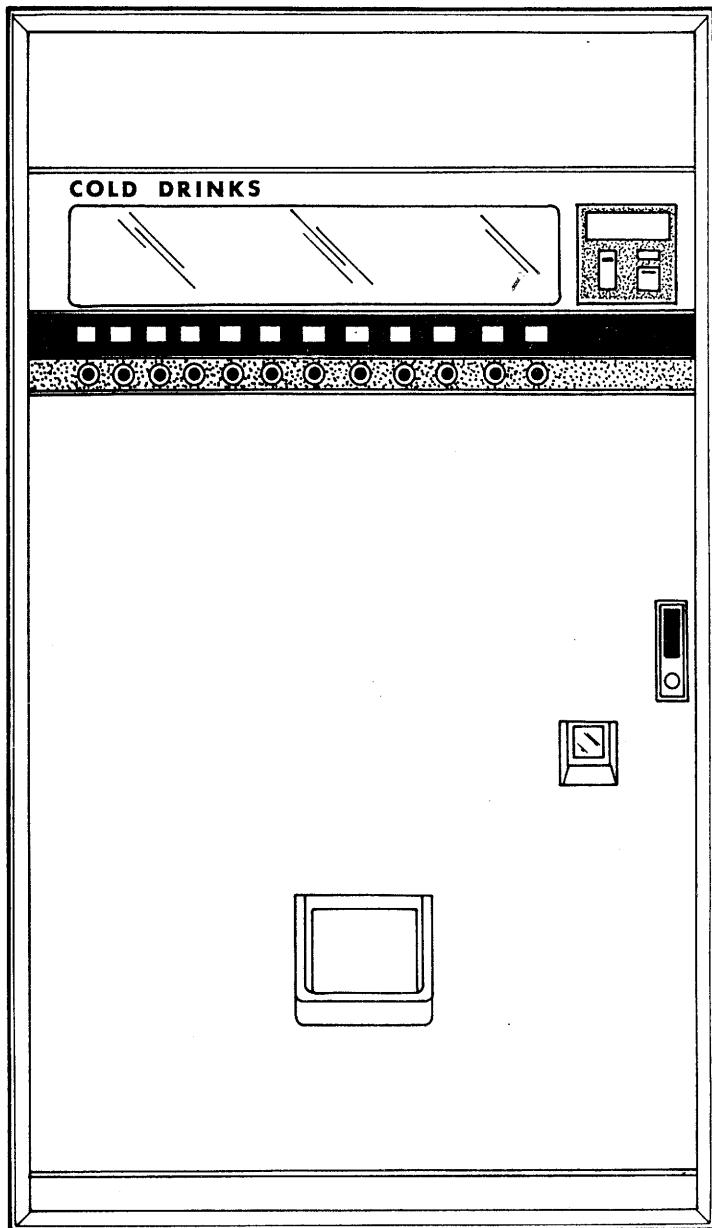


# **CD 7 & CD 7/5**



## **Service & Parts Manual**

Part Number 620192

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# INTRODUCTION:

This Service and Parts Manual contains information on both the CD 7 and the CD 7/5 Canned Drink Vendor. The CD 7 Vendor is for 12-ounce cans, and the CD 7/15 Vendor is for 12-ounce and 6-ounce cans. Both vendors have the Open Front Dispensing Units for easy visual account of inventory. A live product display is standard on all machines giving a full view of products being dispensed.

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# SPECIFICATIONS:

## DIMENSIONS:

72" High  
41½" Wide  
31½" Deep

## ELECTRICAL:

115 Volts  
60 Hertz  
11.9 Amps

## MODEL:

### CD 7

WEIGHT: 795 Pounds  
CAPACITY: 434 12-ounce cans  
52 12-ounce cans  
*(Pre-cooled)*  
SELECTIONS: 7 12-ounce cans

### CD 7/5

820 Pounds  
434 12-ounce cans  
95 6-ounce cans  
7 12-ounce cans  
5 6-ounce cans

## COINAGE:

### *Single Price Changer:*

Accepts nickels, dimes and quarters. Selection of ONE vend price, 5¢ through \$3.15; adjustable in 5¢ increments. Change payback is up to and including \$3.15 in 5¢ increments with tube escrow until selection.

### *Four Price Changer:*

Accepts nickels, dimes and quarters. Selection of FOUR vend prices, 5¢ through \$3.15; adjustable in 5¢ increments. Change payback is up to and including \$3.15 in 5¢ increments with tube escrow until selection.

### *Four Price Changer:*

Accepts nickels, dimes and quarters. Selection of FOUR vend prices, 5¢ through \$3.15; adjustable in 5¢ increments. Change payback is up to and including \$3.15 in 5¢ increments with tube escrow until selection.

## REFRIGERATION:

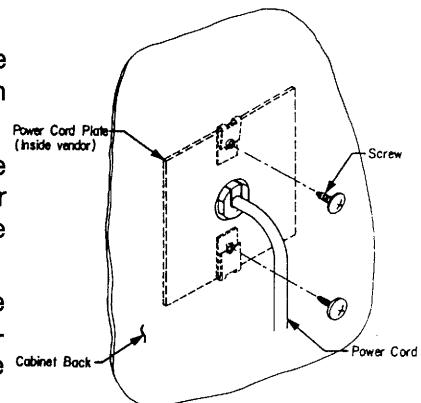
½-H.P. Closed System; with Vendo/U.S.I. 60-Month Warranty.

## STYLING:

Vendo/U.S.I. or Competitive.

# 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 that 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 Power Cord through the hole in the Cabinet back. Align the two holes on the Cord Plate with the holes on Cabinet back, then attach with screws provided.  
To insure safe operation of an electrically equipped Vendor, the Vendor must be properly grounded. To be certain that the Vendor is properly grounded, connect one end of a Test Light to the screw holding the Receptacle Cover.  
If the Test Light does not come on, thereby indicating that the Vendor is not grounded, you should contact a licensed Electrician to correctly ground it (or the Receptacle) to insure safe operation.
5. The vendor requires a 115-volt/60-cycle, 20 amp electrical power source. As the Vendor is plugged in, the following things should happen:
  - a. The Display Light should come on.
  - b. The Correct Change Circuit should be activated.
  - c. The SOLD-OUT or EMPTY lights should come on.
  - d. The C.R.E.M. Circuit of the Changer should be activated to allow acceptance of coins.
  - e. Evaporator Motor and Refrigeration should run.
6. Loosen and remove the (4) shipping bolts securing the pallet to the Vendor. Raise the Vendor off the pallet and remove pallet. Insert the Leveling Screws in holes from which the shipping bolts were removed. Turn the Leveling Screws in as far as possible. Position the Vendor in its' place of operation. **LEAVE AT LEAST (4) INCHES OF SPACE BEHIND THE VENDOR FOR PROPER AIR CIRCULATION.** 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.



## WARNING

Do not block the Ventilating Louvers in front or in rear of the Vendor. Always allow free ventilation behind a Bank Installation, so that Exhaust Air is not trapped. Failure to do so could result in REFRIGERATION FAILURE.

# **PRICE SETTING:**

Any 110-volt, Single- or Four-Price Coin Mechanism can be used, depending on which Model of Vendor you have.

## **CD 7 MODEL:**

The 7-select, 12-ounce Vendor is supplied with a Control Box capable of accepting either a Single- or Four-Price Changer. Position the Coinage Selection Switch on that Control Box at the selection which agrees with the Changer being used.

With a Single-Price Changer, the Coinage Selection Switch should be in the Single-Price position. All selections will now vend at the same price.

With a Four-Price Changer, the Coinage Selection Switch should be in the Four-Price position. Now you are able to sell products at four different prices if so desired. The selections are zoned or priced as follows:

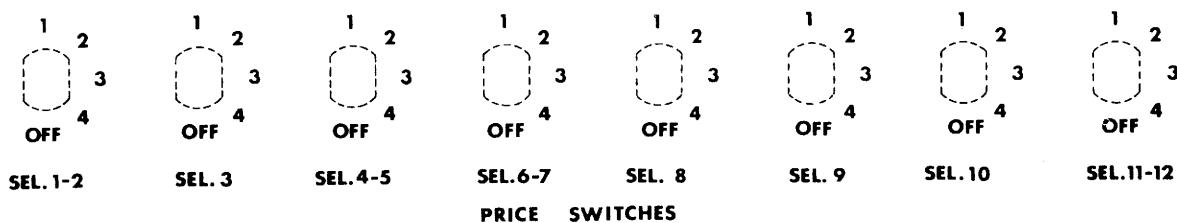
- Price or Zone No. 1: Selections 1 & 2
- Price or Zone No. 2: Selection 3
- Price or Zone No. 3: Selections 4 & 5
- Price or Zone No. 4: Selections 6 & 7

Even with a Four-Price Changer, you can set all the prices or zones the same and thereby have a Single-Price Vendor.

## **CD 7/5 MODEL:**

The 5-select, 6-ounce and 7-select, 12-ounce Vendor is supplied with a Control Box that accepts only a Four-Price Changer.

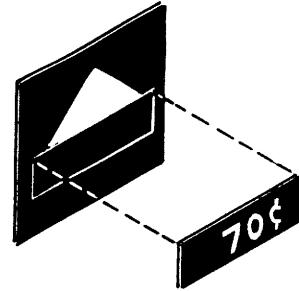
All four prices or zones are set in the Changer and are routed to the Selections through the Rotary Switches in that Control Box.



The Selections are set up in the Rotary Switches as shown above.

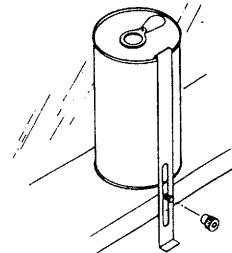
## PRICE LABELS:

To change Price Labels, you have to remove the (3) Thumb Screws (*item 40, page 47*) from the Backup Plate Weld Assembly (*item 39, page 47*). The Backup Plate Weld Assembly can now be taken off that Vendor. Once this is done, each old Price Arrow Label may be removed so that any new price labels can be applied (just below the arrow).



## LIVE DISPLAY:

The Cans of Products are held in place by a clip that hooks over the top rim of each can. The Selection Buttons are numbered left-to-right when facing the Vendor, so that when the Display is loaded, it should be done left to right, as if the door were closed.



## WARNING

Make sure that the Price matches the Product in that Selection. Make sure the right products are in the right Selections, also.

## LOADING INSTRUCTIONS:

### CD 7 MODEL

The selections are numbered from left to right when facing the Vendor. There are seven (7) 12-ounce selections on the Vendor, with 4 pre-cool shelves on the back of the Inner Door. Each selection will hold approximately 62 cans, with each pre-cool shelf holding 13 cans.

### CD 7/5 MODEL

The selections are numbered from right to left on the back of the Inner Door, and then left to right on the selections in the Vendor. Selections 1 through 5 are on the Inner Door, and are for 6-ounce cans. Selections 6 through 12 are in the Vendor and are for 12-ounce cans. The columns for 6-ounce cans hold approximately 19 cans each. Each 12-ounce selection will hold approximately 62 cans.

## IMPORTANT

After loading, make sure that the products in each selection correspond to the product in the display area. Also make sure that the Vend Prices for each selection are correct.

# INSTALLATION CHECK LIST:

Make certain the following steps have been taken or that these conditions exist before starting the Can Vendor.

1. All shipping brackets, packing material and tape have been removed.
2. Vendor is properly located for access to power source outlet and Vendor is level.
3. All components are installed on Vendor and are in good condition.
4. Service Cord plug-in receptacle is grounded, or ground adapter has been installed.
5. Coin Mechanism adjustments have been made, if necessary, and Vend Prices are properly set.
6. Vendor has been properly loaded and the flavors in each selection correspond to the Vend Price and the Item placed in the Display Area.

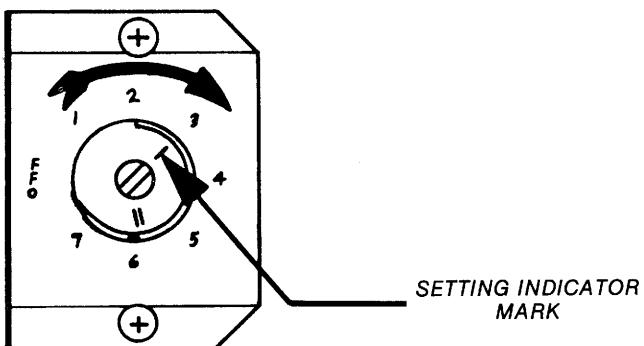
## WARNING

This Vendor is equipped with a 5-amp circuit breaker to protect the Vending Circuit only. The Refrigeration System is not on this Circuit Breaker. Refer to Wiring Diagram for the position of this Circuit Breaker.

## COLD CONTROL SETTING:

These Recommended Cold Control Settings are based on an average temperature, outside the Cabinet, to supply maximum cooling for inside products.

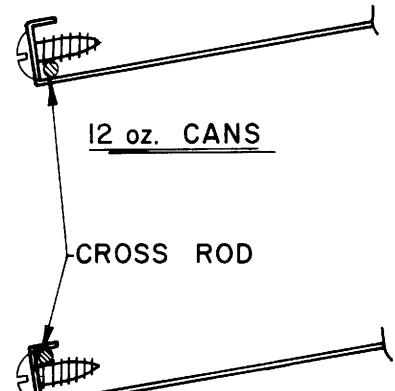
COLD CONTROL SETTING	AVERAGE ROOM TEMPERATURE
1	80°F to 110°F
2	65°F to 85°F.
3	
4	
5	
6	



# INSTRUCTIONS TO CONVERT FROM 12-OZ. TO 10 OZ. CANS:

Each 12-ounce selection can be changed individually, for either 12-ounce or 10-ounce cans.

For each selection you wish to vend 10-ounce cans, remove the (2) Sheet Metal Screws from that Can Jump Guard. Lower the front of that Can Jump Guard, and replace the (2) metal screws, making sure they go below that Cross Rod.



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10 oz. CANS

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## SELECTION JUMPER:

Any Selection or Vend Mechanism may be disconnected or removed from the Vendor with the use of a Jumper Plug. The Vendor will continue to work on all Selections, except for that Selection on which the Jumper Plug is used. The Jumper Plug is inserted in the Selection Mechanism in place of the plug of the Selection Harness. With the Jumper Plug in use, the SOLD OUT Light will come on when that Selection Button is pressed.

---

## CARE AND CLEANING:

*NOTE: Always disconnect Power Source before cleaning.*

### CABINET EXTERIOR:

Wash with a mild detergent and water, rinse and dry thoroughly. Wax occasionally with a quality car wax. Plastic exterior parts may be cleaned with a quality plastic cleaner.

### CABINET INTERIOR:

Wash with a mild detergent and water. Odors may be eliminated by including baking soda or ammonia in cleaning solution. Remove and clean Drain Hose to eliminate any deposits that may restrict condensate water flow.

The Vend Mechanisms *must* be kept clean. Any build up of syrup deposits can cause these mechanisms to malfunction. Use soap and water with great care so as not to get water into the Electrical Components.

### REFRIGERATION SYSTEM:

Clean dust from Condenser and Screen in Front Door with soft bristle brush, or vacuum cleaner. Remove any dirt or debris from Refrigeration System Compartment. Remove and clean Condensation Pan.

### COIN ACCEPTOR:

Remove Coin Acceptor from Coin Mechanism. Using a damp cloth, wipe down the coin paths til they are clean.

# TROUBLE SHOOTING:

## BASIC VENDOR:

- I. VENDOR REJECTS ALL COINS — DISPLAY LAMP OFF.
  - A. Vendor unplugged — plug in Vendor.
  - B. Fuse or Circuit Breaker tripped in Supply (building) Outlet — replace fuse, or reset Circuit Breaker.
  - C. Damaged or defective Power Cord — repair or replace Service Harness on Refrigeration System.
  - D. Green, White and Yellow wires unplugged at Refrigeration System — plug wires in.
  - E. Door Harness unplugged at Cabinet — make sure the plugs are securely locked together.
  - F. Circuit Breaker in Vendor tripped or defective — reset or replace Circuit Breaker.
- II. VENDOR REJECTS ALL COINS — DISPLAY LAMP ON.
  - A. Vend Mechanism is not in Home Position — return Vend Mechanism to Home Position.
  - B. Loose or broken wire on Vend Mechanism — fix wire or replace Harness.
  - C. Defective Coin Mechanism — repair or replace Coin Mechanism.
  - D. Vendor is not Level — Level Vendor.
  - E. Coin Acceptor dirty — clean Coin Acceptor.
  - F. Loose or broken wire to Normal Open Terminal on Full Stroke Switch — repair or replace.
- III. VENDOR ACCEPTS COINS, BUT DOES NOT VEND ANY SELECTIONS.
  - A. Selector Button stuck, causing electronic shut-down of Coin Mechanism — correct or replace Selector Button or Switch. (*for F-150 only*)
  - B. Vend prices set wrong (all too high) — set Vend prices correctly.
  - C. Door Plug(s) not completely engaged — make sure plug(s) are locked together.
  - D. Defective Coin Mechanism — repair or replace.
  - E. Selection Relay defective — replace.
  - F. Price Switches all turned off (*12-column only*) — reactivate.
- IV. VENDOR ACCEPTS COINS, BUT DOES NOT VEND ON ONE OR MORE SELECTIONS.
  - A. Vend Price set incorrectly — set Vend Price correctly.
  - B. Selection SOLD-OUT — load Selection.
  - C. SOLD-OUT Switch out of adjustment, unplugged, or defective — correct the adjustment, plug in the switch, or replace it.
  - D. Selection Switch out of adjustment or defective — readjust switch, or replace.
  - E. Loose or Broken Selection Wire — repair or replace.
  - F. Defective Coin Mechanism — repair or replace.
  - G. Price Switch turned off (*12-column only*) — reactivate.
- V. VENDOR VENDS PROPERLY, BUT PAYS BACK WRONG, OR NO CHANGE.
  - A. Vend Price set incorrectly — set price correctly.
  - B. Changer out of Change — fill Change Tubes.
  - C. Defective Coin Mechanism — repair or replace.

