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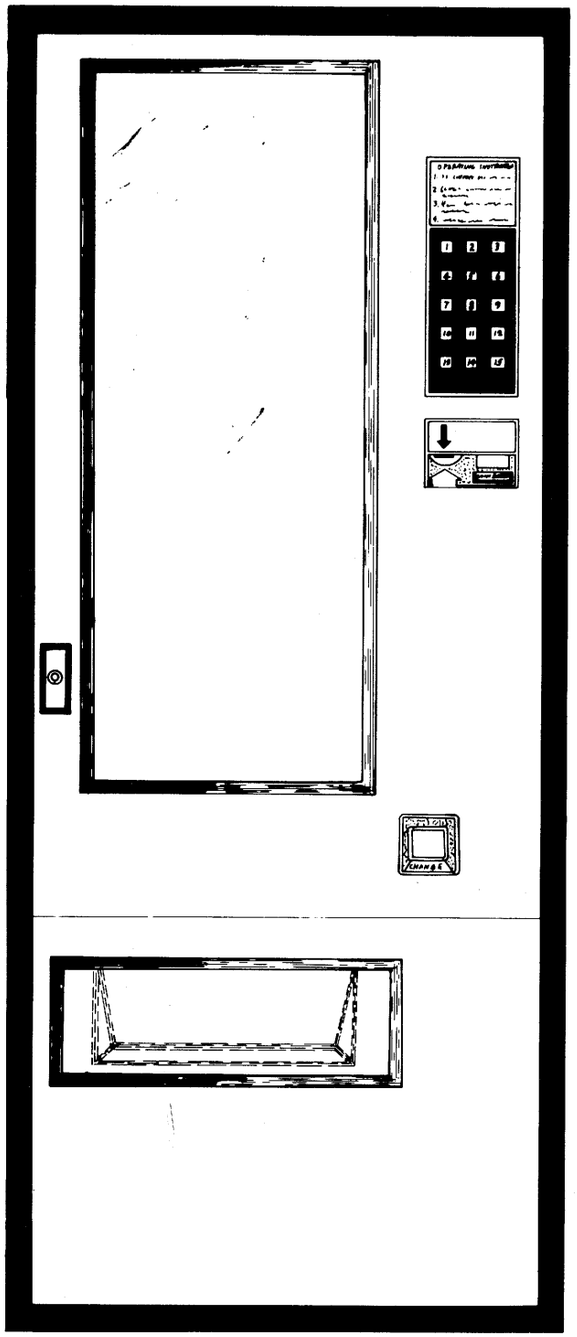

15 Selection

15/3 Selection

25 Selection

25/5 Selection

30 Selection

GLASSFRONT SERVICE & PARTS MANUAL

Part Number 4020808

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INTRODUCTION:

This manual contains information on the glassfront vendor and the various models within the product line along with optional equipment and accessories offered for each model.

The glassfront vendor has a "First-In", "First-Out" vending procedure and features the "Vend the Item You See", therefore does not require a display item and eliminates the need of product rotation to insure product freshness. Each product tray can be pulled forward and/or tipped for easy loading, cleaning, and servicing. There are three types of trays: a Flatwire Helix Tray, which is used for vending large items such as pastry, chips, etc.; a Round Wire Helix Tray for small items such as candy; and a Gum and Mint Tray. Each selection has an individual motor for rotating the selected product to the delivery hopper and advancing the next product to the vend area. All Glassfront Vendors are available with the following types of coinage systems:

A standard Four Price Coinage System

A Multi-Price Control Coinage System

The coinage systems are explained and outlined on pages 6 through 10.

VARIATIONS:

The Tray configurations are explained in pages 13 through 17.

The number of selections are as follows:

15 Selection

18 Selection - 15 Selection Plus
3 Selection Gum and Mint Tray

25 Selection

30 Selection

30 Selection - 25 Selection Plus
5 Selection Gum and Mint Tray

SPECIFICATIONS:

CABINET:	Model 15 & 18 Selection	Model 25 & 30 Selection
Height:	68"	68"
Width:	28"	38"
Depth:	31"	31"
Weight:	425 Pounds	570 Pounds

ELECTRICAL: Line Source 115 VAC, 60 H
Current 14 AMPs maximum

COINAGE:

FOUR PRICE CHANGER

Accepts nickles, dimes, and quarters. Selection of four vend prices, 5¢ through $3.15; Adjustable in 5¢ increments. Change payback is in 5¢ increments as long as adequate change is available in change tubes; with tube escrow until selection.

MULTI-PRICE COINAGE SYSTEM

Accepts nickles, dimes, and quarters. Selection of thirty vend prices, 5¢ through $3.15; Adjustable in 5¢ increments. Change payback is in 5¢ increments as long as adequate change is available in change tubes; with tube escrow until selection.

INSTALLATION INSTRUCTIONS:

1. Remove all packing material in a manner not to damage the finish or exterior of that Vendor. To unlock the door, the key will be found taped inside the Coin Return Cup. Remove all shipping brackets, inner packing material, and tape from the Vendor. To try to operate the Vendor without removing the tape from the moving parts may result in damage.

2. Record the Model Number and Serial Number of the Vendor and refer to these numbers on all inquiries and Correspondence pertaining to that Vendor.

3. This Vendor was thoroughly inspected before leaving the Factory, and the Carrier has accepted this Vendor as their responsibility. Any damages or irregularities should be noted at the time of delivery and immediately reported to the Delivering Carrier. Request a written Inspection Report from the Claims Inspector to file any freight claims for damage. File claim with CARRIER...NOT with MANUFACTURER.

4. Run the Power Cord through the hole in the cabinet back. Align the two holes on the Cord Plate with the holes on the back of the Cabinet. Then attach the Plate with the screws provided. (See Fig. B.)

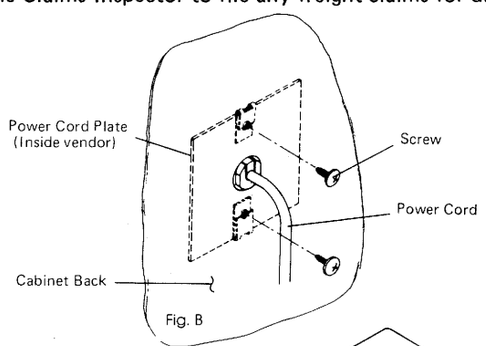


Fig. B

5. To insure safe operation of an electrically equipped vender, the vender must be grounded. To verify that the recepticle is properly grounded, connect one probe of the test light to the screw holding the receptacle cover. Insert the other probe into the opening of each outlet. If the test light does not light when placed in either side of the receptacle, the receptacle is not grounded. To provide a proper ground use an adapter which has a ground wire attached. The wire should be connected to a ground such as a water pipe. If the receptacle is grounded but is not the three-prong type, the adapter may be used. Attach the wire to a ground or to the receptacle cover securing screw. (See Fig.C.)

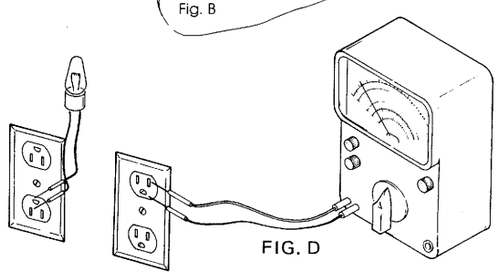


FIG. D

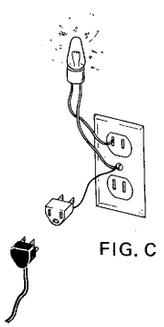


FIG. C

Receptacle with three (3) female openings. To verify that the receptacle is properly grounded and polarized, insert one probe of a voltmeter (set to check AC line voltage) or test light, in the ground terminal position "hole" of the 3-position receptacle, insert the other probe (of voltmeter or test light) in the L.H. slot (if ground "hole" is up) or in the R.H. slot (if ground "hole" is down). You should read 115 VAC on the voltmeter, or the light should light.

If you find this is not the result, you should contact a licensed electrician to correctly polarize and/or ground the receptacle to insure safe operation.

Consult Local, State, and Federal codes for compliance before installation of vendor. (See Fig. D.)

6. Remove Knock-A-Way Support by inserting a screwdriver and splitting the Knock-A-Way in two. Turn the leveling screws in as far as possible. Position the Vendor in its place of operation. Level the Vendor, making sure all levelers are touching the floor. The Vendor must be level for proper operation and acceptance of coins through the Coin Mechanism. If the Vendor is properly leveled, it should not rock or teeter on any of the levelers. (See Fig. A.)

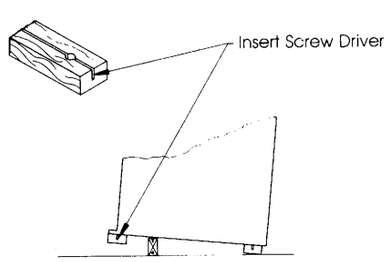


Fig. A.

HELIX TIMING:

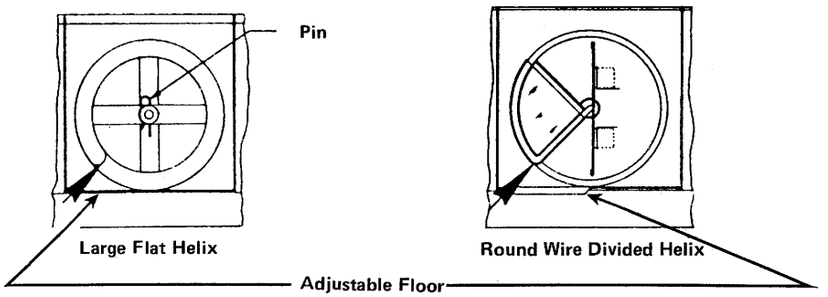
After installing a new motor the Helix must be timed. Make sure the motor is in its home or detent position.

Large Flat Helix:

To remove, pull out pin at back of Helix. Replace Helix on motor shaft, with end of Helix positioned as shown by the arrow. Align hole in Helix hub with motor shaft and replace pin.

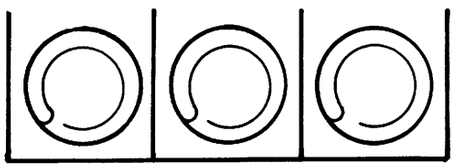
Round Wire Divided Helix:

No timing is needed.

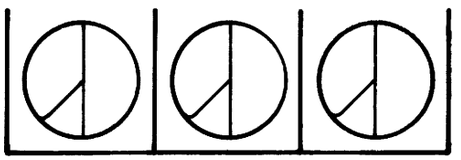


PRODUCT LOADING:

Model 15 and 18 Selection

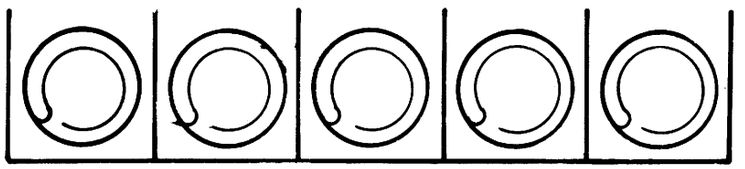


Flat Wire Helix Tray

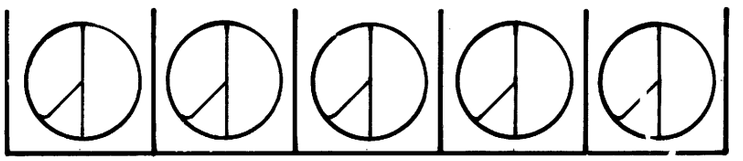


Round Wire Helix Tray

Model 25 and 30 Selection



Flat Wire Helix Tray



Round Wire Helix Tray

Lift front of drawer upward and pull forward to stops.

Load all products upright, front to back, with the identification forward.

The Flat Wire Helix loads with the products resting on the bottom coil of the Helix.

The Wire Helix loads with the products resting on the floor between the Helix.

After loading, check to see that the adjustable floor (See Helix Timing) is properly adjusted. Adjust by moving floor in or out to secure the front product will not slip out of the Helix.

Finally, test vend each selection to insure the first slot in each selection is filled.

Make sure the products fit easily into the Helix spacings.

GUM AND MINT TRAY

Unlatch Tray by pushing up on the rod in the middle of the Tray. Pull Tray forward until it stops and lift up on the lid. The Product Pusher will stay back in the Vendor. The product is placed with the long edge in line with the front of the Tray. The product identification should be either on the front and/or top of the product when looking from the front of the Vendor.

PRICE-SETTING INSTRUCTIONS:

COINAGE TYPE: Coinco 5¢ – $3.15 Four-Price Changer.

1. With power on, remove the Acceptor (see Fig. A); and place in an area free of dirt.

2. The Price Switch Module has six miniature rocker switches, numbered (1) through (6) make sure they are all in the off position. These switches correspond to prices as follows-
   1=5¢, 2=10¢, 3=20¢, 4=40¢, 5=80¢, & 6=$1.60.
   Set the Vend Price by adding the value of the rocker switches that are in the on position. For example, switches #1 and #3 are on, that equals 25¢.

3. After setting the desired Vend Price on the Price Switch Module momentarily depress the Price Arming Switch, then within 10 seconds press one of the selection buttons on the front of the machine, or turn the Helix itself.

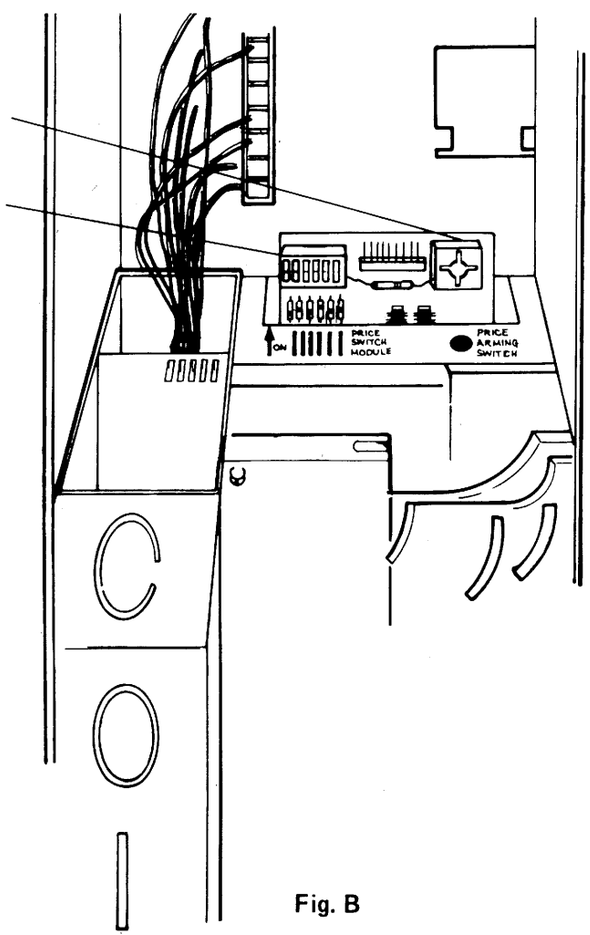


Fig. B

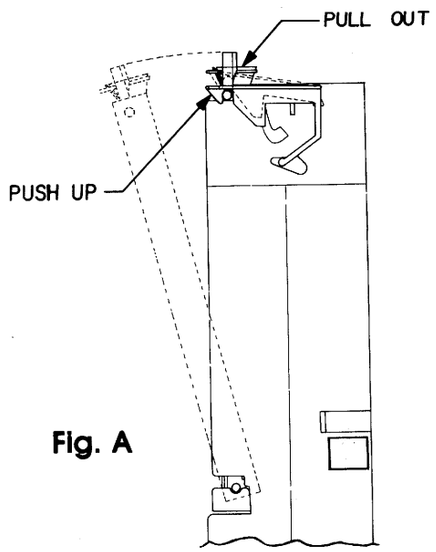


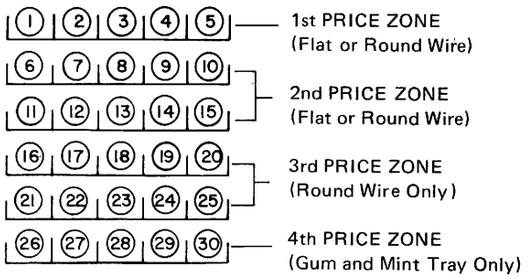
Fig. A

The price is now set for all selections on that Price Zone to the preset price on the Price Switch Module. Repeat this step for all (4) Price Zones during initial installation. For the Price Zone(s) that need changing after initial installation, repeat this step.
The Price Zones are shown on page 7 for the various number of selections. All selections on a tray are in the same price zone.

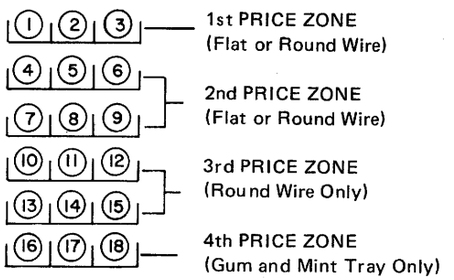
Price Zones For Four Price Coinage System:

The vend price must be selected in the Coin Mechanism, and that procedure is explained on Page 6.

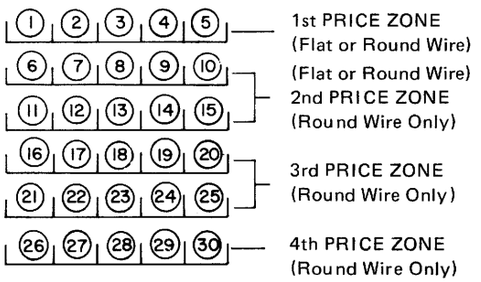
25 SELECTION with 5 SELECTION GUM and MINT



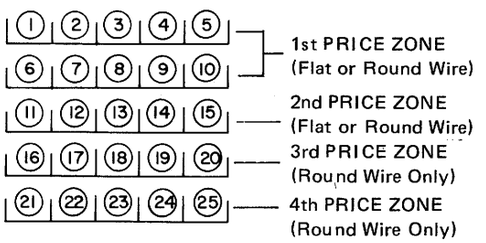
15 SELECTION with 3 SELECTION GUM and MINT



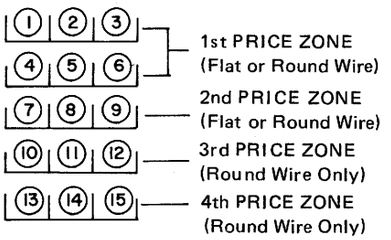
30 SELECTION



25 SELECTION



15 SELECTION

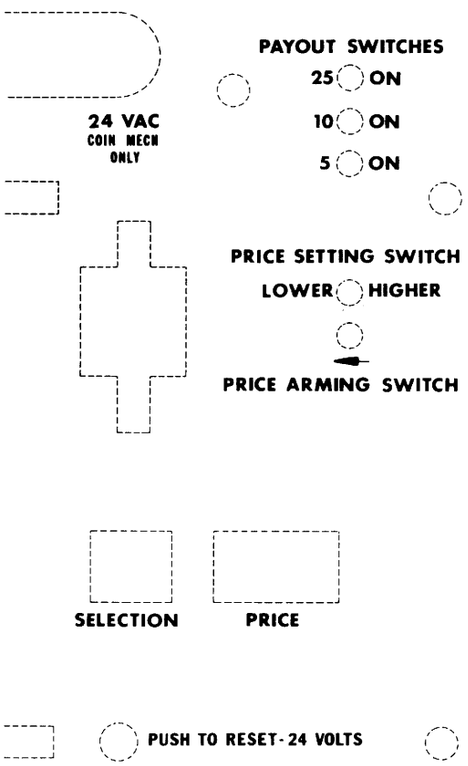


MULTI-PRICE COINAGE SYSTEM $3.15:

Important

The Multi-Price Coinage System is able to be set for a maximum of thirty different vend prices. The Vend Prices are set at the Control Board instead of at the Coin Mechanism.

1. Actuate Price Arming Switch. (.05 will appear in the Price Display.)
2. Move Price Setting Switch, higher (right) or lower (left), to the desired vend price. This price will be shown in Price Display.
3. After determining which selections are to be set at this price, turn the corresponding Helix until it runs automatically. An alternate method of Price Setting is to push the desired Selection Button at this time. The Helix will not turn.
4. While the Helix is turning or the Selection Button is depressed, the Display will show the Selection Number and the new vend price.
5. Repeat steps one, two, and three until all selections are properly set.
6. Actuating the Price Arming Switch again will put the Vendor back into the Stand-By Mode.



Note: **If the Vendor is left in the Price Changing Mode, the Control Unit will automatically switch back to the Stand-By Mode 30 seconds after the last operation.**

Warning

Turning a Helix or depressing a Selection Button before being removed from the Pricing Changing Mode will result in changing that selection to the last vend price set.

7. After Vendor is switched or has "Timed Out" to the Stand-By Mode, check all selections by turning the Helix or depressing the Selector Button. The selection and price will be displayed.

Note: **Interruption of Power will not affect vend prices. Prices will be stored indefinitely without power or battery back up.**

MULTI-PRICE II COINAGE SYSTEM $3.15:

On initial installation make sure the following steps have been covered:

1. Product loaded properly.
2. Pricing labels installed on drawers.
3. All selections priced to agree with labels and products.

All selcetions can be individually priced at a different vend price.

I. To Set or Change Price:

When in the Price Changing Mode, the number 88 will appear in the display in place of the item number. While in the Price Changing Mode, the Selector Buttons have a second function which is shown in Figure 2.

A. Push Price Arming Switch on the Control Panel to the left, (See Figure 1.) and close door. The number 88 will appear in display on the front of the door.

B. Determine item(s) to be priced or changed.

C. To raise vend price, press Selector Button #4 and hold until desired vend price appears in display.

D. To lower vend price, press Selector Button #5 and hold until desired vend price is reached.

E. When desired vend price is reached, wait until the number 88 disappears from the display. Then press the Selector Button(s) needing the new vend price.

F. To continue with price changing the number 88 must reappear.

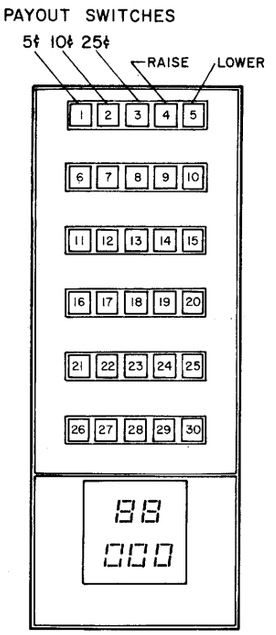


FIG. 2

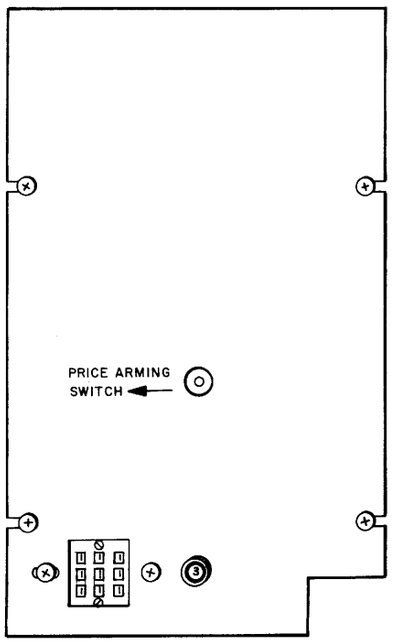


FIG. 1

Note: It is not necessary to establish vend price(s) in numerical sequence of the selections. Price(s) may be established at random.

Warning

To return to the Vend Mode, push the Price Arming Switch to the left. The Vendor will automatically return to the Vend Mode approximately 70 seconds after the last price has been changed or corrected.

RETURN VENDOR TO VEND MODE BEFORE LEAVING THE MACHINE

II. To Check Vend Price of Any Selection:

A. Press Selector Button and hold. Present vend price will appear in the display window, along with the item number selected.

MICRO-MECH™ INSTALLATION and OPERATION GUIDE:

Note: When Using A Micro-Mech™, the Price Setting and Inventory Switches are controlled through the Control Board. (See Page 8 or 9.)

1. Depress Spring Clips (2) located on both sides of the Acceptor Assembly (see Fig. 1). Now rotate Acceptor Assembly forward and down. In doing so, the Coin Control Switches on the back of the Acceptor Assembly are revealed.

2. The Acceptor Assembly can be removed. To remove, rotate Acceptor Assembly forward enough to allow the Acceptor Assembly to be lifted to the top of the lower Retaining Slots, and then pull the Acceptor Assembly forward until it clears the Coin Mechanism itself.

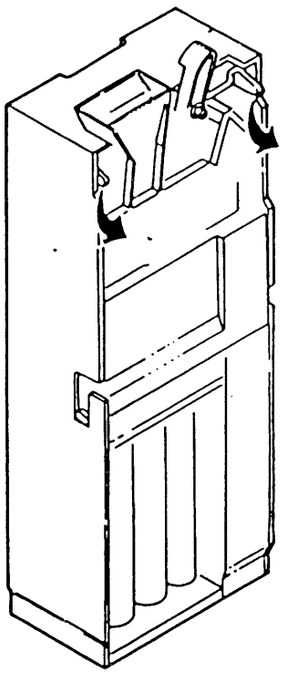
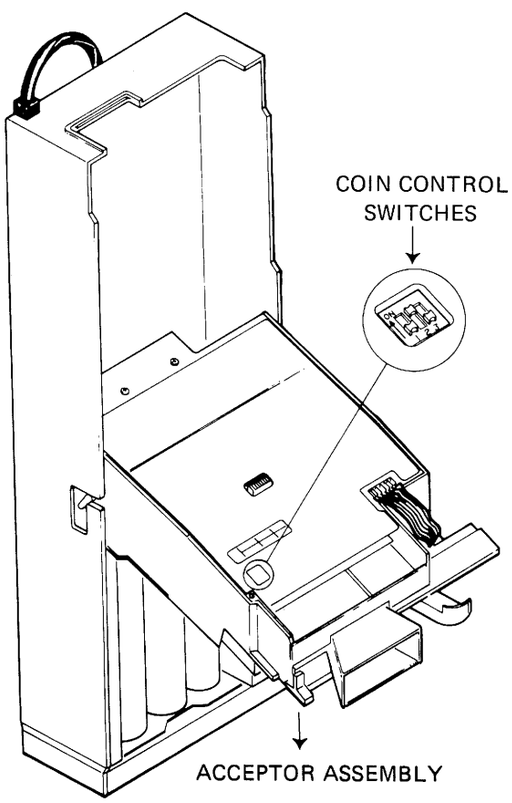


FIG. 1



3. Set the Coin Control Switches on Acceptor using a retracted ball point pen or small screwdriver. DO NOT USE A GRAPHITE PENCIL POINT.

