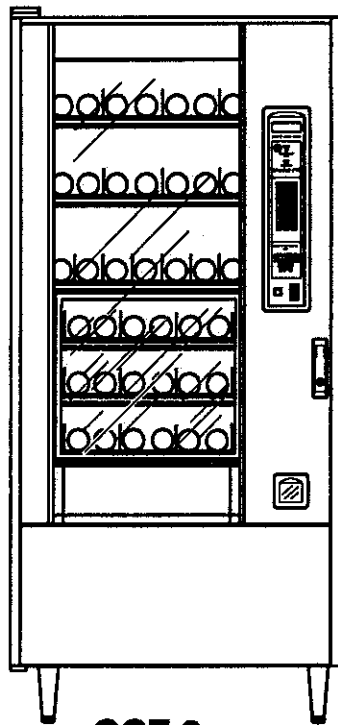# GCF-2/GSC-8 Operation and Service Manual

GCF-2

GSC-8

COLD DRINKS

Glasco ™

12955 Enterprise Way
Bridgeton, MO 63044-1200
(314) 298-3510

This machine has been engineered to our own rigid safety and performance standards. It has earned a "Letter of Compliance" from NAMA indicating that it complies with sanitation and health guidelines recommended by the Automatic Merchandising Health-Industry Council (AMHIC) and it conforms with all other NAMA safety recommendations. This machine has been FCC verified.

This machine has been manufactured in accordance with the safety standards of both Underwriter's Laboratories and the Canadian Standards Association. To maintain this degree of safety and to continue to achieve the level of performance built into this machine, it is important that installation and maintenance be performed so as to not alter the original construction or wiring and that replacement parts are as specified in the parts section of your *Service Manual*. Your investment in this equipment will be protected by using this *Service Manual* in your operation, service, and maintenance work. By following prescribed procedures, machine performance and safety will be preserved.

These merchandisers are warranted for one (1) year against defective parts and workmanship. Any part or parts which are proven to be defective within one (1) year of the date of shipment will be repaired or replaced free of charge when the defective part is returned, with transportation charges prepaid, to the destination designated by the Glasco Warranty 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. This warranty is null and void in the event of vandalism, fire, or negligence on the part of the operator.

No warranty is given or implied on incandescent lamps, neon lamps, fluorescent lamps, ballasts, starters, or other expendable items. No warranty will be given when other manufactured components are installed in Glasco merchandisers.

Further, Glasco is not responsible for any cost of service rendered or repairs made on merchandisers or parts by anyone other than an authorized Glasco distributor, unless authorization to incur such expense has been given in writing by Glasco prior to incurring such expense.

This warranty is in lieu of all warranties expressed or implied, including, without limitation, warranties of merchantability and all other obligations or liabilities on the part of Glasco. Furthermore, Glasco 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.

Glasco ™
12955 Enterprise Way
Bridgeton, MO 63044-1200

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GCF-2/GSC-8 Operation and Service Manual

TABLE OF CONTENTS

How To Use The Parts List

This manual contains a parts list for each repairable assembly in the merchandiser. Each parts list contains information you will need when you want to order parts. Column one is labeled "FIGURE INDEX NUMBER". The number to the left of the dash is the figure number and the number to the right of the dash is the index number of the part. To avoid confusion it is important to remember that all assemblies DO NOT have corresponding illustrations. Column two is labled "DESCRIPTION". The name of the part and a brief description are included in this column. There can be one, two, or three columns labeled "PART NO." and "QTY". Each set is labeled with the appropriate model number(s).

NOTE
If a part or an assembly is used in each of the models listed in a given table, it is only listed under the first set of columns. See Index 1 in the sample.

If the same part is used in each of the models listed in the table, but the quantities are different, different numbers will be listed in each of the QTY columns. See Index 2 in the sample.

When N/A appears in the PART NO. column, the part is not used in the corresponding model. See Index 3 and Index 4 in the sample.

For attaching parts (i.e. - nuts, screws, washers, etc.) the QTY column lists only the qualtity necessary to attach one part or assembly. See Index 5 in the sample.

If an assembly does not have a part number, a dashed line appears in the "PART NO." column.

ABBREVIATIONS USED IN THE PARTS LIST

CT	Count	RHS	Round head screw
HD	Head	S/T	Self-tapping
LGM	Light gauge metal	T/C	Thread cutting
LH	Left-hand	T/F	Thread forming
N/A	Not applicable	THS	Truss head slotted
PCB	Printed circuit board	W/Hd	Washer head
PHS	Pan head slotted	W/LW	With lock washer
RH	Right hand		

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SAMPLE

FIGURE INDEX NUMBER	DESCRIPTION	GCF-2 PART NO.	QTY	GSC-8 PART NO.	QTY
2-1	Insert - Coin	5231010	1		
2-2	Clamp - Cable 3/4 Inch	1592361	2		3
2-3	Spacer - Delivery Pan	7311258	1	N/A	
2-4	Spacer - Gum & Mint	N/A		6382649	
2-5	Bracket - Lamp Mounting	1497246	2		
	(Screw #8-32 x 1/4 RHS)	9991973	2		

HOW TO ORDER PARTS

The members of the parts department at your Glasco distributor are ready to serve you. Please have the following information ready when you call in your parts order:

Your account number
Name and model number of the merchandiser
Serial number of the merchandiser
Part number, complete description and quantity required for each part you wish to order.

MACHINE REQUIREMENTS AND CHARACTERISTICS

POWER REQUIREMENTS

Volts AC	115
Amps	15
Hz	60
Phase	Single
Outlet	3-pin
Type	Grounded

CHECKING THE POWER OUTLET

NEUTRAL HOT
GROUND

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 to 2.0 volts AC could result in noise problems for the electronic circuitry.
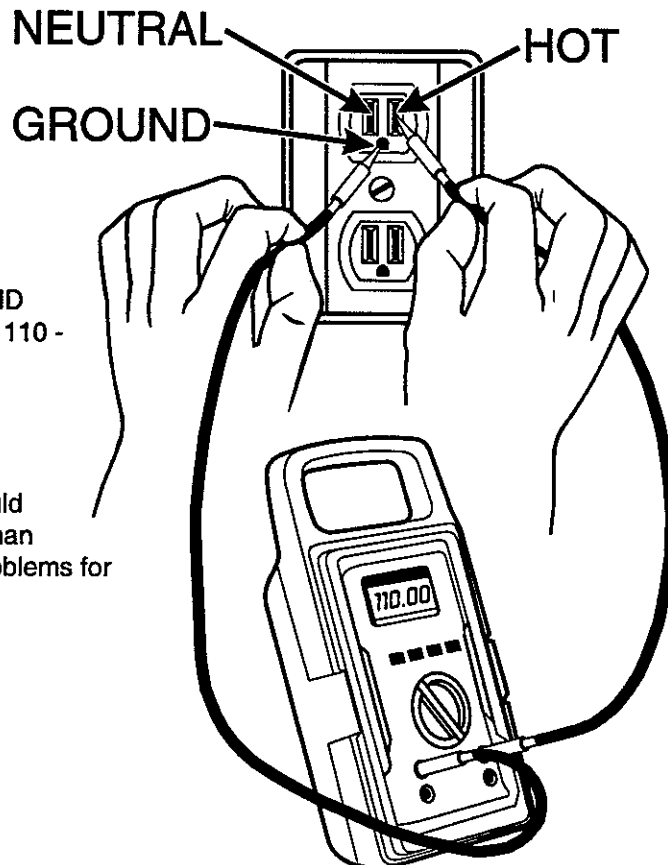
MAIN CONTROLLER PCB DISPLAY. This display consists of two light emitting diodes (LED) mounted on the controller PCB.

POWER ON
(L.E.D. 1)

When lit, this green LED indicates electrical power is applied to the controller PCB.

HEARTBEAT
(L.E.D. 2)

When flashing, this red LED indicates that the controller PCB is active, and the software is operating.

> **NORMAL CONDITIONS:**
> When the merchandiser is operating normally, you should see a steady green **POWER ON** indicator and a flashing red **HEARTBEAT** indicator. Contact a service representative if any other condition exists.

MAIN CONTROLLER
PCB ASSEMBLY

POWER ON
(L.E.D. 1)

FLASHING
HEARTBEAT
(L.E.D. 2)

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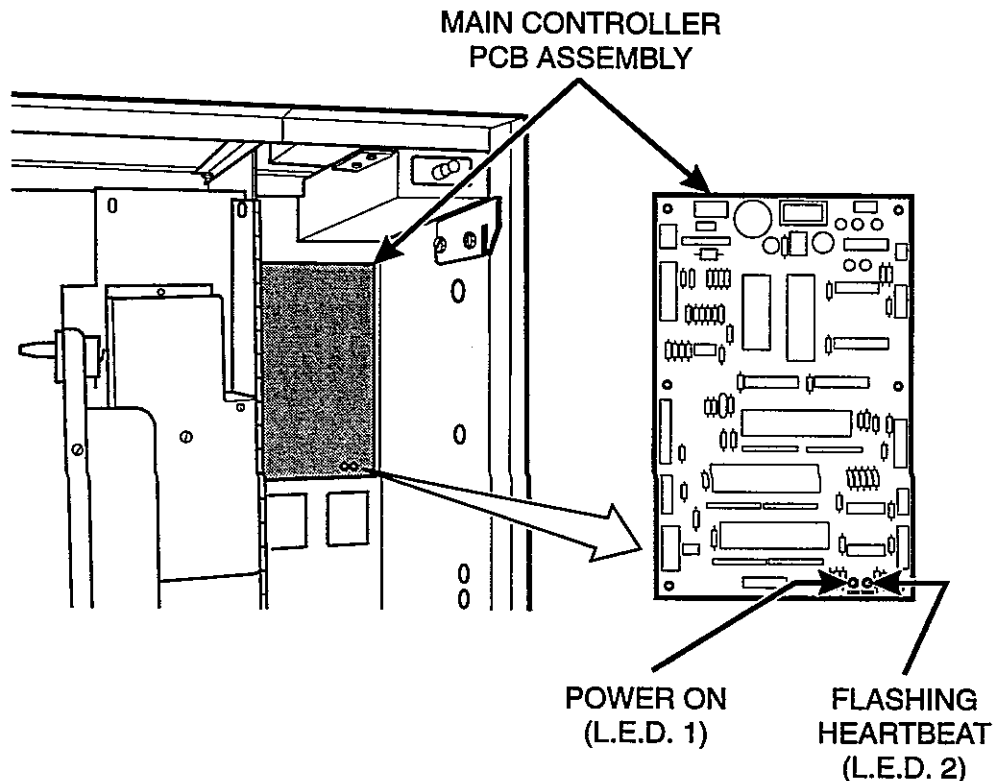
MACHINE SET-UP

1. 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. Make sure the power is turned off before proceeding with set-up.

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

✓ Change a fuse

✓ Change the fluorescent lamp

✓ Change the lamp starter

✓ Connect or disconnect a harness
> (Except a motor harness when the tray has been removed)

2. Read the following if you need to move the merchandiser through a narrow doorway. This merchandiser has the capability of passing through an opening as narrow as 30 inches by removing the cabinet extensions.

REMOVING THE TOP EXTENSION
Remove the two screws that secure each end of the extension to the sides of the cabinet. Remove the other four screws that secure the extension to the cabinet. Pull the extension forward to remove it from the merchandiser.

REMOVING THE BOTTOM EXTENSION
Remove the two screws that secure each end of the extension to the sides of the cabinet. 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
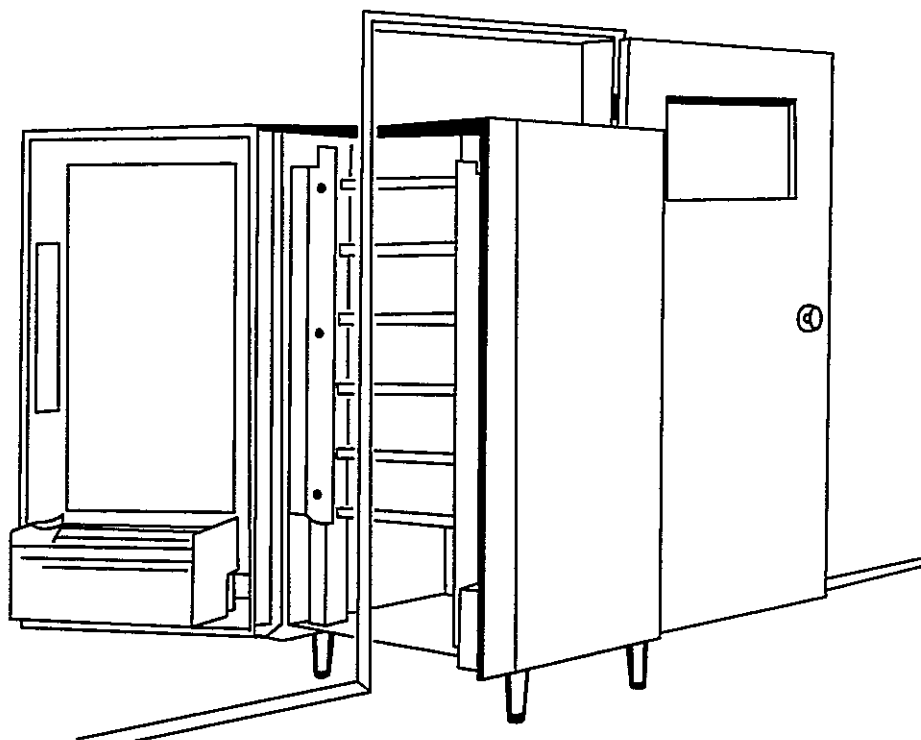
3. POSITIONING THE MERCHANDISER

The GCF-2 or GSC-8 can be positioned anywhere in a bank of machines. They can even be placed on an end flush against a side wall. However, there should be at least 4-6 inches of clearance between the merchandiser and the back wall. Finally, there should be enough room in front of the merchandiser for the door to open freely.

