

SNACKSHOP Model 7000
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instruction manual for

SNACKSHOP Model 7000

AUTOMATIC

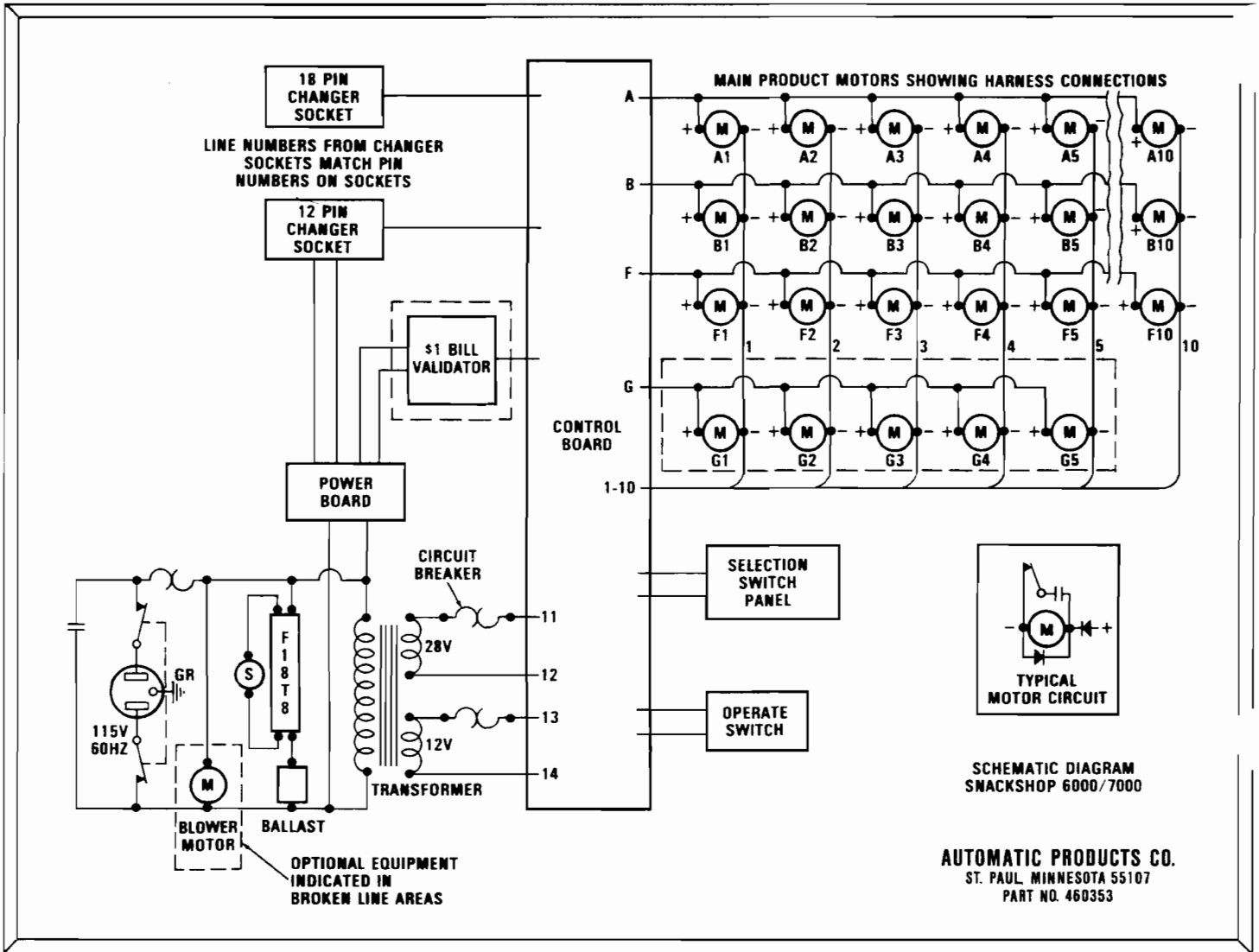


PRODUCTS

international, ltd.

75 WEST PLATO BOULEVARD • ST. PAUL, MINNESOTA 55107-2095

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WARRANTY

The Automatic Products Company warrants this vendor, manufactured by it, to be free from defects in material or workmanship under normal use. Our obligation under this warranty is to the original purchaser only and is limited to making good at our factory any part or parts thereof which shall, within two (2) years after delivery of such product to the original purchaser, be returned to us or to our authorized dealer or distributor from whom purchased with all transportation charges prepaid to our factory, and which our examination shall disclose to our satisfaction to have been defective.

This warranty does not extend: 1: To any of our products which have been subjected to misuse, neglect, accident, incorrect wiring, improper installation, or to use in violation of instructions furnished by us; 2: To units which have been repaired or altered outside of our factory; 3: To cases where the serial number of the product has been removed, defaced or changed; 4: To electrical components, lamps, tubes or circuit breakers; 5: To accessories not of our own manufacture used with our products. Any part manufactured by Automatic Products Company, found by us to be defective within the warranty period will be exchanged by Automatic Products Company or their

authorized dealer or distributor without charge to the owner.

This warranty applies only to our products which are used within the United States of America, and is in lieu of all warranties expressed or implied, including, but not limited to implied warranties of merchantability or fitness for a particular purpose, and no representative or person is authorized to assume for us any other liability in connection with the sale of our products.

The Automatic Products Company reserves the right to make any changes or improvements in its products without notice and without obligation, and without being required to make corresponding changes or improvements in products theretofore manufactured or sold.

AUTOMATIC PRODUCTS COMPANY
75 West Plato Boulevard
St. Paul, Minnesota 55107

Snackshop 7000 has been designed from superior engineering and with quality throughout. It has been built of rugged construction for many years of reliable trouble-free operation. Note: (For Indoor use only)

To achieve the most economical trouble-free operation from your Snackshop 7000, it is recommended that this service manual be thoroughly read and instructions followed pertaining to all loading and servicing, etc., of the vendor.

Should you have questions pertaining to this manual or the vendor, please contact your local Automatic Products Company distributor or write directly to:

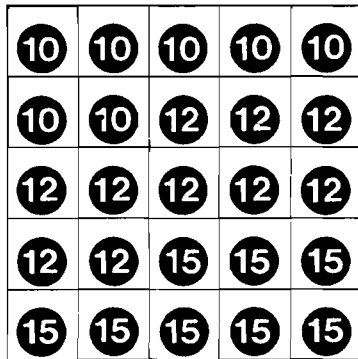
Service Manager
Automatic Products Company
75 West Plato Boulevard
St. Paul, Minnesota 55107

SPECIFICATIONS

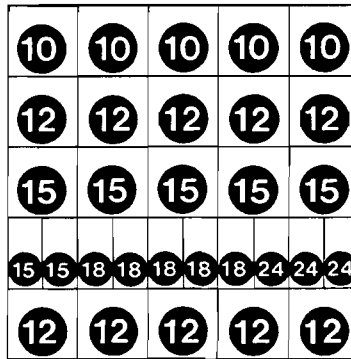
HEIGHT – 72" WIDTH – 38-7/8" DEPTH – 35"
FLOOR SPACE REQUIRED – 9.5 SQ. FT.
SHIPPING CONTAINER SIZE – 72.5 CU. FT.
POWER REQUIREMENTS – 115 V., 60 HZ.
STANDBY AMPERES – .7 OPERATING AMPERES – 3

capacities

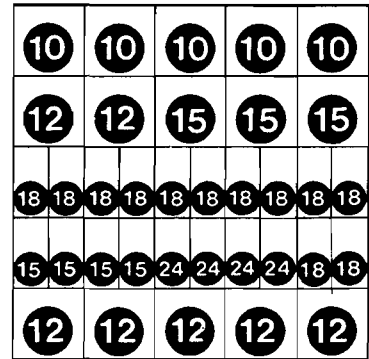
Unless otherwise specified machine will be shipped with spiral assortment shown below.
 Figures in circles represent capacities in each spiral.



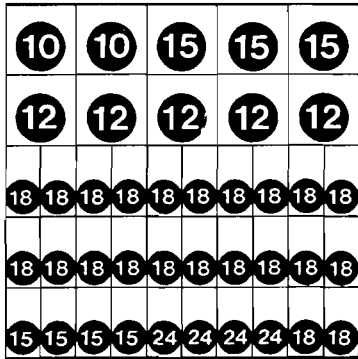
MODEL 7525
 Capacity as shown: 310 Units



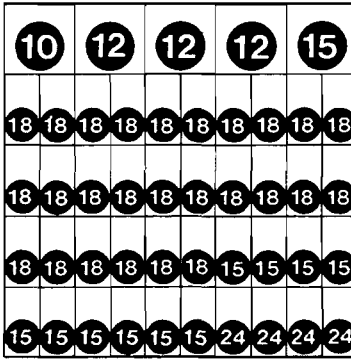
MODEL 7530
 Capacity as shown: 437 units



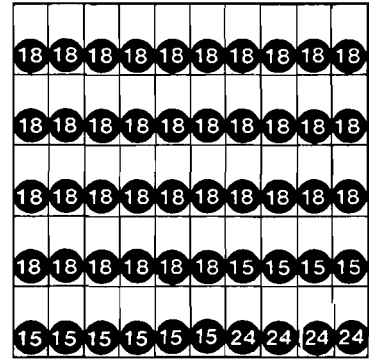
MODEL 7535
 Capacity as shown: 551 Units



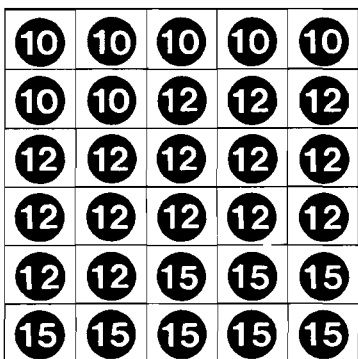
MODEL 7540
 Capacity as shown: 677 Units



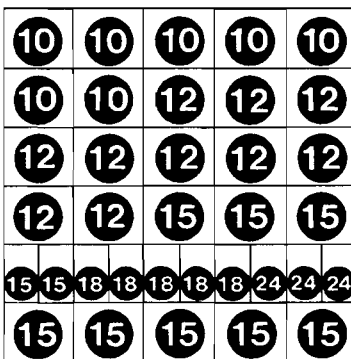
MODEL 7545
 Capacity as shown: 775 Units



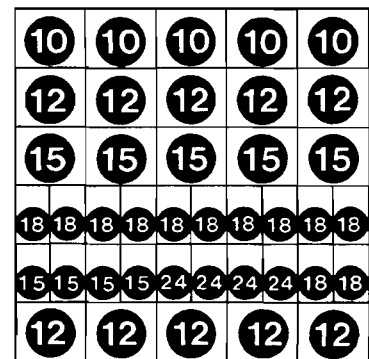
MODEL 7550
 Capacity as shown: 894 Units



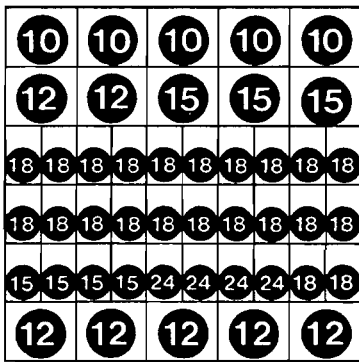
MODEL 7630
 Capacity as shown: 370 Units



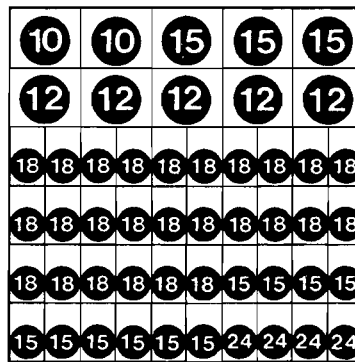
MODEL 7635
 Capacity as shown: 502 Units



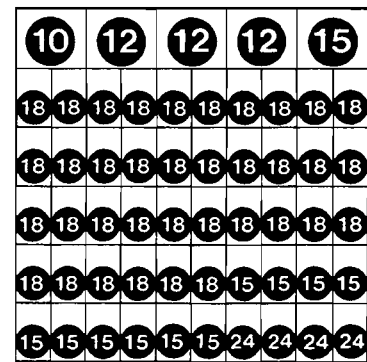
MODEL 7640
 Capacity as shown: 617 Units



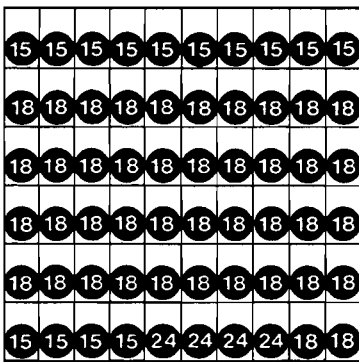
MODEL 7645
Capacity as shown: 731 Units



MODEL 7650
Capacity as shown: 839 Units



MODEL 7655
Capacity as shown: 955 Units



MODEL 7660
Capacity as shown: 1062 Units

PRODUCT SIZE CAPABILITY

SHELVES	HEIGHT	WIDTH of Snack Shelves Only	WIDTH of Candy Shelves Only	DEPTH OF Snack Spirals Only Choice:	DEPTH OF Candy Spirals Only Choice:
Top	7-3/4"	2½" to 5¼"	1" to 2¼"		12 – Item Spiral 1-7/8"
Second	7-1/4"	2½" to 5¼"	1" to 2¼"	7 – Item Spiral 2-1/2"	15 – Item Spiral 1-5/16"
Third	6-5/8"	2½" to 5¼"	1" to 2¼"	10 – Item Spiral 2-1/16"	18 – Item Spiral 1-1/16"
Fourth	7-1/4"	2½" to 5¼"	1" to 2¼"	12 – Item Spiral 1-11/16"	24 – Item Spiral 3/4"
Fifth	6-3/4"	2½" to 5¼"	1" to 2¼"	15 – Item Spiral 1-5/16"	30 – Item Spiral 1/2"
Sixth	6-1/4"	2½" to 5¼"	1" to 2¼"		

Ten selection shelves for candy and other narrow items fit on all six positions.

Spiral of one item capacity can be freely interchanged with any other of the same diameter.

Boxed items may need slightly larger clearances to vend properly.

Movable spacers available to adjust widths to ranges shown in each selection.

Gum-and-Mint Capacity. It is difficult to determine the true capacity due to variations of product size. The average capacity for the Gum-and-Mint Shelf is 170 items.

unpacking

The Snackshop 7000 is assembled and packed so that a minimum amount of time is necessary for preparation to install it on location. The following steps are recommended to insure correct unpacking.

1. **Shipping Damage:** Thoroughly inspect the exterior of the carton for damage which may have occurred during shipment. Report any damage to delivering carrier and follow their instructions.
2. Remove staples from lower edge and those at top of carton, and slit carton vertically at the taped corner. Open and remove carton. Remove the remainder of the packing material. On machines shipped with lock in place, the keys are stapled to the carton base.
3. **Remove Vendor With A Fork Lift Truck:** Remove the carton from the vendor. Open the door on the vendor and remove the hold down bracket at the front center of the cabinet base and close the vendor door. From the front of the vendor tip the vendor backward and run forks under the cabinet.
4. **Removing Vendor Without A Fork Lift Truck:** Remove the carton from the vendor. Remove ¼" piece of plywood

located just behind the front legs, then open the door on the vendor and remove the hold down bracket at the front center of the cabinet base and close vendor door. From the front of the vendor tip the vendor back far enough to clear the wood strip across the front of the base. Slide vendor toward the back until the back legs are off the base and pull base out.

NOTE: Because the weight concentration is toward the back of the cabinet, trucking and lifting should be done from the back. CAUTION should be taken when trucking from side.

5. On machines with lock in place, unlock, and turn handle to open door. When no lock is furnished, remove tape and turn handle. Swing door to its full open position.
6. Remove all packing tape and paper from various areas of machine and the shipping strap.
7. **Warranty: The warranty card is attached to the cover of this manual. It must be filled out in full and mailed at once to insure coverage.**
8. **IMPORTANT: A set of anchoring brackets are sent with each machine. The kit is located in the bottom of the machine complete with instructions. It is recommended that this kit be installed to prevent shifting of the machine.**

installation

1. **GENERAL:** In some locations, due to the size of this machine it is not possible to move the fully assembled machine through doors or narrow hallways. For such locations the door of this vendor can be removed, thus reducing the clearance required down to 32 inches. For narrower doors the sliding panel can be pushed back inside the cabinet by removing the control stop (Item #23 Page 24).

DOOR REMOVAL: To remove the door, swing door to 90 degrees. Remove bolt and washer on door end of door stop. Disconnect light harness. The upper hinge is secured to the cabinet by one bolt extending through the hinge from the inside of the cabinet. Use a 1/2 socket to remove. Pull the door forward, the upper hinge will slide out of the top guide, freeing the door. Lift the door up and out of the lower hinge. Remove left side panel extension which is held by four screws. Remove the cabinet to door filler assembly which is held in by twelve screws. To install the door, reverse the above procedure.

2. **LEVELING THE MACHINE** on location is important for the proper function of the machine. The four leveling screws in the legs are the means of leveling the machine. After positioning the machine, level machine in front to rear and right to left directions. After leveling, turn front right (lock side) leveling screw in about one-half turn to drop this corner slightly to make the door easier to close and lock.
3. **THE MAIN POWER CORD** is shipped fully inside the machine. Extend it through the hole located in the base on the left (hinge side) of the machine behind the transformer. Install the plate with key hole slots over the two screws in the base by the cord hole and drive screws tight to hold cord in place. Plug the 3 pin grounded plug into a properly grounded 115V 60 HZ outlet only.

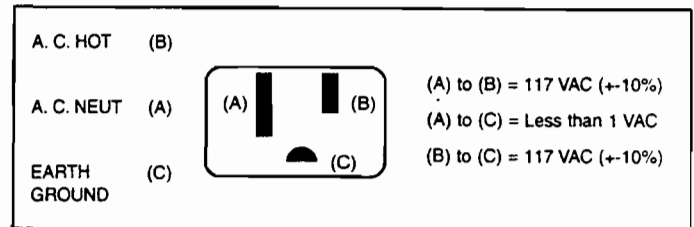
In order to comply with electrical safety regulations and Underwriters Laboratories requirements, all electrical

equipment must be properly polarized and grounded. The Snackshop 7000 is wired so that it is properly polarized in accordance with the electrical code. If the wall outlet is wired and grounded properly, then the vendor will connect properly.

Shown in View A & B are two properly grounded and polarized wall outlets. One is a three wire grounding type wall outlet (see View A) and one is a two wire wall outlet (see View B) with an adapter in place. To make a polarity check use a 115 volt neon test lamp as shown or a volt ohm meter. The hot side of the circuit should always be counterclockwise from the ground terminal (which should be at the bottom).

Should the polarity at the wall outlet show any way other than that shown below, the outlet should be rewired.

Using a voltmeter, perform the following checks from the illustration below.



NOTE: Should the readings be different from above, have a certified electrician correct the problem.

4. **LOADING SNACK SHELVES:** Open door to full open position, push down on white plastic lock lever (Figure 1) on right side panel by shelf to unlock shelf, holding lever down. Grasp the shelf slightly and pull forward until shelf reaches its stop. The shelves tilt down (do not drop) to make loading easier. **Only one product shelf should be in the loading position at a time.** When returning a shelf, be sure the shelf is in its full home or vend position. Begin loading with the top shelf. Move it to the loading position. The height spacing for items is greatest in this shelf and the tallest bagged items should be placed there. Soft items, such as pastry, pies, etc., should be placed in the lowest snack shelf, making the drop distance as short as possible.

IMPORTANT: Product must not be forced into the spiral spaces but should fit freely. If the product is too tight, use a larger pitch spiral. The bottom of the product should be placed on top of the spiral wire that rests on the shelf surface (see Figure 2). The width of the product must be greater than the diameter of the snack spiral. If it is smaller, the product may fall through when it is in the front, ready to vend position.

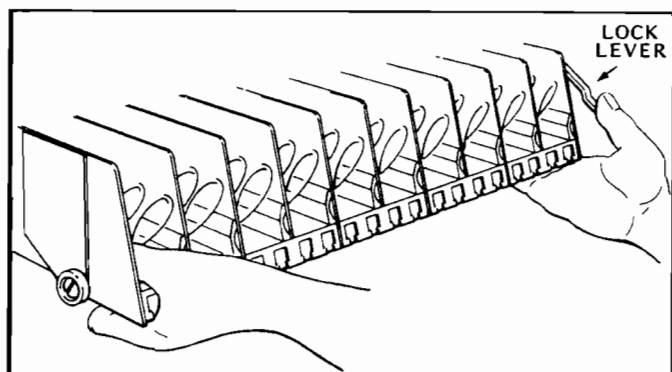


Figure 1. MOVING SHELF TO LOADING POSITION.

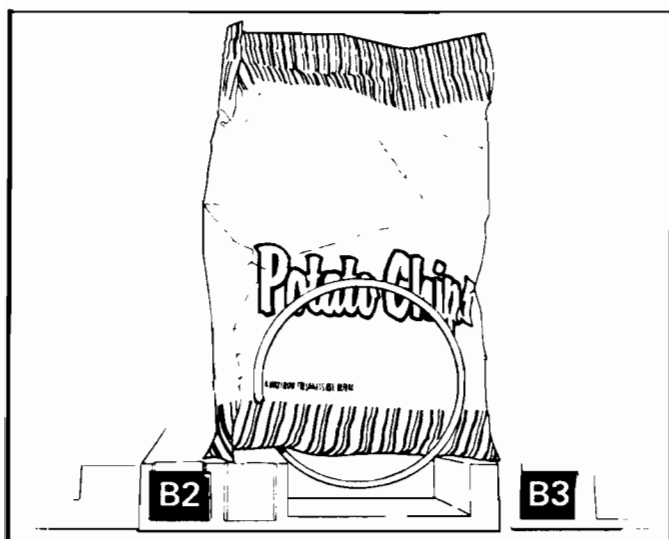


Figure 2. PLACEMENT OF PRODUCT ON MAIN PRODUCT SNACK SHELVES AND FRONT END POSITION OF SPIRAL.

5. **REMOVAL OF SPIRAL:** Grasp the front of the spiral and turn it clockwise. Lift the spiral up and off of the spiral lock. When replacing a spiral attach it around the tab on the spiral lock and turn the spiral counterclockwise to lock it in place. Be sure the front end of the spiral is positioned properly (with the front end of the spiral pointing downward on the left side) (see Figure 3). The spiral lock is attached between the spiral retainer tabs. Give a light forward pull on front of the spiral to check if it is locked in place.

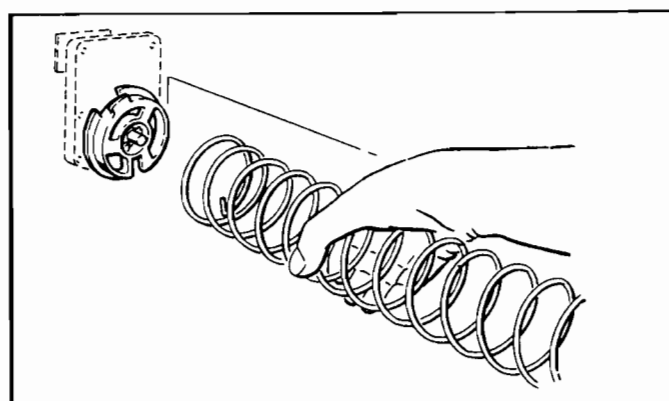


Figure 3. REMOVING AND INSTALLING SPIRAL.

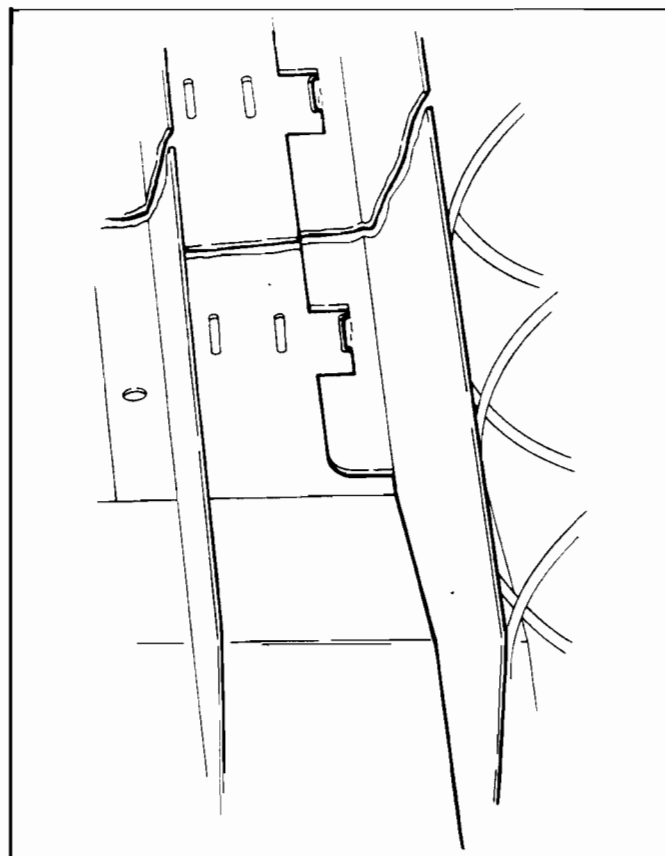


Figure 4. ALIGNMENT OF MOVEABLE PRODUCT SPACERS.

installation

6. **PRODUCT SPACERS—5 SELECTION SHELF:** A product spacer is used to reduce the width of the product area and should be used on any 5-selection snack shelf where the product width is $4\frac{1}{2}$ " or less. Spacers should fit within $\frac{1}{8}$ " of the product but should not fit tight against the product. There are three positions in each snack space where these spacers can be placed. To install the spacer, align the lock ears (on the lower edge of the spacer) with one of the three sets of slots (one front and one rear). (See Figure 4). Push the spacer to the rear to allow the ears to enter the slots, then allow the spacer to move forward. Be sure the ears are in the same set of slots, front and rear. (See Figure 4). Continue loading all spirals adjust with spacers where needed in the top shelf. Return the top shelf to the vend position and following this procedure load the remainder of the large spiral shelves. The shelf divider separating the right (lock side) column from the next column is movable to allow vending of products wider than $5\frac{1}{2}$ " in the second column. If this is used the right column must be used to vend a narrower product.
7. **LOADING MAIN PRODUCT CANDY SHELVES:** The 10-selection (candy type) shelves are loaded similar to the 5-selection shelves except that the bottom of the product sits on the shelf in front of the spiral wire (see Figure 5) that rests on the shelf. These products must also fit properly in the spiral space; do not force product into spiral.