**VI. PRODUCT DOES NOT MATCH SELECTION PUSHED.**

- A. Product loaded wrong — load product correctly.
- B. Vend Mechanism plugs crossed — make sure Vend Mechanisms are plugged in correctly.
- C. Selection Switch stuck ON — make sure Selection Button moves freely.

**VII. VENDOR FREE VENDS.**

- A. Defective Coin Mechanism — repair or replace.
- B. Full-stroke Switch out of adjustment, or defective — readjust switch or replace.
- C. Can Jump Guard not adjusted properly — adjust Can Jump Guard correctly.

**VIII. VENDOR VENDS TWO OR MORE CANS WITH ONE SELECTION.**

- A. Solenoid does not make complete stroke — replace or adjust Solenoid.
- B. Can Jump Guard not adjusted properly — readjust.

**REFRIGERATION SYSTEM:**

Know and understand service units, and how they operate. Units may vary, but the operation is basically the same.

Never guess at the problem; solve it by reading the symptoms.

**I. COMPRESSOR WILL NOT START.**

- A. Voltage (check to see if compressor has power).
  - 1. Tripped breaker or blown fuse.
  - 2. Wall outlet faulty.
  - 3. Short or tear in Power Cord.
  - 4. Faulty Cold Control.
    - a. Unplug power supply, remove screws from thermostat. Use a jumper wire, or place screw through terminals; then restore power and check to see if the unit runs.
  - 5. Check for improper wiring.

**II. COMPRESSOR TRIPS ON OVERLOAD.**

- A. Improper Voltage (117 A.C. normal).  
5-10% above, 5% below.
- B. Overload defective.  
See VIII, 2.
- C. Relay defective.  
See VIII, 3.
- D. Compressor defective.  
See VIII, 4.
- E. Start capacitor defective.  
See VIII, 5.
- F. Short in other Component.  
Isolate and eliminate each electrical component until short is found.

- G. Compressor is too hot.
  - 1. Dirty Condenser.
  - 2. Faulty Condenser motor or blade.
  - 3. Restricted air flow.

### III. NOISY OR VIBRATING UNIT:

- A. Components rubbing or touching each other.
  - 1. Check fan blades and motors.
  - 2. Loose shrouds and harness.
  - 3. Copper tubing.
  - 4. Loose or unsecured parts.
- B. Grommets.
  - 1. Worn, aged.
- C. Compressor.
  - 1. Bad valves.
  - 2. Slugging.
  - 3. Bad windings. (*see Index*)
- D. Relay.
  - 1. Frozen in start position. (*see Index*)
- E. Low voltage.

### IV. UNIT SHORT CYCLES.

- A. Cold Control.
  - 1. Differential set too close.
  - 2. Probe in wrong area (i.e. Touching evaporator).

### V. UNIT OPERATES LONG OR CONTINUOUSLY.

- A. Thermostat faulty.
- B. Air flow restricted.
  - 1. Faulty evaporator motor or blades.  
Evaporator coil iced.
  - 2. Air flow blocked by cans placed in front of evaporator.
- C. Gasket leak.
- D. Excessive load.
  - 1. After loading, units run longer to pull out excessive from product.
- E. Shortage of refrigerant or restriction.

### VI. REFRIGERATED SPACE TOO WARM.

- A. Restricted evaporator air space.
  - 1. Evaporator motor or blades bad.  
Evaporator will usually be iced over insulating evaporator.
  - 2. Condenser air flow restricted.
    - a. Plugged or dirty Condenser.
    - b. Condenser motor or blade bad.
    - c. Blade stuck.

3. Condensing space restricted.  
A unit placed too close to a wall.
4. Compressor - Bad valves.
5. Leak or restriction.
  - a. Cap tube will start frosting 8 to 10 inches past evaporator connection tube.
  - b. Check for oil around brazed connections.
6. Thermostat improperly set.

## VII. 90% OF ALL REFRIGERATION PROBLEMS ARE ELECTRICAL — **START THERE!**

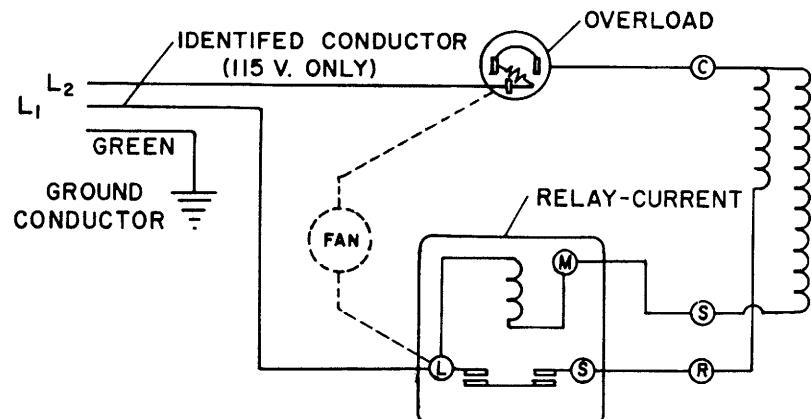
1. Rules for breaking into a sealed hermatic system:
  - A. *DON'T!* If this system was meant to be worked on outside the Factory Service Center, service valves would have been installed.
  - B. The four things that can go wrong with a sealed system and should be repaired at the Factory Service Center are:
    1. *Low Charge.* Low charges are caused usually by leaks; look for oil around seals and welds. Unit will not seal properly.
    2. *Restriction in Systems (Unit frosts, then melts).* Not cooling properly, low side in vacuum.
    3. *Bad Valves.* Unit does not cool properly; noisy compressor; high, low side — low, high side.
    4. *Oil Breakdown.* When this happens, it's ready to change compressors.
  - C. *REMEMBER. DO NOT* break into a sealed system for any reason. Send the unit to the Factory Service Center.

## VIII. TROUBLE SHOOTING UNIT CIRCUITS USING OHM-VOLT METER.

1. Using volt meter, check power source.
2. Check overload. (*Note: Power must be off and fan circuit open.*)
  - A. Using Ohm meter terminals 1 & 3 for continuity. If no continuity, overload may be tripped. Wait 10 minutes and try again. If still no continuity, overload is defective; replace.
3. Checking Relay: See Attachment No. 1.
  - A. Pull lead terminals or relay off the compressor, depending upon which type of relay is used. (*Note: Keep relay upright.*)
  - B. Check terminals 1 & S, or L & S. Replace relay if there is continuity.
  - C. Check terminals 1 & M, or L & M. Replace relay if there is no continuity.
4. Checking Compressor: See Attachment No. 2.
5. Checking Capacitor:
  - A. Put screwdriver across terminals of capacitor and observe spark.
  - B. Check relay terminals 1 & L with meter on R x 1 scale, if it has continuity, replace.

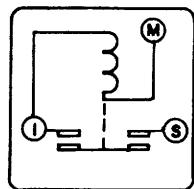
MODEL 0005, 2165, 2407

MODEL 0005, 2165, 2407

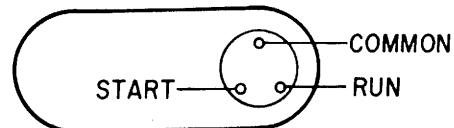


SCHEMATIC WIRING DIAGRAM - RSIR

1. When fan is used hookup as shown
2. Identified conductor maybe white or ribbed. (115 V. ONLY)
3. Assemble parts as shown if specified on Bill of Material.



NO CAPACITOR  
Approximate Resistance  
Reading Across Terminals  
USE RXI SCALE  
COMMON - Start 12 Ohms  
COMMON - Run 2 Ohms  
RUN - Start 14 Ohms  
COMMON - Shell No Continuity



ALTERNATE NUMBERING

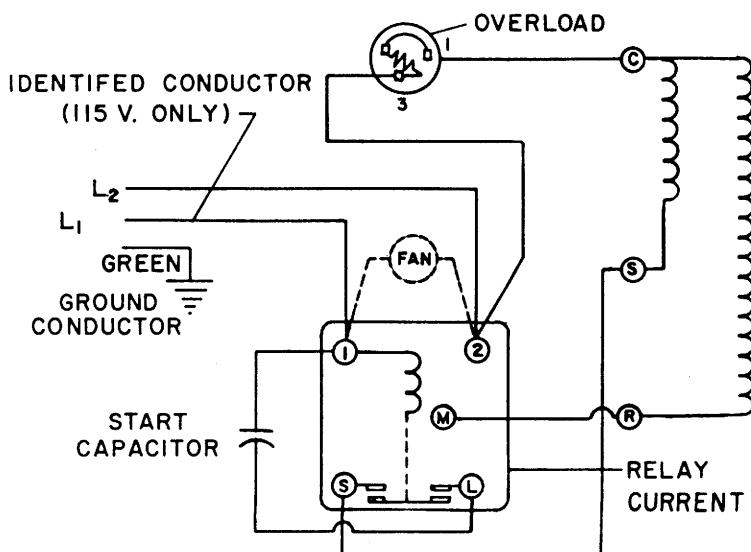
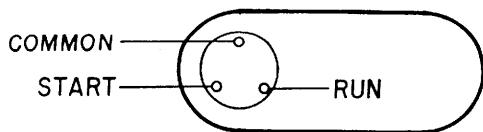
**WARNING**

WIRING DIAGRAM MUST BE FOLLOWED AS SHOWN ANY MISWIRING CAN CAUSE SERIOUS ELECTRICAL HAZARD AND POTENTIAL DAMAGE OR RUPTURE COMPONENT ELECTRICAL PARTS.

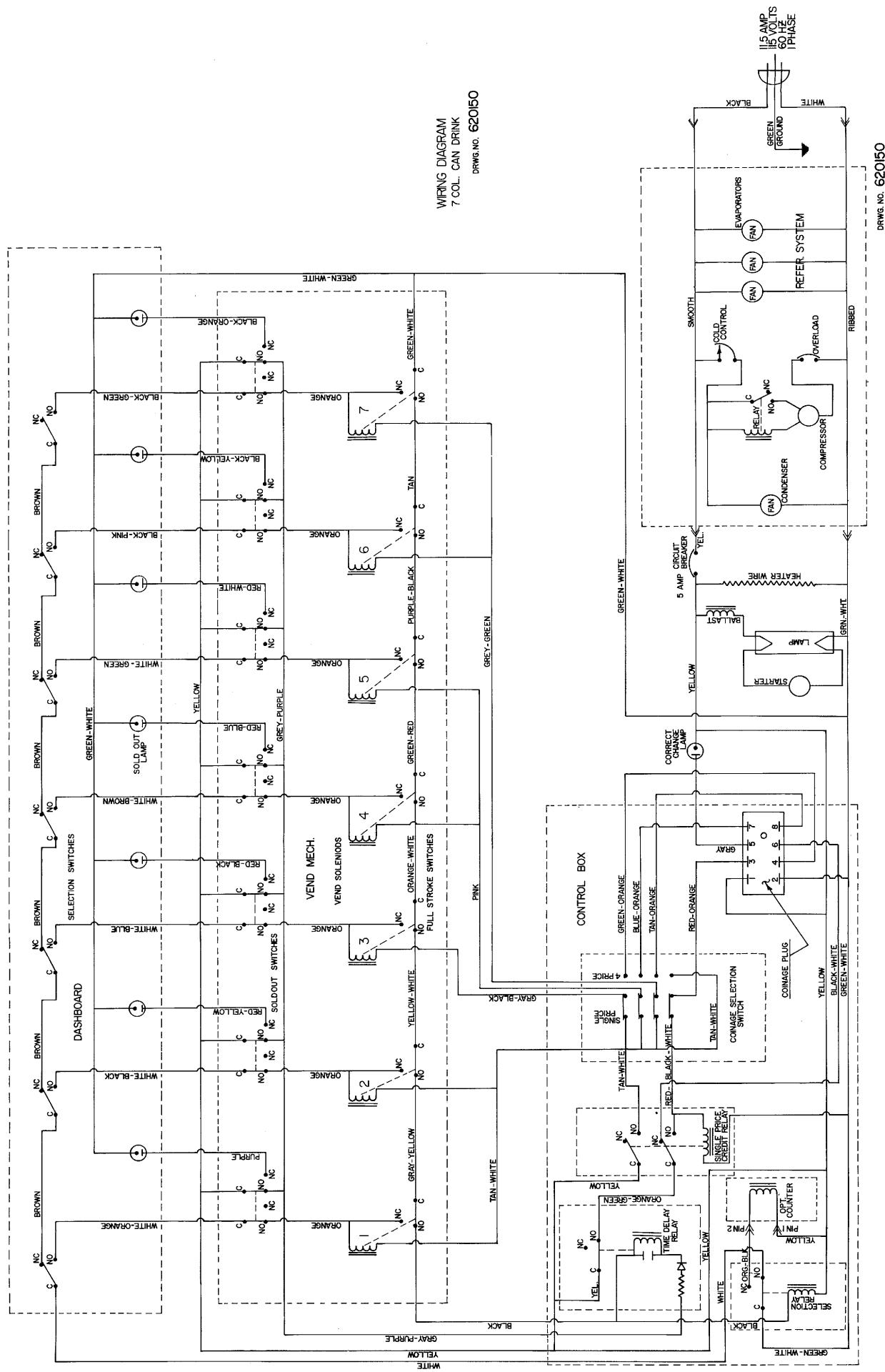
MODEL 1920

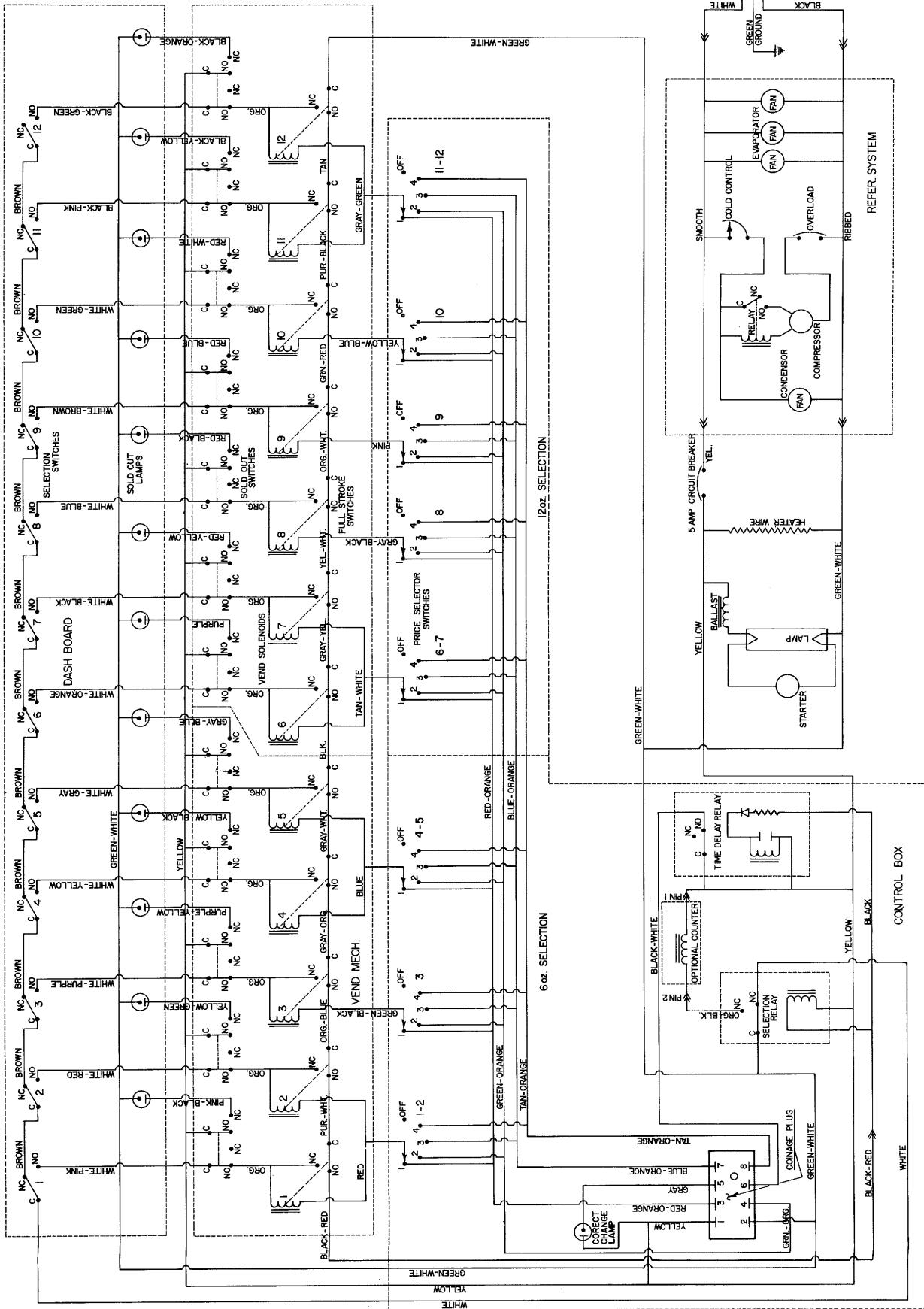
MODEL 1920

CAPACITOR  
Approximate Resistance  
Reading Across Terminals  
USE RXI SCALE  
COMMON - Start 7 Ohms  
COMMON - Run 1 Ohm  
RUN - Start 8 Ohms  
COMMON - Shell No Continuity



SCHEMATIC WIRING DIAGRAM - CSIR





# PARTS ORDERING PROCEDURE

When ordering parts, include the following information:

1. Shipping address.
2. Address where the invoice should be sent.
3. The number of parts required.
4. Always refer to the pertinent parts and/or service manual for the correct part number and description of a specific part.
  - a. If you do not have the right parts manual at the time you order, contact VENDO/USI, P.O. Box 488, 165 No. 10th Street, Waukeee, IA 50263. They will provide a copy for you.

