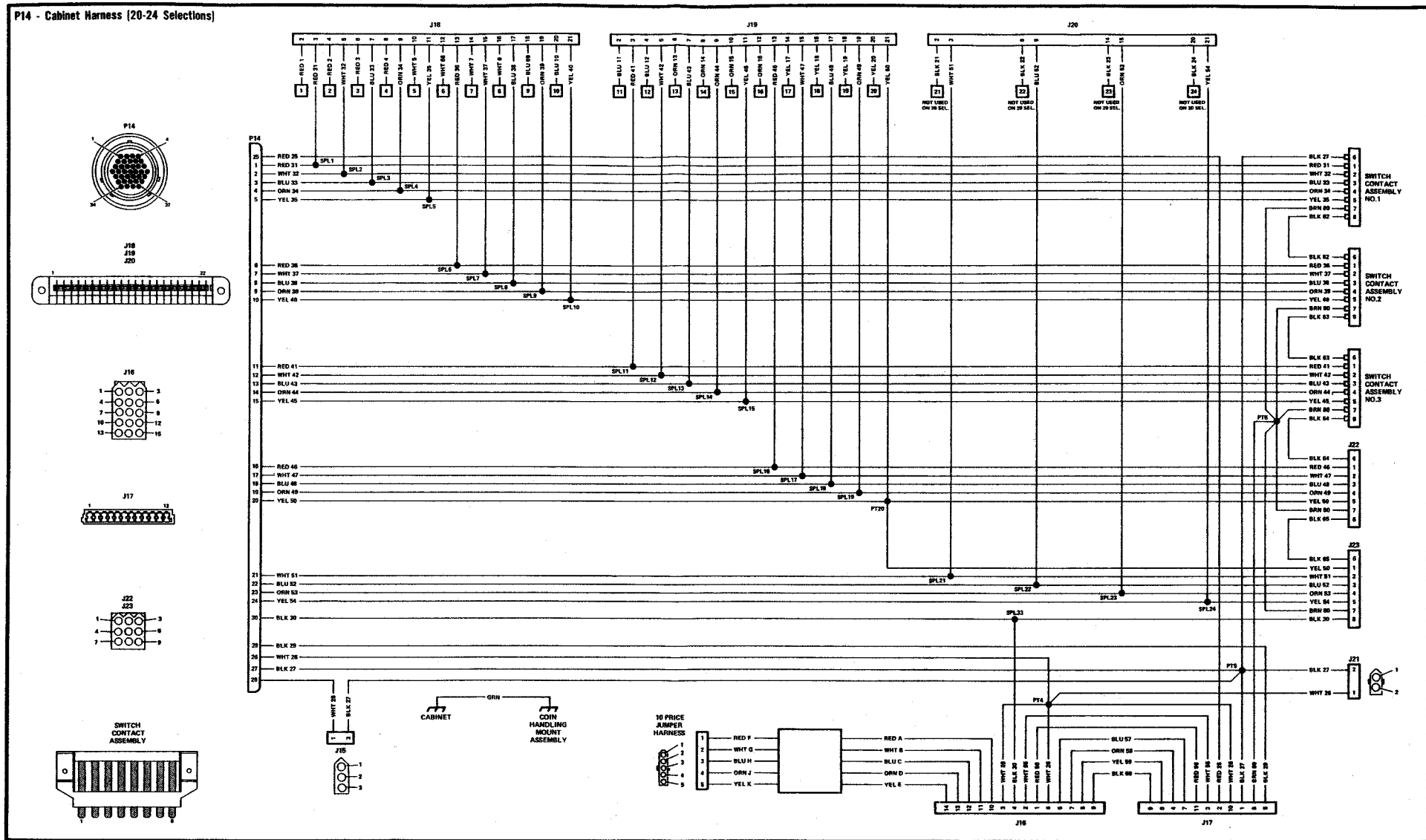


Figure 7-1. Cable Routing Chart (6 of 8)