> **Warning**
> These machines are only rated for installation in an indoor location.

4. LEVELING THE MERCHANDISER

From a safety standpoint, it is very important that the merchandiser be level. A level merchandiser is less likely to tip over and cause personal injury. Level the merchandiser by moving the leg levelers in or out for proper adjustment. Pliers or channel locks may be required to loosen the leg levelers. Level the merchandiser from the right to left and from front to back using a spirit level. When the merchandiser is part of a bank of machines, it should be leveled in reference to the other machines.

Caution
Have an assistant hold the merchandiser while you adjust the leg levelers.

5.

COIN MECHANISM
Setting the Quarter Switch

If your coin mechanism is not a MARS TRC 6000, skip this procedure and begin loading the coin mechanism. If your coin mechanism is a MARS TRC 6000, flip down the top front of the mechanism and set the quarter switch as shown on the drawing to the right. Make sure switch #2 is in the down or "off" position.

HIGH QUARTER SWITCH
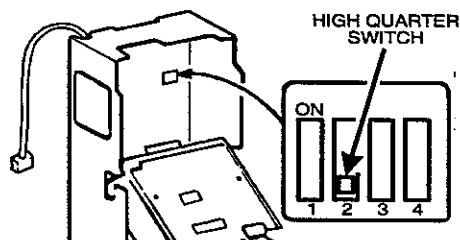
Loading the Coin Mechanism

1. Open the cabinet door and the monetary cabinet
2. Insert coins into their respective tubes. Make sure each tube is full.
3. Inspect the tubes for shingled coins and correct if necessary.

1. PUSH UP LATCH

2. PULL DOWN BILL STACKER
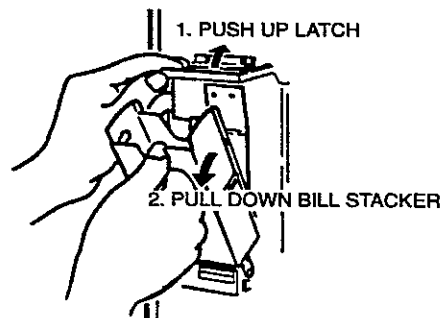
BILL VALIDATOR

Emptying the Stacker

1. Push up on the magazine latch to release the housing.
2. Open the magazine by pulling it down.
3. Remove the bills and close the magazine. Make sure it is secure.

3. REMOVE DOLLAR BILLS
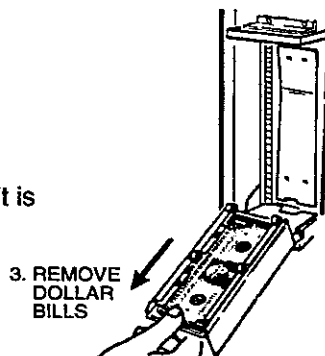
TRAY SET-UP

Putting The Tray In A Loading Position

Place both hands on the tray as shown in the figure below. Lightly push back on the tray with your palms.
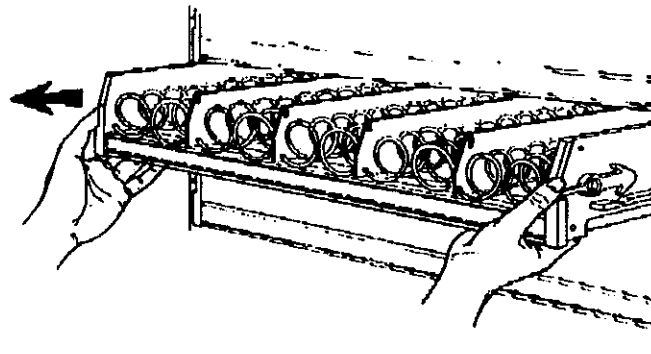
This will release the tray catches on the sides of the tray. Push down on the tray catches with your thumbs. Pull the tray forward until you hear and feel the rear rollers of the tray drop into a cut-out in the top of the guide rail. Continue pulling the tray forward into the loading position as shown in the figure below.
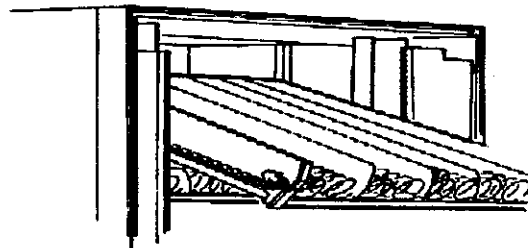
Removing A Tray

Push back on the tray slightly with your palms. This releases 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.

Lift up on the tray and slide it towards the back. No more than one inch should be required. The tab near the back of the tray should align with the cut-out in the top of the guide rail. Lift the tray clear of the guide rail and out of the merchandiser.

Removing Column Dividers

Push the column divider toward the back of the tray. Lift the column divider clear of the tray. Please refer to the figure below.
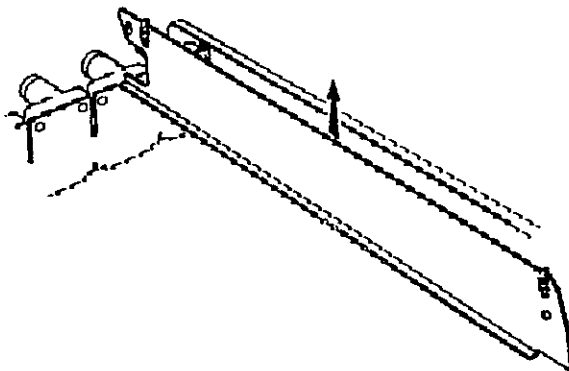
Removing And Installing Spirals

There are two important things you should remember about spirals:
- All spirals have the same diameter.
- There is a clockwise and a counter-clockwise spiral.

Spirals are available in six different capacities: 9, 11, 13, 15, 17, and 20. 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 towards the spiral. Lower the spiral into the tray column and insert the end of the spiral into the spiral coupler. Release the retaining clip.

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Removing A Spiral Coupler

Pinch together the prongs on the end of the spiral coupler. Pull the coupler forward to remove.
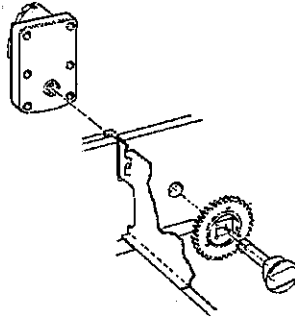
Installing A Spiral Coupler

Place gear in position if one is required for this set-up. Hold motor in place and push spiral coupler through the motor gear box until it clicks into place. When using a coupler bearing, hold the bearing in place and push the spiral coupler through the bearing until the coupler locks into position.

Installing A Gear

Gears are used to mechanically couple spirals together. This is required when you have two spirals and only one motor for vending a selection. The gear is placed between the back of the tray and the spiral coupler. There are two possible orientations for a gear.
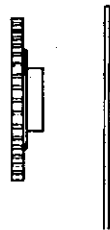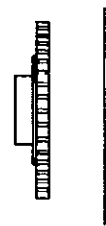
ORIENTATION 1   **ORIENTATION 2**

There are two rules to follow when orienting gears:

RULE #1   The gears for selections next to each other
can not use the same orientation.

RULE #2   All gears for a single selection must use the
same orientation.

Disconnecting A Motor Harness

First, grasp the header on the motor circuit board. This will help prevent breakage of the circuit board. Next, pull the harness connector away from the circuit board. Finally, tuck the unused part of the harness out of the way in the trough at the back of the tray.
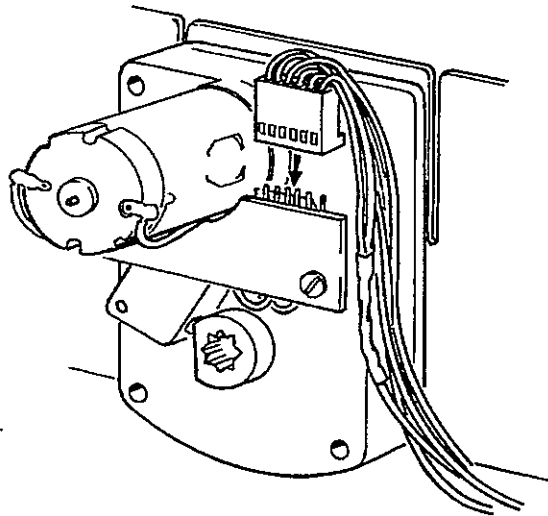
Connecting A Motor Harness

First, grasp the header on the motor circuit board. This will help prevent breakage of the circuit board. Next, locate the harness connector for the tray position of interest. Finally, push the harness connector over the header pins on the motor circuit board.

Removing A Spiral Motor (* = This procedure has been previously discussed)

First, place the tray in the loading position*. Then, disconnect the motor harness*. Next, Remove the spiral and the spiral coupler*. Finally, lift the motor clear of the tray.

Installing A Spiral Motor (* = This procedure has been previously discussed)

First, place the tray in the loading position*. Then, place the motor in the correct position at the rear of the tray. Place a gear in position if required*. Next, install a spiral coupler. Finally, connect the motor harness.

Installing A Tray In The Merchandiser

Insert the tray so that the tray rollers pass over the tray-guide rollers. Bring the tray roller to rest on the tray guide. Tilt the tray upward. While holding the tray up, push it towards the rear. Stop when the tab on the tray aligns with the opening in the tray guide. Lower the tray until it rests on the tray guide roller. Push the tray in all the way. The tray retaining clip will fall into the locking position.

Relocating A Tray

Remove the tray from the merchandiser. Remove the screw that secures the left tray-guide to the front guide-mounting channel. Refer to the figure below.
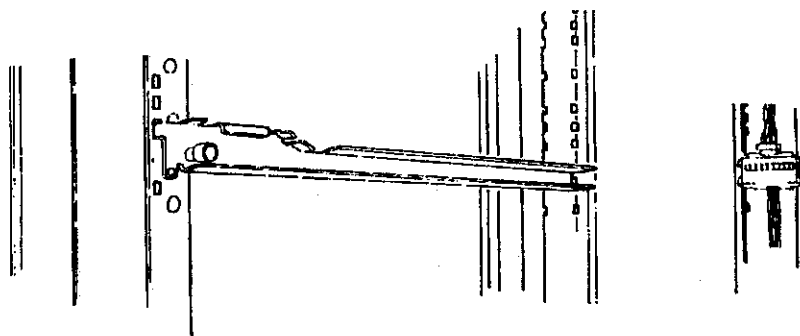
Tray Guide   **Receptacle Block**

Tap up on the tray guide and unseat the guide rail tabs from the channel slots. Pull the guide rail away from the channels. Move the tray guide to the desired position.

Insert the guide rail tabs into the channel slots. Tap down on the guide rail to seat the tabs in the channel slots. Replace the screw that secures the guide rail to the front guide mounting channel. Repeat this procedure for the right guide rail.

Disconnect the harness from the receptacle block. Press the blade of a slotted-head screw driver between one of the receptacle block locking tabs and the receptacle mounting channel. This will unseat the locking tab. Pull the receptacle block away from the channel and move to the desired position. Push the tabs of the receptacle block into the slots in the channel. Reconnect the harness to the receptacle block and return the tray to the merchandiser.

Product Spacer (Option)

Installing - Insert the mounting pins of the product spacer into the column divider

Adjusting - With tray loaded, rotate the product spacer to keep the product upright.

Removing - Pull the mounting pins of the product spacer from the column divider.

Loading A Tray With Products

(In General)
Place tray in the loading position. Begin loading products at the front of the tray and work towards the back. Position the product so the package rests on the tray. Be careful not to force a product into a spiral. If the fit is too tight or too loose, change the spiral size. Be sure there are no empty positions between products in each spirals.

