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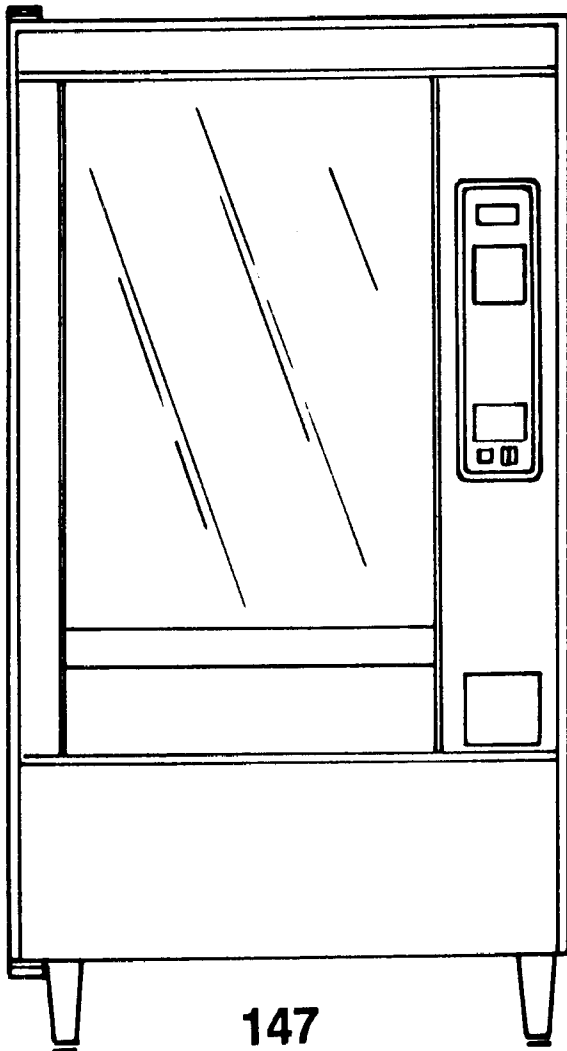
# *SnackCenter 1*

## 147/148

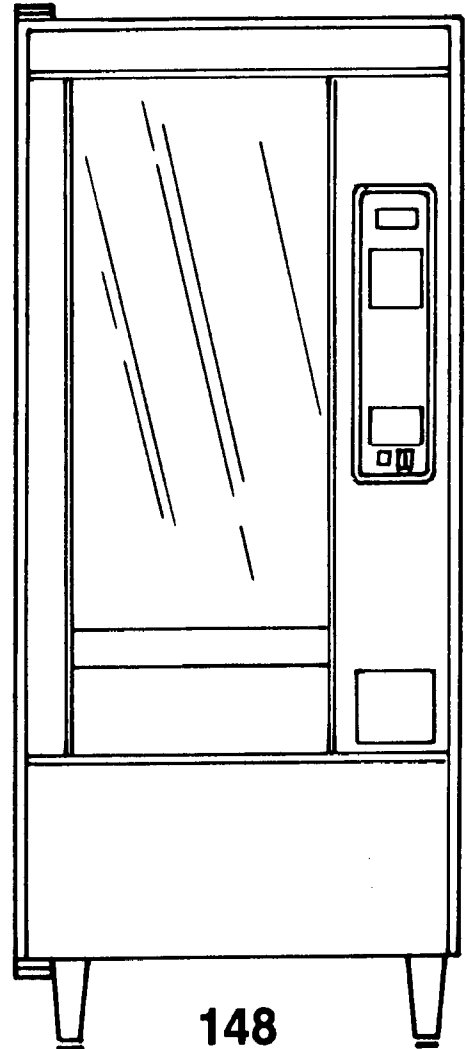
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### OPERATION & MAINTENANCE MANUAL

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147



148



CRANE-NATIONAL VENDORS

12955 ENTERPRISE WAY  
BRIDGETON, MO 63044

## WARRANTY

The SNACK CENTER 1" and SNACK CENTER 2" Merchandisers are warranted for one (1) year against defective parts and workmanship. Any part or parts which are proved to be defective within one (1) year of the date of shipment will be replaced free of charge when the defective part is returned with transportation charges prepaid to the destination designated by the National Vendors' Parts Department.

This warranty applies only to the original purchaser of the Merchandiser and is null and void if the Merchandiser is sold during the period of warranty.

This warranty is also null and void for all electrical components, wiring, or circuits and/or for all mechanical parts or assemblies damaged as a result of operating the Merchandiser at other than 110-120 volts, 60 Hertz current.

No warranty is given or implied on incandescent lamps, neon lamps, fluorescent lamps, ballasts, starters and other expendable items.

Further, National Vendors is not responsible for any costs of service rendered or repairs made at other than National Vendors; or by anyone other than an authorized factory Service Representative of National Vendors; unless authorization to incur such expense has been given in writing by National Vendors prior to incurring such expense.

This warranty is in lieu of all other warranties expressed or implied, including, without limitation, warranties of merchantability, and all other obligations or liabilities on National Vendors' part; and National Vendors neither assumes nor authorizes any person to assume for it, any other obligation or liability in connection with the sale of said Equipment or any part thereof.

CRANE NATIONAL VENDORS ©  
12955 Enterprise Way  
Bridgeton, MD 63044

This machine has been engineered to our own rigid safety and performance standards. It has also been designed to comply with sanitation and health guidelines recommended by the Automatic Merchandising Health-Industry Council (AMHIC) as well as NAMA safety recommendations.

To retain the safety and performance built into this machine, it is important that installation and maintenance be conducted so as to not alter the construction or wiring and that replacement parts are as specified in the Parts Manual. Your investment in this equipment will be protected by using the Operation and Maintenance Manual and the Parts Manual in your operation and maintenance work. By following prescribed procedures, machine performance and safety will be preserved.

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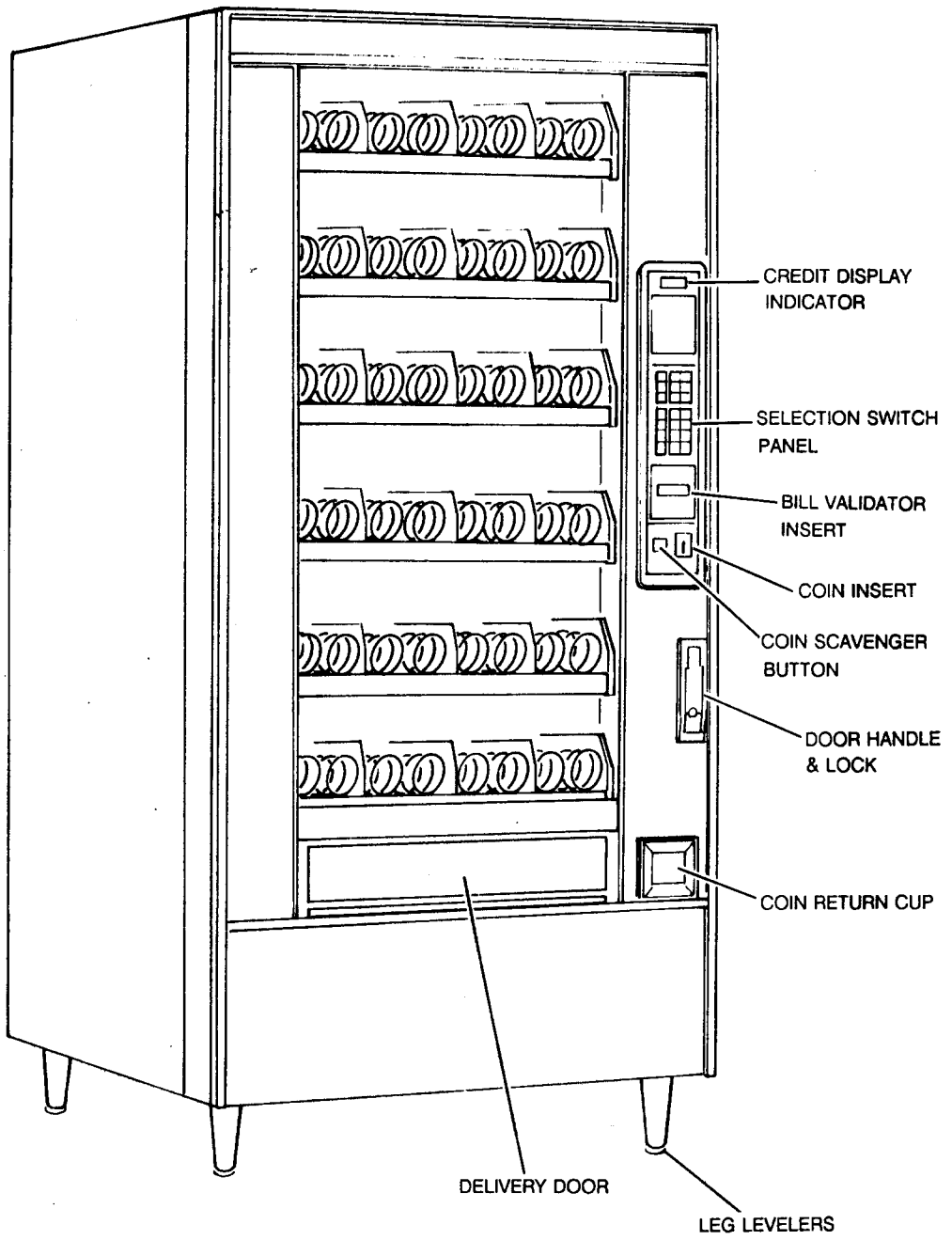
## SERVICE, SANITATION AND ROUTINE MAINTENANCE

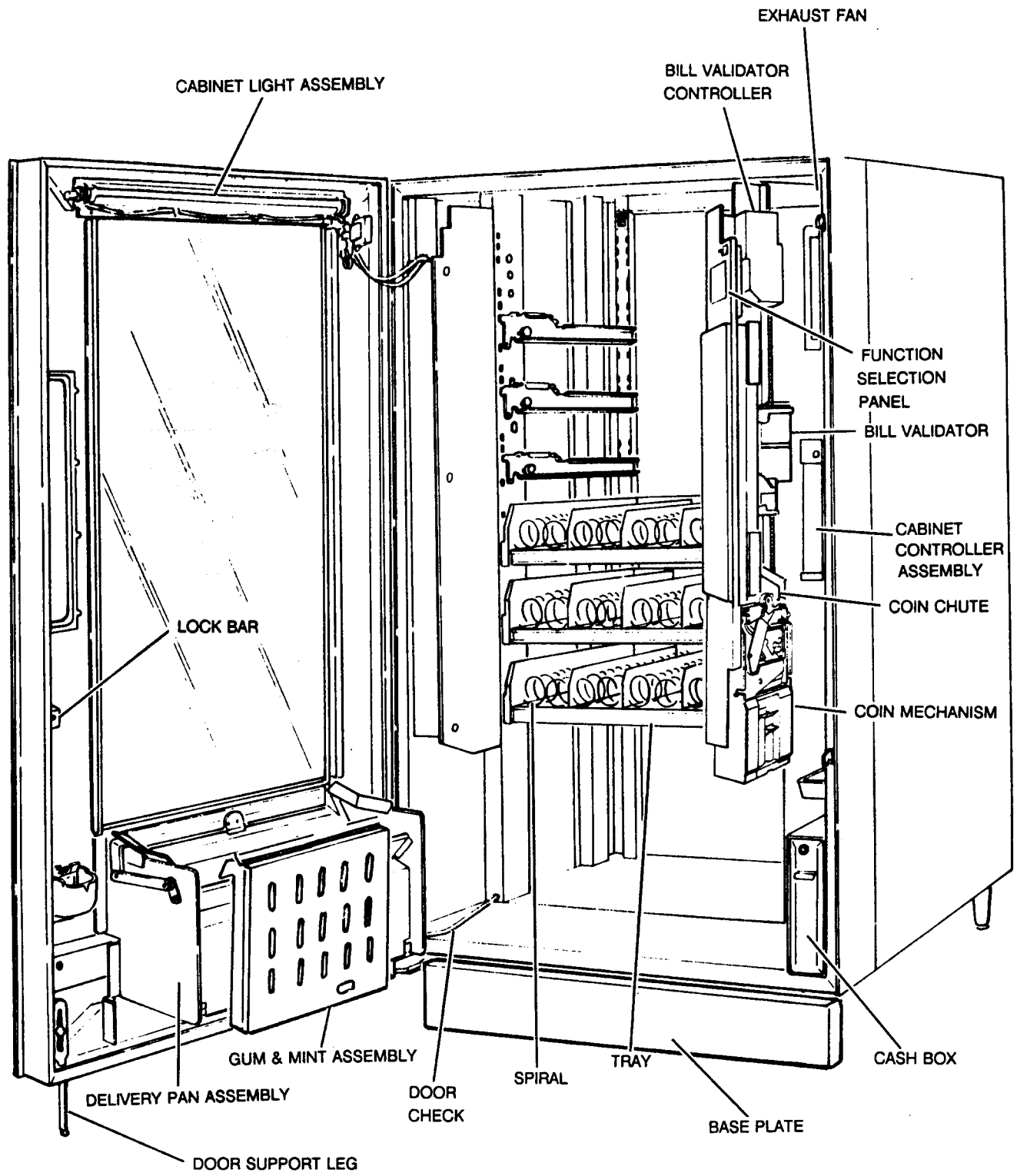
- Directory of Procedures
- Maintenance Procedures

The information in this part of The SNACK CENTER Operation and Maintenance Manual has been provided to help you install the merchandiser on location.

## INSTALLATION OF THE MERCHANDISER

- I-1 Identification and location of major assemblies and components
- I-2 Electrical service requirements
- I-3 Moving the merchandiser through a narrow opening
- I-4 Positioning and leveling the merchandiser
- I-5 Mounting the optional base plate
- I-6 Turning the merchandiser ON and OFF





## ELECTRICAL SERVICE

### \* Power Outlet Requirements

- 120 volts; not less than 110 volts at peak usage time
- 60 Hz
- Single phase
- 3 amp
- 3-pin, grounded type outlet

### NOTE

THE WARRANTY ON THIS MERCHANDISER  
IS NULL AND VOID WHEN THE ELECTRICAL  
REQUIREMENTS LISTED ABOVE ARE NOT MET.

### \* Voltage Check

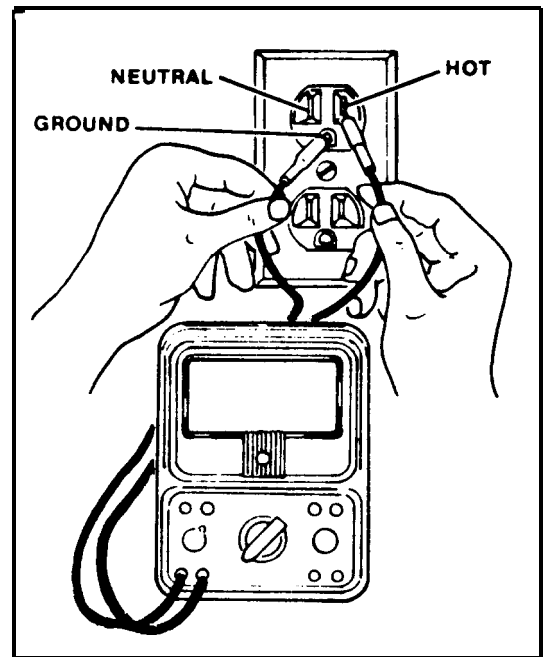
- When placed across the  
HOT and NEUTRAL terminals,  
a volt-ohmmeter should  
indicate 110-130 volts ac.

### \* Polarity Check

When placed across the  
HOT and GROUND terminals,  
a volt-ohmmeter should  
indicate 110-130 volts ac.

### \* Noise Potential Check

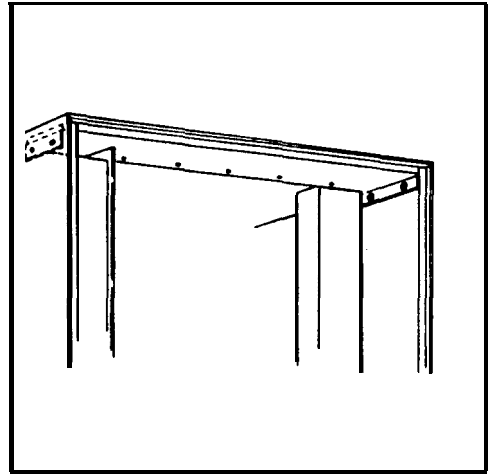
When placed across the  
NEUTRAL and GROUND terminals,  
a volt-ohmmeter should  
indicate 0 volts ac. A reading  
of greater than 1.5-2.0 volts ac  
could result in noise problems  
for the electronic circuitry.



This merchandiser can be moved through an opening as narrow as 30 inches by removing the Cabinet Extensions.