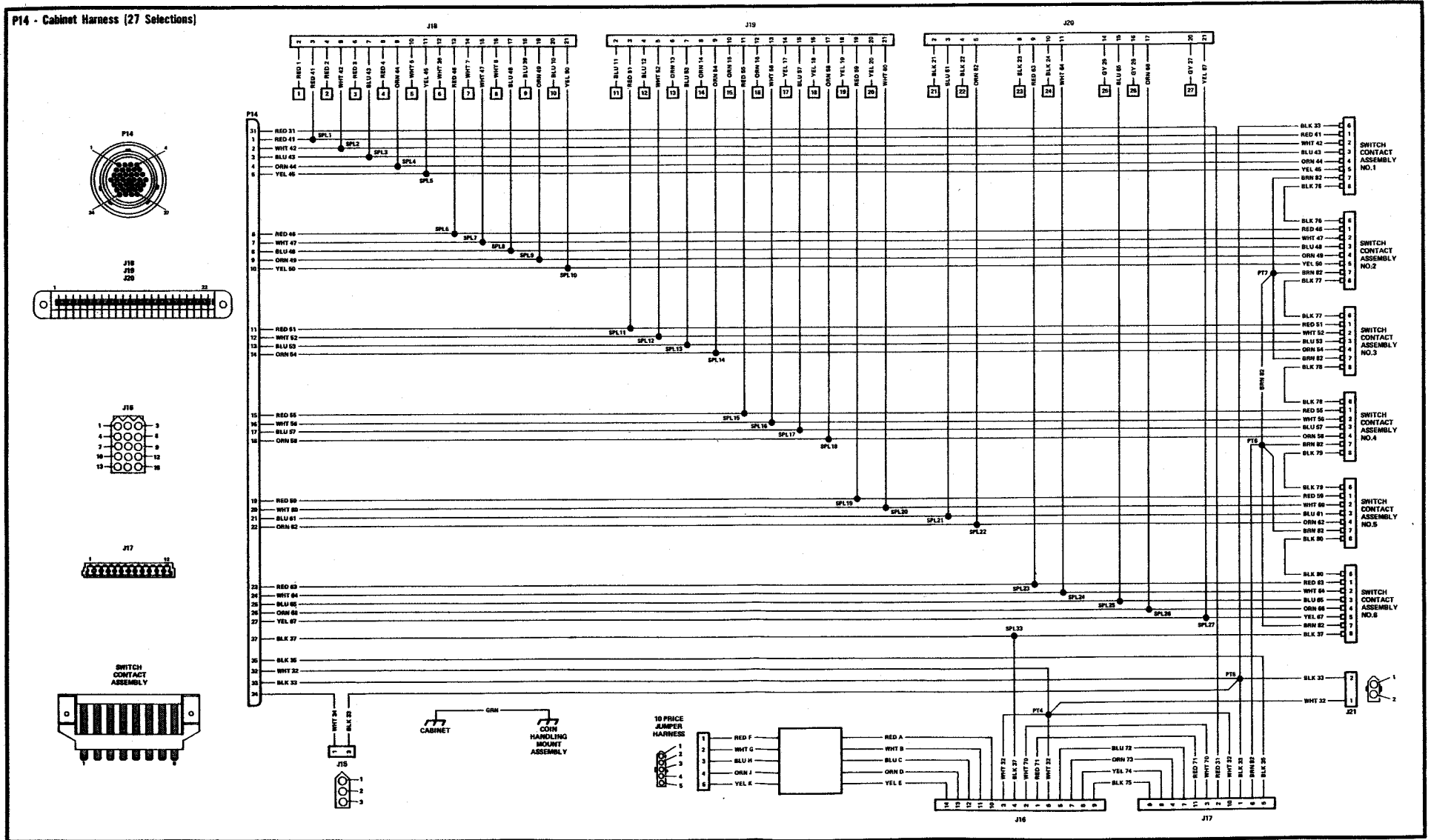


Figure 7-1. Cable Routing Chart (7 of 8)