Don't hold the order pending receipt of the parts manual; use the most accurate description you can (and the model number and serial number of the machine); include the name of the assembly in which the part is used and, if practical, a sample part. Furnish any information which will enable our order department to pinpoint the exact part needed.

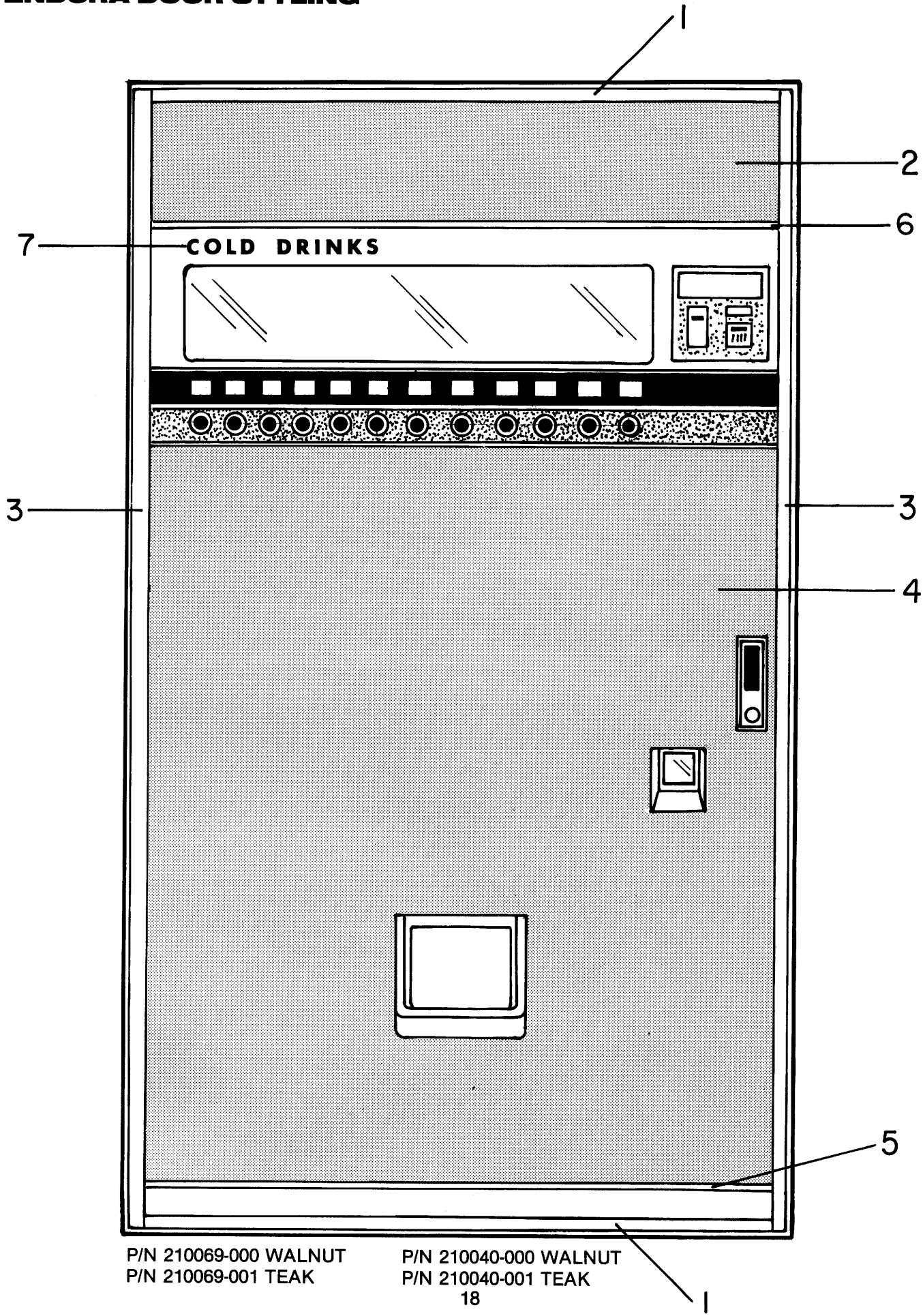
- b. When "RIGHT" and "LEFT" are used in connection with the name of a part, it is taken to mean that the person is facing the machine.
5. Always include model number and the serial number of the machines for which the parts are needed on the order.
6. List any special shipping instructions.
  - a. Always note on the order if you require air or air special, truck, parcel post, or rail. If a specific carrier is desired, note it on the order.
7. Sign the order and note the date entered on the order.
8. When a purchase order number is used, be sure that it is legible and visible.

Mail your order to:  
VENDO/USI  
P. O. Box 488  
165 North 10th Street  
Waukeee, Iowa 50263

All orders are carefully packed and inspected prior to shipment. Damage incurred during shipment should be reported at once and a claim filed with the terminating carrier.

# Notes

## VENDURA DOOR STYLING

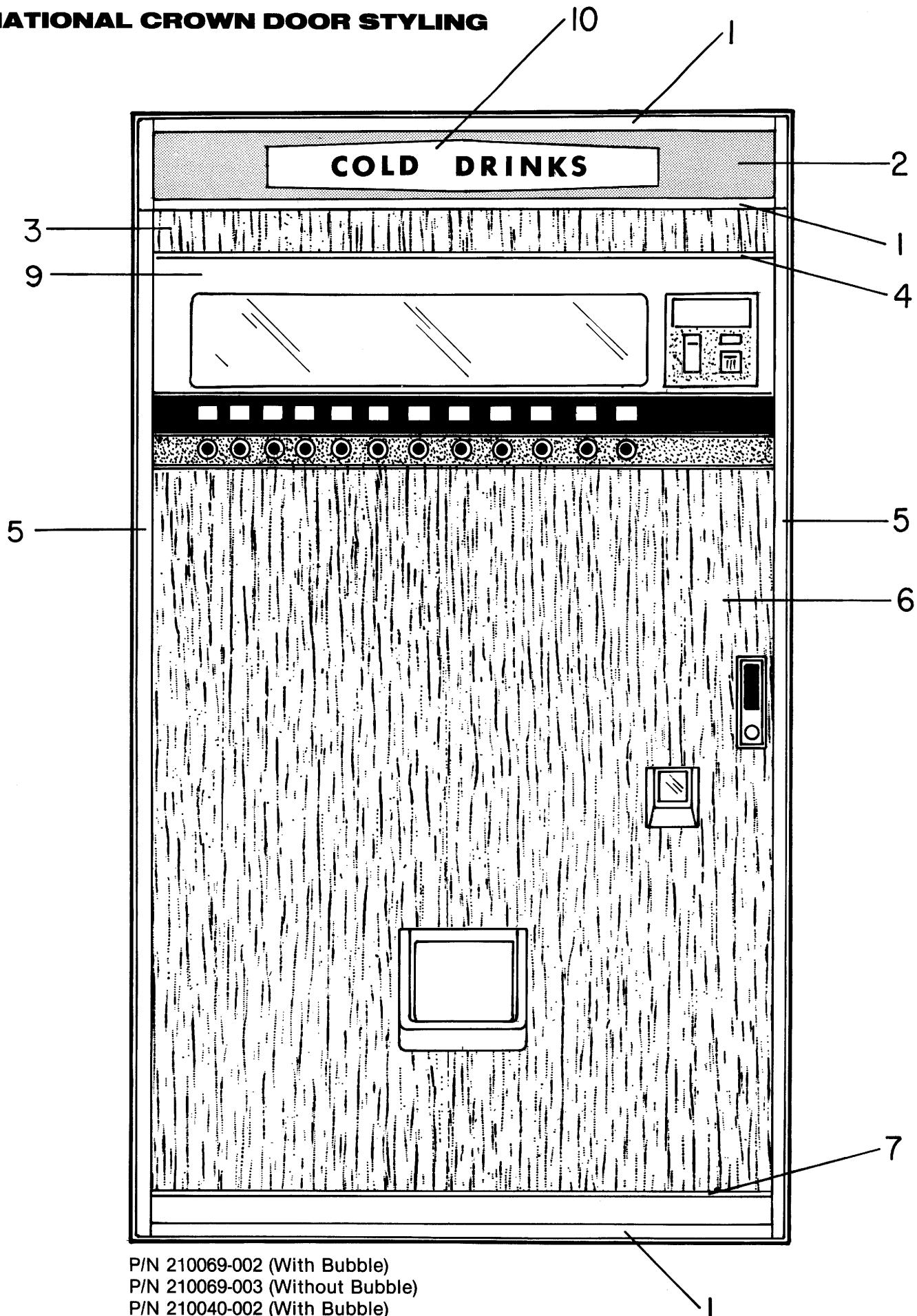


## **VENDURA DOOR STYLING**

Item	Part No.	CD7	CD7/5	Description
1	210040-000	1	1	Outer Door Final Assembly - Vendura Walnut Trim
2	210069-000	1	1	Outer Door Final Assembly - Vendura Walnut Trim
3	380744-001	2	2	Outer Door Panel - Upper Trim
4	620121-101	1	1	Outer Door Panel - Lower Trim
5	380744-000	2	2	Outer Door Panel -Lower Lower Door Panel Trim
6	620075-101	1	1	Outer Door Panel Trim
7	382273-004	1	1	Outer Door Panel Trim
8	379541-002	1	1	Outer Door Panel Trim
9	379643-1	1	1	Outer Door Panel Trim
10	50724	15	15	Product Identification Strip -Cold Drink
11	50513	15	15	#8 -32x3/8 T-Bolt (Not Shown)
12	210040-XXX	1	1	#8 -32x3/8 Twin Whiz Nut (Not Shown)
13	210069-XXX	1	1	Outer Door Assembly (Not Shown)
14				Outer Door Assembly (Not Shown)

Item	Part No.	CD7	CD7/5	Description
1	210040-001	1	1	Outer Door Final Assembly - Vendura Teak Trim
2	210069-001	1	1	Outer Door Final Assembly - Vendura Teak Trim
3	380744-001	2	2	Outer Door Panel - Upper Trim
4	620121-109	1	1	Outer Door Panel - Lower Trim
5	380744-000	2	2	Outer Door Panel - Lower Trim
6	620075-109	1	1	Outer Door Panel - Trim
7	382273-004	1	1	Trim Center
8	379541-002	1	1	Product Identification Strip - Cold Drink
9	379643-1	1	1	#8 -32x3/8 T-Bolt (Not Shown)
10	50724	15	15	#8 -32x3/8 Twin Whiz Nut (Not Shown)
11	50513	15	15	Outer Door Assembly (Not Shown)
12	210040-XXX	1	1	Outer Door Assembly (Not Shown)
13	210069-XXX	1	1	Outer Door Assembly (Not Shown)

## NATIONAL CROWN DOOR STYLING

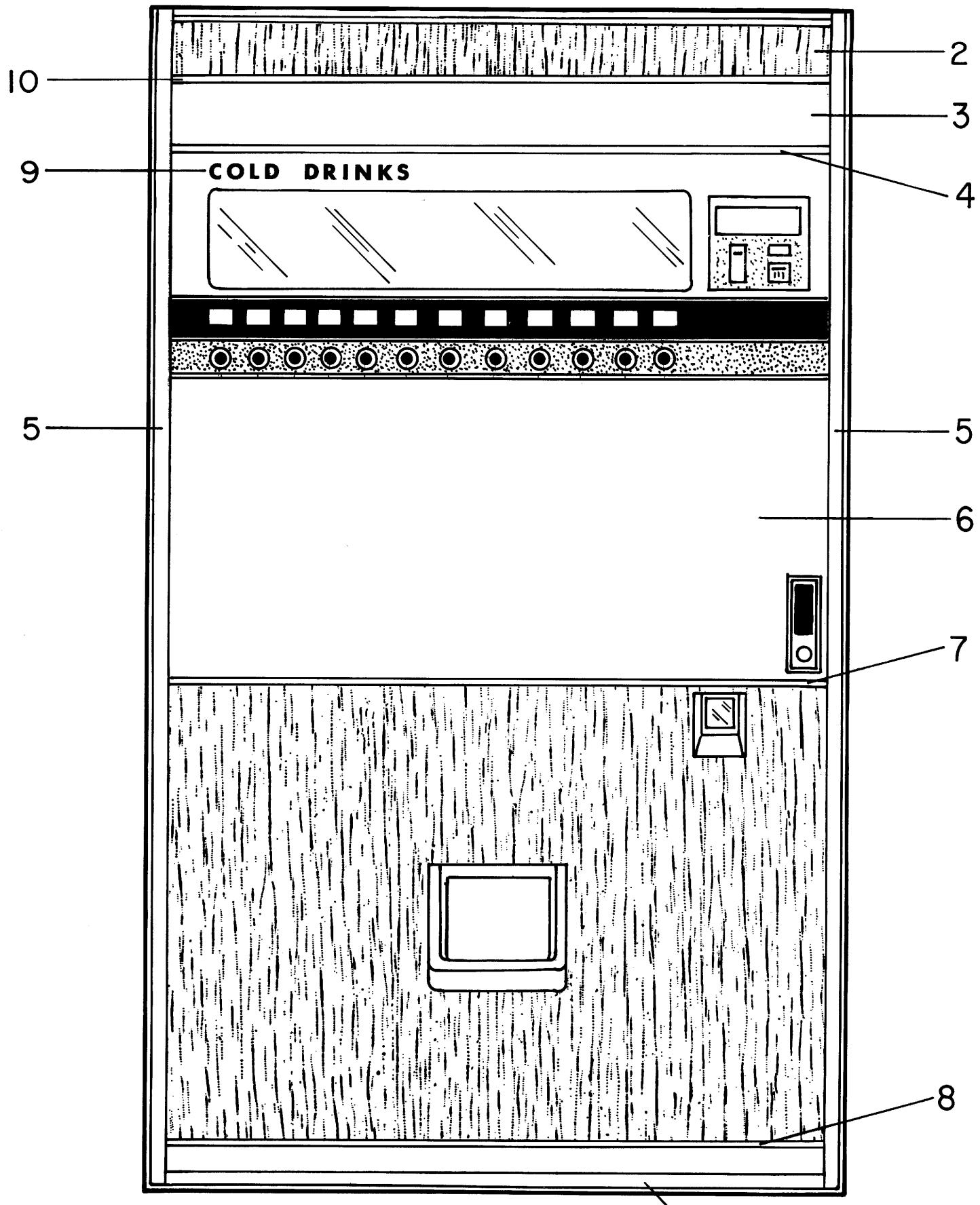


P/N 210069-002 (With Bubble)  
P/N 210069-003 (Without Bubble)  
P/N 210040-002 (With Bubble)  
P/N 210040-003 (Without Bubble)