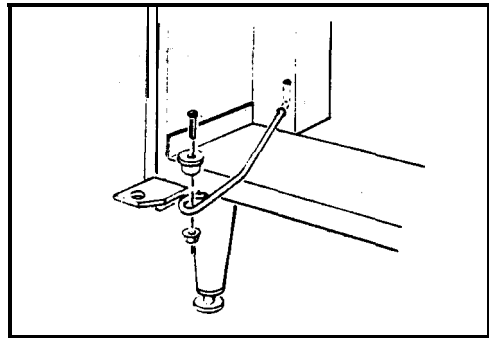
**REMOVING THE TOP EXTENSION** (Figure -A)

- \* Remove the two screws that secure each end of the extension to the sides of the cabinet.
- \* Model 147 - Remove the other five screws that secure the extension to the cabinet.
- Model 148 - Remove the other four screws that secure the extension to the cabinet.
- \* Pull extension forward to remove it from the merchandiser.



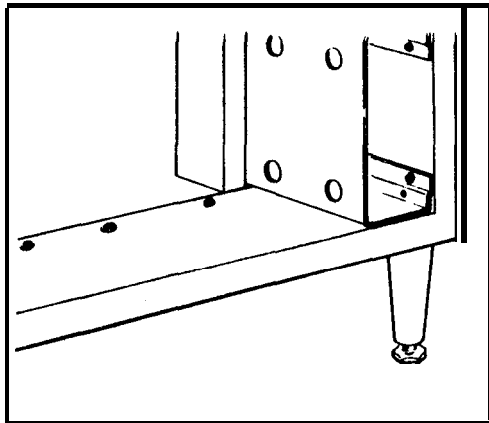
**REMOVING THE DOOR CHECK** (Figure -B)

- \* Remove the nut and bolt that secure the Door Check to the Door Check Plate.
- \* Pull the Door Check fully forward, lift upward and pull the short end of the Check from the Door Check Plate and Spring Assembly.



**REMOVING THE BOTTOM EXTENSION** (Figure -C)

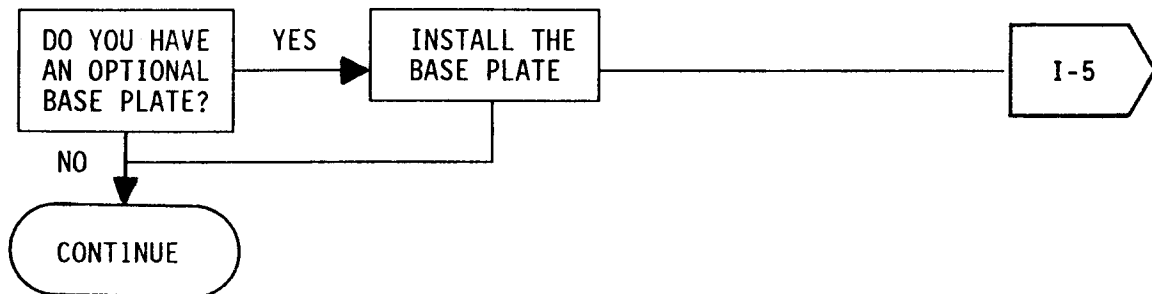
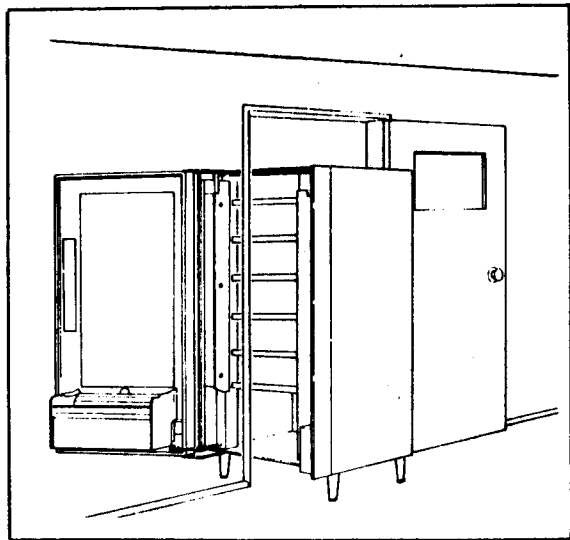
- \* Remove the two screws that secure each end of the extension to the sides of the cabinet.
- \* Model 147 - Remove the other five screws that secure the extension to the bottom of the cabinet.
- Model 148 - Remove the other four screws that secure the extension to the bottom of the cabinet.
- \* Pull the extension forward and remove it from the cabinet.





## TAKING THE MERCHANDISER THROUGH THE OPENING

- \* Open the Cabinet Door and place it square with the left side of the Cabinet.
- \* Carefully walk the merchandiser through the opening.



## REASSEMBLE THE MERCHANDISER

- \* Replace the Upper Extension.
- \* Replace the Lower Extension.
- \* Replace the Door Check.

## POSITIONING THE MERCHANDISER

- \* You can position this merchandiser anywhere in a bank of machines. It can even be placed on an end flush against a side wall.
- \* To prevent damage to the power cord, the merchandiser should be located at least 1 inch away from the back wall.
- \* There should be enough room in front of the merchandiser for the door to move freely. Model 147 requires 39 inches and Model 148 requires 32 inches.

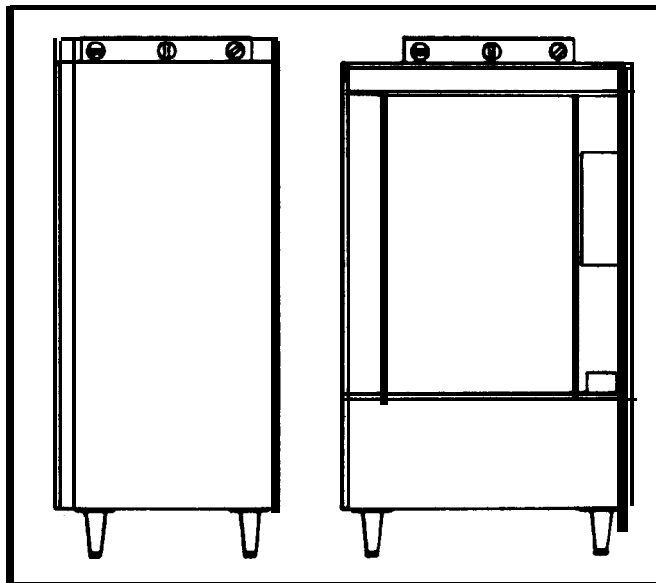
### **WARNING**

*This machine is only rated for use in indoor locations.*

## LEVELING THE MERCHANDISER

### IMPORTANT

A level merchandiser is less likely to tip over and cause a personal injury.

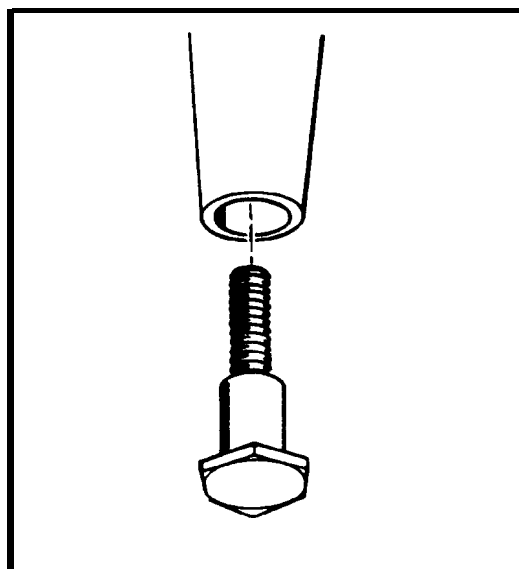


- \* Level the merchandiser from right to left and from front to back. Use a spirit level while leveling the merchandiser. See Figure .A.
- \* If this merchandiser will be part of a group of machines, it should also be leveled in reference to the other machines.

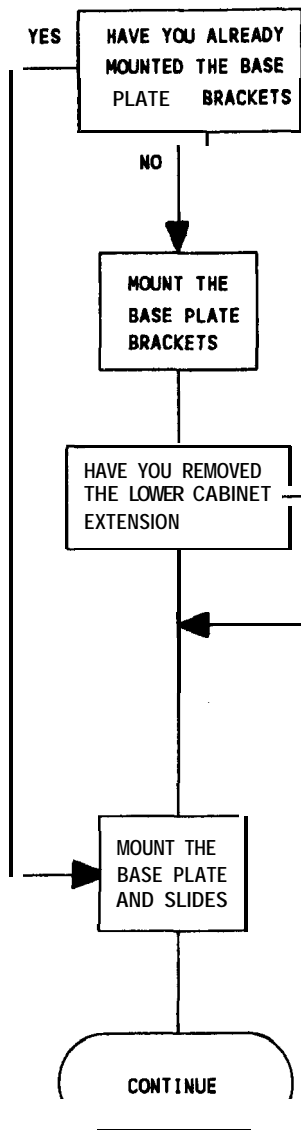
### CAUTION

*Have an assistant hold the merchandiser while you adjust the levelers. If the cabinet tips, you may be injured or the merchandiser may be damaged.*

- \* If the merchandiser is not level, move the Leg Levelers in or put to make it level. See Figure .B.
- \* You may need to use pliers or channel locks to loosen the leg leveler.



**MOUNTING THE EXTENSION & SUPPORT ASSEMBLY AND THE  
BASE PLATE BRACKETS**



\*The pair of mounting holes furthest to the right side should be used when mounting the Extension & Support Assembly. Use two of the self-tapping hex head screws to secure the assembly to the cabinet extension.

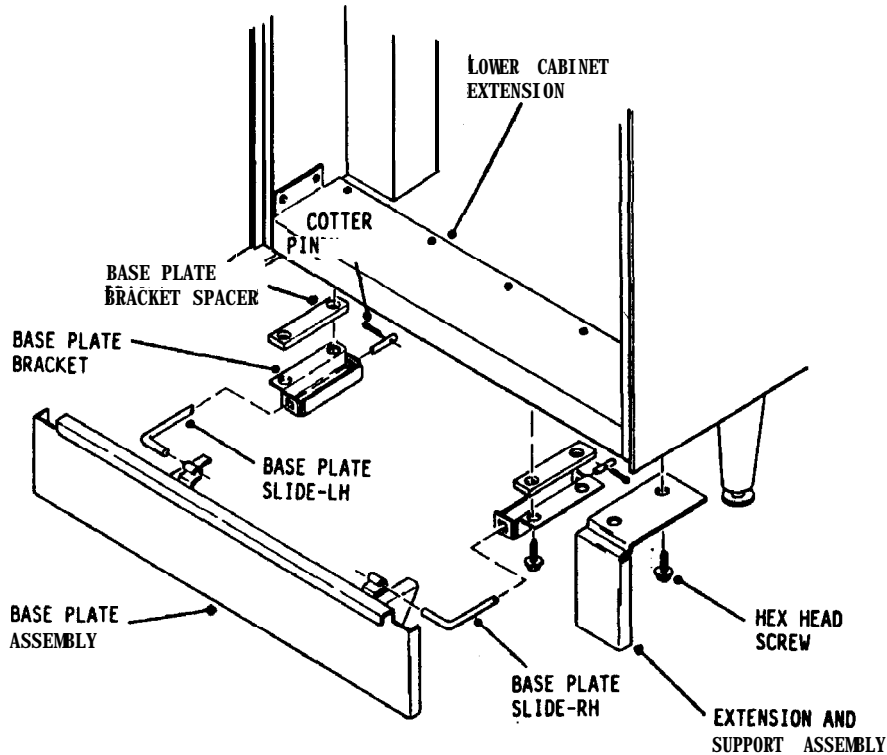
\* Use two of the hex head screws to secure a Base Plate Bracket Spacer and a Base Plate Bracket at each of the remaining pairs of holes.

CONTINUE WITH PROCEDURE FOR MOVING THROUGH A NARROW DOORWAY

**D**  
1-3

## MOUNTING THE BASE PLATE AND SLIDES

- \* Insert the short arms of the slides into the hinged tabs of the Base Plate. Position the slide so the notch near the short arm is on the bottom side.
- \* Insert the long arms of the slides into the base plate brackets.
- \* Insert and secure a cotter pin through the hole in the back end of each of the slides.
- \* Push the base plate toward the merchandiser cabinet. The front tab of the base plate bracket should seat in the notch in the long arm of the slide.

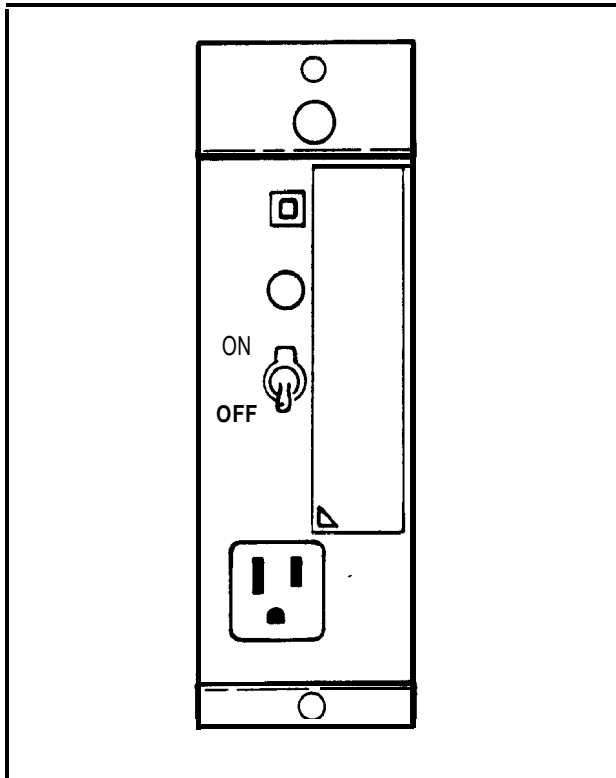


- \* Power to the merchandiser is controlled by the Main Power Switch. It is located on the Power Panel.
- \* The Power Panel is on the right side of the merchandiser, behind the monetary door.

WARNING

***You should unplug the merchandiser whenever you do one of the following:***

- ***Change a fuse***
- ***Change the flourescent lamp***
- ***Change the lamp starter***
- ***Connect or disconnect a harness***  
***(Except a motor harness when the tray has been removed)***



NOTE

The Tray List feature (P4-9) is set at the factory to list the trays that **were** installed **at** the time of shipping. If any trays are not locked in place and do not make good electrical contact, the display will alternate between:

***ID TRAY · UNLATCHED***

**when** the door is closed. You will hear a beeping sound. This condition will continue for one minute. The normal stand-by message will return to the display **at** the end **of this** period of time. You may disable this feature by using procedure P4-9 to remove all trays from the list.

## MECHANICAL SET-UP PROCEDURES

### *COIN MECHANISM SET-UP*

#### *TRAY SET-UP*

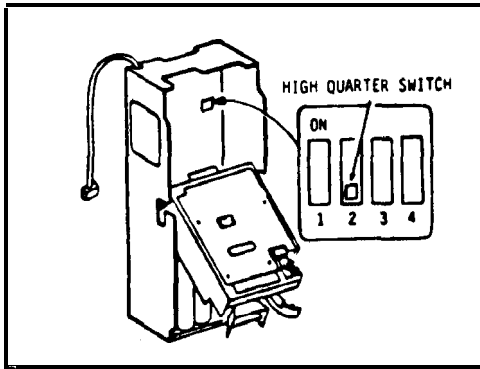
- S-1 Placing tray in loading position
- S-2 Adjusting tray to accommodate wider products
- S-3 Removing a tray from the merchandiser
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- s-15 Loading a tray with product
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- S-18 Installing selection ID labels

#### *GUM & MINT DISPENSER SET-UP*

- S-30 Putting the gum & mint dispenser in the loading position
- s-31 Removing and installing column reducers
- S-32 Loading the gum & mint dispenser with product
- s-33 Returning the gum & mint dispenser to the vending position after loading the dispenser
- S-34 Attaching product price labels

- \* If the changer is not a MARSTRC 6000, procede to "Loading the Coin Mechanism".
- \* If the changer is a MARS TRC 6000, you must set the high quarter switch.

**SETTING THE QUARTER SWITCH**



QUARTER SWITCH POSITION	ACTION
LOW	Will accept only one \$1.00 bill.
HIGH	Will accept \$1.00 bills equal in value to first whole dollar above highest vend price.