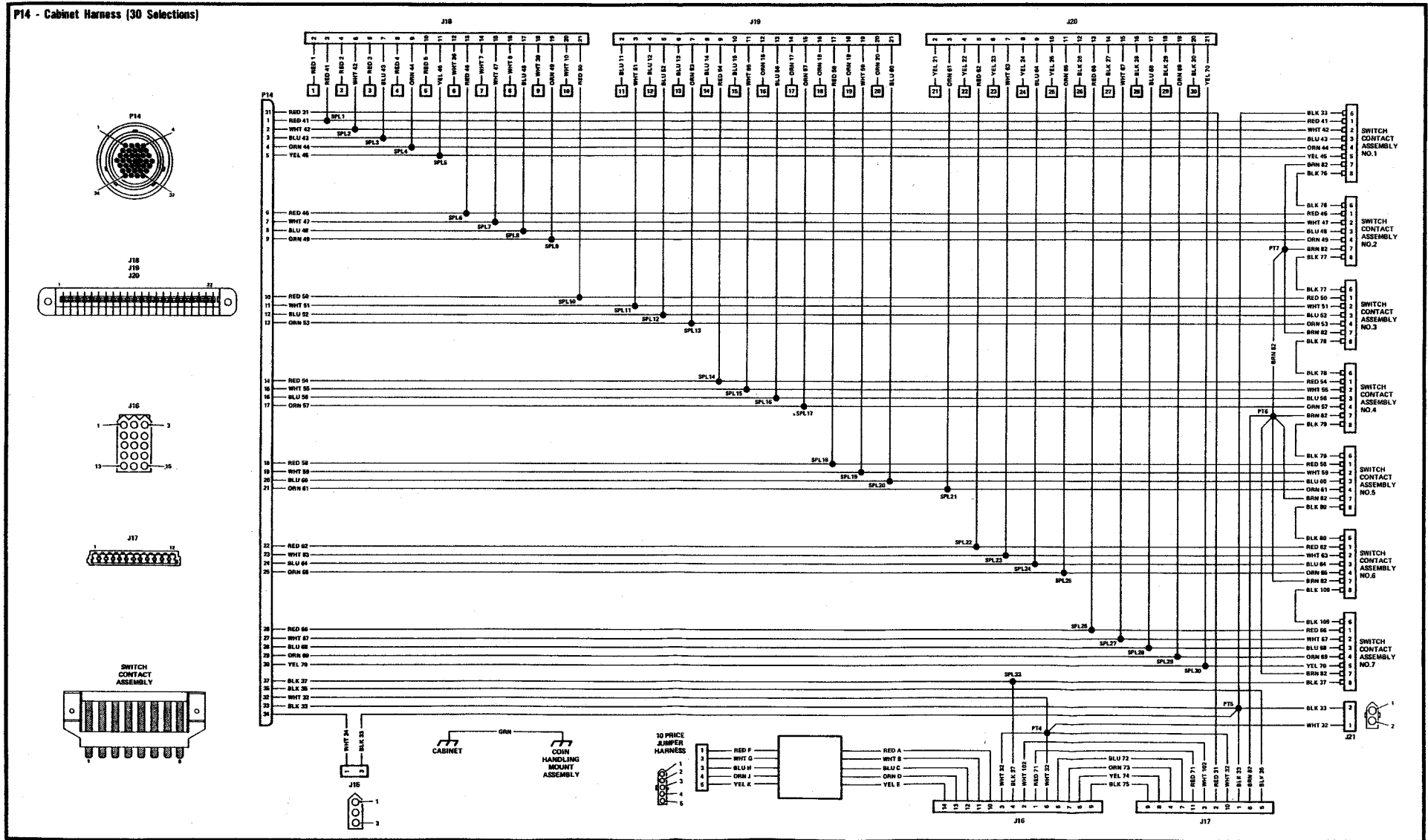
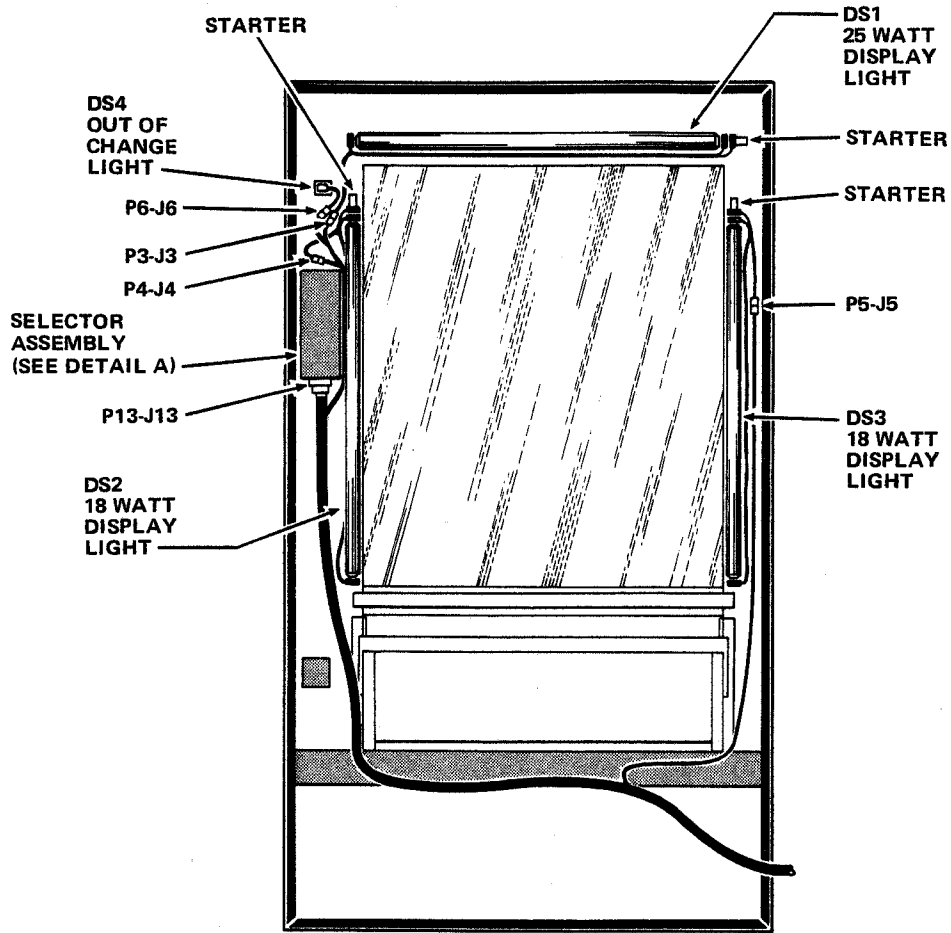
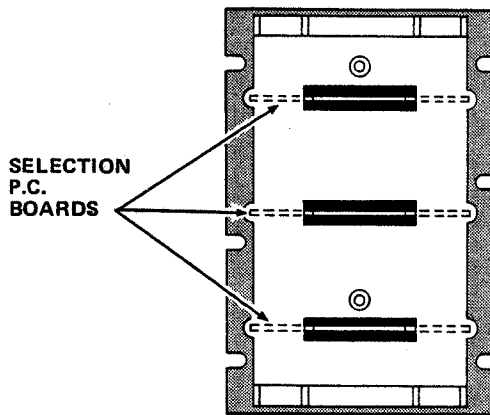
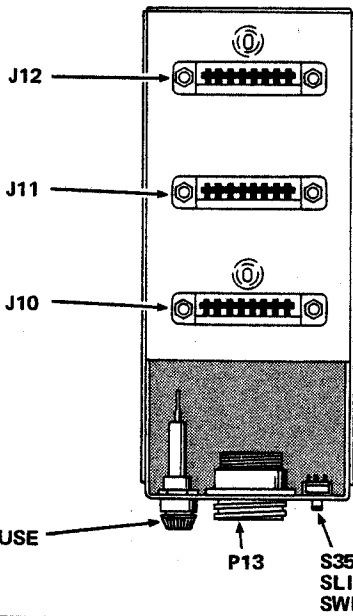


Figure 7-1. Cable Routing Chart (8 of 8)



CABINET DOOR



**DETAIL A
SELECTOR ASSEMBLY**

Figure 7-2. Electrical Component Location Chart (1 of 4)