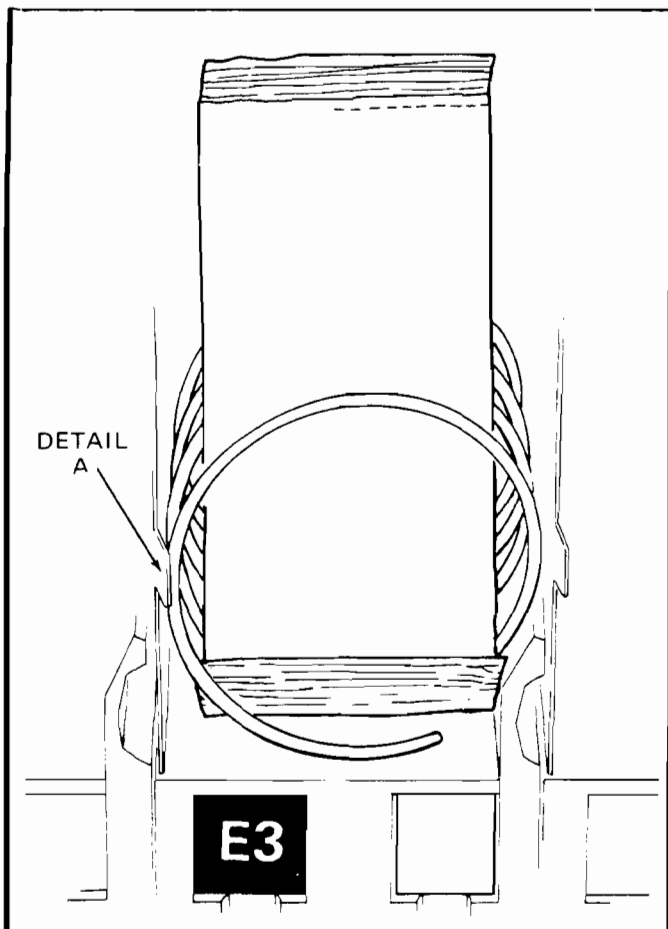


Figure 5. **PLACEMENT OF PRODUCT ON MAIN PRODUCT CANDY SHELVES AND FRONT END POSITION OF SPIRAL.**

These spirals are removed and installed the same as the large spiral (see Figure 3), except that the front end position is different (approximately 5 o'clock) (see Figure 5) and the front left side of the spiral must be behind the small tab located on the left side of the product space side wall (see Figure 5, Detail A).

8. **PRODUCT SPACERS—10 SELECTION SHELF:** The 10-selection shelves are equipped with a product spacer (see Figure 6) that can be pivoted from the right side of each product space. These spacers should be pivoted out to hold the product upright, but not tight against the product. Leave about $\frac{1}{8}$ " clearance between the spacer and the product.

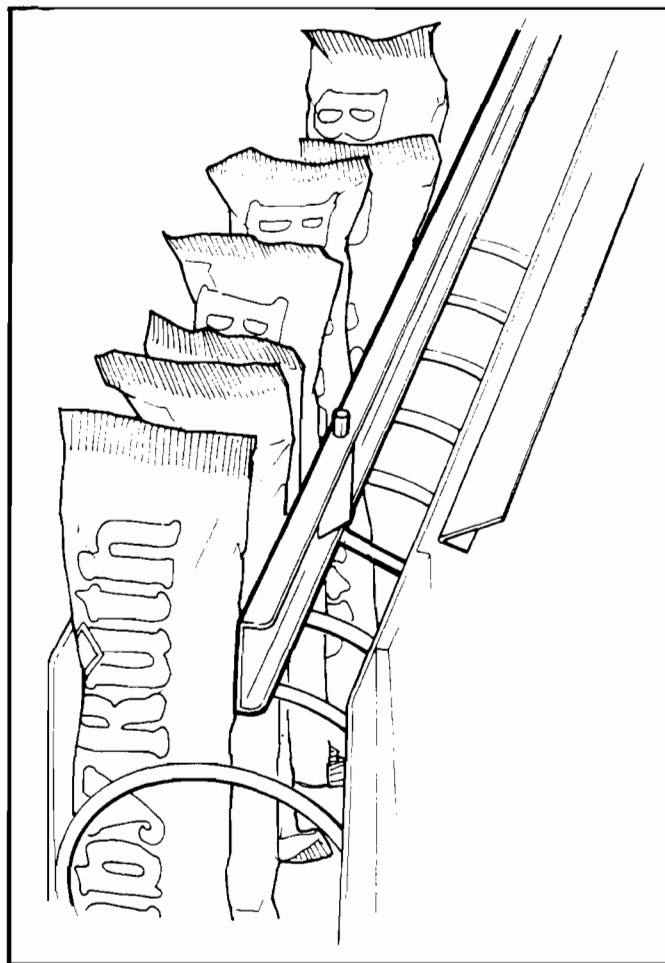


Figure 6. **10 SELECTION SHELF PRODUCT SPACER POSITIONED TO HOLD CANDY UPRIGHT.**

9. **PRODUCT PUSHER:** The machine contains enough pushers for you to install a pusher on each candy spiral. This plastic part is designed to push the top of the product forward while it is vending, helping it fall from the shelf. It can also be used with products that have the wrapper end flap on the outside of the package. In this case, the pusher prevents these products from hanging on the spiral by spreading the flap. The pusher is installed approximately 210 degrees from the front end of the spiral with the tab extending forward (see Figure 7). Locate the pusher in its proper position, hold it against the spiral wire and push the semi-circular part around the spiral wire. Note: Not every selection spiral will need a product pusher. (Example—Box Items)

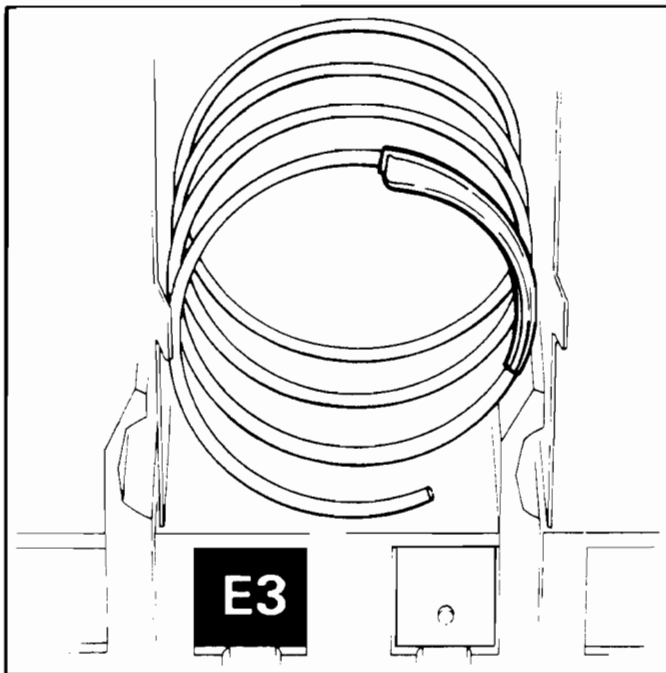


Figure 7. LOCATION OF PRODUCT PUSHER ON SPIRAL.

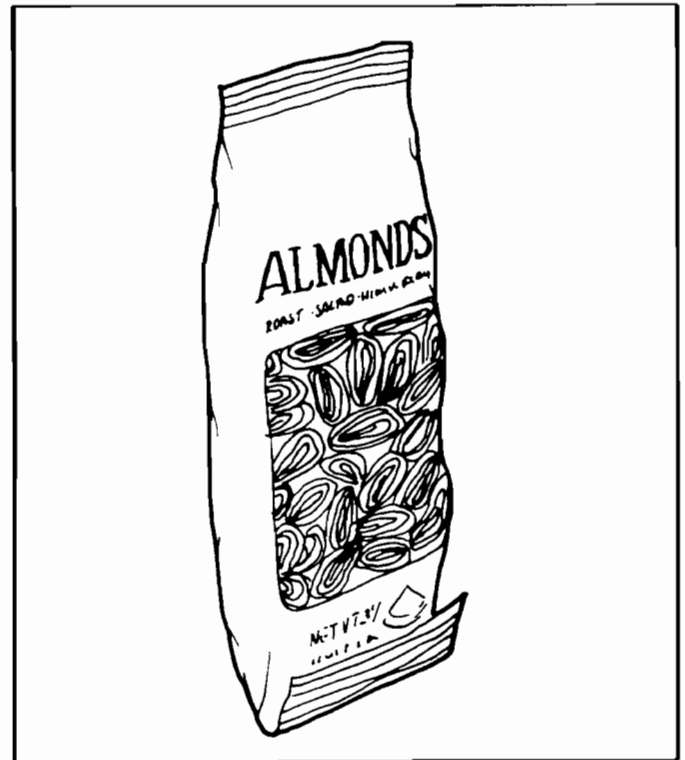


Figure 8. FOLD BAGGED ITEMS BOTTOM EDGE FORWARD AND UP.

10. **BAGGED OR BOXED ITEMS** in the 10-selection shelves if not loaded properly could be a problem. The sealed edge of the bag may get under the spiral wire causing the product to hang up after it has been vended. It is recommended that the lower edge of these types of product be folded forward and up (see Figure 8) next to the product before inserting into the spiral space. It is also recommended to use an 18 count spiral for bagged items because of the product settling to the bottom of the package.
11. **CIGARETTE VENDING FROM SNACKSHOP 7000:** Cigarettes can be vended from the candy shelves using the (15 capacity) spiral for the soft pack regular, king, 100mm or 120mm packs. The (12 capacity) spiral should be used for (box) packs.
12. **LOCK PRODUCT SHELVES.** After all the product has been loaded be sure all shelves are returned to their vend position behind the front roller guide.
13. **INSTALL PROPER PRICE TABS** into price tab holder for each selection in the main product area. (See Figure 9.)
14. **LOADING GUM AND MINT.** The Gum and Mint shelf is located below the Snack Shelves (optional). Unlatch the shelf by pulling forward the two metal latches located to the right and left of the shelf and pull forward. The cover can be pushed back to the rear for easy loading. The shelf contains five individual selections.
The first selection on the left contains two fillers for use with thin mints. (Roloids - certs, etc.). These fillers can be removed for standard gum or mints.

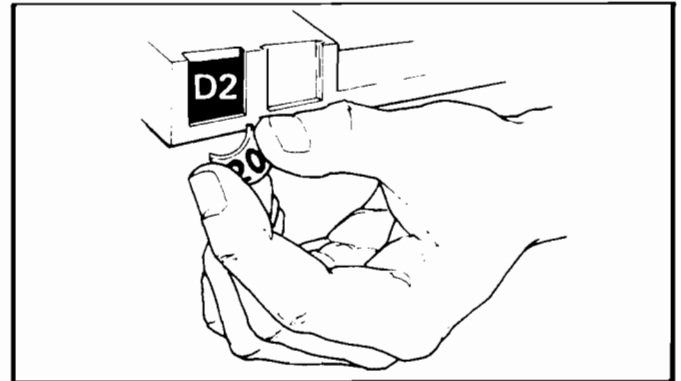


Figure 9. INSTALLING PRICE TABS.

The two selections on the right of the Gum and Mint shelf also have fillers. These selections can be used for standard size gum and mints or the fillers may be removed for larger gum and mint products.

Each selection has a display hinge assembly which should be adjusted after the shelf is loaded. To adjust the display hinge, loosen the wing nut and slide the spring hinge of the flipper over the second product and fasten tightly.

INTRODUCTION

The Snackshop 7000 represents a new concept in vending. There are no pricing switches, vend relays or individual selection switches. All of the machine functions are managed by a control board located on the sliding panel. The control board operates much like a computer. In addition to controlling normal machine functions the control board has a memory and micro processor for the incorporation of an M.I.S. (Management Information System). M.I.S. was designed to give the operator an accurate and up-to-date view of product movement through the machine (product inventories, cash inventories, service time, etc.). Although M.I.S. is an invaluable tool for the operator, it is not necessary for normal machine operation. The following instructions deal with the functioning and set up operations of the machine with and without the use of M.I.S. Read the instructions from beginning to end to get a complete understanding of all machine functions and the interrelationship of components.

1. POWER SUPPLY

The 115 VAC power cord from the wall outlet comes into the machine and plugs into the left side of the main interlock box located on the bottom hinge side of the machine. The other four connections on the interlock box are for the transformer, lights, fan (optional) and power plug to the control board. All these connections are different so you cannot plug them in wrong. The 115 VAC cord goes to the toggle switch inside the box and then to the circuit breaker. The 115 VAC goes to the transformer which supplies two output voltages 28 VAC (11 & 12) and 12.6 VAC (13 & 14). These voltages then pass through their circuit breakers and all three voltages go up to the control board. The 115 VAC (15 & 16) goes to the power board to the left of the main control board. The 28 VAC and 12.6 VAC goes to the top left plug on the main control board.

The voltage used on the vend motors is 24 VDC. Do not test them with AC voltage and be sure polarity is correct or damage will result.

When removing any component be sure the power is off. Take special care when removing the control board. Do not lay the board on a metal surface.

2. CHANGER

The Snackshop 7000 can use either a Mars (MC-5000) or (TRC-6000) or Coinco (C300E 9234) or (9300L) changer. The changer is to be mounted on the changer mounting bracket located on the sliding panel. Remove the changer hold down screw which has been installed in this bracket for shipment. Hang the changer on the shoulder studs provided. Re-install the hold down screw to lock the changer in place. After securing the changer to the changer mounting bracket, plug the changer into one of the two receptacles located below the control board. The changer plug will determine which receptacle should be used. Be sure the changer cord is clear of the coin return lever operation. Load change into the payout tubes and turn the power switch on.

3. MODE SWITCHES

The mode switches are located on the control board. They allow for control of the following machine functions: Set price mode, check price mode, test vend mode, service mode and set serial number mode (see Figure 10). The

operate mode switch is located by itself on the front face of the sliding panel above the selection panel.

IMPORTANT: When operating the machine in any mode other than the operate mode, the door must be open. The machine is automatically put in the operate mode whenever the door is closed.

NOTE: Before closing the door push the operate button to home any motors which may be out of position.

- A. **Operate Mode**—Normal machine operation featuring total control of coin mechanism operation and accountability.
- B. **Set Price Mode**—Used to program each selection with a price and/or product code.
- C. **Check Price Mode**—Used to check prices and/or product codes of programmed selections.
- D. **Test Vend Mode**—Allows normal machine operation as in the operate mode except management data is recorded separately from data recorded in the operate mode.
- E. **Service Mode**—Indicates the operational condition of all L.E.D. displays and vend motors.
- F. **Product Data Number Mode**—Machine identification number for M.I.S. accountability.

4. BILL VALIDATOR MODE SWITCH

The switch located just below the "product data mode" switch is for use with a dollar bill acceptor. This dual switch has an on and off position for both price lines. Price line #1 in the **off** position will accept a dollar bill and if a selection is made will pay back the difference in change. If for some reason the coin return lever is pressed instead of making a selection the customer will receive back that individual dollar.

NOTE: To use the machine as a dollar bill changer at least one selection in the machine should be set for over \$1.00. Example set A6 for a vend price of \$1.10. Therefore, if your machine is used as a dollar bill changer price line #1 should be set to the **off** position. When a dollar is accepted and the coin return lever is pushed it will pay back a dollar in change. Price line #1 in the **on** position will accept a dollar bill and if the coin return is pushed pay back that individual dollar.

Price #2 in the **off** position will accept a dollar bill and if a selection is made pay back the difference in change. In the **on** position (shoppers mode) after a dollar bill or change is inserted will register that amount on the digital display. When a selection is made the amount on the digital display will deduct the price of that selection. At this time the total cash will be displayed of the amount left of that dollar so that another selection may be made without inserting more money. You, therefore, can push the coin return for your change or make as many selections you want to until the digital display reads below the lowest selling price in the machine, then the rest of the money will be paid back automatically.

NOTE: When using the shoppers mode, there is also a delay time incorporated on the control board. If a customer does not make another selection after a period of 10-15 seconds the changer will pay back automatically.

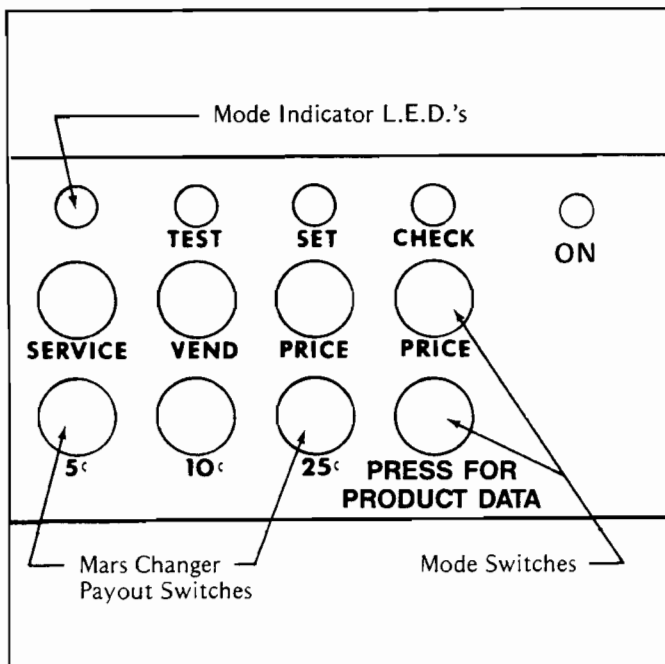


Figure 10. MODE SWITCHES.

5. SELECTION PANEL

The selection panel (Figure 11) on the Snackshop 7000 incorporates the use of a self enclosed membrane switch panel. This eliminates the need for individual switches and wiring. The membrane switch panel is housed in a stainless steel panel with individual buttons protecting the switch face. The casting front also houses the instruction and digital display glass (Figure 12). Included on the instruction glass are three messages for customer instruction when the machine can not complete a vend for an item selected (Figure 12). If this condition occurs, an audible signal is given to the customer and an L.E.D. next to the proper instruction will flash until the customer takes further action.

6. VEND MOTORS

The Snackshop 7000 incorporates the use of a high RPM DC Motor. The new DC Motor has an 85% greater starting torque over the Snackshop 400/500 AC Motor, yet weighs only 40% of the AC Motors weight. Due to the new design, the vend motor may no longer be homed by hand. **DO NOT TRY TO TURN THE SPIRALS BY HAND. DAMAGE TO THE MOTOR WILL RESULT.** Any necessary homing will be done by the machine. It is also important to check polarity before applying current to the motor. Two diodes and a capacitor are used to prevent circuit feedback and may have to be checked when trouble shooting motor problems.

7. PRICE SETTING WITHOUT USING M.I.S.

Pricing is done through the selection panel in conjunction with the mode switches.

A. Press the mode switch "set price" button on the control board (Figure 10). The L.E.D. above the set

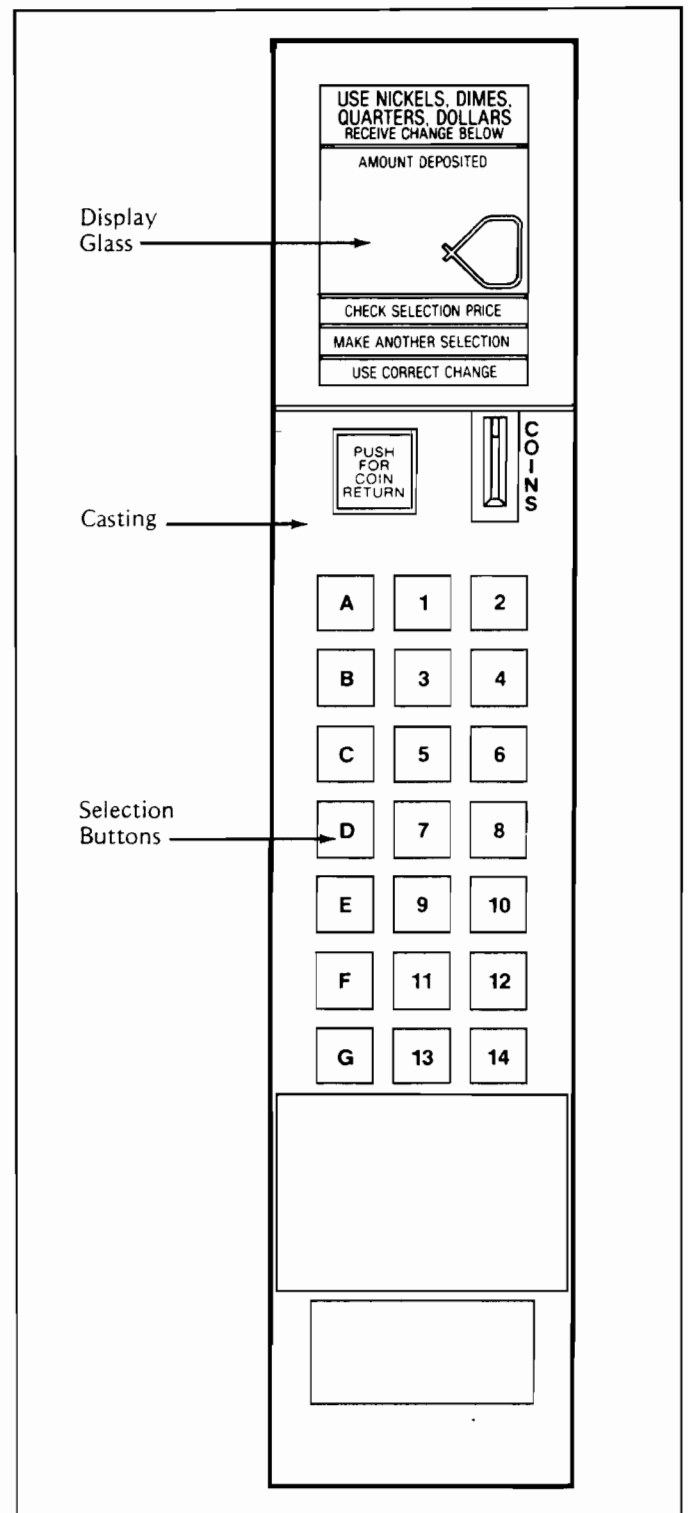


Figure 11. SELECTION PANEL

price will light and the display located on the selection panel will be blank. Any selection programmed at this reading will be removed from the operating program. This would be used when shelves are moved or the number of selections changed to remove those selections not present in the machine from the program.

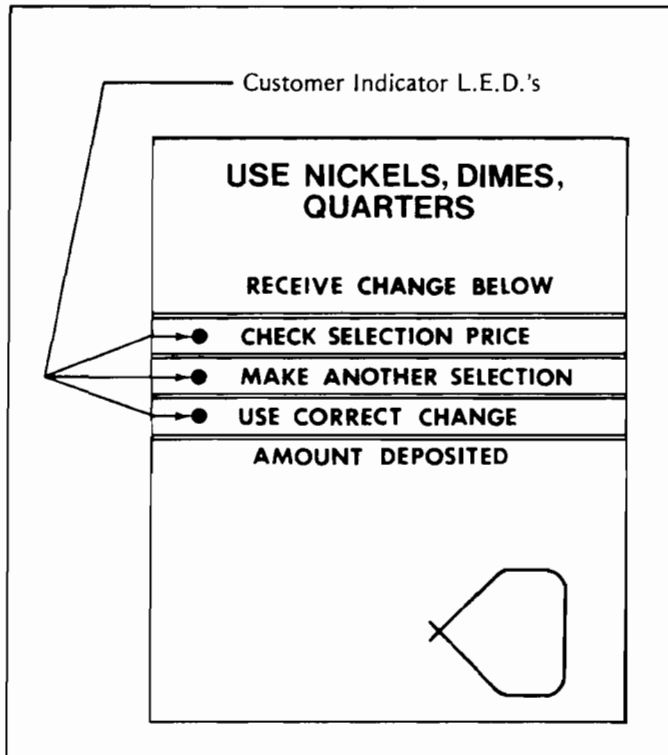


Figure 12. INSTRUCTION AND DIGITAL DISPLAY GLASS.