ON ↑	CAN/US	HI 25¢	NO $ ACPT
OFF ↓	U.S. ONLY	LO 25¢	$ ACPT

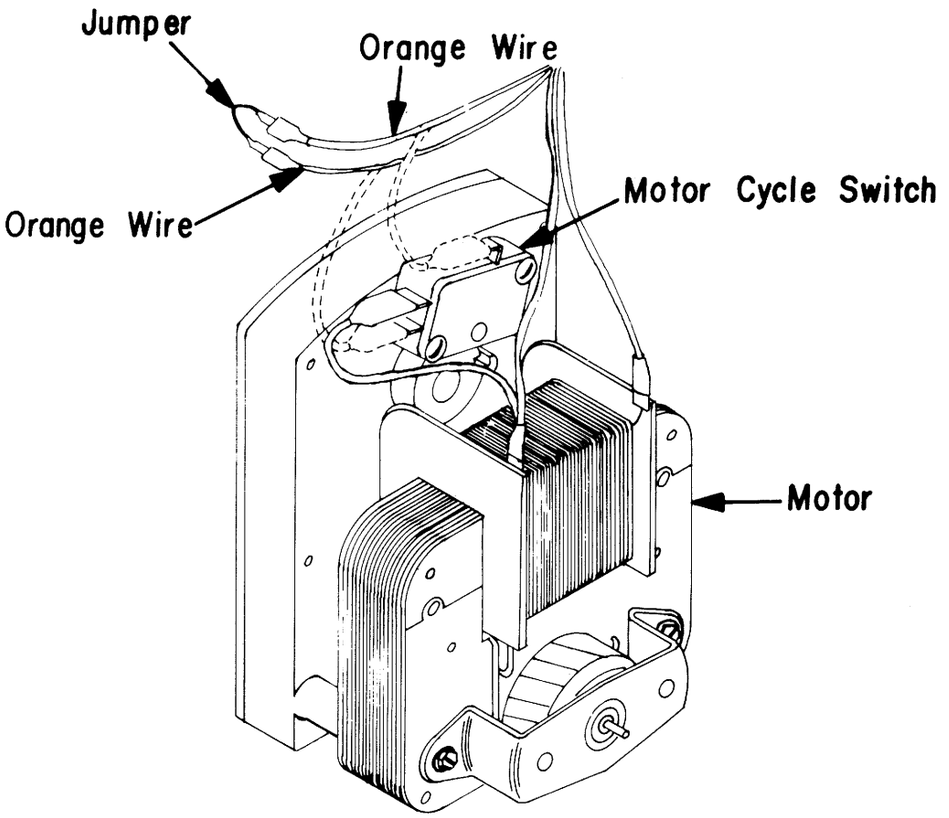
CAN/US — Accepts Canadian & U.S. Coins
U.S. ONLY — Accepts U. S. Coins Only

HI 25¢ — Stores 66 Quarters for Change
LO 25¢ — Stores 6 Quarters for Change

NO $ ACPT — Rejects Dollar Coins
$ ACPT — Accepts Dollar Coin

4. Install Acceptor Assembly in Coin Changer Housing. Check to insure that the ACCEPTOR IS PROPERLY SEATED WITH BOTH SPRING CLIPS ENGAGED.

5. Fill coin tubes to desired levels by inserting coins into coin tube loading slots located on the front of the coin tubes. Minimum coin levels:
   6 Nickles
   7 Dimes
   6 Quarters (required for dollar acceptance)



MOTOR JUMPER:

Any motor may be disconnected or removed from Vendor. By the use of a motor jumper, the Vendor will continue to work on all selections, except for the selection on which the jumper is used.

To use the Motor Jumper, disconnect the two orange wires from the Motor Cycle Switch and connect one to each side of the Motor Jumper. Remove white/orange wire from Motor Coil and wrap with electrical tape. If removing motor completely, make sure to tape the ends of the remaining wires so they will not short to the cabinet. When reconnecting orange wires to the Switch, be sure to put them in the proper places as shown on Motor decal.

A Tray Jumper Plug may be used when removing an entire Tray. Plug the Jumper Plug into the end of the cable coming from the side panel. This will allow the Vendor to remain in operation.

INSTALLATION of GUM & MINT RACK:

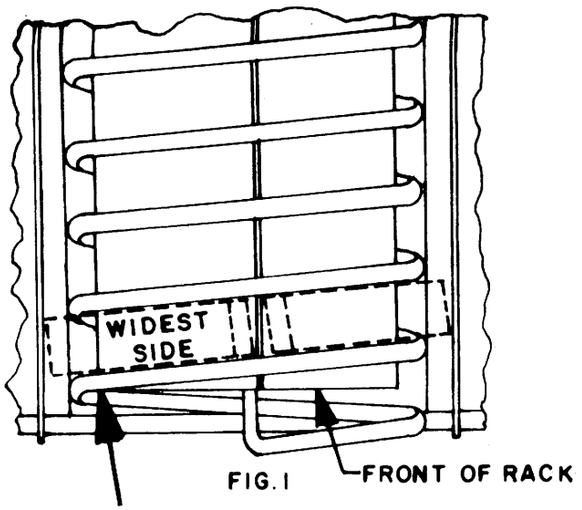


FIG. 1

1. Remove Helix by pulling outward at center of the Shaft.

2. Remove the screw at the back of Adjustable Shelf. Remove Adjustable Shelf (with rubber grommet attached) and discard, retaining the screw. Slide Spacer into position. Align hole at back and reinstall the screw.

3. Slide the Gum and Mint Rack onto the Helix Divider and hold it in place by installing the Pin through the hole in the Divider, as shown in Fig. 3.

4. Install Helix through the hole in the Gum and Mint Rack and into "D" slot in the Motor.

5. Position the front of the Helix, as shown by the arrow in Fig. 2.

6. Stretch or compress the front coil on the Helix and align with the front of the Gum and Mint Rack, as shown by the arrow in Fig. 1.

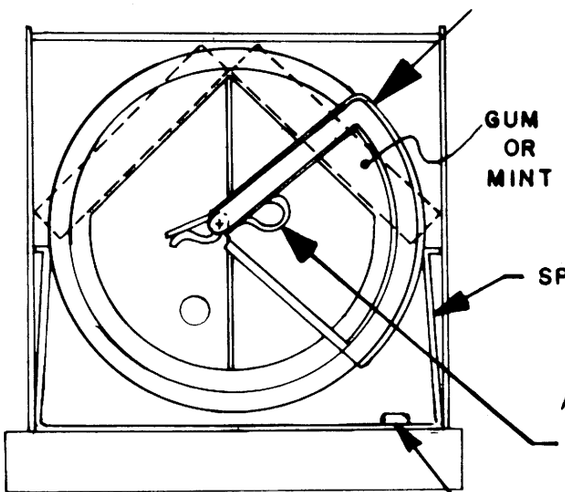


FIG. 2

7. Load gum packs with the widest side between the coils. DO NOT SET THE GUM ON ITS EDGE.

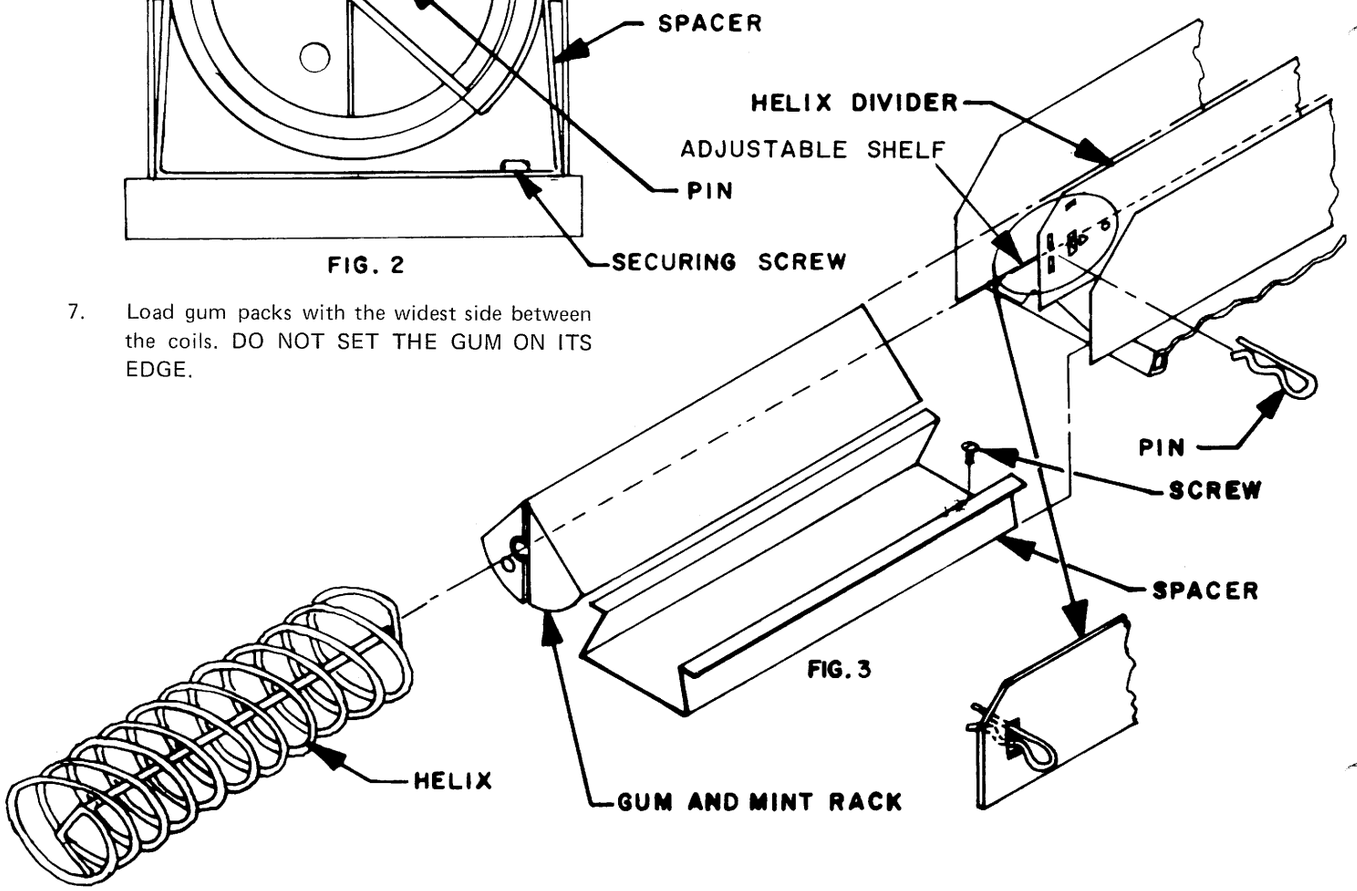


FIG. 3

NARROW CANDY BAR SPACER INSTALLATION:

1. Remove the Round Wire Helix by pulling straight outward.

2. Remove one Motor Mounting Screw. Insert one of the Product Spacers and attach by putting screw in slot when replacing screw. (See Fig. 1)

3. Now repeat step #2 for the opposite side. (See Fig. 1)

4. Twist the two front tabs to secure the front of the Product Spacer. (See Fig. 2)

5. Re-insert the Round Wire Helix by pushing straight inward, making sure that the Helix lines up with the "D" hole in the Motor.

6. Load the selection and test vend.

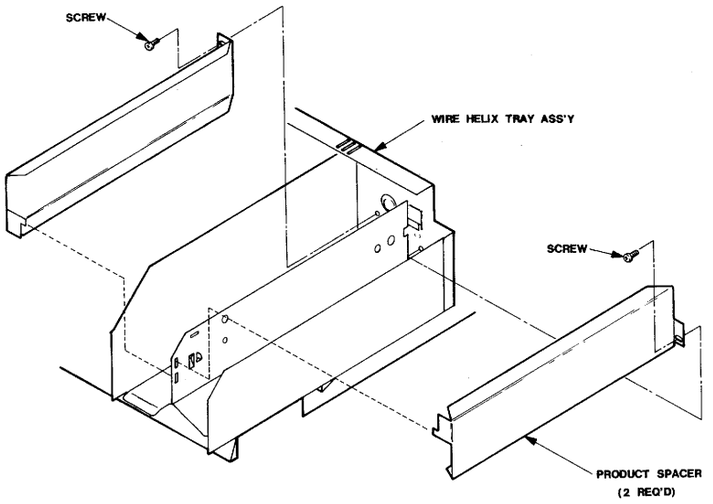


FIG. 1

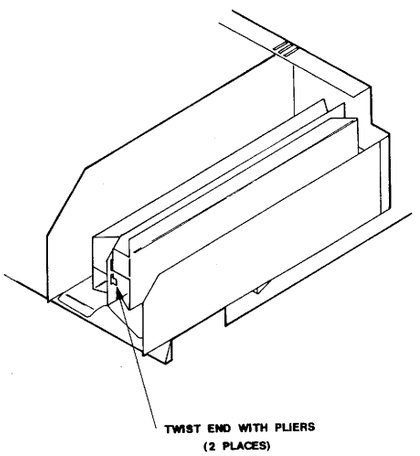
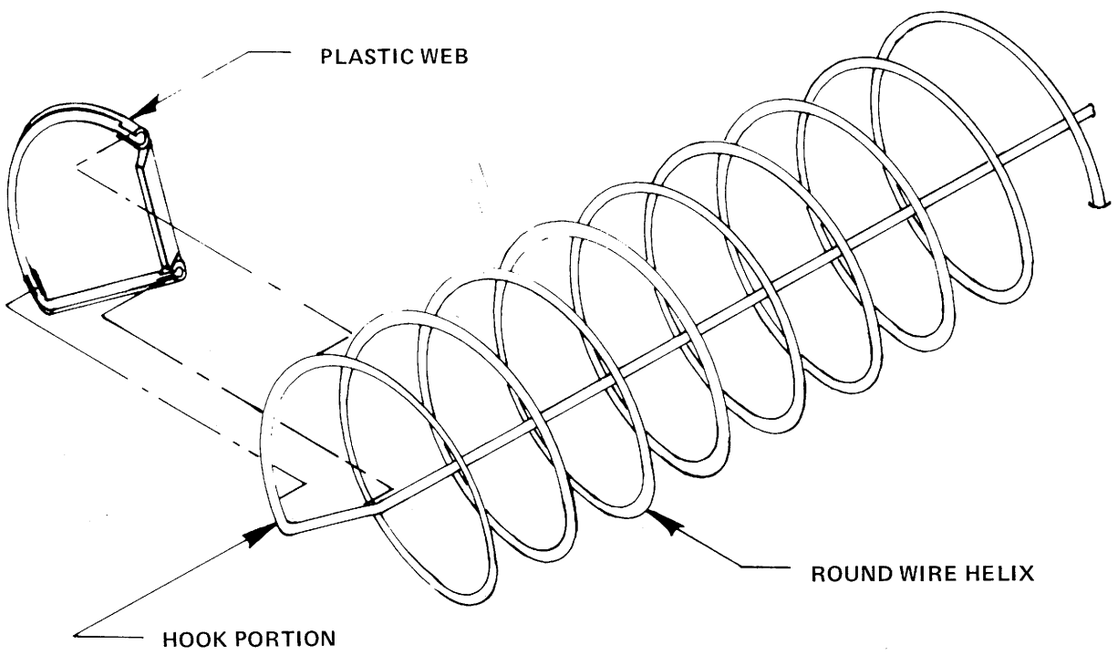


FIG. 2

INSTRUCTIONS FOR MOUNTING PLASTIC WEB:

Note: The Plastic Web should be used only if you have trouble with the product catching in the hook portion of the Round Wire Helix.

To mount the Plastic Web, just snap it in place as shown in the illustration.



CARE and CLEANING:

DISCONNECT VENDOR FROM POWER SOURCE

Cabinet Exterior:	Wash with warm water and soap. Occasionally wax with a good auto wax.
Cabinet Interior:	Clear out any foreign particles from delivery box on cabinet. If needed, use a damp sponge and wipe dry.
Windows:	Use any type of plastic window cleaner.

ACCEPTOR:

1. Remove Slug Rejector from the Coin Mechanism.
2. Soak Rejector in warm water and a mild liquid household detergent for approximately ten (10) minutes.
3. Use a stiff paint brush or toothbrush to clean foreign matter from the Rejector.
4. Rinse in clean warm water.
5. Dry thoroughly by shaking or by applying filtered compressed air.

ACCEPTOR: (Micro-Mech™)

Coin Ramp and the back of the Acceptor Lid should be kept clean at all times. Use a damp cloth only. For problem cleaning, use a cloth dampened with water and a mild soap.

Warning

DO NOT USE SOLVENTS, STEEL WOOL, SCOURING PADS OR A METAL BRISTLE BRUSH. DO NOT SPRAY WITH ANY TYPE OF LUBRICANT.

TROUBLE SHOOTING:

I. Vendor refuses all coins.
   A. Lights for product or selector are out.
      1) Check power cord to see if it is plugged in.
      2) Check fuse or circuit breaker in building for power.
      3) Check black or white wire from line cord to transformer.
   B. Lights are on, but C.R.E.M. coils are not pulled in.
      1) Check circuit breakers on relay panel.
      2) Check for power to Changer. Operate Inventory Switches; Payout Motor should run.
      3) Check all Tray Plugs and Receptacles for proper connection.
         a) Turn each Motor clockwise by hand, starting with #1. They should run by themselves after a slight turn.
         b) When you find the first Motor that does not run, you have found the break in the series circuit. It is between the last Motor that ran and the first Motor that did not.
         c) If you center the first Motor that did not run in its detent and the C.R.E.M. Coils push in, the motor is defective or a wire is off of the Coil of the Motor.
         d) If you center the Motor that did not run and the C.R.E.M. Coils do not pull in, there may be a wire off of the Cycle Switch or the Switch is defective.
         e) Also check the Plugs on the Trays of both Motors if the last one to run was the last Motor in a tray and the first Motor that did not run is the first Motor in the next Tray.
      5) Check to make sure Gum and Mint Drawer is securely closed to activate Drawer Switch.
      6) Check to make sure the Switch on the Gum and Mint Drawer is working.
      7) Check to make sure the Gum and Mint Adaptor Harness is properly and securely connected.
   C. Lights are on and the C.R.E.M.s are pulled in.
      1) Check rejector.
         a) Check Coin Paths for foreign material. Coin Paths must be clean.
         b) Check rejector on level surface and drop coins in to find the problem.
      2) Check to see that the blocking fingers do not protrude into Coin Paths. (Coinco Changer only.)
      3) Check to see that the Vendor is level.

II. Coin Mechanism accepts dimes and nickles, but no quarters and correct change light is on.
   A. Check to see if the Pay Out Tubes have enough change.
   B. Check to see if the Change Empty Switch is activated.

III. Coin Mechanism accepts dimes and nickles, but no quarters and the correct change light is out.
   A. Check for burned out Change Light and no change.
   B. Check Rejector for foreign material in quarter rack.
   C. Quarter C.R.E.M. may be defective.

IV. Coin Mechanism accepts quarters, but no dimes or nickles.
   A. Check Rejector for foreign material in dime or nickel track.
   B. Check for defective Nickel-Dime C.R.E.M. coil.

V. Vendor vends properly, but pays out wrong or no change.
   A. Prices are set wrong.
   B. Product not zoned properly.
   C. Changer is set to accept quarters all the time, but change tubes are empty.
   D. Defective Credit System in Coin Mechanism. (Replace unit.)
   E. Broken Motor Cycle Switch on a previously select Selection Motor.
   F. A defective Multi-Price Coinage System. (Replace system.)
   G. Defective Pay Out System in Coin Mechanism. (Replace unit.)

VI. Vendor accepts money, but will not vend on all selections.
   A. Prices are set wrong.
   B. Check plugs behind relay panel and on selector switches.
   C. Broken or loose white/orange wire from Relay Panel to Motors.
   D. No credit from Coin Mechanism. (Replace unit.)
   E. A defective Multi-Price Coinage System. (Replace system.)

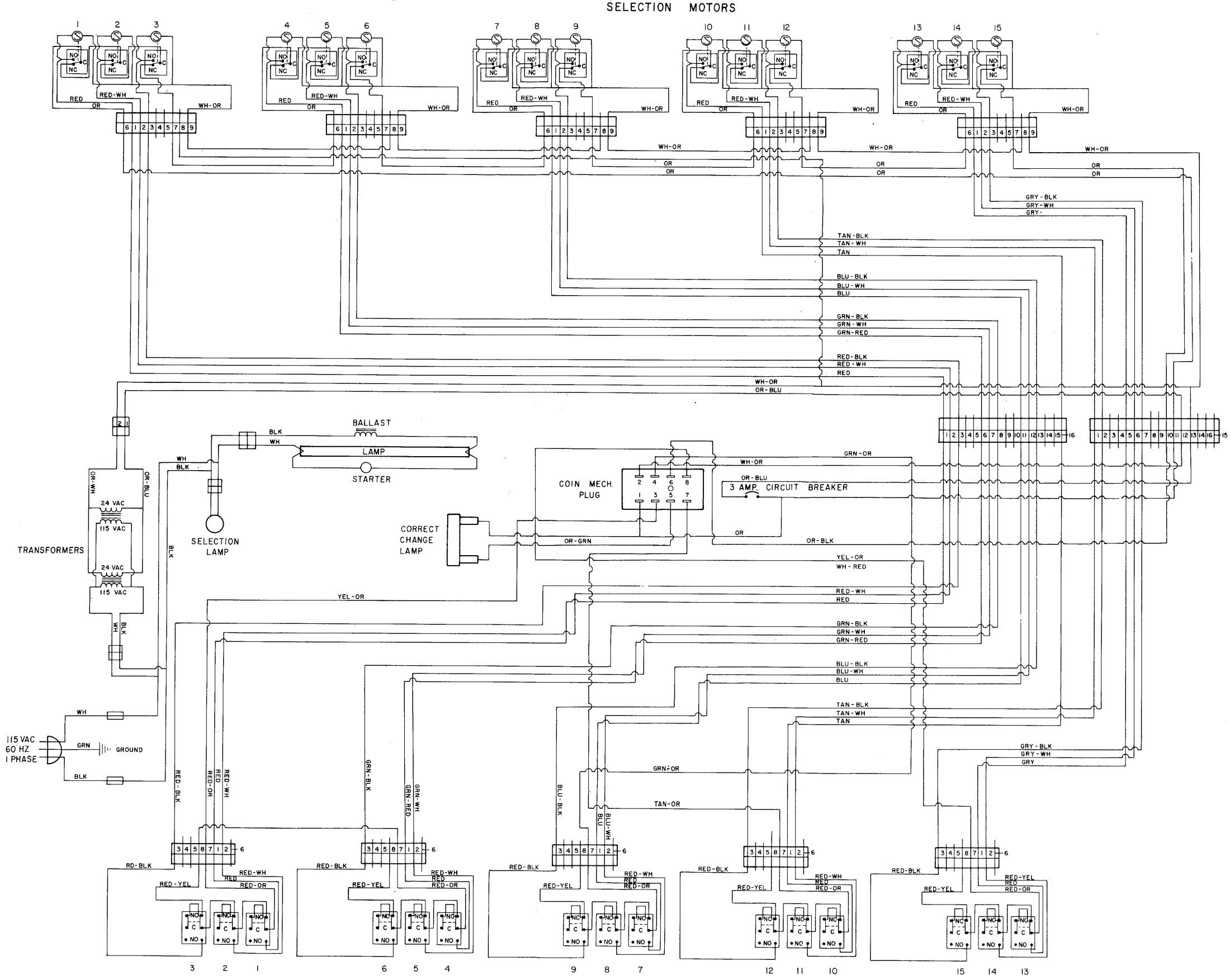
VII. One Tray will not vend; the rest of the machine is normal.
   A. Check plug on Tray for loose or broken white/orange wire.
   B. No Price Line from Coin Mechanism. (Coinco Changer only.) (Replace unit.)
   C. A defective Multi-Price Coinage System. (Replace system.)

VIII. One selction in Tray does not work; rest of machine is normal.
   A. Defective motor.
   B. Loose or broken wire on Motor Coil.
   C. Loose or broken Selection Wire between Selector Button and Motor.
   D. Defective Selector Switch.
   E. A defective Multi-Price Coinage System. (Replace system.)

IX. Vendor preselects one product when credit is reached.
   A. Check for stuck Push Buttons.
   B. Check for shorted Selector Switch.