(Special Considerations)

Bagged Products	-	position package upright, then push tops slightly towards rear of tray
Thin Packages	-	position packages upright
KitKat	-	the two right most columns of a candy tray are designed to accept the KitKat candy bar.

WARNING
Model GSC-8 does not have a health control circuit. It is not approved for the vending of perishible food items.

CORRECT LOADING OF
SNACKS
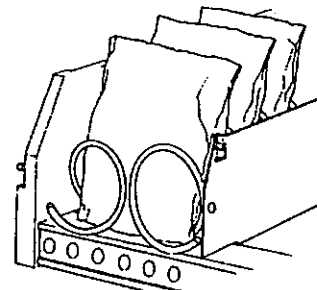
CORRECT LOADING OF
CANDY
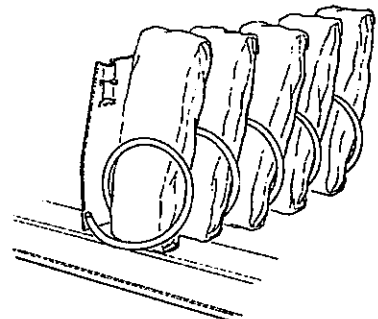
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Preparing the merchandiser for vending "Lunch Bucket"

Because of the weight and shape of the package, Glasco recommends that this product be vended only from the bottom tray. To vend this product, two adjacent positions must be coupled together. The left spiral coupler should be installed one position counter-clockwise from the vertical position. The right spiral coupler should be installed one position clockwise from the vertical position.

ONE POSITION COUNTER-
CLOCKWISE
FROM VERTICAL
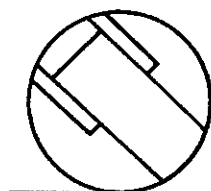
ONE POSITION
CLOCKWISE
FROM VERTICAL

RIGHT SPIRAL
COUPLER
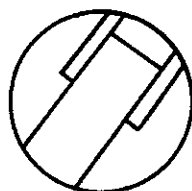
LEFT SPIRAL
COUPLER

AS VIEWED FROM THE FRONT OF THE TRAY

Replace the current spirals with six-count spirals. A pad can be installed in the bottom of the delivery pan to quiet and cushion the delivery. The figure below shows the correct loading of the "Lunch Bucket."

LUNCH BUCKET PRODUCT
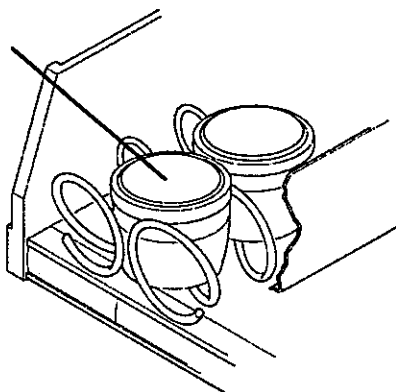
Positioning The Tray For Vending

Lift the tray until it is parallel to the floor. Push the tray towards the back of the cabinet. Mate the connector on the back of the tray with the receptacle block. Lock the retaining clips on the sides of the tray into position.

Price Labels

Price labels are printed on coiled-up rolls. You will find these in the plastic bag that contained this manual. There are two types of price rolls: Dollar rolls (1 to 12 in increments of 1) and Cents rolls (00 to 95 in increments of 05)
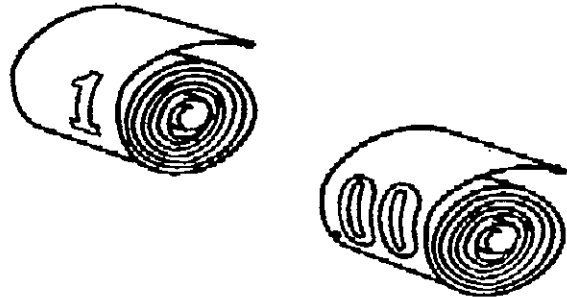
Installation

There are three pairs of slots in the front of the tray. Insert the dollar roll in the left-most pair of slots if the price is $1.00 or more. Insert the cents roll in the center pair of slots. The low-number end of the roll goes

PRESS TOP OF ROLL
PAST FLEXIBLE TAB
NEAR TOP EDGE

INSERT BOTTOM OF ROLL
THROUGH SLOT ALONG
BOTTOM EDGE
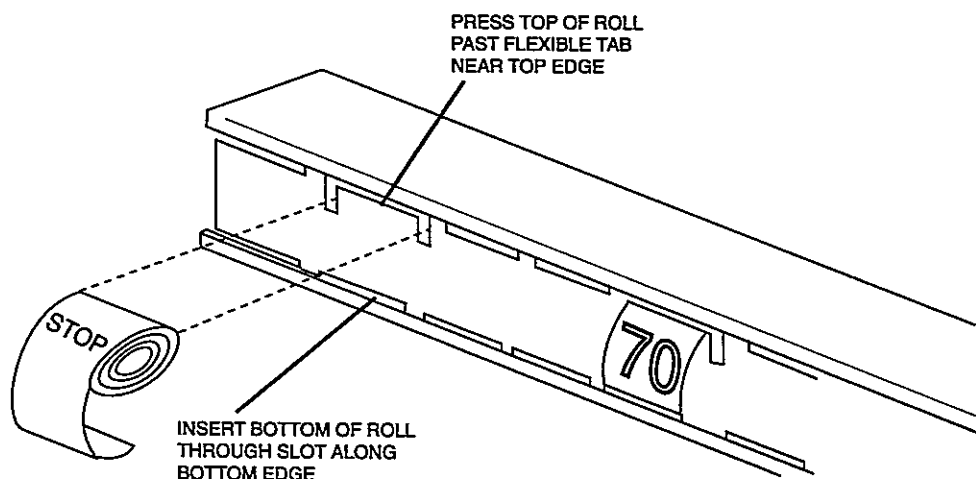
in the top slot and the high-number end of the roll goes in the bottom slot.

Adjustment

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.

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Selection ID labels

Selection ID numbers are printed on clear plastic labels. You will find these in the plastic bag that contained this manual.

Installation

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. The following table illustrates which label goes with which selection.

MOTOR POSITION

TOP
TRAY

BOTTOM
TRAY

TRAY A	A0	A1	A2	A3	A4	A5	A6
TRAY B	B0	B1	B2	B3	B4	B5	B6
TRAY C	C0	C1	C2	C3	C4	C5	C6
TRAY D	D0	D1	D2	D3	D4	D5	D6
TRAY E	E0	E1	E2	E3	E4	E5	E6
TRAY F	F0	F1	F2	F3	F4	F5	F6

**EXAMPLE OF A
BASIC SNACK
TRAY**

A0   A2   A4   A6
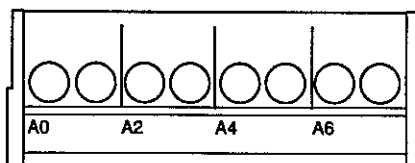
**EXAMPLE OF A
BASIC CANDY
TRAY**

A0   A1   A2   A3   A4   A5   A6   A7
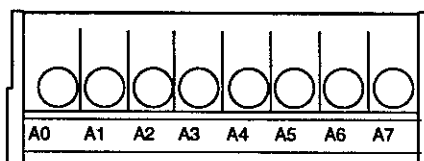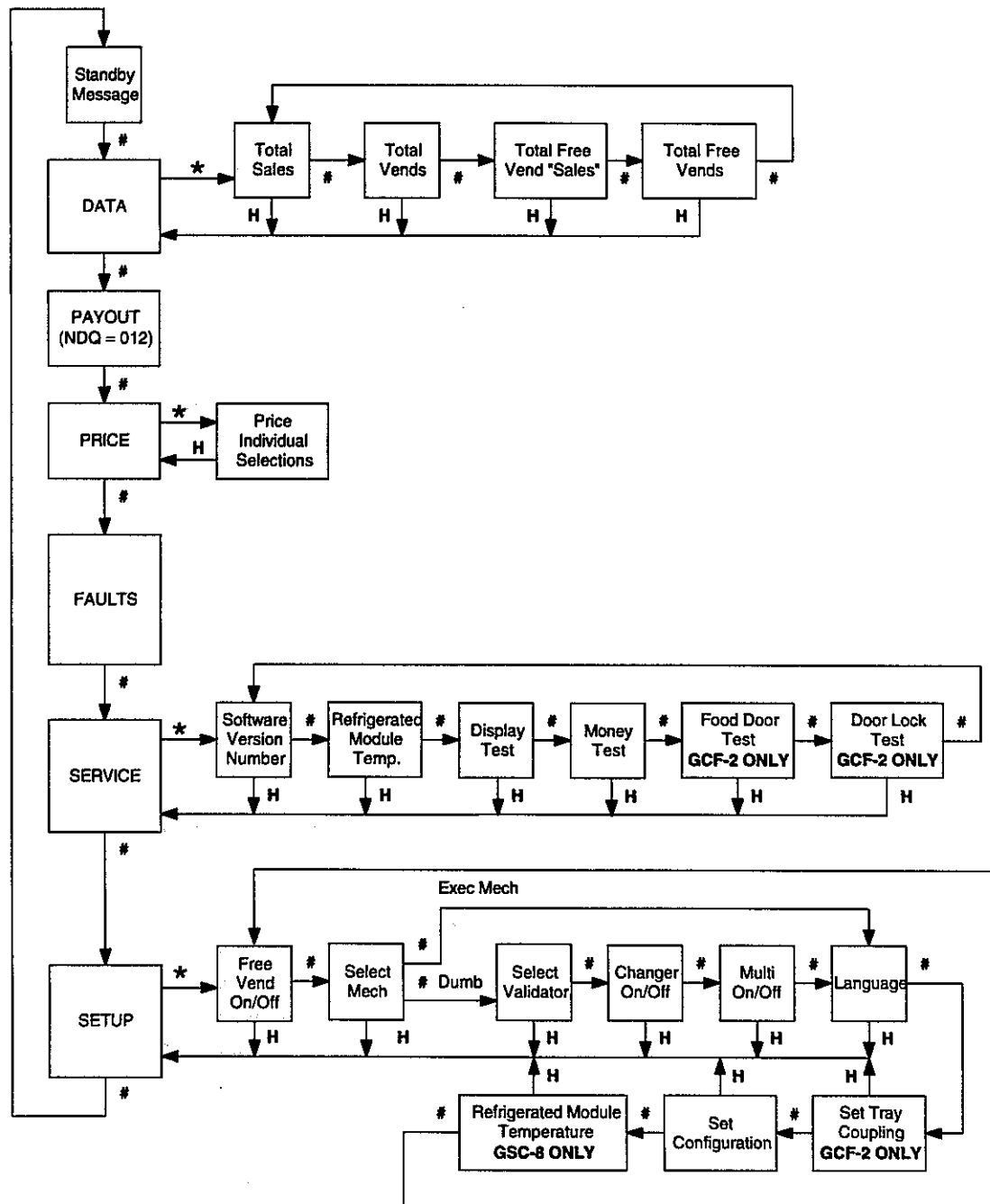
PROGRAMMING

The diagram on these pages is a map of the programming functions in your merchandiser. These functions will be described in greater detail, but this will help you get around once you are familiar with how programming works. The symbols **H**, ✱, and # represent special keys that move you around inside the programming modes, and from one mode to another. As you can see on the diagram, these symbols show up in the pathways in and around the modes.

A	0	5
B	1	6
C	2	7
D	3	8
E	4	9
F	*	#
G	H	J
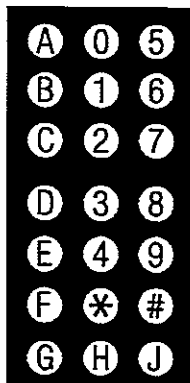
THE KEYPAD

During vending, customers use the keypad to make selections. When you pull the door switch to the ON position, the keypad becomes your programming input device. For reference, we will show the keypad on all the pages.

DATA

View four types of data:

TOT$ = Total Machine Sales
TOT = Total Machine Vends
FRV$ = Total Free Vend "Sales"
FRV = Total Free Vends

This data is nonresettable.

NOTE

At any time you can press **H** once to return to the *DATA* display. Press **H** again to return to the standby message.

1. Pull out the door switch button to the ON position.
2. Press # until the display shows *DATA*.
3. Press *. The display shows *TOT$ .XX*. This is the dollar and cents amount of machine sales.
4. Press #. The display shows *TOT XX*. This is the total count of all vends.
5. Press #. The display shows *FRV$ .XX*. This is the dollar and cents amount of free vend "sales".
6. Press #. The display shows *FRV .XX*. This is the total count of free vends.
7. Press # to return to step 3, or **H** to exit.