## **NATIONAL CROWN DOOR STYLING**

Item	Part No.	CD 7	CD 7/5	Description	CD 7	CD 7/5	Description
	210040-003	1	1	Outer Door Final Assembly - National Crown without Bubble Outer Door Final Assembly - National Crown without Bubble	210040-002	1	Outer Door Final Assembly - National Crown with Bubble Outer Door Final Assembly - National Crown with Bubble
1	380744-00	3	3	Outer Door Panel - Upper (w/o Bubble Only) Trim	1	380744-001	3
3	620121-201	1	1	Outer Door Panel - Upper (w/o Bubble Only) Trim Center	2	361590-6	1
4	379541-002	1	1	Outer Door Panel - Upper (w/o Bubble Only) Trim Center	3	620121-601	1
5	380744-000	2	2	Outer Door Panel - Lower Lower Door Panel Trim	4	379541-002	1
6	620075-101	1	1	Outer Door Panel - Lower Lower Door Panel Trim	5	380744-000	2
7	382273-004	1	1	Product Identification Strip - Cold Drink #8 - 32x3/8 T-Bolt (Not Shown)	6	020075-101	1
9	379643-1	1	1	#8 - 32x3/8 Twin Whiz Nut (Not Shown)	7	382273-004	1
11	50724	18	18	#8 - 32x3/8 Twin Whiz Nut (Not Shown)	10	361589	1
12	50513	18	18	Outer Door Final Assembly (Not Shown)	11	50724	18
13	210040-XXX		1	Outer Door Assembly (Not Shown)	12	50513	18
	210069-XXX		1		13	210040-XXX	1
						210069-XXX	1

## ROWE DOOR STYLING

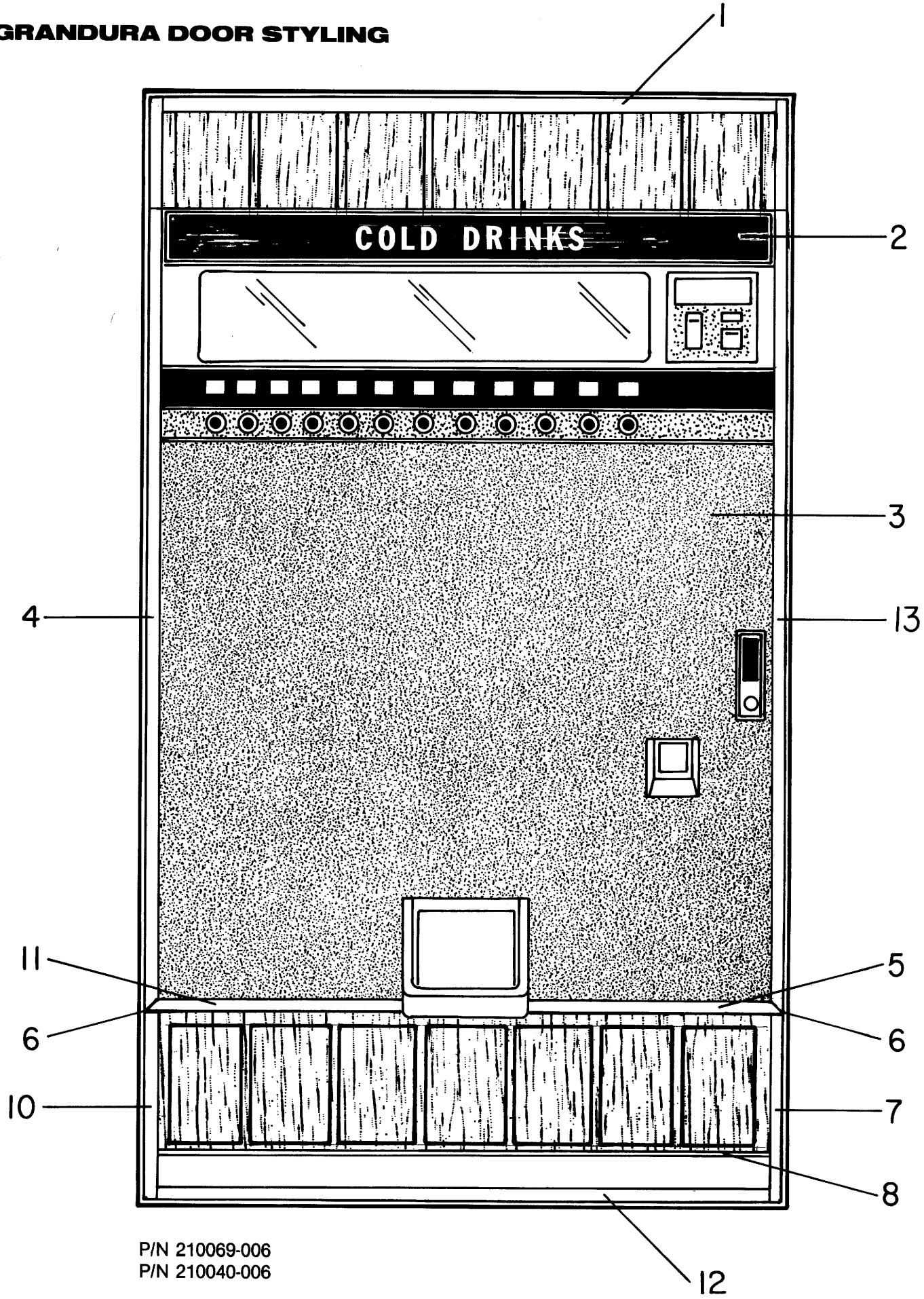


P/N 210069-004  
P/N 210040-004

## ROWE DOOR STYLING

Item	Part No.	CD 7	CD 7/5	Description	Item	Part No.	CD 7	CD 7/5	Description
1	210040-004	1	1	Outer Door Final Assembly - Rowe Award Trim	7	362964-029	1	1	Trim
	210069-004	1	1	Outer Door Final Assembly - Rowe Award Trim	8	382273-004	1	1	Lower Door Panel Trim
	380743-004	1	1	Vinyl Panel Assembly	9	379643-1	1	1	Product Identification Strip - Cold Drink Trim
2	123094-006	1	1	Vinyl Panel Assembly	10	362965-010	1	1	Outer Door Assembly (Not Shown)
3	130880-002	1	1	Vinyl Panel Assembly	11	210040-XXX	1	1	Outer Door Assembly (Not Shown)
4	379541-002	1	1	Trim Center	12	210069-XXX	1	1	#8 - 32X3/8 T-Bolt (Not Shown)
5	380742-004	2	2	Trim	12	50724	18	18	#8 - 32X3/8 Twin Whiz Nut (Not Shown)
6	210092-001	1	1	Lower Panel Vinyl Assembly	13	50513	18	18	

## GRANDURA DOOR STYLING

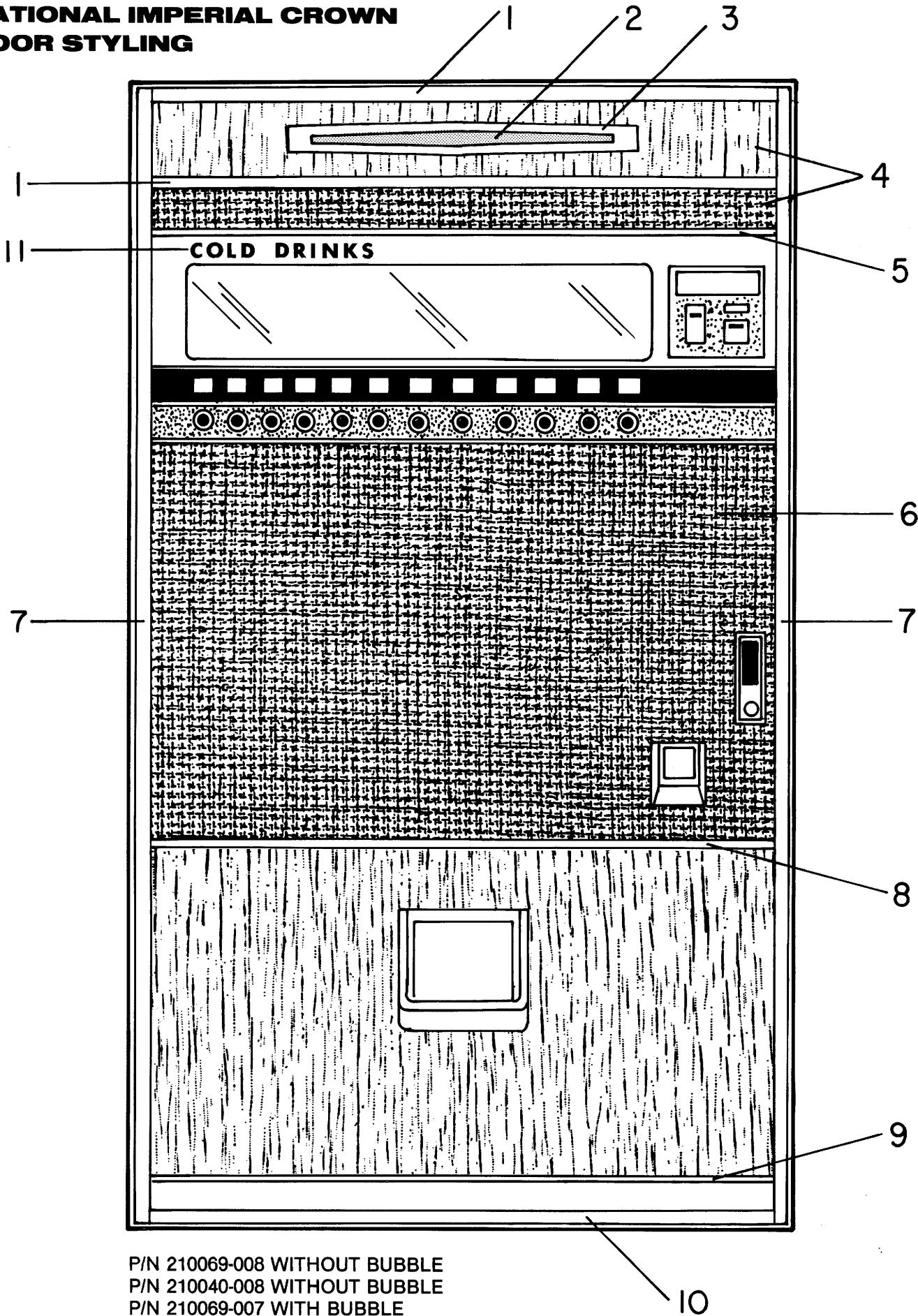


P/N 210069-006  
P/N 210040-006

## GRANDURA DOOR STYLING

Item	Part No.	CD7	CD7/5	Description	Item	Part No.	CD7	CD7/5	Description
1	210069-006	1		Outer Door Final Assembly - Grandura	12	379545-010	1	1	Trim
	210040-006	1	1	Outer Door Final Assembly - Grandura	13	379549-001	1	1	Trim
1	620178	1	1	Upper Panel Door	14	V801204	3	3	#10 - 16x3/8 Truss Hd. Tapping Screw & Lock Washer (Not Shown)
2	620188	1	1	Lower Front Retainer					#8 - 18x1/2 Pan Hd. Tapping Screw (Not Shown)
3	210091	1	1	Lower Panel Vinyl Assembly	15	V801322	7	7	#8 - 32x3/8 T-Bolt (Not Shown)
4	379549-002	1	1	Trim	16	50724	13	13	#8 - 32x3/8 Twin Whiz Nut (Not Shown)
5	379549-014	1	1	Trim	17	50513	13	13	#10 - 16x5/16 Steel Plated Truss Hd.
6	333967-5	2	2	Angle Corner	18	V801203	3	3	Tapping Screw (Not Shown)
7	379545-011	1	1	Trim					Double Sided Tape (Not Shown)
8	382273-004	1	1	Lower Door Panel Trim	19	VM5109	3"		
9	210040-XXX	1	1	Outer Door Assembly (Not Shown)					
	210069-XXX	1	1	Outer Door Assembly (Not Shown)					
10	379545-012	1	1	Trim					
11	379549-013	1	1	Trim					

**NATIONAL IMPERIAL CROWN  
DOOR STYLING**



P/N 210069-008 WITHOUT BUBBLE

P/N 210040-008 WITHOUT BUBBLE

P/N 210069-007 WITH BUBBLE

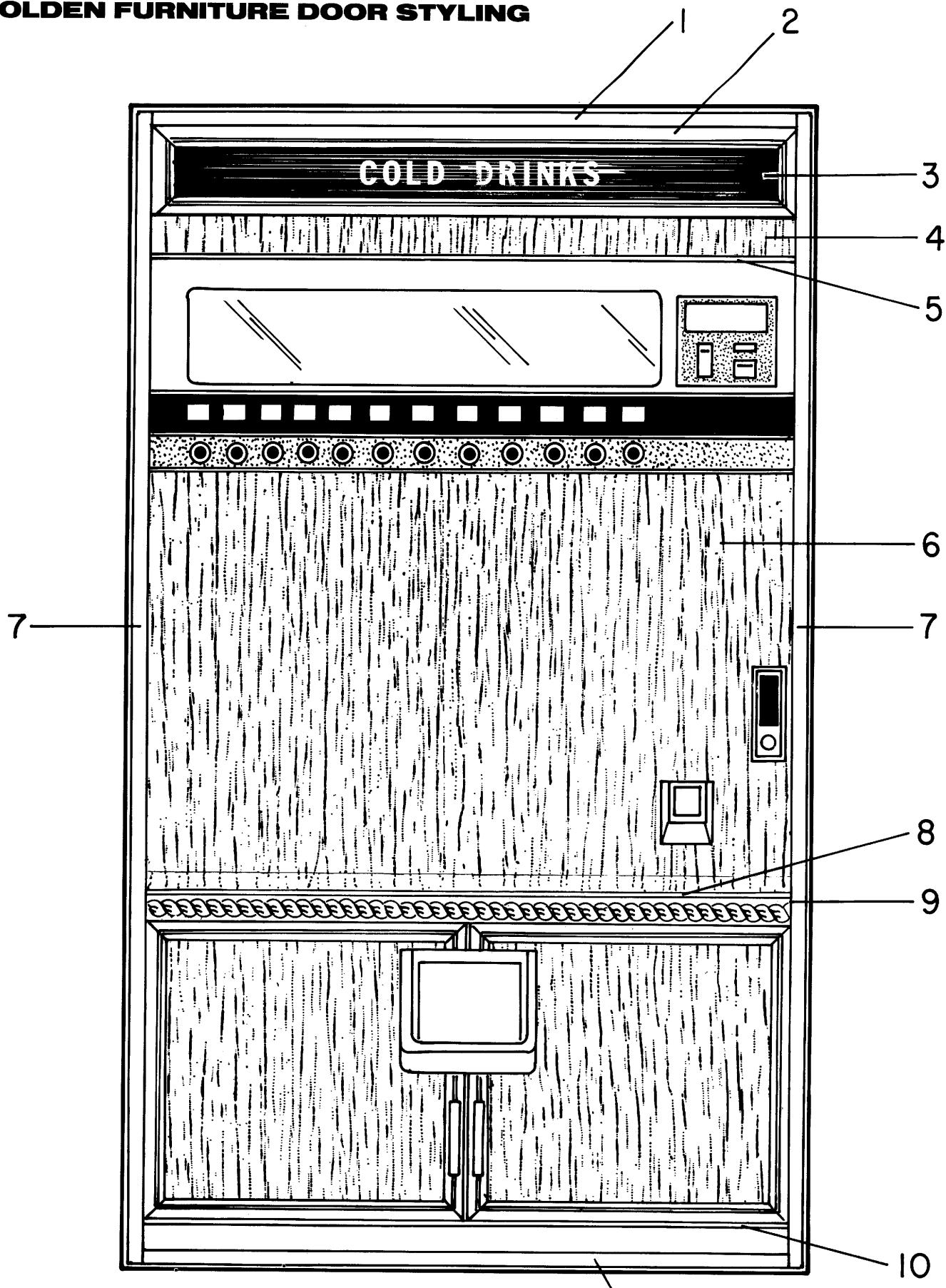
P/N 210040-007 WITH BUBBLE

## NATIONAL IMPERIAL CROWN DOOR STYLING

Item	Part No.	CD 7	CD 7/5	Description
	210040-007	1	1	Outer Door Final Assembly - Imperial Crown with Bubble
	210069-007	1	1	Outer Door Final Assembly - Imperial Crown with Bubble
1	380742-011	2	2	Trim
2	382178	1	1	Strip Upper
3	382177	1	1	Frame
4	130586-5	1	1	Upper Panel Vinyl Assembly
5	379541-002	1	1	Trim
6	210088	1	1	Lower Panel Vinyl Assembly
7	380742-004	2	2	Trim
8	362964-029	1	1	Trim
9	382273-004	1	1	Lower Panel Door Trim
10	380743-004	1	1	Trim
11	379643-1	1	1	Product Identification Strip - Cold Drink
12	210040-XXX	1	1	Outer Door Final Assembly (Not Shown)
13	210069-XXX	1	1	Outer Door Assembly (Not Shown)
13	50724	24	24	#8 - 32x3/8 T-Bolt (Not Shown)
14	50513	24	24	#8 - 32x3/8 Twin Whiz Nut (Not Shown)
15	50423	4	30	#8x3/8 Phil Pan HO S.M.S. (Not Shown)