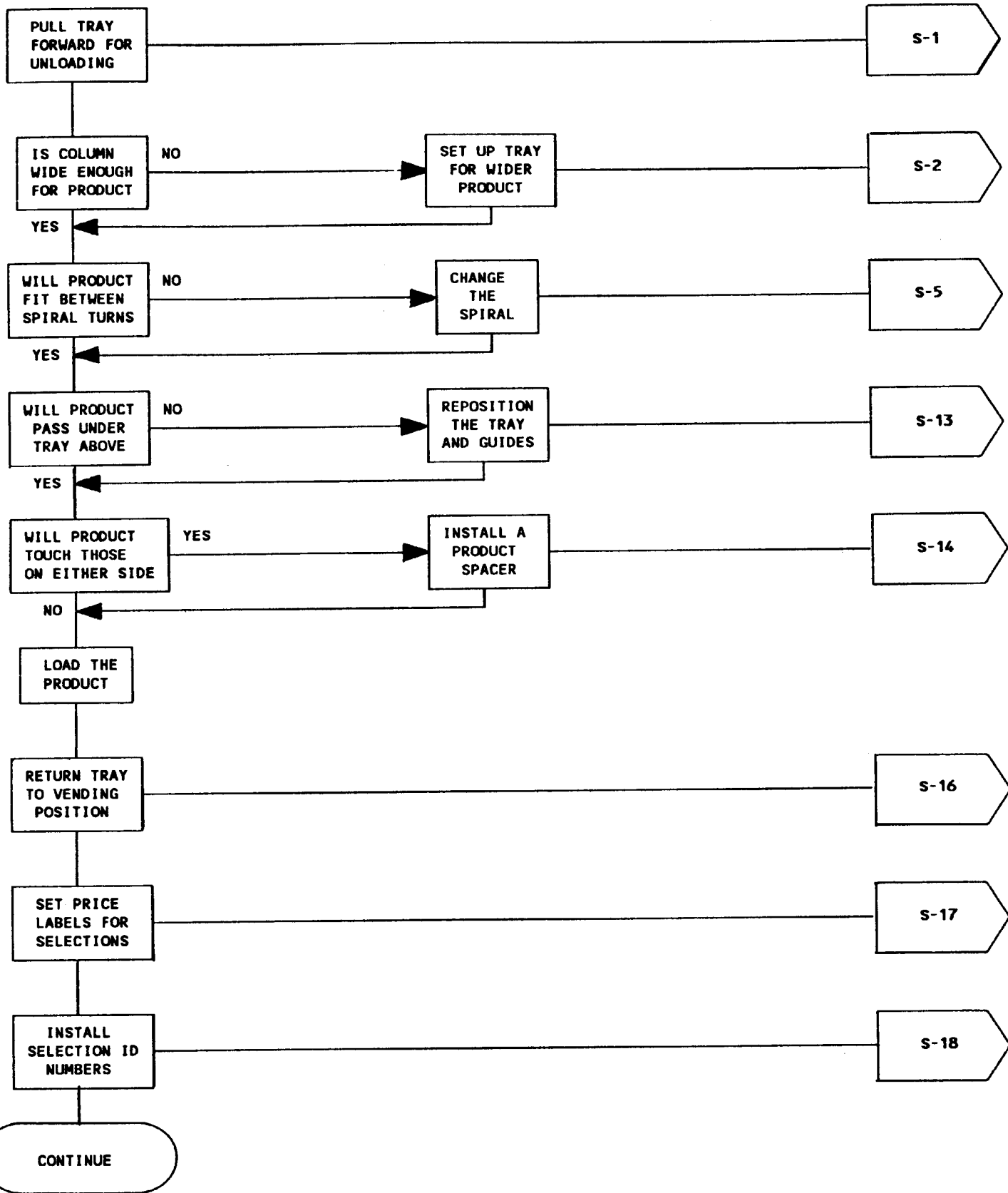
**LOADING THE COIN MECHANISM**

- \* Open the Cabinet Door.
- \* Open the Monetary Door.

Insert coins one at a time until each of the coin tubes has been filled.

- \* Inspect the tubes for shingled coins and correct if necessary.

# MECHANICAL SET-UP OF TRAYS





- \* Place both hands on the Tray as shown in Figure S-1a.
- \* Lightly push back on the Tray with your palms. This will release the Tray Catches on the sides of the Tray.
- \* Push down on the Tray Catches with your thumbs.
- \* Pull the Tray forward until you hear and feel the rear rollers of the Tray drop into a cut-out in the top of the Guide Rail.
- \* Continue pulling the Tray forward for another inch. You will then be able to tilt the Tray downward into the loading position as shown in Figure S-1b.

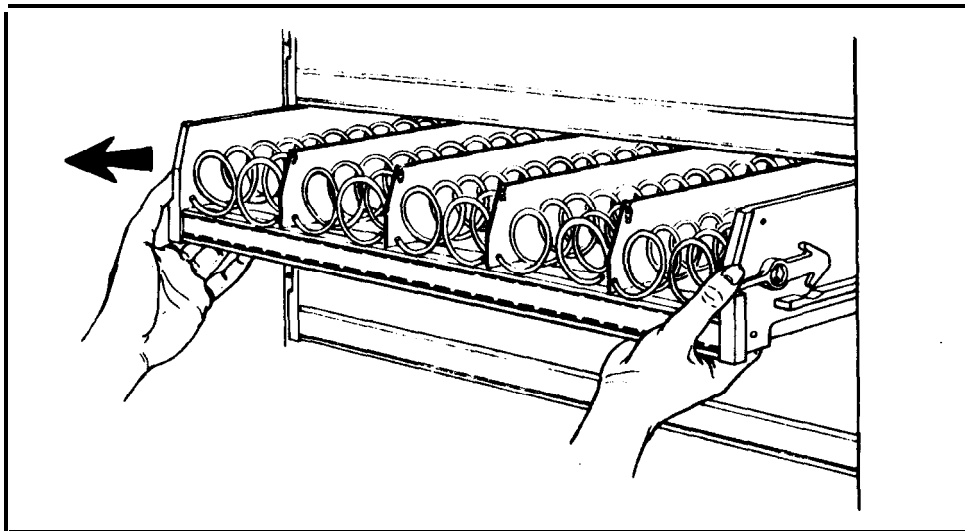


Figure S-1a

**NOTE**

When the Cabinet Door is not fully open,  
the bottom tray will rest on the Delivery Pan Assembly.  
Handle the Tray with care to avoid scratching the Delivery Pan Assembly.

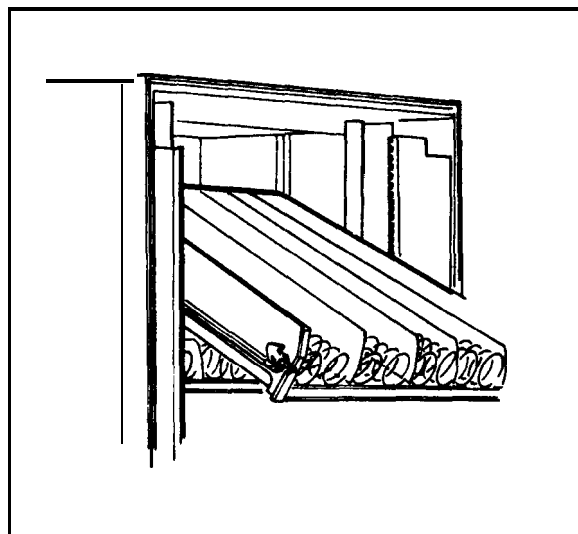
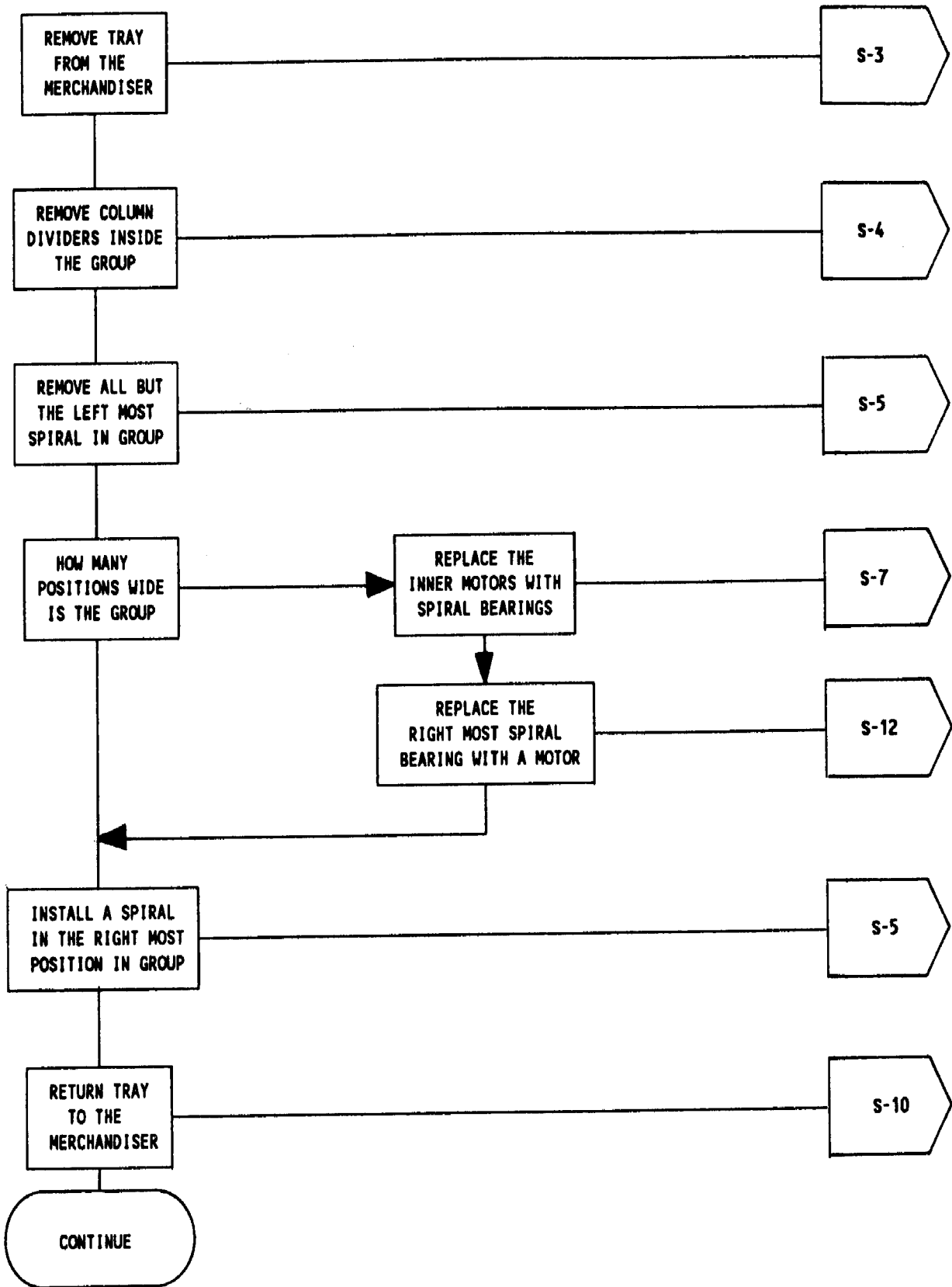


Figure S-1b

CANDY TRAY  
SET-UP FOR WIDER PRODUCTS



NOTE

The left-most position of a coupled group must be position 0 or an even numbered position.

- \* Push back on the tray slightly with with your palms. This releases the the tray catches.
- \* Push down on the tray catches with your thumbs.
- \* Pull the tray forward until you hear and feel the back rollers of the tray drop into the cut-out in the top of the guide rail. See Figure S-3a.

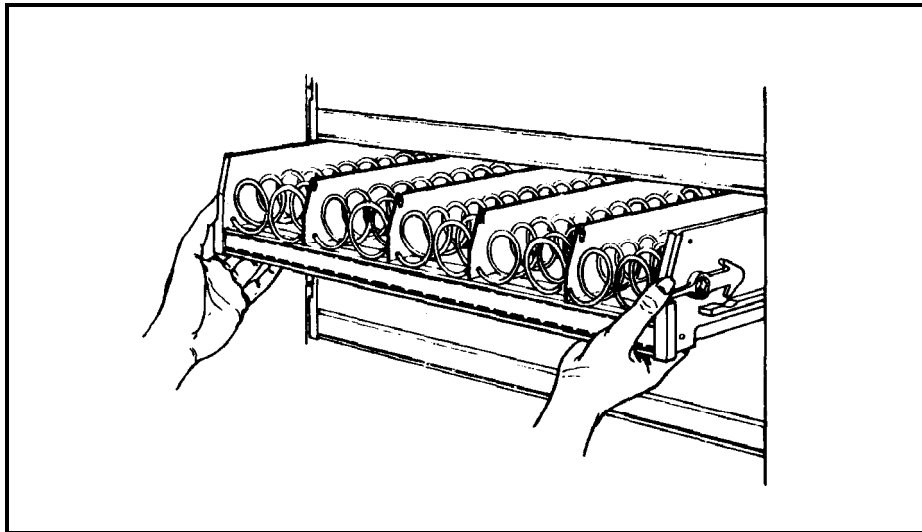


Figure S-3a

- \* Lift up on the tray and slide it toward the back. No more than an inch should be needed.
- \* The tab near the back of the tray should align with the cut-out in the top of the guide rail. See Figure S-3b.
- \* Lift the tray clear of the guide rail and out of the merchandiser.

**NOTE**

***When the cabinet door is not fully open, exercise extra care in removing the bottom tray. Failure to do so may result in damage to the tray or to the delivery pan assembly.***

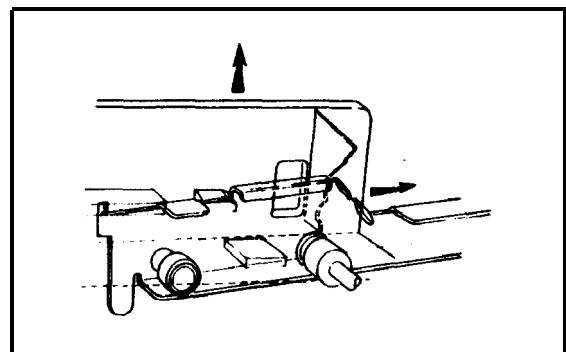


Figure S-3b

\* Push the Column Divider toward the back of the Tray. See Figure S-4a.

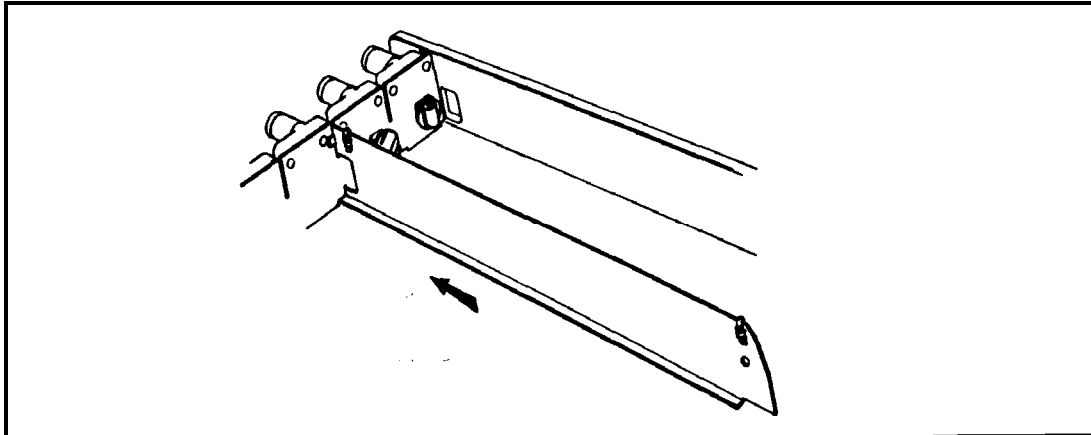


Figure S-4a

\* Lift the Column Divider clear of the Tray. See Figure S-4b.