PAY OUT

Pay out coins:
1. Pull out the door switch button to the ON position.
2. Press # until the display shows *N.D.Q. = 0.1.2.* This is telling you that pressing **0** pays out **Nickels**, pressing **1** pays out **Dimes**, and pressing **2** pays out **Quarters**.
3. Press the appropriate key once to pay out one coin.
4. Press and hold the appropriate key to pay out coins continuously.
5. Press **H** to return to the standby message.

PRICE

Set prices for all the selections in your merchandiser:

NOTE
At any time you can press H once to return to the *PRICE* display. Press H again to return to the standby message.

METHOD A:
1. Pull out the door switch button to the ON position.
2. Press # until the display shows *PRICE*.
3. Press *, and the display shows *A0 PR .XX.* "XX" is the price for the A0 selection.
4. Press # to step to the next selection.
5. Enter a new price with the number keys.
6. Price another selection or press **H** to exit.

METHOD B - Selections A through F:
1. Pull out the door switch button to the ON position.
2. Press # until the display shows *PRICE*.
3. Enter the letter/number of the selection you want to price.
4. Price another selection by repeating step 3, or press **H** to exit.

METHOD B - Selection H (GSC-8 only)
1. Pull out the door switch button to the ON position.
2. Press # until the display shows *PRICE*.
3. Press *.
4. Enter "G9", then press # to get to the first "H" selection.
5. Enter the price for the first "H" selection.
6. Press # to scroll through the "H" selections, or press **H** to exit.
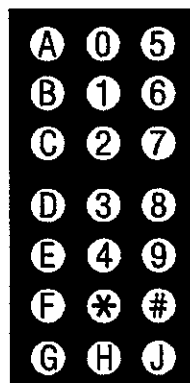
FAULTS

Display all the <u>active</u> faults on your merchandiser:

<div align="center">

NOTE

At any time you can press **H** once to return to the *FAULTS* display. Press
H again to return to the standby message.

</div>

1. Pull out the door switch button to the ON position. If there is a fault on your machine, the display will immediately show the list of errors, one after another. Afterwards, the display shows *FAULTS*. Press ∗ to see the fault list again.
2. Press ∗ to see the list of faults (in a no-fault condition, the *FAULTS* display remains):

TEMP FAULT	An error exists in the food module refrigeration section
CPL ERROR [1]	An error with food module spiral coupling
TC ERROR	An error with the Tray/Column
FOOD DOOR	Food door has failed
HEALTH CTL	The health control has been set
SERIAL VAL	An error in the bill validator (serial only)

When the first item repeats, you have seen all the faults.

[1] Couple errors can be cleared by following the procedure outlined in the SETUP mode.
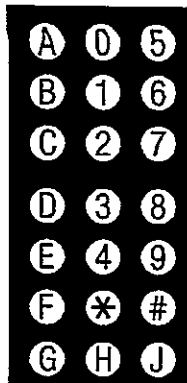
SERVICE

View machine status and test certain functions:

NOTE

At any time you can press **H** once to return to the **SERVICE** display. Press **H** again to return to the standby message.

1. Pull out the door switch button to the ON position.
2. Press **#** until the display shows **SERVICE**.
3. Press *****. The display shows the software version number.
4. Each time you press **#** the display shows a different test or indication as listed in the table below.
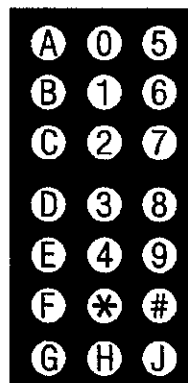
NOTE

Some of these tests are applicable only to certain models.

APPLICABLE TO MODEL:		DISPLAY	DEFINITION	TESTS YOU CAN PERFORM
GCF-2	GSC-8			
▓	▓	VER XXXX	Software version number.	None
▓	▓	F XXX	Temperature display.	None
▓	▓	DISPL TEST	Display test.	Press J to briefly light up all segments in the display.
▓	▓	MONEY 00	Tests if the coin mech and bill validator are showing proper credit.	Insert coins and bills into the merchandiser. The amount you inserted is displayed.
▓		FOOD DOOR	Allows you to test the operation of the food door.	Press J to test the food door.
▓		DOOR LOCK	Allows you to test the delivery door lock solenoid.	Press J to test the delivery door lock solenoid.
	▓	NT CAN ON/OFF	Allows the last can in the can unit to be vended.	Enter the selection number to vend the can.

9. Press **#** to return to step 3, or **H** to exit.

SETUP

Configure various machine functions:

> **NOTE**
>
> At any time you can press **H** once to return to the *SETUP* display. Press **H** again to return to the standby message.

1. Pull out the door switch button to the ON position.
2. Press **#** until the display shows *SETUP*.
3. Press **✳**. The display shows either *FREE ON* or *FREE OFF*. When *FREE ON* is displayed, all selections are free. Press **J** to switch between **ON** and **OFF**.
4. Press **#**. The display shows either *DUMB MECH* or *EXEC MECH*. Press **J** to switch between *DUMB MECH* and *EXEC MECH*. NOTE: *DUMB MECH* MUST be selected if you are using a MARS TRC-6000 or COINCO 9300 coin mech.

> **NOTE**
>
> If you selected *EXEC MECH*, skip to step 8. Otherwise, continue with step 5.

> **NOTE**
>
> Some steps do not apply to all models covered in this manual.

5. Press **#**. The display shows either *SERIAL VAL* or *PULSE $1*. Press **J** to switch between SERIAL and PULSE bill validators.
6. Press **#**. The display shows either *CHANGE ON* or *CHANGE OFF*. When *CHANGE ON* is displayed, a customer may receive change for a bill without making a vend. Press **J** to switch between ON and OFF.
7. Press **#**. The display shows either *MULTI ON* or *MULTI OFF*. When *MULTI ON* is displayed, a customer may purchase more than one item with a declining balance. Press **J** to switch between ON and OFF.
8. Press **#**. The display shows either *ENGLISH, FRENCH* or *SPANISH*. Press **J** to switch between English, French and Spanish displays.
9. **GCF-2 ONLY:** Press **#**. The display shows SET COUPLE. This screen lets you couple and uncouple spirals.
    a. Press **✳**. The display shows *CPLX 02468*. "X" is replaced by **D, E,** or **F**. Those are the only three trays which can have coupling. "02468" is one possible display. See the table on the next page for a full explanation of coupling.
    b. **IF YOU HAVE DIFFICULTY:** You can clear couple errors as follows: At the display *CPLX 02468*, press **J**. This will clear any coupling errors.
10. Press **#**. The display shows "*CNFIG XX*". Set CNFIG XX as indicated in the table below:

	GCF-2	GSC-8
WITHOUT GUM & MINT	03	01
WITH GUM & MINT	13	11

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ADJACENT MOTORS:			
Enter the column ID for the left-most column of the pair to toggle between COUPLE and UNCOUPLE.	When this is displayed:	This pair is coupled:	The left-most column ID is shown for a COUPLED pair.
	0	0 and 1	
	2	2 and 3	
	4	4 and 5	
NON-ADJACENT MOTORS:			
DO THIS FIRST ...	When this is displayed:	This pair is coupled:	The left column of a COUPLED pair must have an even column ID.
Disconnect the tray harness from motors between motors to be COUPLED.	*0.3*	0 and 3	The right column of a COUPLED pair must have an odd column ID.
- OR -	*0.5*	0 and 5	
Reconnect the tray harness to the motors between motors to be UNCOUPLED.	*2.5*	2 and 5	**IMPORTANT**
THEN ...			It may be difficult or impossible to successfully retrieve a long product àfter it has been dispensed.
Enter the column ID for the left-most column of the pair to toggle between COUPLE and UNCOUPLE.			

FINAL NOTE: If this character is displayed: ▨ **The right-most column selection is missing. (Possible disconnected motor)**

11. **GSC-8 ONLY:** Press **#**. The display shows *C - - - - - - U*. "C" is <u>C</u>old, and "W" is <u>W</u>arm. The more dashes between W and C, the warmer the refrigeration module temperature. To make the temperature warmer, keep pressing *****. The dashes fill in the display from left to right. When the display is full of dashes, the next time you press *****, they all disappear, which represents the coldest temperature.