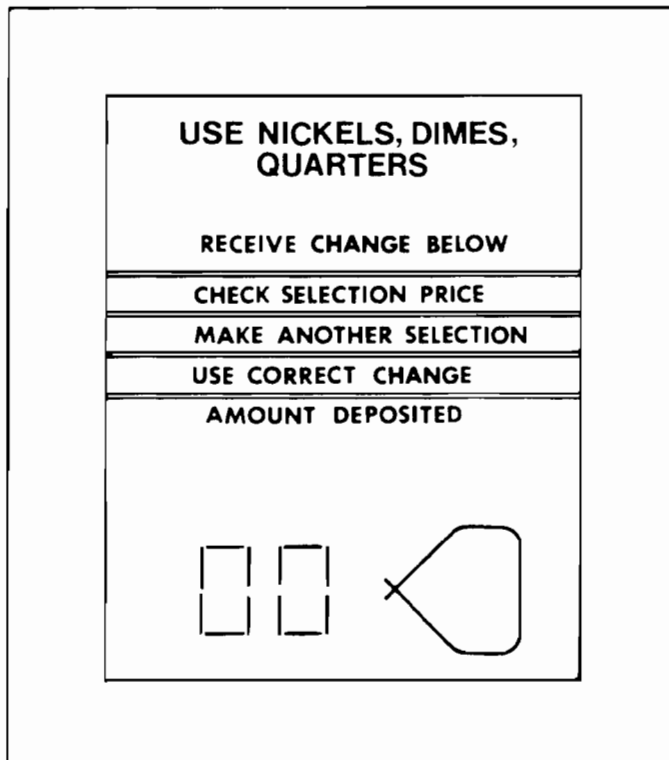


Figure 13.

- B. Press button 11 on the selection panel and the display will show "00.00" (Figure 14) along with three audible beeps will be heard. This is the price display and can be incremented up by pressing button 11 and down by pressing button 12. Increments are 5¢ and each increase will produce one audible beep.

CAUTION: Any selection programmed at "00.00" will free vend.

- C. With the selling price displayed, press first the letter, then the number for each selection to be sold at that price. Increment to your next price and enter those selections. Repeat until all selections have been programmed with their proper price and product code.
8. **PRICE CHECKING WITHOUT USING M.I.S.**
After all prices have been programmed, they should be checked to verify that each selection has been programmed correctly.

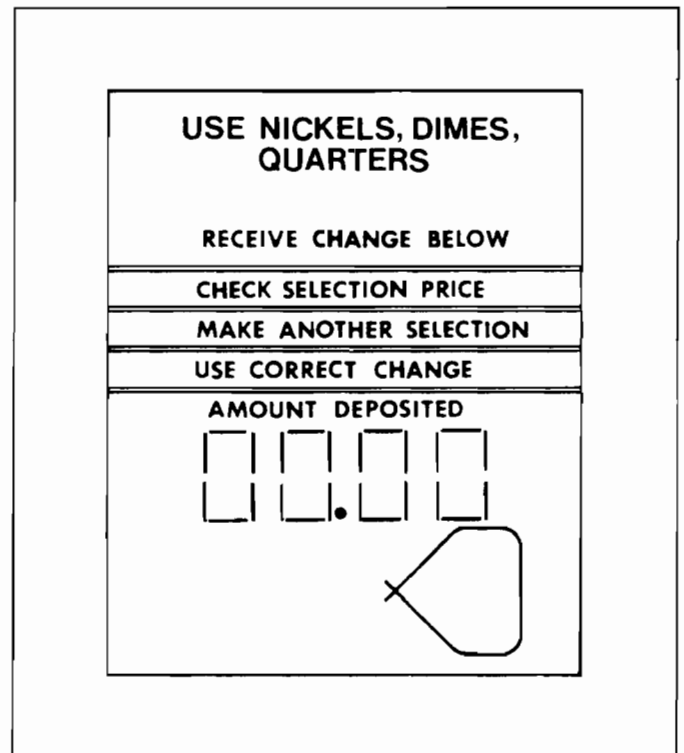


Figure 14.

- A. Press the mode switch "check price" button on the control board (Figure 10). The L.E.D. above the check price button will light and the selection panel display will be blank.
- B. Press the letter and then the number for the first selection to be checked. The price display will show the price that selection is programmed for (Figure 15). Check the displayed price against the price tab on the shelf for that selection.
- C. Continue to check prices until all selections have been checked. Follow "Price Setting Without Using M.I.S." instructions to correct any errors found.

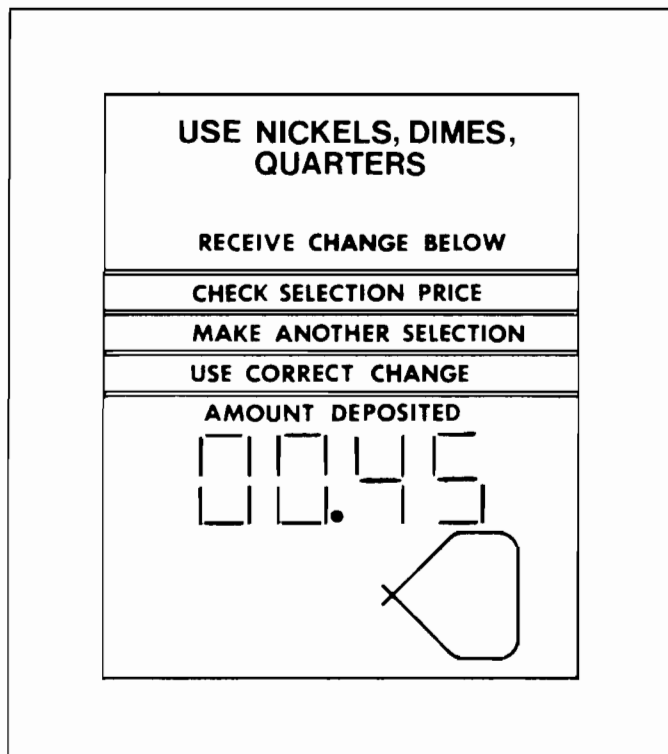


Figure 15. SHOWING A SELECTION PROGRAMMED FOR 45¢

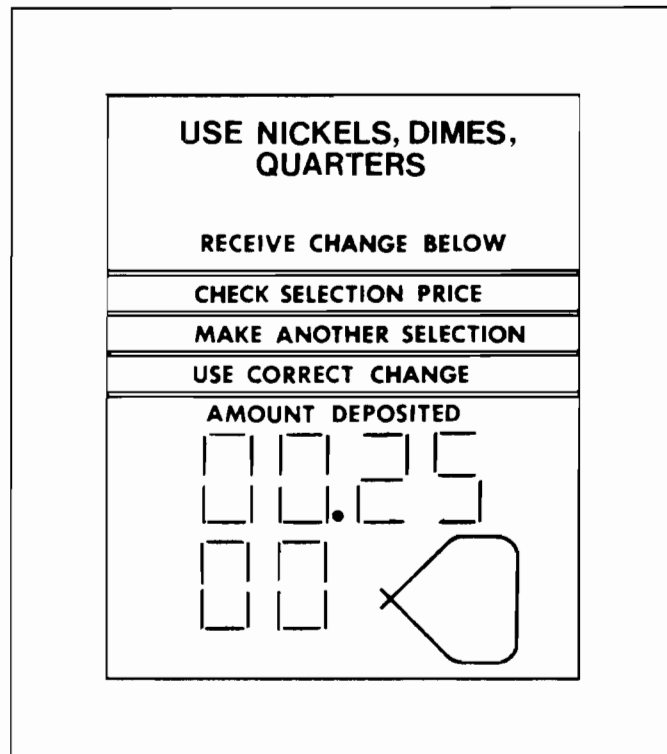


Figure 16.

9. **MANAGEMENT INFORMATION SYSTEM (M.I.S.)**

The Snackshop 7000 is equipped with the data collecting capabilities and the hardware to function as part of the Management Information System. When you are using the M.I.S., the price setting and price checking require the use of a product code. This gives the operator the versatility to use the product codes in any way to best fit his operation.

A product code is a number (00 through 69), used to identify a specific product or group of products. The product code need only be used when M.I.S. is being used. The product code gives the operator total control of individual product sales or product group sales.

The M.I.S. records by product code, the number of vends and total dollar amount vended for each product code programmed. This gives the operator the versatility to program a product code for each selection in the machine or one product code for all selections within the machine.

10. **PRICE SETTING USING M.I.S. AND PRODUCT CODE**

Pricing is done through the selection panel in conjunction with the mode switches.

A. Press the mode switch "set price" button on the control board (Figure 10). The L.E.D. above the set price button will light and the display located on the selection panel will be blank. Any selection programmed now will be removed from the operating program. This would be done when shelves are moved or the number of selections change (Example: Replacing a five selection shelf for a ten selection shelf.).

Press button 13 and a two digit display "00" will appear on the selection panel which is the product code, (Figure 13). Pressing button 13 the display will change by increments of one, going up. By pressing button 14 the increments will come down by one.

B. Press button 11 on the selection panel and the display will show "00.00" (Figure 17) along with three audible beeps will be heard. This is the price display and can be incremented up by pressing button 11 and down by pressing button 12. Increments are 5¢ and each increase will produce one audible beep.

CAUTION: Any selection programmed at "00.00" will free vend.

C. With the product code and selling price displayed, press first the letter, then the number for each selection to be sold at that price and product code. Increment to your next price and/or product code and enter those selections. Repeat until all selections have been programmed with their proper price and product code.

11. **PRICE CHECKING USING M.I.S.**

After all prices and/or product codes have been programmed, they should be checked to insure that each selection has been programmed correctly.

A. Press the mode switch "check price" button on the control board (Figure 10). The L.E.D. above the check price button will light and the selection panel display will be blank.

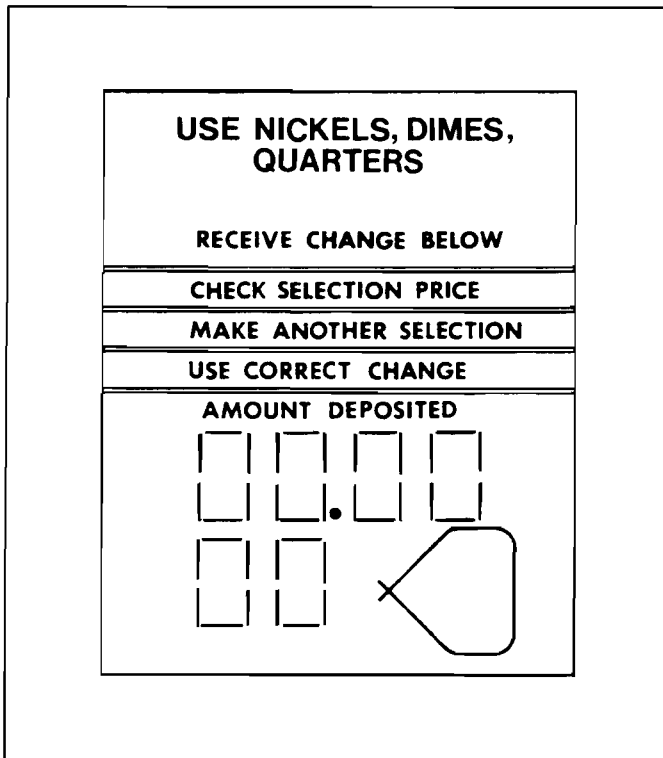


Figure 17.

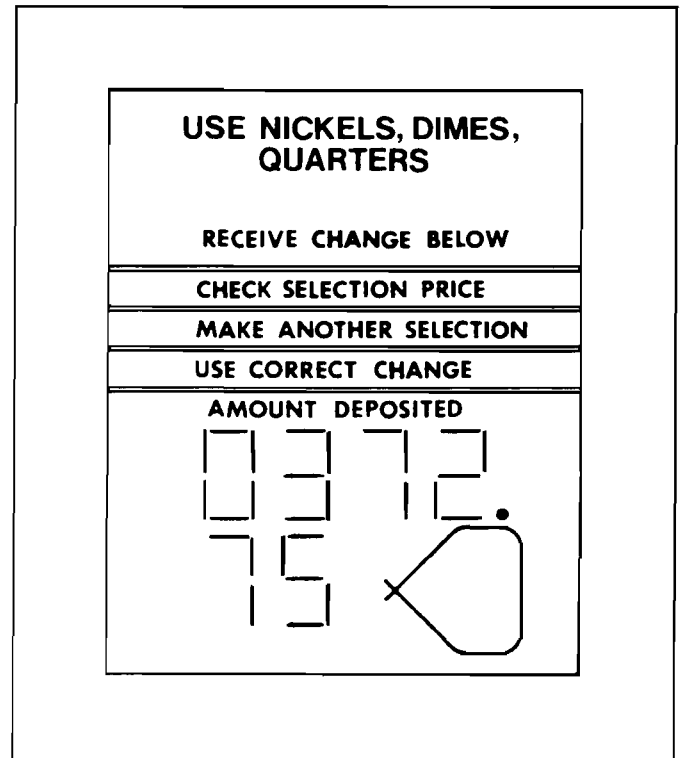


Figure 18. SHOWING \$372.75

- B. Press the letter and then the number for the first selection to be checked. The display will show the price and product code that selection is programmed for (Figure 16). Check the displayed price against the price tab on the shelf for that selection.
- C. Continue to check prices and product codes until all selections have been checked. Follow "Price Setting Using M.I.S." instructions to correct any errors found.

12. CASH ACCOUNTABILITY DISPLAY

A running total of dollars vended by the machine may be displayed on the selection panel display without the use of the M.I.S. The door on the machine must be closed for cash accountability and inventory reporting functions. The cash accountability may not be changed by anyone and represents an accurate cash meter.

- A. Press the mode switch "check price" button on the control board (Figure 10). The L.E.D. above the check price button will light
- B. Press button 14 on the selection panel and the total dollars vended by the machine will be displayed (Figure 18).

INVENTORY REPORTING

- A. Press the product data switch on the control board.
- B. To display identification number press selection button C. The number of the machine will be displayed. Once you have recorded the identification number press button C again.

- C. To display number of vends by any product code. For example, enter the product code (63) then the letter G. The number of vends and the product code will be displayed. Repeat until all desired information has been displayed and recorded.
- D. To clear the vends press A, B and G. This will clear the vends and leave the product codes set on their originally set selections.

13. TEST VEND MODE OPERATION

The test vend mode was incorporated in the Snackshop 7000 to allow machine servicing and testing without affecting the management data or cash accountability of customer vends and customer dollars received. When M.I.S. is not used, the test vend mode prevents service and test vends from being included in the cash accountability readout. When M.I.S. is being used, the test vend mode records the number of vends and dollar amounts received, in a separate category from that same information which is recorded in the operate mode. This gives the operator total control over all product amounts sold and dollar amounts within the machine.

- A. Press the mode switch "test vend" button on the control board (Figure 10). The L.E.D. above the test vend button will light and the display located on the selection panel will be blank. The machine is now ready to operate exactly under the same conditions as in the operate mode, so you will have to use money for the testing. After all servicing and testing has been made return the machine to the operate mode. The machine is now ready for normal customer usage.

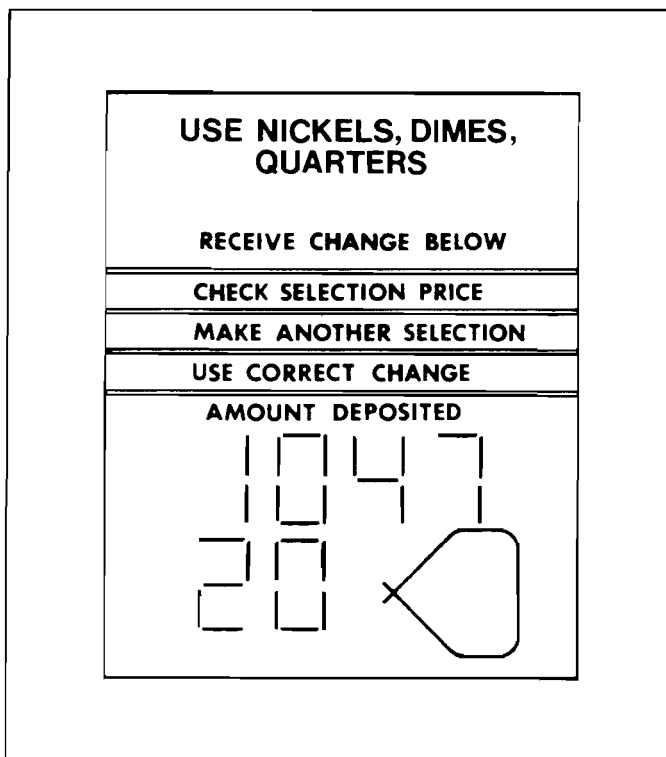


Figure 19. SHOWING A SERIAL NUMBER OF 104720

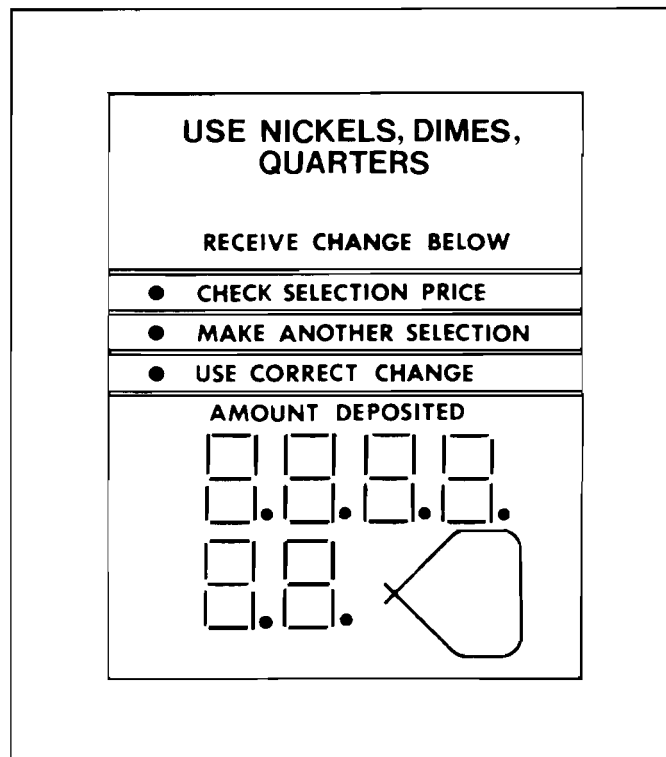


Figure 20.

14. MACHINE IDENTIFICATION NUMBER FOR USE WITH M.I.S.

With using the M.I.S. each machine may or can have an identification number.

- A. Press the "product data" mode switch. Pres the letter "C" on the selection panel. The old identification number (if there is one) will be displayed.
- B. Change or enter a new whole number by pressing the panel numerals. Numeral #10 equals 0 (Figure 19).

15. SERVICE DIAGNOSTIC DISPLAY

Incorporated in the Snackshop 7000 series machine is an automatic circuit check. When the machine is engaged in the "operate" mode a scan is made to check the operating condition of all selection motors. If any non-functional motors are in this scan there will be three audible beeps and can now be trouble shooted for corrections.

- A. Press the mode switch "service" button located on the control board (Figure 10). The L.E.D. above the service mode button will light and the selection panel L.E.D.'s will all light (Figure 20). This tells the service person if all L.E.D.'s are in operating condition and that the Control Board is operating.
- B. Press button 14 on the selection panel. If any of the motors are not functioning (jammed, bad switch, bad harness, etc.) the first non-functioning motor in the series will be displayed on the selection panel display (Figure 21).

- C. If a non-functioning motor exists, record the selection on paper and repeat step B. Continue this procedure until all non-functioning selections have been displayed, recorded and the selection panel display reads all 8's (Figure 20).
- D. If all motors are operational the selection panel display will read all 8's.
- E. Inspect and repair the selections recorded from the service diagnostic display.
- F. After servicing the non-functioning selections return all shelves to a vend position and press the mode switch "operate" button located on the front side of the sliding panel. A delay will occur before the operate L.E.D. will light. This delay is the machine making the automatic circuit scan. At the time the scan is taking place any motors not in the start position automatically are homed. **DO NOT TRY TO TURN THE SPIRALS BY HAND. DAMAGE TO THE MOTOR WILL RESULT.**
- G. To insure that all serviced selections are operational, repeat steps A and B.

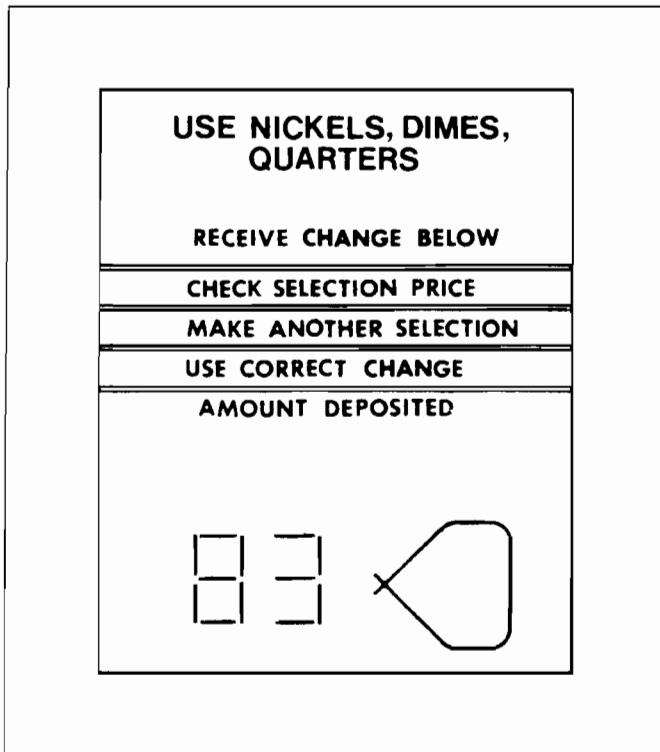


Figure 21. SHOWING SELECTION B3 NOT OPERATING

16. LIGHTING SYSTEM:

There is only one fluorescent lamp in the Snackshop 7000. The lamp is located in the top of the door, and lights the main product area and the product sign, if used. The starter is located on the hinge side of the lamp. The ballast for the circuit is located on the main interlock box.

17. MAIN PRODUCT SHELVES:

There are five or six main product shelves per machine. Each containing either five or ten selections. Each selection has its own motor mounted to the back of the shelf. Every shelf has its own harness and plug for connecting to the remainder of the circuit through the cabinet receptacle, located in the rear center of the cabinet. The motors are the same on either type shelf. It is now possible in the Snackshop 7000 to exchange a five selection shelf with a ten selection shelf or visa versa. You also have the capability to gain 1/2 inch either up or down on the second and/or fifth shelf. To do this the shelf should be removed and the cabinet back harness receptacle lowered or raised. The six rollers on that particular shelf then should be lower or raised also.

NOTE: When exchanging the shelves, you will not need any parts, but you will have to reprogram the machines for prices and selections.

REMOVAL OF PRODUCT SHELF:

- A. Lift up and push the lock lever toward the back of cabinet. See Figure 1.

- B. Pull the shelf to its loading position.
- C. Grasp shelf in front and rear center. Lift front of shelf up above horizontal and pull shelf forward while lifting.
- D. To install shelf, reverse above procedure.

18. DELIVERY BIN:

This is located below the display window on the door and is mechanically operated. The linkage on the outside ends of the delivery bin may require occasional lubrication. Should the door become difficult to operate, place a small amount of grease on the arm tracks.

REMOVAL OF DELIVERY BIN:

- A. Remove the screws from the underside of the delivery bin. These screws fasten into the lower door brace and remove the two screws and brackets at the top of the delivery bin.
- B. Grasp delivery bin on both sides and lift up and pull back. Should bin be tight, rock it by lifting on one end, then the other.

REPLACEMENT OF DELIVERY BIN:

- A. Locate lip on front edge of delivery bin over lower edge of opening in door and behind trim. Press down along lip to make sure it is fully engaged between door and trim.
- B. Install the four screws and two brackets, to secure bin to door.

19. COIN RETURN:

The coin return lever is located on the sliding panel and the coin return linkage is located above the changer, scavenges the slug rejector. Actuation of the coin return lever will clear the rejector of any damaged coins and will also cancel all credit on the changer, returning that amount to the customer.

20. COIN ACCEPTANCE:

A coin or coins (5¢, 10¢ or 25¢ coin) being deposited pass thru the rejector and into their respective coin paths in the changer establishing the credit. The coins then enter either the self-load change tubes on the changer or the cash box. Actuation of the coin return lever prior to making a selection will cancel all credit on the changer and will return the amount of deposit back to the customer.

21. REMOVAL OF GUM AND MINT MOTOR AND/OR EJECTORS:

Disconnect the two wires going to the motor and remove the four screws holding it to the shelf. The components attached to the front base can also be replaced. These consist of the gum and mint shelf front (Price tabs and selection), gum and mint shelf front base, gum and mint display front stop (plastic) and the gum and mint ejector. **NOTE:** Before replacing the gum and mint motor it would be helpful to tap the motor first with the screws. Assemble the four components together and mount them to the motor making sure that the head crank of the motor is inserted into the ejector. Replace the four screws and test vend that selection for proper operation.

22. REMOVAL OF GUM AND MINT SHELF:

Below the gum and mint shelf remove the two screws holding the gum and mint receptacle harness bracket (Page 24 Item 15). Loosen the other two screws on each end of the gum and mint pusher stop strap (Page 34, Item 20) and disengage it from the cabinet. Grasp the shelf and pull the shelf straight out. With the shelf out you can replace the gum and mint pusher (Page 34, Item 31) by removing the screw (Page 34, Item 21). Reverse the procedure to replace the shelf. Pay special attention when you put the gum and mint pusher stop strap back on that all the gum and mint pushers have spring tension and are behind the strap.