X. Vendor free vends on one selection.
   A. Credit not cancelled because Motor Cycle Switch is not breaking C.R.E.M.s.

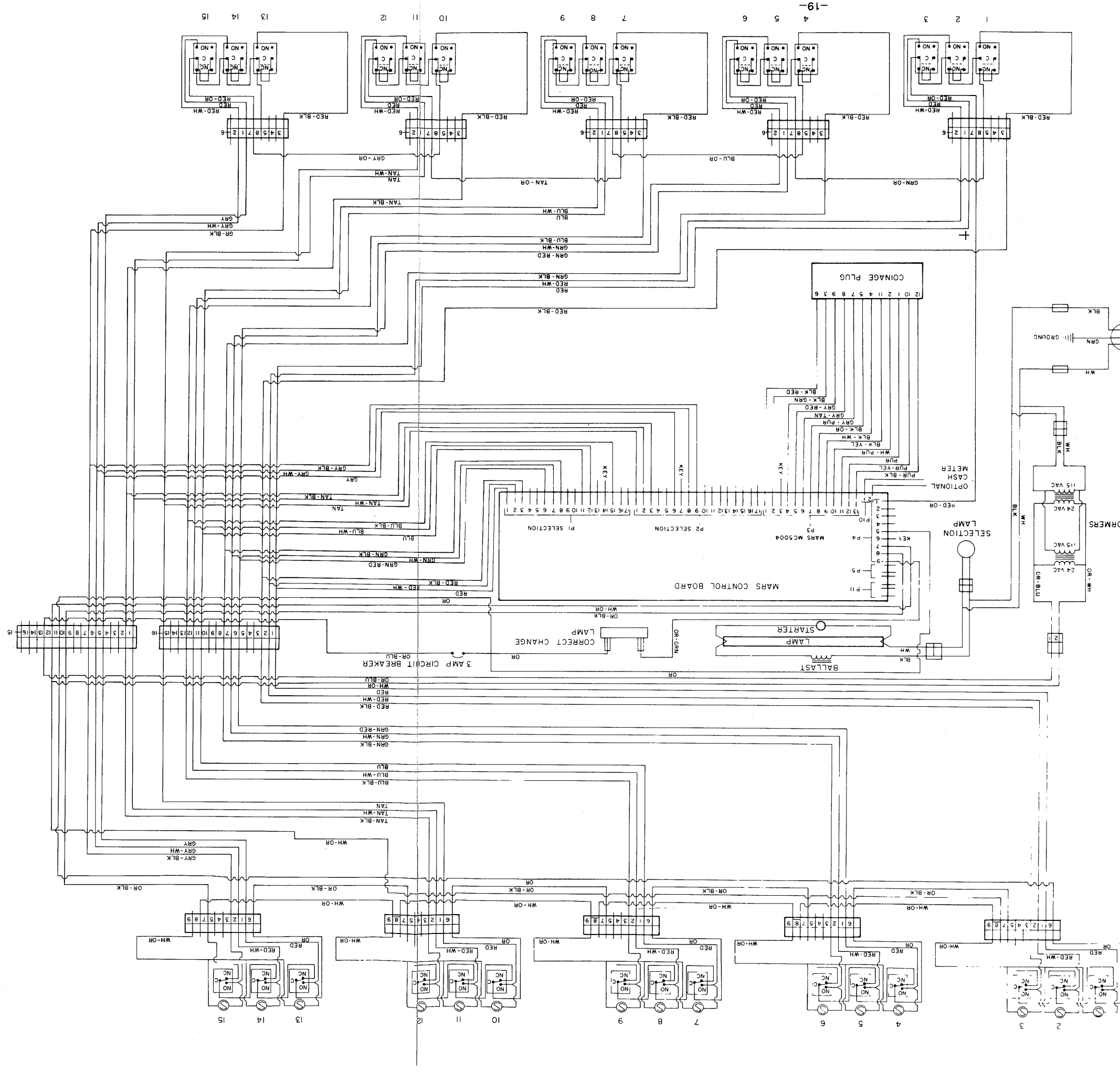
XI. Vendor will not allow vend price to be set.
   A. Broken Motor Cycle Switch on a Selection Motor.
   B. Bad Coin Mechanism. (Coinco Changer only.) (Replace unit.)
   C. A defective Multi-Price Coinage System. (Replace system.)

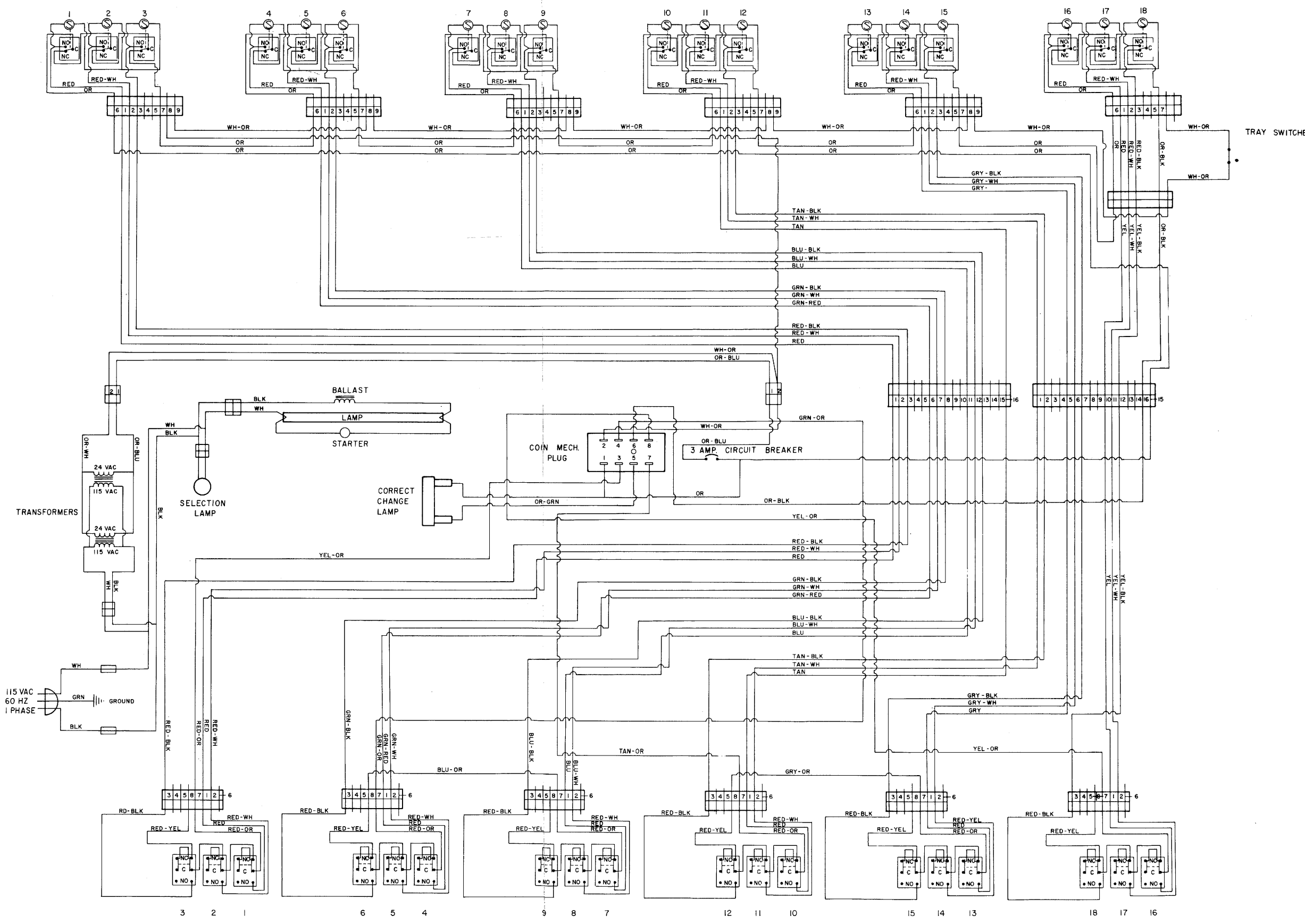


SELECTION SWITCHES

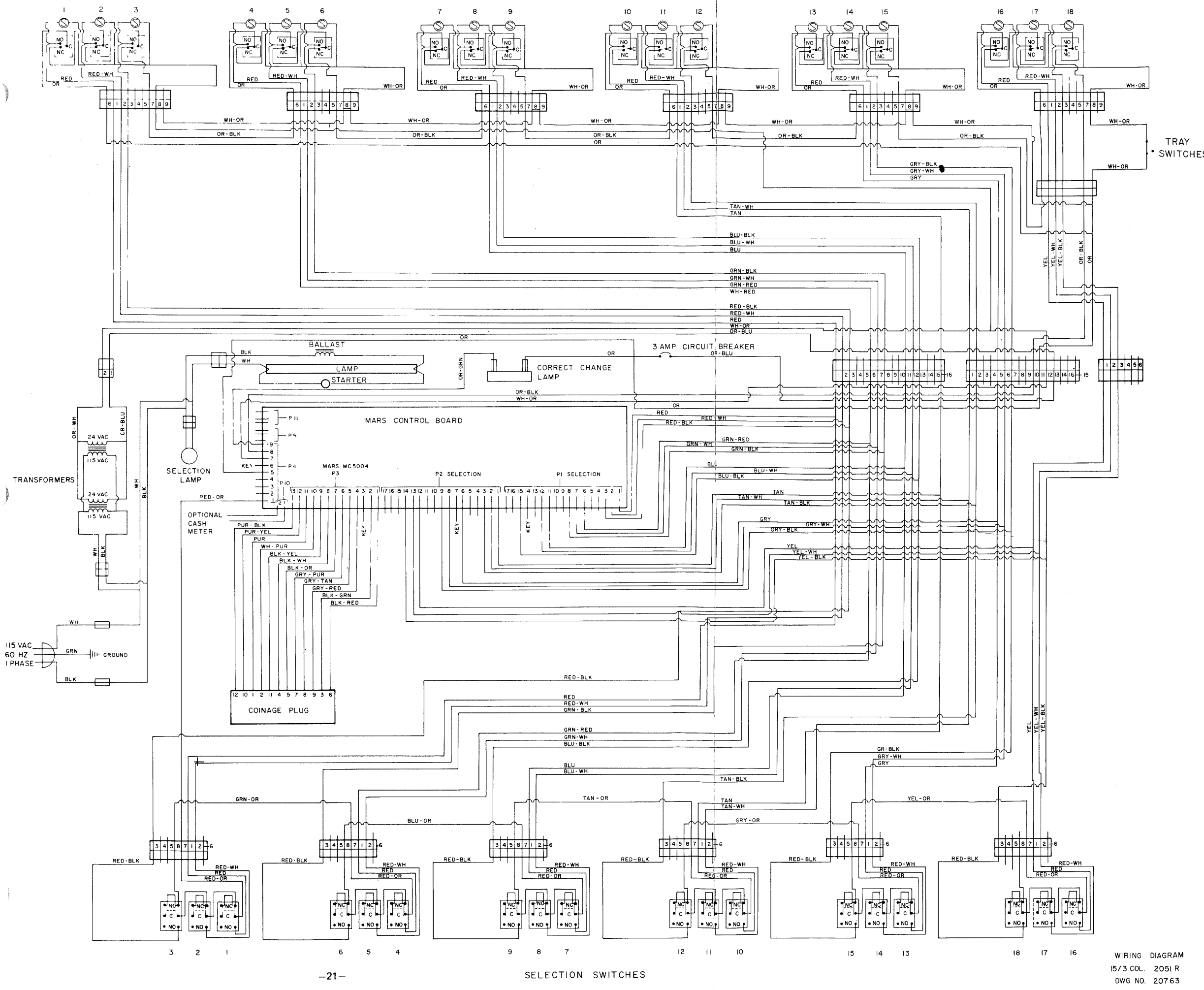
WIRING DIAGRAM
MODEL NO. 2051 N 15 COL.
DWG. NO. 20757

WIRING DIAGRAM
15 COL. 2051 P
DWG NO. 20732



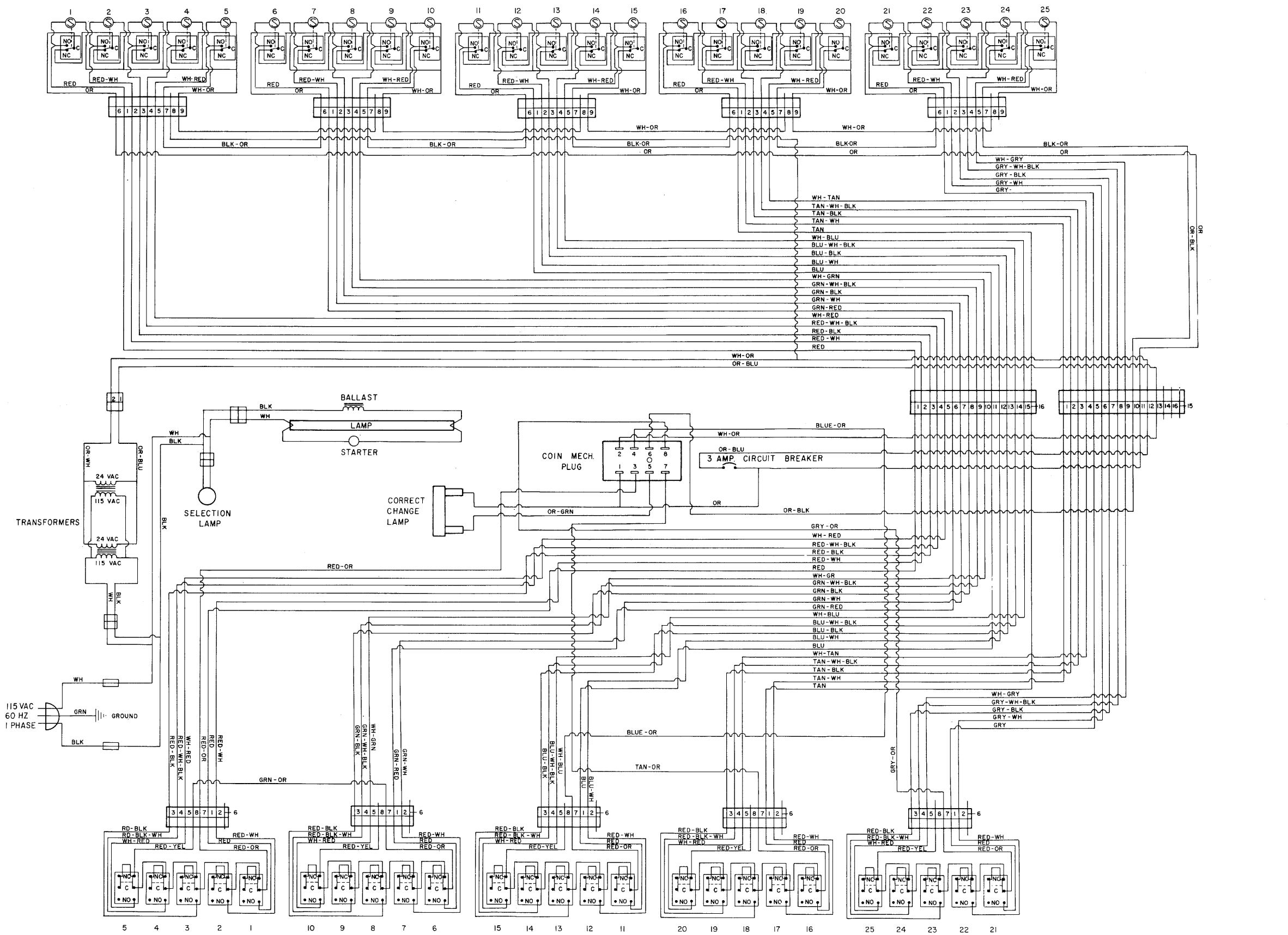


WIRING DIAGRAM
MODEL NO. 2051Q 15/3 COL.
DWG. NO. 20778



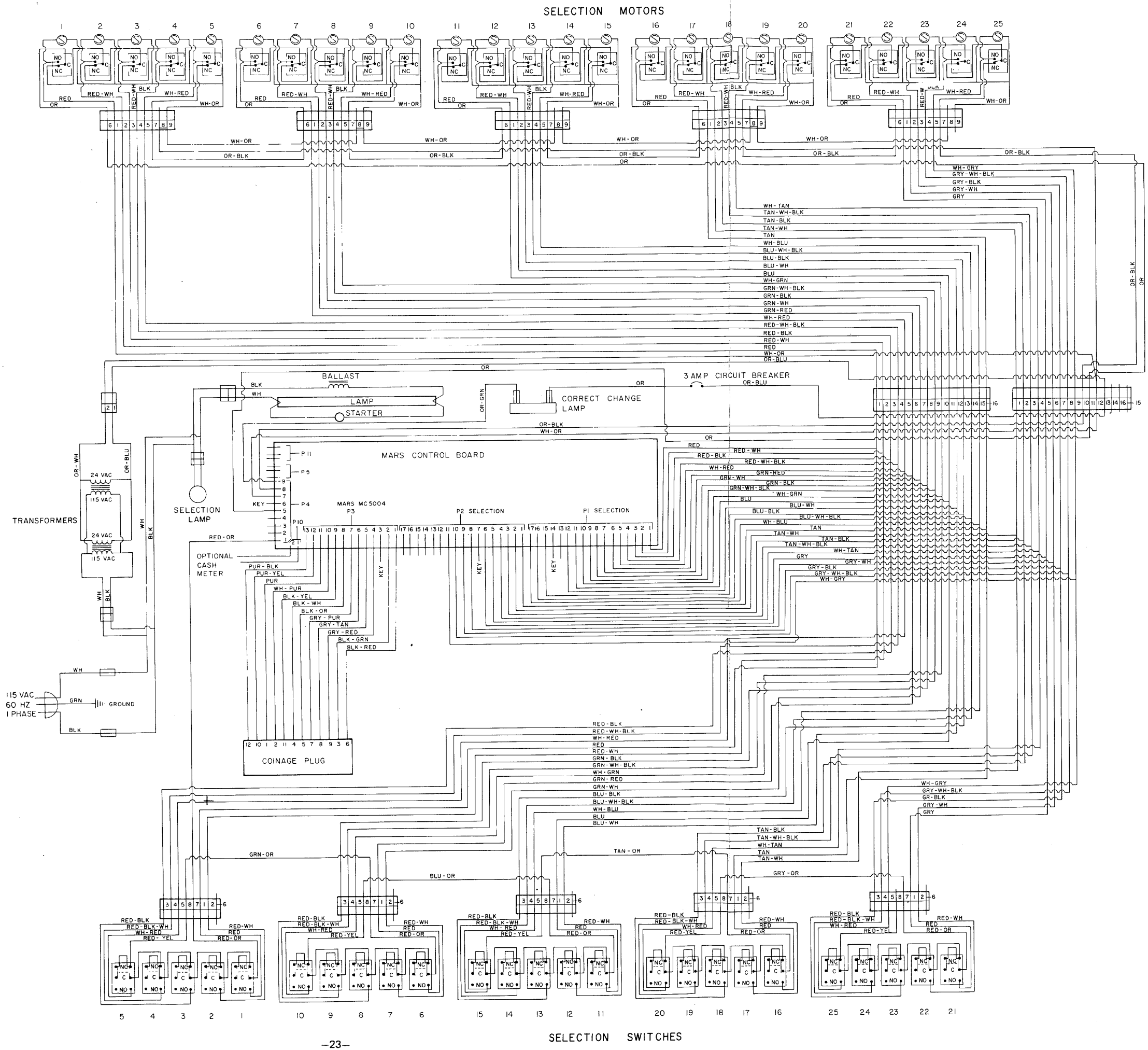
SELECTION SWITCHES

WIRING DIAGRAM
15/3 COL. 2051 R
DWG NO. 20763

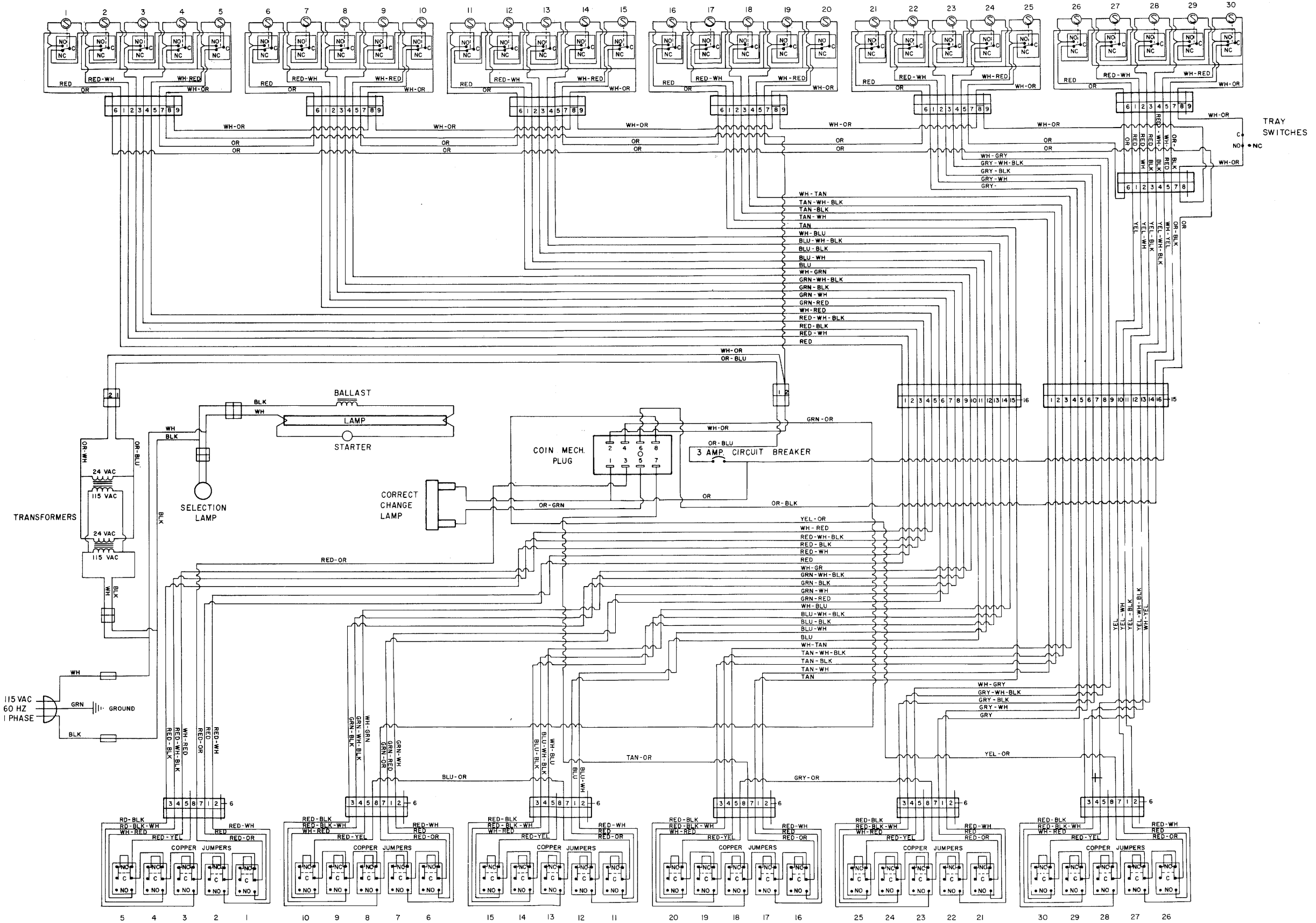


SELECTION SWITCHES

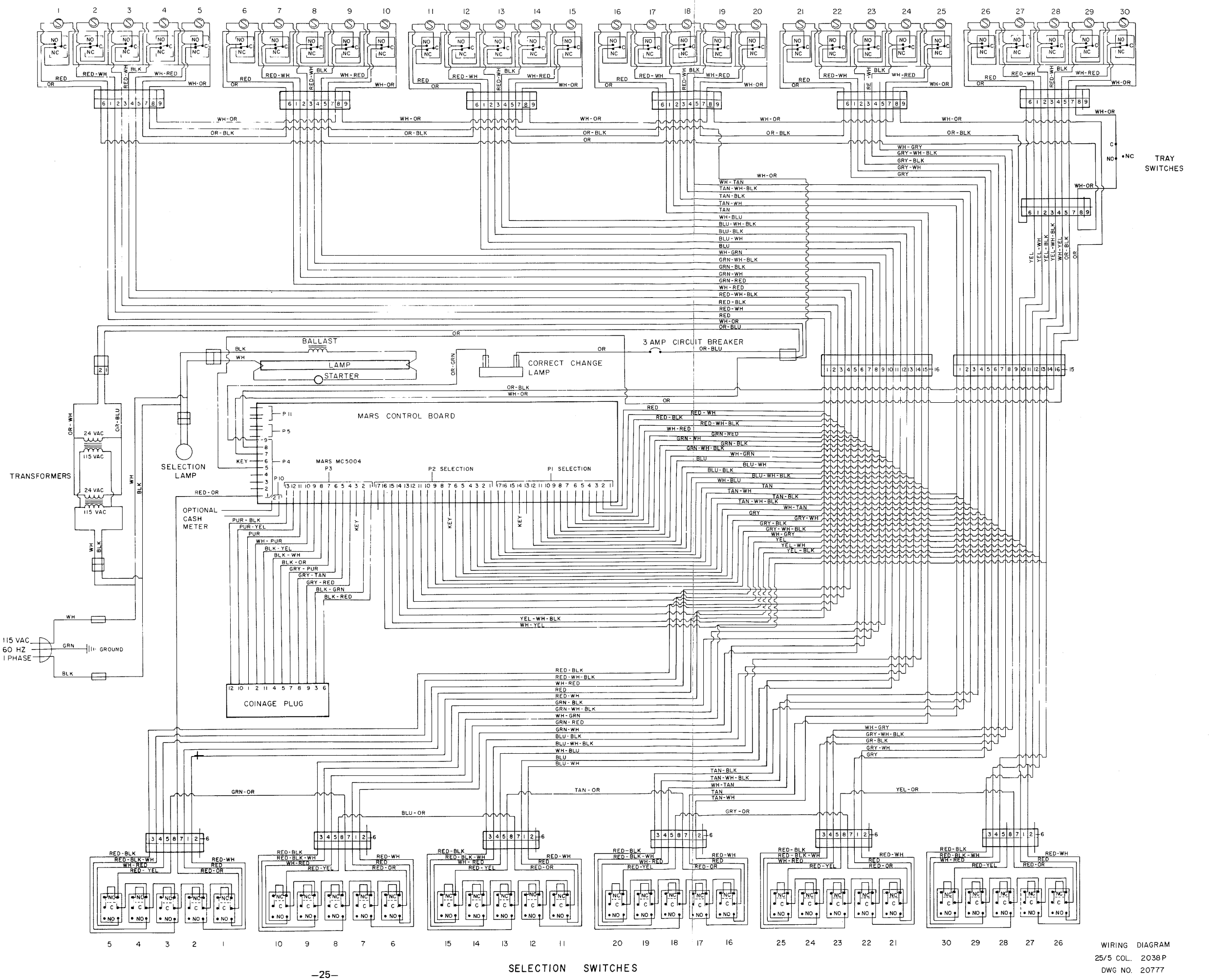
WIRING DIAGRAM
MODEL NO. 2038 N 25 COL.
DWG. NO 20754