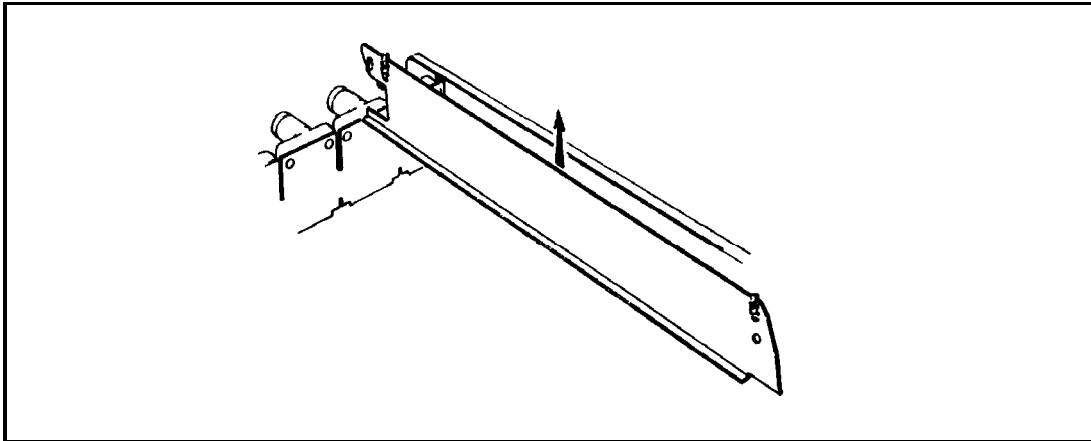
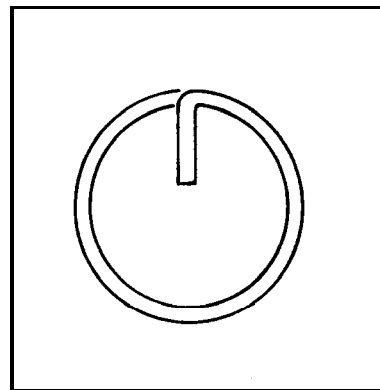


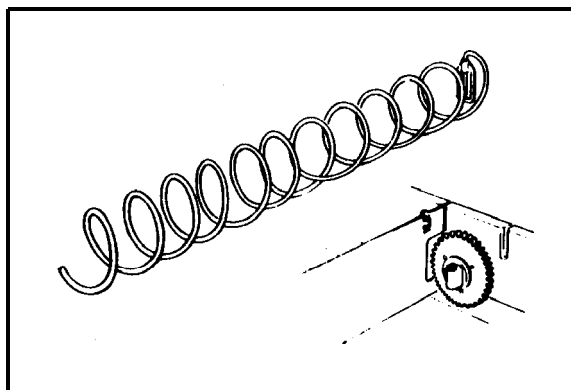
Figure S-4b

\* All spirals are the same diameter.

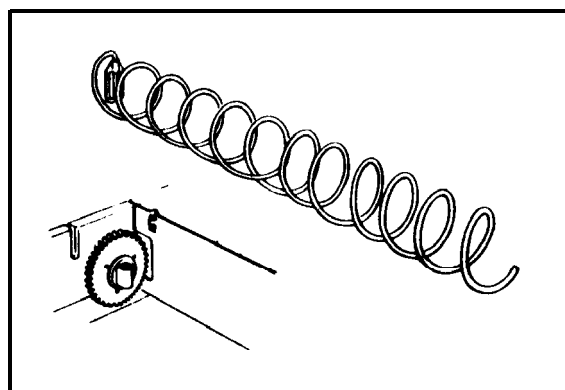


\* There are two types of spirals:

**COUNTER-CLOCKWISE**



**CLOCKWISE**

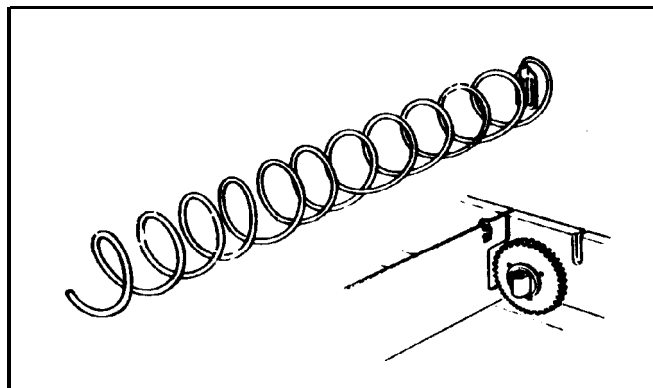
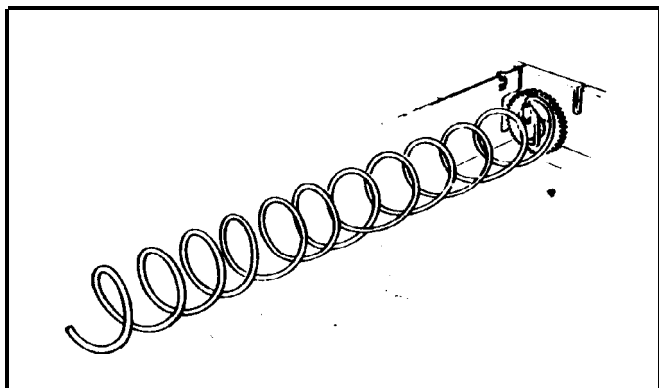


\* Spirals are available in seven different capacities. Four of these are standard and three are options.

ITEM CAPACITY OF SPIRAL	PART NUMBER	
	CLOCKWISE (RH)	COUNTERCLOCKWISE (LH)
11 (Standard)	1477027	1477024
13 (Standard)	1477033	1477030
15 (Standard)	1477039	1477036
20 (Standard)	1477045	1477042
25 (Optional)	1477051	1477048
30 (optional)	1477057	1477054
38 (Optional)	1477063	1477060

**TO REMOVE A SPIRAL**

- \* Pull forward on the retaining clip and remove the end of the spiral from the spiral coupler.
- \* Remove the spiral from the tray.

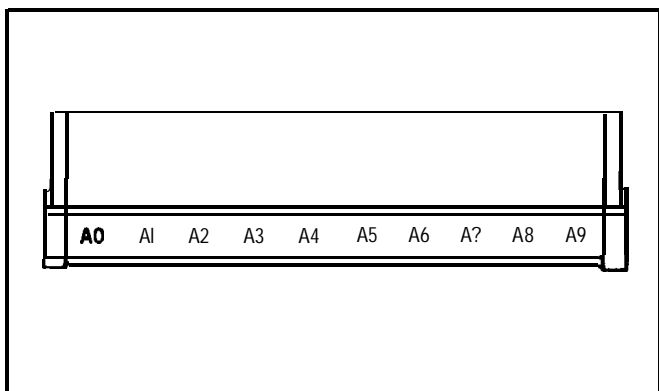


**TO INSTALL A SPIRAL**

- \* Pull the bottom of the retaining clip toward the front of the spiral.
- \* Lower the spiral into the tray column and insert the end of the spiral into the spiral coupler.
- \* Release the retaining clip.

**SHOULD I USE A CLOCKWISE OR A COUNTERCLOCKWISE SPIRAL?**

- \* The type of spiral used is determined by the column position it will occupy in the tray.
- \* Refer to Figure S-5a and Table S-5a to find the correct spiral type.



SPIRAL TYPE	COLUMN POSITION				
CLOCKWISE (RH)	A1	A3	A5	A7	A9
COUNTERCLOCKWISE (LH)	A0	A2	A4	A6	A8

Table S-5a

Figure S-5

REMOVING A SPIRAL COUPLER

- \* Pinch together the prongs on the end of the Spiral Coupler.
- \* Pull the Coupler forward.

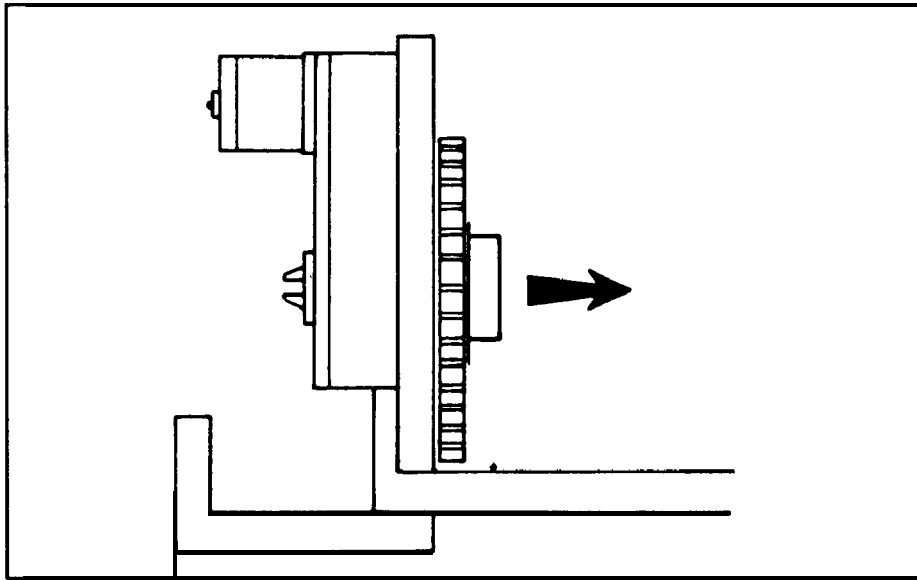


figure S-6a

## REMOVING A MOTOR

- \* Disconnect the Harness from the Motor. See s-11
- \* Remove the Spiral. See S-5
- \* Remove the Spiral Coupler. See S-6
- \* Lift the Motor clear of the Tray Assembly.

## INSTALLING A SPIRAL BEARING (See Figure S-7a)

- \* Put Gear in position if required in this set-up. See S-8
- \* Install the Spiral Coupler. See S-9

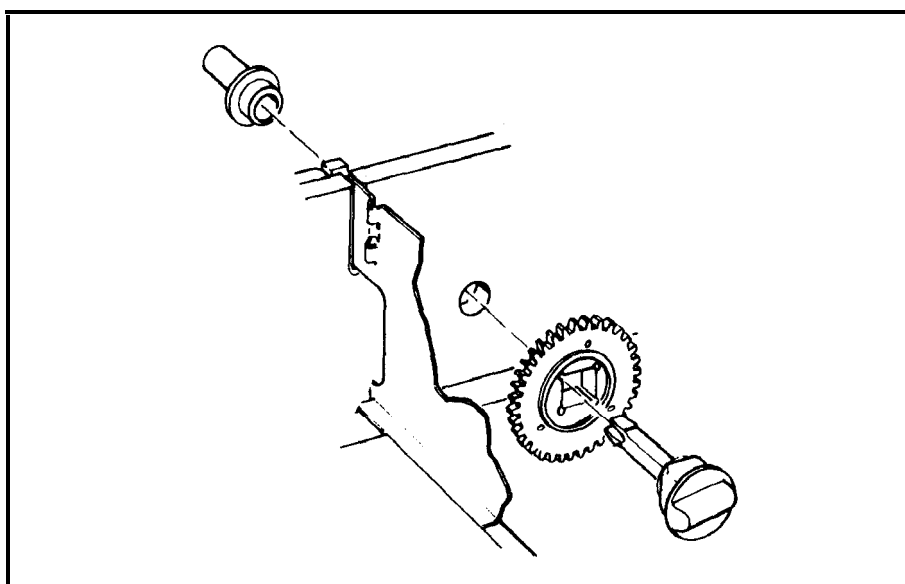


Figure S-7a



WHEN ARE GEARS USED?

- \* Gears are used to mechanically couple the Spirals together.
- \* This happens whenever you have two Spirals and only one Motor for vending a selection.

WHERE ARE THE GEARS PLACED?

- \* The Gear is placed between the back of the Tray and the Spiral Coupler.

HOW IS THE GEAR ORIENTED? (See Figures S-8a and S-8b)

- \* There are two possible orientations for the Gear.

ORIENTATION 1

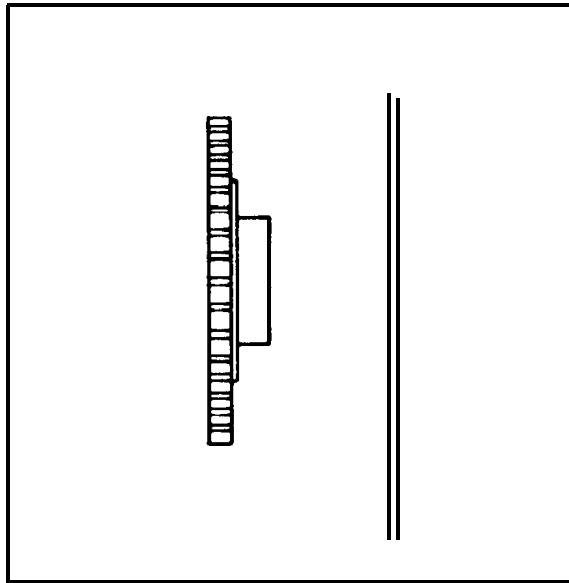


Figure S-8a

ORIENTATION 2

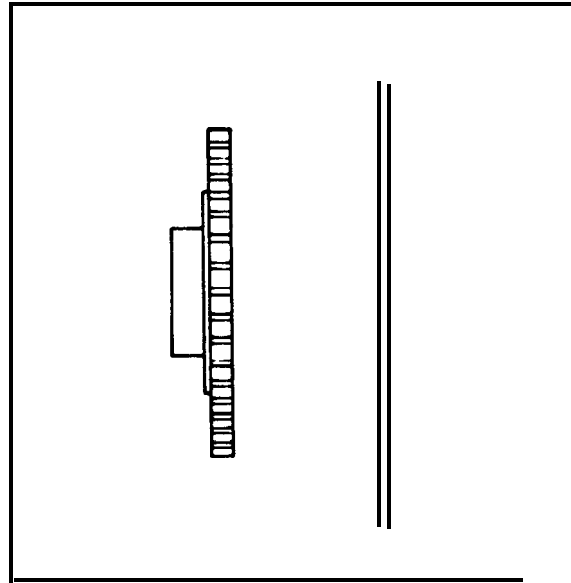


Figure S-8b

- \* There are two rules to follow when orienting Gears:

RULE 1 - The Gears for selections next to each other cannot use the same orientation.

RULE 2 - All Gears for a single selection must use the same orientation.

**INSTALLING A SPIRAL COUPLER**

\* Place Gear in position if one is required for this set-up. See S-8

*WHEN USED WITH A MOTOR · See Figure S-9a*

\* Hold Motor in place and push Spiral Coupler through the Motor Gear Box until it licks into position.

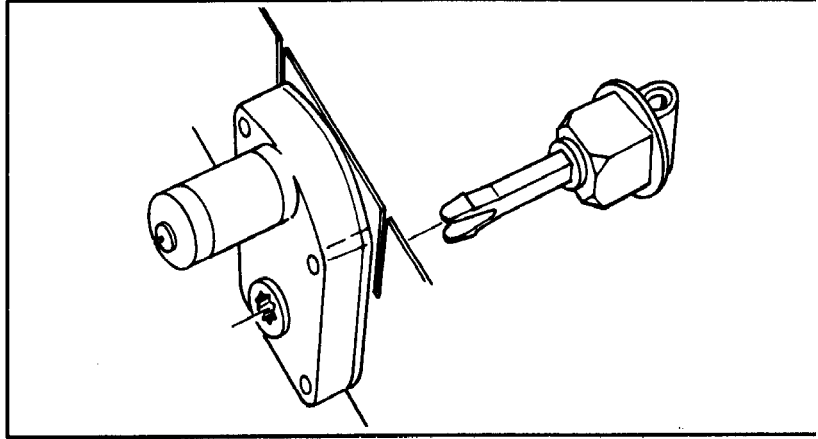
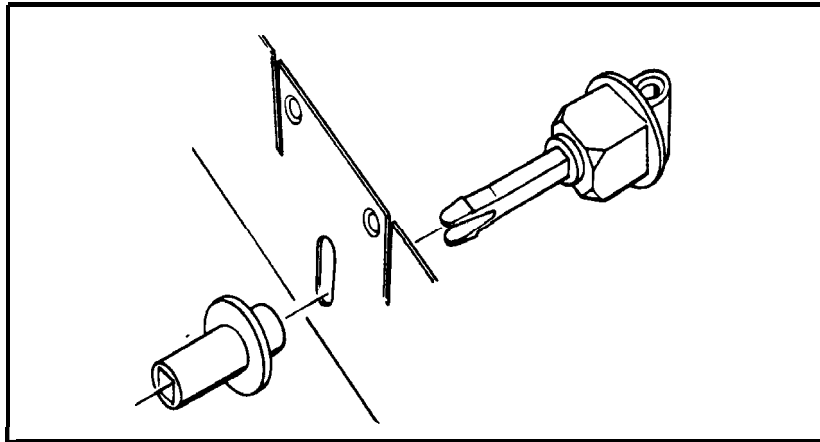


Figure S-9a

*WHEN USED WITH A COUPLER BEARING · See Figure S-9b*

\* Hold the Coupler Bearing in place and push the Spiral Coupler through the Bearing until the Couple-locks into position.