Item	Part No.	CD 7	CD 7/5	Description	CD 7	CD 7/5	Description
	210040-008	1	1	Outer Door Final Assembly - Imperial Crown without Bubble			
	210069-008	1	1	Outer Door Final Assembly - Imperial Crown without Bubble			
1	380742-011	2	2	Trim			
4	130586-7	1	1	Upper Panel Vinyl Assembly			
5	379541-002	1	1	Trim - Center			
6	210088	1	1	Lower Panel Vinyl Assembly			
7	380742-004	2	2	Trim			
8	362964-029	1	1	Trim			
9	382273-004	1	1	Lower Panel Door Trim			
10	380743-004	1	1	Trim			
11	379643-1	1	1	Product Identification Strip - Cold Drink			
12	210040-XXX	1	1	Outer Door Final Assembly (Not Shown)			
13	50724	24	24	#8 - 32x3/8 T-Bolt (Not Shown)			
14	50513	24	24	#8 - 32x3/8 Twin Whiz Nut (Not Shown)			
15	50423	4	30	#8x3/8 Phil Pan HO S.M.S. (Not Shown)			

## GOLDEN FURNITURE DOOR STYLING



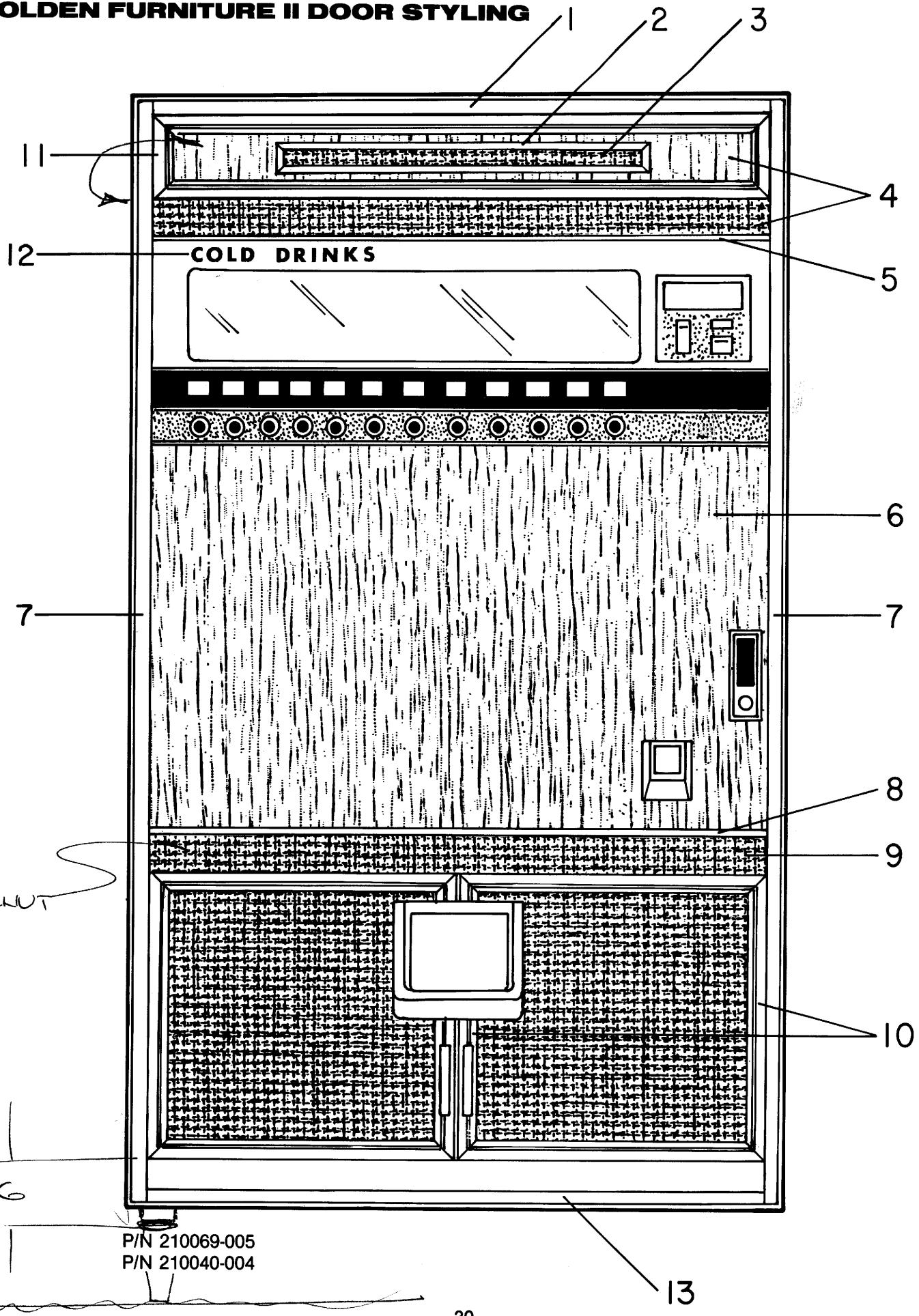
P/N 210069-009  
P/N 210040-009

## **GOLDEN FURNITURE DOOR STYLING**

Item	Part No.	CD 7	CD 7/5	Description
	210040-009	1	1	Outer Door Final Assembly Golden Furniture
	210069-009	1	1	Outer Door Final Assembly Golden Furniture
1	379574-017	2	2	Trim
2	376428-001	1	1	Sign Frame
3	376418-12	1	1	Strip Product Identification
4	620121-601	1	1	Outer Door Panel Upper
5	379541-002	1	1	Trim Center
6	210105	1	1	Lower Panel Silk Screen Assembly
7	379574-016	2	2	Trim
8	376406-004	1	1	Trim

Item	Part No.	CD 7	CD 7/5	Description
9	376417-010	1	1	Strip Lower Trim
10	382273-004	1	1	Lower Door Panel Trim
11	210040-XXX	1	1	Outer Door Assembly (Not Shown)
	210069-XXX	1	1	Outer Door Assembly (Not Shown)
12	50774	24	24	#8 - 32X3/8 T-Bolt (Not Shown)
13	50513	28	28	#8 - 32X3/8 Twin Whiz Nut (Not Shown)
14	50423	6	6	#8X3/8 Phil Pan Hd. S.M.S.
15	V801318	4	4	#8 - 32X1/2 Flat Hd. Machine Screw (Not Shown)

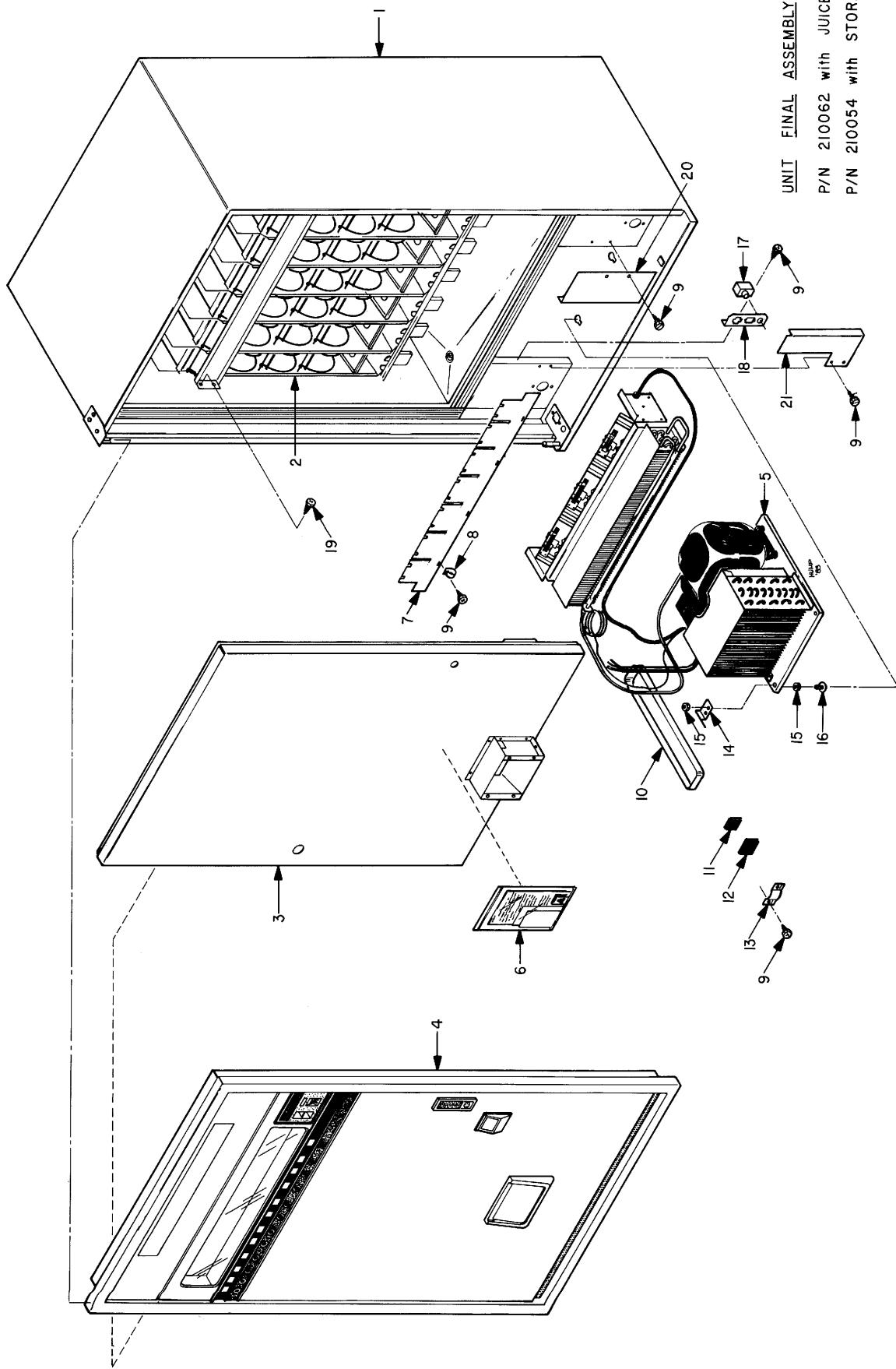
## GOLDEN FURNITURE II DOOR STYLING



## **GOLDEN FURNITURE II DOOR STYLING**

Item	Part No.	CD 7	CD 7/5	Description	Item	Part No.	CD 7	CD 7/5	Description
	210040-005	1	1	Outer Door Final Assembly - Golden Furniture II	9	130531-7	1	1	Strip Trim Insert
	210069-005	1	1	Outer Door Final Assembly - Golden Furniture II	10	382126	1	1	Wood Frame - Bottom
	380742-021	1	1	Trim	11	382126-2	1	1	Wood Frame - Upper
1	382121	1	1	Wood Frame Center	12	379643-1	1	1	Product Identification Strip - Cold Drink
2	382118	1	1	Center Strip	13	380743-008	1	1	Trim
3	130532-2	1	1	Upper Panel Vinyl Assembly	14	210040-XXX	1	1	Outer Door Assembly (Not Shown)
4	379541-002	1	1	Trim Center	15	210069-XXX	1	1	Outer Door Assembly (Not Shown)
5	210089	1	1	Lower Panel Vinyl Assembly	16	50724	15	15	#8 - 32x3/8 T-Bolt (Not Shown)
6	380743-018	2	2	Trim	17	50518	19	19	#8 - .32x3/8 Whiz Nut (Not Shown)
7	376406-001	1	1	Center Trim	18	50423	30	6	#8 x 3/8 Phil Pan Hd. S.M.
8					18	V801318	4	4	#8 - 32x1/2 Flat Hd. Machine Screws

# UNIT FINAL ASSEMBLY



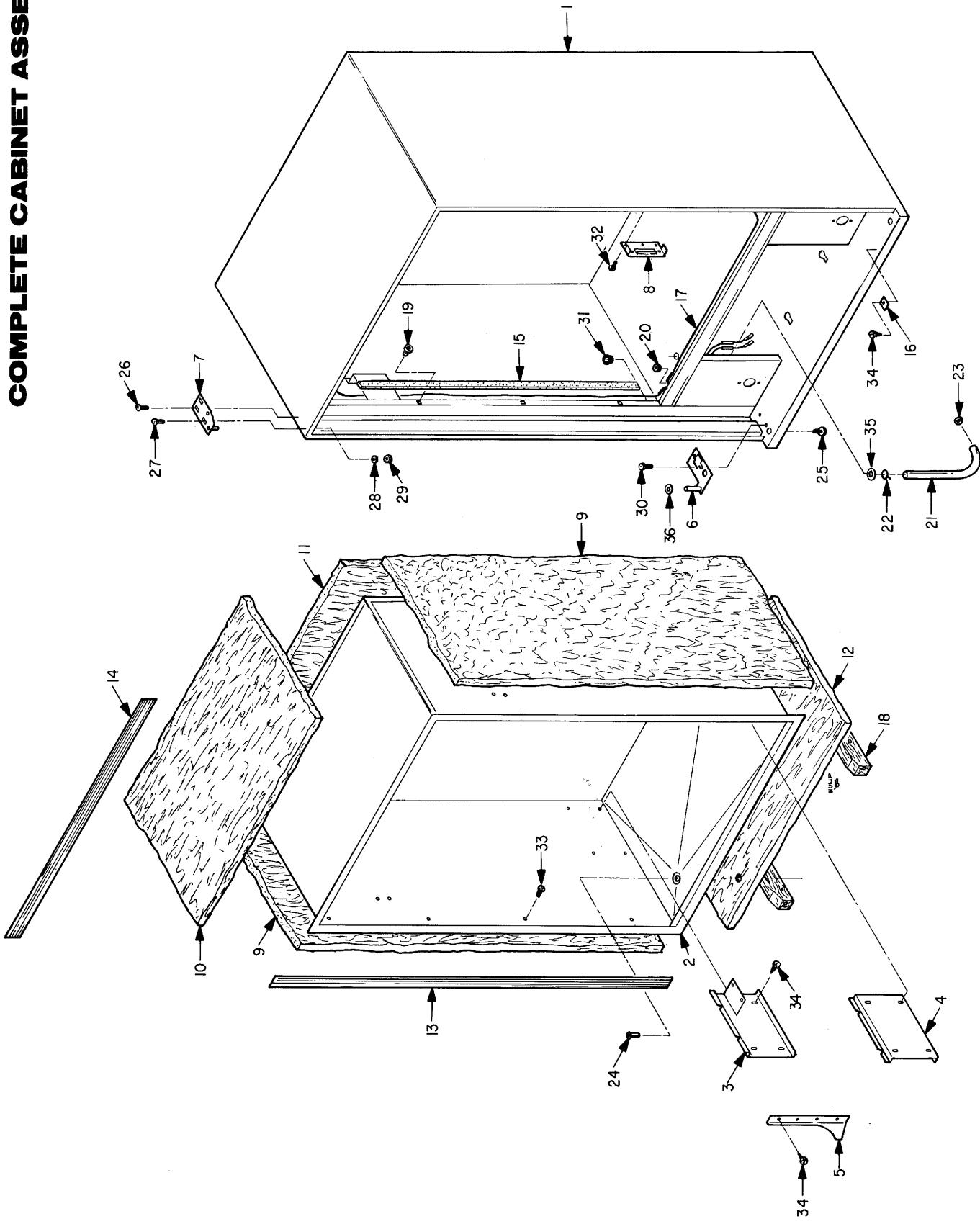
**UNIT FINAL ASSEMBLY**

Item	Part No.	CD 7	CD 7/5	Description
1	210049	1	1	Complete Cabinet Assembly
2	210042	1	1	Complete Can Rack Assembly
3	210043	1	1	Inner Door Final Assembly
4	210041	1	1	Inner Door Final Assembly
	210040-XXX		1	Outer Door Final Assembly - XXX is noted at end of Bill of Material in the Door Styling
5	210060-XXX	1	1	Chassis Refrigeration Complete 1/2 H.P.
6	210080	1	1	Service Package
	358425	1	1	Folder Plastic
	620157	15	15	Price Arrow
	1620154	1	1	Price Label Blank - 45¢
	1620155	1	1	Price Label - 50¢ - 75¢
7	620112	1	1	Air Baffle
8	601116	1	1	Plastic Wire Clamp 3/8
9	50202	12	12	#8 - 18x1/2 Phil./Hex Washer Hd. Tek
10	20-0623-000	1	1	Drain Pan
11	20-0407-000	1	1	Seal, Refrigeration Tube
12	20-0407-001	1	1	Seal, Refrigeration Tube
13	20-0156-000	1	1	Cover, Refrigeration Tube
14	20-1925-000	1	1	Anchor Clip
15	50066	4	4	5/16 - 18 Hex Nut
16	50065	2	2	5/16 - 18x1 1/4 Carriage Bolt
17	33620	1	1	5-amp Circuit Breaker
18	25-0119-000	1	1	Bracket, Connector & Fuse Mount
19	20-0468-001	4	4	#10x1" Phil. Truss Hd. S.M.S.
20	620183	1	1	Front Air Baffle - Right
21	620184	1	1	Front Air Baffle - Left