23. REMOVAL OF CONTROL PANEL:

The entire control panel can be removed from the machine by using the following procedure:

- A. Pull panel to its full position.
- B. Remove the control board cover and power board cover.
- C. Disconnect main cabinet harness and power plugs off the control board.
- D. Remove the wrap harness screw and ground screw to the control panel.
- E. Remove the top stop bracket located on the upper side of roller channel assembly.
- F. Grasp panel to support its weight and pull forward and lift upward. Be careful that the roller channel does not fall off the panel.

REPLACEMENT OF CONTROL PANEL:

- A. Engage the lower edge of the panel to the lower guide channel.
- B. Guide the roller channel onto the upper track and lift and push panel and channel into the cabinet.
- C. Reinstall stop bracket. This bracket must be installed in back of the channel in top of the cabinet, as this bracket is what stops the sliding panel in its forward position.
- D. Replace the cabinet and plug harnesses to the control board.

- E. Replace the tie wrap harness and ground screws.
- F. Replace the control board cover.
- G. Push panel back into the cabinet.

cleaning

The Snackshop 7000 will do the best merchandising job for you if it is kept clean. The display window can be cleaned with any good glass cleaner. The exterior and interior surfaces should be cleaned with warm water and mild detergent. Rinse thoroughly and dry all surfaces.

CAUTION:

Do not use any cleaners containing silicon as this could cause electrical failures.

The main product shelves can be best cleaned with the spirals and product spacers removed. Refer to page 5 for removal of spirals and page 6 for removal of the product spacer. We do have cleaner available that we feel is superior to any other

cleaners we have tried in the past. The cleaner (Part # 460386) comes in a 20 ounce aerosol can and is used by spraying a good coating over the surface to be cleaned, then letting the cleaner set for 3 to 3½ minutes and wiping it off. After the shelf has been cleaned a neutralizer (Part # 460387) should be sprayed on and wiped off. The neutralizer will have to be transferred to a smaller bottle with a sprayer. There are openings in each end of the delivery bin at the back for cleaning out dirt.

Clean the acceptor on the changer frequently as accumulated dirt in this area can cause coins to hang or not be accepted. Follow recommended cleaning procedures as described by the manufacturer.

optional equipment

1. VENTILATING FAN: (Kit #750102)

The ventilating fan operates on 115 volts and keeps a steady flow of fresh air moving through the vendor cabinet.

Installation of the ventilating blower takes but a few minutes and requires no additional wiring; all the vendors are wired with a plug for the fan. Installation instructions are sent with the kit.

regular snack spirals. A product pusher and spacer should be used where required. Part numbers for these special spirals are as follows:

400139	12 space special spiral
400140	15 space special spiral
400141	18 space special spiral
400142	24 space special spiral
400143	30 space special spiral

2. BASE KITS:

Base kits are available to make the vendor compatible with other manufacturers.

3. GUM-AND-MINT:

Gum-and-Mint units are available as an option with Snack-ship 7000 vendors.

For information pertaining to loading or servicing gum-and-mint unit, refer to this service manual for loading instructions and for service instructions.

4. SPECIAL SPIRALS:

Special candy spirals are available for use in the five (5) selection snack shelves. For the sake of identification, the back end of these spirals are colored RED and should never be used in the ten (10) selection candy shelves.

These spirals allow vending products that are too wide for the standard candy columns but may be too thin for the

NOTE: The difference between the standard candy spiral and the special candy spiral used in the wide snack columns is in the overall length of the spiral. The special spiral is shorter than the standard candy spirals.

CAUTION: Do not attempt to use the special candy spirals in a ten (10) selection shelf.

5. SOUP DISPENSER. (Kit 750083)

A canned soup dispenser is available as an option for use in the five selection snack shelves. The dispenser is easy to install and holds up to nine cans in the unit.

6. DOLLAR BILL VALIDATORS:

There are two kinds of validators available Ardac (Part #420147-4) and Mars (Part #420147). The validators take but a few minutes to install and may also be purchased through the manufacturer of that unit.

troubleshooting

TROUBLE	CAUSE	REMEDY
Motor runs (2½ turns).	1. Capacitor discharging current. 2. Defective motor, control board or motor switch. 3. Loose wire on motor.	1. Resolder capacitor or replace motor. 2. Replace motor, control board or motor switch. 3. Replace wire.
Motors appear defective.	1. Defective transformer. 2. Defective circuit breaker. 3. Pin connection.	1. Check for 28 volts from transformer to control board. 1. Replace board.
Spirals turn continuously.	1. Defective control board.	1. Check each individual motor for loose or pinched wire and replace it.
Motors run on same number throughout machine A1, B1, C1, D1, E1, F1.	1. One of the motor wires is shorting out.	1. Replace selection switch panel. 2. Replace board.
Cannot set prices in machine.	1. Defective selection switch panel. 2. Defective control board.	1. Replace selector switch panel assembly.
Push A & A1 turns. Push B & B1 turns.	1. Selector switch panel shorting out.	1. Plug in. 2. Replace board.
No L.E.D. lights on control board.	1. Check plugs on control board. 2. Defective control board.	1. Plug in. 2. Replace changer.
Press the service mode but cannot empty changer.	1. Check plugs on the control board. 2. Defective changer.	1. Check wall outlet. 2. Replace changer. 3. Check pricing.
Machine will not accept coins.	1. No power to machine. 2. Defective changer. 3. The changer will accept only logical amount of money above the vend price. 4. Changer should be installed with power off. 5. Machine accepts only one coin. 6. Defective power board. 7. Defective circuit breaker (115 volt).	4. Turn power off—then on. 5. Check prices in the machine. Check for defective circuit breakers. 6. Replace power board. 7. Replace circuit breaker.
G&M selection shows "Make another selection"	1. Defective motor.	1. Replace motor.

bill validator – instructions for installation

The Service Envelope in the bottom of the machine contains different mounting brackets and decals for use with and without bill validators.

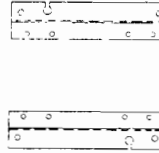
The machine, if ordered with a dollar bill validator, will already have the unit mounted (Mars or Ardac). If for some reason you wanted to exchange units or not use a validator at all, we have provided these brackets and decals.

MARS: When installing a Mars Validator use the dollar decal and brackets shown on the right. It would be easier to install the brackets to the panel with the hex nuts and use the dollar “empty” light as a guide. Take the four screws and mount the Mars Validator to the bracket with the identification label facing out. The harness then can be plugged into the bottom of the validator, to the stacker and plugged into the bottom pins of the power board, and to the bottom left side pins of the main Control Board.

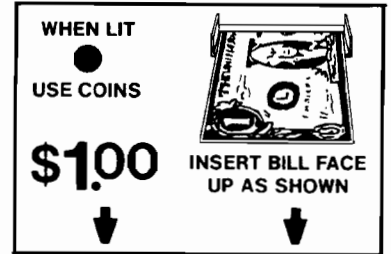
ARDAC: When installing an Ardac Validator use the decal and plate shown on the right. Using the dollar “empty” light as a guide mount the plate with the four hex nuts. Mount the validator to the place with four more hex nuts. Insert the stacker in the validator (making sure it is locked into place). Mount the control box onto the studs provided to the left of the coin cup chute and fasten it on to the panel with two screws. The 15 pin plug on the left side of the control box goes over to either one of the stacker plugs. The 15 pin plug on top of the control box goes over to either one of the plugs on the validator. The 120 volt plug on the top of the control box goes to the bottom two right pins on the power board. The 21 pin plug goes up to the bottom left pins of the main Control Board.

NO VALIDATOR: Use the decal and bracket as shown. The short solid bracket is used to fill the hole on the control panel. Insert this bracket and hold it against the panel with the Ardac mounting plate.

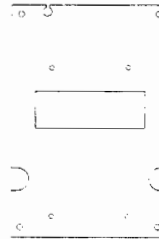
Bronze
(Part #201433)



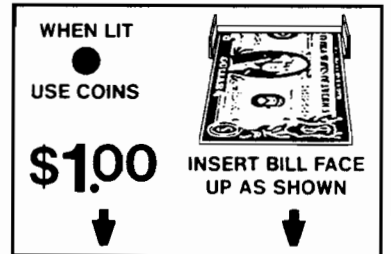
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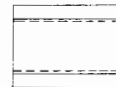
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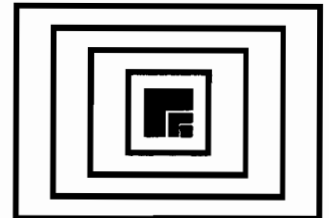
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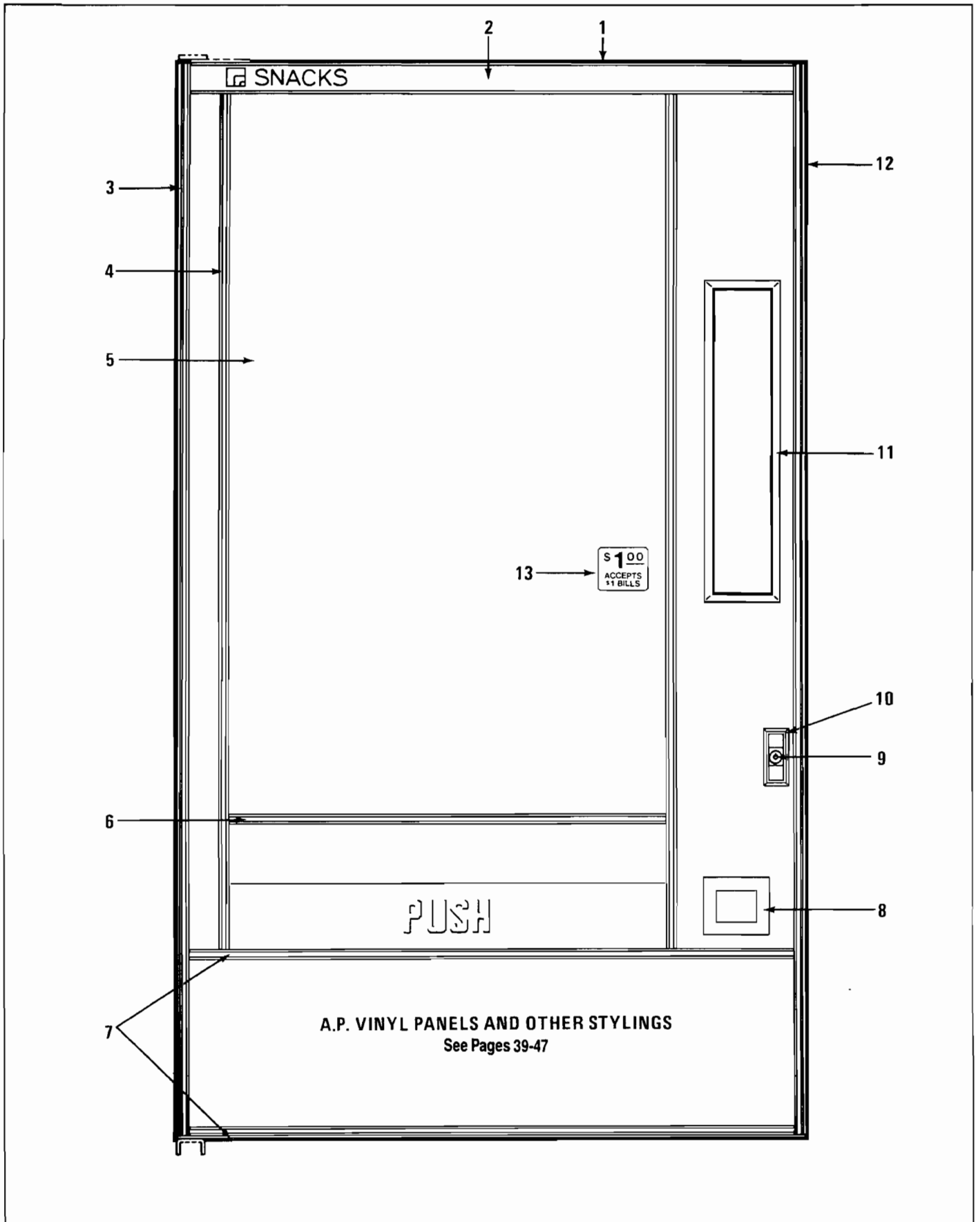
(Part #201418)



(Part #460359)

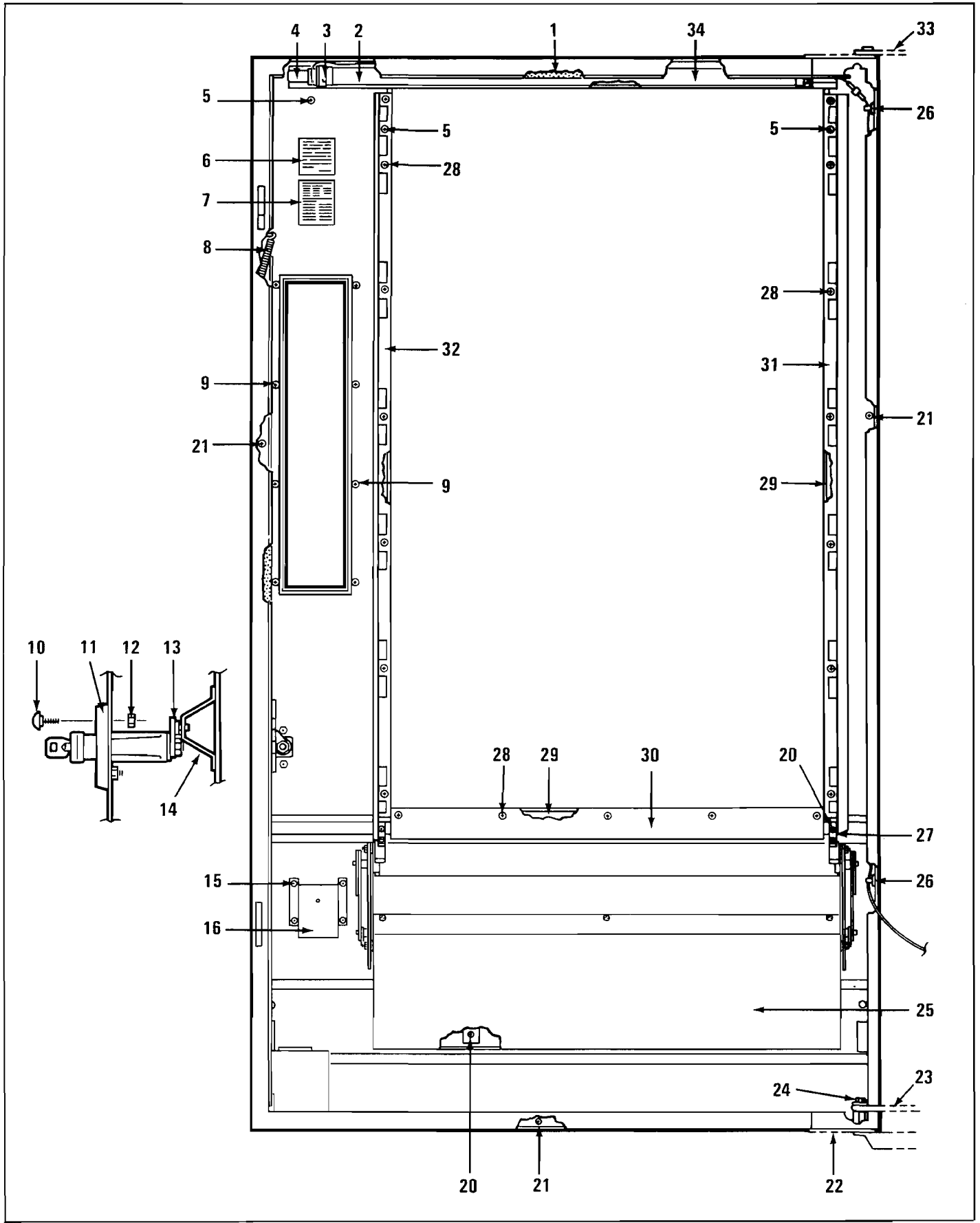


door — outside front



Item No.	Part No.	Description
1	340044-5	Top, Trim, For use w/Vinyl Insert.
	201690-4	Top Trim For Use w/Vinyl Insert, Export Only.
2	440258-2	Insert, Top Trim, Snacks.
	420185	Insert, Top Trim, Export Only.
3	340057	Trim, Outside Vertical (Right or Left).
4	340058-2	Trim, Inside Vertical (Right or Left).
5	750141	Window, Front. (44-5/8 x 26-7/8 x 1/8).
		Note: Replacement glass must
		be hard tempered or Lexan only.
6	340058	Trim, Inside Horizontal.
7	340055-3	Trim, Inside Horizontal.
8	440296	Coin Cup Trim. Black Plastic.
9	420071	Ace Lock w/2 Keys.
	420071-1	Ace Lock w/1 Key.
	420071-2	Ace Lock w/o Key.
10	660319	Lock Handle Assembly. W/Lock Arm and Nut.
11	320055	Trim, Control Ring.
12	600428	Door Only. Specify Color.
13	460375	Dollar Decal.

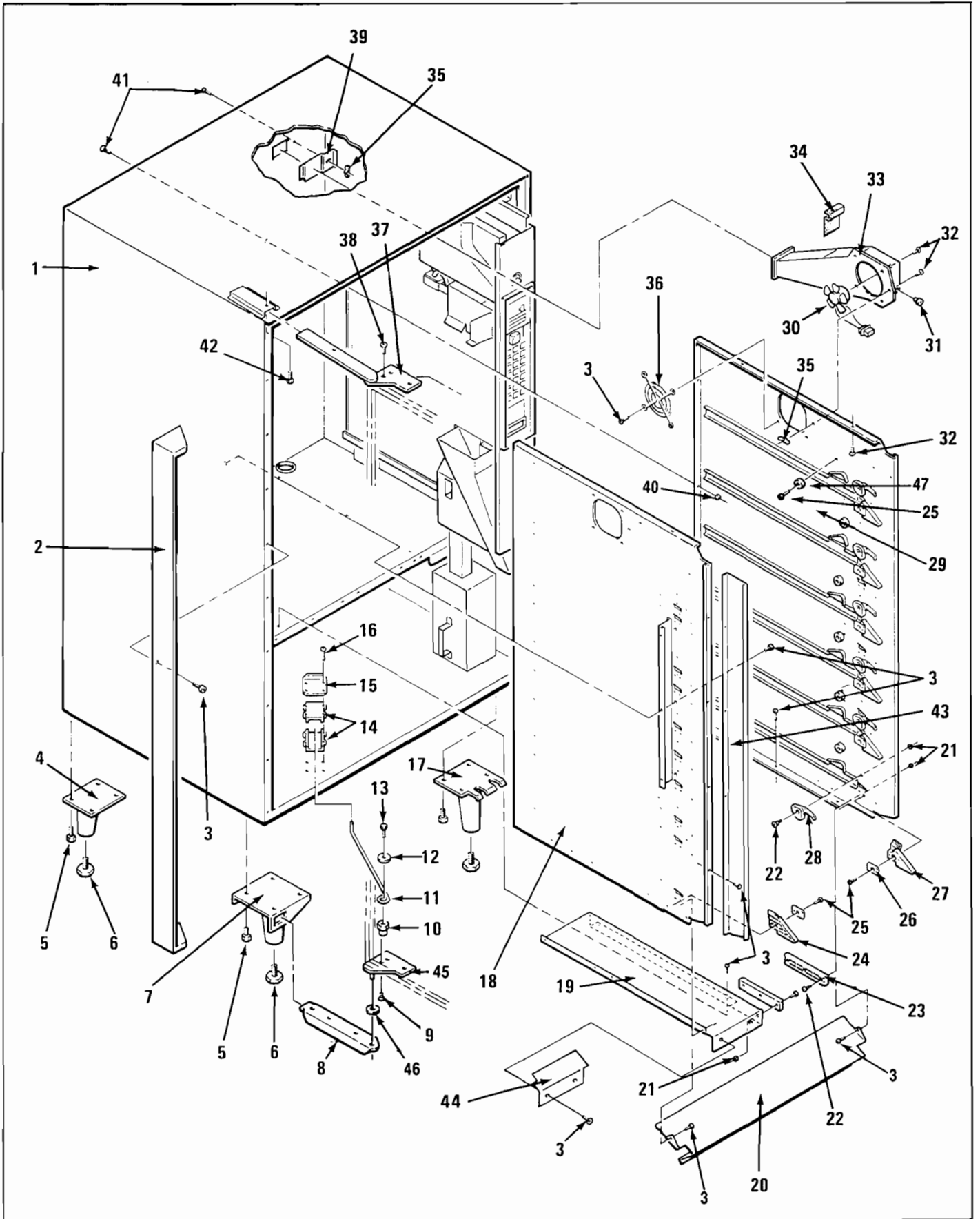
door – inside front



Item No.	Part No.	Description
1	460041-1	Insulation, Foam (1/4 x 1/4 x 50").
2	380022	Lamp, Fluorescent (F18T8-CW-K30)
3	380047	Socket, Fluorescent Lamp Only.
	680138	Assembly Complete. Lamp Harness.
4	380023	Starter. FS-25.
	380023-4	Starter. FS-11, Export Only.
5	201-6R7	Screw Rd. Hd. Phillips Type B (6-18 x 7/16).
6	460308	Label FCC.
7	460085	Decal, Patent.
8	400112	Spring, Locking Bar.
9	276-6R6	Screw, Pan Hd. Self-Tap (6-32 x 3/8).
10	118-10-8	Carriage Bolt (#10-24 x 1/2).
11	660319	Assembly Complete. Lock Handle. W/Lock Arm and Nut.
	420146	Lock Handle Only.
12	404-10	Nut, Hex (10-24).
13	640131	Lock Arm Only.
14	600432	Locking Bar only.
15	18443	Nut, Hex Hd. (8-32).
16	201155	Coin Return Cup.
	201156	Coin Return Cup Door.
20	276-8R6	Screw, Pan Hd. Self-Tap (8-32 x 3/8).

Item No.	Part No.	Description
21	200-6R6	Screw, Rd. Hd. Phillips Type A (6-18 x 3/8).
22	640108	Lower Hinge.
	420003	Screw, Flat Hd. (1/4 - 20 x 3/4).
23	400095	Door Stop.
24	300156	Nut, Special.
	420010-10	Washer.
	114-41-8	Screw, Hex Hd. Mach. (1/4-20 x 1/2).
25	660310	Assembly, Delivery Bin Complete. (See Page 34 for Itemized Parts)
26	420097	Cord Clip.
27	200906	Delivery Bin Anchor Strap.
28	201-6R11	Screw, Rd. Hd. Phillips Type B (6-20 x 11/16)
29	460436	Insulation, Rubber. Black. (Order number of inches needed)
30	201384	Bottom Window Clamp.
31	201381-3	Window Side Shield (clamp) Pivot.
32	201381-2	Window Side Shield (clamp) Lock.
33	640107-1	Assembly, Upper Hinge.
	420003-1	Screw, Flat Hd. (1/4-20 x 1/2).
34	440084	Light Reflector.