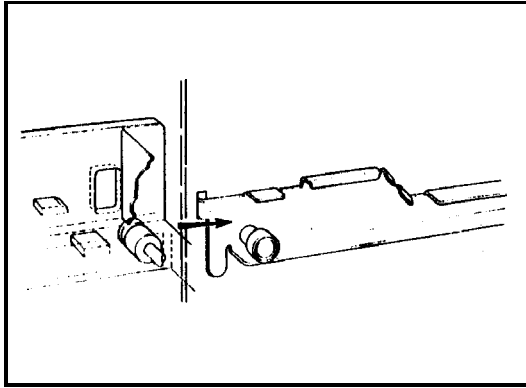


Figure

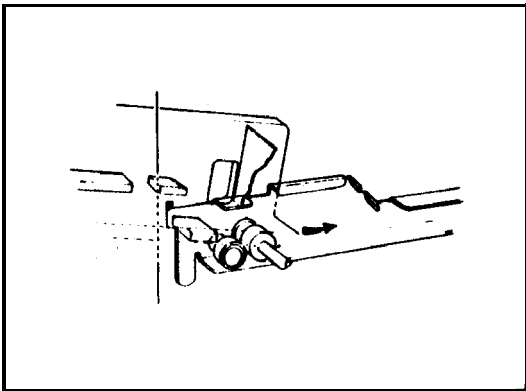
## INSTALLING A TRAY IN THE MERCHANDISER

- \* Study this procedure before you install a tray for the first time.
- \* While you are holding the tray you will not be able to see this area.
- \* Complete the following procedure when installing a tray:

1. Insert the tray so that the tray rollers pass over the tray-guide rollers.

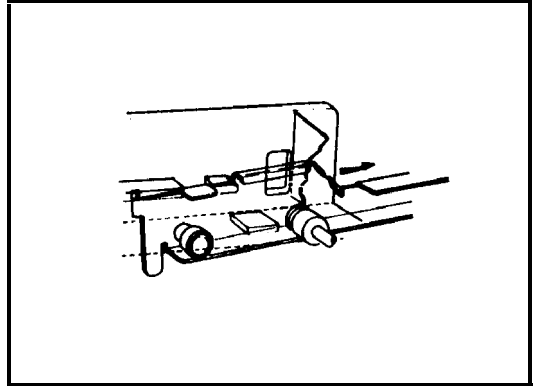


2. Bring the tray roller to rest on the tray guide.



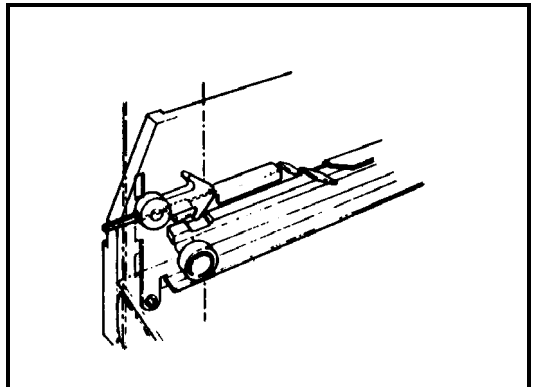
3. Tilt the tray upward.

4. Hold the tray up while pushing it toward the rear. Stop when the tab on the tray aligns with the opening in the tray guide.



5. Lower the tray until it rests on the tray-guide roller. Push the tray in all the way.

6. The tray retaining clip will fall into the locking position.

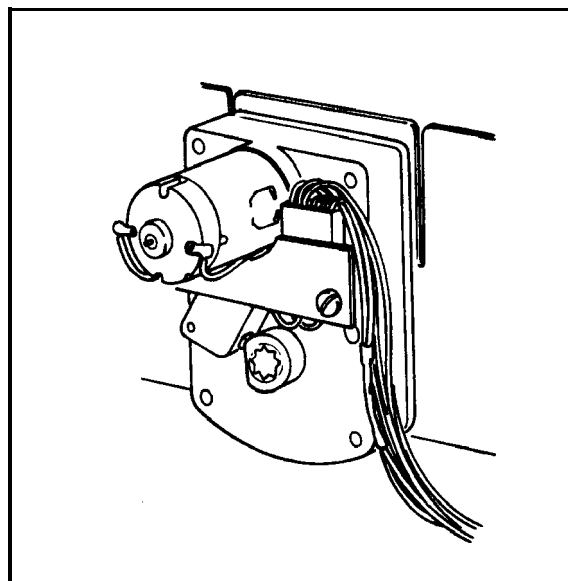


## **NOTE**

*Hold the header on the Motor Circuit Board whenever connecting or disconnecting a Motor Harness. This **will** help prevent breakage of the Circuit Board.*

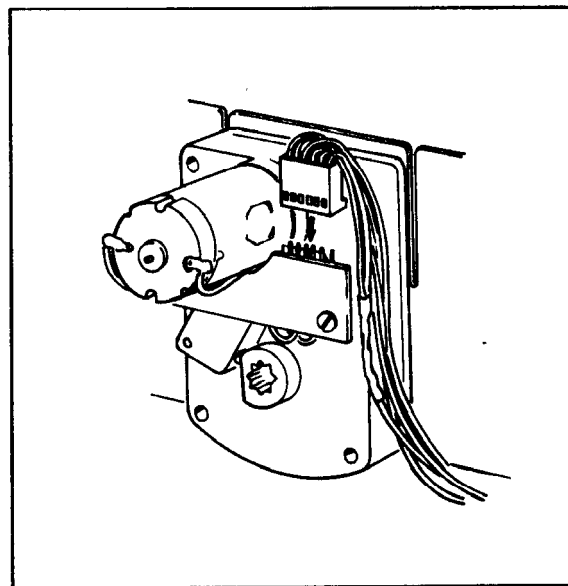
### **DISCONNECTING A MOTOR HARNESS**

- \* Pull the harness connector away from the circuit board.
- \* Tuck the unused part of the Harness out of the way in the trough at the back of the Tray.



### **CONNECTING A MOTOR HARNESS**

- \* Locate the harness connector for the tray position of interest.
- \* Push the harness connector over the header pins on the Motor Circuit Board.



### REMOVING A SPIRAL MOTOR

- \* Place the Tray in the loading position. See S-1
- \* Disconnect the Motor Harness. See s-11
- \* Remove the Spiral. See S-5
- \* Remove the Spiral Coupler. See S-6
- \* Lift the Motor clear of the Tray.

### INSTALLING A SPIRAL MOTOR (See Figure S-12a)

- \* Place the Tray in the loading position. See S-1
- \* Place the Motor in the correct position at the rear of the Tray.
- \* Place a Gear in position if required by this set-up. See S-8
- \* Install a Spiral Coupler. See S-9

### NOTE

*The Spiral Coupler  
holds the motor  
in place.*

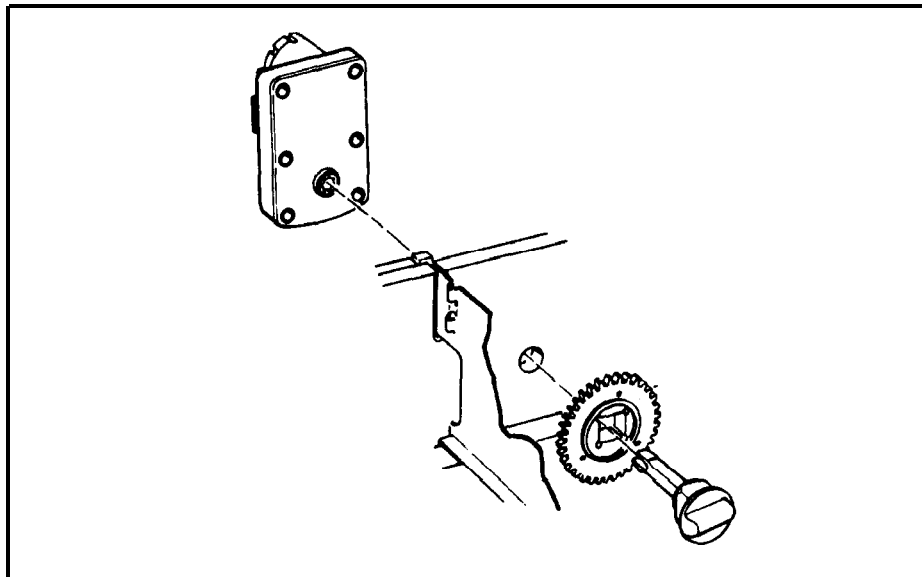


Figure S-12a

- \* Connect the Motor Harness. See s-11

- \* This merchandiser can be adjusted to vend taller products.
- \* When you increase the product height for one tray, you will be decreasing the product height available for the tray below, the tray above or sometimes for both of these trays.
- \* The Trays can be relocated as follows:

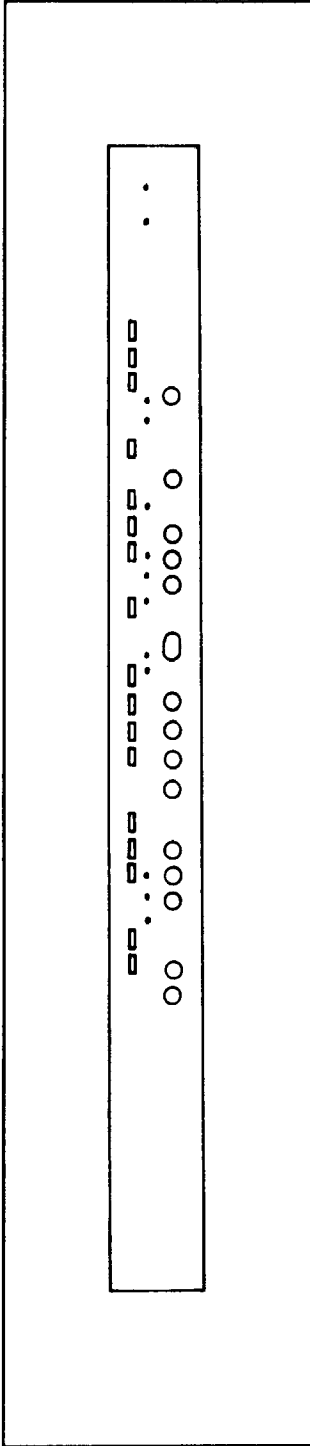
6-TRAY CONFIGURATION						
TRAY	A (BOTTOM)	B	C	D	E	F
POSSIBLE POSITIONS	1	2	3	3	3	3

- \* When relocating Trays, the following rules apply:

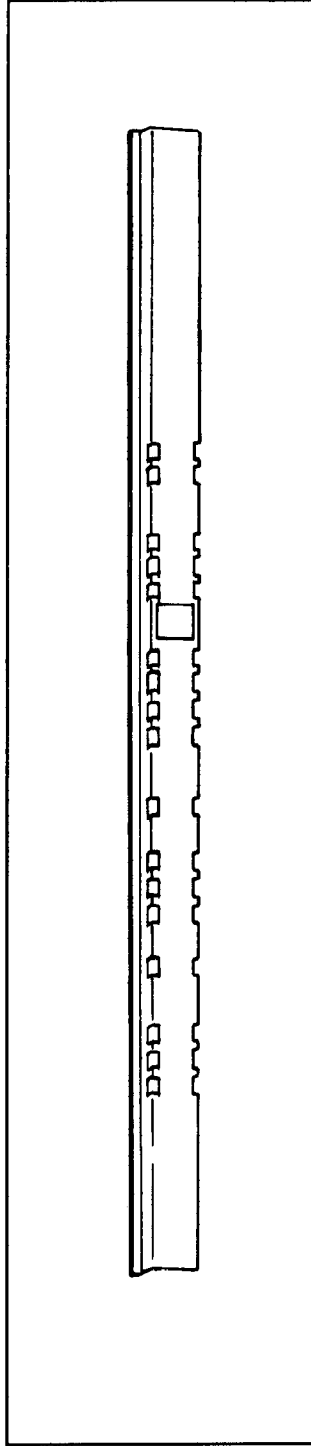
NEU POSITION OF TRAY BEING MOVED	ALLOWABLE POSITIONS FOR TRAY ABOVE	ALLOWABLE POSITIONS FOR TRAY BELOW
UPPER	MIDDLE UPPER	UPPER MIDDLE LOUER
MIDDLE	UPPER MIDDLE LOUER	UPPER MIDDLE LOWER
LOUER LOWER	UPPER MIDDLE LOUER	MIDDLE LOUER

\* The slot number used in the Tray-Guide Mounting Channels will be the same as the slot number used in the Receptacle Mounting Channel.

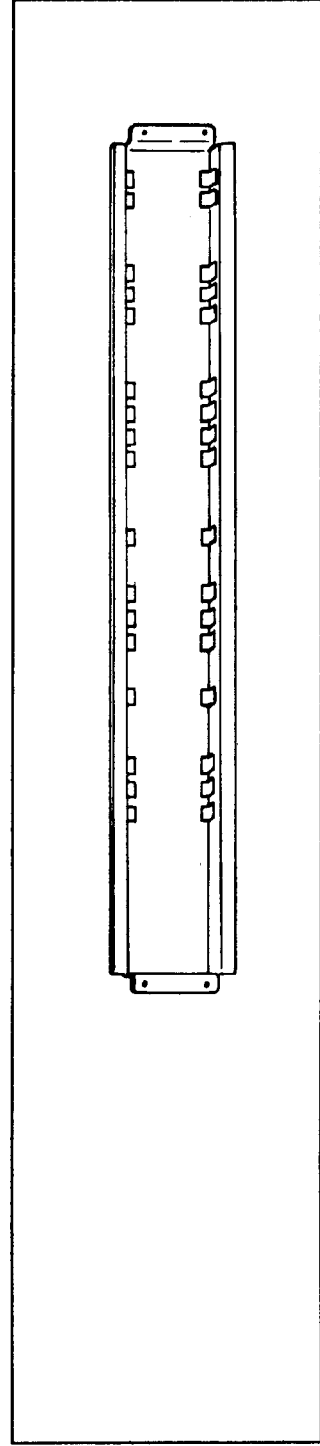
**FRONT GUIDE  
MOUNTING CHANNEL**



**REAR GUIDE  
MOUNTING CHANNEL**



**RECEPTACLE BLOCK  
MOUNTING CHANNEL**



## TO RELOCATE A TRAY

1. Remove the Tray from the merchandiser. See S-3
2. Remove the screw that secures the Left Tray-Guide to the Front Guide-Mounting Channel. See Figure S-13a.

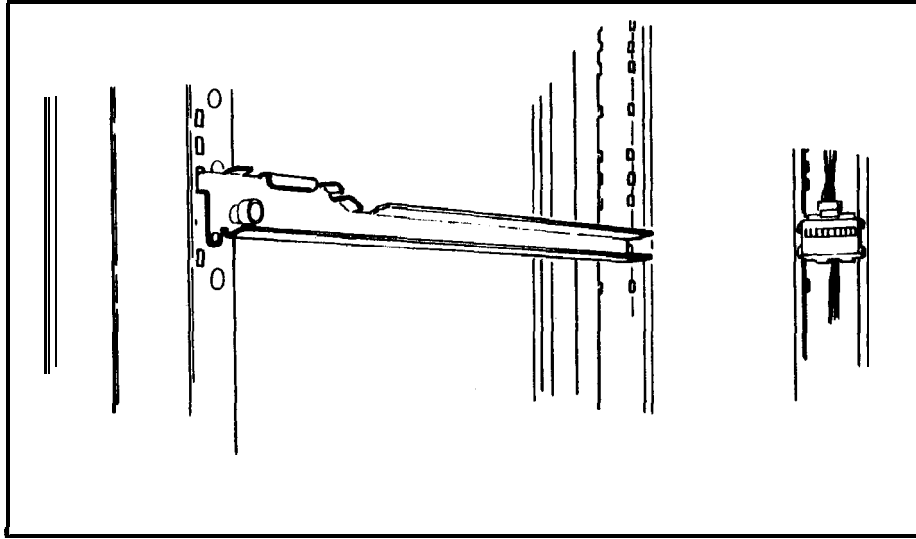


Figure S-13a

3. Tap up on the Tray Guide and unseat the Guide Rail tabs from the channel slots.
4. Pull the Guide Rail away from the Channels.
5. Move the Tray Guide to the desired position.
6. Insert the Guide Rail tabs into the Channel slots. See Figure S-13b.
7. Tap down on the Guide Rail to seat the tabs in the Channel slots.
8. Replace the screw that secures the Guide Rail to the Front Guide-Mounting Channel. See Figure S-13a.
9. Repeat Steps 2-8 for the Right Guide Rail.
10. Disconnect the Harness from the Receptacle Block. See Figure S-13a.
11. Press the blade of a slotted head screw driver between one of the Receptacle Block locking tabs and the Receptacle Mounting Channel. See Figure S-13c. This will unseat the locking tab.
12. Pull the Receptacle Block away from the Channel.
13. Move the Receptacle Block to the desired position.