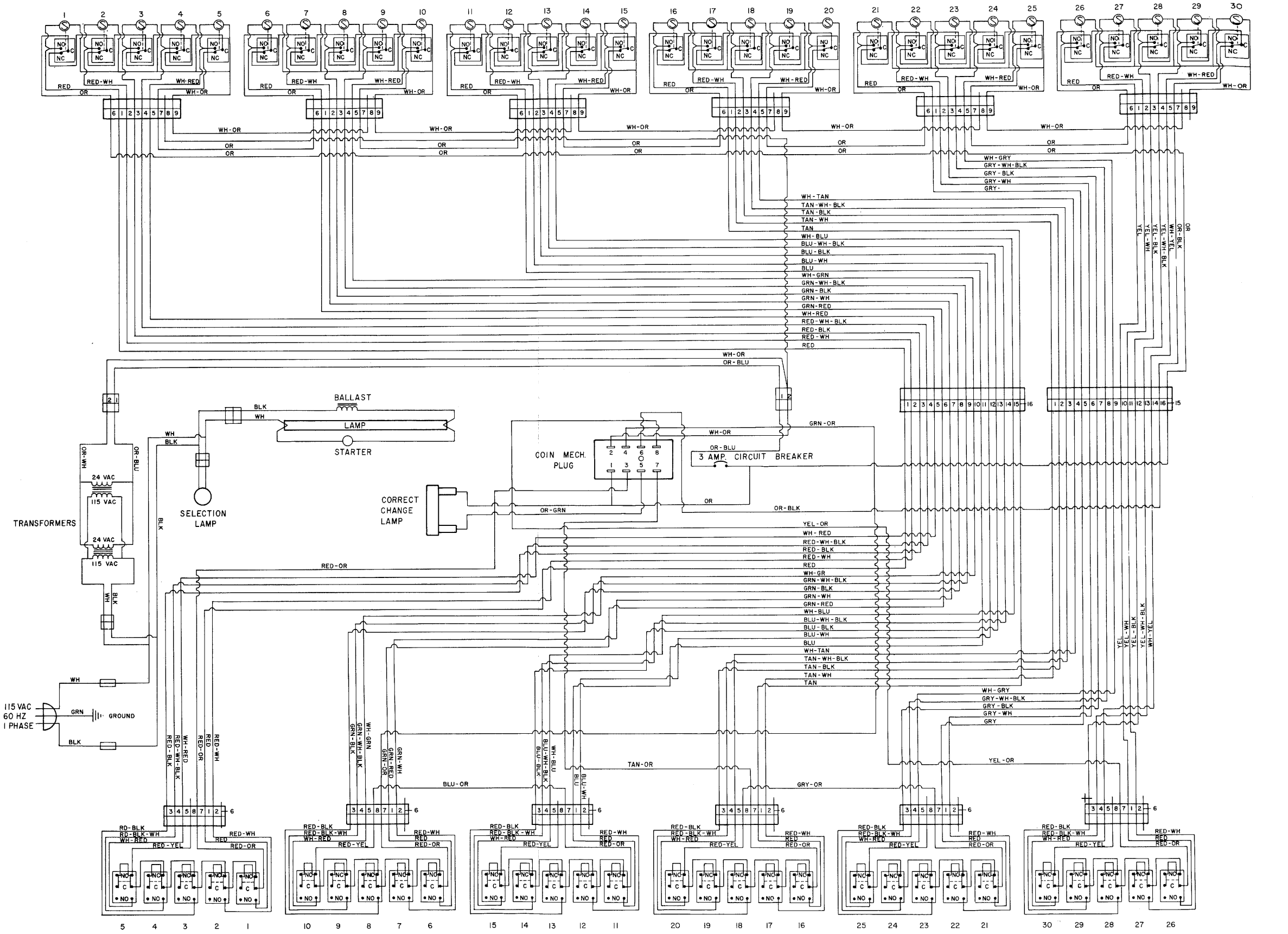
WIRING DIAGRAM
25 COL. 2038M
DWG NO. 20762



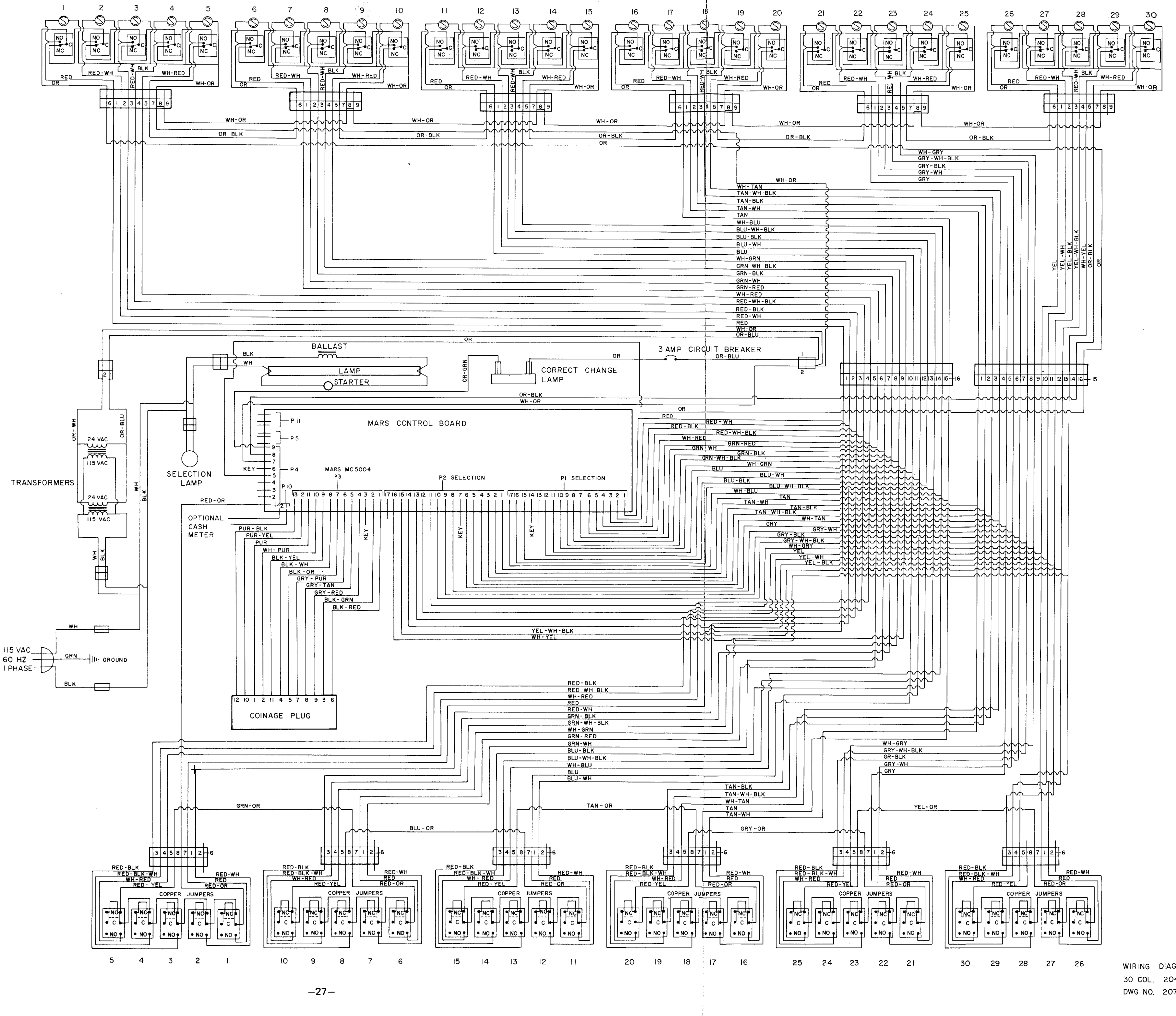
WIRING DIAGRAM
MODEL NO. 2038 Q 25/15 COL.
DWG. NO. 20776



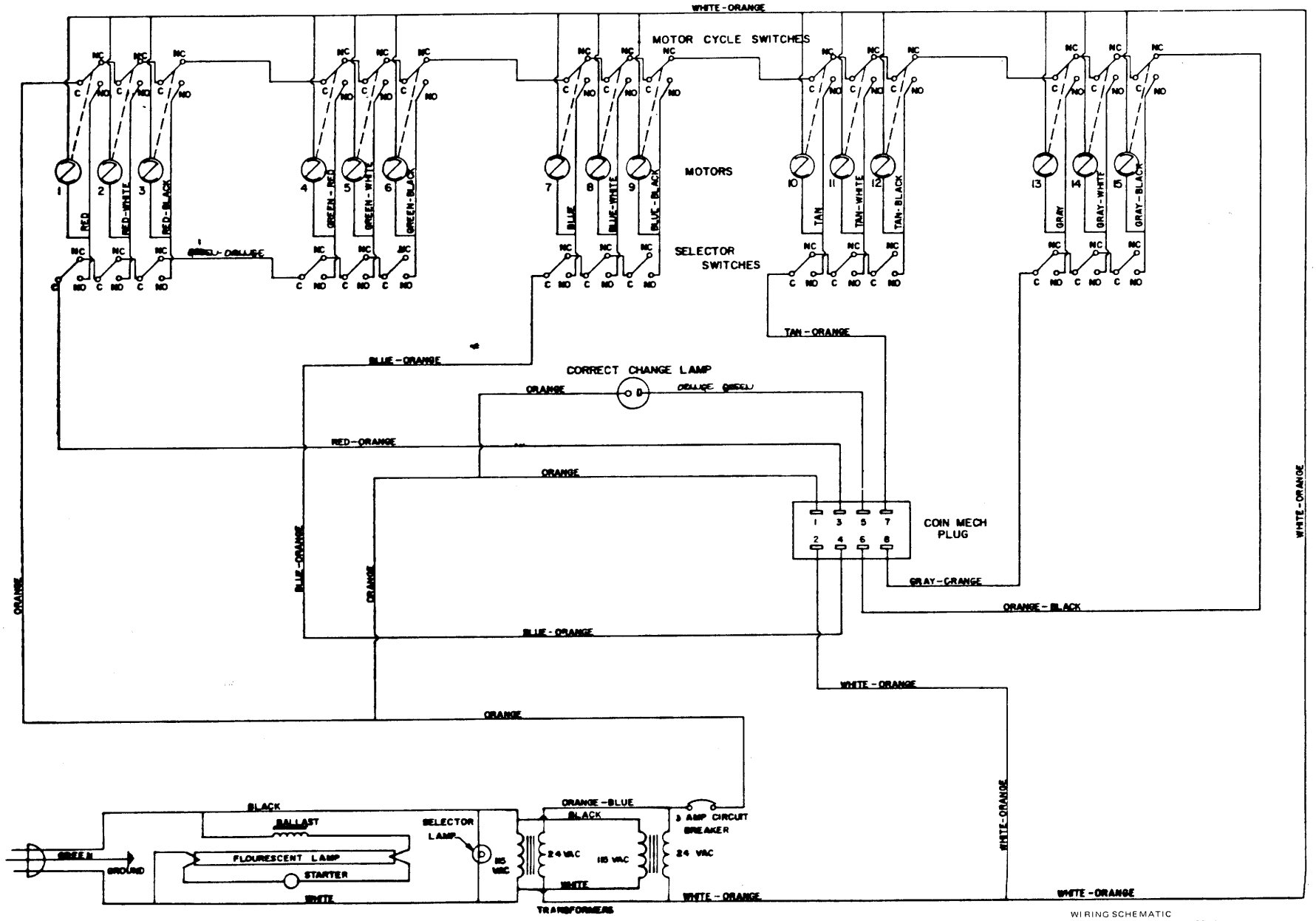
WIRING DIAGRAM
25/5 COL. 2038P
DWG NO. 20777



WIRING DIAGRAM
MODEL NO. 2042H 30 COL.
DWG. NO. 20756

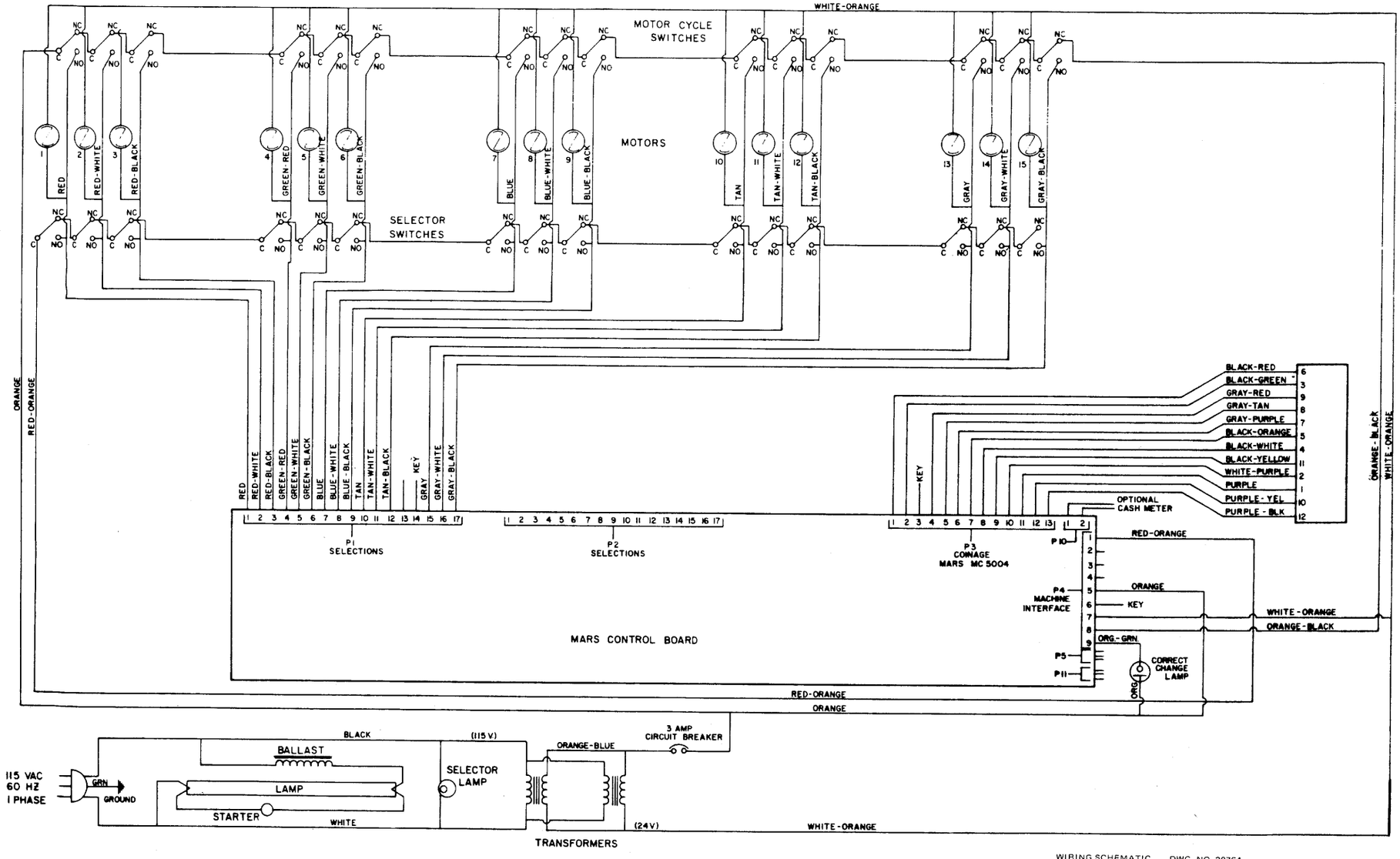


WIRING DIAGRAM
30 COL. 2042G
DWG NO. 20732



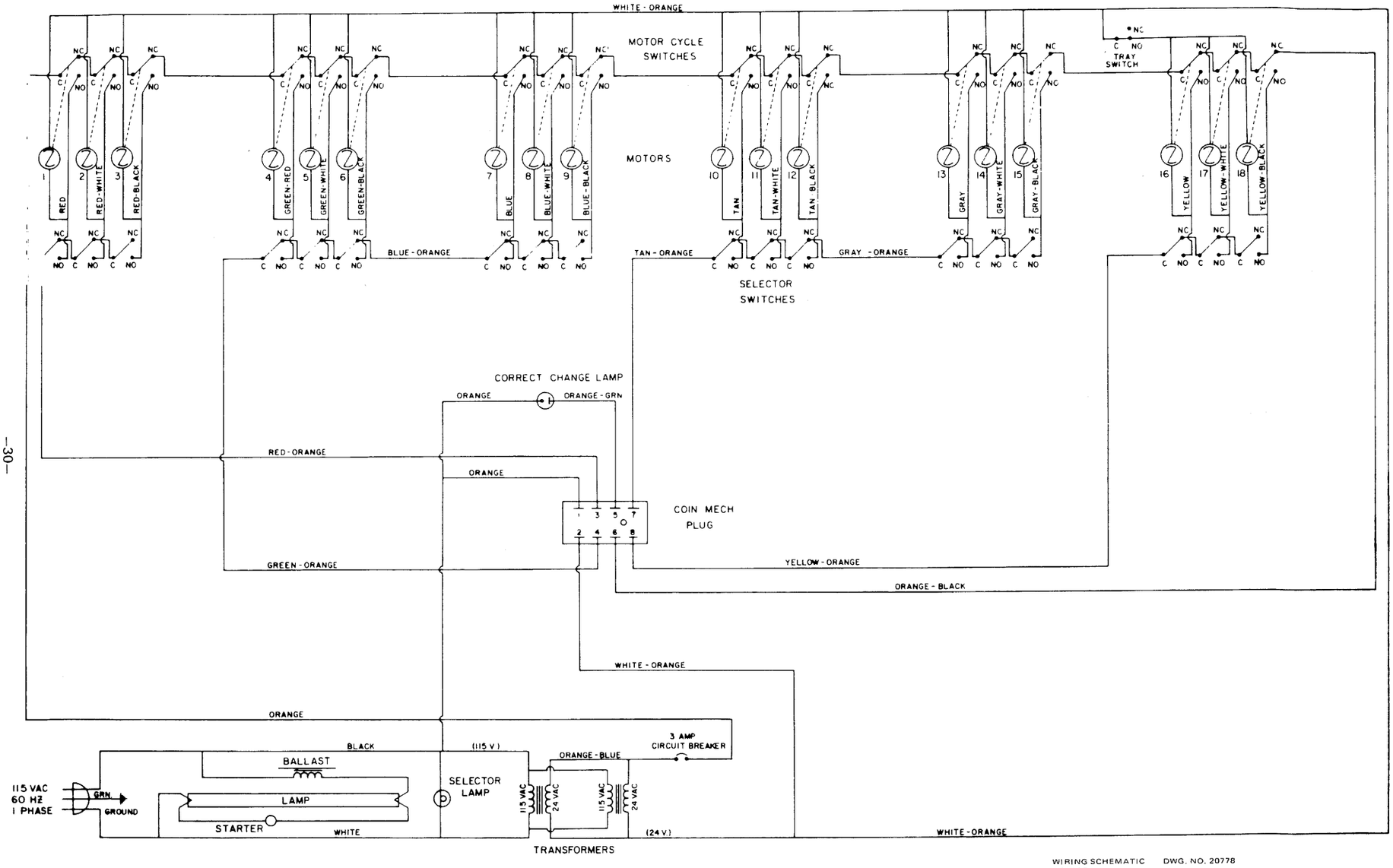
WIRING SCHEMATIC
15 COL. 2001 N
20,757

POWER ON



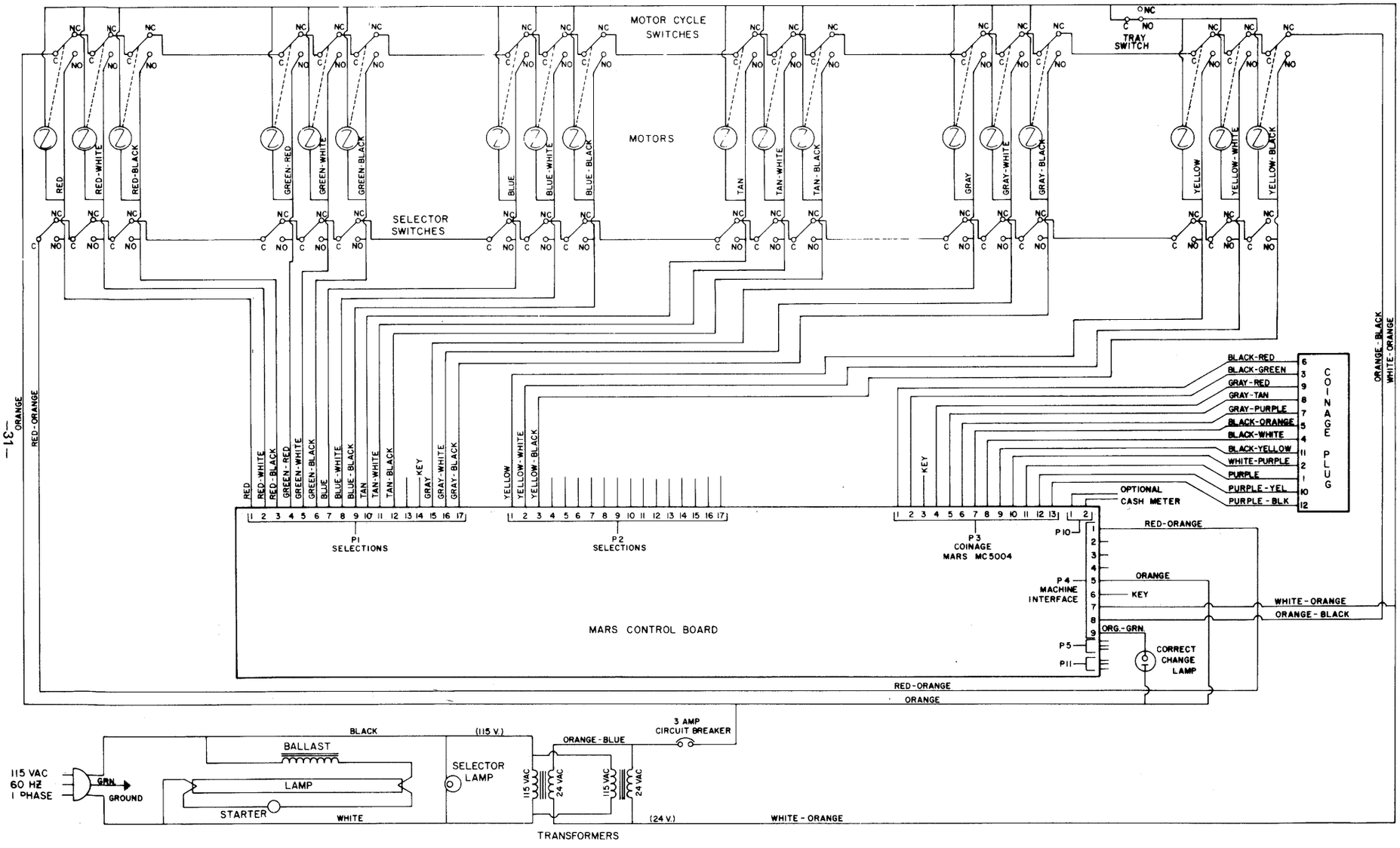
WIRING SCHEMATIC DWG. NO. 20764
MARS PACKAGE
15 COL.

POWER ON



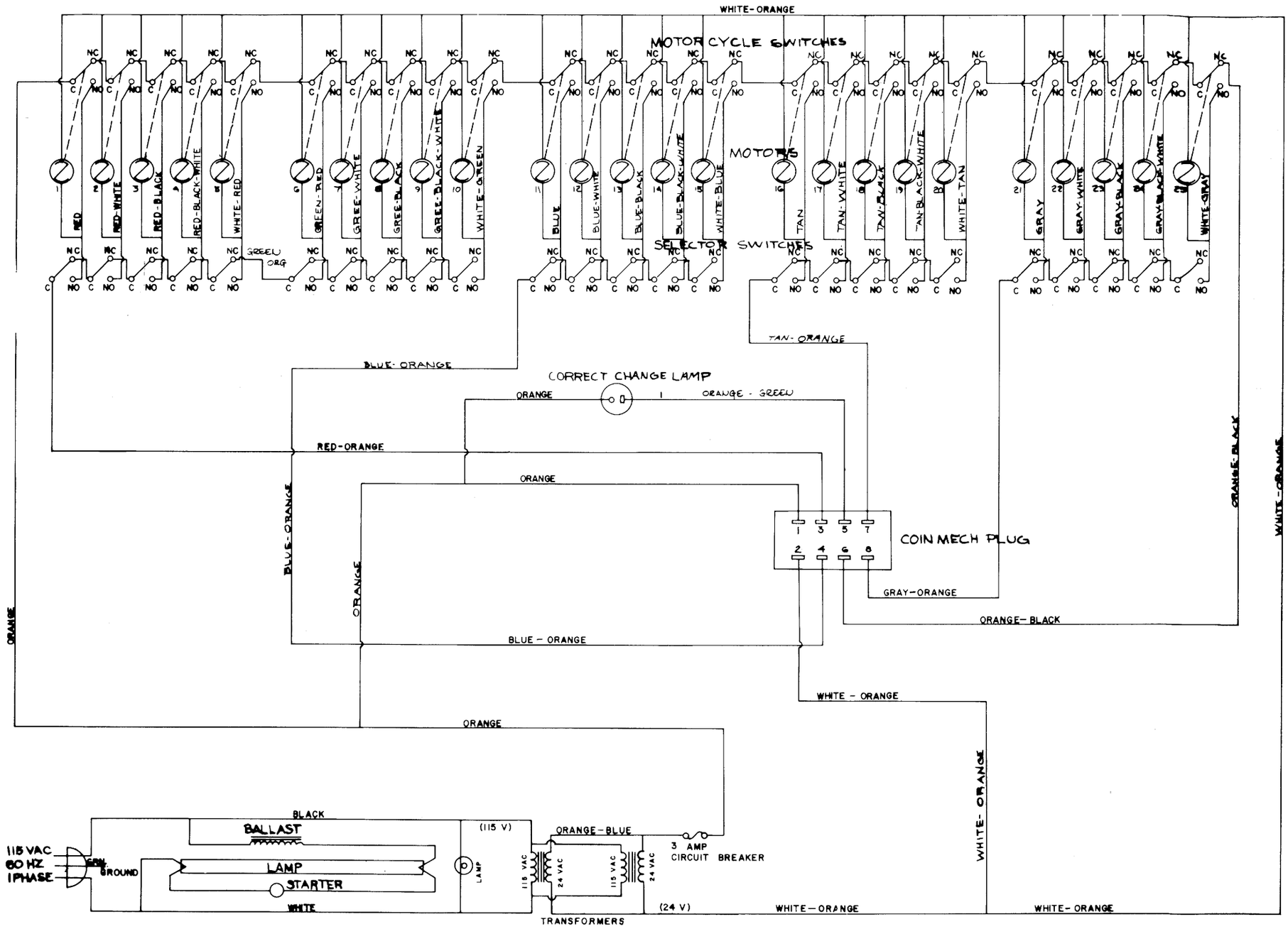
WIRING SCHEMATIC DWG. NO. 20778
4 PRICE
15/3 COL.