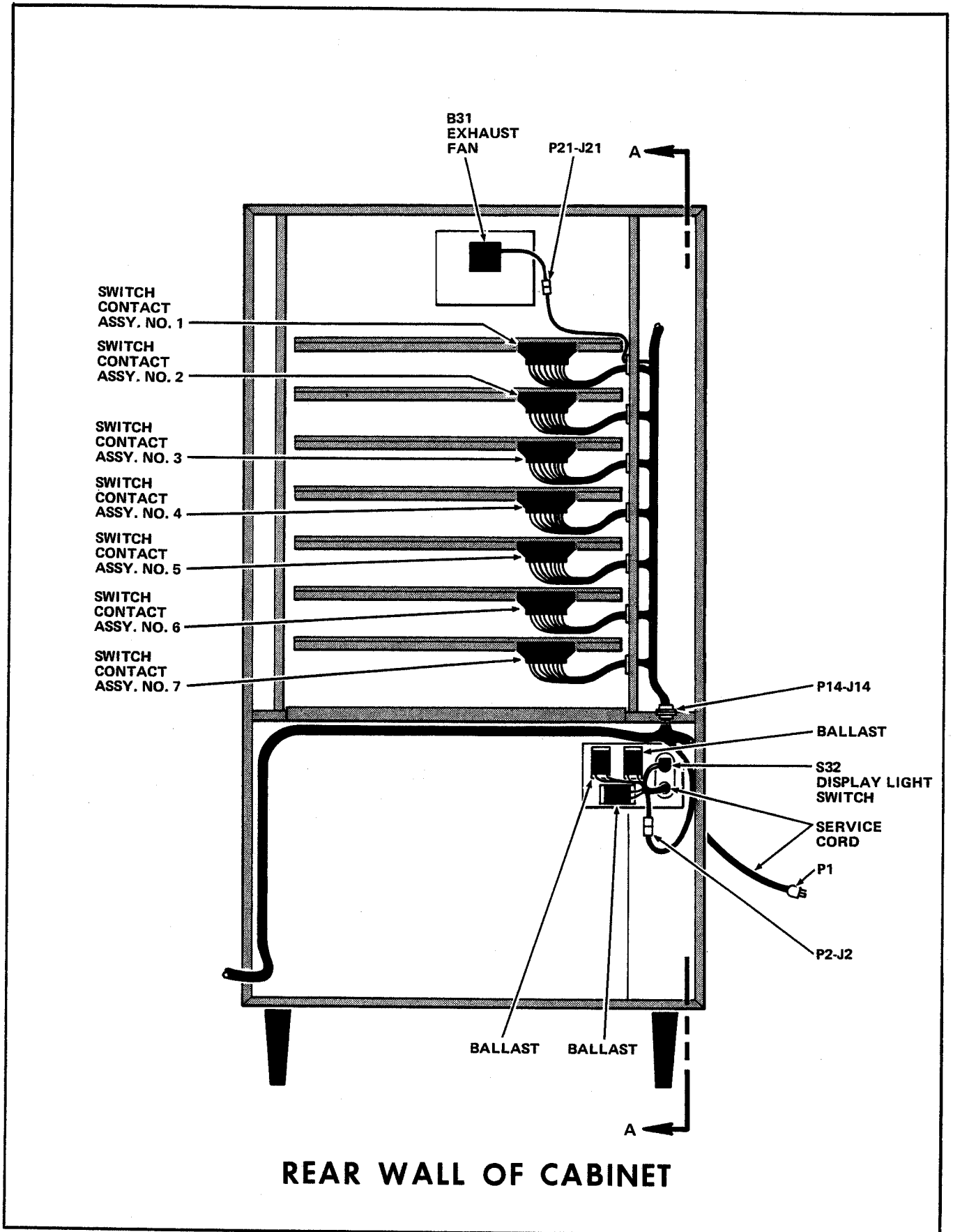


Figure 7-2. Electrical Component Location Chart (2 of 4)