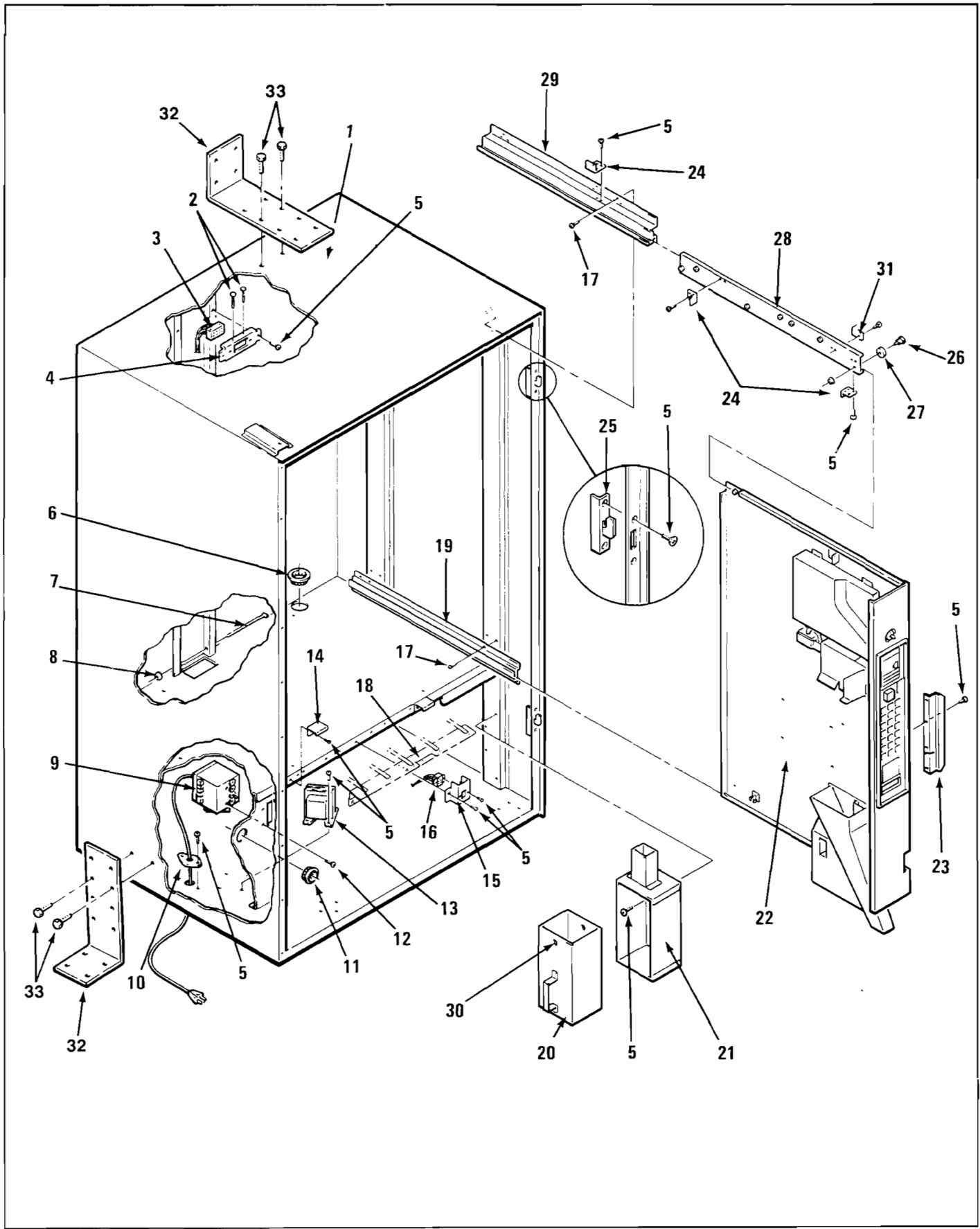
cabinet



Item No.	Part No.	Description
1	750100-2	Cabinet Assembly complete with legs. Specify color.
2	600310	Assembly, Cabinet to Door Filler. Specify Color.
3	276-8R6	Screw, Pan Hd. Self-Tap (8-32 x 3/8).
4	600195	Leg Assembly Rear.
5	114-51-12	Screw, Hex Hd. Mach. (5-16-18 x 3/4).
6	300103	Leg Leveler.
7	600302	Leg Assembly Front. Pivot Side.
8	201012	Lower Hinge Support.
9	420003	Screw Flat Hd. (1/4-20 x 3/4).
10	300156	Nut, Special. Door Stop Anchor.
11	400095	Door Stop.
12	420010-10	Washer.
13	114-41-8	Screw, Hex Hd. Mach. (1/4-20 x 1/2).
14	440204	Door Stop Friction Pad.
15	201042	Door Stop Plate.
16	277-10R16	Screw, Pan Hd. Self-Tap (10-32 x 1").
17	600197	Leg Assembly Front. Lock Side.
18	660312-7	Assembly Complete. Left Side Panel. 5 Shelf.
	600417	Panel Only. Left Side. 5 Shelf.
	660312-12	Assembly Complete. Left Side. 6 Shelf.
	600418	Panel Only. Left Side. 6 Shelf.
19	201450	Filler, G & M Pivot Side.
20	201386	G&M Filler Panel. (Use without G&M Shelf).
21	437-41	Nut, Keps (1/4 - 28).
22	300137	Screw, Shelf Roller
23	440278	G&M Tray Slide.

Item No.	Part No.	Description
24	440264	Front Roller Guide, Left Side.
25	276-8R12	Screw, Pan Hd. Phillips (8-32 x 3/4).
26	201389	Roller Retainer.
27	440263	Front Roller Guide. Right Side.
28	440161	Shelf Lock.
29	660311-5	Assembly Complete. Right Side Panel. 5 Shelf.
	600415	Panel Only. Right Side. 5 Shelf.
	660311-6	Assembly Complete. Right Side Panel. 6 Shelf.
	600416	Panel Only. Right Side. 6 Shelf.
30	750102	Kit, Complete. Ventilating Fan.
	680313-2	Assembly, Fan Complete Only.
31	420040-6	Snap Bushing.
32	277-10R8	Screw, Pan Hd. Self-Tap (8-32 x 1/2).
33	750102	Kit, Assembly, Complete.
	750102-1	Kit, Complete Ventilating Fan, Export Only.
	680313-1	Assembly Fan Complete Only, Export.
	640118	Assembly, Fan Chute Only.
34	201176	Fan Screen.
35	420023	Wing Nut (8-32).
36	380215	Fan, Finger Guard.
37	640107-1	Top, Hinge Assembly.
38	42003-1	Screw, Flat Hd. (1/4-20 x 1/2).
39	201382	Fan Hole Cover.
40	404-8	Nut, Hex Hd.
	335-8R6	Screw, Pan Hd. Tap Tite Phillips. (8-32 x 3/8).
41		
42	164-51-7	Screw, Hex Hd. Sems (5-16-18 x 3/8).
43	201383	Panel, Left Side Extension.
44	201550	Plate, G&M Filler. Deflector.
45	640154	Assy. Lower Door Plate.
46	420010-18	Washer 1 1/4
47	440306	Shelf Guide Button.

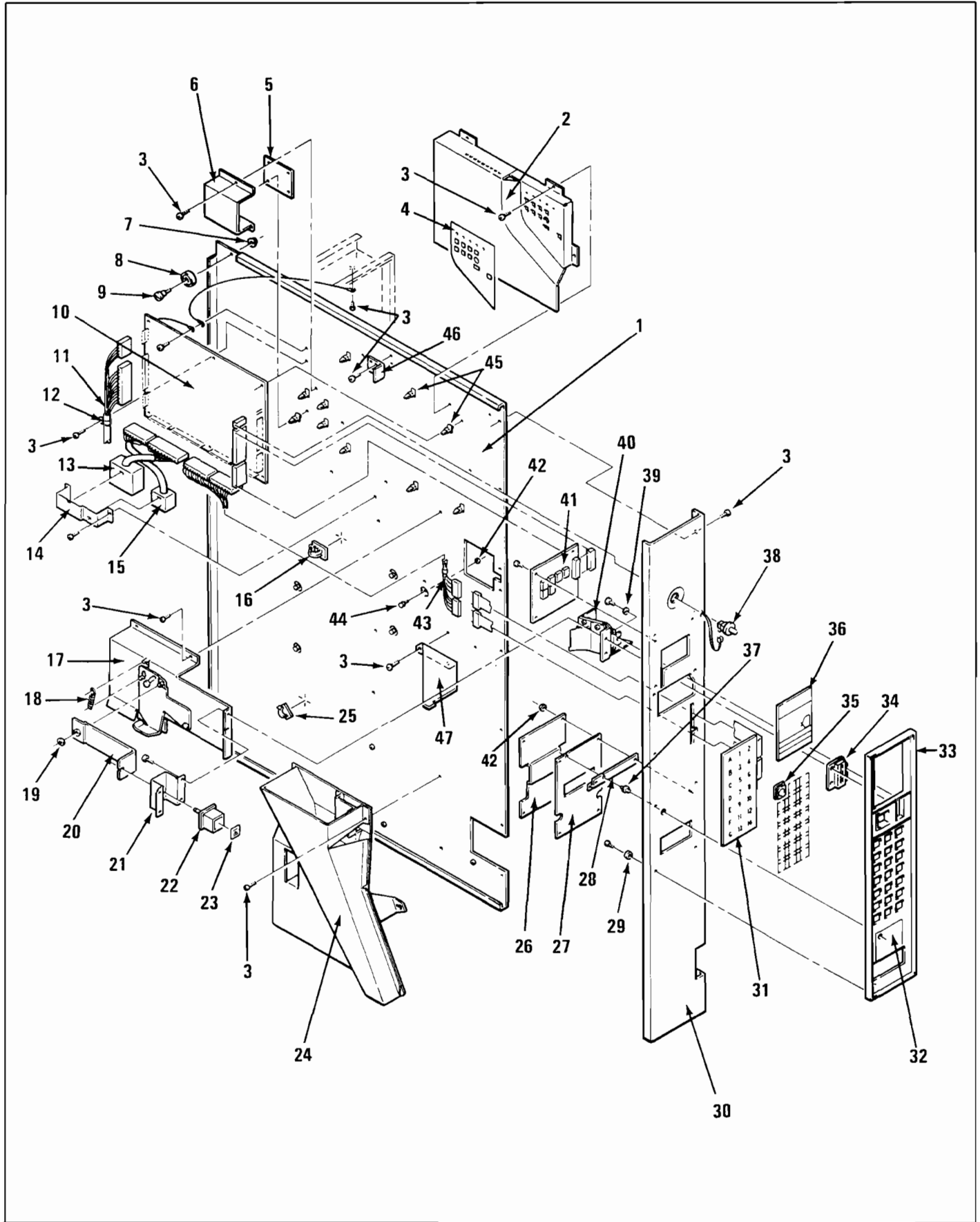
cabinet



Item No.	Part No.	Description
1	750100-2	Cabinet Assembly Complete. w/Legs 7000. Specify Color.
2	420142	Pin, Cabinet Receptacle.
3	680303	Cabinet Harness Complete. 5 Shelf.
	680304	Cabinet Harness Complete. 6 Shelf.
4	201373	Receptacle Mounting Plug.
5	276-8R6	Screw, Pan Hd. Self-Tap (8-32 x 3/8).
6	420040-7	Snap Bushing 1-5/8 Diameter.
7	300167	Pin.
8	420045	Rubber Bumper.
9	680270-3	Assembly Complete Main Junction Box. (See Page 36 for Itemized Parts)
10	660240-1	Assembly Complete. Cord Set.
	680321-1	Assembly, Complete Cord Set, Export Only.
	660386	Assembly Complete, Grounding, Export Only.
	100-B41-24	Brass Screw, Export Only. (1/4 x 20 x 1 1/2).
	404-B41	Brass Nut, Qty. 4, Export Only. (1/4 x 20)
	380224	Keeper Washer, Qty. 4, Export Only.
	630-416	Lock Washer, 1/4, Export Only.
11	420040-4	Snap Bushing. 1-5/16 Diameter.
12	276-8R6B	Screw, Pan Hd. #23 Phillips (8-32 x 3/8).
13	360083	Transformer.
	360094	Transformer, Export Only.
14	201453	Gum & Mint Tray Catch.
15	201415	Gum & Mint Mounting Bracket Plug.
	201415-1	Gum & Mint Mounting Bracket Plug. Export Only.
16	380230	Plug Only.
17	277-10R8	Screw Pan Hd. Phillips Type 23. (10-32 x 1/2).

Item No.	Part No.	Description
18	660316	Gum & Mint Shelf Complete. (See Page 32 for Itemized Parts).
19	600435	Lower Guide Channel.
20	600179-1	Cash Box w/Handle.
21	600436	Cash Box Mounting Bracket.
22		(See Page 26 for Itemized Parts.)
23	201563	Control Panel Stop.
24	200816	Roller Channel Stop Bracket.
25	600433	Door Lock Catch. Heavy Duty.
26	300137	Screw, Shelf Roller.
27	440277	Shelf Roller.
28	660318	Assembly Complete. Roller Channel.
	201431	Roller Channel Only.
29	600434	Roller Channel Mounting Bracket. Upper.
30	750097	Lock and Cam for Cash Box. w/2 keys. Specify Number.
	420020	Lock w/1 key. Specify Number.
	420069	Cam Cash Box Locking only.
31	201562	Control Panel Stop Bracket.
32	750146	Kit Anchoring Bracket. (Consists of 2 Brackets with Hardware).
	202016	Anchoring Bracket only.
33	118-41-12	Carriage Bolt. (1/4-20 x 3/4).
	410-41	Hex Nut. (1/4-20) Not shown.
	600-416	Plain Washer. (1/4) Not shown.

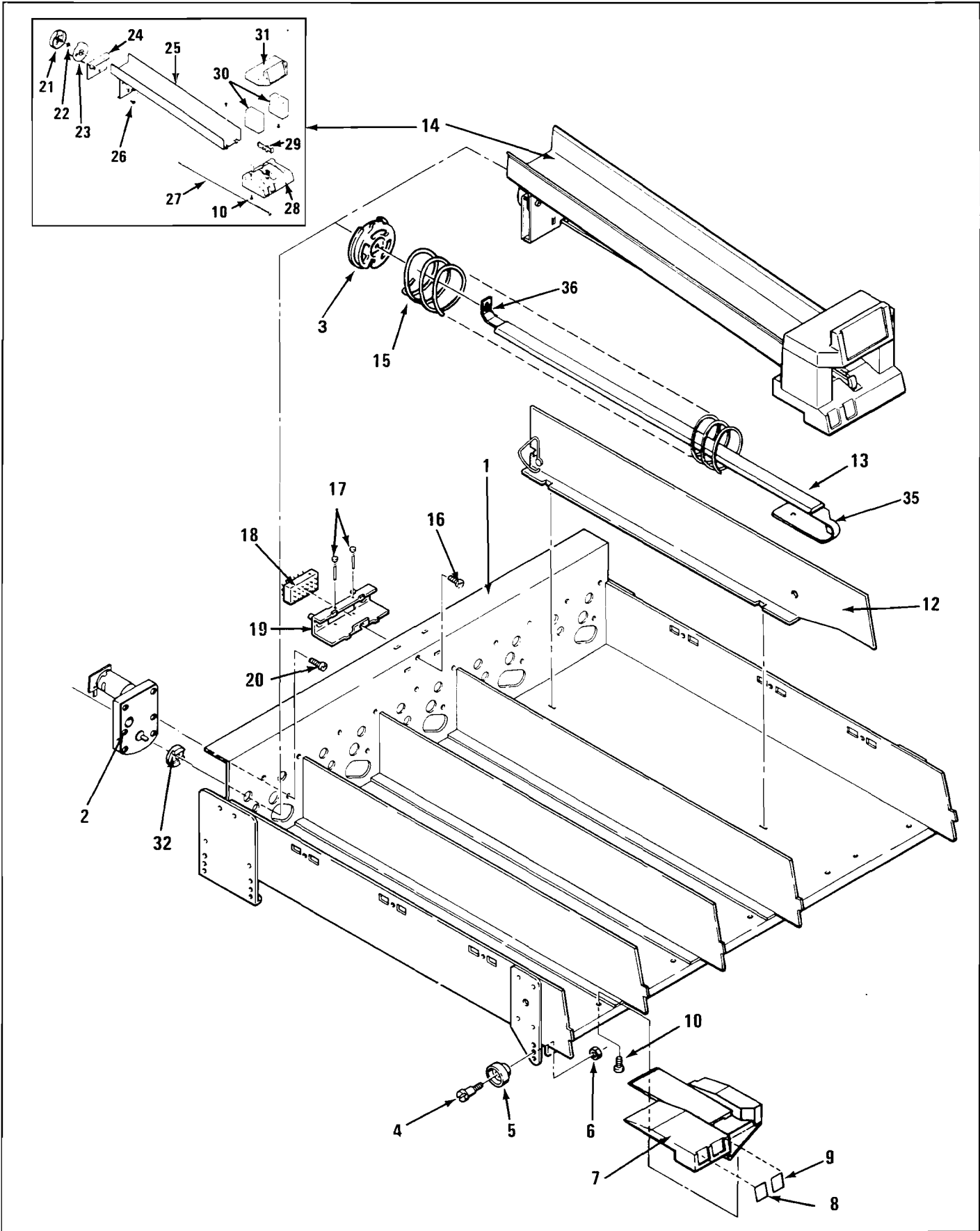
control panel



Item No.	Part No.	Description
1	600439	Control Panel Only.
2	201461	Control Board Cover.
3	276-8R6	Screw, Pan Hd. #23 Phillips (8-32 x 3/8).
	276-8R8	Screw, Pan Hd. Type 23 Phil. (#8 x 1/2) (Use With Bill Validator).
4	460357	Control Board Decal.
5	360109	Main Control Power Board.
6	201457	Power Board Cover.
	460360	Decal "Caution" High Voltage.
7	437-41	Nut, Keps. (1/4 x 28).
8	440277	Shelf Roller.
9	300137	Screw, Shelf Roller.
10	750115-2	Main Control Board only.
	750115-3	Control Board with Digital.
	360112	Main Control Board, Export Only.
	360111	Control Boards, 4 pcs., Export Only.
11	680303	Cabinet Harness. Assembly Complete. 5 Shelf.
	680304	Cabinet Harness. Assembly Complete. 6 Shelf.
12	380078	Tie Wrap Harness.
13	680309	Coinco Changer Hook-Up Harness.
14	201130	Changer Plug Mounting Bracket.
15	680308	Mars Changer Hook-Up Harness.
	680319	Mars Changer Hook-Up Harness, Export Only.
16	420096	Harness Clamp.
17	600422	Assembly Coin Inlet Chute.
18	400034	Spring.
19	751-25	Retaining Ring.
20	201459	Return Button Link.
	460374	Decal, Return Button Link (not shown).
21	201401	Coin Return Bracket.
22	660323	Coin Return Button with Decal.
23	460356	Decal Only.
24	600423	Assembly, Coin Cup Chute.
25	420097	Harness Clamp.

Item No.	Part No.	Description
26	660333	Kit, to mount all Brackets for Validators with Decals.
	201418	Dollar Filler Plate. For Use Without Dollar Acceptors.
27	640126	Bracket, Dollar Acceptor Mounting (Ardac only).
28	201517	Bracket, Dollar Acceptor Mounting. Upper
	201518	Bracket, Dollar Acceptor Mounting. Lower
	201433	Bracket, Dollar Acceptor Mounting. (Mars Only).
29	420144	Ferrule.
30	640124	Control Panel Front Only.
31	660266-1	Assembly, Selector Switch Panel.
32	460358	Decal, Dollar. For use with Ardac Dollar Acceptor Only.
	460359	Decal, Use with No Dollar Acceptor.
	460361	Decal, Dollar. For use with Mars Dollar Acceptor Only.
33	320054	Trim, Button and Coin Entrance.
34	440279	Coin Entry Trim.
	460362	Coin's Decal. (not shown).
	460363	Coin Decal.
35	440225	Selector Button.
36	440275	Glass Coin Instruction. 5¢, 10¢, 25¢ - \$1.00.
	440276	Glass Coin Instruction. 5¢, 10¢ - 25¢.
	440283	Glass Coin Instruction, England.
	440286	Glass Coin Instruction, Australia.
	440319	Glass Coin Instruction, German.
	440323	Glass Coin Instruction, Dutch.
37	380240	Dollar Light, "Empty".
38	380239	Door Operate Mode Switch.
39	600-8	Washer (No. 8).
40	660289	Assembly, Plastic Coin Chute.
	600459	Assembly, Metal Coin Chute.
41	360106	Digital Display Board.
	360097	Connector Ribbon (not shown).
42	438-8	Nut Hex (8-32).
43	680307	Harness, Selector Switch.
44	300168	Screw, Changer Mounting.
45	420095	Control Board Stand-offs.
46	200816	Bracket, Roller Channel Stop.
47	201466	Control Panel Front Stiffener.

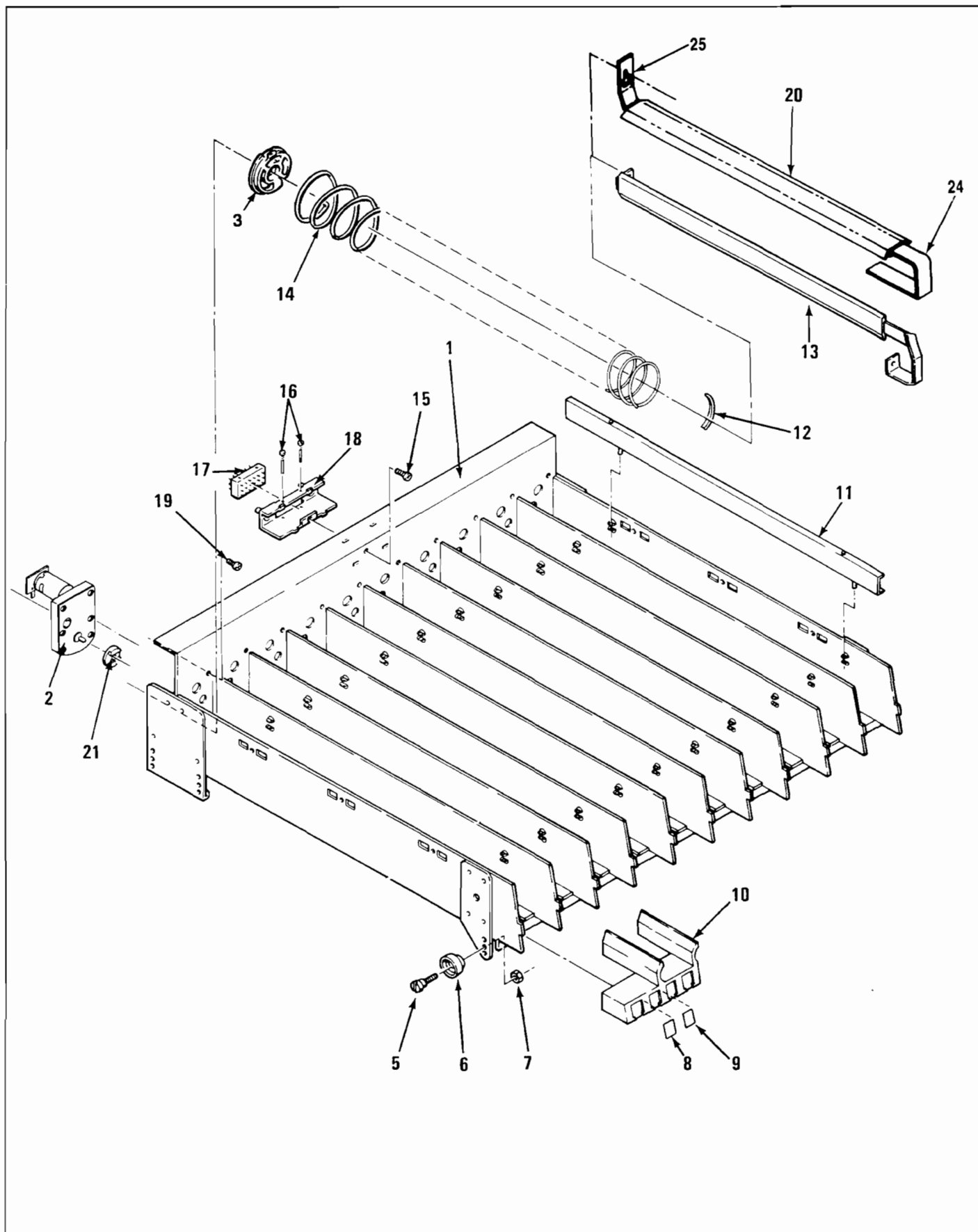
snack shelf



Item No.	Part No.	Description
1	750121	Assembly Complete. Snack Shelf. w/o Spirals.
	600240-2	Snack Shelf Only.
2	750106	Vend Motor Complete.
3	440287	Spiral Lock
4	300137	Screw, Shelf Roller.
5	440277	Roller, Shelf.
6	437-41	Nut, Keps. (1/4 - 28).
7	440285	Price and Selection Tab Holder.
8	460346	Item Tabs.
9	460347	Price Tabs. Assorted 10¢ - \$1.50.
	460347-1	Price Tabs. All 30¢ - 35¢.
	460347-2	Price Tabs. All 40¢ - 45¢.
	460347-3	Price Tabs. All 50¢ - 55¢.
	460347-4	Price Tabs. All 60¢ - 65¢.
	460347-5	Price Tabs. All 70¢ - 75¢.
	460347-6	Price Tabs. All 80¢ - 85¢.
	460347-7	Price Tabs. All 90¢ - 95¢.
	460347-8	Price Tabs. All \$1.00 - \$1.05.
	460347-9	Price Tabs. All \$1.10 - \$1.15.
	460347-10	Price Tabs. All \$1.20 - \$1.25.
	460347-11	Price Tabs. All \$1.30 - \$1.35.
	460347-12	Price Tabs. All \$1.40 - \$1.45.
	460347-13	Price Tabs. All \$1.50 - \$1.55.
	460347-14	Price Tabs. All \$1.60 - \$1.65.
	460347-15	Price Tabs. All \$1.70 - \$1.75.
	460347-16	Price Tabs. All \$1.80 - \$1.85.
	460347-17	Price Tabs. All \$1.90 - \$1.95.
	460347-18	Price Tabs. All \$2.00 - \$2.05.
	460347-19	Price Tabs All \$2.10 - \$2.15.
	460347-20	Price Tabs All \$2.20 - \$2.25.
	460347-21	Price Tabs All \$2.30 - \$2.35.
	460347-22	Price Tabs All \$2.40 - \$2.45.
	460347-23	Price Tabs All \$2.50 - \$2.55.
	460347-24	Price Tabs All \$2.60 - \$2.65.
	460347-25	Price Tabs All \$2.70 - \$2.75.
	460347-26	Price Tabs All \$2.80 - \$2.85.
	460347-27	Price Tabs All \$2.90 - \$2.95.
	460347-28	Price Tabs All \$3.00 - \$3.05.
10	305-8R6	Screw, Pan Hd. Phillips, Plastite (8-16 x 3/8).