POWER ON

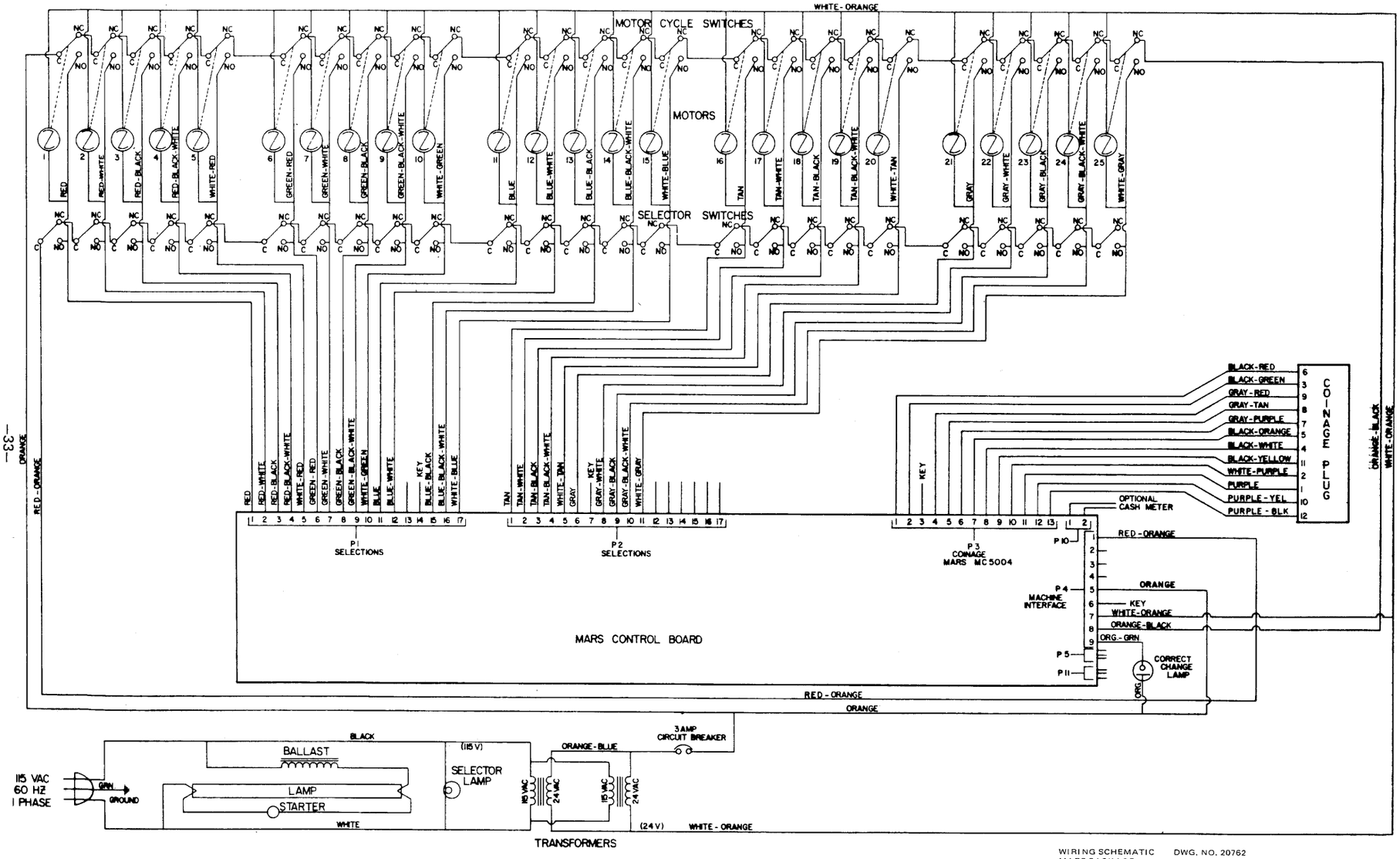


WIRING SCHEMATIC DWG. NO. 20763
MARS PACKAGE
18 COL.

POWER ON

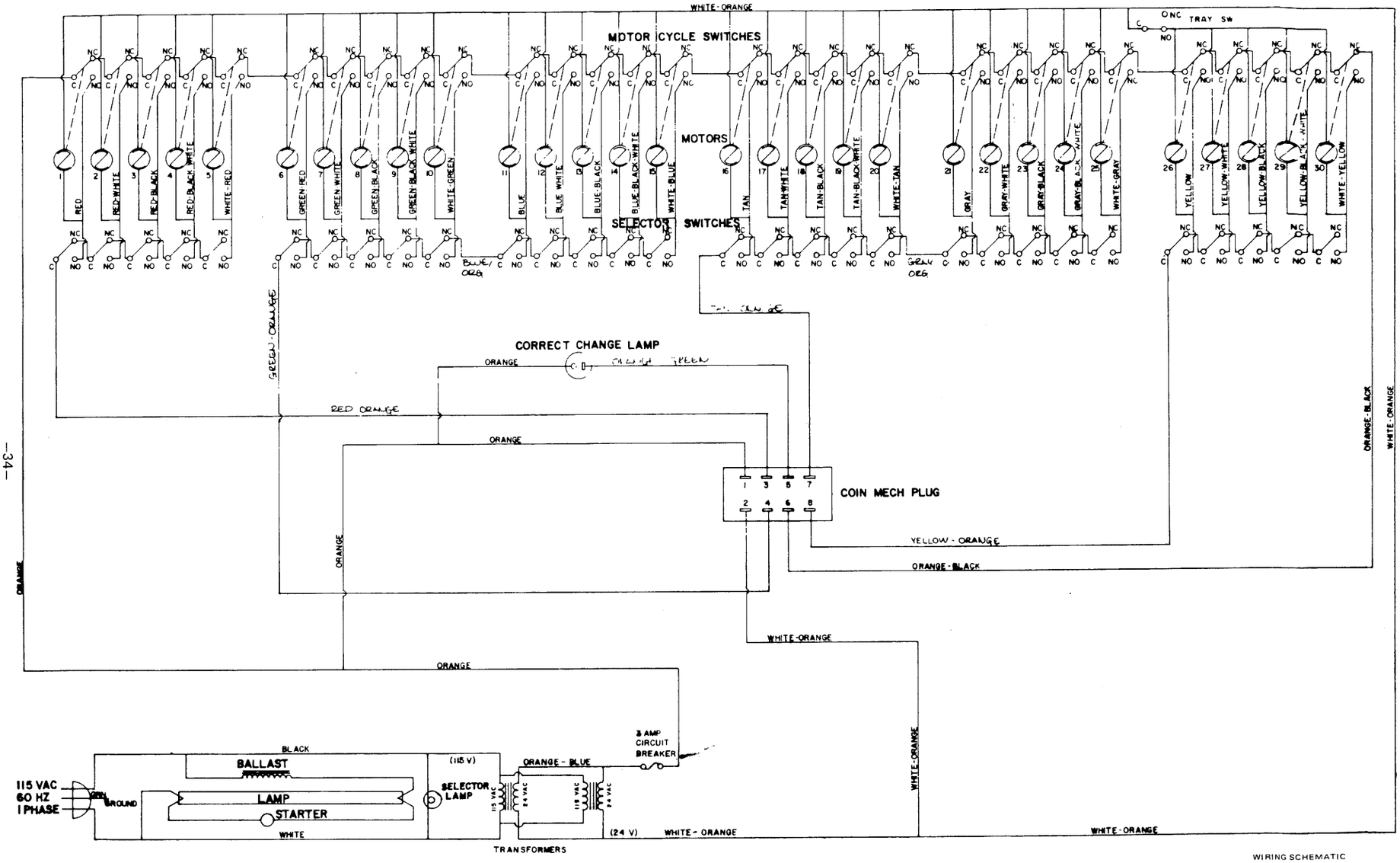


WIRING SCHEMATIC
25 COL.
20754
2038 N
POWER OF



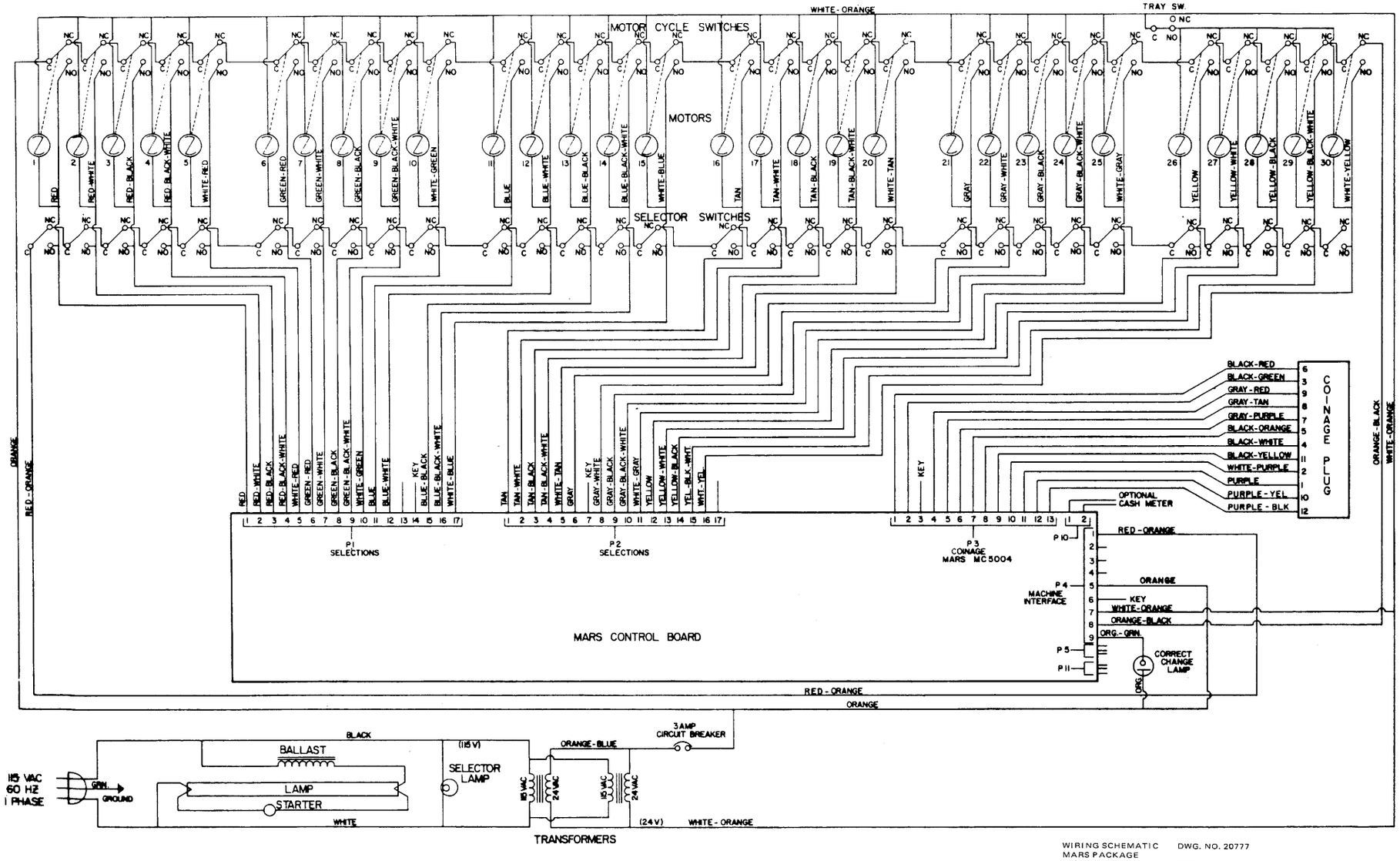
WIRING SCHEMATIC DWG. NO. 20762
MARS PACKAGE
25 COL.

POWER ON



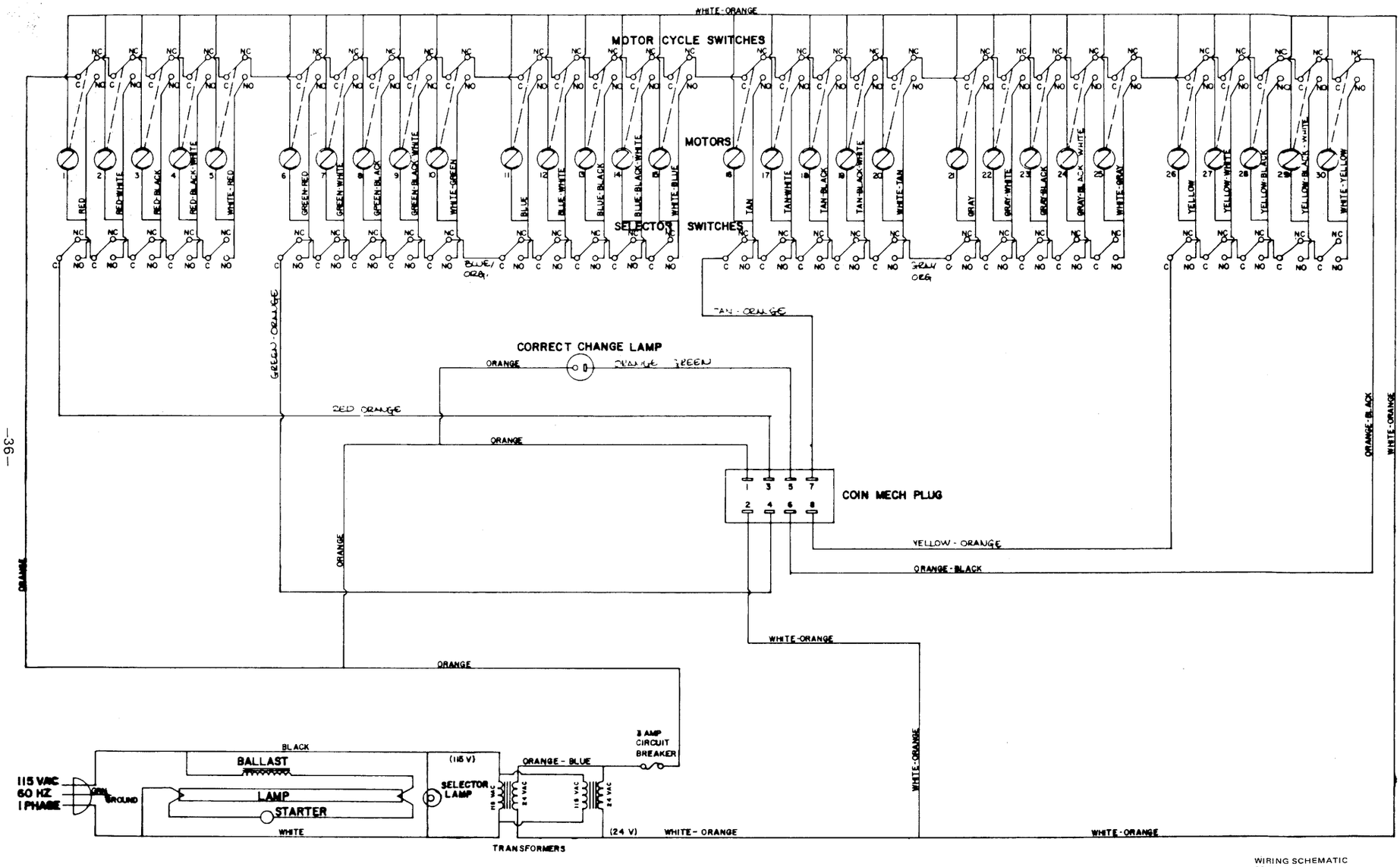
WIRING SCHEMATIC
25/5 COL.
2038 Q
DWG. NO. 20776

POWER ON



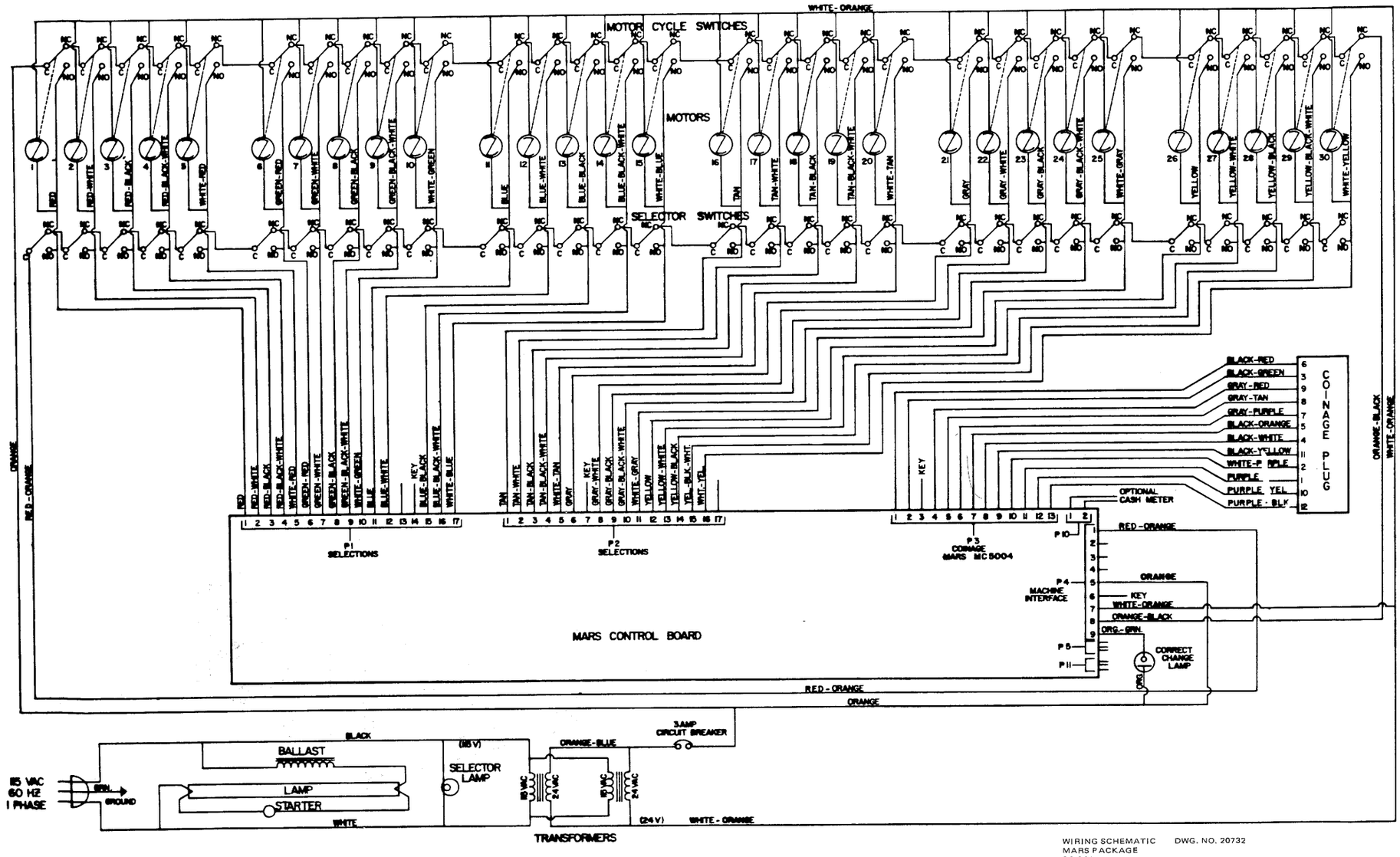
WIRING SCHEMATIC DWG. NO. 20777
MARS PACKAGE
25/5 COL. 2038 P

POWER ON



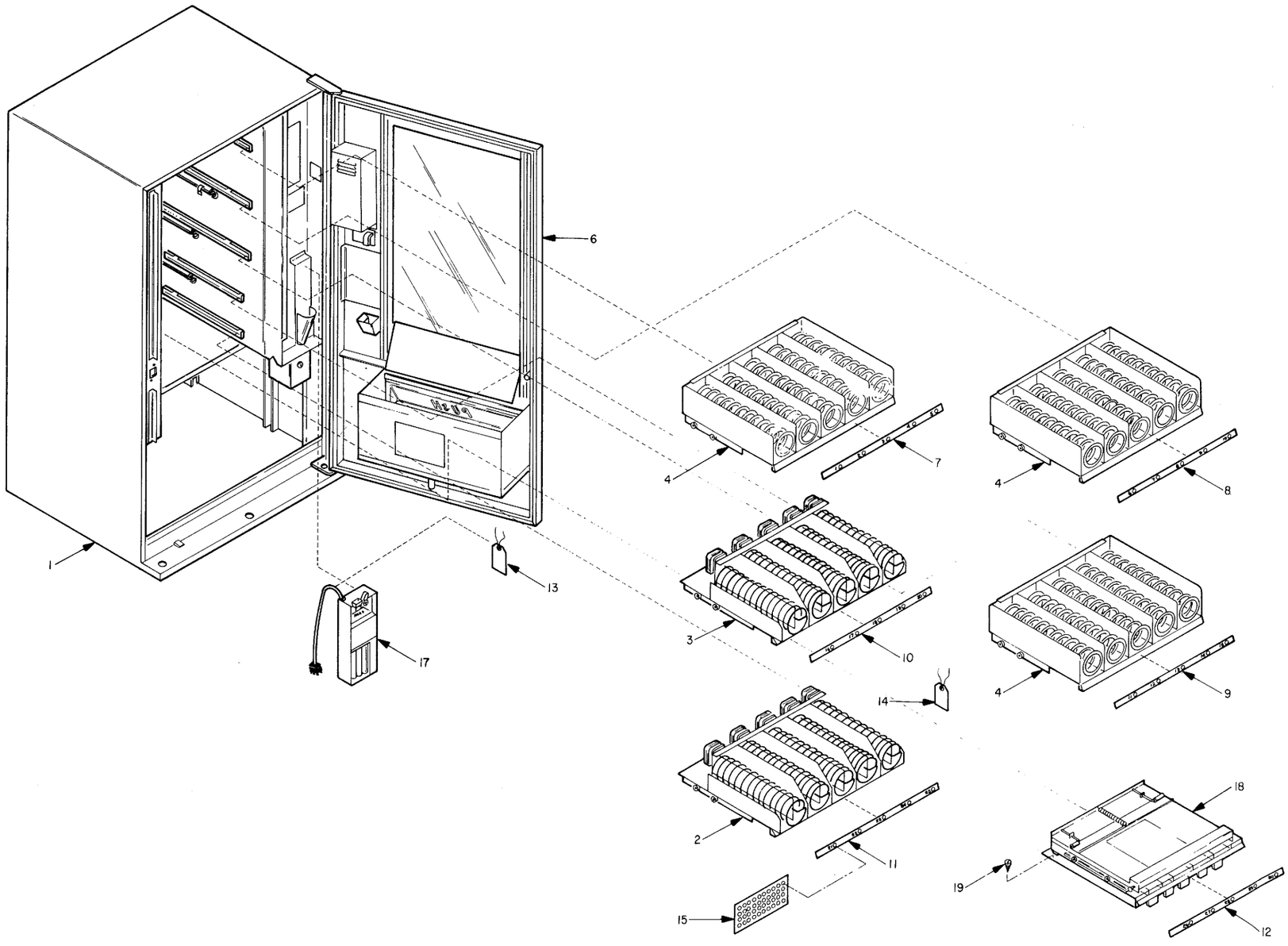
WIRING SCHEMATIC
30 COL.
2042H
DWG. NO. 20756

POWER ON



WIRING SCHEMATIC DWG. NO. 20732
MARS PACKAGE
30 COL.