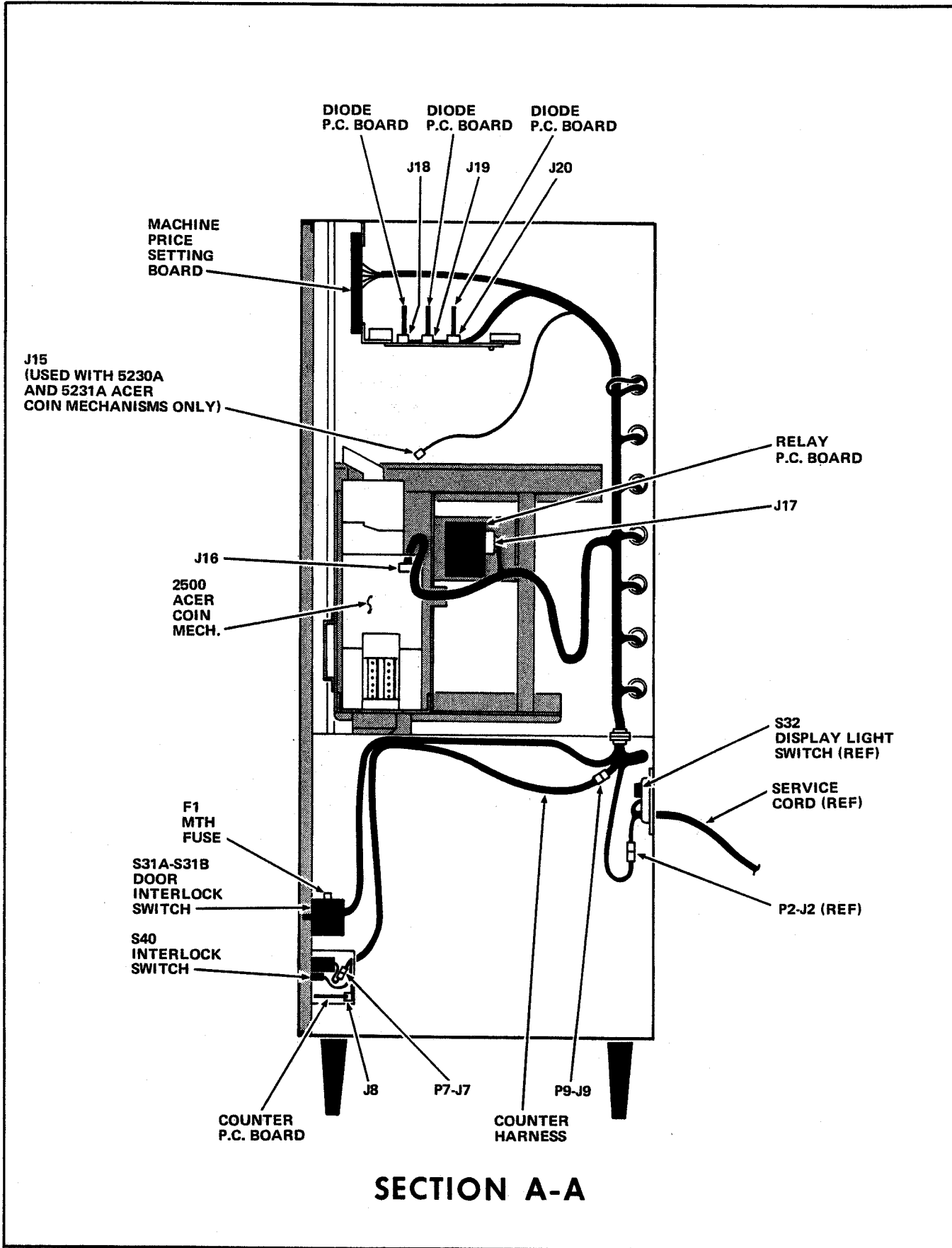
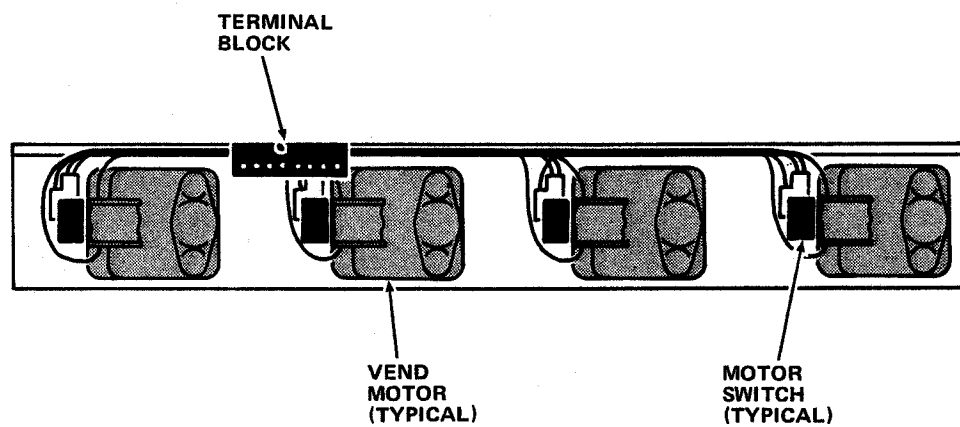
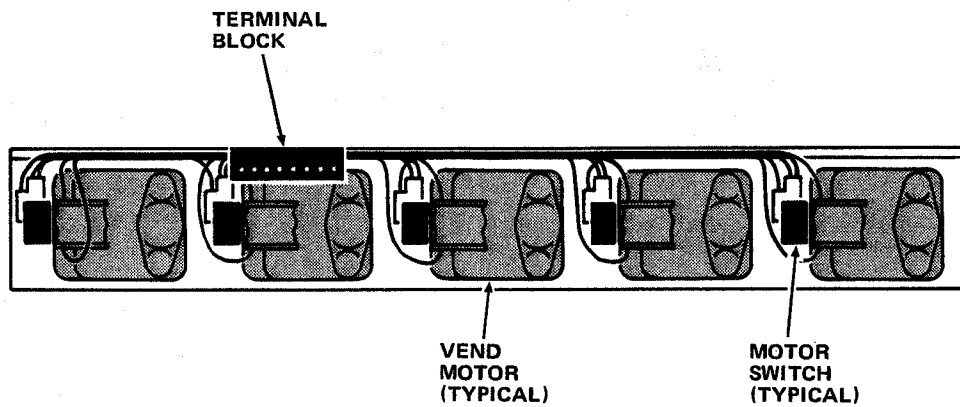