14. Push the tabs of the Receptacle Block into the slots in the Channel.
15. Reconnect the Harness to the Receptacle Block.
16. Return the Tray to the Merchandiser. See s-10

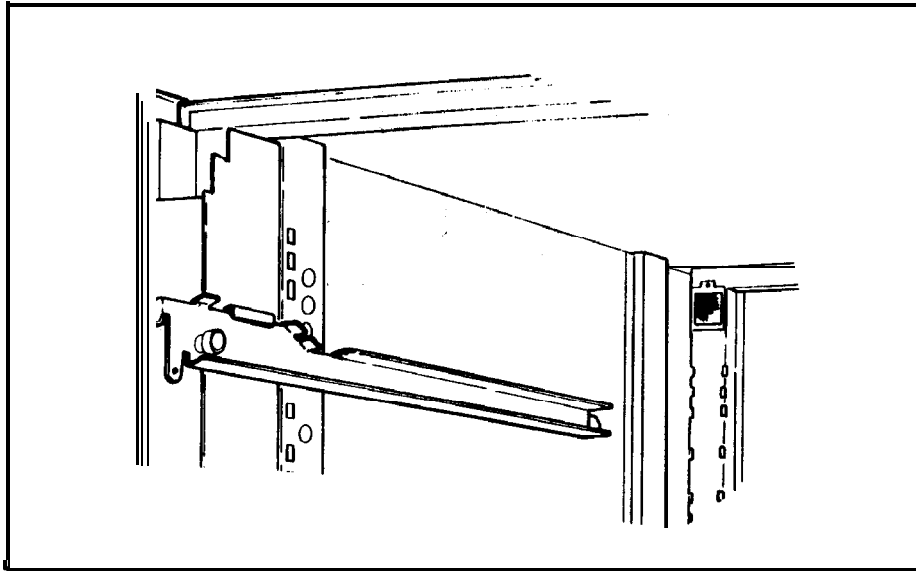


Figure S-13b

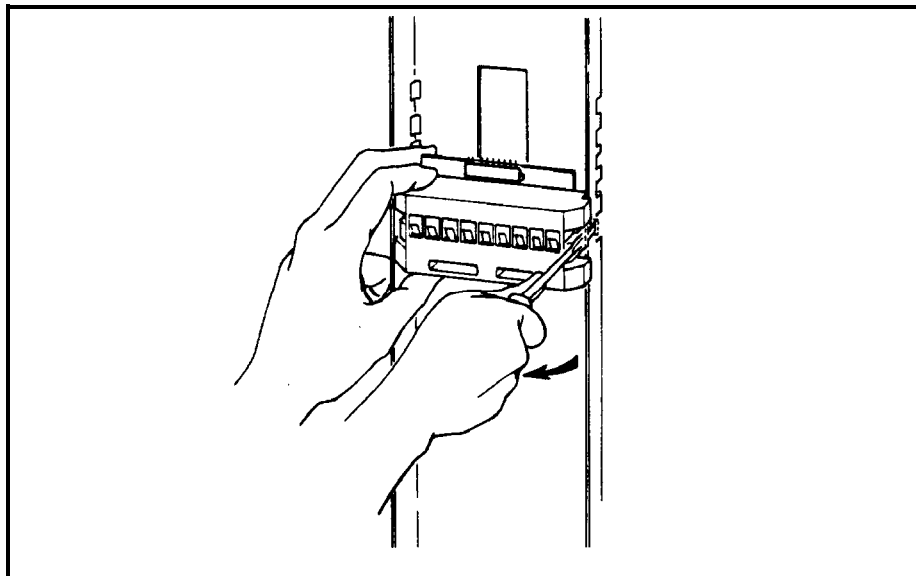


Figure S-13c

14. Push the tabs of the Receptacle Block into the slots in the Channel.
15. Reconnect the Harness to the Receptacle Block.
16. Return the Tray to the Merchandiser. See S-10

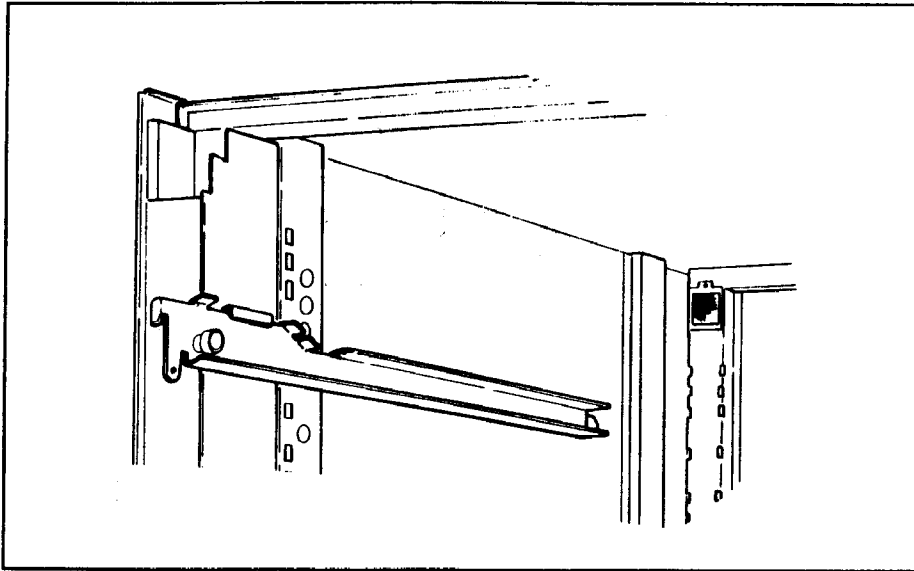


Figure S-13b

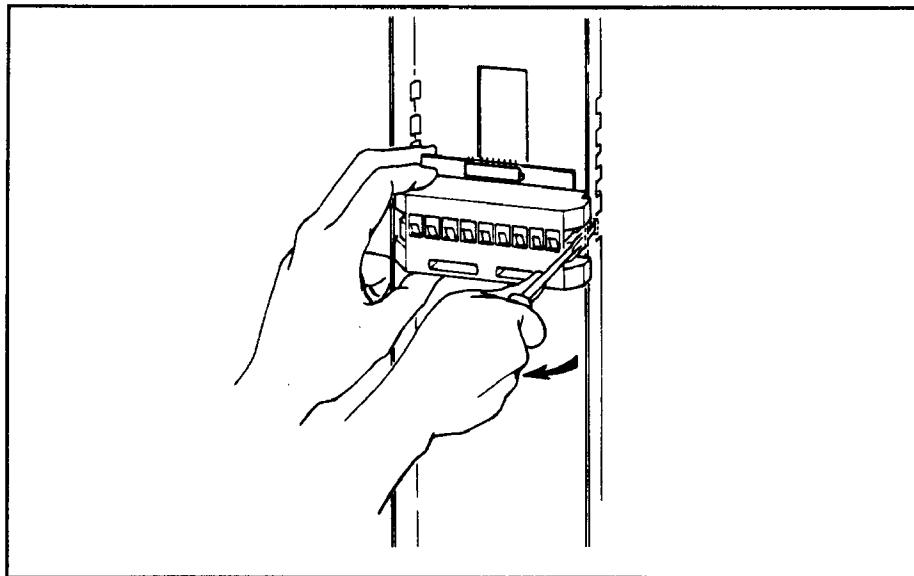


Figure S-13c

### INSTALLING A PRODUCT SPACER

Insert the mounting pins of the Product Spacer into the Column Divider. See Figure S-14a

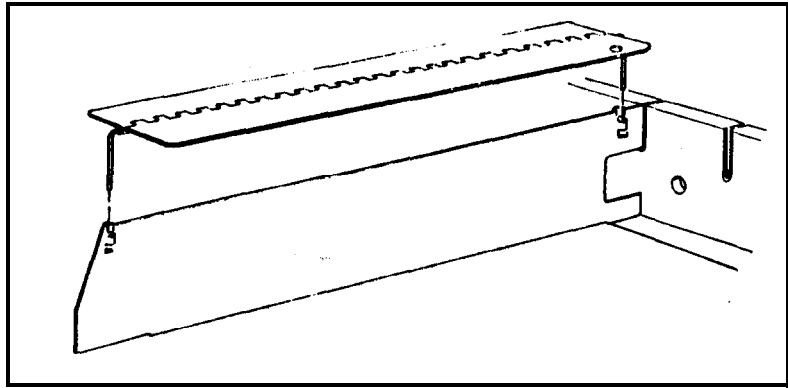


Figure S-14a

### ADJUSTING A PRODUCT SPACER

With product loaded in Tray, rotate the Product Spacer up or down to keep the product upright. See Figure S-14b.

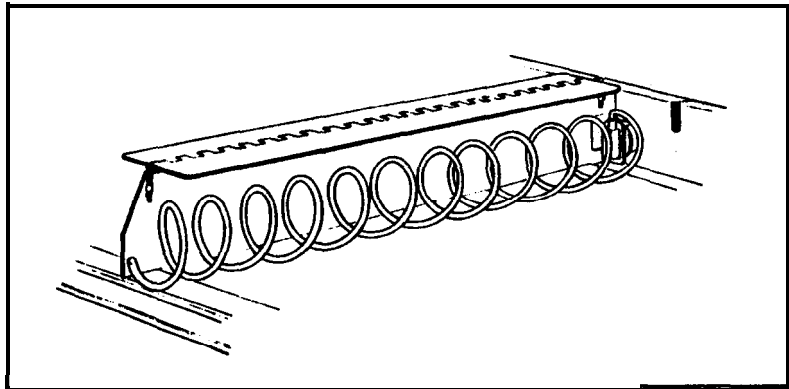


Figure S-14b

### REMOVING A PRODUCT SPACER

Pull the mounting pins of the Product Spacer from the Column Divider. See Figure S-14c.

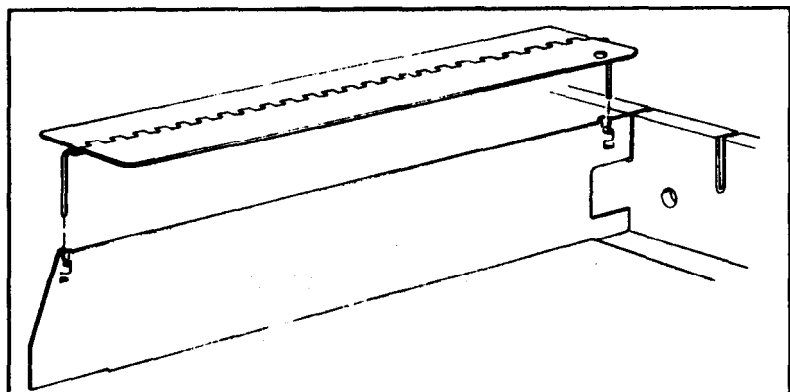
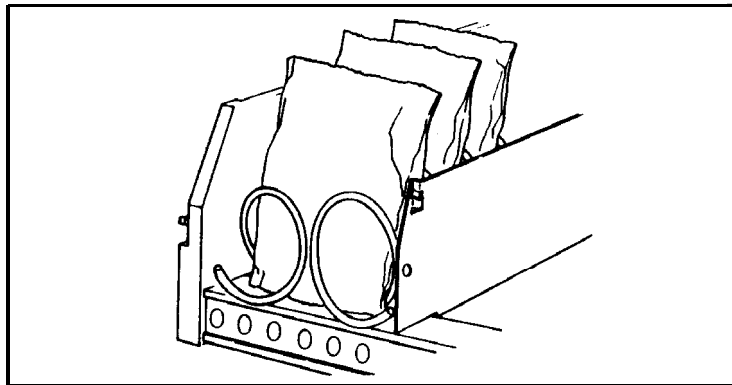


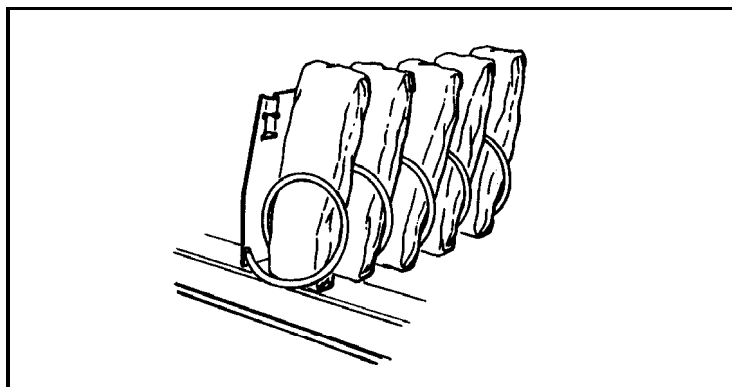
Figure S-14c

- \* Place Tray in the loading position. See S-1
- \* Begin loading products at the front of the Tray and work to the back.
- \* Position the product so the package rests on the tray.

**CORRECT LOADING  
OF SNACKS**



**CORRECT LOADING  
OF CANDY**



**NOTE**

*Be sure there are  
no empty positions  
between products  
in each Spiral.*

- \*DO NOT force the product into the Spiral.
- \* If the product is too tight or too loose, change the spiral size. See s-12

**SPECIAL CONSIDERATIONS**

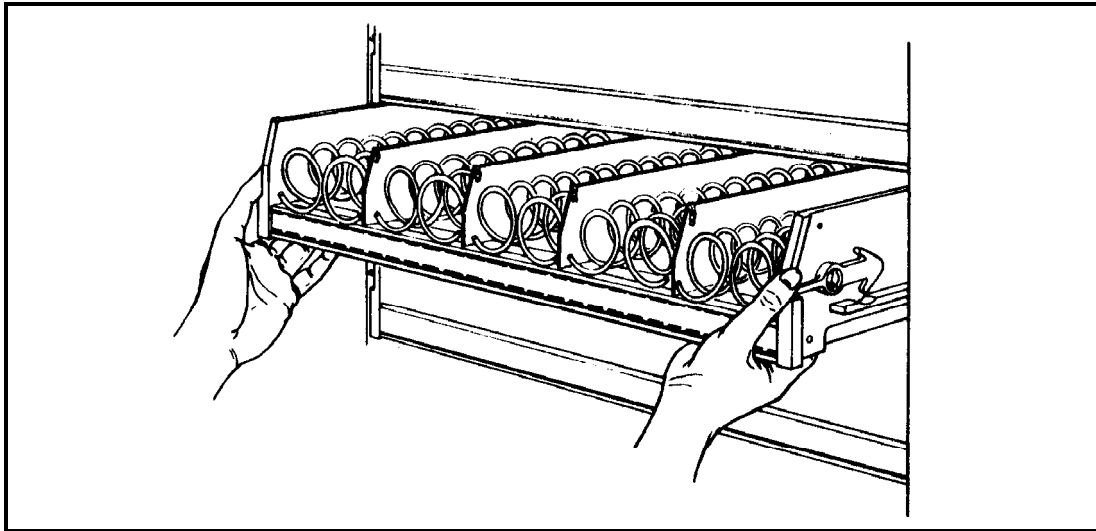
**Bagged Products** · position package upright, then push tops slightly toward the rear of the Tray

**Thin Packages** · position package upright

**KitKat** · the two right most candy columns are designed to accept the KitKat candy bar

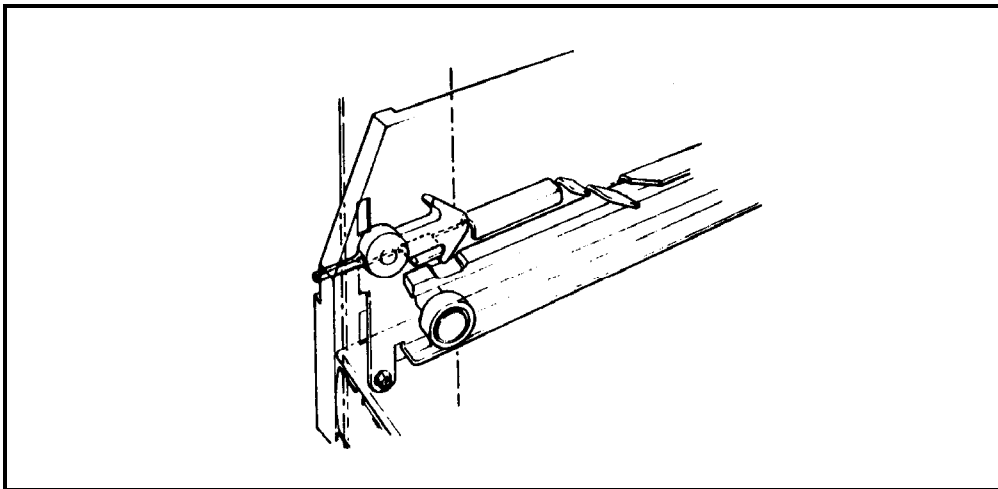
**WHEN THE TRAY IS IN THE LOADING POSITION:**

- \* Lift the Tray until it is parallel to the floor. See Figure S-16a.



**Figure S-16a**

- \* Push the Tray toward the back of the cabinet.
  - The connector on the back of the Tray mates with the Receptacle Block
  - The retaining clips on the sides of the Tray lock into position.



**Figure S-16b**

Price labels are printed on coiled-up rolls. You will find these in the plastic bag that contained this manual. See Figure S-17a.