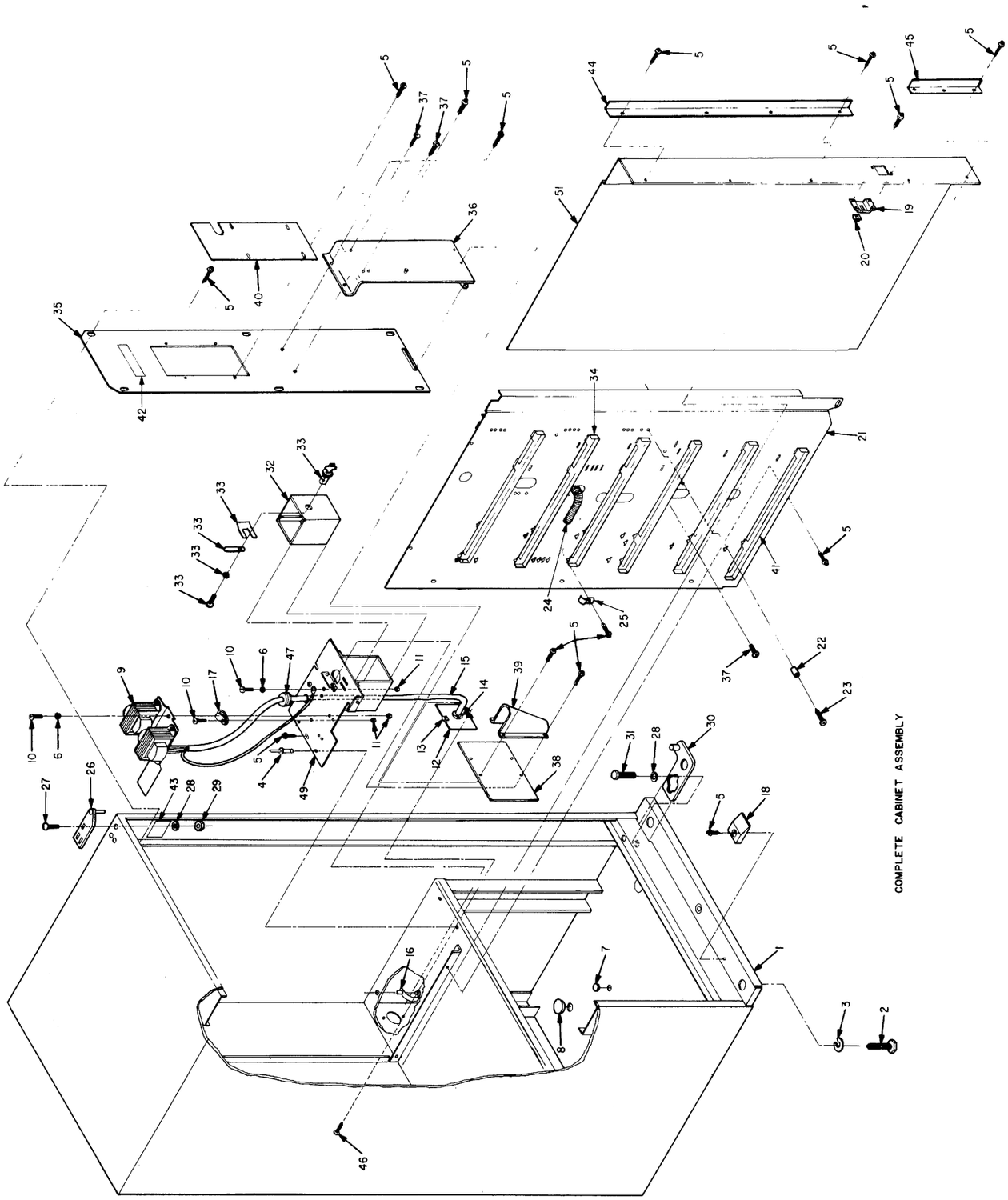
POWER ON



UNIT FINAL ASSEMBLY

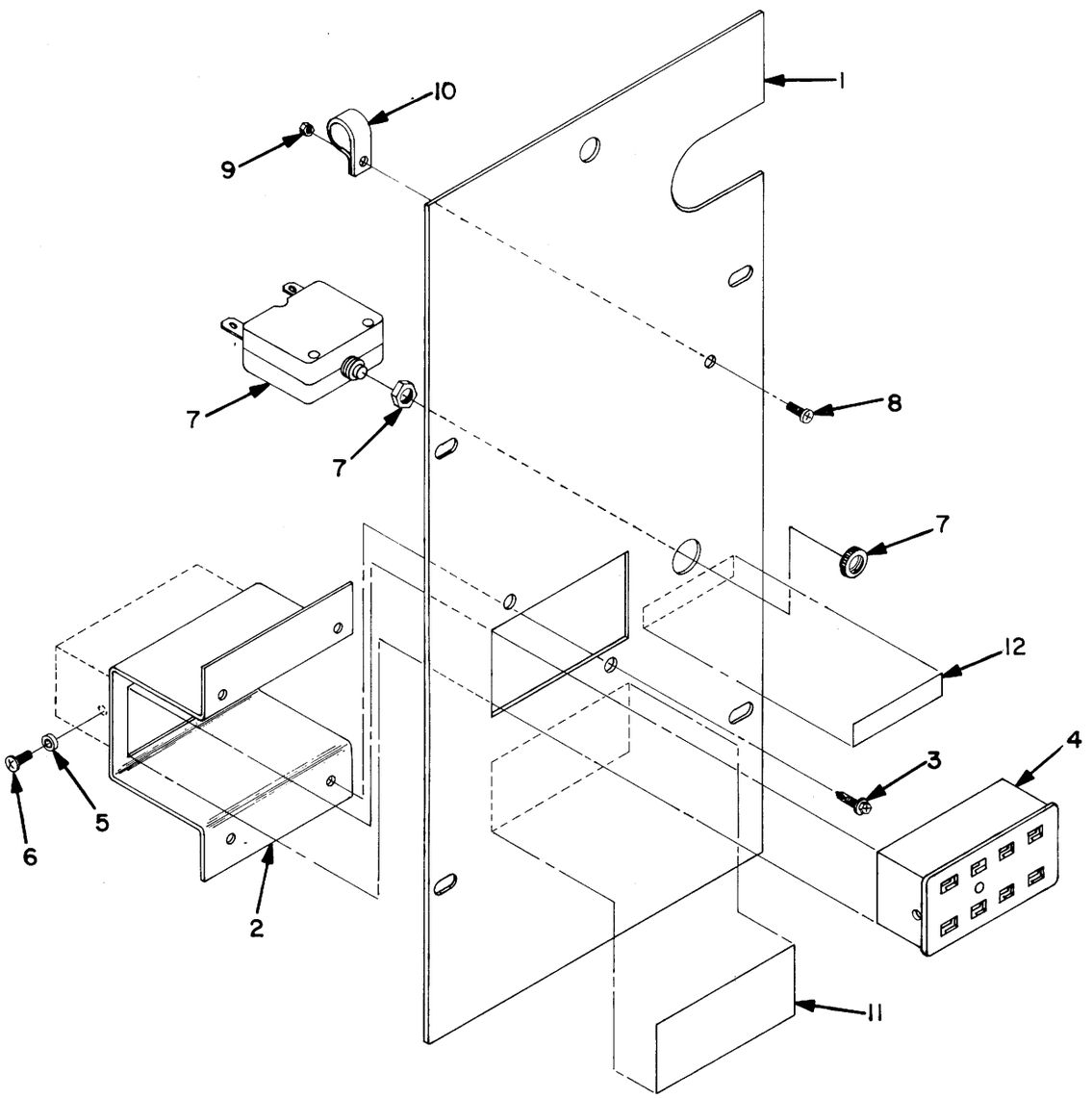
	Part Number	No. Req'd. 15	15/3	25	25/5	30	Description
1	101998	1					Complete Cabinet Assembly See Page 40
	102521		1				Complete Cabinet Assembly See Page 40
	102006			1			Complete Cabinet Assembly See Page 40
	102522				1		Complete Cabinet Assembly See Page 40
	102285					1	Complete Cabinet Assembly See Page 40
2	101919	1					Wire Helix Tray Final Assembly #5 See Page 52
	101144			1			Wire Helix Tray Final Assembly #5 See Page 52
	101143-001				1		Wire Helix Tray Final Assembly #5 See Page 52
3	101681	1					Wire Helix Tray Final Assembly #4 See Page 50
	101143-001			1			Wire Helix Tray Final Assembly #4 See Page 50
	101143-001					3	Wire Helix Tray Final Assembly #4 & 5 See Page 50
4	101682	3	3				Flat Wire Helix Tray Final Assembly See Page 48
	101125			3	3	1	Flat Wire Helix Tray Final Assembly See Page 48
5	101990	1					Round Wire Helix Tray Final Assembly #3 See Page 48
	102286					1	Flat Wire Helix Tray Final Assembly # 2 See Page 48
6	102518	1					Complete Door Assembly See Page 60
	102499		1				Complete Door Assembly See Page 60
	102519			1			Complete Door Assembly See Page 60
	102520				1	1	Complete Door Assembly See Page 60
7	20680-000	1	1				Item Selection No.'s (1-3)
	20534-002			1	1	1	Item Selection No.'s (1-5)
8	20680-001	1	1				Item Selection No.'s (4-6)
	20535-002			1	1	1	Item Selection No.'s (6-10)
9	20680-002	1	1				Item Selection No.'s (7-9)
	20536-002			1	1	1	Item Selection No.'s (11-15)
10	20680-003	1	1				Item Selection No.'s (10-12)
11	20680-004	1	1				Item Selection No.'s (13-15)
	20538-002			1	1	1	Item Selection No.'s (21-25)
	20749-1				1		Item Selection No.'s (26-30)
	20539-002					1	Item Selection No.'s (26-30)
	20480	1	1	1	1	1	Tag (for 24 volt service only)
	20491	1	1	1	1	1	Caution Tag
12	(not shown)						
	20734-000	1	1	1	1	1	Price Tab Sheet 25¢ - 35¢
13	20734-001	1	1	1	1	1	Price Tab Sheet 15¢ - 20¢
14	20735-000	1	1	1	1	1	Price Tab Sheet 40¢ - 50¢
15	20735-001	1	1	1	1	1	Price Tab Sheet $1.55
	20736-000	1	1	1	1	1	Price Tab Sheet 55¢ - 65¢
	20736-001	1	1	1	1	1	Price Tab Sheet $1.60
	20737-000	1	1	1	1	1	Price Tab Sheet 70¢ - 80¢

Item	Part Number	No. Req'd. 15	15/3	25	25/5	30	Description
	20737-001	1	1	1	1	1	Price Tab Sheet $1.65
	20738-000	1	1	1	1	1	Price Tab Sheet 85¢ - 95¢
	20738-001	1	1	1	1	1	Price Sheet $1.70
	20739-000	1	1	1	1	1	Price Tab Sheet $1.00 - $1.10
	20739-001	1	1	1	1	1	Price Tab Sheet $1.75
	20740-000	1	1	1	1	1	Price Tab Sheet $1.15 - $1.25
	20740-001	1	1	1	1	1	Price Tab Sheet $1.80
	20741-000	1	1	1	1	1	Price Tab Sheet $1.30 - $1.50
	20741-001	1	1	1	1	1	Price Tab Sheet $1.85
	20742-000	1	1	1	1	1	Price Tab Sheet $1.90 - $3.00
	20742-001	1	1	1	1	1	Price Tab Sheet $3.10 - $3.15
16	102456	1					Complete Wire Harness Assembly (MARS)
	33042	5	6				Tray Harness
	34212	1	1	1	1	1	110 Volt Light Harness
	33975	1	1	1	1	1	Transformer Harness 24 Volt
	33976	1	1	1	1	1	Transformer Harness 110 Volt
	34235	1					Control Harness (MARS)
	33044	1					Main Harness
	34233	5	6				Push Button Harness
	34234	1	1				Fluorescent Lamp Harness
	33960	1	1	1	1	1	Tray Jumper Plug
	34170	1	1	1	1	1	Motor Jumper
	102457	1					Complete Wire Harness Assembly (4-PRICE)
	34232	1					Control Harness (4-PRICE)
	102458		1				Complete Wire Harness Assembly (MARS)
	34237		1				Control Harness (MARS)
	34238		1				Main Harness
	34230		1		1		Gum and Mint Adapter
	102459		1				Complete Wire Harness Assembly (4-PRICE)
	34236		1				Control Harness (4-PRICE)
	102430			1			Complete Wire Harness Assembly (MARS)
	33903			5	6	6	Tray Harness
	34215			1			Control Harness (MARS)
	33905			1			Main Harness
	34214			5	6	6	Push Button Harness
	34213			1	1	1	Fluorescent Lamp Harness
	102431			1			Complete Wire Harness Assembly (4-PRICE)
	34216			1			Control Harness (4-PRICE)
	102527				1		Complete Wire Harness Assembly (MARS)
	34210				1	1	Control Harness (MARS)
	33979				1	1	Main Harness
	102526				1		Complete Wire Harness Assembly (4-PRICE)
	34217				1	1	Control Harness (4-PRICE)
	102429					1	Complete Wire Harness Assembly (MARS)
	102432	1				1	Complete Wire Harness Assembly (4-PRICE)
17	34226	1	1	1	1	1	Mars MC-5010 Coin Mechanism
	60438	1	1	1	1	1	F300-9402-977 Coinco $3.00 24 V.
18	102439		1				Complete Gum and Mint Assembly
	102434				1		Complete Gum and Mint Assembly
19	50202		4		4		8-18 x ½ Phil/Hex Washer Hd. Tek

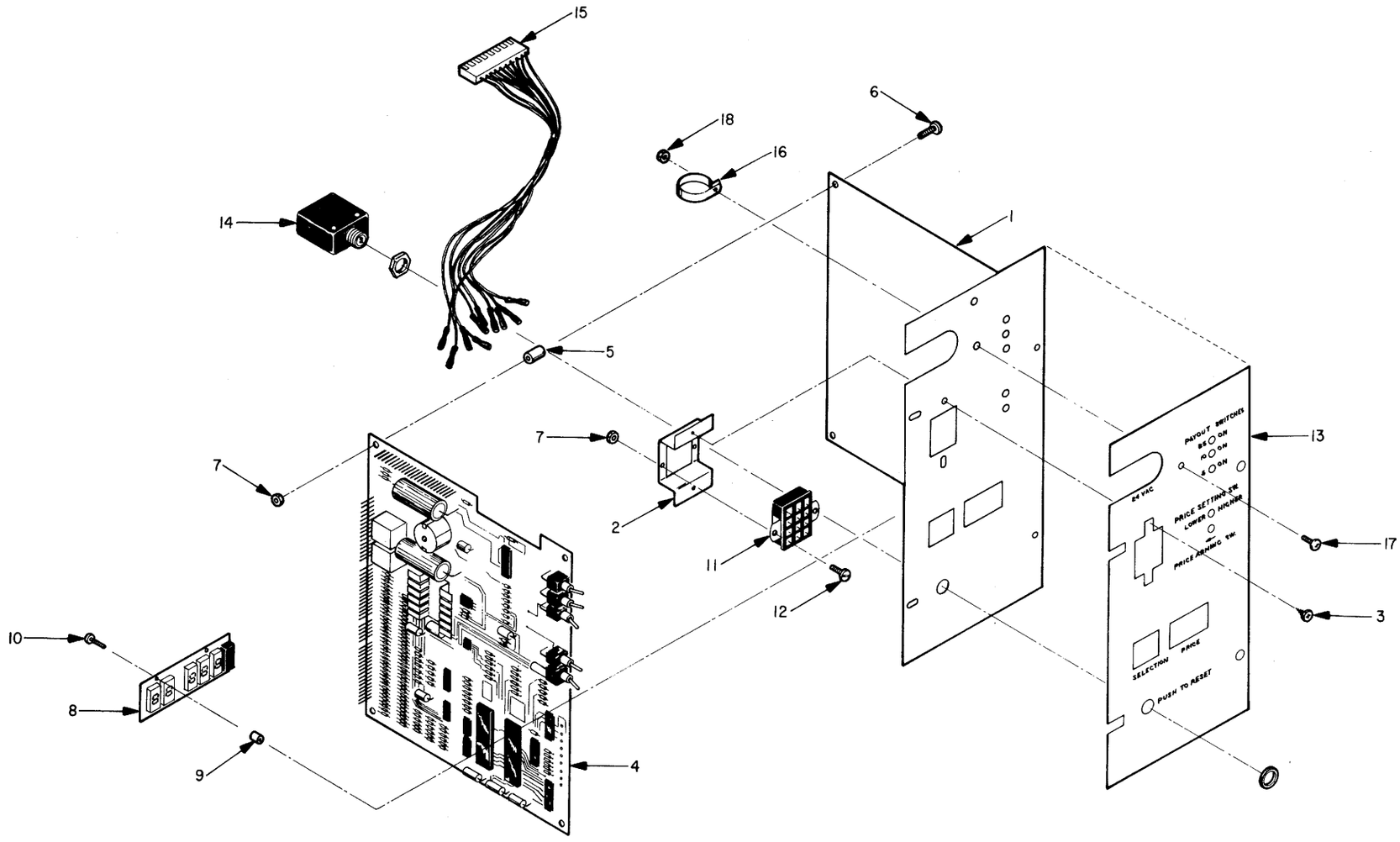

COMPLETE CABINET ASSEMBLY

Item	Part Number	No. Req'd. 15	15/3	25	25/5	30	Description
1	101590	1	1				Complete Cabinet Weld Assembly
	100794-001			1	1	1	Complete Cabinet Weld Assembly
2	60310	4	4	4	4	4	Leg Levelers
3	9927	4	4	4	4	4	Leg Leveler Washer
4	50685	2	2	2	2	2	3/16 x ¼ Pop Rivet
5	50202	33	33	33	33	33	#8-18 x ½ Phil/Hex Washer Hd. Tek
6	50585	7	7	7	7	7	#8 Ext. Shakeproof Lockwasher
7	25-0135-001	2	2	2	2	2	Floor Plug ½"
8	25-0135-002	3	3	3	3	3	Floor Plug 1"
9	101657	1	1	1	1	1	Transformer Assembly- Complete
10	50240	6	6	6	6	6	#8-32 x 3/8 Phil Pan Hd. M.S.
11	50513	8	8	8	8	8	#8-32 Twin Whiz Lock Nut
12	8548	1	1	1	1	1	Power Cord Plate
13	50595-001	2	2	2	2	2	Tinnerman Speed Nut
14	33683	1	1	1	1	1	Strain Relief Bushing
15	33631	1	1	1	1	1	3 Wire Power Cord
16	60230	1	1	1	1	1	Plastic Clamp (Tinnerman)
17	60116	1	1	1	1	1	Plastic Wire Clamp 3/8
18	25610	1	1	1	1	1	Door Glide
19	9831	1	1	1	1	1	Lock Nut Bracket
20	50760	1	1	1	1	1	½-13 Lock Nut
21	102464-000	1	1	1	1	1	Right Panel Weld Assembly
22	60174	6	6	6	6	6	Stop Bushing
23	50241	6	6	6	6	6	#8-18 x 3/4 Phil. Pan Hd. Type "AB" S.M.S.
24	33044	x					Main Harness (not shown)
	34238		x				Main Harness (not shown)
	33905			x			Main Harness (not shown)
	33979				x	x	Main Harness (not shown)
25	50750	5	6	5	6	6	½" Conduit Clamp (Wire)
26	101127	1	1	1	1	1	Upper Hinge Stake Assembly
27	50099	3	3	3	3	3	5/16-18 x 3/4 Carrage Bolt
28	18-6148-000	5	5	5	5	5	5/16 Lock Nut Washer Plt'd
29	50066	3	3	3	3	3	5/16 Hex Nut Plt'd
30	60-0018-000	1					Lower Hinge Stake Assembly
31	50072	2	2	2	2	2	5/16-18 x 3/4 Hex. Hd. Bolt
32	101137	1	1	1	1	1	Coin Box Weld Assembly
33	60366-xxx	1	1	1	1	1	Lock (w/cam)
34	3717-000	5	5	5	5	6	Drawer Guide
35	9814-00	1	1	1	1	1	Front Control Panel
	3410	1	1	1	1	1	Front Control Panel
36	101266-000	1	1	1	1	1	Coin Mech. Bracket Assembly
37	50180	12	12	12	12	14	#8-18 x ½ Phil. Pan Hd. Tek
38	9998	1	1	1	1	1	Plate-Transformer Cover
39	9969-000	1	1	1	1	1	Coin Chute
40	102512	1				1	Complete Relay Panel Assembly. See Page 44
	102516	1				1	Complete Relay Panel Assembly. See Page 42
	102517		1				Complete Relay Panel Assembly. See Page 42
	102511		1				Complete Relay Panel Assembly. See Page 44
	120514			1			Complete Relay Panel Assembly. See Page 42
	102510			1			Complete Relay Panel Assembly. See Page 44
	102515				1		Complete Relay Panel Assembly. See Page 42
	102409				1		Complete Relay Panel Assembly. See Page 44
	102753	1					Complete Multi-Price II Realy Panel Assembly. See Page 46
	102762		1				Complete Multi-Price II Realy Panel Assembly. See Page 46
	102763			1			Complete Multi-Price II Relay Panel Assembly. See Page 46
	102764				1	1	Complete Multi-Price II Relay Panel Assembly. See Page 46
41	3717-001	5	5	5	5	6	Drawer Guide
42	20687	1	1	1	1	1	Model Label
43	20425	1	1	1	1	1	Patent Label
44	8692	1	1	1	1	1	Angle-Anti Pilferage- Upper
45	8693	1	1	1	1	1	Angle-Anti Pilferage- Lower
46	33-1309-000	2	2	2	2	2	#8 x ½ Phil. Truss Hd. S.M.S. Type "A"
47	33672	1	1	1	1	1	Rubber Grommet
48	60419	4	4	4	4	4	T-4 Cap Plug (goes in extra weld nuts for leg levelers) (not shown)
49	101547	1	1	1	1	1	Coin Box Holder Weld Assembly
50	100422	1	1	1	1	1	Power Cord Plate Assembly
51	3731-000	1	1	1	1	1	Left Side Panel
52	50371	1	1	1	1	1	¼-14 x 3/4 Ind. Hex Washer Hd. Teks (not shown)
53	33527	2	2	2	2	2	Line Splice Connectors (not shown)

COMPLETE RELAY PANEL ASSEMBLY
FOR 4-PRICE MACHINE
DWG. NO. 102516 FOR 15 SELECTION
DWG. NO. 102517 FOR 15/3 SELECTION
DWG. NO. 102514 FOR 25 SELECTION
DWG. NO. 102515 FOR 25/5 & 30 SELECTION



Item	Part Number	No. Req'd.					Description
		15	15/3	25	25/5	30	
1	9891-000	1	1	1	1	1	Relay Panel
2	9836	1	1	1	1	1	Jones Plug Bracket
3	50202	2	2	2	2	2	#8-18 x ½ Phil. Hex Washer Hd. Tek
4	33607	1	1	1	1	1	Female Plug (Coin Mechanism)
5	50112	2	2	2	2	2	#6-32 x ¼ Phil. Pan Hd. M.S.
6	50617	2	2	2	2	2	Washer
7	33071	1	1	1	1	1	3 Amp Circuit Breaker
8	60134	1	1	1	1	1	Plastic Wire Clamp
9	50247	1	1	1	1	1	#8-32 x ½ Phil. Pan Hd. M.S.
10	50513	1	1	1	1	1	#8-32 Twin Whiz Nut
11	20417	1	1	1	1	1	Electrical Decal
12	20487	1	1	1	1	1	Push to Reset Decal
13							
	34232	1					Relay Harness (not shown)
	34236		1				Relay Harness (not shown)
	34216			1			Relay Harness (not shown)
	34217				1	1	Relay Harness (not shown)
14							
	101250	1	1	1	1	1	Relay Panel Assembly (not shown)



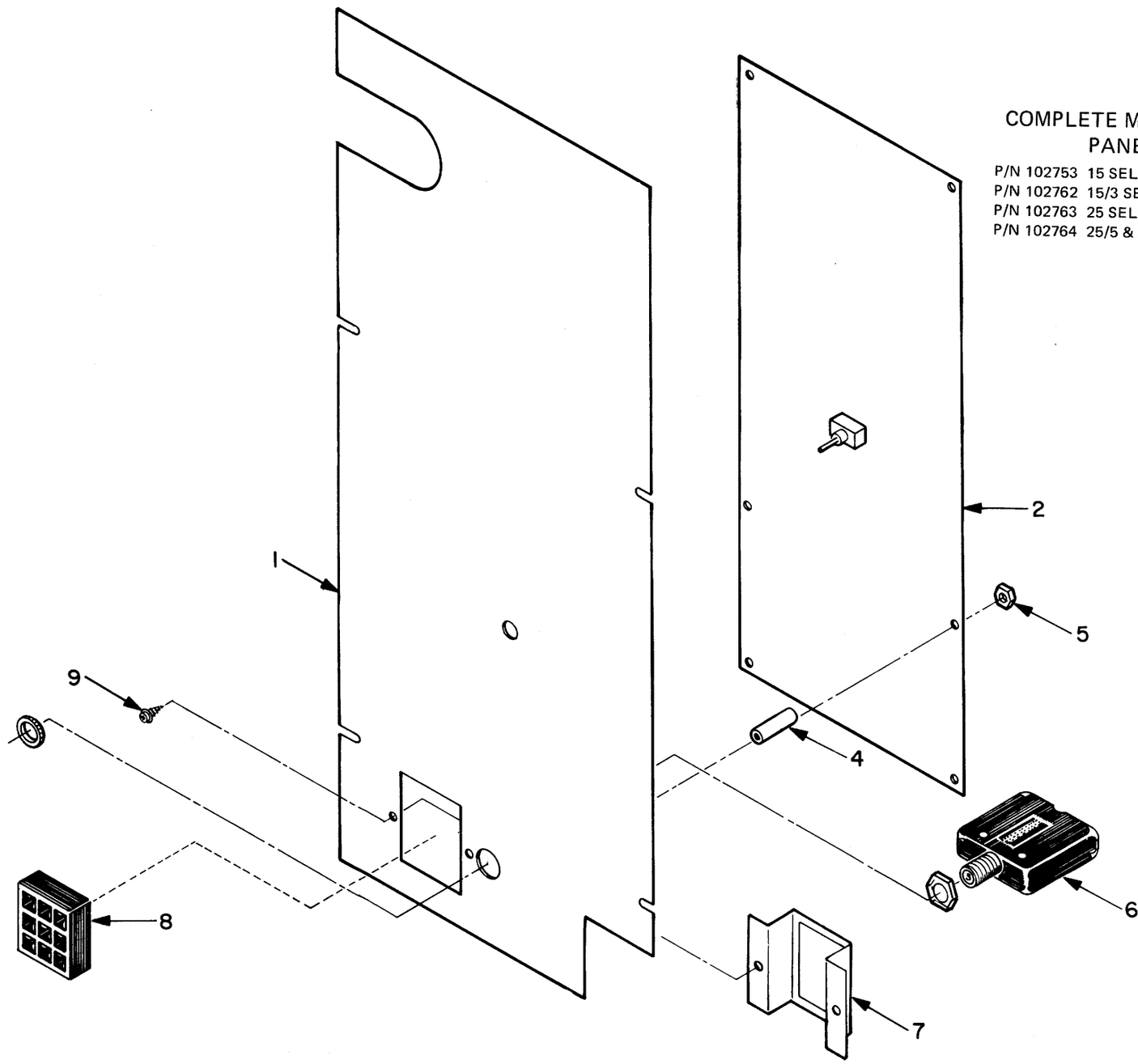
COMPLETE RELAY PANEL ASSEMBLY

P/N 102512	15 SELECTION
P/N 102511	15/3 SELECTION
P/N 102510	25 SELECTION
P/N 102409	25/5 & 30 SELECTION

Item	Part Number	No. Req'd.					Description
		15	15/3	25	25/5	30	
1	102408	1	1	1	1	1	Relay Panel Weld Assembly
2	3729	1	1	1	1	1	Coin Mech. Mounting Bracket
3	50202	2	2	2	2	2	#8-18 x ½ Phil/Hex Washer Hd. Tek
4	34221	1	1	1	1	1	Circuit Board
5	34224	5	5	5	5	5	¼ Diax 7/16 Stand-offs to Except #6
6	50136	5	5	5	5	5	#6-32 x 5/8 Phil. Pan Hd. M.S.
7	50505	7	7	7	7	7	#6-32 Twin Whiz Nut
8	34222	1	1	1	1	1	Display Board
9	34225	1	1	1	1	1	¼ Diax 3/16 Stand-off to Except #4
10	50008	1	1	1	1	1	#4-40 x 3/8 Slotted Bd. Hd. M.S.
11	34223	1	1	1	1	1	Coin Mechanism Plug- 12 Pin
12	50122	2	2	2	2	2	#6-32 x 3/8 Phil. Pan Hd. M.S.
13	20761	1	1	1	1	1	Mars Control Panel Label
14	33071	1	1	1	1	1	3 Amp Circuit Breaker
	34235	1					Control Harness (not shown)
	34237		1				Control Harness (not shown)
	34215			1			Control Harness (not shown)
	34210				1	1	Control Harness (not shown)
15	34288	1	1	1	1	1	Coin Mechanism Plug Harness
16	60134	1	1	1	1	1	Plastic Wire Clamp 1"
17	50247	1	1	1	1	1	#8-32 x ½ Phil. Pan Hd. M.S.
18	50513	1	1	1	1	1	#8-32 Twin Whiz Nut