Figure 7-2. Electrical Component Location Chart (3 of 4)

5 SELECTION TRAY (TYP.) REAR VIEW



4 SELECTION TRAY (TYP.) REAR VIEW

Figure 7-2. Electrical Component Location Chart (4 of 4)

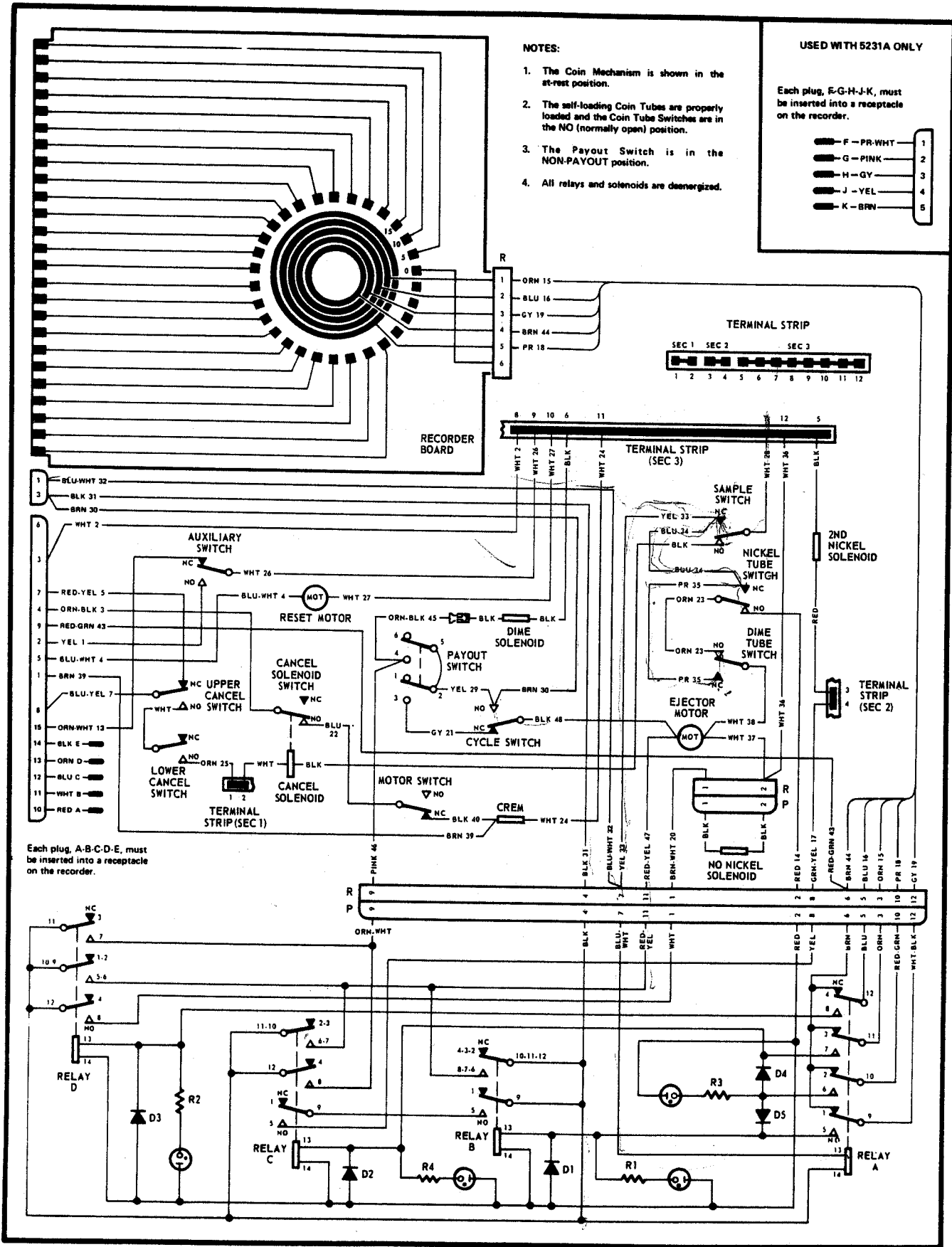


Figure 7-3. Wiring Diagram of Series 5230A and 5231A ACER Coin Mechanism

140
SECTION VII

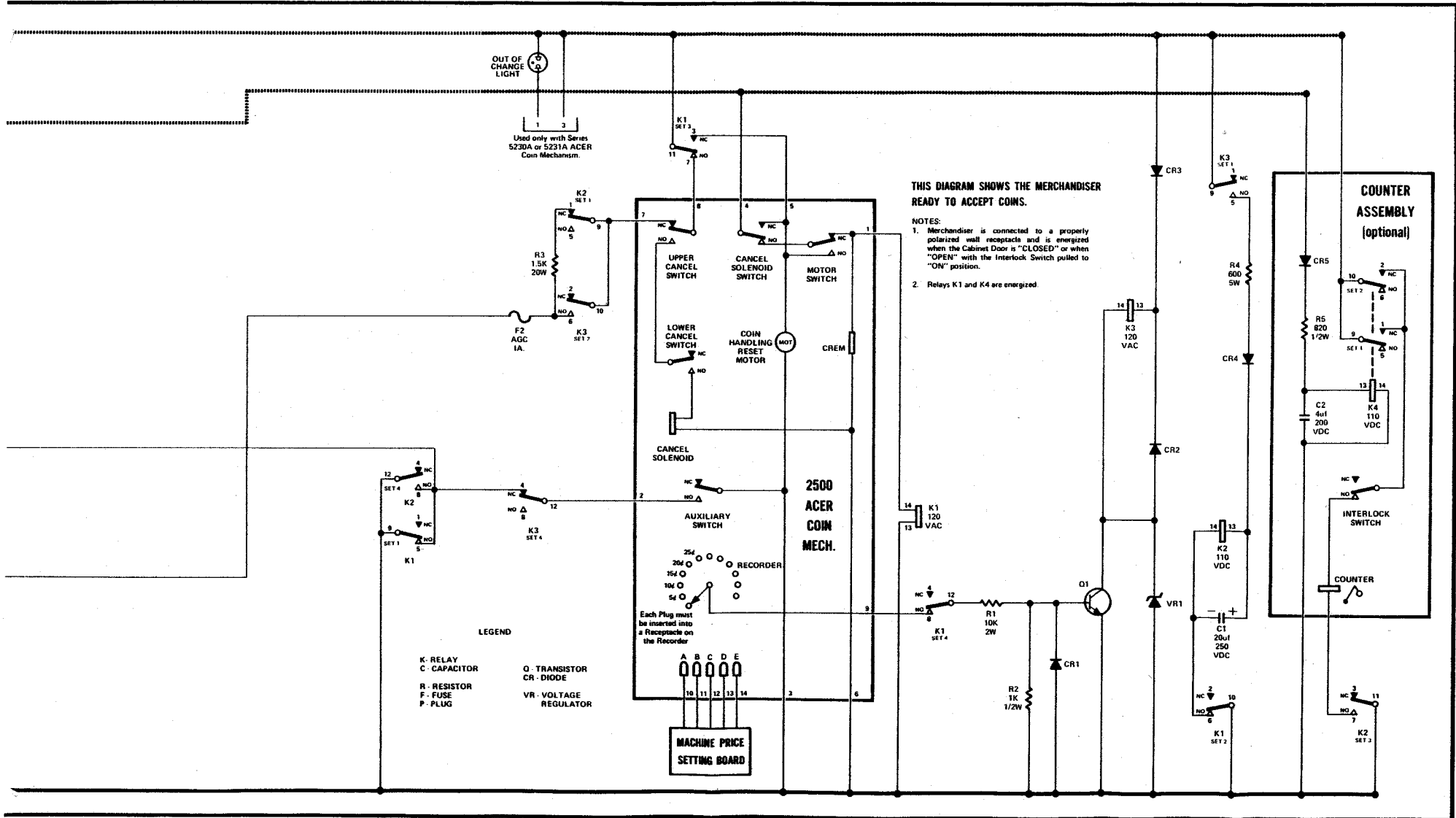


Figure 7-5. Operations Schematic Diagrams (24, 27, 30, Selections) (2 of 5)