Item	Part No.	CD 7	CD 7/5	Description
		22	210078	1
			620003	1
			129777	1
			620132	1
			620133	6
			620136	1
		22	210084	1
			620003	1
			129777	1
			620132	1
			620133	11
			620134	1
			620135	1
		23	210079	1
			620130	1
			619131	7
			20-0496-003	7
			33-2501-000	1
		23	210085	1
			620130	1
			620131	12
			20-0496-003	12
			33-2501-000	1
			34206	5

33

# COMPLETE CABINET ASSEMBLY

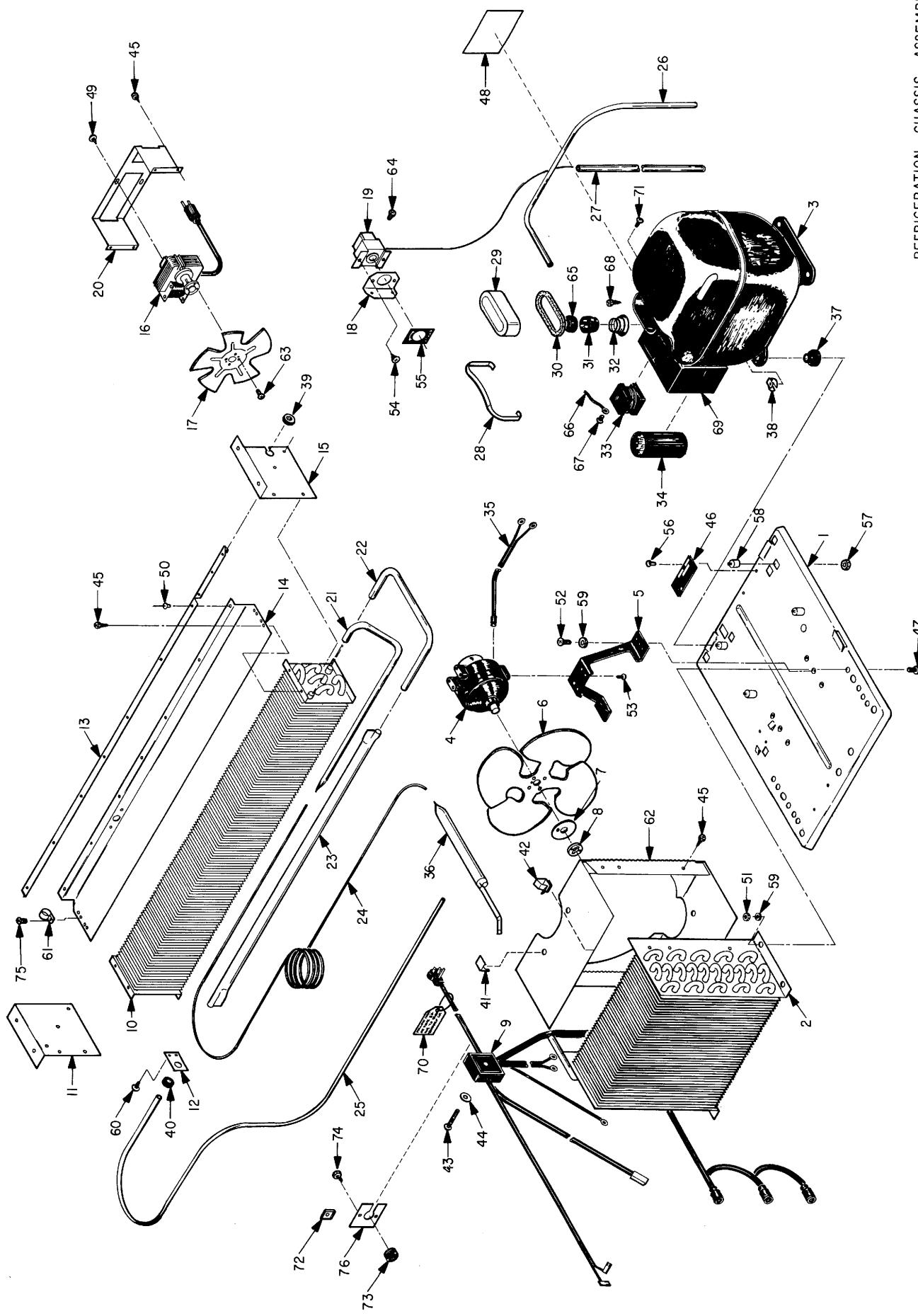


CABINET ASSEMBLY  
P/N 210049

## COMPLETE CABINET ASSEMBLY

Item	Part No.	No. Req'd.	Description	Item	Part No.	No. Req'd.	Description
1	210049	1	Complete Cabinet Assembly	20	33683	1	Strain Relief Bushing 1/2" I.D.11/16" O.D.x17" long Mayon Tub-
2	210045	1	Cabinet Weld Assembly	21	25410	1	ing Tube Clip
3	210037	1	Cabinet Liner Weld Assembly	22	20-0341-000	1	Drain Tube Screen
3	210065	1	Can Rack Support Weld Assembly - Left	23	60411	1	Drain Tube
4	210066	1	Can Rack Support Weld Assembly - Right	24	10-0042-000	1	Leg Leveler
5	20-1743-000	3	Can Rack Support	25	60310	4	5/16-18x3/4 Carriage Bolt
6	210071	1	Lower Hinge Stake Assembly	26	50099	1	5/16-18x1 1/4 Carriage Bolt
7	210044	1	Upper Hinge Stake Assembly	27	V44096	2	5/16 Lock Washer
8	384283	1	Cabinet Latch	28	18-6148-000	3	5/16 Hex Nut
9	8878-001	2	Cabinet Insulation - Sides	29	50066	3	5/16-18x3/4 Hex Hd. Bolt
10	8881-001	1	Cabinet Insulation - Top	30	50072	2	Snap Bushing .562 Hole
11	20-0952-007	1	Cabinet Insulation - Back	31	20-0274-004	4	#1/4 - 20x7/17 Phil. Truss Hd. Tapite
12	8877-001	1	Cabinet Insulation - Bottom	32	33-2235-000	2	#10x1" Phil. Truss Hd. S.M.S.
13	20-1475-014	2	Breaker Strip - Sides	33	20-0468-001	9	#8 - 18x 1/2 Phil./Hex Washer Hd. Tek
14	20-1475-013	2	Breaker Strip - Top & Bottom	34	50202	25	Plastic Washer
15	96-0247-000	1	15 1/2' A-Frame Gasket	35	50767	1	Drain Tube Keeper
16	25610	1	Door Glide	35	620201	1	
17	33-4795-002	1	Heater Wire				
18	620120	2	Liner Support - Wood				
19	09-0004-300	13	Plastic Grommet				

# REFRIGERATION CHASSIS ASSEMBLY



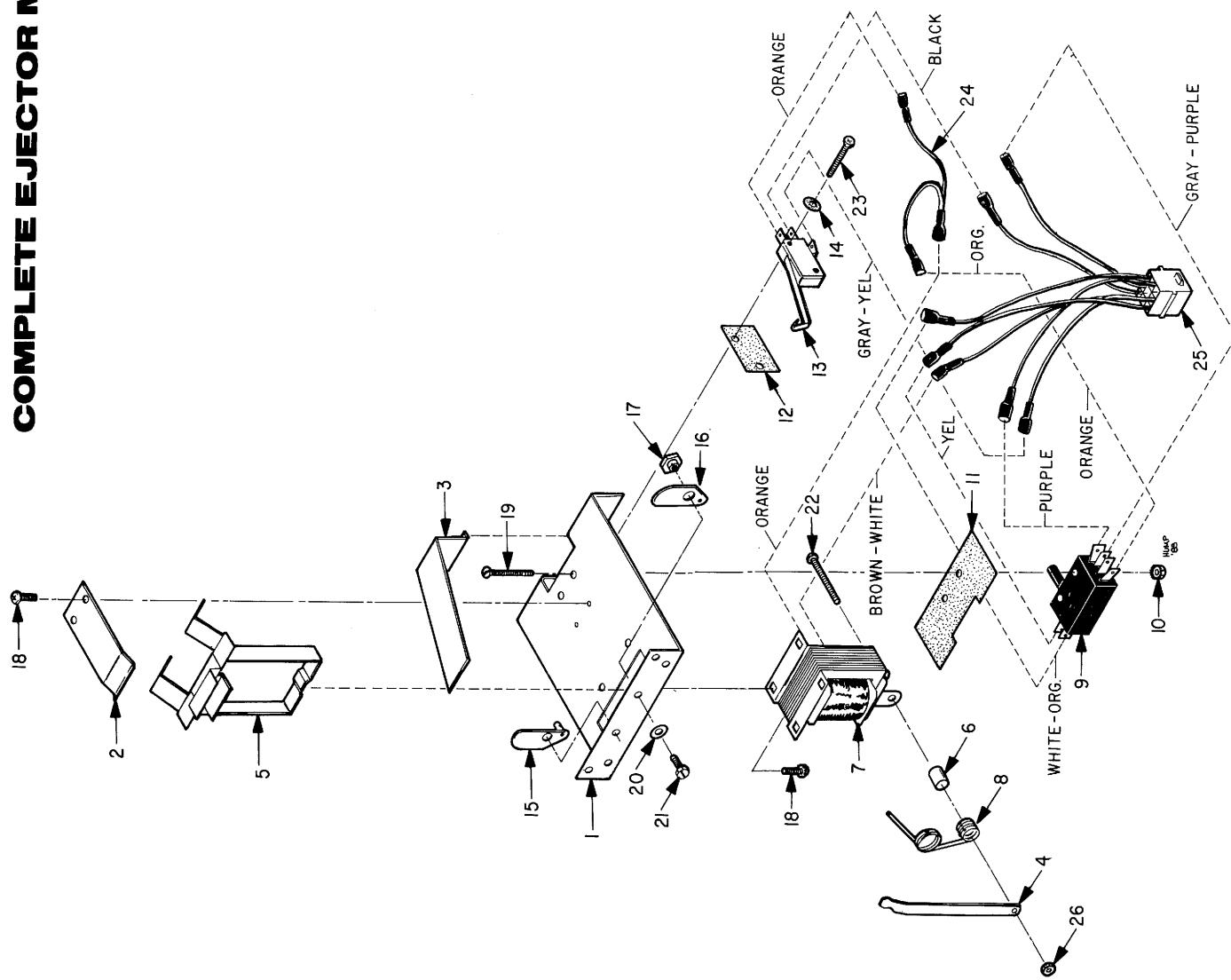
REFREGERATION CHASSIS ASSEMBLY  
 P/N 210072 (1/2 HORSEPOWER)

# REFRIGERATION CHASSIS ASSEMBLY

Item	Part No.	No. Req'd.	Description
1	210072	1	Chassis Refrigeration Complete $\frac{1}{2}$ H.P.
1	343839	1	Base Plate - Refrigeration
2	33-2337-000	1	Condenser Coil $\frac{1}{2}$ H.P.
3	33-0952-000	1	Compressor $\frac{1}{2}$ H.P.
4	33-2417-000	1	Motor 9-watt Condenser Fan
5	18-7395-000	1	Bracket, Condenser Fan Mfg.
6	18-7393-000	1	10" Fan Blade
7	18-7394-000	1	Silencer, Condenser Fan
8	18-6097-000	1	Nut Condenser Fan Blade (Redmond 15A25)
9	33-2501-000	1	Service Harness
10	33-2399-000	1	Coil, Evaporator
11	33-2348-001	1	Evaporator End Plate - Left
12	33-2384-000	1	Bracket, Accumulator Tube Support
13	33-2352-000	1	Fan Shroud Evaporator
14	33-2358-000	1	Top Baffle Evaporator
15	33-2348-000	1	Evaporator End Plate - Right
16	33-1297-000	1	Fan Blade, C.C.W.
18	33-2408-000	1	Bracket, Thermostat
19	33-4123-000	1	Thermostat (Furnished with Refrigeration Unit)
20	33-0391-000	1	Motor Mount
21	620147	1	Tube, Capillary Connecting
22	620146	1	Tube, Accumulator Connecting
23	33-2401-000	1	Accumulator
24	620146	1	Tube-Cap
25	620145	1	Line Suction 3/8
26	33-2436-000	1	Discharge Line
27	17-4040-000	1	Vinyl Tubing .125 I.D.
28	33-0954-000	1	Strap Bale $\frac{1}{2}$ H.P.
29	33-0956-000	1	Cover $\frac{1}{2}$ H.P.
30	33-1103-000	1	Cover Gasket
31	33-0953-000	1	Overload $\frac{1}{2}$ H.P.
32	33-0955-000	1	Spring Overload
33	33-0958-000	1	Relay
34	33-0959-000	1	Start Capacitor
35	33-2430-000	1	Cord, Extension, 22 F Plug
36	33-2433-000	1	Drier
37	18-9723-000	4	Grommet, Compressor
38	18-7888-000	4	Clip, Compressor Mounting
39	336683	1	Bushing, Strain Relief

Item	Part No.	No. Req'd.	Description
40	34157	1	Grommet, for 7/16 Dia. Hole, 5/16 I.D.
41	33-2414-000	4	$\frac{1}{4}$ clip, Shroud Side
42	33-3096-000	4	Tinnerman Square Back Clip
43	33-2392-000	1	#8 x 1 1/2 Phil. Pan Hd. S.M.S.
44	50585	1	#8 External Lockwasher
45	50202	22	#8 - 18x 1/2 Phil./Hex Washer Hd. Tek
46	338154	1	Name Plate
47	33-2393-000	4	1/4 - 20x 1/2 Hex Hd. Cap Screw
48	33-2492-000	1	Warning, Decal - Refrigeration
49	18-7209-000	2	#10 - 32x5/16 Phil. Pan Hd. M.S.
50	50663	13	Pop Rivet
51	50531	4	1/4-20 Hex Nut
52	33-2235-000	2	1/4-20x7/16 Phil. Truss Hd. Tapite
53	18-6154-000	4	#8 - 36x5/16 Phil. Pan Hd. M.S.
54	50234	2	#8 - 32x3/8 Phil. Truss Hd. M.S.
55	33-3084-000	1	Decal, Thermostat
56	323064	2	Drive Screw
57	V800949	4	3/8-16 Hex Nut with Ext. Lock Washer
58	343872	4	Stud - Compressor Mounting
59	50593	4	1/4 External Lockwasher
60	20-0468-003	2	#8x3/8 Phil. Truss Hd. Type A Self-Tap
61	09-0002-704	1	Clamp, Cable
62	33-2406-000	1	Shroud, Condenser Fan
63	18-6811-000	2	#3-48x3/16 Slotted Rd. Hd. M.S.
64	33-1298-000	3	Evaporator, Fan & Motor Assembly (Not Shown)
65	33-1102-000	1	Adapter Overload
66	25-0164-000	1	Wire Leads
67	20-0469-016	6	6-32x5/16 Truss Hd. Phil. Hd.
68	50234	2	8-32x3/8 Truss Hd. Phil. Hd.
69	33-0957-000	1	Handy Box - Assembly $\frac{1}{2}$ H.P. (Not Shown)
70	18-6633-000	1	Tag Instruction
71	20-0470-017	2	10-32x3/8 Rd. Hd. Phil. Type 23
72	50595-001	2	"J" Type Tinnerman
73	33683	1	Cord, Relief Bushing
74	33-1309-000	2	#8 x 1/2 Truss H.D. Type "A" S.M.S.
75	20-0468-003	1	#8 x 3/8 Phil. Truss Hd. S.M.S.
76	4784	1	Plate
77	210073	1	Suction Line Assembly (Not Shown)
78	33-2493-000	1	Evaporator Fan & Shroud Assembly (Not Shown)