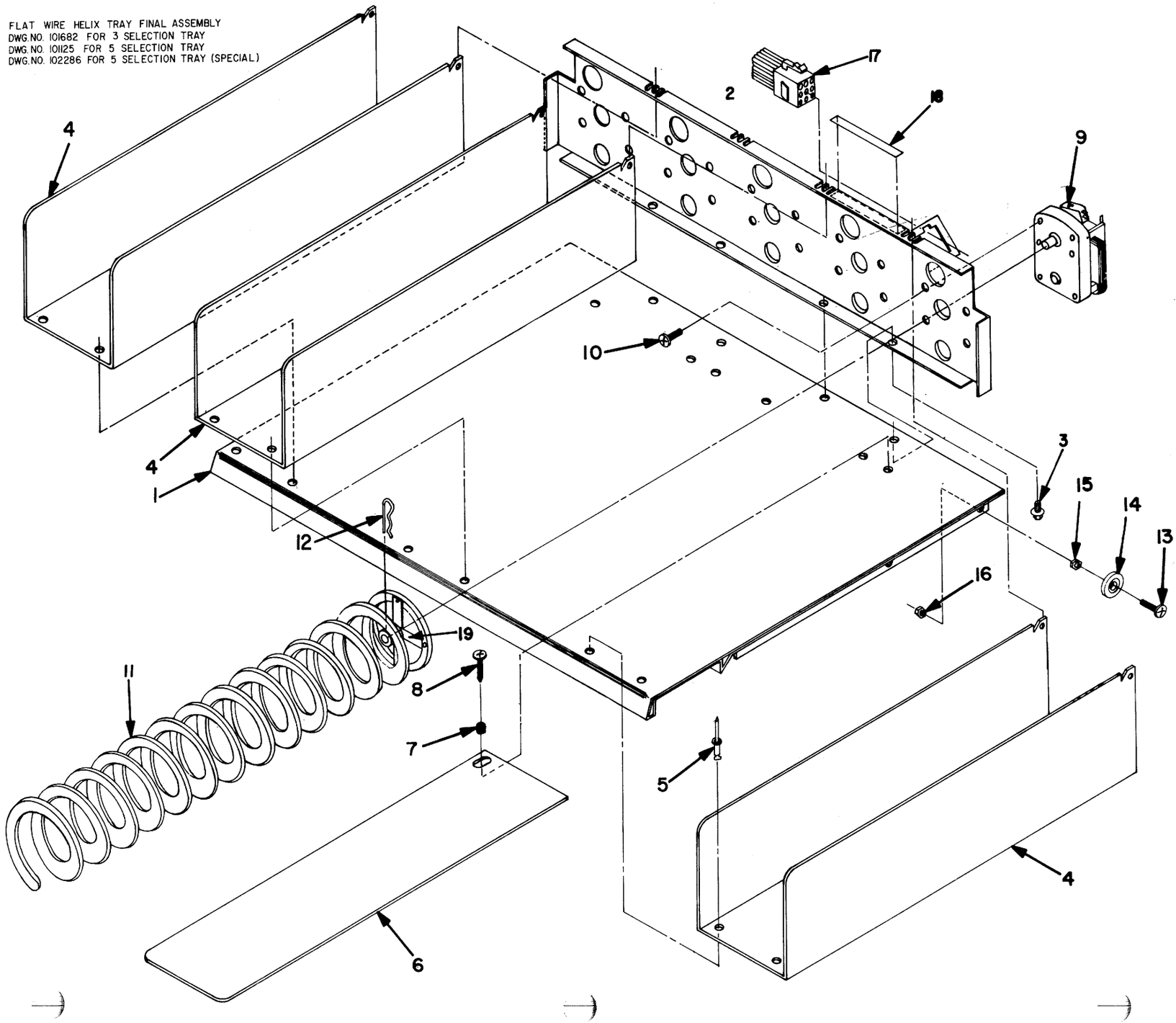
COMPLETE MULTI-PRICE II RELAY PANEL ASSEMBLY

P/N 102753 15 SELECTION
P/N 102762 15/3 SELECTION
P/N 102763 25 SELECTION
P/N 102764 25/5 & 30 SELECTION

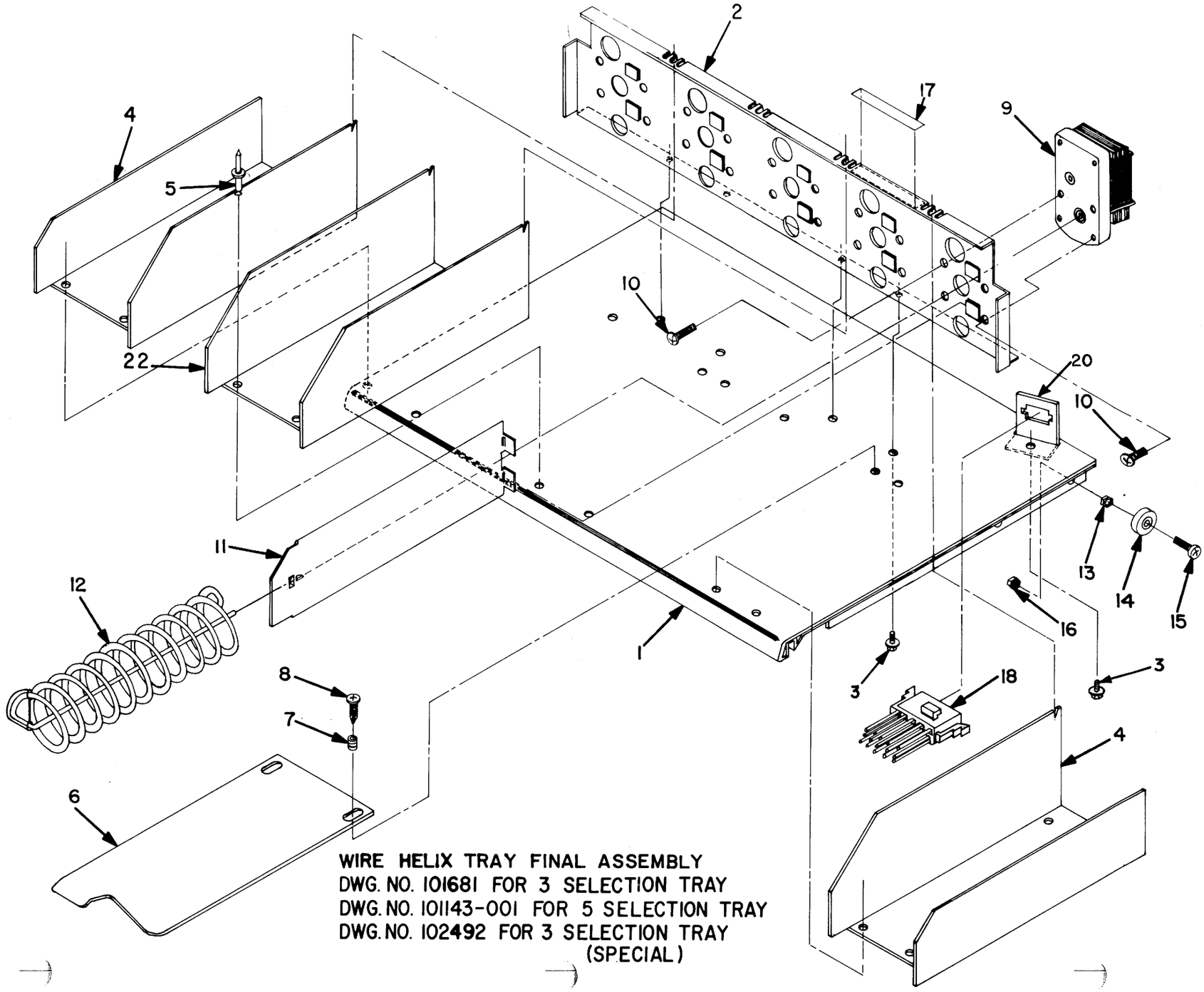


Item	Part Number	No. Req'd. 15	15/3	25	25/5	30	Description
1	3412	1	1	1	1	1	Control Panel
2	34297	1	1	1	1	1	Control Board
3	50153	4	4	4	4	4	#6-32 x 1½ Slotted Rd. Hd. M.S. (not shown)
4	25714	4	4	4	4	4	Stand Offs
5	50505	6	6	6	6	6	#6-32 Twin Whiz
6	33071	1	1	1	1	1	3 Amp Circuit Breaker
7	3792	1	1	1	1	1	Coin Mech. Mounting Bracket
8	34223	1	1	1	1	1	Coin Mechanism Plug-12 Pin
9	50202	2	2	2	2	2	#8-18 x ½ Phil/Hex Washer Hd. Tek.
10	50122	2	2	2	2	2	#6-32 x 3/8 Phillips Pan Hd. M.S. (not shown)
11	34235	1					Control Harness (not shown)
	34237		1				Control Harness (not shown)
	34215			1			Control Harness (not shown)
	34210				1	1	Control Harness (not shown)
12	34288	1	1	1	1	1	Coin Mechanism Harness (not shown)
13	34299	1	1	1	1	1	Credit Display Harness (long) (not shown)
14	20812	1	1	1	1	1	Control Panel Labels (not shown)

FLAT WIRE HELIX TRAY FINAL ASSEMBLY
DWG.NO. 101682 FOR 3 SELECTION TRAY
DWG.NO. 101125 FOR 5 SELECTION TRAY
DWG.NO. 102286 FOR 5 SELECTION TRAY (SPECIAL)

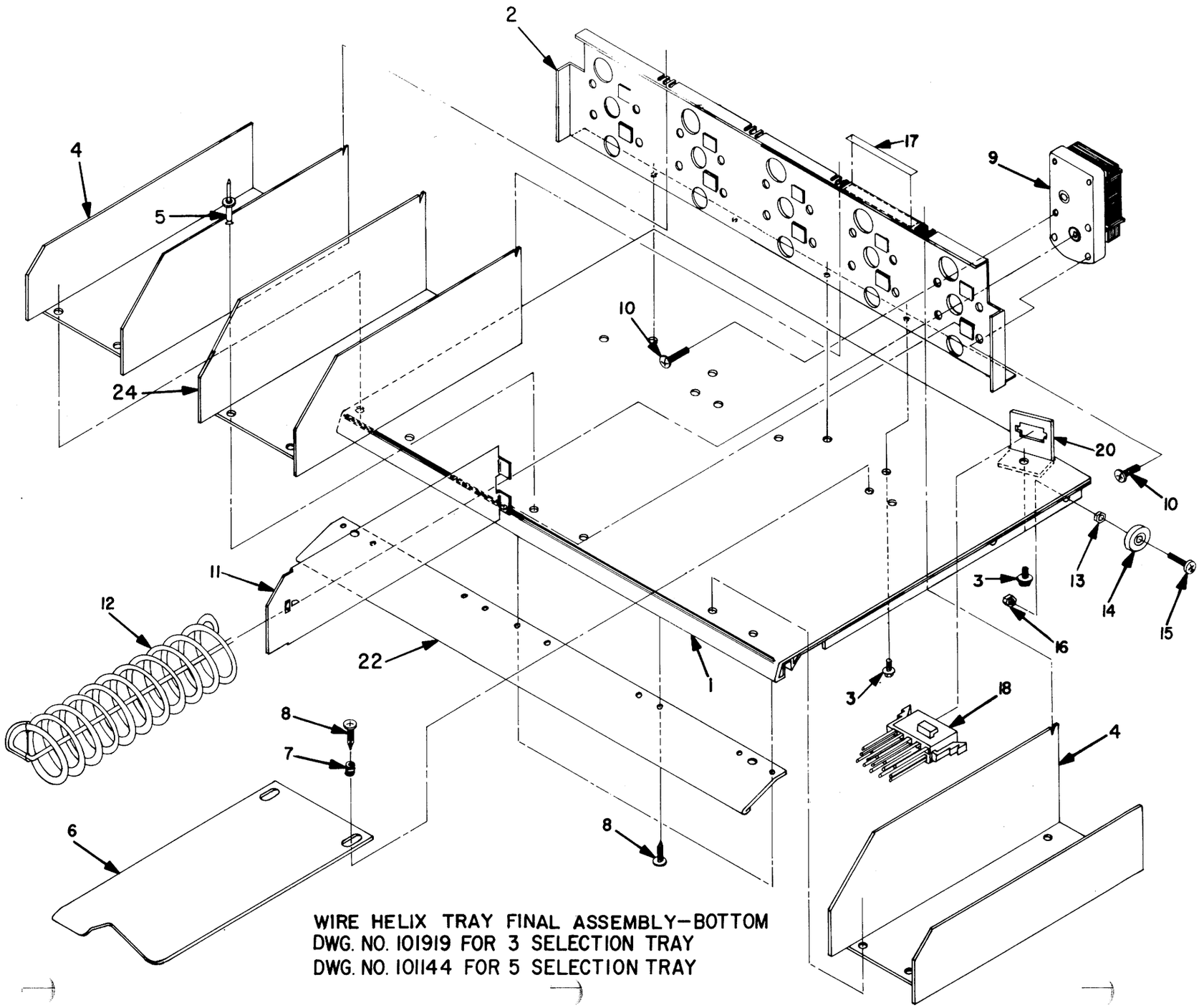


Item	Part Number	No. Req'd.							Description
		15	15/3	25	25/5	30	30Sp		
1	101601	1	1	1	1	1	1		Flat Wire Helix Tray Assembly
	101293			1	1	1	1		Flat Wire Helix Tray Weld Assembly
2	101603	1	1						Flat Wire Helix Tray Back Weld Assembly
	101124			1	1	1	1		Flat Wire Helix Tray Back Weld Assembly
3	50426	3	3	4	4	4	4		#10 x ¼ Ind. Hex. Hd. Phil. Type "B" S.M.S.
4	9914	2	2	3	3	3	1		Flat Wire Tray Divider
6	4263	3	3	5	5	5	5		Flat Wire Adjustable Shelf
7	33967	3	3	5	5	5	5		Grommet
8	50180	3	3	5	5	5	5		#8-18 x ½ Phil./hex. Washer Hd. Tek
9	33943	3	3	5	5	5	5		Flat Wire Helix Motor
10	50240	6	6	10	10	10	10		#8-32 x 3/8 Phil. Pan Hd. M.S.
11	60240	3	3	5	5	5	5		Flat Wire Helix
12	50773	3	3	5	5	5	5		Hitch Pin
13	50251	4	4	4	4	4	4		#8-32 x 5/8 Phil. Pan Hd. M.S.
14	60172	4	4	4	4	4	4		Roller (nylon)
15	50496	4	4	4	4	4	4		¼-20 Uni-torque Lock Nut
16	50494	4	4	4	4	4	4		#8-32 F/M Uni-torque Nut
17	33042	1	1						Tray Harness
	33903			1	1	1	1		Tray Harness
18	20582	1	1	1	1	1	1		Label-Motor
19	25596	3	3	5	5	5	5		Helix Adaptor
20	102313	1	1						Flat Wire Helix Tray Weld & Rivet Asmbly. (not shown)
	101123			1	1	1			Flat Wire Helix Tray Weld & Rivet Asmbly. (not shown)
	101764						1		Flat Wire Helix Tray Weld & Rivet Asmbly. (not shown)
21	34114	x	x	x	x	x	x		Helix Motor Cycle Switch (Service Part only) (not shown)
22	101935	x	x	x	x	x	x		3¼" Product Spacer Kit (Service Part only) (not shown)
23	8816-000						1		Flat Wire Helix Tray Divider End-R (not shown)
24	8816-001						1		Flat Wire Helix Tray Divider End-L (not shown)



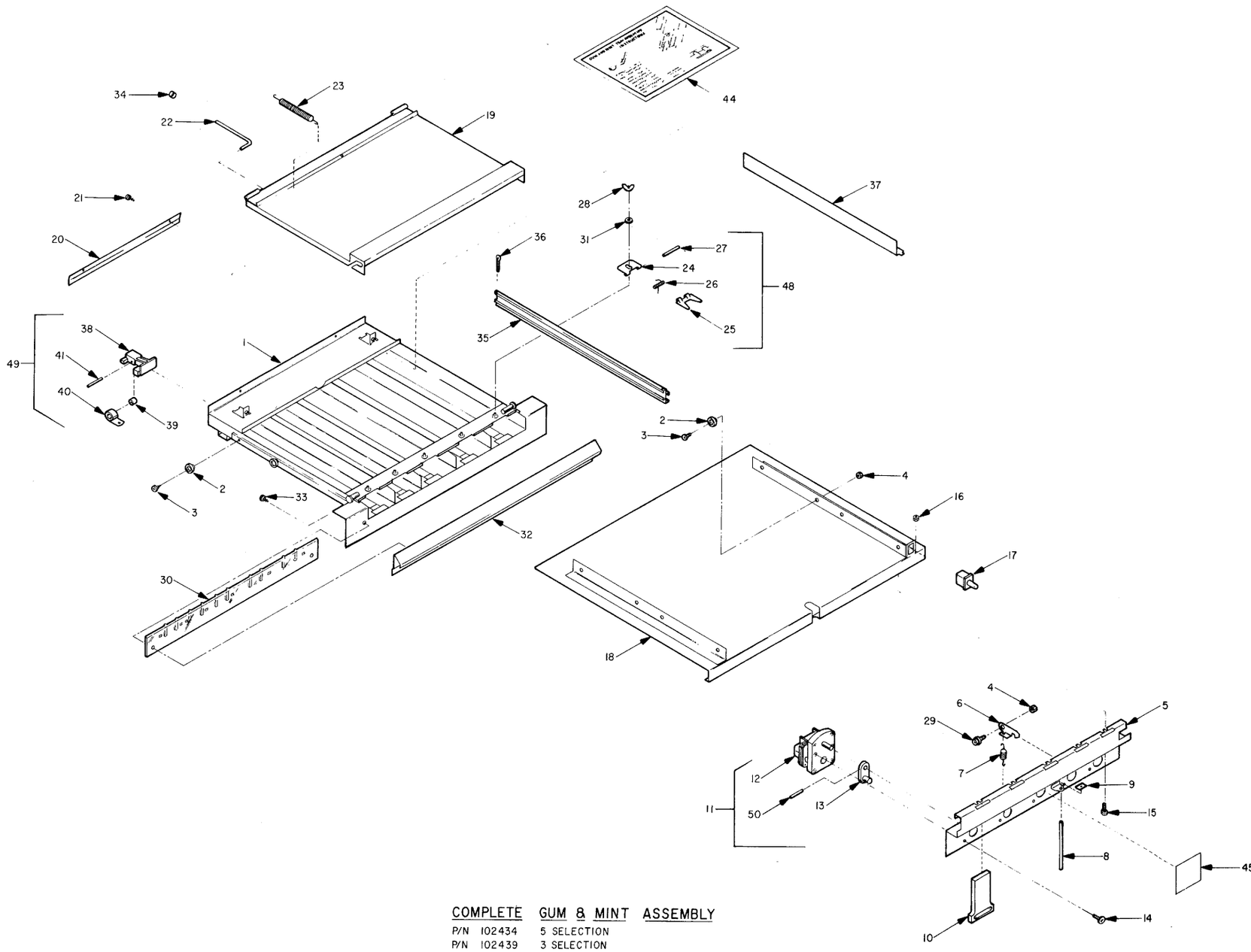
WIRE HELIX TRAY FINAL ASSEMBLY
DWG. NO. 101681 FOR 3 SELECTION TRAY
DWG. NO. 101143-001 FOR 5 SELECTION TRAY
DWG. NO. 102492 FOR 3 SELECTION TRAY
(SPECIAL)

Item	Part Number	No. Req'd.							Description
		15	15Sp	15/3	15/3Sp	25	25/5	30	
1	101601		1		1				Wire Helix Tray Weld Assembly
	101597	1		1					Wire Helix Tray Weld Assembly
	101292-001					1	1	1	Wire Helix Tray Weld Assembly
2	8043	1	1	1	1				Wire Helix Tray Back
	8097-001					1	1	1	Wire Helix Tray Back
3	50426	3	3	3	3	4	4	4	#10 x ¼ Phil./Hex Washer Hd. Type "B" S.M.S.
4	9909-002	1r/1l	1r/1l	1r/1l	1r/1l	1r/1l	1r/1l	1r/1l	Round Wire Helix Tray Divider End
5	50665	4	4	4	4	6	6	6	1/8 x ¼ Pop Rivet
6	9883	3	3	3	3	5	5	5	Adjustable Shelf
7	33967	3	3	3	3	5	5	5	Rubber Grommet
8	50180	3	3	3	3	5	5	5	#8-18 x ½ Phil. Pan Hd. Tek
9	34090	3	3	3	3	5	5	5	Helix Motor
10	50240	6	6	6	6	10	10	10	#8-32 x 3/8 Phil. Pan Hd. M.S.
11	8040-001	3	3	3	3	5	5	5	Wire Helix Divider
12	60283	3	3	3	3	5	5	5	Wire Helix
13	50496	4	4	4	4	4	4	4	¼-20 Uni-torque Lock Nut
14	60172	4	4	4	4	4	4	4	Roller (nylon)
15	50251	4	4	4	4	4	4	4	#8-32 x 5/8 Phil. Pan Hd. M.S.
16	50494	4	4	4	4	4	4	4	#8-32 F/M Uni-torque Nut
17	20582	1	1	1	1	1	1	1	Motor Decal
18	33042	1	1	1	1				Tray Harness
	33903					1	1	1	Tray Harness
19	102492		1		1				Wire Helix Tray Rivet Assembly(not shown)
	102314					1	1	1	Wire Helix Tray Rivet Assembly(not shown)
	101122-001	1		1					Wire Helix Tray Rivet Assembly(not shown)
20	9848-001	1	1	1	1	1	1	1	Plug Bracket
21	34114	x	x	x	x	x	x	x	Helix Motor Cycle Switch (Service Part only) (not shown)
22	9910-002					1	1	1	Wire Helix Tray Divider-Center



WIRE HELIX TRAY FINAL ASSEMBLY–BOTTOM
DWG. NO. 101919 FOR 3 SELECTION TRAY
DWG. NO. 101144 FOR 5 SELECTION TRAY

Item	Part Number	No. Req'd.					Description
		15	15/3	25	25/5	30	
1	101597	1					Wire Helix Tray Weld Assembly
	101292-001			1		1	Wire Helix Tray Weld Assembly
2	8043	1					Wire Helix Tray Back
	8097-004			1		1	Wire Helix Tray Back
3	50426	3		4		4	#10 x ¼ Ind. Phil./Hex Washer Hd. Type "B" S.M.S.
4	9909-002	1r/1l		1r/1l		1r/1l	Round Wire Helix Tray Divider Ends
5	50665	4		6		6	1/8 x ¼ Pop Rivet
6	9883	3		5		5	Adjustable Shelf
7	33967	3		5		5	Rubber Grommet
8	50180	6		9		9	#8-18 x ½ Phil. Pan Hd. Tek
9	34090	3		5		5	Helix Motor
10	50240	6		10		10	#8-32 x 3/8 Phil. Pan Hd. M.S.
11	8040-001	3		5		5	Wire Helix Divider
12	60283	3		5		5	Wire Helix
13	50496	4		4		4	¼-20 Uni-torque Lock Nut
14	60172	4		4		4	Roller (nylon)
15	50251	4		4		4	#8-32 x 5/8 Phil. Pan Hd. M.S.
16	50494	4		4		4	#8-32 F/M Uni-torque Nut
17	20582	1		1		1	Motor Decal
18	33042	1					Tray Harness
	33903			1		1	Tray Harness
19	102314	1					Wire Helix Tray Rivet Assembly(not shown)
	101122-001			1		1	Wire Helix Tray Rivet Assembly(not shown)
20	9848-001	1					Plug Bracket
21	34114	x		x		x	Helix Motor Cycle Switch (Service Part only) (not shown)
22	8633	1					Tray Lip
	9931			1		1	Tray Lip
23	102028-001	x		x		x	Gum & Mint Kit to be used w/Closed Switch Motor Pin 34090. (Service Part only) (not shown)
24	9910-002			1		1	Wire Helix Tray Divider-Center