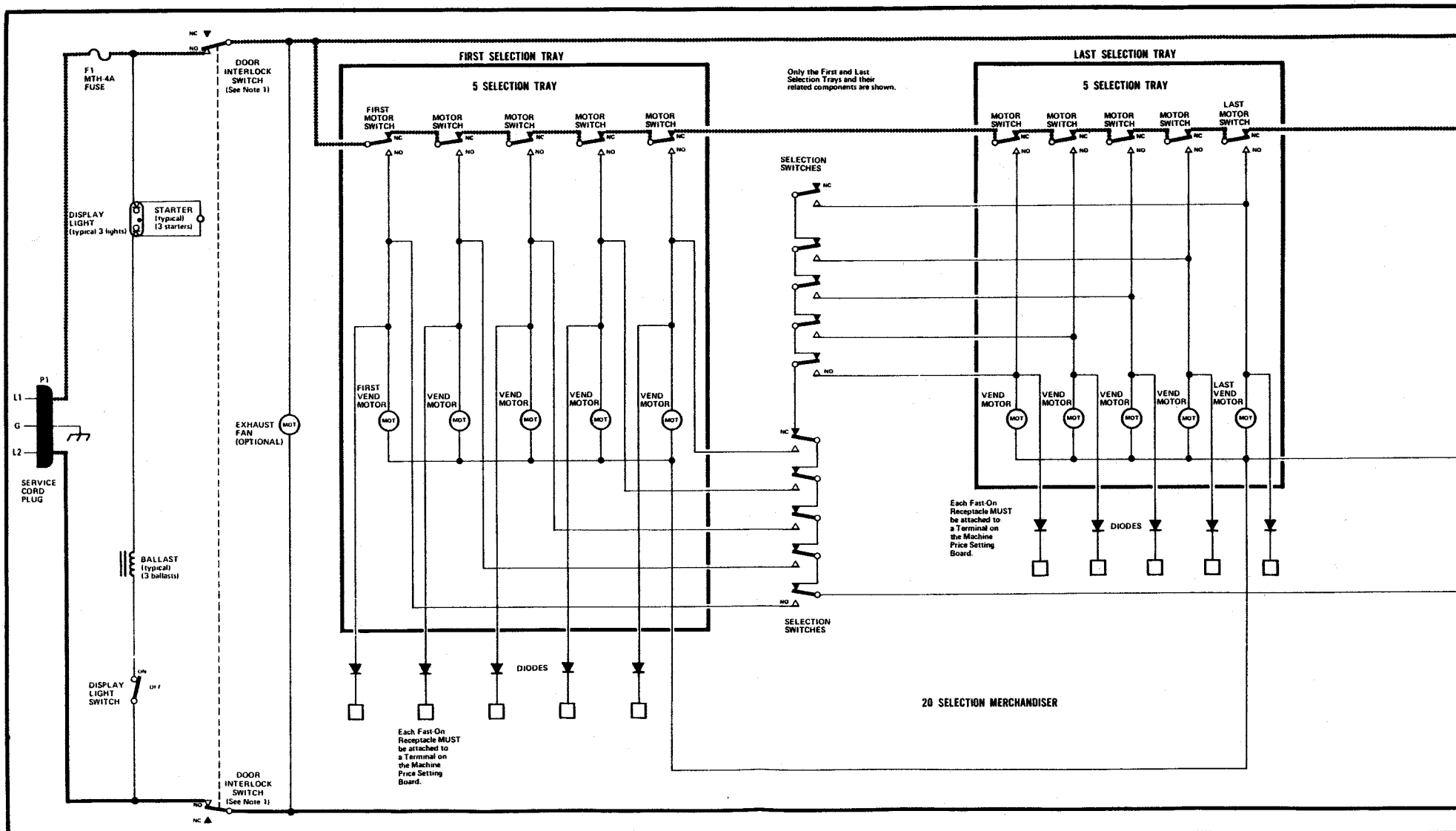


Figure 7-5. Operational Schematic Diagram (20 Selection) (3 of 5)