Item No.	Part No.	Description
12	640101	Spacer, Snack Shelf.
13	660330-2	Assembly Product Rail. For use w/Pastry Spiral.
	440148-1	Plastic Product Rail Only.
14	750083	Kit, Can Dispenser Assembly.
15	400127	10 Space Snack Spiral.
	400127-1	10 Space Snack Spiral, Chrome.
	400128	12 Space Snack Spiral.
	400128-1	12 Space Snack Spiral, Chrome.
	400129	15 Space Snack Spiral.
	400129-1	15 Space Snack Spiral, Chrome.
	400136	30 Space Snack Spiral.
	400136-1	30 Space Snack Spiral, Chrome.
	400137	40 Space Snack Spiral.
	400137-1	40 Space Snack Spiral, Chrome.
	400153	7 Space Snack Spiral.
	400153-1	7 Space Snack Spiral, Chrome.
	400162	6 Space Snack Spiral.
	400162-1	6 Space Snack Spiral, Chrome.
	400163	18 Space Snack Spiral.
	400163-1	18 Space Snack Spiral, Chorme.
16	276-8R6	Screw, Pan Hd. Self-Tap (8-32 x 3/8).
17	420142	Pin, Shelf Plug.
18	680301	Harness, Complete. Pastry Shelf.
19	600246-1	Bracket Only.
20	305-7R8	Screw, Pan Hd. Phillips, Plastite. (7 x 1/2).
21	440201	Drive Cam. Rear.
22	751-31	Retaining Ring. #31.
23	440200	Drive Cam. Front.
24	640109	Cam, Mounting Brkt. & Spring Assembly.
25	600308	Can Dispenser, Trough Only.
26	300184	Shoulder Bushing.
	277-10R8	Screw, Type 23 (#10-32 x 1/2).
27	400094	Actuator Wire.
28	440196	Price and Selection Trim.
29	440199	Stop Lever.
30	440198	Leg, Top Can Guide & Sign Trim.
31	440197	Top, Can Guide & Sign Trim.
32	440125	Spiral Retainer Only.
35	201534	Front Support Only.
36	200913-1	Rear Support Bracket Only. Use w/Pastry Spiral.
	200913	Rear Support Bracket Only. Use w/Special Candy Spiral.

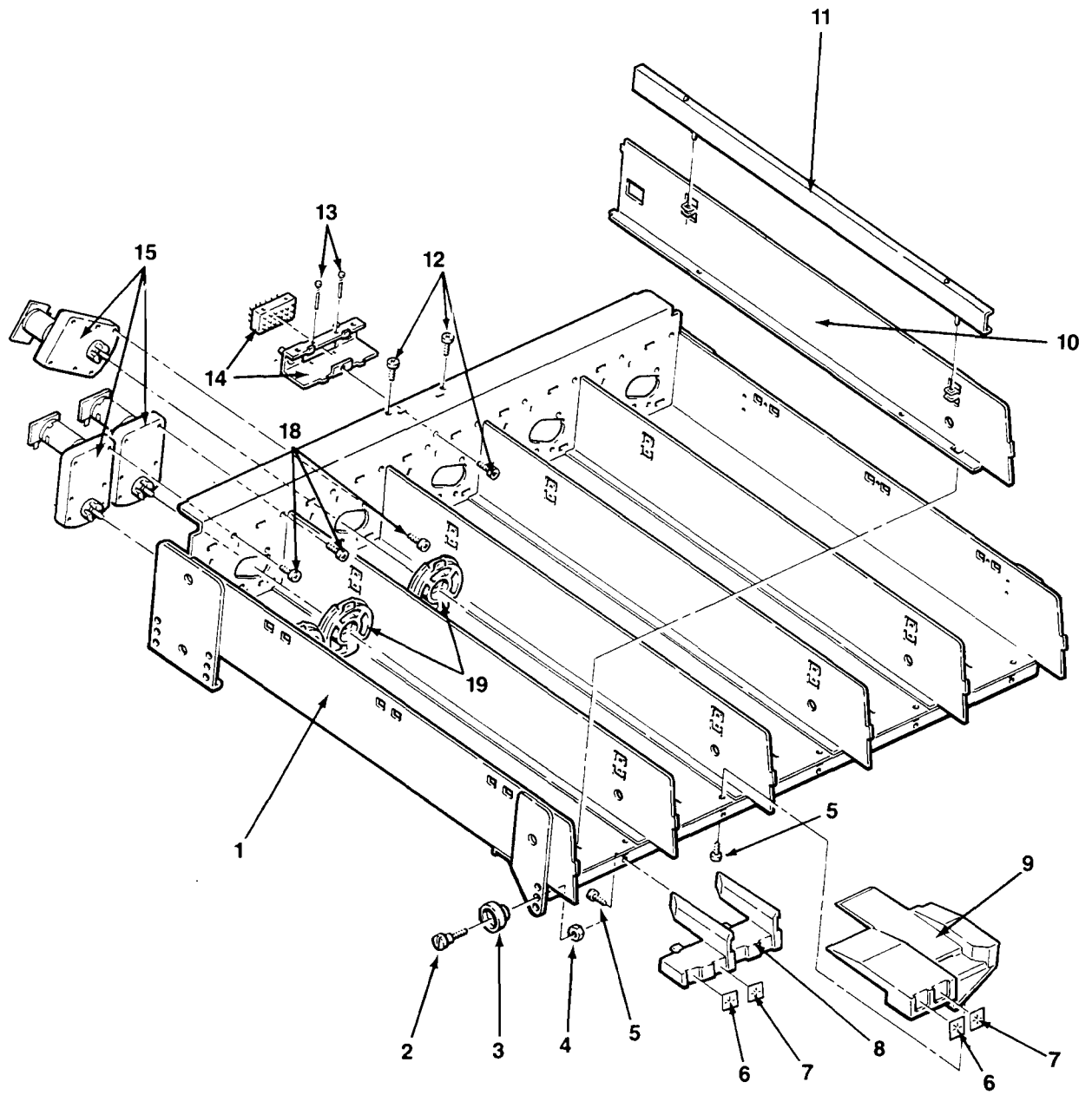
candy shelf



Item No.	Part No.	Description
1	750122	Assembly, Complete. Candy Shelf. w/o Spirals.
	600239-1	Candy Shelf Only.
2	750106	Vend Motor Complete.
	360135	Vend Motor Half Cycle.
3	440287	Spiral Lock
5	300137	Screw, Shelf Roller.
6	440277	Roller, Shelf.
7	437-41	Nut, Keps. (1/4 x 28).
8	460346	Item Tabs.
9	460347	Price Tabs. Assorted 10¢ - \$1.50.
	460347-1	Price Tabs. All 30¢ - 35¢.
	460347-2	Price Tabs. All 40¢ - 45¢.
	460347-3	Price Tabs. All 50¢ - 55¢.
	460347-4	Price Tabs. All 60¢ - 65¢.
	460347-5	Price Tabs. All 70¢ - 75¢.
	460347-6	Price Tabs. All 80¢ - 85¢.
	460347-7	Price Tabs. All 90¢ - 95¢.
	460347-8	Price Tabs. All \$1.00 - \$1.05.
	460347-9	Price Tabs. All \$1.10 - \$1.15.
	460347-10	Price Tabs. All \$1.20 - \$1.25.
	460347-11	Price Tabs. All \$1.30 - \$1.35.
	460347-12	Price Tabs. All \$1.40 - \$1.45.
	460347-13	Price Tabs. All \$1.50 - \$1.55.
	460347-14	Price Tabs. All \$1.60 - \$1.65.
	460347-15	Price Tabs. All \$1.70 - \$1.75.
	460347-16	Price Tabs. All \$1.80 - \$1.85.
	460347-17	Price Tabs. All \$1.90 - \$1.95.
	460347-18	Price Tabs. All \$2.00 - \$2.05.
	460347-19	Price Tabs All \$2.10 - \$2.15.
	460347-20	Price Tabs All \$2.20 - \$2.25.
	460347-21	Price Tabs All \$2.30 - \$2.35.
	460347-22	Price Tabs All \$2.40 - \$2.45.
	460347-23	Price Tabs All \$2.50 - \$2.55.
	460347-24	Price Tabs All \$2.60 - \$2.65.
	460347-25	Price Tabs All \$2.70 - \$2.75.
	460347-26	Price Tabs All \$2.80 - \$2.85.
	460347-27	Price Tabs All \$2.90 - \$2.95.
	460347-28	Price Tabs All \$3.00 - \$3.05.

Item No.	Part No.	Description
10	440262	Price and Selection Tab Holder. Off Set
11	660178	Assembly Candy Spacer.
	660178-4	Assembly Candy Spacer. Export. Use w/Half Cycle Motor.
12	440141-1	Candy Product Pusher.
13	660503	Product Guide Assembly. For use w/Thin Mints.
14	400120	12 Space Candy Spiral.
	400120-1	12 Space Candy Spiral, Chrome.
	400121	15 Space Candy Spiral.
	400121-1	15 Space Candy Spiral, Chrome.
	400122	18 Space Candy Spiral.
	400122-1	18 Space Candy Spiral, Chrome.
	400123	24 Space Candy Spiral.
	400123-1	24 Space Candy Spiral, Chrome.
	400135	30 Space Candy Spiral.
	400135-1	30 Space Candy Spiral, Chrome.
	400138	40 Space Candy Spiral.
	400138-1	40 Space Candy Spiral, Chrome.
	400164	7 Space Candy Spiral.
	400164-1	7 Space Candy Spiral, Chrome.
	400166	9 Space Candy Spiral.
	400166-1	9 Space Candy Spiral, Chrome.
	400167	6 Space Candy Spiral.
	400167-1	6 Space Candy Spiral, Chrome.
	400168	10 Space Candy Spiral.
	400168-1	10 Space Candy Spiral, Chrome.
15	276-8R6	Screw, Pan Hd. Self-Tap (8-32 x 3/8).
16	420142	Pin, Shelf Plug.
17	680299	Harness, Complete. Candy Shelf.
18	600246-1	Bracket Only.
19	305-7R8	Screw, Pan Hd. Phillips Plastite (#7 x 1/2)
20	660191	Assembly Product Rail. For use w/Candy Spiral.
	440148-1	Plastic Product Rail Only.
21	440125	Spiral Retainer Only.
24	201258	Front Support Only.
25	200913	Rear Support Bracket Only.

convertible shelf

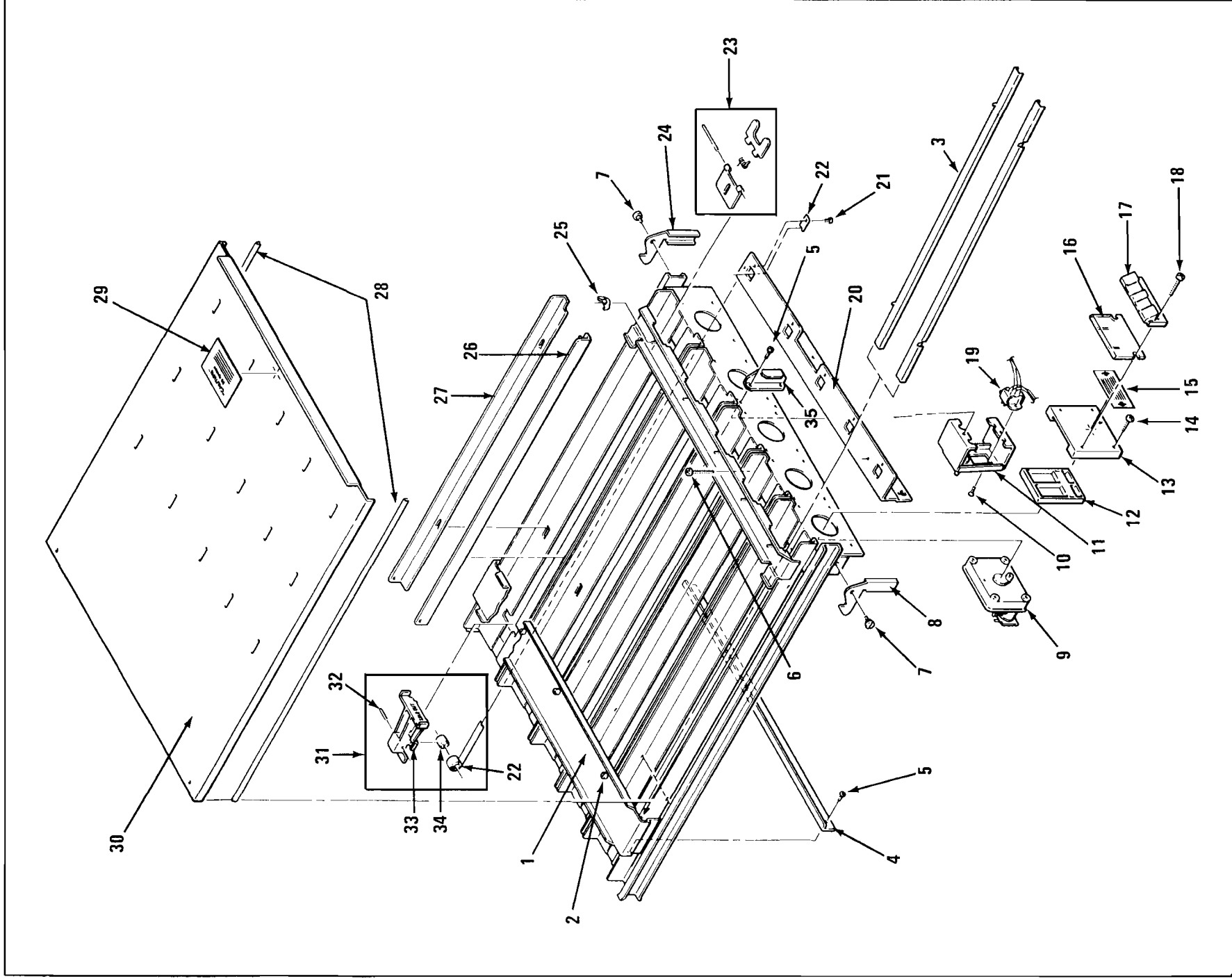


convertible shelf

Item No.	Part No.	Description
1	750147	Assembly Complete. Convertible Shelf. (5 Snack Selections). W/o spirals.
	750147-1	Assembly Complete. Convertible Shelf. (4 Snack Selections and 2 Candy). W/o spirals.
	750147-2	Assembly Complete. Convertible Shelf. (3 Snack Selections and 4 Candy). W/o spirals.
	750147-3	Assembly Complete. Convertible Shelf. (2 Snack Selections and 6 Candy). W/o spirals.
	750147-4	Assembly Complete. Convertible Shelf. (1 Snack Selection and 8 Candy). W/o spirals.
	750147-5	Assembly Complete. Convertible Shelf. (10 Candy Selections).
	600240-2	Convertible Snack Shelf Only.
2	300137	Screw, Shelf Roller.
3	440277	Roller, Shelf.
4	437-41	Nut, Keps (1/4 x 28).
5	305-8R6	Screw Pan Hd. Phillips. Plastite (8-16 x 3/8).
6	460346	Item Tabs.
7	460347	Price Tabs. Assorted 10¢ - \$1.50.
	460347-1	Price Tabs All 30¢ - 35¢.
	460347-2	Price Tabs All 40¢ - 45¢.
	460347-3	Price Tabs All 50¢ - 55¢.
	460347-4	Price Tabs All 60¢ - 65¢.
	460347-5	Price Tabs All 70¢ - 75¢.
	460347-6	Price Tabs All 80¢ - 85¢.
	460347-7	Price Tabs All 90¢ - 95¢.
	460347-8	Price Tabs All \$1.00 - \$1.05.
	460347-9	Price Tabs All \$1.10 - \$1.15.
	460347-10	Price Tabs All \$1.20 - \$1.25.
	460347-11	Price Tabs All \$1.30 - \$1.35.
	460347-12	Price Tabs All \$1.40 - \$1.45.

Item No.	Part No.	Description
	460347-13	Price Tabs All \$1.50 - \$1.55.
	460347-14	Price Tabs All \$1.60 - \$1.65.
	460347-15	Price Tabs All \$1.70 - \$1.75.
	460347-16	Price Tabs All \$1.80 - \$1.85.
	460347-17	Price Tabs All \$1.90 - \$1.95.
	460347-18	Price Tabs All \$2.00 - \$2.05.
	460347-19	Price Tabs All \$2.10 - \$2.15.
	460347-20	Price Tabs All \$2.20 - \$2.25.
	460347-21	Price Tabs All \$2.30 - \$2.35.
	460347-22	Price Tabs All \$2.40 - \$2.45.
	460347-23	Price Tabs All \$2.50 - \$2.55.
	460347-24	Price Tabs All \$2.60 - \$2.65.
	460347-25	Price Tabs All \$2.70 - \$2.75.
	460347-26	Price Tabs All \$2.80 - \$2.85.
	460347-27	Price Tabs All \$2.90 - \$2.95.
	460347-28	Price Tabs All \$3.00 - \$3.05.
8	440262	Price and Selection Tab Holder, Offset Candy. (Please see Page 31 Item #14 for Candy Spirals).
9	440285	Price and Selection Tab Holder, Snack. (Please see Page 29 Item #15 for Snack Spirals).
10	200753-2	Shelf Divider. Candy.
11	660178	Assembly Candy Spacer.
12	276-8R6	Screw Pan Hd. Self-Tap (8-32 x 3/8).
13	420142	Pin, Shelf Plug.
14	660337	Harness, Candy Shelf with Plug Bracket.
15	750106	Vend Motor Complete.
18	305-7R8	Screw, Pan Hd. Phillips, Plastite (7 x 1/2).
19	440287	Spiral Lock.

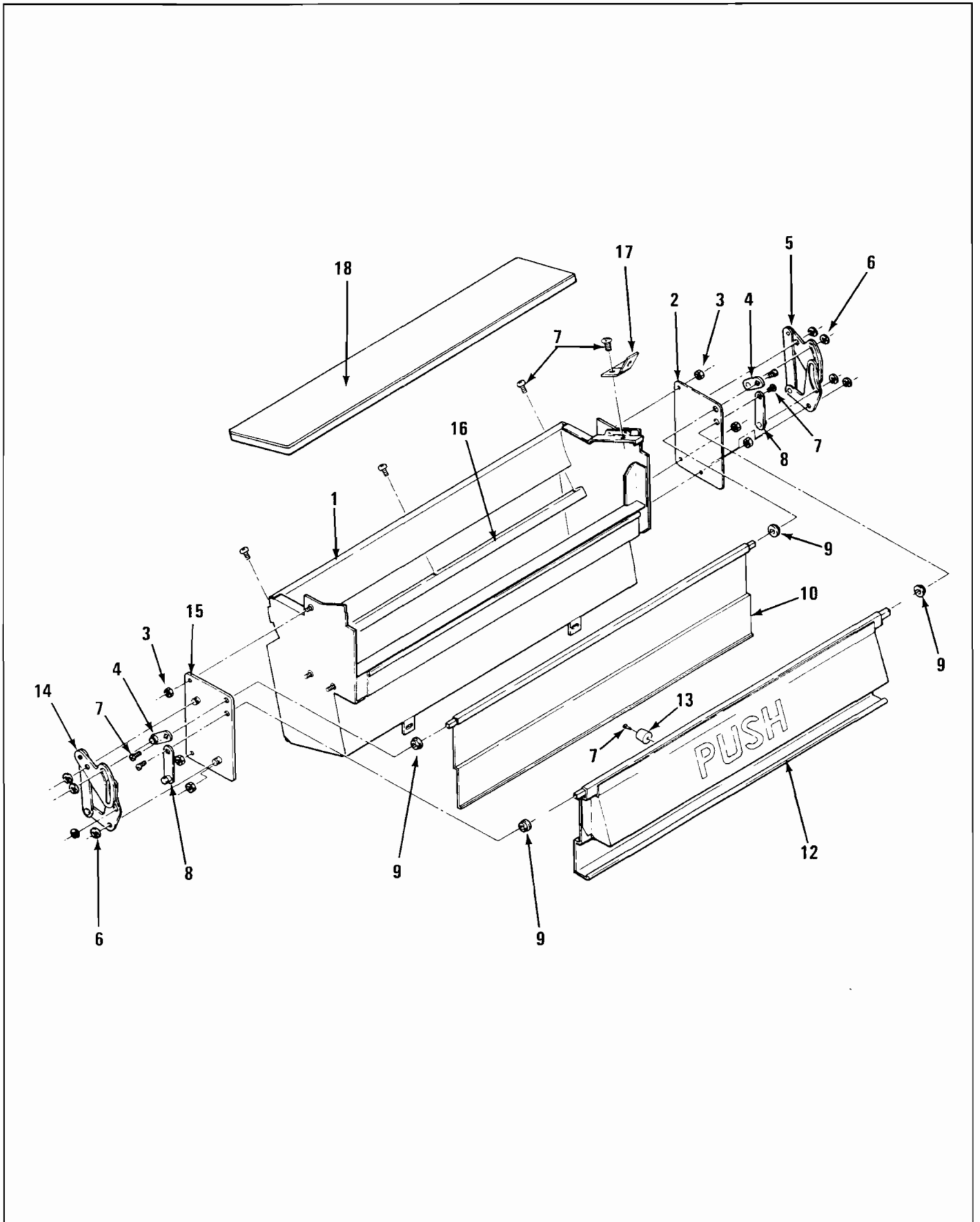
gum & mint shelf



Item No.	Part No.	Description
1	660316 660316-2	Assembly Complete. Gum & Mint Shelf. Assembly Complete. Gum & Mint Shelf, Export Only
	600420 600460	Gum and Mint Shelf Only. Gum and Mint Shelf Only, Export.
2	420040-9	Snap Bushing and Hole Plug.
3	201412	Thin Mint Adapter (2 per selection).
4	201458 201458-2	Gum and Mint Rear Pusher Stop. Gum and Mint Rear Pusher Stop, Export Only.
5	276-8R6	Screw, Pan Hd. Self-Tap Phillips (8-32 x 3/8).
6	217-8R22	Screw, Pan Hd. Phillips Type AB (1-3/8).
7	300184 277-10R8	Shoulder Bushing. Screw Type 23 (#10-32 x 1/2).
8	201454-1	Gum and Mint Shelf Latch. Left Side.
9	360105	Gum and Mint Motor.
10	420089	Screw, 100° Flat Hd. (6-32 x 1/2).
11	600427	Gum and Mint Plug Mounting Bracket.
12	440267	Ejector, Gum and Mint.
13	440266	Gum and Mint Shelf Front Base.
14	305-7R16	Screw, Pan Hd. Plastite (#7 x 1).
15	460352	Decal, Gum and Mint Shelf Latch.
16	440270	Display Stop. Gum and Mint Column Front.
17	440273	Gum and Mint Shelf Front.

Item No.	Part No.	Description
18	305-7R22	Screw, Pan Hd. Plastite (#7 x 1-3/8).
19	680305 380229 660340-1 680322	Harness, Gum and Mint Shelf. Gum and Mint Shelf Plug Only. Harness G & M Shelf & Bracket, Export Only. Harness Only. Export.
20	201414 201527	Strap, Gum and Mint Pusher Stop. G & M Pusher Stop Strap, Export Only.
21	262-6R5	Screw, Flat Hd. Phil. Type 23 (6-32 x 5/16).
22	400106	Spring, Gum and Mint Pusher Return.
23	660314 660314-1	Assembly, Complete Gum and Mint Display Hinge. Assembly, Complete Gum and Mint Display Hinge, Export Only.
24	201454	Gum and Mint Shelf Latch. Right Side.
25	420023	Wing Nut (8-32).
26	201411-1	Column Spacer, Left.
27	201411	Column Spacer, Right.
28	420296	Shelf Grommet. (NGS #1 22).
29	460351	Decal Caution. Gum and Mint Shelf.
30	201409 201530	Cover Gum and Mint Shelf. Cover Gum and Mint Shelf, Export Only.
31	660313	Assembly, Complete. Gum and Mint Pusher and Spring.
32	801C-125-12	Roll Pin (1/8 x 3/4).
33	440265	Pusher Only.
34	440274	Roller, Gum, and Mint Pusher.
35	201691	Shelf Closer.

delivery bin



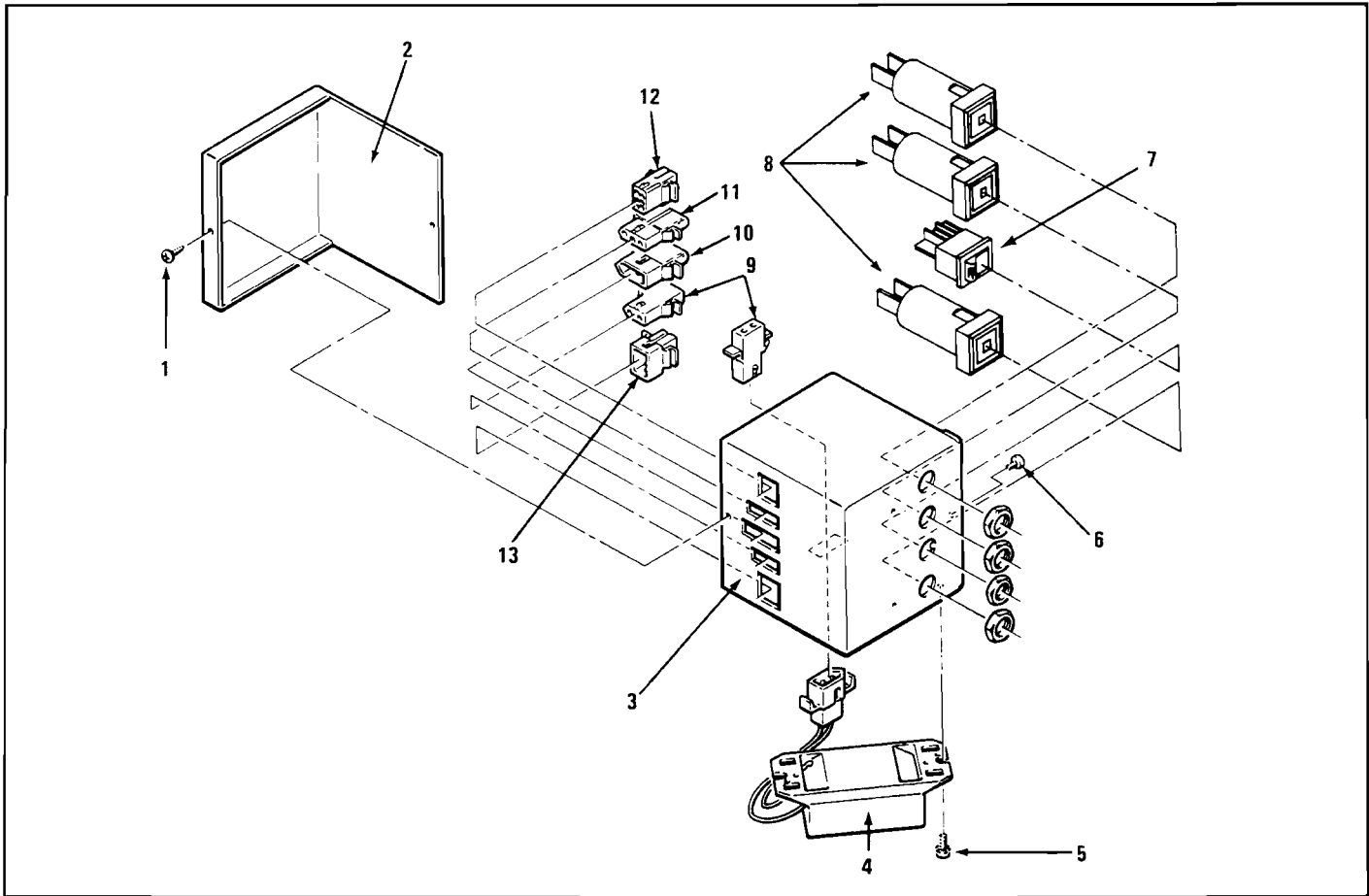
Item No.	Part No.	Description
1	660310	Delivery Bin Assembly. Complete.
2	600407	Delivery Bin.
	750161-1	Assembly Complete.
		Delivery Bin End (Lock Side).
3	640099	Arm Mounting Bracket (Lock Side).
4	438-8	Nut, Keps. No. 8-32.
5	640098	Inner Door Bin Arm.
6	640100	Bin Door Drive Assembly (Lock Side).
7	751-37	Retaining Ring No. 37.
8	276-8R6	Screw, Pan Hd. Phillips. Self Tap. No. 8-32 x 3/8".
	640097	Door Drive Arm.