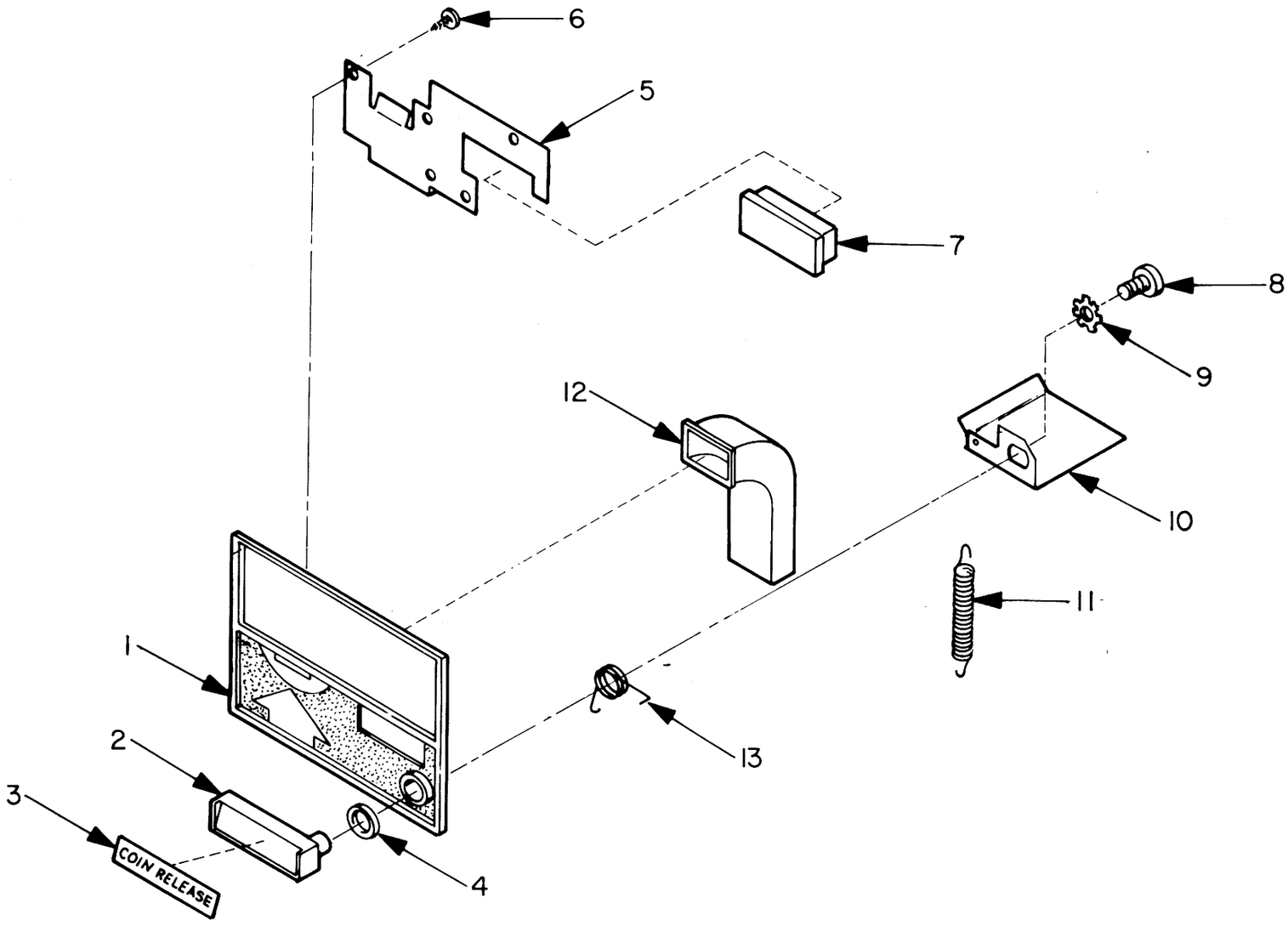


COMPLETE GUM & MINT ASSEMBLY

P/N 102434 5 SELECTION
P/N 102439 3 SELECTION

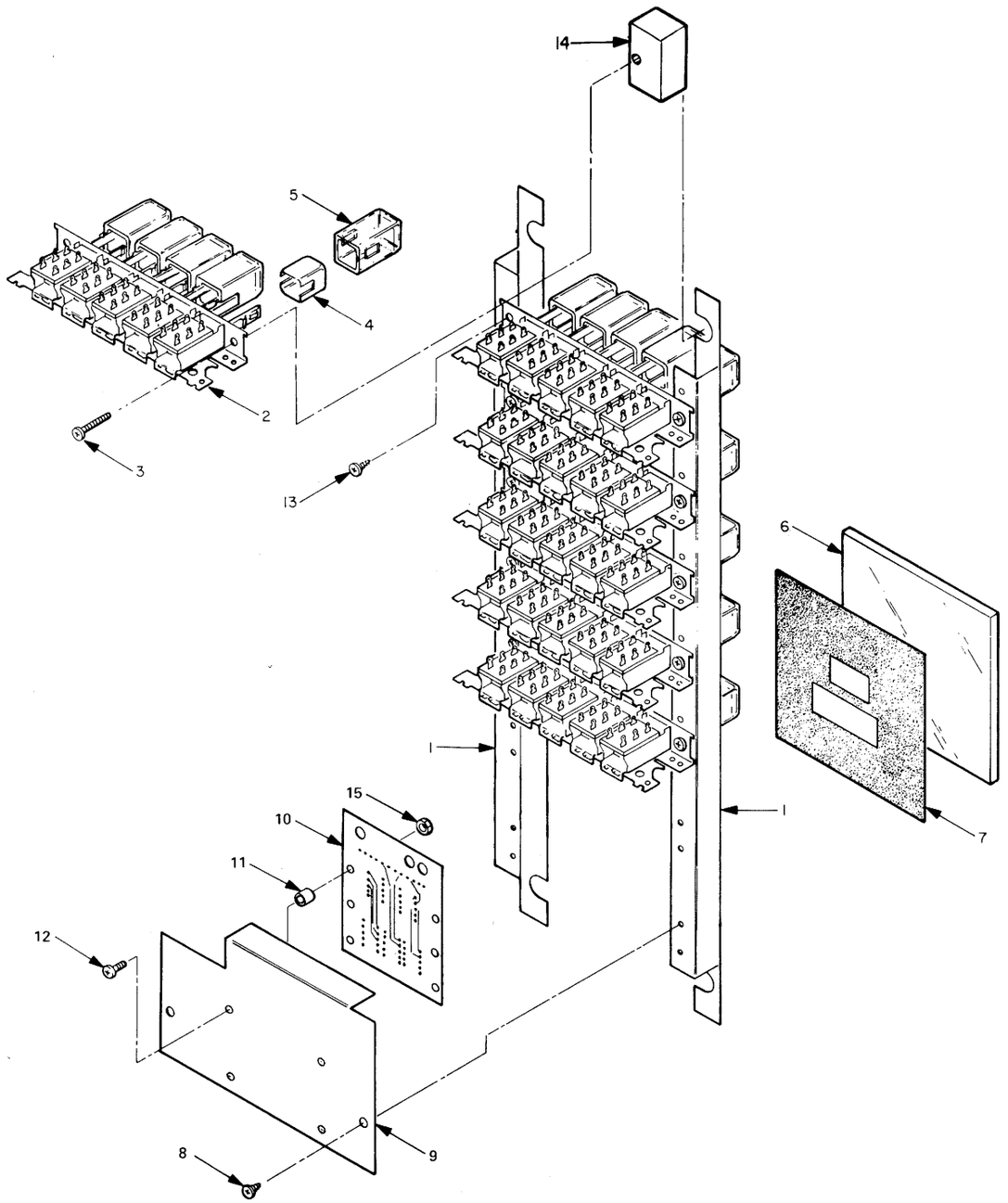
Item	Part Number	No. Req'd.					Description
		15	15/3	25	25/5	30	
1	102440				1		Drawer Base Weld Assembly
	102428		1				Drawer Base Weld Assembly
2	60172		8		8		Roller (nylon)
3	50240		8		8		#8-32 x 3/8 Phil. Pan Hd. Mach. Screw
4	50494		8		8		#8-32 F/M Uni-torque Nut
5	102441		1				Front Panel Weld Assembly
	102427				1		Front Panel Weld Assembly
6	383069		1		1		Arm-Latch
7	21041		1		1		Spring
8	3757		1		1		Bar-Unlatching
9	50561		1		1		Tinnerman Push-on #C1059-014-27
10	25678		3		5		Pusher
11	102435		3		5		Motor Stake Assembly
12	34240		3		5		Motor 24 Vac (Molon or ECM)
13	25679		3		5		Vend Cam
14	50234		6		10		#8-32 x 3/8 Phil. Truss Hd. M.S.
15	50319		3		4		#10-32 x 3/8 Phil. Fillister Head
16	50495		3		4		#10-32 F/M Uni-torque Nut
17	361630		1		1		Interlock Switch
18	102443		1				Tray Weld Assembly
	102422				1		Tray Weld Assembly
19	102444		1				Cover Weld Assembly
	102420				1		Cover Weld Assembly
20	3781		1				Soldout Retainer
	3748						Soldout Retainer
21	50426		2		2		#10-¼ Ind. Hex. Hd. Phil. Type "B" S.M.S.
22	383241		2		2		Pin-Lid Hinge
23	383131		1		1		Spring- Cover
24	383091		1		1		Section-Gate Hinge
25	383092		1		1		Gate-Product
26	383067		1		1		Spring- Gate
27	383124		1		1		Pin- Gate Hinge
28	336806		3		5		Wing Nut
29	380513		1		1		Screw Shoulder
30	25693		1				Window-Product
	383090				1		Window- Product
31	50605		3		5		Washer, 7/16 OD x 200 ID, Brass
32	3780		1				Panel- Label Holder
	3742				1		Panel- Label Holder
33	V800709		9		11		#10-32 x 3/8 Phil. Truss Hd. Self Tapping
34	09-1078-000		2		2		Tabular Speed Nut (Tinnerman)
35	102433		2		2		Track Weld Assembly
36	50650		4		4		1/8 x 1" Cotter Pin
37	383129-001		1		3		Partition- Removable
38	383066		1		1		Pusher- Product
39	383081		1		1		Bearing- Pusher Spring
40	383337		1		1		Spring- Coiled Band

Item	Part Number	No. Req'd.					Description
		15	15/3	25	25/5	30	
41	V801134		1		1		1/8 x 1" Corr. Res. Steel
42	33042		1				Tray Harness (not shown)
43	33903				1		Tray Harness (not shown)
44	34230		1		1		Gum & Mint Adaptor (not shown)
45	20779		1		1		Tray Operation Instructions
46	20780		1		1		Tray Opening Instructions
47	102438		1				Drawer Base Screw Assembly (not shown)
	102437				1		Drawer Base Screw Assembly (not shown)
48	102442		1				Tray Final Assembly (not shown)
49	102424				1		Tray Final Assembly (not shown)
50	131095		3		5		Product Gate Assembly
	131020		3		5		Product Pusher Assembly
	33-2634-000		x		x		Pin-Drive 3/32 x 5/8



COMPLETE COIN INSERT CASTING ASSEMBLY
P/N 101863

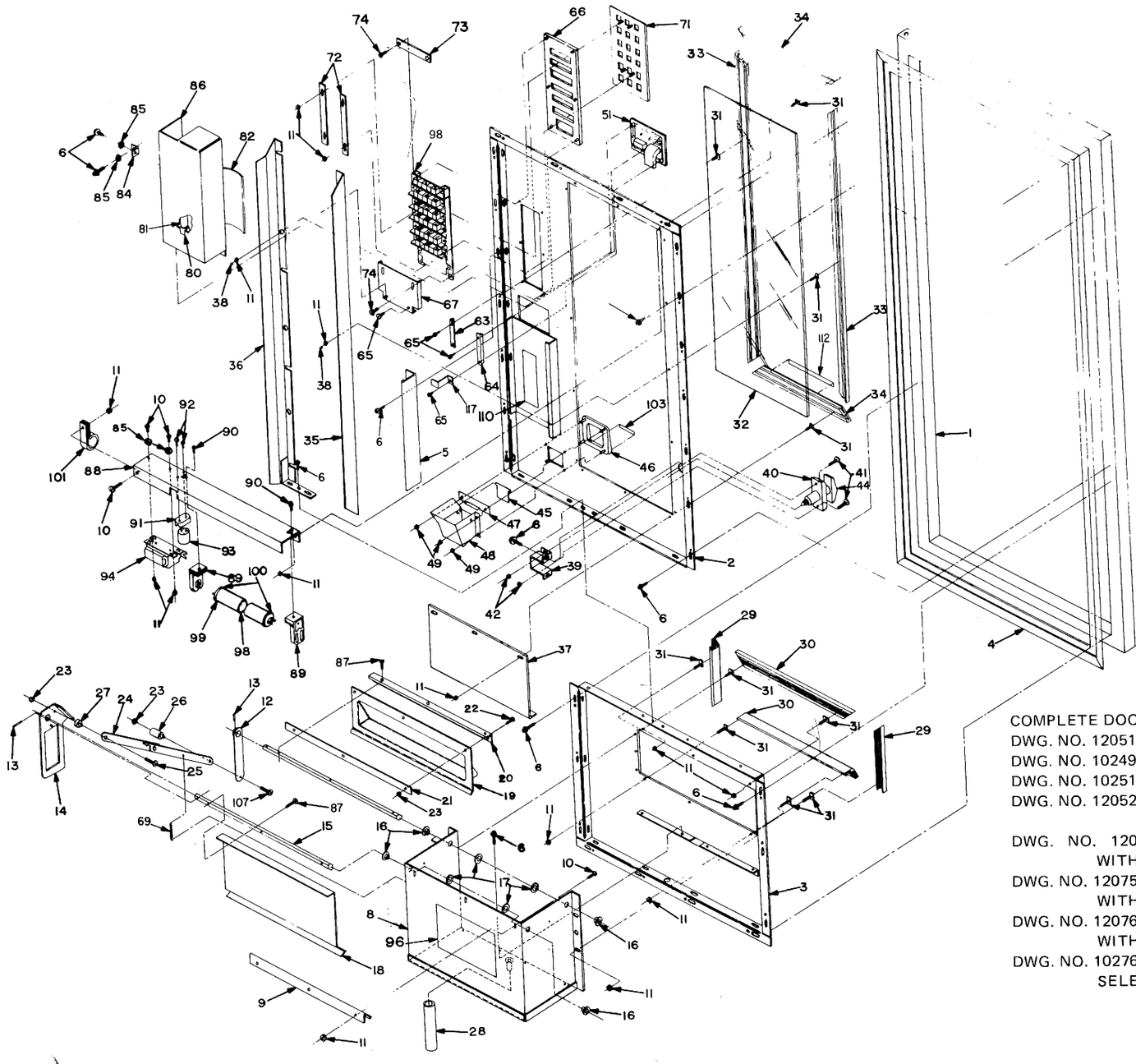
Item	Part Number	No. Req'd.					Description
		15	15/3	25	25/5	30	
1	60372	1	1	1	1	1	Coin Insert Casting
2	33-4283-000	1	1	1	1	1	Coin Release Handle
3	33-4370-000	1	1	1	1	1	Decal-Coin Release Lever
4	10-0816-000	1	1	1	1	1	Coin Release Washer
5	8715	1	1	1	1	1	Retainer-Coin Chute & Change Light
6	20-0470-008	5	5	5	5	5	#6-32 x 3/16 Phil Pan Hd. S.M.S. Self Tapping
7	33912	1	1	1	1	1	Correct Change Light (Indus. Devices #3510-24v)
8	20-0469-020	1	1	1	1	1	¼-28 x ½ Phil. Truss Hd. M.S.
9	20-0717-008	1	1	1	1	1	Lock Washer-Int. text Tooth
10	33-4983-000	1	1	1	1	1	Coin Release Lever
11	21024	1	1	1	1	1	Spring
12	20-1748-004	1	1	1	1	1	Coin Intake Chute (made from 20-1748-000)
13	09-1076-100	1	1	1	1	1	Torsin Spring



COMPLETE PUSH BUTTON BANK ASSEMBLY

102731 15 SELECTION
120732 15/3 SELECTION
120733 25 SELECTION
102734 25/5 & 30 SELECTION
102754 15 SELECTION WITH DISPLAY
102755 15/3 SELECTION WITH DISPLAY
102756 25 SELECTION WITH DISPLAY
102757 25/5 & 30 SELECTION WITH DISPLAY

Item	Part Number	No. Req'd.					Description
		15	15/3	25	25/5	30	
1	9856	2	2	2	2	2	Push Button Mounting Bracket
2	34233	5	6				Push Button Harness w/Switch (wo/no.'s)
	34214			5	6	6	Push Button Harness w/Switch (wo/no.'s)
3	50251	2	2	2	2	2	#8-32 x 5/8 Phil Pan Hd. M.S.
4	25554-xxx	15	18	25	30	30	White Push Button w/no, Hot-stamped -xxx is the no. Hot-stamped
5	34093	15	18	25	30	30	Clear Push Button Cover
6	25713	1	1	1	1	1	Readout Window
7	3419	1	1	1	1	1	Lense Backing
8	50104	2	2	2	2	2	#6-32 x ¼ Phil Pan Hd. Self-Tap
9	3420	1	1	1	1	1	Read Out Bracket
10	34298	1	1	1	1	1	Display
11	25712	1	1	1	1	1	Standoffs
12	50113	4	4	4	4	4	#6-32 x ½ Phil Pan Hd.
13	50120	10	12	10	12	12	#6-32 x 5/16 Phil. Pan Hd. Type "23" Self Tapping
14	25711				2	2	Mounting Blocks
15	50505	4	4	4	4	4	#6-32 Twin Whiz



COMPLETE DOOR ASSEMBLY
DWG. NO. 120518 FOR 15 SELECTION
DWG. NO. 102499 FOR 15/3 SELECTION
DWG. NO. 102519 FOR 25 SELECTION
DWG. NO. 120520 FOR 25/5 & 30 SELECTION
DWG. NO. 120758 FOR 15 SELECTION WITH DISPLAY
DWG. NO. 120759 FOR 15/3 SELECTION WITH DISPLAY
DWG. NO. 120760 FOR 25 SELECTION WITH DISPLAY
DWG. NO. 102761 FOR 25/5 & 30 SELECTION WITH DISPLAY

Item	Part Number	No. Req'd. 15	15/3	25	25/5	30	Description
1	101116-003	1	1				Door Frame Weld Assembly
	101116-005			1	1	1	Door Frame Weld Assembly
2	102316	1	1				Vinyl Top Door Panel Assembly
	101543-000			1	1	1	Top Door Panel Weld Assembly
3	102317	1	1				Vinyl Bottom Door Panel Assembly
	100818-001			1	1	1	Bottom Door Panel Weld Assembly
4	60359	1	1				Door Gasket
	60309			1	1	1	Door Gasket
5	6999	1	1	1	1	1	Door Anti-Cheat Right
6	50202	42	42	16	16	16	#8-18 x ½ Phil./Hex Washer Hd. Tek
7							
	101717	1	1				Delivery Final Assembly (not shown)
	101690-001			1	1	1	Delivery Final Assembly (not shown)
8	101622	1	1				Delivery Weld Assembly
	100691-001			1	1	1	Delivery Weld Assembly
9	8702	1	1				Angle Product Deflector
	8663-001			1	1	1	Angle Product Deflector
10	50240	6	6	5	5	5	#8-32 x 3/8 Phil. Pan Hd. M.S.
11	50513	7	7	5	5	5	#8-32 Twin Whiz Lock Nut
12	101688	1	1	1	1	1	Door Link Weld Assembly
13	50725	2	2	2	2	2	1/8 x 3/4 Roll Pin
14	101694	1	1	1	1	1	Anti-Cheat Cam Assembly
15	8698	2	2				Shaft Delivery
	8666			2	2	2	Shaft Delivery
16	25263	4	4	4	4	4	Type 7 Snap-in Nyliner
17	50612	4	4	4	4	4	Flat Washer
18	8701	1	1				Anti-Cheat
	8664			1	1	1	Anti-Cheat
19	25611	1	1				Delivery Door
	25264			1	1	1	Delivery Door
20	8699	1	1				Brk't-Delivery Door Hinge
	8662			1	1	1	Brk't-Delivery Door Hinge
21	8700	1	1				Brace-Delivery Door
	8665			1	1	1	Brace-Delivery Door
22	50247	4	4	4	4	4	#8-32 x ½ Phil. Pan Hd. M.S.
23	50494	5	5	4	4	4	#8-32 F/M Uni-torque Nut
24	101206	1L	1L	1L	1L	1L	Link Arm Final Assembly
25	50251	1	1	1	1	1	#8-32 x 5/8 Phil. Pan Hd. M.S.
26	30079	1	1	1	1	1	Shoulder Spacer
27	30089	1	1	1	1	1	Bushing
28	25409	1	1	1	1	1	3/8 I.D. 1/16 Wall Mayon Tubing (8" Long)
29	22357-001	2	2	2	2	2	Delivery Trim (Sides)
30	22357-003	2	2				Delivery Trim (Top & Bottom)
	22357-002			2	2	2	Delivery Trim (Top & Bottom)
31	50724	12	12	16	16	16	#8-32 x 3/8 T-Bolt
32	25261	1	1				Display Window
	25546			1	1	1	Display Window
33	22370-002	2	2	2	2	2	Display Trim (Sides)
34	22370-005	2	2				Display Trim (Top & Bottom)
	22370-001			2	2	2	Display Trim (Top & Bottom)
35	9850-001	1	1	1	1	1	Anti-Theft Guard Left
36	101903-001	1	1	1	1	1	Anti-Theft Guard Weld Assembly
37	8655-001	1	1				Door Defector
	9876-001			1	1	1	Door Defector
38	50548	13	13	13	13	13	#8-Nylon Screw Cover
39	9823	1	1	1	1	1	Lock Housing
40	60321	1	1	1	1	1	Pop Out 4255 Flush T-Handle
41	50338	2	2	2	2	2	#10-32 x ½ Flt. Hd. Phil. Cap Screw
42	50546	2	2	2	2	2	#10-32 Twin Whiz
43							
	50555	1	1	1	1	1	½" Retaining Ring (not shown)
44	60330	1	1	1	1	1	Lock Cylinder w/2 Keys (state key #) Key Series per Purchase Order
45	20-0102-000	1	1	1	1	1	Coin Return Door
46	33-4281-000	1	1	1	1	1	Change Bezel
47	20-1422-000	1	1	1	1	1	Anti-Payout Tab
48	20-1649-000	1	1	1	1	1	Coin Return Cup
49	33-4982-000	4	4	4	4	4	#8 Sheet Metal Nut (Service Part Only)
50	101863	1	1	1	1	1	Complete Coin Insert Casting Assembly. See Page 56
51	20071					1	Minors Forbidden By Law
52	20488	1	1	1	1	1	Product Decal
53	50263	1	1	1	1	1	#8-32 x 7/8 Phil. Pan Hd. M.S.
54	20482	1		1			Coin Insert Label
	20596-001		1		1	1	Coin Insert Label
55	33-4984-000	1	1	1	1	1	Decal-Change
56	20483-001	1		1			Operating Instruction Decal
57	60134	1	1	1	1	1	Plastic Wire Clamp 1"
58	33713-002	2	2	2	2	2	Safety Tube End Caps
59	33668	1	1				F14T8 Lamp
	33550			1	1	1	F16-T8-K26 Lamp
60	25262	1	1				Plastic Safety Tube
	33713-001			1	1	1	Plastic Safety Tube
61	60130	1	1	3	3	3	ABS Plastic Press Clip ¼" (not shown)
	25670	1	1				Safety Shield Kit (not shown)
62	33713-000			1	1	1	Plastic Safety Shield Kit 26" (not shown)
	8717	1	1	1	1	1	Coin Insert Casting Ret. Brk't-Right
	8718	1	1	1	1	1	Coin Insert Casting Ret. Brk't-Left
63	50212	4	4	4	4	4	#8-32 x ¼ Phil. Par. Hd. Type "23" S.T.S.
64	60319	1		1			Selector Panel With Display
65	60300-001	1		1			Selector Panel
	60320		1		1	1	Selector Panel With Display
66	60312-002		1		1	1	Selector Panel
	8719	1	1	1	1	1	Push Button Bracket
67	21066	1	1	1	1	1	Spring
69	101671	1					Filler Plate Weld Assembly
71	102419		1				Filler Plate Weld Assembly

Item	Part Number	No. Req'd. 15	15/3	25	25/5	30	Description
72	7967	2	2				Bar Filler Plate Retainer
73	3997	1	1	1	1	1	Switch Spacer
74	50213	4	4	4	4	4	#8-32 x ¼ Phil. Truss Hd. M.S.
76	102495	1	1	1	1	1	Light Reflector Housing-Complete (not shown)
77	102496	1	1				Light Assembly-Complete (not shown)
	102502			1	1	1	Light Assembly-Complete (not shown)
78	34234	1	1				Fluorescent Lamp Harness
	34213			1	1	1	Fluorescent Lamp Harness
79	34212	1	1	1	1	1	Light Harness 110 Volt (not shown)
80	102447	1	1	1	1	1	Selection Lamp Assembly
81	33953	1	1	1	1	1	6½ DC Bulb 20T
82	25563	1	1	1	1	1	Light Diffuser
83	34092	x	x	x	x	x	White Push Button (Service Part Only)
84	4950	1	1	1	1	1	Pan Bracket
85	50585	4	4	4	4	4	#8 External Shakeproof Lock Washer
86	9818-002	1	1	1	1	1	Light Reflector Housing
87	50225	6	6	4	4	4	#8-32 x 3/8 Phil. Pan Hd. Taptite
88	8651	1	1				Light Reflector
	9917			1	1	1	Light Reflector
89	33548	2	2	2	2	2	Lamp Holder
90	50112	2	2	2	2	2	#6-32 x ¼ Phil. Pan Hd. M.S.
91	33617	1	1	1	1	1	Starter Socket
92	50018	2	2	2	2	2	#4-40 x 3/8 Phil. Pan Hd. M.S.
93	33567	1	1				FS-2 Starter
	33661			1	1	1	FS-25 Starter
94	33609	1	1	1		1	Ballast Lamp Robertson SP2

Item	Part Number	No. Req'd. 15	15/3	25	25/5	30	Description
96	20757	1					Wiring Diagram (4-Price)
	20764	1					Wiring Diagram (Multi-Price)
	20778		1				Wiring Diagram (4-Price)
	20763		1				Wiring Diagram (Multi-Price)
	20754			1			Wiring Diagram (4-Price)
	20762			1			Wiring Diagram (Multi-Price)
	20776				1		Wiring Diagram (4-Price
	20777				1		Wiring Diagram (Multi-Price)
	20756					1	Wiring Diagram (4-Price)
	20732					1	Wiring Diagram (Multi-Price)
97	34093	x	x	x	x	x	Clear Push Button Cover (Service Part Only)
98	102731	1					Complete Push Button Bank Assembly. See Page 58
	102732		1				Complete Push Button Bank Assembly. See Page 58
	102733			1			Complete Push Button Bank Assembly. See Page 58
	1022734				1		Complete Push Button Bank Assembly. See Page 58
	102734					1	Complete Push Button Bank Assembly. See Page 58
	120754	1					Complete Push Button Bank Assembly with Display. See Page 58
	102755		1				Complete Push Button Bank Assembly with Display. See Page 58
	102756			1			Complete Push Button Bank Assembly with Display. See Page 58
	102757				1	1	Complete Push Button Bank Assembly with Display. See Page 58
99	4821	1	1	1	1	1	Coin Chute Retainer

KITS and ACCESSORIES:

Listed below are the basic kits being offered.

KIT	PURPOSE	PART NO.
HELIX CONVERSION KIT FOR SMALL PRODUCT	Snickers, Mars, Mounds, Almond Joy 4" to 2 7/8" Helix	102112
HELIX CONVERSION KIT FOR THIN PRODUCT	Hershey Bar, Nestles Crunch 20 Capacity to 30 Capacity	265012
PRODUCT SPACER 3 1/4" FLAT WIRE HELIX	Change Helix	101935
PRODUCT SPACER NARROW PRODUCT	Narrow Candy Bars	265014
PRODUCT SPACER	Oh, Henry, Baby Ruth	265015
KICK PANEL KIT	To Hide Legs	265016-xxx
4" LEG KIT	To Raise Vendor Off Floor	265017
COUNTER KIT	Record Total Items Vended	265018
GUM & MINT KIT	To Dispense Gum & Mint	102028-001