There are two types of price rolls:

- \* Dollar Roll - 1 to 12 increments of 1
- \* Cents Roll - 00 to 95 increments of 05

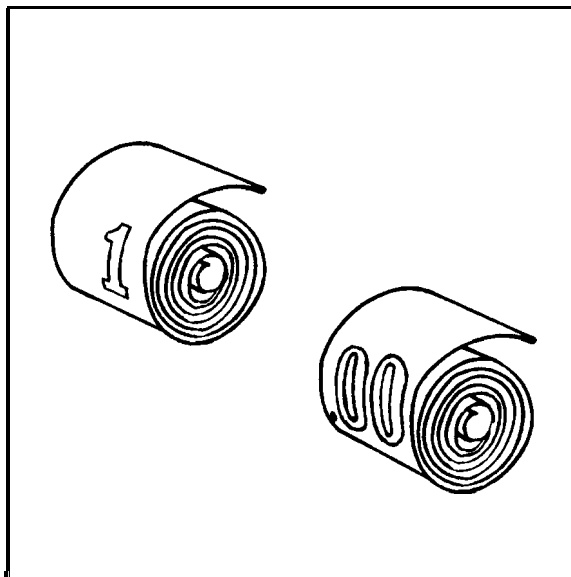


Figure S-17a

### INSTALLING PRICE LABELS

- \* There are three pairs of slots in the front of the Tray for each column position.
- \* Insert the dollar roll in the left-most pair of slots if the price is \$1.00 or more. See Figure S-17b.
- \* Insert the cents roll in the center pair of slots. See Figure S-17b.
- \* The low-number end of the roll goes in the top slot and the high-number end of the roll goes in the bottom slot.

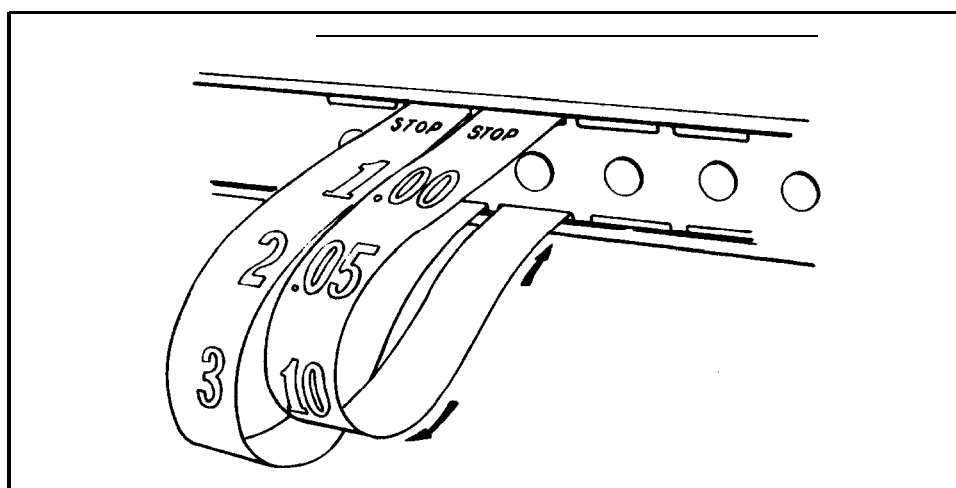


Figure S-17b

## ADJUSTING THE PRICE LABELS

\* You can set selection prices within the following range:

**Minimum Price \$ .00**

**Maximum Price \$12.95**

**Increment \$ .05**

\* Use your thumb to move each price roll up or down as needed to set the desired price. See Figure S-17c.

### NOTE

You will see the word **STOP**  
near either end of the roll.

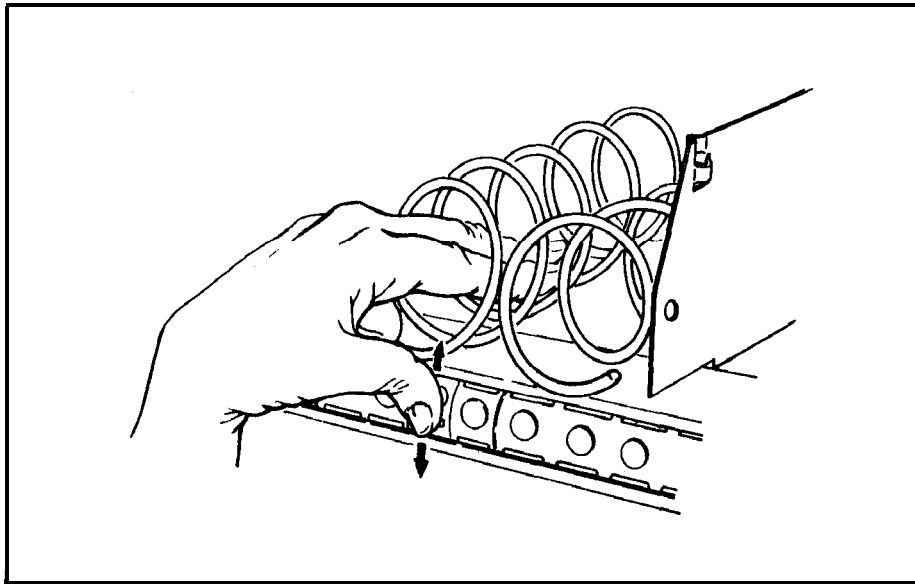


Figure S-17c

Selection ID Numbers are printed on clear plastic labels. You will find these in the plastic bag that contained this manual. See Figure S-18a.

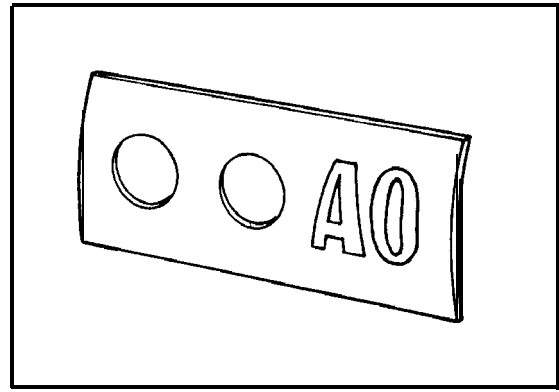


Figure S-18a

**INSTALLATION OF SELECTION ID NUMBERS**

- \* The price label should be installed first.
- \* Press the two long edges of the label together.
- \* Snap the label into position on the front of the Tray.  
See Figure S-18b.

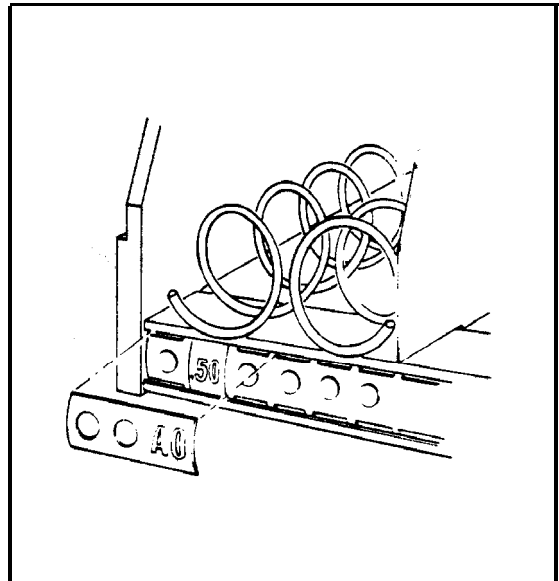


Figure S-18b

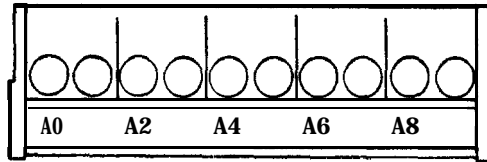
**WHICH LABEL GOES WITH WHICH SELECTION?**

		MICR POSITION									
TOP TRAY	TRAY A	A0	A1	A2	A3	A4	A5	A6	A7	A8	A9
	TRAY B	B0	B1	B2	B3	B4	B5	B6	B7	B8	B9
	TRAY C	C0	C1	C2	C3	C4	C5	C6	C7	C8	C9
	TRAY D	D0	D1	D2	D3	D4	D5	D6	D7	D8	D9
	TRAY E	E0	E1	E2	E3	E4	E5	E6	E7	E8	E9
BOTTOM TRAY	TRAY F	F0	F1	F2	F3	F4	F5	F6	F7	F8	F9



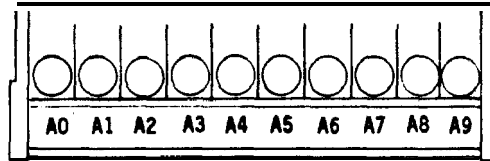
EXAMPLE OF A  
BASIC SNACK  
TRAY

LABEL TO USE

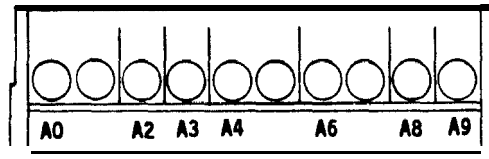


EXAMPLE OF A  
BASIC CANDY  
TRAY

LABEL TO USE

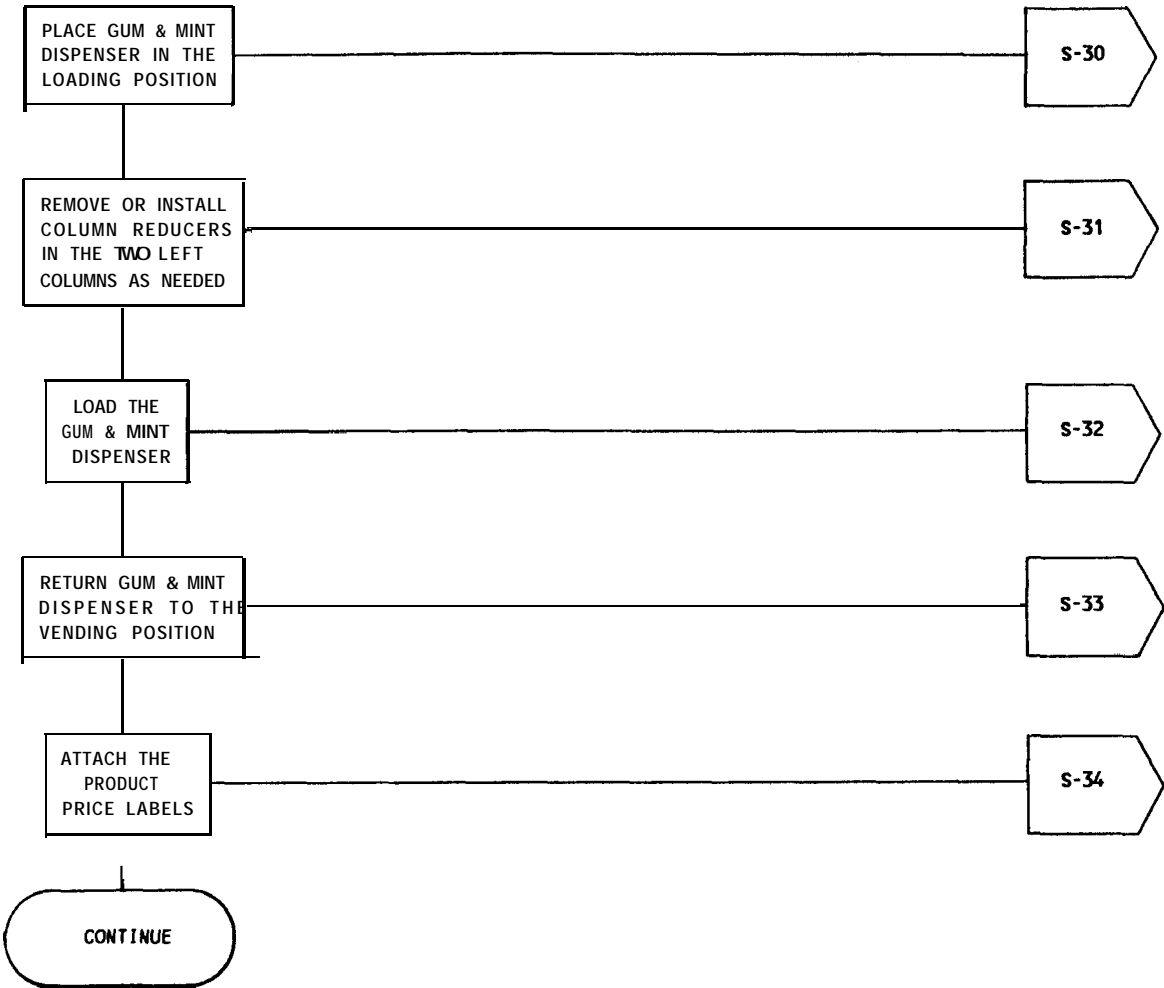


EXAMPLE OF A  
COUPLED CANDY  
TRAY



\* When motor positions have been coupled together, the SMALLEST EVEN-NUMBERED position within the group will be the selection ID Number that you should use for this selection.

MECHANICAL SET-UP OF GUM & MINT DISPENSER



- \* The Gum & Mint Assembly is hinged to the Delivery Pan Assembly.
- \* The Gum & Mint Assembly is held in the vending position by two magnets.
- \* On version number 1, pivot the Gum & Mint Assembly upward until the support arms fall into the locked position. See Figure S-30a below.
- \* On version number 2, the Gum & Mint assembly is held in the loading position by a hook and a loop. One end of the hook is attached to the right side of the door. The loop is mounted on the right side of the Gum & Mint assembly. Use the loop as a handle and raise the Gum & Mint magazine with your left hand. Use your right hand to move the free end of the hook so it catches the loop. This will hold the magazine while you are loading it with product. See Figure S-30b below.
- \* The lid of the Gum & Mint assembly is held closed by two magnets.
- \* Pivot the lid up and back until it is a little past the vertical position.
- \* The Gum & Mint Assembly is now in the loading position

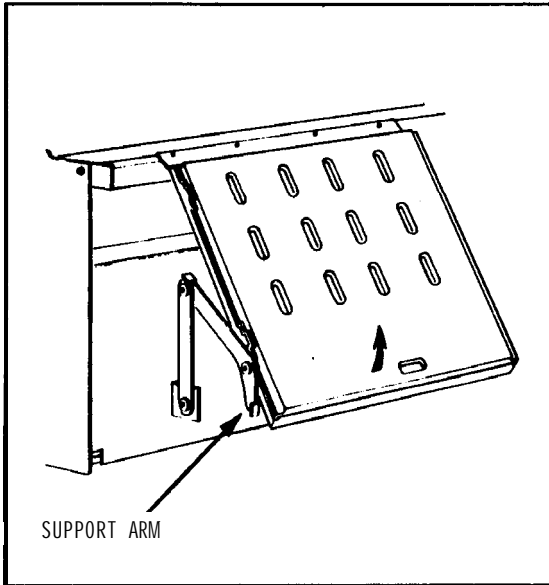


Figure S-30a Version Number 1

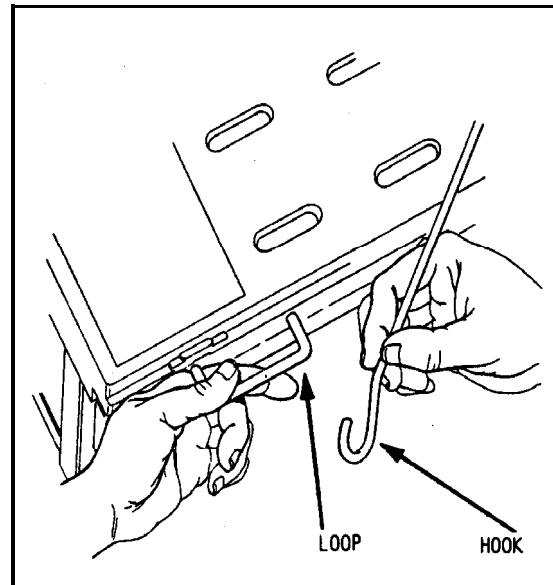


Figure S-30b Version Number 2

- \* The two left-most vending columns (as seen from the loading side) can be adjusted for two different widths.
- \* When a column reducer is in place, the width of the column will be 3-1/16 inches.
- \* When the column reducer is removed, the width of the column will be 3-7/8 inches.

**TO REMOVE A COLUMN REDUCER**

- \* Pull the reducer away from the cabinet door to disengage the locking tabs.
- \* Lift up to remove the reducer from the Gum & Mint Assembly.

**TO INSTALL A COLUMN REDUCER**

- \* Place the reducer on the Gum & Mint Dispenser so the locking tabs are in the slots.
- \* Push the reducer toward the cabinet door to lock the reducer in position.