# COMPLETE EJECTOR MECHANISM ASSEMBLY

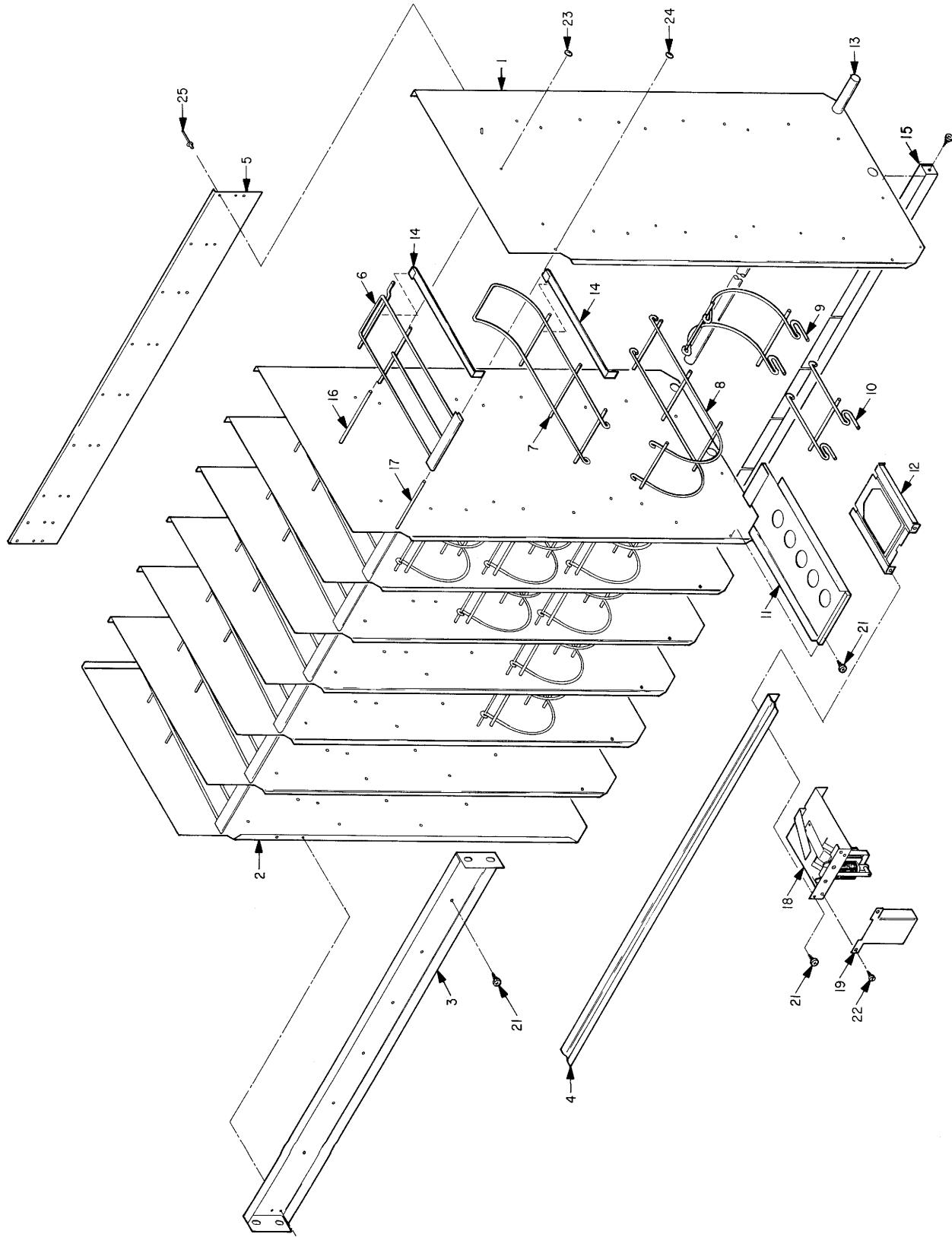


# COMPLETE EJECTOR MECHANISM ASSEMBLY

Item	Part No.	No. Req'd.	Description
1	50-0359-000	1	Activator, Plate Assembly
2	20-1127-000	1	Flat Spring
3	33-2210-000	1	Sold Out Switch Leaf
4	20-1388-000	1	Lock Out Bar
5	50-0361-000	1	Ejector Assembly
6	20-1285-000	1	Spacer
7	09-1050-300	1	Solenoid
8	20-1421-000	1	Spring Solenoid
9	20-0158-000	1	Sold Out Switch
10	50505	2	#6 - 32 Twin Whiz
11	20-0155-000	1	Insulator
12	20-0144-000	1	Insulator
13	20-0153-000	1	Switch-Stroke
14	20-0798-000	1	Washer Fiber 1/8 I.D.
16	50-0346-004	1	Cam Escapement - Right

Item	Part No.	No. Req'd.	Description
17	20-1129-000	2	#10 - 32 Shoulder Nut
18	20-0470-002	6	#8 - 32x1/4 Phil. Rd. Hd. S.E.M.S.
19	20-0469-004	2	#6 - 32x1" Phil. Truss Hd. M.S.
20	20-0729-004	2	#10 Flat Washer
21	20-1200-000	2	#10 - 32x3/8 Hex Hd. Locking Screw
22	20-0716-003	1	#8 - 32x1 1/2 Hex Hd. Screw
23	20-0470-004	2	#4 - 40x5/8 Phil. Pan Hd. Self Tap
24	20-0496-003	1	Solenoid - Jumper Wire
25	620131	1	Trip Mechanism Harness
26	50494	1	#8 - 32 Unitorque Lock Nut
27	50-0358-000	7	Ejector Mechanism Assembly (Not Shown)

# COMPLETE CAN RACK ASSEMBLY



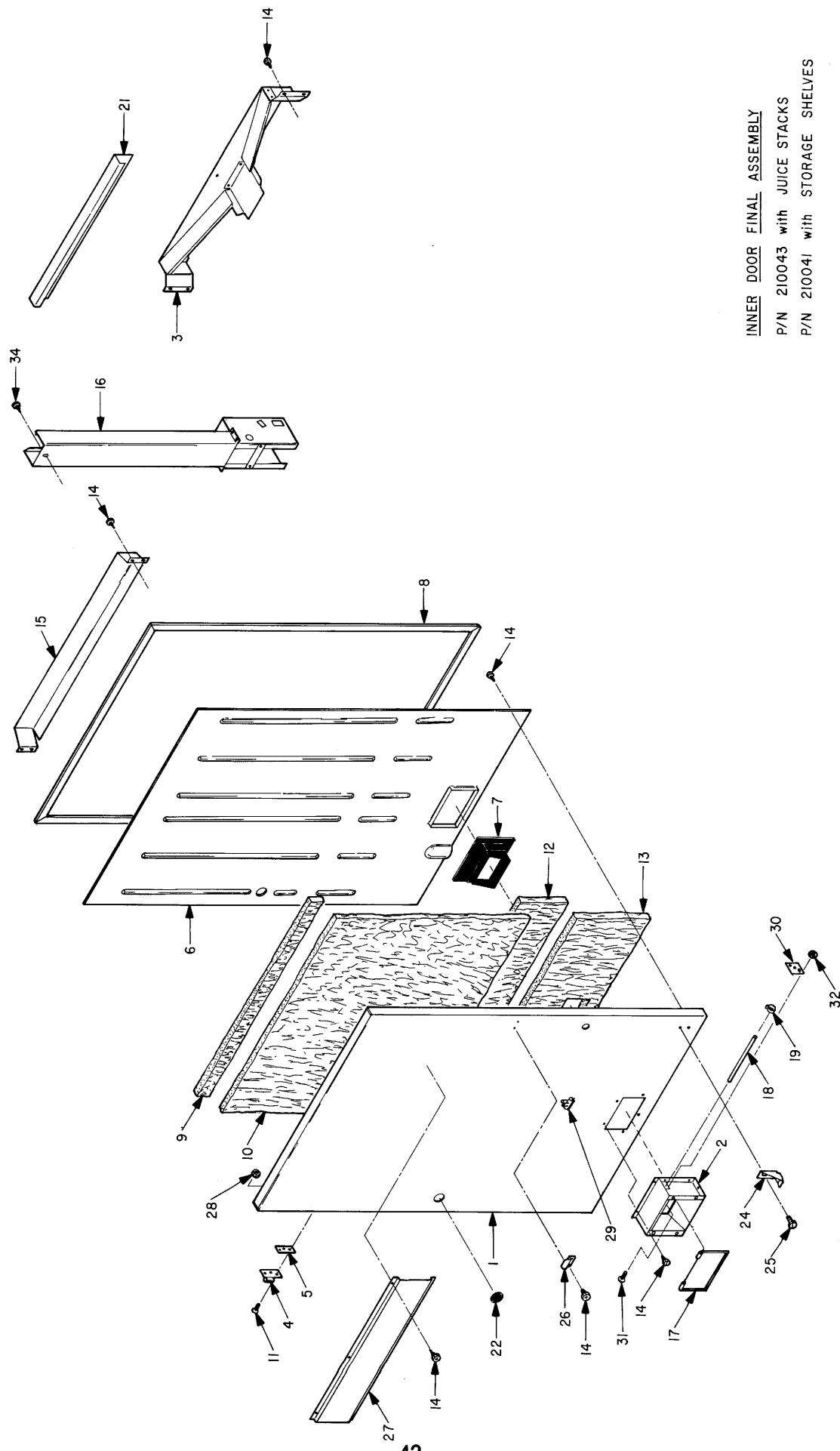
CAN RACK ASSEMBLY  
P/N 210042

## COMPLETE CAN RACK ASSEMBLY

Item	Part No.	No. Req'd.	Description
1	210042	1	Complete Can Rack Assembly
1	620071-001	1	Left End Panel
2	620071-000	7	Right End Panel
3	620069	1	Front Tie Strip
4	620070	1	Plate Ejector, Col.
5	620068	2	Tie Strip & Can Guide
6	33-1977-000	7	Shelf, Upper
7	33-1975-000	7	Top Loop Can Rack
8	33-1974-000	49	Center Loop Can Rack
9	33-1976-000	7	Bottom Loop Can Rack
10	4314	7	Bottom Extension - Can Rack
11	8892	7	Guard Can
12	33-1998-000	7	Shelf Sold Out
13	620197-001	2	Tube Rack Support
14	33-1999-000	56	Retainer Strip

Item	Part No.	No. Req'd.	Description
15	620202	1	Ejector Mechanism Angle Bracket
16	33-2473-000	4	.125 dia. Tie Rod
17	33-2474-000	26	.156 dia. Tie Rod
18	210094	7	Complete Ejector Mechanism Assembly
19	33-1812-000	7	Shield Solenoid
20	210038	1	Ejector Bar Assembly (Not Shown)
21	50202	16	#8 18x1/2 Phil./Hex Washer Hd. Tek
22	20-0470-002	14	#8 - 32x1/4 Phil. Rd. Hd. S.E.M.S.
23	33-2477-000	4	.125 dia. Push-On Nut
24	33-2476-000	26	.156 dia. Push-On Nut
25	50667	36	Pop Rivet

## INNER DOOR FINAL ASSEMBLY

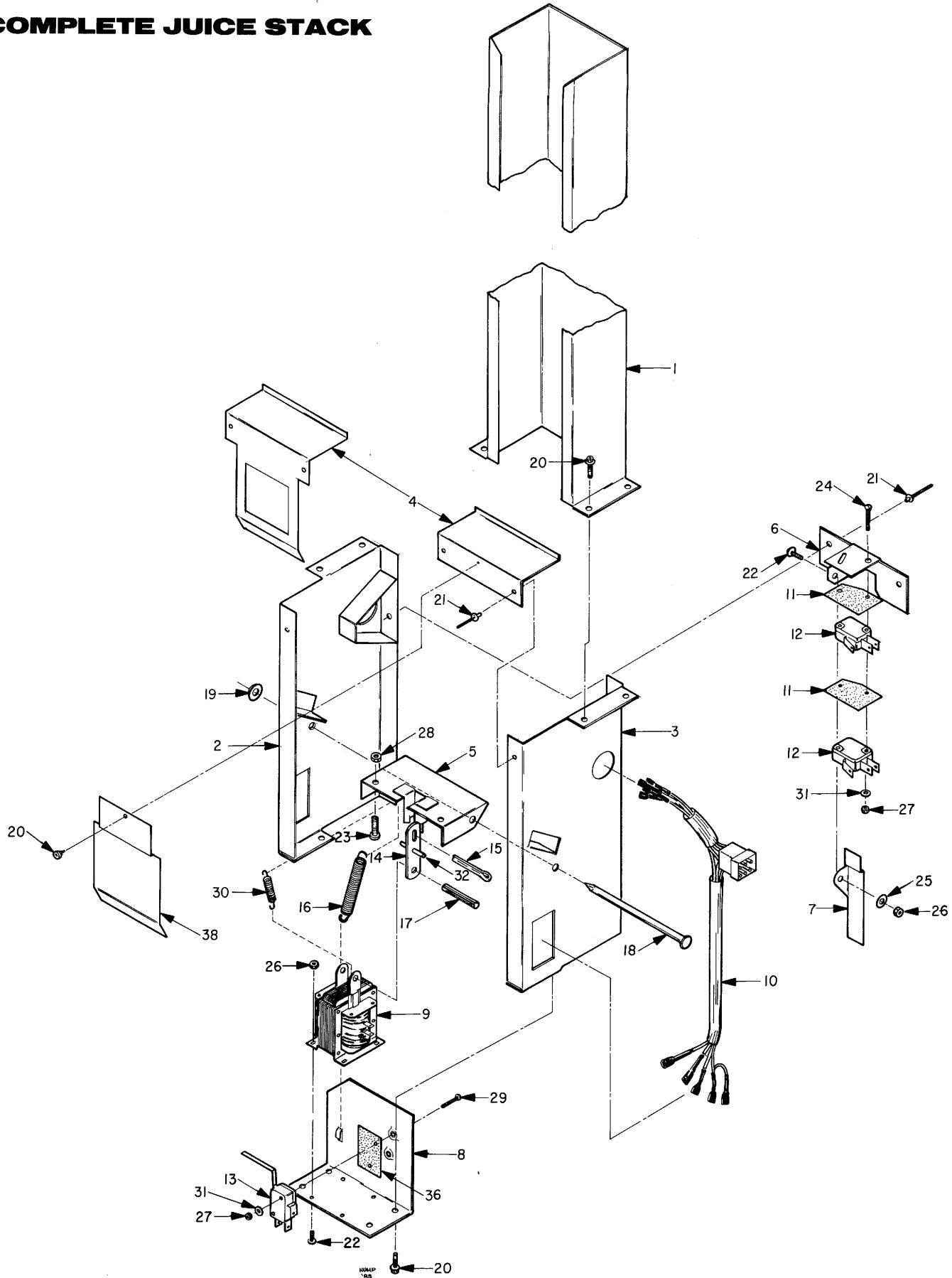


## INNER DOOR FINAL ASSEMBLY

Item	Part No.	CD7	CD7/5	Description
1	210041	1		Inner Door Final Assembly
1	210043	1	1	Inner Door Final Assembly
1	210059	1	1	Inner Door Weld Assembly
2	60-00008-000	1	1	Outer Door Chute Assembly
2	25-0031-000	2	2	Bezel Support - Sides
2	25-0032-000	1	1	Bezel Support - Top
2	25-0033-000	1	1	Chute, Outer Door
3	210053	1	1	Can Chute Assembly
4	620140	3	3	Butt Hinge Female - Right Hand
5	25-0059-000	3	3	Inner Door Hinge Spacer
6	620109	1	1	Inner Door Liner
7	25647	1	1	Delivery Chute
8	620054	1	1	Door Gasket
9	620103	1	1	Inner Door Insulation - Top
10	620104	1	1	Inner Door Insulation - Middle
11	50326	9	9	#10 - 32x1/2 Phil. Flat Hd. M.S.
12	620105	1	1	Inner Door Insulation - Lower
13	620106	1	1	Inner Door Insulation - Bottom
14	50202	58	40	#8 - 18x1/2 Phil./Hex Washer H.D. Tek
15	620064	4		Storage Shelf
16	102403		5	Complete Juice Stack Assembly
17	33-4428-000		1	Vend Port Door
18	20-0650-004		1	Hinge Pin 8"
19	09-1078-000		4	Tubular Speed Nut (Tinnerman)
21	620116		1	Wire Cover