Item No.	Part No.	Description
9	440129	Door Bearing.
10	200763	Inner Door.
12	600258	Door, Delivery Bin.
13	420029	Rubber Bumper.
14	640100-1	Bin Door Drive Assembly (Pivot Side).
15	750161	Assembly Complete. Delivery Bin End (Rivot Side).
	640099-1	Arm Mounting Bracket. (Pivot Side).
16	200902	Baffle, Rear Delivery Bin.
17	200906	Delivery Bin Anchor Strap.
18	660238	Delivery Bin Pad Assembly for Can Dispenser.

main junction box

Item No.	Part No.	Description
1	200-6R6	Screw, Rd. Hd. Phillips (6 - 18 x 3/8).
2	201189	Cover, Ballast and Switch Bracket.
3	680270-3	Assembly Complete. Main Junction Box.
	680270-4	Assembly Complete. Main Junction Box. Export.
	680270-5	Assembly Complete. Main Junction Box. Germany & Holland.
4	680278	Assembly Complete. Ballast. 19-25 Watt.
	680374	Assembly Complete. Ballast. Export.
	680374	Assembly Complete. Germany & Holland
5	276-8R4B	Screw, Pan Hd. Phillips Type 23. (6 - 32 x 1/4).

Item No.	Part No.	Description
6	276-6R4	Screw, Pan Hd. Phillips Type 23. (6 - 32 x 1/4).
7	380243	Toggle Switch.
8	380241	Circuit Breaker 3 Amp.
9	380189	Molex Receptacle. 2 Pin.
10	380034	Molex Plug. 3 Pin.
11	380035	Molex Receptacle. 3 Pin.
12	380107	Molex Receptacle. 6 Pin.
13	380106	Molex Plug. 6 Pin.
	680312	Harness, Under Shelf (not shown).
	380269	Capacitor .1 uf (not shown).

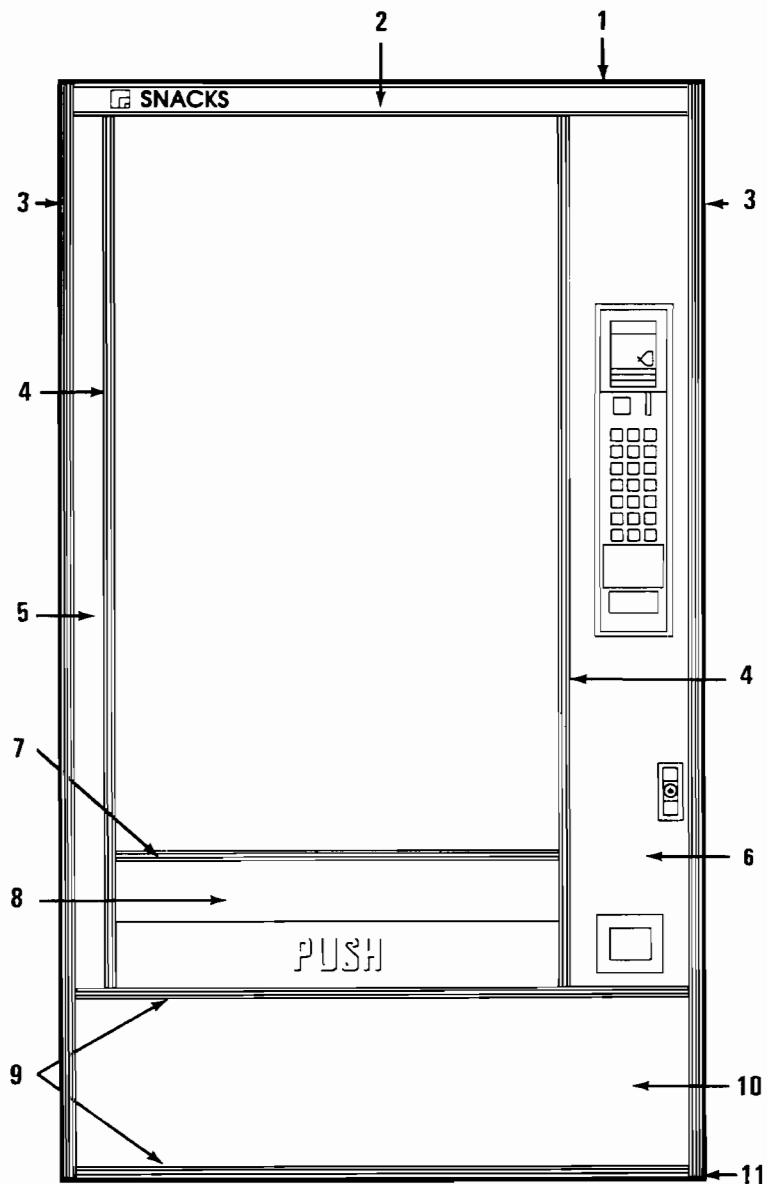


electrical harnesses

Part No.	Description
360086	Cord Set
660240-1	Assembly Complete. Cord Set.
680139-4	Light Cord Harness—Door to Cabinet (Long).
680305	Harness, Gum and Mint Shelf.
680299	Harness, Candy Shelf.
680301	Harness, Pastry Shelf.
680315	Harness, Mars Validator Hook-Up.
360097	Harness, Ribbon Connector to Digital Display.
680303	Cabinet Back Harness (7500) 5 Shelves.

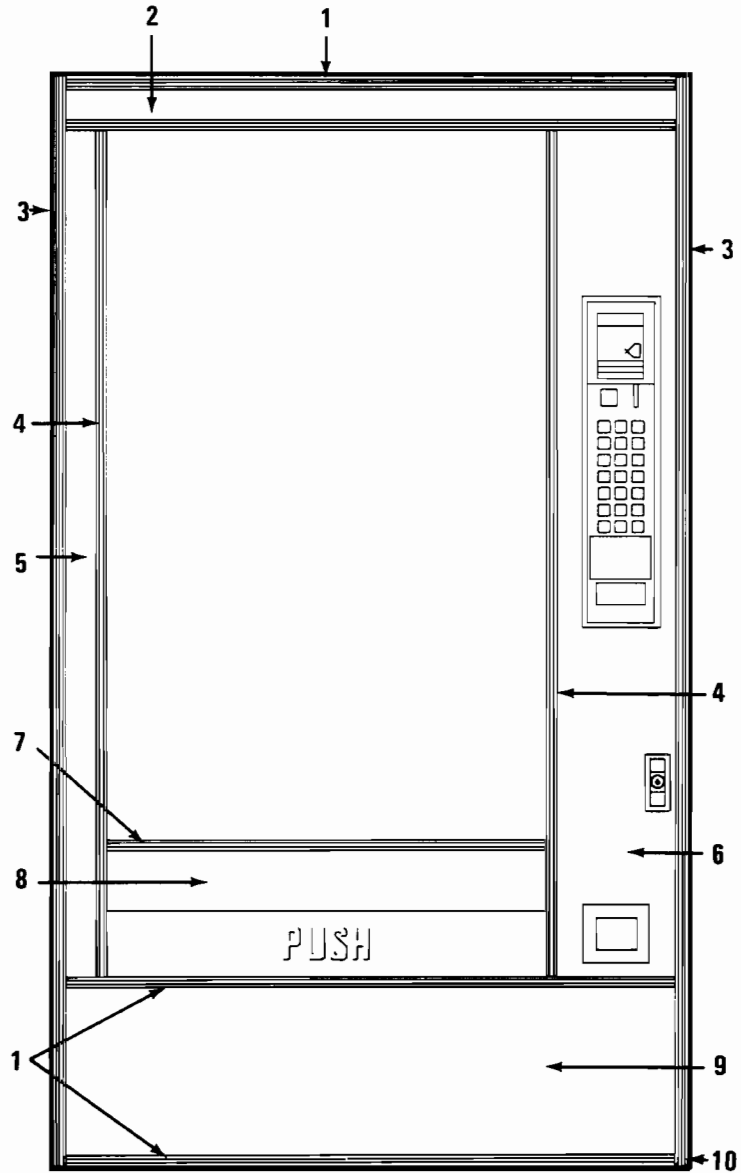
Part No.	Description
680304	Cabinet Back Harness (7600) 6 Shelves.
680309	Harness, Coinco Changer Hook-Up.
680308	Harness, Mars Changer Hook-Up.
680307	Harness, Selector Switch Panel.
680275	Fan Cord. Harness.
680138	Assembly Lamp Harness.
680310	Harness, Operate Switch.
680312	Harness, Under Shelf.

Item No.	Part No.	Description
1	340044-5	Trim, Top, For use w/Vinyl Insert.
2	440258-2	Insert Top Trim "Snacks".
	440258-3	Insert Top Trim "Cigarettes"
3	340057	Trim, Outside Vertical. (Right or Left).
4	340058-2	Trim, Inside Vertical. (Right or Left).
5		PANEL, LEFT SIDE VERTICAL
	200792-26	Presidential Walnut, Vinyl.
	200792-58	Regency Walnut, Vinyl.
	200792-113	Kashmire Walnut, Vinyl.
	200792-29	Honeytone Teak, Vinyl.
	200792-30	Spanish Oak, Vinyl.
	200792-31	Imperial Rosewood, Vinyl.
	200792-33	Painted, Specify Color.
6		PANEL RIGHT SIDE VERTICAL
	201357	Presidential Walnut, Vinyl.
	201357-54	Regency Walnut, Vinyl.
	201357-44	Kashmire Walnut, Vinyl.
	201357-3	Honeytone Teak, Vinyl.
	201357-4	Spanish Oak, Vinyl.
	201357-5	Imperial Rosewood, Vinyl.
	201357-7	Painted, Specify Color.
7	340058	Trim, Inside Horizontal.
8		PANEL DELIVERY TRAY
	201356	Presidential Walnut, Vinyl.
	201356-31	Regency Walnut, Vinyl.
	201356-32	Kashmire Walnut, Vinyl.
	201356-3	Honeytone Teak, Vinyl.
	201356-4	Spanish Oak, Vinyl.
	201356-5	Imperial Rosewood, Vinyl.
	201356-6	Painted, Specify Color.
9	340055-3	Trim, Inside Horizontal.
10		PANEL, LOWER HORIZONTAL.
	200296-36	Presidential Walnut, Vinyl.
	200296-37	Regency Walnut Vinyl.
	200296-38	Kashmire Walnut Vinyl.
	200296-39	Honeytone Teak Vinyl.
	200296-40	Spanish Oak Vinyl.
	200296-41	Imperial Rosewood Vinyl.
	200296-42	Painted, Specify Color.
11	600428	Door Only, Specify Color.

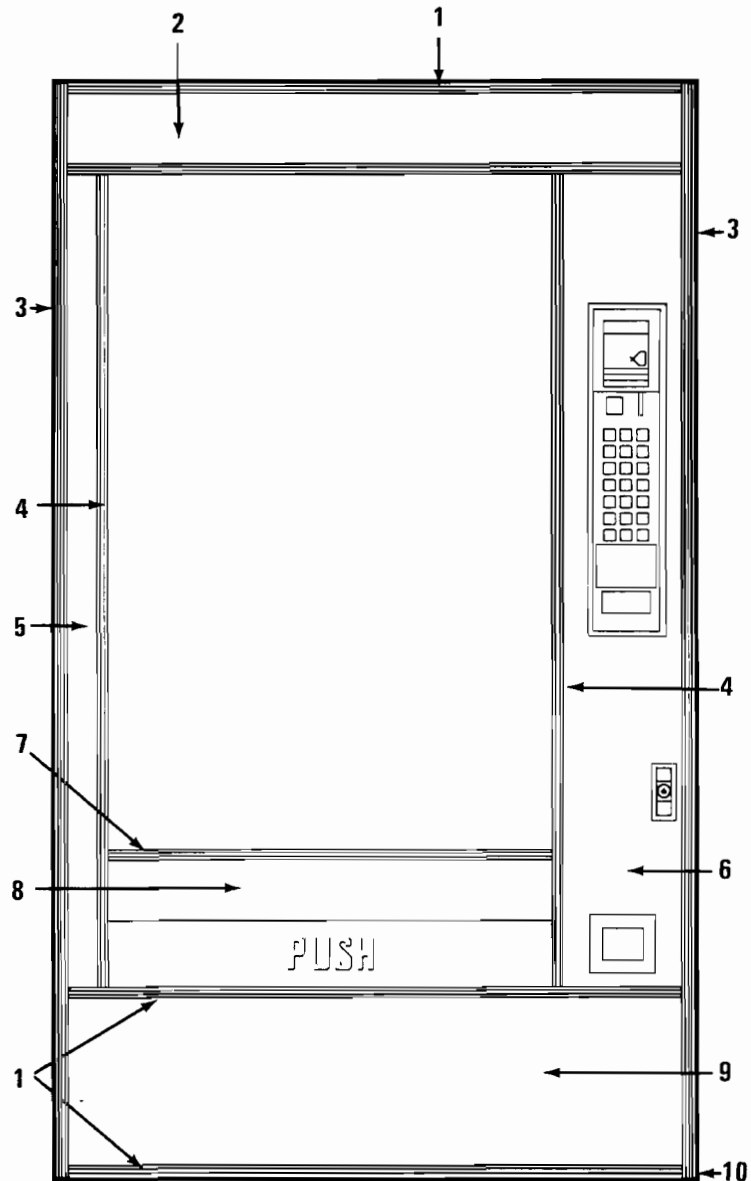


cover-up plate 3

Item No.	Part No.	Description
1	660231-3	Trim, Horizontal w/Black Stripe.
2		Panel, Coverplate 3"
	201417	Presidential Walnut, Vinyl.
	201417-4	Regency Walnut, Vinyl.
	201417-5	Honeytone Teak, Vinyl.
	201417-6	Painted, Specify Color.
3	340057	Trim, Outside Vertical. (Right or Left).
4	340058-4	Trim, Inside Vertical. (Right or Left).
5		Panel, Left Side Vertical.
	200792-54	Presidential Walnut, Vinyl.
	200792-108	Regency Walnut, Vinyl.
	200792-59	Honeytone Teak, Vinyl.
	200792-60	Paint, Specify Color.
	200792-55	Port au Prince, Vinyl.
6		Panel, Right Side Vertical.
	201357-28	Presidential Walnut, Vinyl.
	201357-32	Regency Walnut, Vinyl.
	201357-33	Honeytone Teak, Vinyl.
	201357-34	Painted, Specify Color.
	201357-29	Port au Prince, Vinyl.
7	340058	Trim, Inside Horizontal.
8		Panel, Delivery Tray.
	201356	Presidential Walnut, Vinyl.
	201356-31	Regency Walnut, Vinyl.
	201356-3	Honeytone Teak, Vinyl.
	201356-6	Painted, Specify Color.
9		Panel, Lower Horizontal.
	200296-36	Presidential Walnut, Vinyl.
	200296-37	Regency Walnut, Vinyl.
	200296-39	Honeytone Teak, Vinyl.
	200296-42	Painted, Specify Color.
10	600428	Door Only, Specify Color.

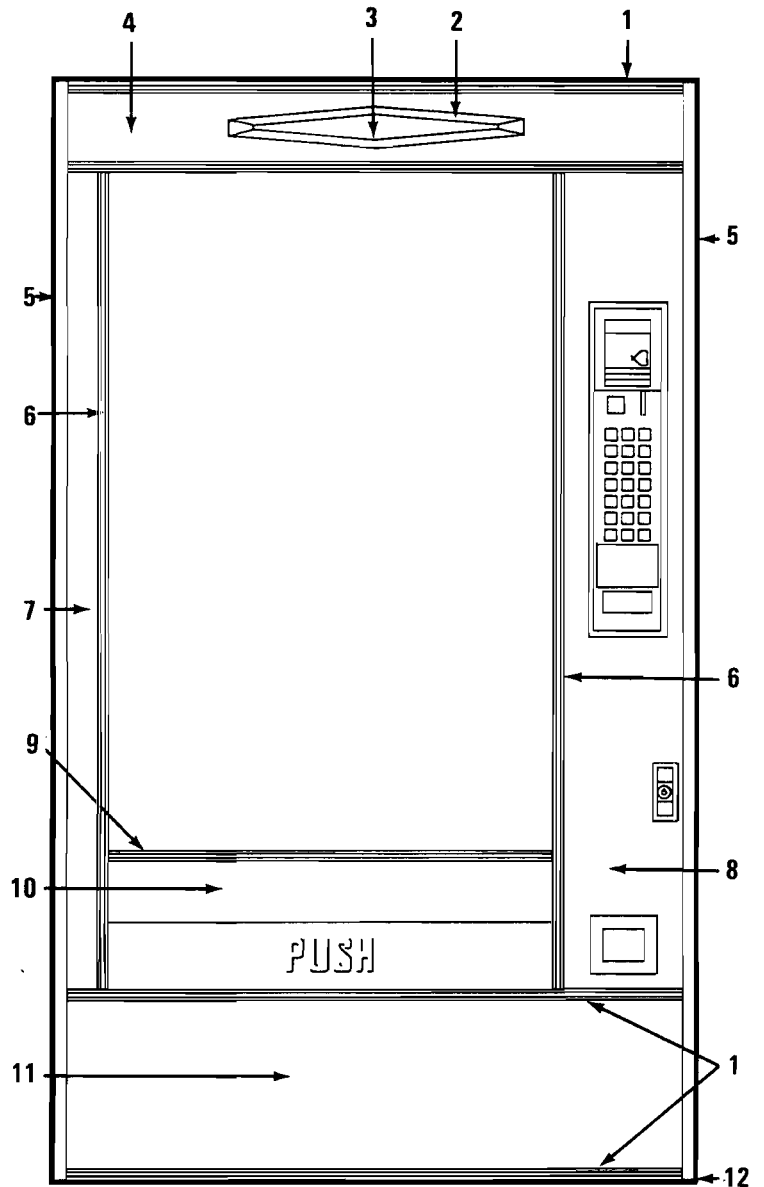


Item No.	Part No.	Description
1	660231-3	Trim, Horizontal w/Black Stripe.
2		Panel, Cover Plate 5"
	200922-2	Presidential Walnut, Vinyl.
	200922-3	Regency Walnut, Vinyl.
	200922-4	Honeytone Teak, Vinyl.
	200922-6	Painted, Specify Color.
3	340057	Trim, Outside Vertical. (Right or Left).
4	340058-3	Trim, Inside Vertical. (Right or Left).
5		Panel, Left Side Vertical.
	200792-44	Presidential Walnut, Vinyl.
	200792-45	Regency Walnut, Vinyl.
	200792-46	Honeytone Teak, Vinyl.
	200792-48	Painted, Specify Color.
6		Panel, Right Side Vertical.
	201357-18	Presidential Walnut, Vinyl.
	201357-19	Regency Walnut, Vinyl.
	201357-20	Honeytone Teak, Vinyl.
	201357-22	Painted, Specify Color.
7	340058	Trim, Inside Horizontal.
8		Panel, Delivery Tray.
	201356	Presidential Walnut, Vinyl.
	201356-31	Regency Walnut, Vinyl.
	201356-3	Honeytone Teak, Vinyl.
	201356-6	Painted, Specify Color.
9		Panel, Lower Horizontal.
	200296-36	Presidential Walnut, Vinyl.
	200296-37	Regency Walnut, Vinyl.
	200296-39	Honeytone Teak, Vinyl.
	200296-42	Painted, Specify Color.
10	600428	Door Only. Specify Color.

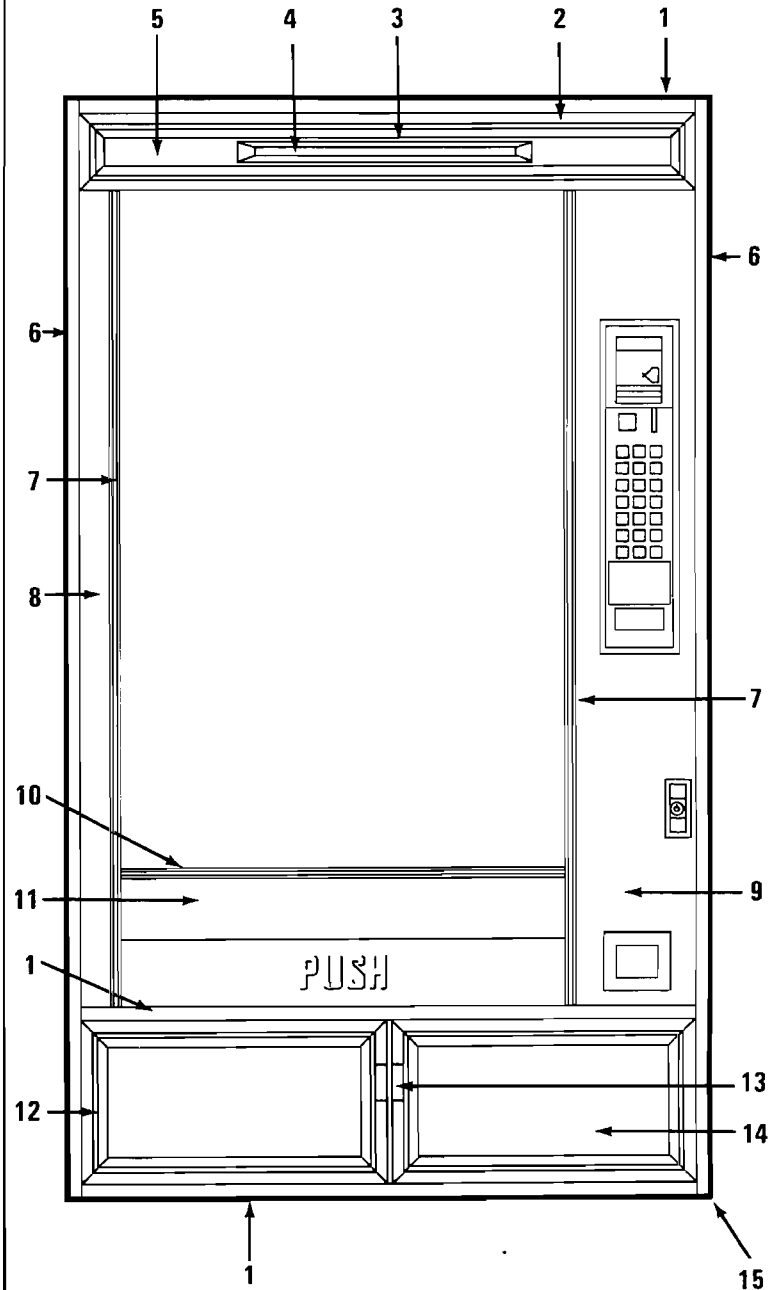


imperial I style

Item No.	Part No.	Description
1	660231-3	Trim, Outside Horizontal with Black Stripe. (Right or Left).
2	440159	Frame, Plastic.
	211-8R4	Screw, Trus Hd. Phillips Type B (#8 x 1/4).
3	440154	Panel, Insert.
4	200922-7	Panel, Decorative. Presidential Walnut, Vinyl.
5	340057	Trim, Outside Vertical. (Right or Left).
6	340058-3	Trim, Inside Vertical. (Right or Left).
7		Panel, Left Side Vertical.
	200792-44	Presidential Walnut, Vinyl.
	200792-47	Burlap, Vinyl.
8		Panel, Right Side Vertical
	201357-18	Presidential Walnut, Vinyl.
	201357-21	Burlap, Vinyl.
9	340058	Trim, Inside Horizontal.
10		Panel, Delivery Tray.
	201356	Presidential Walnut, Vinyl.
11		Panel, Lower Horizontal.
	200296-36	Presidential Walnut, Vinyl.
12	600428	Door Only, Specify Color.