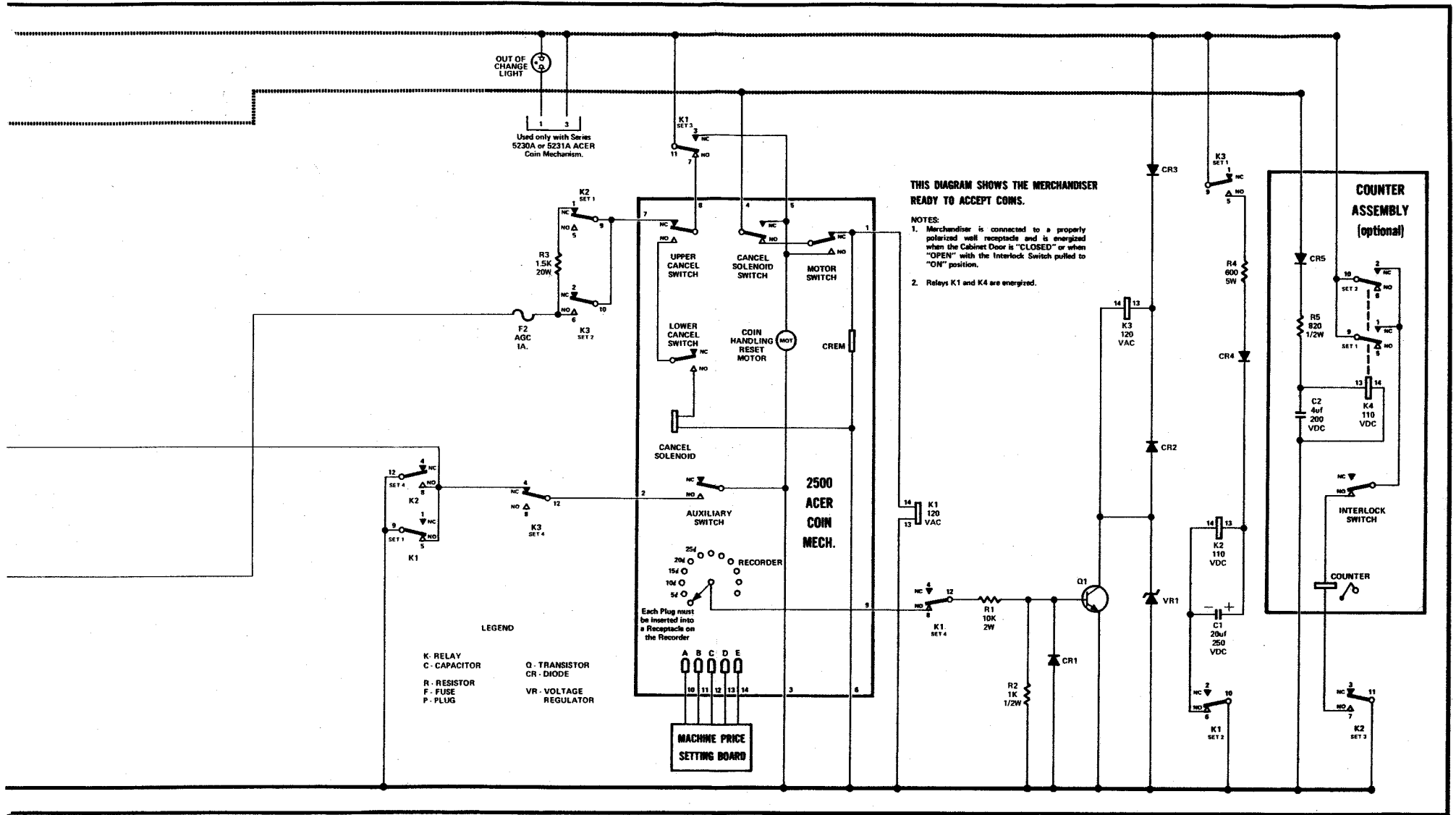


Figure 7-5. Operational Schematic Diagram (20 Selection) (4 of 5)

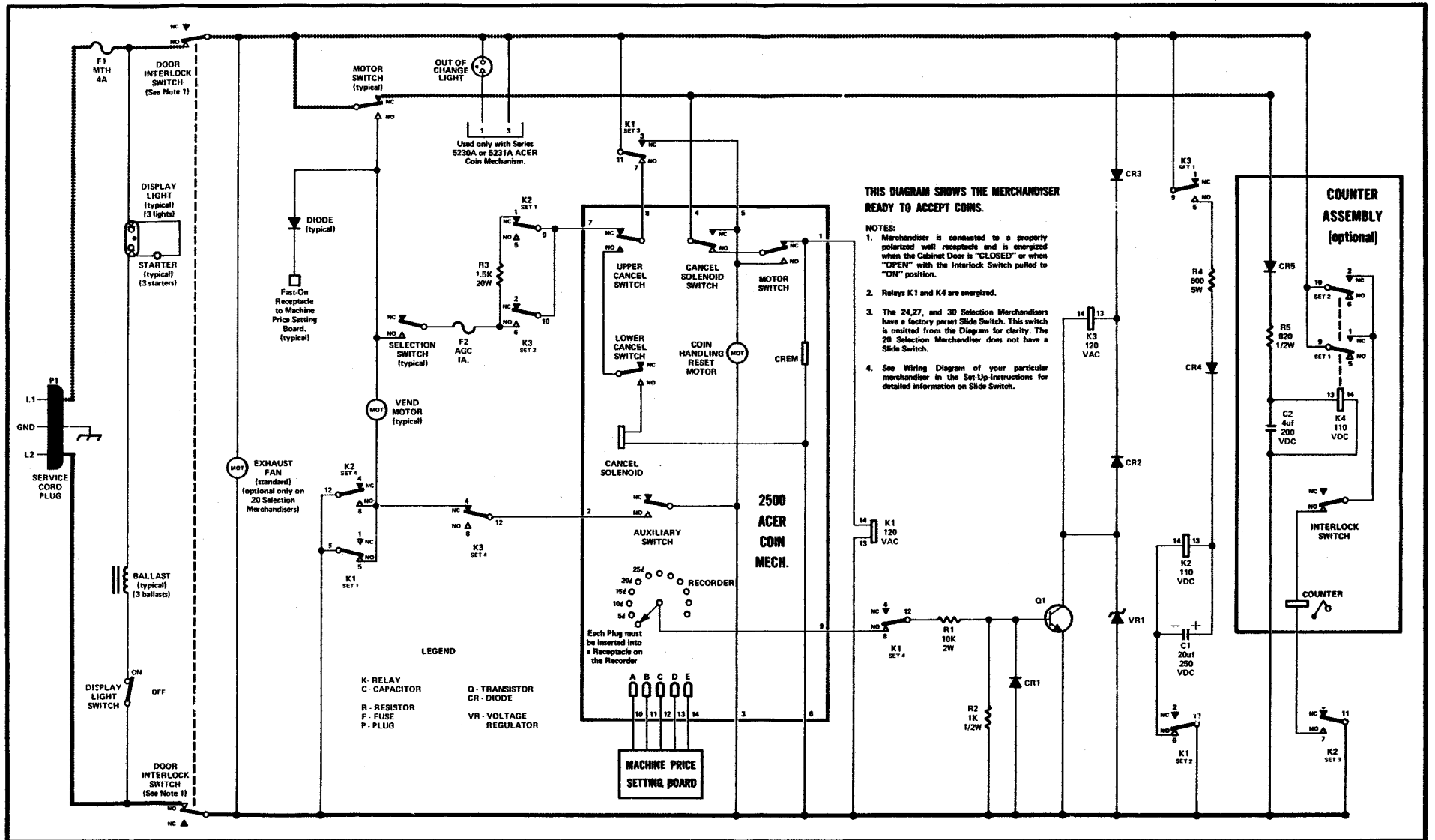


Figure 7-5. Simplified Schematic Diagram (5 of 5)