Item	Part No.	CD7	CD7/5	Description
22	25-0135-004	2		BP 1 1/2 Hole Plug (No Holes)
	25682-001			BP 1 1/2 Hole Plug (With Holes)
24	341865	1	1	Support - Door
25	V800838	2	2	1/4 - 20 Hex Hd. Tapping Screw
26	620107	1	1	Door Strike
27	620185	1	1	Display Back
28	50496	9	9	#10 - 32 Unitorque Lock Nut
29	60118	1	1	Bull Dog Clip
30	3745	2	2	Delivery Door Bracket
31	18-8598-000	4	4	#10 - 32x3/8 Carriage Bolt
32	50546	4	4	#10 - 32 Twin Whiz
33	34205	1	1	Juice Stack Door Harness (Not Shown)
34	50431	15		#10 x 5/8 Phil. Pan Hd. Type "A"

# COMPLETE JUICE STACK



COMPLETE JUICE STACK

P/N - I02403

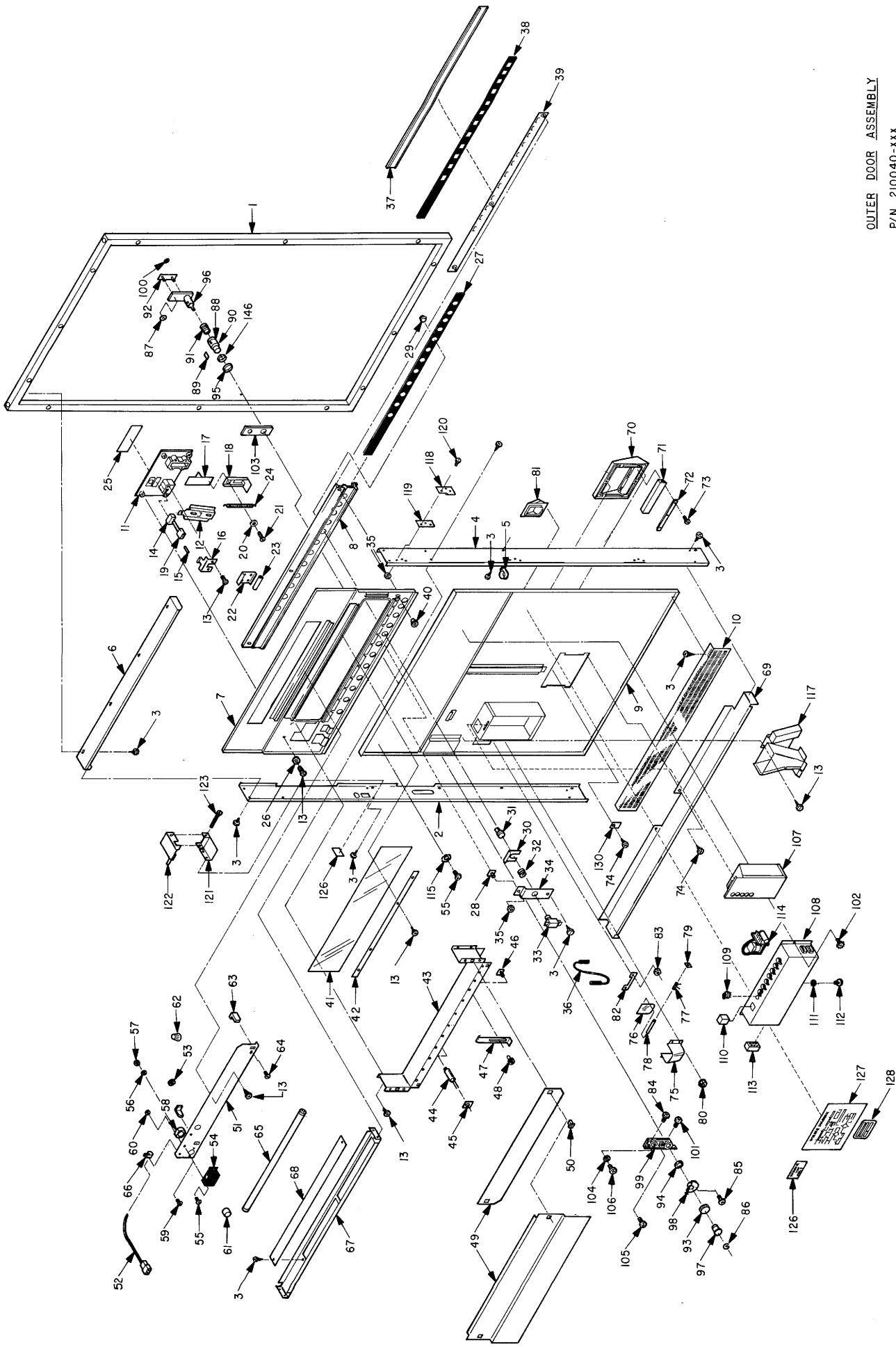
P/N - I02363

# COMPLETE JUICE STACK ASSEMBLY

Item	Part No.	No. Req'd.	Description
1	102403	5	Complete Juice Stack Assembly
1	8873	1	Stack Channel - Juice Stack
2	102371	1	Right Side Panel Weld Assembly
3	102372	1	Left Side Panel Weld Assembly
4	3714	1	Top Tie-In Bracket
5	102374	1	Drop Plate Weld Assembly
6	4321	1	Sold Out Switch Mtg. Bracket
7	3716	1	Sold Out Switch Activator
8	4824	1	Full Stroke Switch Mtg. Bracket
9	09-1050-300	1	Solenoid
10	34206	1	Juice Stack Harness
11	3155	1	Switch Insulator
12	34114	1	Helix Motor Cycle Switch
13	34202	1	Full Stroke Switch
14	4316	1	Vend Bracket
15	50650	1	1/8x1" Cotter Pin
16	21005	1	Cup Drop Spring
17	50728	1	3/16x1/8 Roll Pin
18	50653	1	Retainer Rod - Juice Stack
19	50475	1	Tinnerman Push-On C6250-022 (either/or)
	50637	1	Tinnerman Push-On C10757-020

Item	Part No.	No. Req'd.	Description
20	50202	9	#8 - 18x1/2" Phil. /Hex Washer Hd. Tek
21	50692	4	#SD-54-BS Pop Rivet 5/32 dia.
22	50234	4	#8 - 32x3/8" Phil. Truss Hd. M.S.
23	50262	2	#8 - 32x3/4" Phil. Pan Hd. M.S.
24	50014	2	#4 - 40x1-1/8" Phil. Rd. Hd. M.S.
25	30100	1	Stack Spacer Bushing
26	50494	4	#8 - 32 Unitorque Lock Nut
27	50517	4	#4 - 40 Hex Nut
28	50513	2	#8 - 32 Twin Whiz Lock Nut
29	50013	2	#4 - 40x5/8" Phil. Rd. Hd. M.S.
30	21020	1	Spring
31	50578	4	#4 Internal Shakeproof Lockwasher
32	50725	1	Roll Pin
33	102363	1	Complete Vend Mechanism Assembly
			(Not Shown)
			Complete Sold Out Switch Bracket Assembly
			(Not Shown)
			Complete Full Stroke Switch Assembly
			(Not Shown)
			Switch Insulator
			Drop Plate Screw Assembly (Not Shown)
			Anti-Lock-Up Bracket

# OUTER DOOR FINAL ASSEMBLY



OUTER DOOR ASSEMBLY  
P/N 210040-XXX  
P/N 210069-XXX

## OUTER DOOR FINAL ASSEMBLY

Item	Part No.	CD7	CD7/5	Description
1	210040-XXX 210069-XXX	1	1	Outer Door Final Assembly Outer Door Final Assembly
2	210036	1	1	Door Frame Weld Assembly
3	620084	1	1	Door Frame Extension - Right
4	50202	80	80	#8 - 18x1/2" Phil./Hex Washer Hd. Tek
5	620085	1	1	Door Frame Extension - Left
6	60134	2	2	Plastic Wire Clamp
7	620083	1	1	Door Frame Extension - Top
8	210051	1	1	Upper Door Panel Weld Assembly
9	210068	1	1	Upper Door Panel Weld Assembly
10	210052	1	1	Upper Door Panel Weld Assembly
11	620053	1	1	Trim - Push Button
12	620124	1	1	Lower Panel Weld Assembly
13	620059	1	1	Grill - Lower Door
14	379595	1	1	Casting - Coin Insert
15	129142	1	1	Coin Chute Weld Assembly
16	V800829	35	35	#10 - 16x3/8" Phil. Pan Hd. w/Ext. Lock Washer Type "B"
17	379686-1	1	1	Lamp
18	320196	2	2	Terminal - Male
19	379544	1	1	Retainer, Lamp
20	379531	1	1	Handle, Coin Return
21	379585	1	1	Angle, Coin Return
22	345005	1	1	Plug - 2 Terminal
23	379546	2	2	Shoulder Bushing
24	V801294	1	2	#10 - 24x5/8" Phil. Truss Hd. w/Ext. Lock Washer Type "1"
25	379568	1	1	Retainer, Handle
26	379653	1	1	Stop, Rubber
27	379539	1	1	Spring - Extension
28	379569	1	1	Plate Instructions
29	337241	4	4	Cup Washer
30	620072	1	1	Strip - Push Button
31	620127	1	1	Strip - Push Button
32	V328761	7	12	#10 - 32x13/32" T-Bolt

Item	Part No.	CD7	CD7/5	Description
29	379573	7	12	Guide - Button
30	379548	7	12	Retainer - Push Button
31	379572	7	12	Push Button
32	379543	7	12	Spring - Push Button
33	323007	7	12	Switch - Push Button
34	379557	7	12	Switch - Bracket
35	50546	16	21	#10 - 32 Twin Whiz
36	620133	6	11	Selector Jumper Wire
37	379553-2	1	1	Clear Plastic Cover
38	620148	1	1	Flavor Strip
39	620149	1	1	Flavor Strip
40	327450	3	3	Back Up Plate Weld Assembly
41	329143-3	1	1	Back Up Plate Weld Assembly
42	329143-4	1	1	Back Up Plate Weld Assembly
43	620076	1	1	#10 - 32 Thumb Nut
44	379561	1	1	Sign - Display
45	620108	1	1	Sign - Display
46	379570	1	1	Retainer Glass
47	327450	3	3	Display Box
48	620125	1	1	Glo-Lite (Empty Lite)
49	379653	7	12	Tinnerman Push-On 3B-1069
50	327386-1	7	12	#10 - 32x3/8" T-Bolt
51	620181-001	1	1	Clip - Can
52	620080	1	1	#10 - 32 Thumb Nut
53	620123	1	1	Wire Cover
54	379407-1	2	2	Display Back
55	379530	1	1	Display Back
56	620003	1	1	Latch
57	33654	1	1	Lamp Mounting Angle
58	33609	1	1	Display Lamp Harness
59	50240	6	6	Rubber Grommet - #2281x3/8"
60	50585	3	3	Ballast
61	50513	3	3	#8 - 32x3/8" Phil. Pan Hd. M.S.
62	321344	1	1	#8 Lockwasher
63				#8 - 32 Twin Whiz Nut
64				Starter Socket

## OUTER DOOR FINAL ASSEMBLY

**(Cont'd)**

Item	Part No.	CD 7	CD 7/5	Description
59	50015	2	2	#4 - 40x <sup>3/4</sup> Slotted Rd. Hd. M.S.
60	50517	2	2	#4 - 40 Hex Nut
61	33567	1	1	Starter
62	33693	2	2	Closed End Splice
63	33548	2	2	Lamp Holders
64	50122	2	2	#6 - 32x3/8 Phil. Pan Hd. M.S.
65	362982	1	4	Lamp - Fluorescent
66	60116	1	1	Wire Clamp - 3/8
67	620113	1	1	Display Brace
68	620110	1	1	Light Diffuser
69	620097	1	1	Center Door Brace
70	33-2285-000	1	1	Trim Can Chute
71	33-4456-000	1	1	Bumper Can
72	33-2462-000	1	1	Retainer - Support Can Chute Bumper
73	33-0289-000	3	3	#6 - 32x1/4 Phil. Pan Hd. Taplite
74	50212	5	5	#8 - 32x1/4 Phil. Pan Hd. Type "23" Selfrap
75	349894	1	1	Casting - Coin Cup
76	3498892-2	1	1	Coin Cup Door
77	350338	1	1	Spring
78	346087-1	1	1	Pin
19	V337564	1	1	Speed Nut Tinnerman C637-010-4
80	V800956	4	1	#8 - 32 Hex Nut with Ext. Lockwasher
81	379619	1	1	Coin Cup - Trim
82	379043	1	1	Retainer - Coin Cup
83	322904	2	2	Nut
84	V801313	2	2	#10 - 16x11/16 Phil. Pan Hd. with Ext. Lock Washer
85	V800824	1	1	#8-32x5/8 Phil. Truss Hd. Type "23"
86	V801080	1	1	Retaining Ring - Type "E"
87	V801339	2	2	Push Nut - Type "2" Washer
88	366499	1	1	Spacer - Drive
89	374805	2	2	210082

Item	Part No.	CD 7	CD 7/5	Description
90	374806	1	1	Operating Tube
91	365664	1	1	Spring
92	365665	1	1	Trim - Lock Handle
93	365777	1	1	Lock Nut
94	366501	1	1	Washer
95	369076	1	1	Gearing, Cam
96	375351	1	1	Handle, Latch
97	375353	1	1	Bushing, Nylon
98	384285	1	1	Cam Lock
99	365668	1	1	Housing, Latch
100	375352	1	1	Spacer, Lock
101	V342624-3	1	1	#10 - 16x3/4 Phil. Pan Hd. Tek
102	V801204	4	4	#10 - 16x3/8 Phil. Truss Hd. Type B with Ext. Lock Washer
			2	#8 - 18x5/16 Phil. Pan Hd. with Ext. Lock Washer
			2	#8 Plain Washer
			1	Trim - Latch
			1	1/4 - 20x1/2 Phil. Truss Hd. Type 23
			1	# - 32x3/8 Phil. Truss Hd. Type 23
			1	Coin Box Weld Assembly
			1	Complete Control Box Assembly
			1	Complete Control Box Assembly
			8	Rotary Switch
			2	Relay
			1	#6 Ext. Shakeproof Lockwasher
			3	#6 - 32x1/4 Phil. Pan Hd. M.S.
			1	Coin Mech Plug
			1	Time Delay Relay
			3	Lockwasher
			1	Complete Display Back Assembly
			1	(Not Shown)
			1	Complete Display Back Assembly
				(Not Shown)

**(cont'd)**

## **OUTER DOOR FINAL ASSEMBLY**

Item	Part No.	CD7	CD7/5	Description	Item	Part No.	CD7	CD7/5	Description
117	129308	1	1	Coin Chute Weld Assembly	135	210067	1	1	Lock Housing & Door Latch Assembly (Not Shown)
118	620139	3	3	Butt Hinge Male - Right Hand	136	210081	1	1	Display Box Assembly (Not Shown)
119	25-0059-000	3	3	Inner Door Hinge Spacer	137	210074	1	1	Display Box Assembly (Not Shown)
120	50326	9	9	#10 - 32x1/2" Phil. Flat Hd. M.S.	138	382998	1	1	Clip - Latch Retainer (Not Shown)
121	210050	1	1	Latch Mounting Bracket Weld Assembly	139	383101	1	1	Tag - Latch Retainer (Not Shown)
122	210063	1	1	Door Latch Weld Assembly	139	620128	1	1	Control Box (Not Shown)
123	25-0187-000	1	1	Cotter Pin	140	620136	1	1	Control Box (Not Shown)
124	379643-1	1	1	Product Identification Strip - Cold Drink	140	620136	1	1	7-Column Control Box Harness (Not Shown)
125	373537	1	1	Label - Indoor Use	141	33901	1	1	12-Column Control Box Harness (Not Shown)
126	25-0202-000	1	1	Label - Inner Door Latch	142	50667	2	1	Slide Switch (Not Shown)
127	620152	1	1	Wiring Diagram	143	4301	1	1	Pop Rivet (Not Shown)
128	326915	1	1	Wiring Diagram	144	20716	1	1	High-Low Switch Stop (Not Shown)
129	128730-1	1	1	Label - Code	145	127162	1	1	Label, Four-Single Price (Not Shown)
130	33-2465-000	3	3	Coin Insert Installation (Not Shown)	146	620195	1	1	Operating Tube Assembly (Not Shown)
131	210013	1	1	Angle Attaching	147	620134	1	1	Lock Cam Spacer
132	33-5006-000	1	1	Lamp Assembly (Not Shown)	148	129164	1	1	Juice Control Box Harness (Not Shown)
133	127160-16	1	1	Trim Can Chute Assembly (Not Shown)					Door Latch Assembly (Not Shown)
134	127161-3	1	1	Door Latch Assembly (Not Shown)					Lamp Assembly (Not Shown)