Item No.	Part No.	Description
1	660231-1	Trim, Outside Horizontal, Bronze, with Black Stripe.
2	660334-2	Frame, Top Trim.
3	440169	Frame, Top Inner.
4	440174	Frame, Top Inner, Insert.
5	201015	Panel, Top, Cane.
6	340057-1	Trim, Outside Vertical Bronze. (Right or Left).
7	340058-11	Trim, Inside Vertical Bronze. (Right or Left).
8	200792-44	Panel, Left Side Vertical. Presidential Walnut, Vinyl.
9	201357-18	Panel, Right Side Vertical. Presidential Walnut, Vinyl.
10	340058-9	Trim, Inside Horizontal, Bronze.
11	201356	Panel, Delivery Tray. Presidential Walnut, Vinyl.
12	660334-10	Frame, Bottom.
	201-6R5	Screw, Rd. Hd. Phillips (6-18 x 5/16).
	211-6R6	Screw, Truss Hd. Type B (#6-18 x 3/8).
	201-6R7	Screw, Rd. Hd. Phillips (#6-18 x 7/16).
	211-8R4	Screw, Truss Hd. Type A (8 x 1/4).
	420101	Nut, Pal, Plastic Boss.
13	460237	Handle, Decal.
14	201203	Panel, Lower Horizontal (Cane).
15	600430	Door Only, Specify Color.

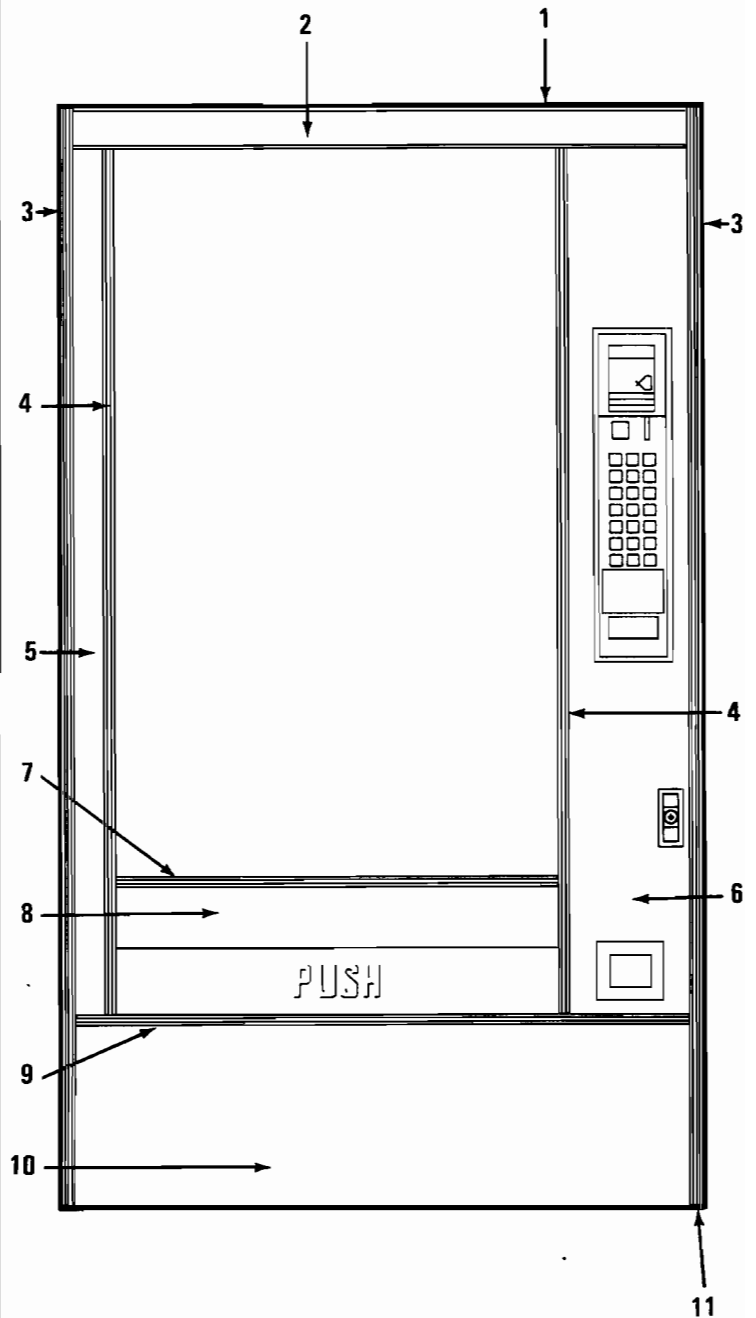


award style

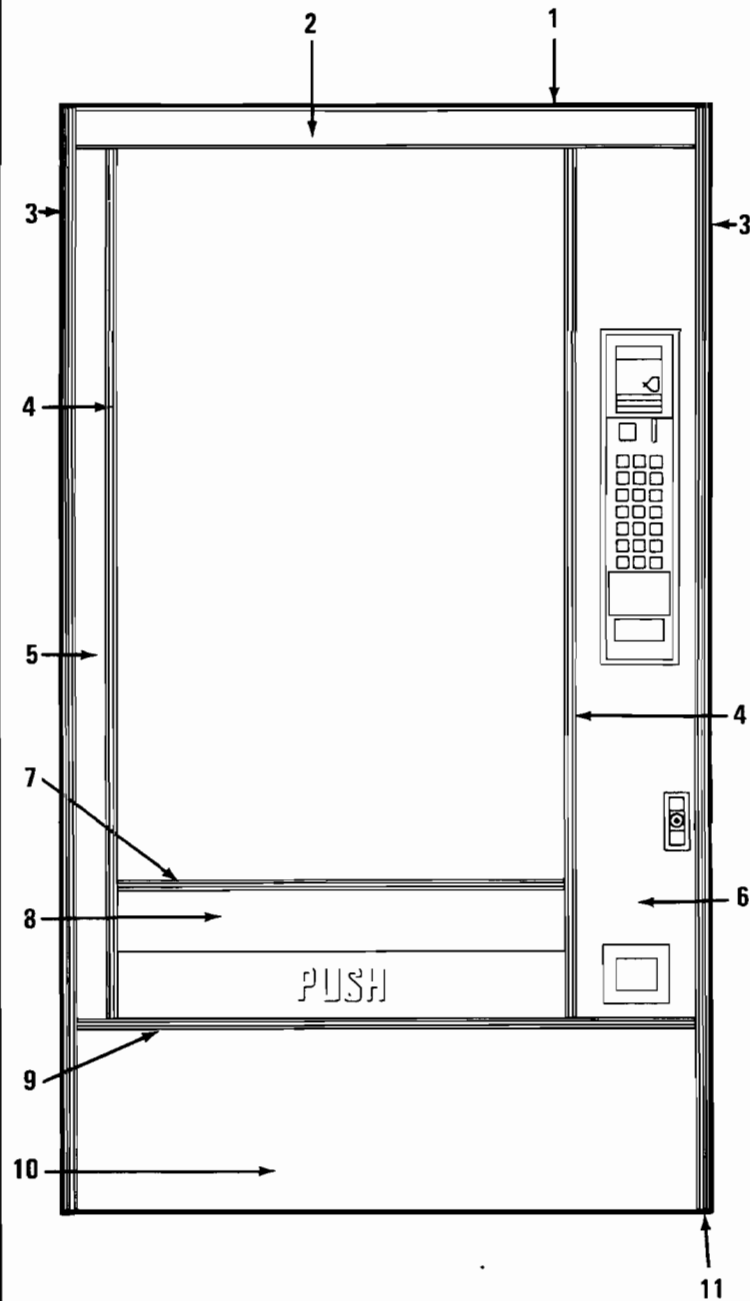
Item No.	Part No.	Description
1	340042-8	Trim Top Only. Use with vinyl inserts.
2		Vinyl Insert, Top Only.
	200526	Imperial Rosewood, Vinyl.
	200526-4	Honeytone Teak, Vinyl.
3	660231-20	Trim, Outside Vertical with Black Stripe (Right or Left).
4	340058-6	Trim, Inside Vertical. Black. (Right or Left).
5		Panel, Left Side Vertical.
	200792-31	Imperial Rosewood, Vinyl.
	200792-29	Honeytone Teak, Vinyl.
6		Panel, Right Side Vertical.
	201357-39	Gray Vinyl.
7	340058-5	Trim, Inside Horizontal (Black.)
8		Panel, Delivery Tray.
	201356-5	Imperial Rosewood, Vinyl.
	201356-3	Honeytone Teak, Vinyl.
9	340055-9	Trim, Inside Horizontal.
10		Panel, Lower Horizontal.
	201692-5	Imperial Rosewood, Vinyl.
	201692-3	Honeytone Teak, Vinyl.
	201678	Bottom Vinyl Door Edging (Not Shown)
	420186	Screw, HWH Drill pt Blk Zn (6 - 20 x 1/2), Qty. 5.
11	600428	Door Only, Specify Color.

award II style

Item No.	Part No.	Description
1	340042-8	Trim, Top. Use w/Vinyl Inserts.
2		Vinyl Insert, Top Only.
	200526	Imperial Rosewood, Vinyl.
	200526-4	Honeytone Teak, Vinyl.
3	340057	Trim, Outside Vertical. (Right or Left).
4	340058-7	Trim, Inside Vertical. (Right or Left).
5	200792-100	Gray Vinyl.
6	201357-39	Gray Vinyl.
7	340058	Trim Inside Horizontal.
8	201356-20	Panel Delivery Tray. Gray Vinyl.
9	340055-3	Trim, Inside Horizontal.
10		Panel, Lower Horizontal.
	201692-5	Imperial Rosewood, Vinyl.
	201692-3	Honeytone Teak, Vinyl.f
	201678	Bottom Vinyl Door Edging (Not Shown)
	420186	Screw, HWH Drill pt Blk Zn (6 - 20 x 1/2), Qty. 5.
11	600428	Door Only, Specify Color.

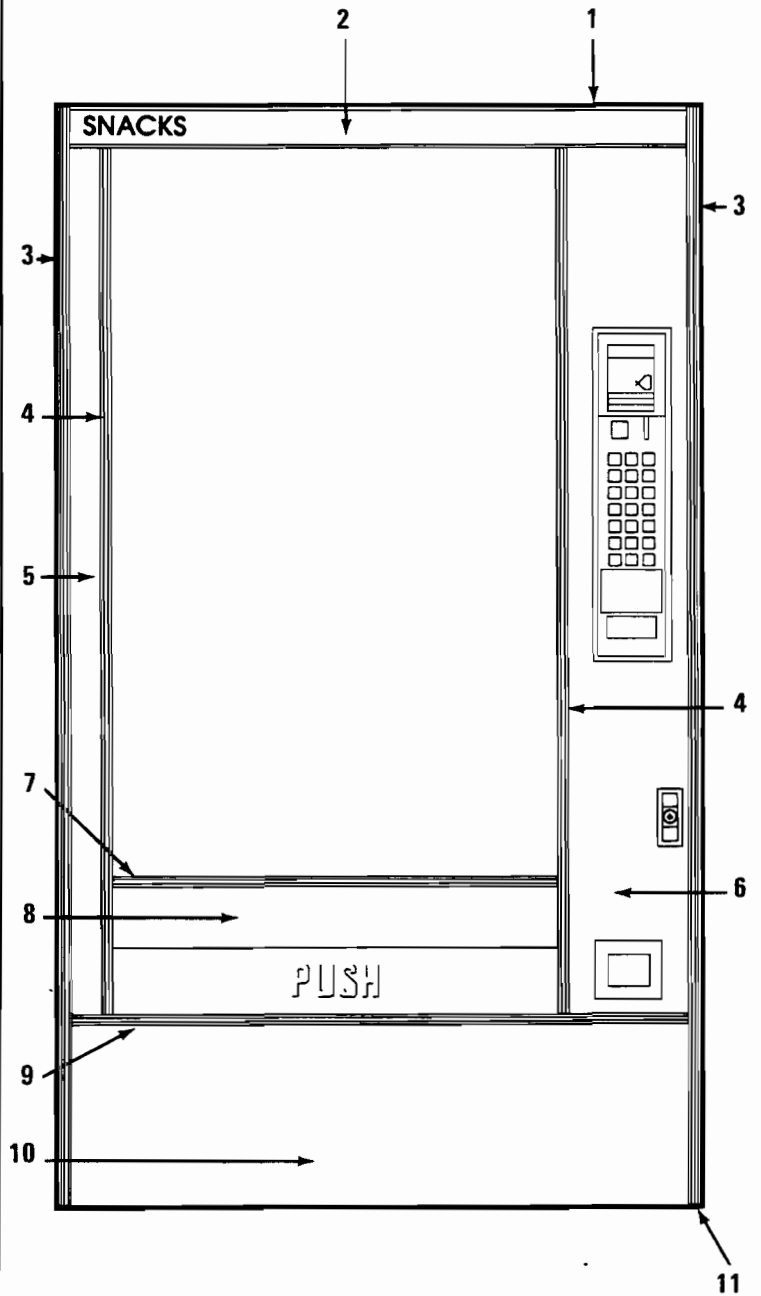


Item No.	Part No.	Description
1	340042-3	Trim, Top Only.
2	200526-16	Vinyl Insert Top Trim. Wheatstone
3	340057-1	Trim, Outside Vertical Bronze. (Right or Left).
4	340058-14	Trim, Inside Vertical. Bronze. (Right or Left).
5	200792-98	Panel, Left Side Vertical. Bronze, Vinyl.
6	201357-38	Panel, Right Side Vertical. Bronze, Vinyl.
7	340058-9	Trim, Inside Horizontal. Bronze.
8	201356-18	Panel, Delivery Tray. Bronze, Vinyl.
9	340055-1	Trim, Horizontal. Bronze.
10	201692-16	Panel, Lower Horizontal. Wheatstone, Vinyl.
	201678	Bottom Vinyl Door Edging (Not Shown)
	420186	Screw, HWH Drill pt Blk Zn(6 - 20 x 1/2), Qty. 5.
11	600428	Door Only. Specify Color.

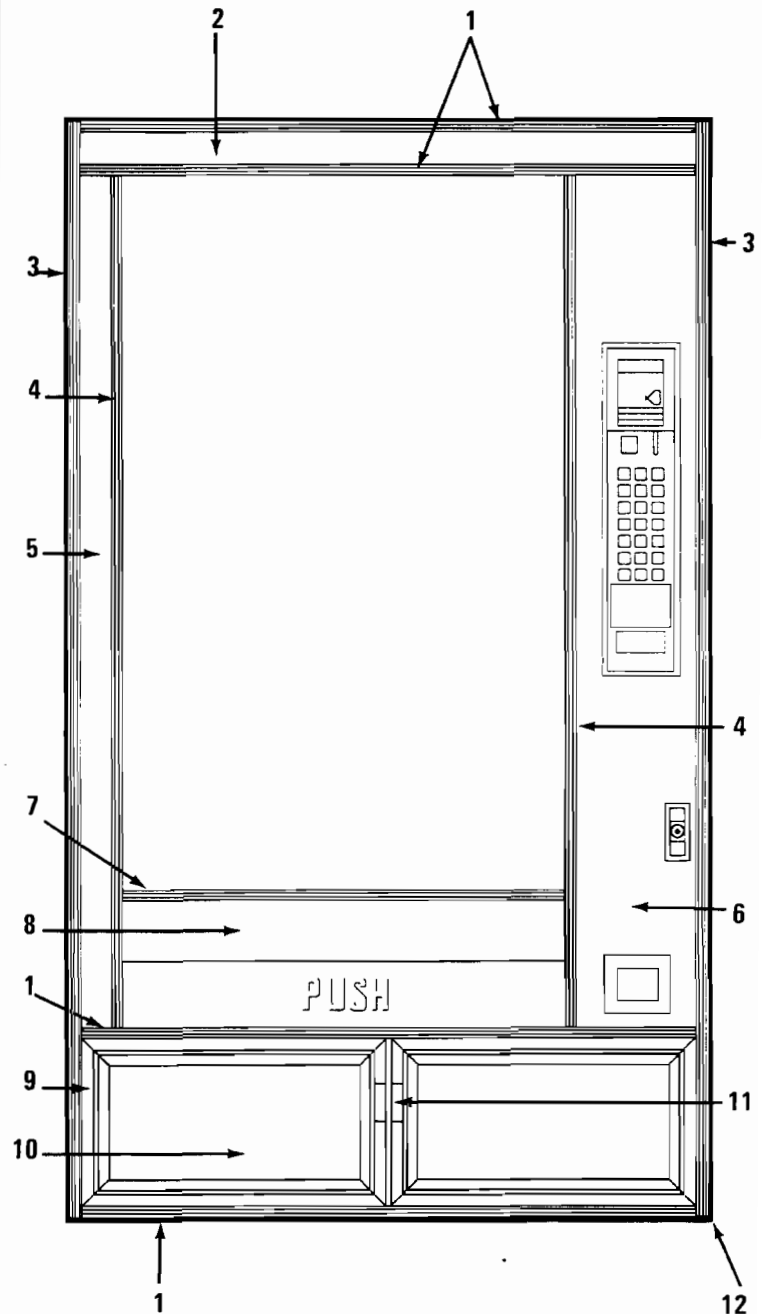


hi-tech style

Item No.	Part No.	Description
1	340042-8	Trim, Top only. Use only vinyl insert.
2	201260	Vinyl Insert, Top Trim, stainless vinyl.
3	340057-2	Trim, Outside Vertical. (Right or Left)
4	340058-7	Trim, Inside Vertical. (Right or Left)
5		Panel, Left Side Vertical
6	200792-32	Stainless Vinyl.
7	201357-6	Panel Right Side Vertical.
8	201356-7	Stainless Vinyl.
9	340055-3	Trim Inside Horizontal
10	200720-37	Panel, Lower Horizontal.
	201678	Bottom Vinyl Door Edging (Not Shown)
	420186	Screw, HWH Drill pt Blk Zn(6 - 20 x 1/2), Qty. 5.
11	600428	Door Only. Specify Color.



Item No.	Part No.	Description
1	660231-1	Trim Horizontal w/Black Stripe.
2	201417-10	Panel, Top, Cane, Vinyl.
3	340057-1	Trim, Outside Vertical. Bronze (Right or Left)
4	340058-15	Trim, Inside Vertical. Bronze (Right or Left)
5	200792-54	Panel, Left Side Vertical Presidential Walnut, Vinyl.
6	201357-28	Panel, Right Side Vertical Presidential Walnut, Vinyl.
7	340058-9	Trim, Horizontal.
8	201356	Panel, Delivery Tray. Presidential Walnut, Vinyl.
9	660334-10	Frame Bottom.
	420101	Nut, Pal Plastic Boss.
	201-6R12	Screw, Rd. Hd. Phillips (#6 - 18 x 3/4).
	201-6R7	Screw Rd. Hd. Phillips (#6-18 x 7/16).
	200-6R6	Screw, Rd. Hd. Phillips (#6-18 x 3/8).
	211-8R4	Screw, Truss Hd. Type A (8 x 1/4).
10	201203	Panel, Lower Horizontal. Cane, Vinyl.
11	460237	Handle, Decal.
12	600430	Door Only, Specify Color.



connectors



CABLE TIE
460044



**MOUNTING TYPE
CABLE TIE**
380078



**ADHESIVE BACKED
CORD CLIP**
420097



**ADHESIVE BACKED
CABLE CLAMP**
420096



**FEMALE QUICK
DISCONNECT TERMINAL**
9/64 - 380213
3/16 - 380001
1/4 - 380003



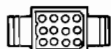
**FEMALE PLUG
TERMINAL**
LARGE - 380004
SMALL - 380129



MALE PLUG TERMINAL
LARGE - 380005
SMALL - 380130



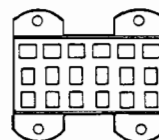
SQUARE PIN TERMINAL
LARGE - 380211
SMALL - 380234



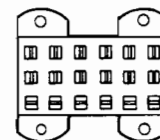
**MOLEX MALE
CONNECTOR**
3 PIN - 380034
6 PIN - 380106



**MOLEX FEMALE
CONNECTOR**
2 PIN - 380189
3 PIN - 380035
6 PIN - 380107



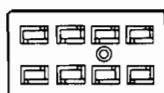
**MAIN PRODUCT SHELF
RECEPTACLE**
380238



**MAIN PRODUCT SHELF
PLUG**
380237



**AMP IN-LINE
CONNECTOR**
.156 CTRS.
2 PIN - 380232
7 PIN - 380232-1
18 PIN - 380232-3
13 PIN - 380232-2
16 PIN - 380232-11
19 PIN - 380232-4
4 PIN - 380232-7
3 PIN - 380232-6



**CHANGER
RECEPTACLE
AND COVER**
18 PIN - 380199
COVER - 380125
12 PIN - 380200
COVER - 380201



**WIRE
CONNECTOR**
380214



CABLE CLAMP
3/8 DIA.
420035-1

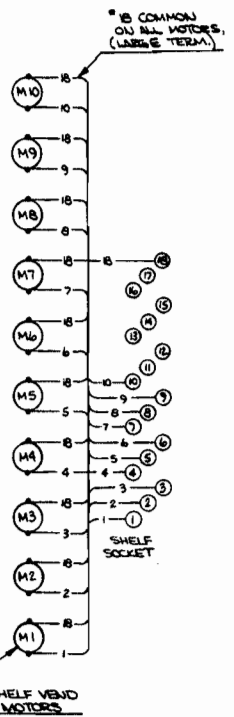
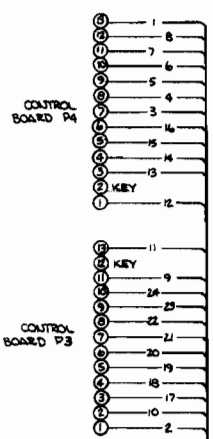
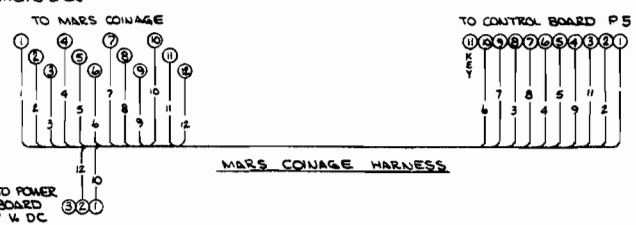
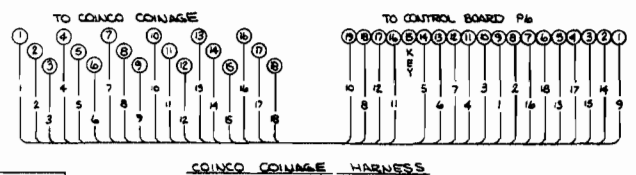
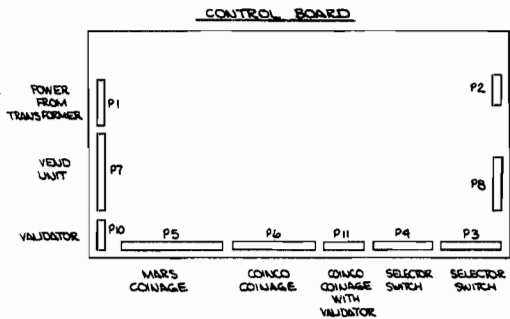
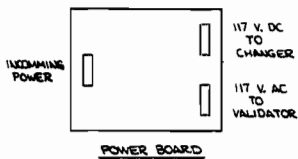


METAL CABLE CLAMP
420088



**CONNECTOR
POLARIZING KEY**
.100 CTRS - 380233

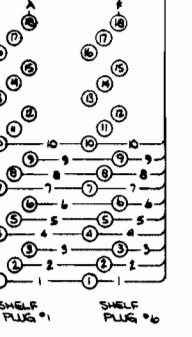
MOLEX CONNECTOR
.100 CTRS.
17 PIN - 380207



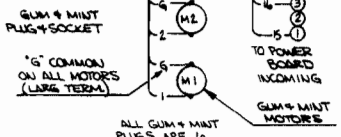
* IS COMMON ON ALL MOTORS, (LARGE TERM.)

ALL SHELF PLUGS WIRED THE SAME EXCEPT PN #8

SHELF NO.	WIRE ON
#1	A
#2	B
#3	C
#4	D
#5	E
#6	F



ALL SHELF PLUGS ARE THE SAME IN CONTACT, SOME HAVE 4 MOTORS, 5 MOTORS, 8 MOTORS, 10 MOTORS.



ALL GUM & MINT PLUGS ARE 16 CONTACT, UNIT HAS 4 OR 5 MOTORS