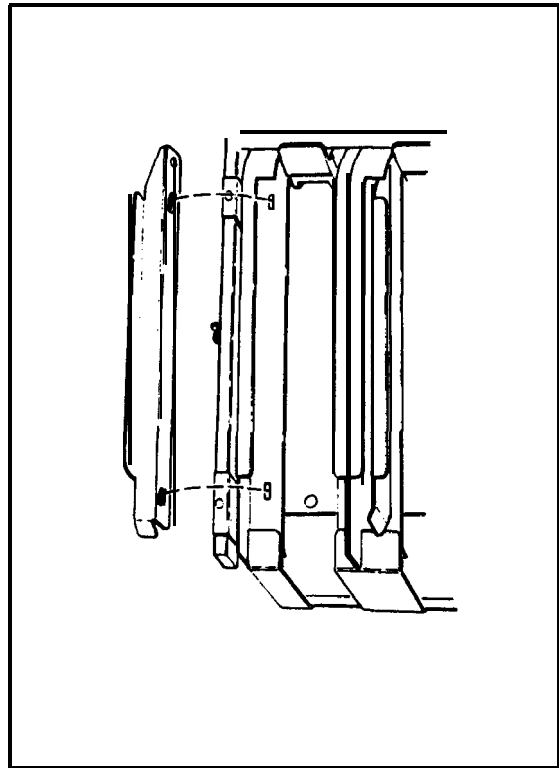


figure S-31a

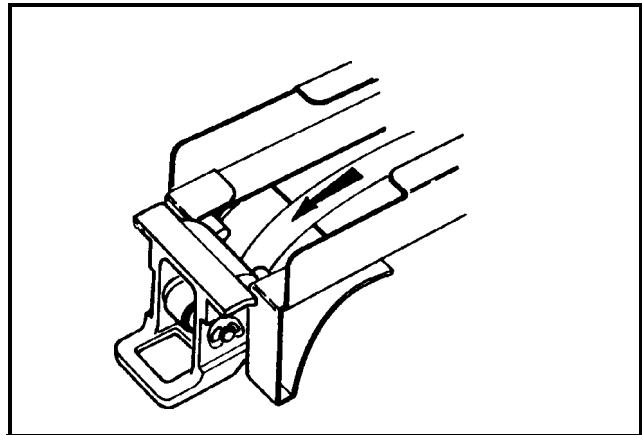
\* **Complete the following steps when loading the Gum & Mint Dispenser:**

**CAUTION**

*Keep your hand on the product pusher until it is locked in place. Failure to do so may result in damage to the Dispenser or in personal injury.*

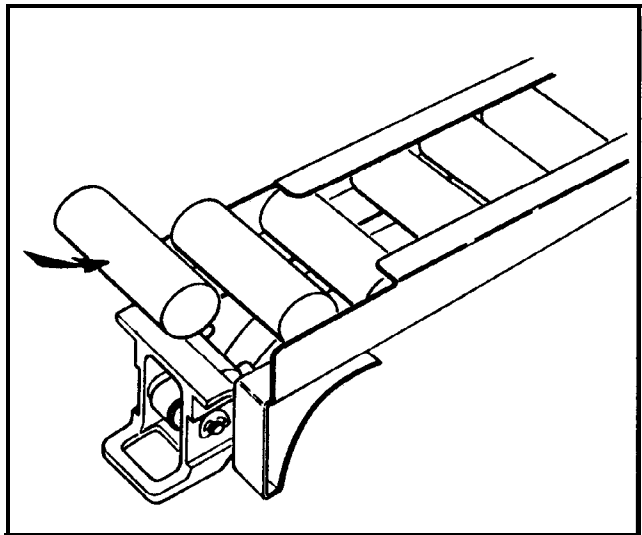
**1. Move the product pusher into the loading position.**

- Pull back on the pusher.
- Pull down on pusher and lock the front glide into position.



**2. Load the product.**

- Push product forward.
- Be sure last item is completely under the product retaining lip.

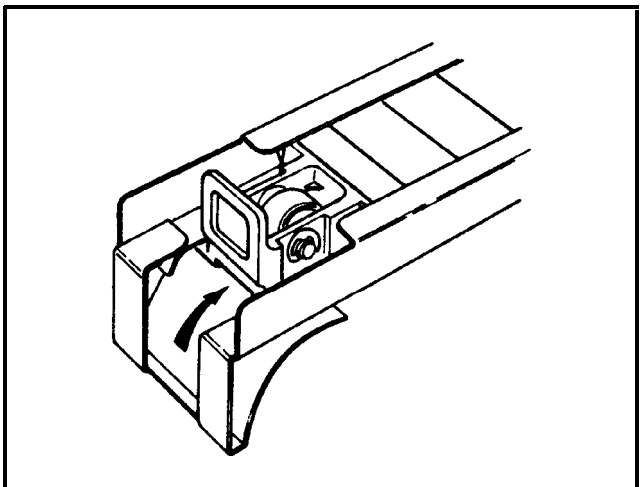


**CAUTION**

*Keep your hand on the product pusher until it comes to rest behind the last item in the column. Failure to do so may result in damage to the dispenser, damaged product or personal injury.*

**3. Move the product pusher into the dispensing position.**

- Pull pusher down to unlock the front glide.
- Guide the pusher toward the product.



- \* All product pushers should be in the vending position.
- \* Close the lid of the Gum & Mint Assembly.
- \* On version number 1, hold the assembly as shown in Figure S-33a. While your fingers are supporting the magazine assembly on the bottom side, press down on the support release tabs with your thumbs and lower the magazine back into the vending position.

WARNING

Your hands must be in the position shown in Figure S-33a. In addition, continue to hold the magazine assembly until it has been fully lowered. You may be injured if you do not follow this procedure.

- \* On version number 2, hold the loop on the right side of the magazine with your left hand. Release the hook with your right hand and lower the magazine. Continue to hold the loop until the magazine has been fully lowered.
- \* Pivot the Gum & Mint Assembly back to the vending position.

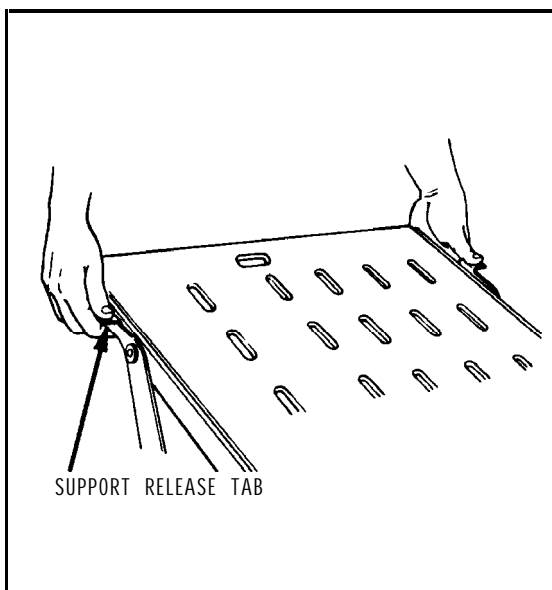


Figure S-33a Version Number 1

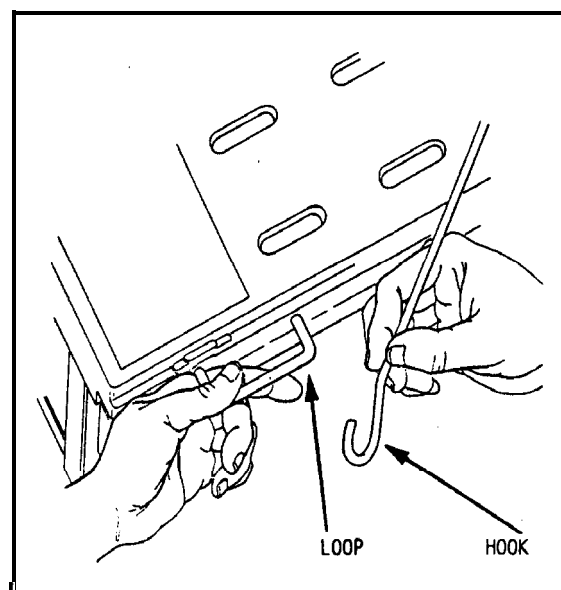


Figure S-33b Version Number 2

- \* The column ID labels have already been attached to the rear delivery door.
- \* A set of self-adhesive price labels are in the plastic bag that contained this manual.
- \* Stick the desired price label next to the column ID number as shown in Figure S-34a.
- \* Peel the old price label off when you want to change the price for a selection.

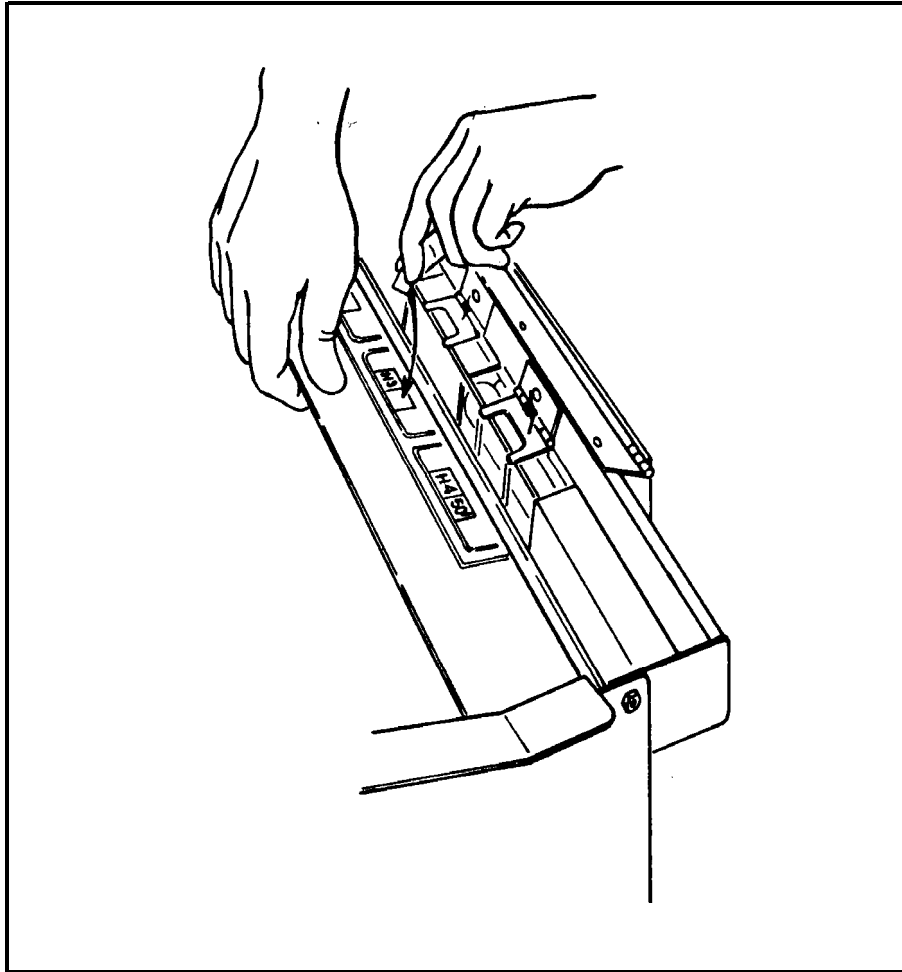
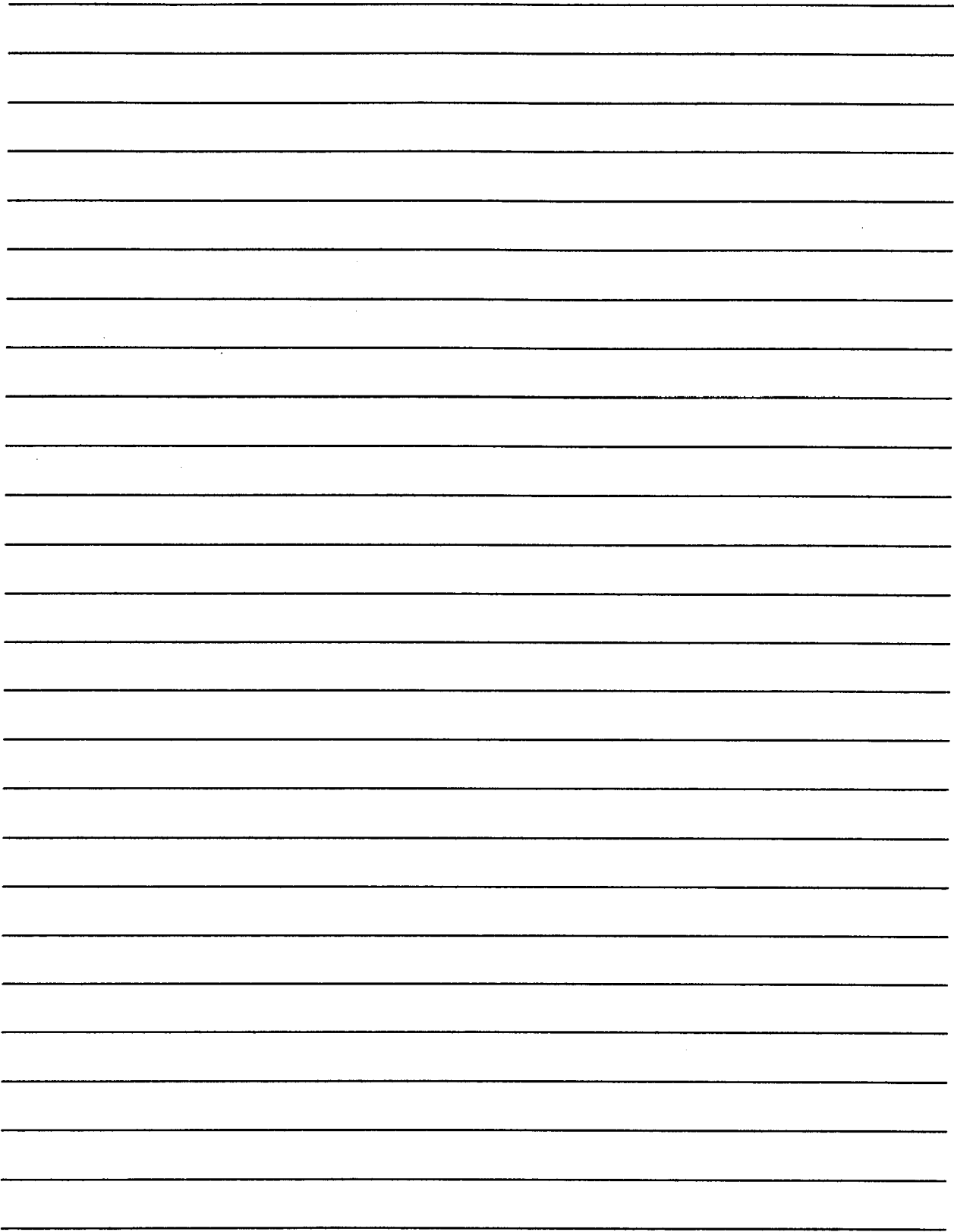


Figure S-34a





The information in this part of The SNACK CENTER Operation and Maintenance Manual has been provided to help you program the merchandiser to vend products and collect data. The SNACK CENTER is a very versatile merchandiser. The programming procedures in this manual can help you take advantage of all that the SNACK CENTER has to offer.

THESE PROGRAMMING INSTRUCTIONS  
ARE FOR USE WITH

**SOFTWARE VERSION 10AA5**

## PROGRAMMING THE SNACK CENTER

- \* SNACK CENTER programming is structured in a matrix.
- \* Most of the tasks you will want to complete are joined together within this matrix. However, TEST VEND and *FREE VEND* are not part of the matrix.
- \* The Basic Programming Method should be used in the beginning. This method is easy to learn.
- \* The Advanced Programming Techniques can be used later if you wish. As you become more comfortable with programming the SNACK CENTER, these techniques can save you time.
- \* All programming is done by using the Function Selection Panel, the Selection Switch Panel and the Credit Display.

### THE BASIC PROGRAMMING METHOD

1. Look in the Programming Directory for the task you want to complete. The Programming Directory is in the center of this section.
2. The Procedure Number is your key to locating the procedure that will enable you to complete your task.
3. Locate the indicated procedure. A collection of Programming Procedures is at the end of this section.
4. Complete the sequence of steps given in the procedure.
5. Repeat Steps 1-4 as often as necessary.

### A PROGRAMMING EXAMPLE USING THE BASIC METHOD

TASK TO BE COMPLETED: Retrieve *FREE SALES for Tray C*

1. Locate the task in the Programming Directory.
2. The Procedure Number is **P2-8b**.
3. **Make sure you can locate Procedure P2-8b** in the collection of Programming Procedures. In order to help you learn the method better, Procedure P2-8b will also be presented with this example.

4. The following is a step-by-step explanation of the procedure.

\* Start at the top and work your way down in the Tray Column on the left side of the procedure table.

\* You should complete each step when an "X" appears in the Tray Column. When the "X" is missing, continue down the column to the next "X".

When You Enter This Keystroke ...	This Will Happen ...	
DATA	You will enter the DATA mode	
→	You will enter the COUNTER category	
↓	You will enter the SALES category	
→	You will enter the TOTAL SALES sub-group	
↓	You will enter the FREE SALES sub-group	
→	You will enter the Machine Level FREE SALES retrieval procedure	
→	You will enter the Tray Level FREE SALES retrieval procedure The display will show A*F\$ XXXXX	
C	The display will show C*F\$ XXXXX ----- XXXXX is the value of the FREE VEND Sales for Tray C.	
At this point, you have some options.		
O P T I O N S	Close the monetary door	This will end the programming session.
	Press another function switch	This will allow you to begin another programming procedure
	Use an Advanced Technique	These will be explained under "Advanced Programming Techniques"