12. Press **#** to return to step 3, or **H** to exit.

Ⓐ ⓪ ⑤
Ⓑ ① ⑥
Ⓒ ② ⑦
Ⓓ ③ ⑧
Ⓔ ④ ⑨
Ⓕ ✳ ＃
Ⓖ Ⓗ Ⓙ

COMMON PARTS
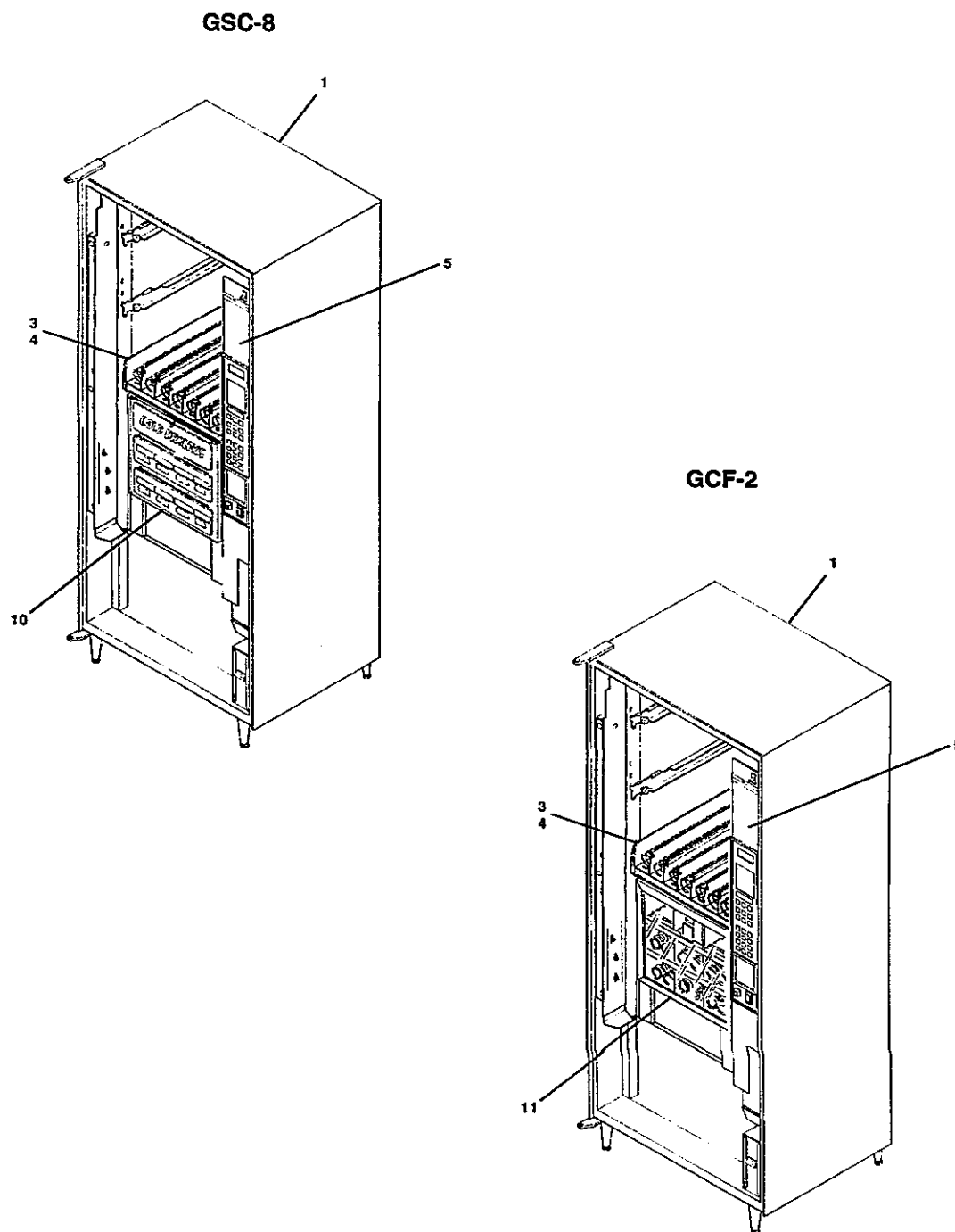
GSC-8

GCF-2

FIGURE 3

FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
3-	Merchandiser -GSC-8 (See Figure 8 for Breakdown)	———	1	———	1
3-1	Cabinet - Common	G4741025	1	G4741025	1
3-2	Door Assembly (See Figure 13 for Breakdown)	G4742000	1	G4742000	1
3-3	Spiral Assembly - 4 Select Snack Tray (See Figure 23 for Breakdown)	———	2	———	2
3-4	Spiral Assembly - 8 Select Candy Tray (See Figure 22 for Breakdown)	———	1	———	1
3-5	Panel Assembly - Monetary (See Figure 24 for Breakdown)	G1475009	1	G1475009	1
3-6	Not Used				
3-7	Not Used				
3-8	Not Used				
3-9	Plastic Bag Assembly - Not Shown Includes the following:	G4740000	1	G4740013	1
	Bag - Plastic	5920012	1	5920012	1
	Documentation Package	G4740003	1	G4740012	1
	Price Roll - Cents	1477014	10	1477014	10
	Price Roll - Dollars	1477015	11	1477015	11
	Selection ID Labels: A0 thru A9	1477076	1	1477076	1
	Selection ID Labels: B0 thru B9	1477077	1	1477077	1
	Selection ID Labels: C0 thru C9	1477078	1	1477078	1
	Selection ID Labels: D0 thru D9	1477079	1	1477079	1
	Selection ID Labels: E0 thru E9	1477080	1	1477080	1
	Selection ID Labels: F0 thru F9	1477081	1	1477081	1
	Retainer - Spiral Wall	1477083	10	1477083	10
	Wire Diagram - GSC-8 DOM.	G4740001	1	G4740015	1
	Flavor Strips (Includes the next 10 items)	N/A		4747091	1
	Coca-Cola Classic	N/A		4747072	1
	Flavor ID Strip - Pepsi Cola	N/A		4747073	1
	Diet Coca-Cola	N/A		4747074	1
	Dr. Pepper	N/A		4747075	1
	Diet Pepsi Cola	N/A		4747076	1
	Flavor ID Strip - 7UP #C4	N/A		4747077	1
	Caffeine Free Diet Coca-Cola	N/A		4747078	1
	A & W Root Beer	N/A		4747079	1
	Sunkist Orange	N/A		4747080	1
	Diet Sprite	N/A		4747081	1
	THE FOLLOWING ARE AVAILABLE BUT NOT SHOWN:				
	Label - Mark of Quality - Glasco			G1471006	1
	Label - Patent			2221075	1
3-10	Refrigerated Food Module (See Section E, Figure 1 for Breakdown)	G4747003	1	N/A	
3-11	Can Module - 8 Selection (See Section F, Figure 1 for Breakdown)	N/A		4747000	1

FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
5-	Harness Routing	——	Ref	——	Ref
5-1	Harness - Cabinet - 6 Tray	1471183	1	1471183	1
5-2	Screw - Ground #8-32 x 5/16, Hex Hd, T/F	1451097	2	1451097	2
	(Lockwasher #8)	6131148	2	6131148	2
5-3	Power Supply - Interface to Controller	1471100	1	1471100	1
5-4	Harness - Validator	1471073	1	1471073	1
5-5	Jumper - Fluorescent Light	1471106	1	1471106	1
5-6	Jumper - Fluorescent Light	1481024	1	1481024	1
	(Retainer - Harness - 3/8 Dia.) (Not Shown)	1452139	4	1452139	4
5-7	Harness - Power Cord to Control Box	4751148	1	4751148	1
5-9	Clamp - Cable - 9/16	3106144	3	3106144	3
	(Screw #8-32 x 3/8, THS, Black)	1170206	1	1170206	1
5-10	Clamp - Cable - 3/8	1452139	3	1452139	3
	(Screw #8-32 x 3/8, THS, Black)	1170206	1	1170206	1
5-11	Clamp - Cable - 3/8	2302227	2	2302227	2
	(Screw #8-32 x 3/8, THS, Black)	1170206	1	1170206	1
	(Nut #8-32 W/LW)	9900081	1	9900081	1
5-12	Clamp - Cable - 1/2	4732024	2	4732024	2
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	1	1451097	1
5-13	Clamp - Cable - 1/4	1211161	3	1211161	3
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	1	1451097	1
5-14	Wire Tie - Self-Clinching	4042121	1	4042121	1
5-15	Clip - Cable - Self-adhesive	4741018	2	4741018	2
5-16	Harness - Temperature Sensor	4401020	.1	4401020	1
5-19	Wire Tie	3106145	1	3106145	1

FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
8-	Cabinet - Common (See Figure 2/3, Index 1 for Next Higher Assembly)	G4741025	Ref	G4741025	Ref
8-1	"U" Channel - Receptacle Mounting	1481057	1	1481057	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	4	1451097	4
8-2	Channel - Mounting - Receptacle	1471120	1	1471120	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	4	1451097	4
	Channel - Mounting - Receptacle	4401023	1	4401023	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	4	1451097	4
8-3	Receptacle Block and PCB Assembly	1471066	6	1471066	3
8-4	Tag - Electrical Rating	G4741018	1	G4741018	1
8-5	Cover - Exhaust Fan Hole	1471090	2	1471090	2
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	2	1451097	2
8-6	Cabinet Assembly - Weldment	1471311	1	1471311	1
8-7	Channel - Tray Rail Mounting - RH	1471211	1	1471211	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	10	1471097	10
8-8	Gusset - Mounting Channel - RH	1471085	1	1471085	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	2	1451097	2
8-9	Snap Bushing	6106021	1	6106021	1
8-10	Gusset - Mounting Channel - LH	1481017	1	11481017	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	2	1451097	2
8-11	Channel and Support Assembly - Tray Rail	1471225	1	1471225	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	12	1451097	1
	Channel - Tray Rail Mounting - LH	1481045	1	1481045	12
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	12	1451097	1
8-12	End Plate Display - LH	4401011	1	4401011	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	3	1451097	3
	(Screw #8-18 x 3/8 LGM)	4721035	2	4751035	2
	(Nut #8-32 W/LW)	9900081	1	9900081	1
8-13	Label - Model Designation	G4742006	1	G4742005	1
8-14	Power Cord and Bracket Assembly	1471064	1	1471064	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	2	1451097	2
8-15	Bushing - Right Angle	7101028	1	7101028	1
8-16	Bracket - Mounting - Power Cord	1471065	1	1471065	1
8-17	Grounded Cord Set Assembly	9984092	1	9984092	1
8-18	Tag - Warning	1210020	1	1210020	1
8-19	Label - Power Cord	9989526	1	9989526	1
8-20	Extension Assembly - Cabinet - Top	1481052	1	1481052	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	5	1451097	5
	(Screw #8-18 x 3/8 LGM)	4721035	4	4721035	4
8-21	Lock Arm - Cabinet	1471160	2	1471160	2
	(Screw #10-32 x 3/8)	1217161	2	1217161	2
8-22	Cup - Spacer	1302289	1	1302289	1
8-23	Guide Rail - Control Panel	1471013	2	1471013	2
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	4	1451097	4
8-24	Edge Mount - Harness	1411122	1	1411122	1
	Wire Tie	2204513	1	2204513	1
	(Screw #8-32 x 1/2, PHS, T/C, W/LW)	9900197	1	9900197	1
8-25	Stop - Monetary Panel	1471009	1	1471009	1
	(Screw #8-18 x 3/8 LGM)	4721035	3	4721035	3
8-26	Controller Assembly - Pulse Validator - (See Figure 10 for Breakdown)	G4741000	1	G4741000	1
8-27	Clamp - Wire	1451042	1	1451042	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	2	1451097	2
	Cover - Clamp	1451043	1	1451043	1
8-28	Label - Caution - Electrical Connection	9989411	1	9989411	1

FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
8-29	Screw #8-32 x 1/2, Hex Hd, T/F, BLK (Used with Index 8-2 in place of 1, 1451097 screw)	4741050	1	4741050	1
8-30	Chute Assembly - Payout	1471049	1	1471049	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	2	1451097	2
	(Screw #8-18 x 3/8 LGM)	4721035	2	4721035	2
8-31	Housing Assembly - Money Box	1471040	1	1471040	1
	(Screw #8-18 x 3/8 LGM)	4721035	4	4721035	4
8-32	Box Assembly - Money	1471045	1	1471045	1
8-33	Power Panel Assembly (See Figure 11 for Breakdown)	4741053	1	4741053	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	2	1451097	2
8-34	Tray Guide Rail Assembly - RH	1471395	3	1471395	3
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	1	1451097	1
8-35	Angle - Tray Rail Mounting Channel	1471010	2	1471010	2
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	2	1451097	2
8-36	Tray Guide Rail Assembly - LH	1471394	3	1471394	3
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	1	1451097	1
8-37	Plate and Spring Assembly - Door Check	1451039	1	1451039	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	2	1451097	2
8-38	Cabinet Extension - Lower	1481018	1	1481018	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	4	1451097	4
	(Screw #8-18 x 3/8 LGM)	4721035	4	4721035	4
8-39	Deflector - Product	4401008	1	4401008	1
	(Screw #8-32 x 3/8, T/H, Black)	1170206	2	1170206	2
	(Nut #8-32 W/LW)	9900081	2	9900081	2
8-40	Leg and Leveler Assembly - Cabinet	1471237	4	1471237	4
	(Screw #5/16-18 x 1.00, Hex Hd, T/F)	1451093	4	1451093	4
	Leveler - Cabinet	1471098	4	1471098	4
8-41	Plate and Support Assembly - Lower Hinge	1471014	1	1471014	1
	(Bolt - Carriage #5/16-18 x 3/4 Hex)	1171021	2	1171021	2
	(Nut #5/16-18 Self-Locking)	1171022	2	1171022	2
8-42	Screen Assembly - Vent	4741001	1	4741001	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	6	1451097	6
8-43	Spacer - Cup	2302053	1	2302053	1
	(Screw #8-18 x 5/8, Hex Hd)	4727144	1	4727144	1
8-44	Plug - Hole (Not Shown)	1431082	1	1431082	1
8-45	Bracket - Door Support	1471278	1	1471278	1
	(Screw - Sheet Metal #8 x 3/8, PHS, W/LW)	4047057	2	4047057	2
8-46	Angle - Receptacle Mounting	1481057	1	1481057	1
	(Screw - #8-32 X .31, Hex Hd, T/F, BLK)	1451097	4	1451097	4
8-47	Shield - Cable	4401024	1	4401024	1
	(Screw - #8-32 X .31, Hex Hd, T/F, BLK)	1451097	2	1451097	2
OPTIONS	OPTIONS				
8-48	Bracket and Screen Assembly - Exhaust Fan	1471054	1	1471054	1
	(Screw #8-32 x 5/16, Hex Hd,T/F)	1451097	2	1451097	2
8-49	Bracket - Exhaust Fan	1471398	1	1471398	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	2	1451097	2
8-50	Blower Assembly - Horizontal	6231548	1	6231548	1
	(Nut #8-32 W/LW)	9900081	2	9900081	2
8-51	Harness - Fan	1471259	1	1471259	1
8-52	Panel - Filler	1482004	1	1482004	1
	THE FOLLOWING IS AVAILABLE AS AN ASSEMBLY:				
	Bracket and Fan Assembly (Includes Index 8-49 and Index 8-50)	1471399	1	1471399	1

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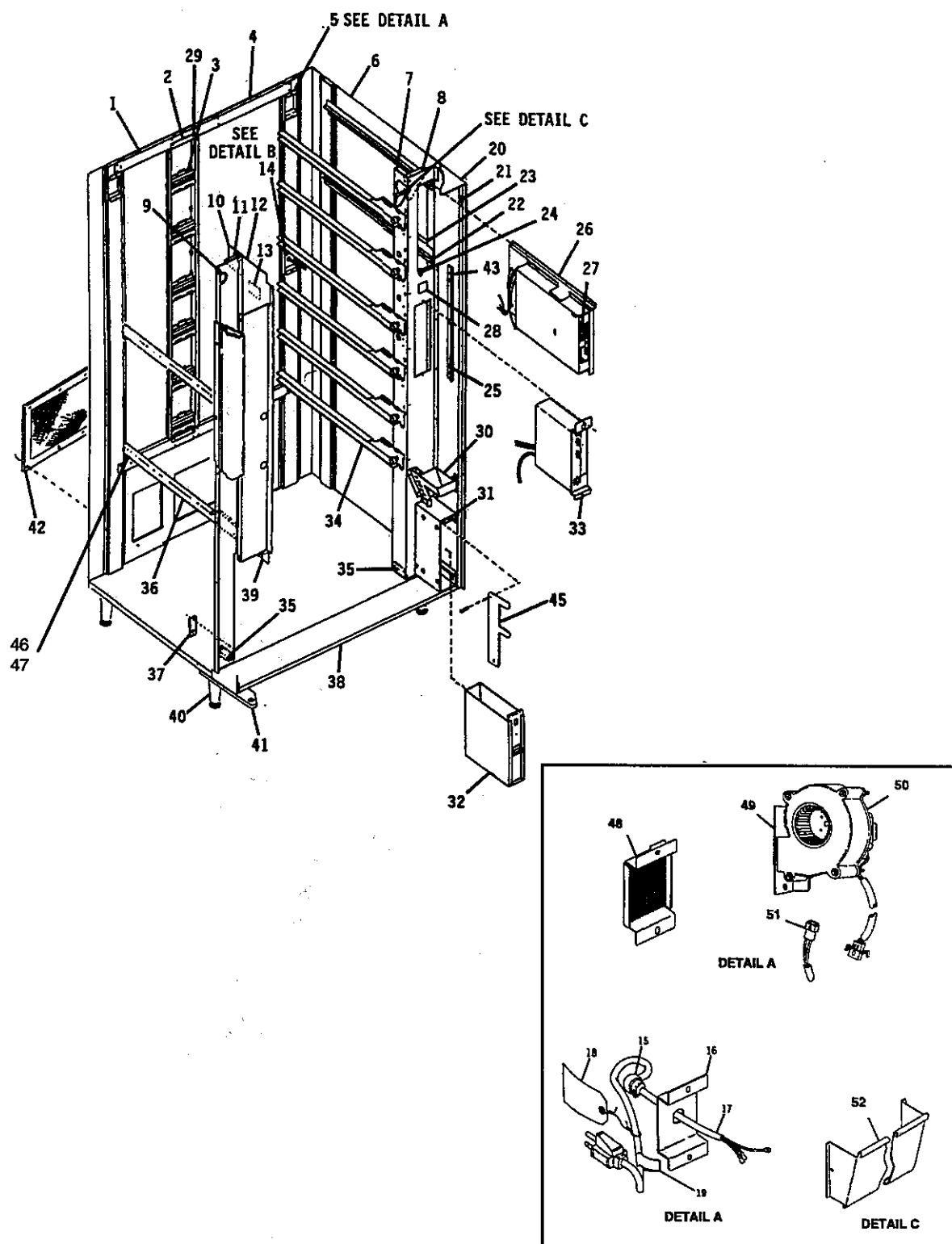
FIGURE 8

FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
10-	Controller Assembly - Pulse Validator - Glasco (See Figure 8, Index 8-26 for Next Higher Assembly)	G1471000	Ref	G4741000	Ref
10-1	Cover - Control Panel	1471188	1	1471188	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	4	1451097	4
10-2	Harness - Validator	1471073	1	1471073	1
10-3	Chassis - Controller	1471187	1	1471187	1
10-4	PCB Assembly Coin Mech and Validator Interface	9989586	1	9989586	1
	(Plastic Expansion Nut - 1/4 Spacer)	9989329	4	9989329	4
	(Screw #8-32 x 1/2 PHS)	1471199	4	1471199	4
10-5	Clamp - Cable	3102348	1	4732024	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	1	1451097	1
10-6	Harness - Cabinet - 6 Tray	1471183	1	1471183	1
10-7	NOT USED				
10-8	Harness - Power Supply Interface	1471079	1	1471079	1
	PCB Assembly - Snack Interface	1471291	1	1471291	1
10-9	(Plastic Expansion Nut - 1/4 Spacer)	9989329	4	9989329	4
	(Screw #8-32 x 1/2 PHS)	N/A		1471199	2
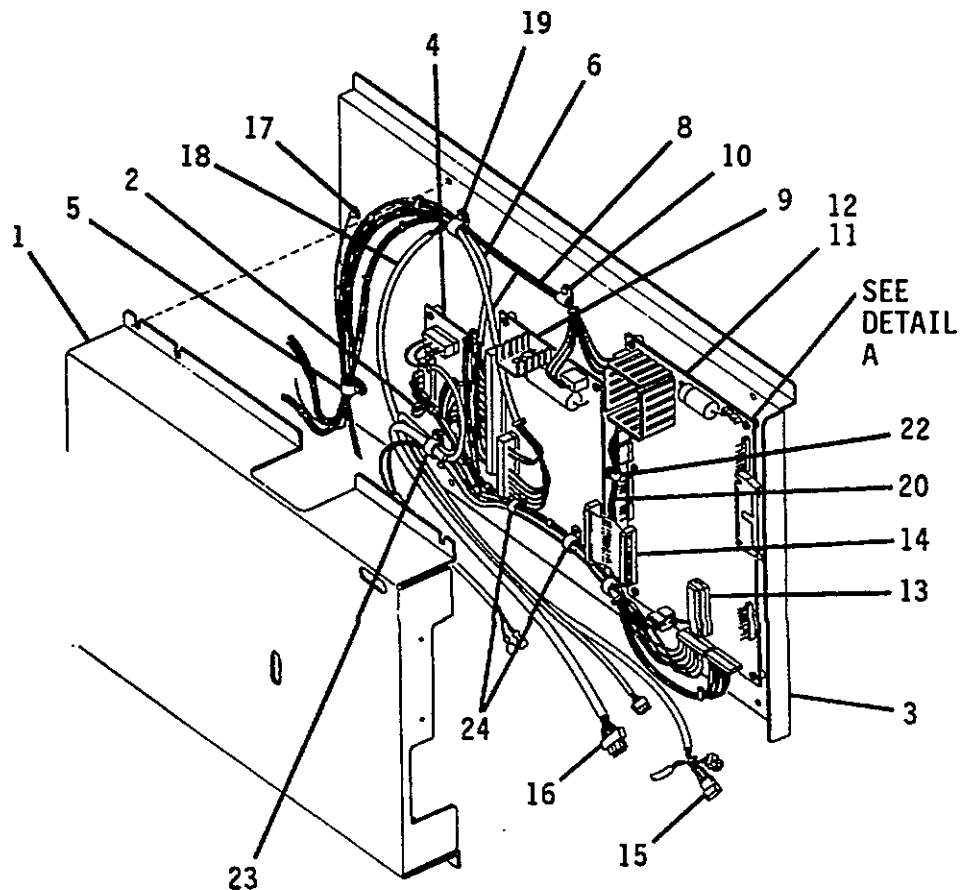
FIGURE 10

FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
10-10	Wire Clamp - 1/4 inch	1211161	1	1211161	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	1	1451097	1
10-11	Controller Assembly - Snack (Includes Index 10-12 and 10-13)	G4741001	1	G4741001	1
	(Plastic Expansion Nut - 1/4 Spacer)	9989329	6	9989329	6
	(Screw #8-32 x 1/2 PHS)	1471199	6	1471199	6
10-12	PCB Assembly	9989556	1	9989556	1
10-13	IC Assembly EPROM (U14)	G4741034	1	G4741034	1
10-14	Cable Assembly - 34 Conductor	1471135	1	1471135	1
10-15	Jumper - Validator Interface	1471113	1	1471113	1
10-16	Harness - Coin Handling Board	1471109	1	1471109	1
10-17	Ground Screw #8-32 x 5/16, Hex W/Hd)	3157060	2	3157060	2
10-18	Harness - Coin Handling - Power	1471123	1	1471123	1
10-19	Clamp - Cable	4732024	1	4732024	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	1	1451097	1
10-20	Harness - Temperature Sensor	4401020	1	4401020	1
10-21	NOT USED				
10-22	Clamp - Cable	1452139	1	1452139	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	1	1451097	1
10-23	Clamp - Cable	4241250	1	4241250	1
	(Screw #8-32 x 5/16, Hex Hd, T/F)	1451097	1	1451097	1
10-24	Clamp - Cable	4732024	2	4732024	2
	(Screw #8-18 x 3/4, RHS, S/T)	4041106	1	4041106	1

OPTIONS

	Controller Assembly - Serial Validator - Glasco	G4741003	1	G4741003	1
	Controller Assembly - NoValidator - Glasco (Same as G4741000 except for the following: Delete Index 15.)	G4741007	1	G4741007	1
11-	Power Panel Assembly (See Figure 8/Index 8-33 for Next Higher Assembly)	4741053	Ref	4741053	Ref
11-1	Power Control Panel Assembly	4751055	1	4751055	1
11-2	Circuit Breaker - 15 amp	4071041	1	4071041	1
11-3	Circuit Breaker - 1/2 amp	9989426	1	9989426	1
11-4	Switch - DPST	9984616	1	9984616	1
	(Screw #6-32 x 1/4, PHS)	9900124	2	9900124	2
11-5	Label - Power Control Panel	1471196	1	1471196	1
11-6	Harness - Coin Mechanism	1471174	1	1471174	1
	(Screw #4-40 x 1/4 RHS)	1212140	2	1212140	2
	(Nut #4-40 W/Lw)	1217159	2	1217159	2
11-7	Clamp - Cable - 3/8 inch	2302227	1	2302227	1
	(Screw #8-32 x 5/16, Hex Hd, T/C)	1451056	1	1451056	1
11-8	Filter - Interference	9989103	1	9989103	1
	(Screw #8-32 x .31, Hex W/Hd, T/F)	3157060	2	3157060	2
11-9	Chassis Ground Screw #8-32 x .31, Hex W/Hd, T/F	3157060	2	3157060	2

FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
11-10	PCB Assembly - Power Supply	4302537	1	4302537	1
	(Plastic Expansion Nut - .250 Spacer)	9989329	4	9989329	4
	(Screw #8-18 x .50 PHS)	1471199	4	1471199	4
11-11	Terminal Block	4255087	1	4255087	1
	(Screw #8-32 x 1/2, PHS, W/LW, T/C)	9900197	1	9900197	1
11-12	Wire Clamp - 1/2	3102491	1	3102491	1
	(Screw #8-32 x 5/16, Hex Hd, T/C)	1451056	1	1451056	1
11-13	Transformer Assembly	9989013	1	9989013	1
	(Screw 8-32 x 1.25 Hex, T/F)	1451133	4	1451133	4
11-14	Harness - Power Supply Interface to Controller	1471100	1	1471100	1
11-15	Harness - Power	4741054	1	4741054	1
11-16	Cover - Power Control Panel (Not Shown)	1471077	1	1471077	1
	(Screw #8-32 x 5/16, Hex Hd, T/C)	1451056	3	1451056	3
11-17	Jumper - Power Supply	4751054	1	4751054	1
11-18	Label - USA Power Panel (Not Shown)	4741049	1	4741049	1
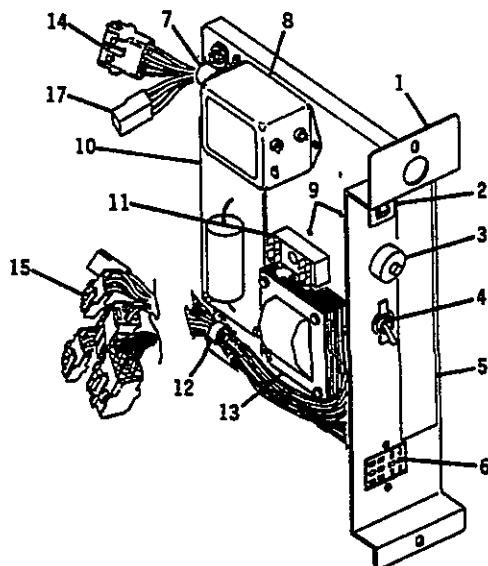
FIGURE 11

FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
13-	Door Assembly - Common (See Figure 3, Index 2 for Next Higher Assembly)	G4742000	Ref	G4742000	Ref
13-1	Glass Display	1462014	1	1462014	1
13-2	Channel - Glass - Lower	1462008	1	1462008	1
13-3	Channel - Glass - Horizontal A: 112 inches required B: 105 1/4 inches required	2222124	B	2222124	B
13-4	Plate - Glass Retainer	1472048	2	1472048	2
	(Screw #8-32 x 5/16 T/F)	1451097	7	1451097	7
13-5	Panel Assembly - Glass - Lower	1482200	1	1482200	1
	(Screw #8-32 x 5/16 T/F)	1451097	4	1451097	4
13-6	Ballast Assembly - Light	3151058	1	3151058	1
13-7	Screw #4-36 x 5/8 RHS	3107171	2	3107171	2
13-8	Bracket - Light Tube	4732018	1	4732018	1
	(Nut #8-32 W/LW)	9900081	5	9900081	5
13-9	Harness - Fluorescent Light	1462067	1	1462067	1
	Retainer - Harness - 3/8 diameter (Not Shown)	1452139	2	1452139	2
13-10	Screw #4-36 x 7/16 RHS	1452076	2	1452076	2
13-11	Jumper - Filter and Fluorescent Light	3156032	1	3156032	1
13-12	Network - Suppression	1451124	1	1451124	1
13-13	Starter - Fluorescent Light	2222095	1	2222095	1
13-14	Lamp - Fluorescent - 25 watt	1122138	1	1122138	1
13-15	Bracket - Door Retention	1472040	1	1472040	1
13-16	Bolt 1/4-20 x 1.00 Hex Head	1106657	1	1106657	1
13-17	Bushing - Door Check	1142017	1	1142017	1
13-18	Arm - Door Check	1472045	1	1472045	1
13-19	Nut 1/4-20 Whiz-Lock	1172021	1	1172021	1
13-20	Retainer - Door Pivot	1472142	1	1472142	1
	(Screw #8-32 x 5/16 Hex T/F)	1451097	2	1451097	2
13-21	Delivery Pan Assembly (See Section E, Figure 2 For Breakdown) (Screw #8-32 x 5/16 Hex T/F)	G4742001	1	G4742001	1
13-22	Stud - Door Holder	1122011	1	N/A	
13-23	Roller	1122021	1	N/A	
13-24	Adjustment Plate Sub-Assembly	1172023	2	N/A	
	(Screw #10-32 x 3/8 T/F)	1141046	1	N/A	
13-25	Nut #10-32 Self-Locking	9900207	1	N/A	
13-26	Screw 1/4-20 x 3/4 Hex Hd	1141054	1	N/A	
13-27	Cap - Leg	1472106	1	N/A	
13-28	Support - Door	1472103	1	N/A	
13-29	Nut 1/4-20 Whiz Lock	1172021	1	N/A	
13-30	Plug - Hole	1482149	1	1482149	1
13-31	Coin Receptacle Assembly (See Figure 19 for Breakdown)	———	1	———	1
	(Spacer - Cup)	2302053	4	2302053	4
	(Screw #8-32 x 1/2 PHS, S/T)	4042512	4	4042512	4
13-32	Handle Assembly - Door Latch and (See Figure 20 for Breakdown)	———	1	———	1
13-33	Guide - Lock Bar	1472250	1	1472250	1
13-34	Lock Bar Assembly	1472178	1	1472178	1

FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
13-35	Frame - Monetary	G1472010	1	G1472010	1
	(Screw #6-32 x 1/4 PHS, T/C, Phillips)	1472132	10	1472132	10
13-36	Hinge Assembly - Door Upper	1472042	1	1472042	1
	(Screw 1/4-20 x 3/4 FHD)	1472262	2	1472262	2
	(Nut 1/4-20 Whiz-Lock)	1172021	2	1172021	2
	(Bolt - Carriage 5/16-18 x 3/4)	1171021	2	1171021	2
	(Nut 5/16-18 Whiz-Lock)	1171022	2	1171022	2
13-37	Hinge Assembly - Door Lower (NOT SHOWN)	1472189	1	1472189	1
	(Screw 1/4-20 x 3/4 Flat Hd)	1472092	2	1472092	2
	(Nut 1/4-20 Whiz-Lock)	1172021	2	1172021	2
13-38	Bearing (not shown)	4242145	1	4242145	1
13-39	Label - Caution	2222699	1	2222699	1
13-40	Door Assembly - Weldment	1482005	1	1482005	1
13-41	Trim Identification (See Figure 17 for Breakdown)	————	1	————	1

	THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:				
	Roller Assembly - Door (Consists of Index 13-22 thru Index 13-26)	1472018	1	N/A	
	Light Assembly - Fluorescent (Consists of Index 13-7 thru Index 13-10)	1482122	1	1482122	1
	Glass Assembly - Door (Consists of Index 13-1 thru Index 13-3) (See Figure 13/14, Index 21 for Next Higher Assembly)	1462099	1	1462099	1

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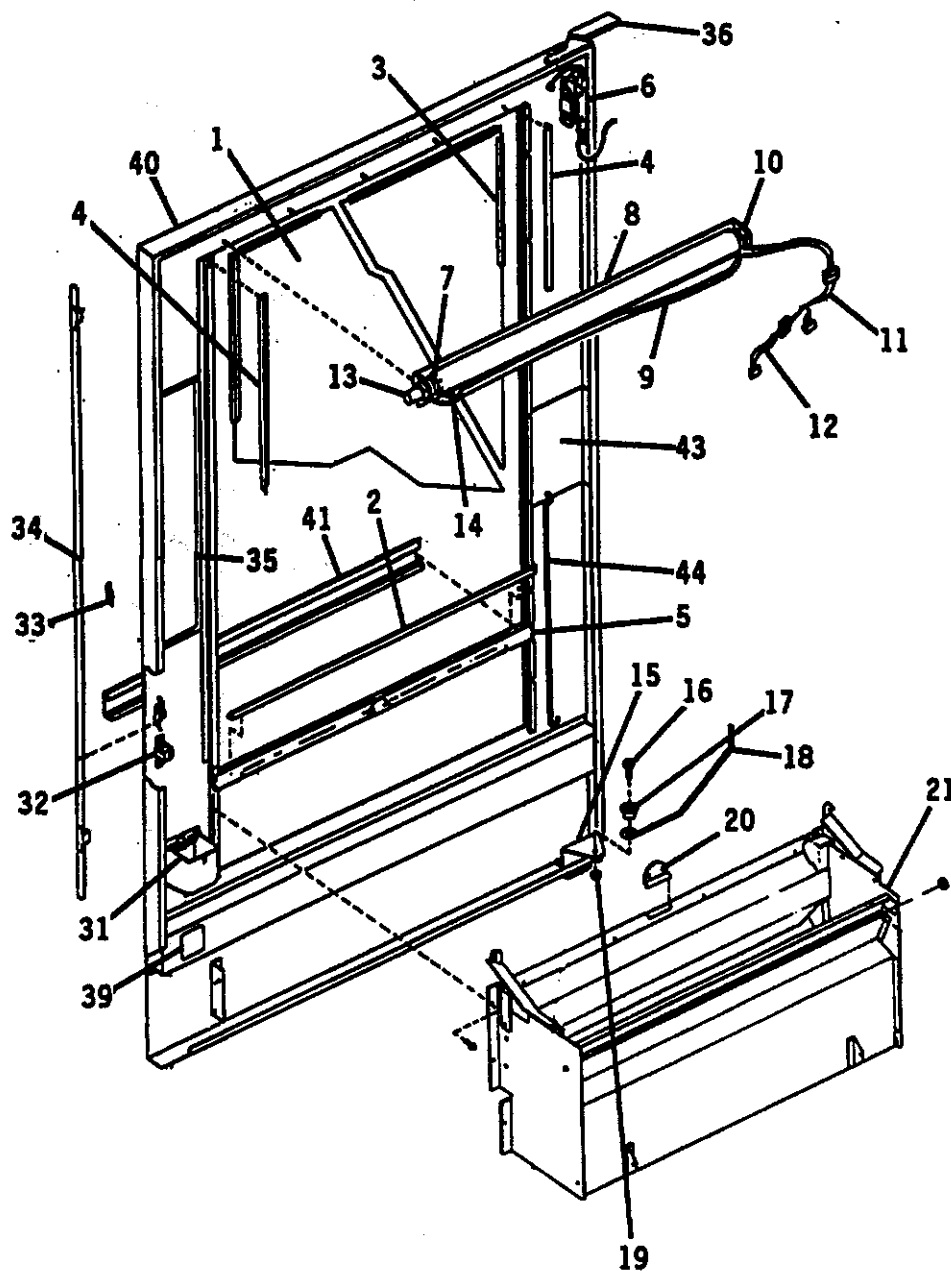
FIGURE 13

FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
	NOTE: No figure is available for these parts.				
17-	Trim Identification (See Figure 13, Index 13-41 for Next Higher Assembly)	— — —	Ref	— — —	Ref
17-1	Trim - Door - Outer Side	G1472025	2	G1472025	2
17-2	Trim Panel - Glass - Lower	G1482010	1	G1482010	1
17-3	Trim - Door - Inner Side	G1472026	2	G1472026	2
17-4	Trim - Coin Receptacle - Gray	G1472021	1	G1472021	1
17-5	Panel - Top Trim	G1482002	1	G1482002	1
17-6	Frame - Monetary	G1472010	1	G1472010	1
17-7	Base - Lever Lock	1172191	1	1172191	1
17-8	Lever - Lock	1172190	1	1172190	1
17-9	Panel - Right Trim	G1472005	1	G1472005	1
17-10	Panel - Left Trim	G1482001	1	G1482001	1
17-11	Trim Panel and Support Assembly - Lower	G1482012	1	G1482012	1
	NOTE: No figure is available for these parts.				
19-	Coin Receptacle Assembly (See Figure 13, Index 13-31, for Next Higher Assembly)	— — —	Ref	— — —	Ref
19-1	Coin Cup	4245081	1	4245081	1
19-2	Trim - Coin Receptacle - Gray	G1472021	1	G1472021	1
19-3	Gate - Coin Return	4245082	1	4245082	1
19-4	Spring - Coin Return	4245083	1	4245083	1
19-5	Shaft - Coin Return Door	4245084	1	4245084	1
	THE FOLLOWING IS AVAILABLE AS AN ASSEMBLY:				
19-5	Trim Assembly - Coin Cup - Gray (Consists of Index 19-2 thru Index 19-5)	G1472020	1	G1472020	1

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FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
20-	Handle Assembly - Door Latch and (See Figure 13, Index 13-32 for Next Higher Assembly)	————	Ref	————	Ref
20-1	Lever - Lock	1172190	1	1172190	1
20-2	Pivot - Lever Lock	1302291	1	1302291	1
20-3	Base - Lever Lock - Gray	1172191	1	1172191	1
20-4	Screw #10-32 x 1/2, RHS, W/LW	1217161	5	1217161	5
20-5	Cup Spacer	1302289	2	1302289	2
20-6	Actuator Assembly - Lock Bar	2272052	1	2272052	1
20-7	Shield - Latch	1302326	1	1302326	1
20-8	Washer 7/16 OD x 3/16 ID	9900121	1	9900121	1
20-9	Catch - Door Latch	1302324	1	1302324	1
20-10	Latch - Lower Lock	1302290	1	1302290	1
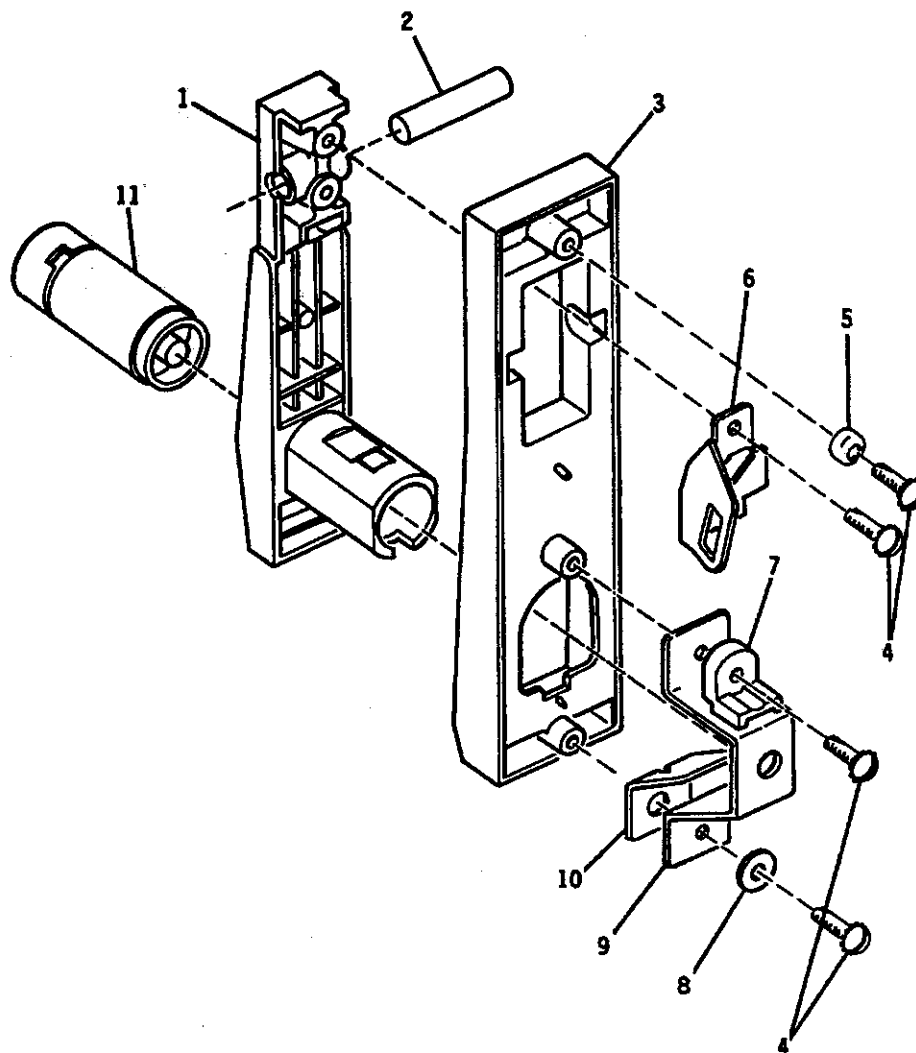
FIGURE 20

FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
-22	Tray and Spiral Assembly - 8 Candy (See Figure 2/3, Index 4 for Next Higher Assembly)	G1487000	Ref	G1487000	Ref
22-1	Tray Assembly - 8 Candy (Contains Index 22-2 and Index 22-4 thru Index 22-16)	G1487001	2	G1487001	2
22-2	Harness - Tray - 4 Motor (See Index 22-1 for Next Higher Assembly)	1477094	2	1477094	2
22-3	NOT USED				
22-4	Coupling - Spiral (See Index 22-1 for Next Higher Assembly)	1477113	8	1477113	8
22-5	Retainer - Spiral - Wall (See Index 22-1 for Next Higher Assembly)	1477083	7	1477083	7
22-6	NOT USED				
22-7	PCB and Motor Assembly (See Index 22-1 for Next Higher Assembly)	1477112	8	1477112	8
22-8	PCB Assembly - Tray (See Index 22-1 for Next Higher Assembly)	1477085	1	1477085	1
22-9	Holder - Price and Selection (See Index 22-1 for Next Higher Assembly)	1487016	1	1487016	1
	Rail - Price and Selection (See Index 22-1 for Next Higher Assembly)	1487009	1	1487009	1
22-10	(Nut #8-32 Self-Locking, Black)	1412046	2	1412046	2
	(Washer - Hopper Release)	5560113	2	5560113	2
	(T-bolt - Trim)	2222031	3	2222031	3
22-11	Latch (See Index 22-1 for Next Higher Assembly)	1477017	2	1477017	2
	(Push-On Retainer)	5201267	2	5201267	2
22-12	Axle - Tray Roller (See Index 22-1 for Next Higher Assembly)	1477097	2	1477097	2
22-13	Price Roll	1477014	8	1477014	8
22-14	Roller - Tray (See Index 22-1 for Next Higher Assembly)	1477148	2	1477148	2
22-15	Wall - Tray (See Index 22-1 for Next Higher Assembly)	1477125	7	1477125	7
22-16	Tray - 4 and 8 Selection (See Index 22-1 for Next Higher Assembly)	1487001	1	1487001	1
	Screw #5-20 x 5/8, Hex W/Hd, T/F, Black (Not Shown) (See Index 22-16 for Next Higher Assembly)	1477122	2	1477122	2
	SPIRAL OPTIONS				
22-17	Spiral & Retainer Assembly 11 Count, LH Blue Includes the following two items:	1477023	Opt	1477023	Opt
	Spiral - 11 Count, LH - Gray	1477024	1	1477024	1
	Retainer - Spiral - Blue	1457061	1	1457061	1
22-17A	Spiral & Retainer Assembly 11 Count, RH Blue Includes the following two items:	1477026	Opt	1477026	Opt
	Spiral - 11 Count, RH - Gray	1477027	1	1477027	1
	Retainer - Spiral - Blue	1457061	1	1457061	1
22-17B	Spiral & Retainer Assembly 13 Count, LH Yellow	1477029	Opt	1477029	Opt
	Spiral - 13 Count, LH - Black	1477030	1	1477030	1
	Retainer - Spiral - Yellow	1457062	1	1457062	1

FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
22-17C	Spiral & Retainer Assembly 13 Count, RH Yellow - Includes the following two items	1477032	Opt	1477032	Opt
	Spiral - 13 Count, RH - Black	1477033	1	1477033	1
	Retainer - Spiral - Yellow	1457062	1	1457062	1
22-17D	Spiral& Retainer Assembly 15 Count, LH Red - Includes the following two items:	1477035	Opt	1477035	Opt
	Spiral - 15 Count, LH - Black	1477036	1	1477036	1
	Retainer - Spiral - Red	1457063	1	1457063	1
22-17E	Spiral & Retainer Assembly 15 Count, RH Red - Includes the following two items:	1477038	Opt	1477038	Opt
	Spiral - 15 Count, RH - Black	1477039	1	1477039	1
	Retainer - Spiral - Red	1457063	1	1457063	1
22-17F	Spiral & Retainer Assembly 20 Count, LH White - Includes the following two items:	1477041	Opt	1477041	Opt
	Spiral - 20 Count - LH - Black	1477042	1	1477042	1
	Retainer - Spiral - White	1457064	1	1457064	1
22-17G	Spiral & Retainer Assembly 20 Count-RH White - Includes the following two items:	1477044	Opt	1477044	Opt
	Spiral - 20 Count, RH - Black	1477045	1	1477045	1
	Retainer - Spiral - White	1457064	1	1457064	1
22-17H	Spiral & Retainer Assembly 17 Count-LH Brown - Includes the following two items:	1477101	Opt	1477101	Opt
	Spiral - 17 Count, LH - Black	1477100	1	1477100	1
	Retainer - Spiral - Brown	1477106	1	1477106	1
22-17J	Spiral & Retainer Assembly 17 Count-RH Brown - Includes the following two items:	1477099	Opt	1477099	Opt
	Spiral - 17 Count, RH - Black	1477098	1	1477098	1
	Retainer - Spiral - Brown	1477106	1	1477106	1
22-17T	Spiral & Retainer Assembly 9 Count-RH Gray - Includes the following two items:	1477149	Opt	1477149	Opt
	Spiral - 9 Count, RH - Black	1477150	1	1477150	1
	Retainer - Spiral - Gray	1477155	1	1477155	1
22-17U	Spiral & Retainer Assembly 9 Count-LH Gray - Includes the following two items:	1477152	Opt	1477152	Opt
	Spiral - 9 Count, LH - Black	1477153	1	1477153	1
	Retainer - Spiral - Gray	1477155	1	1477155	1

FIGURE 22 (1 OF 2)

SEE DETAIL A

SEE DETAIL B

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7 REF

7 REF

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27 REF

DETAIL A
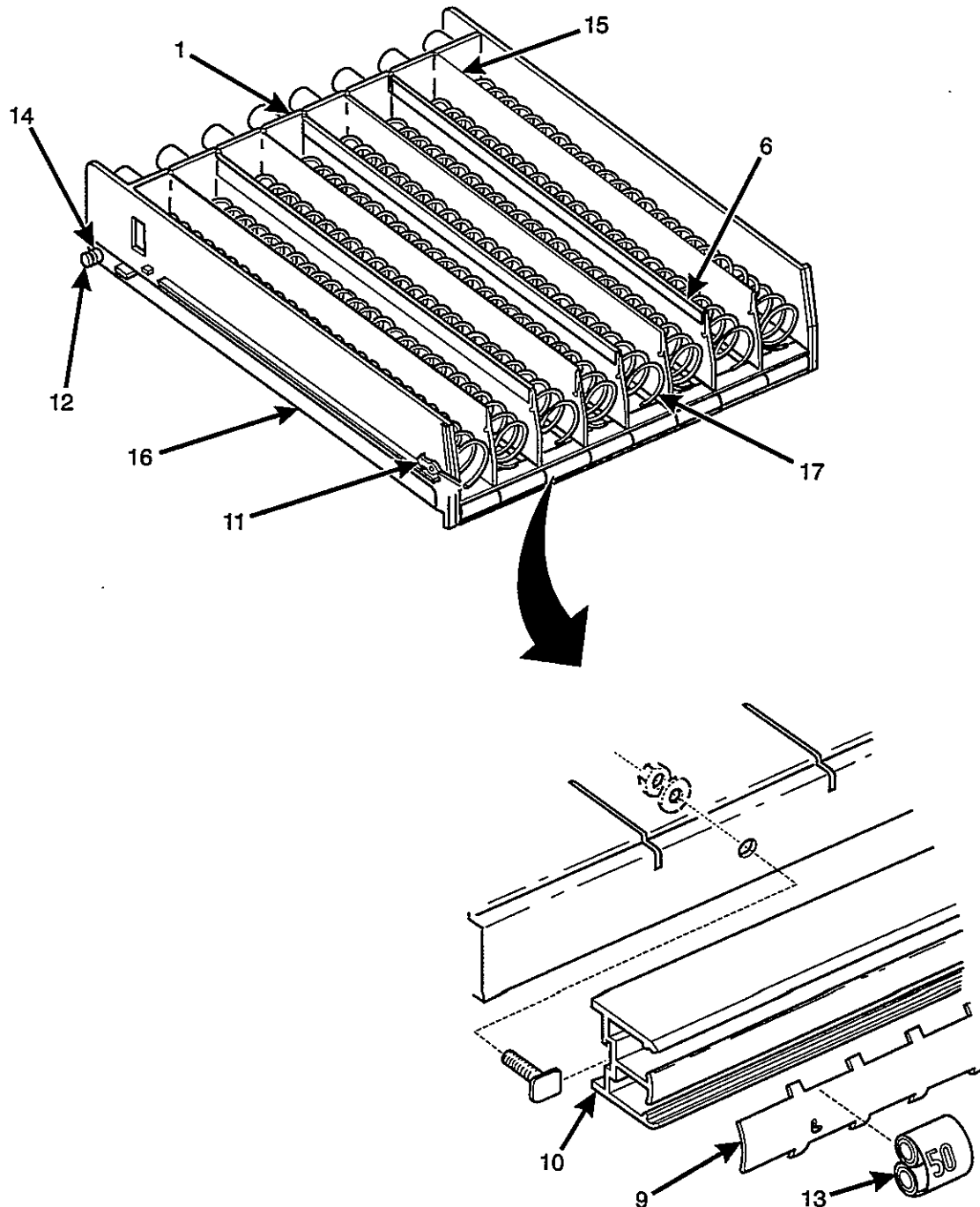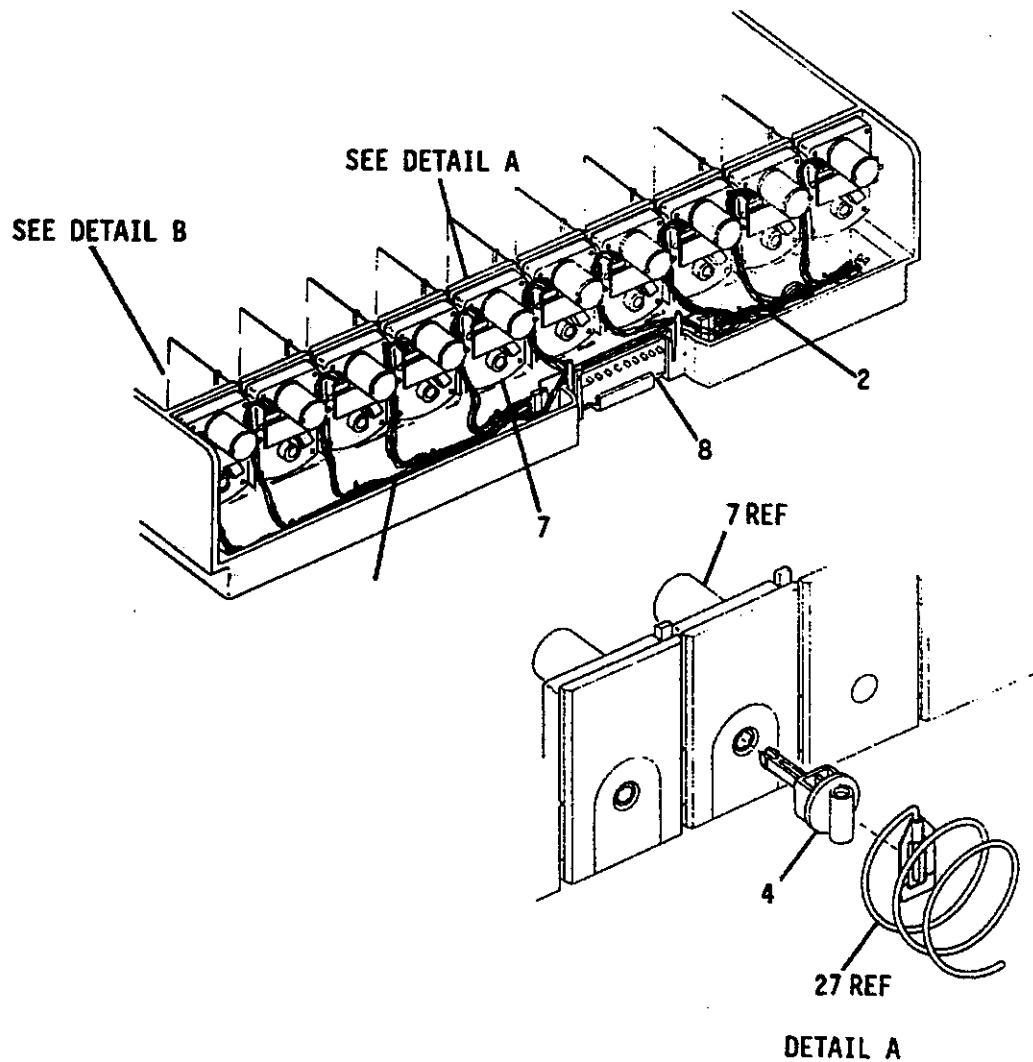
FIGURE 22 (2 OF 2)

FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2 PART NO.	QTY	GSC-8 PART NO.	QTY
23-	Tray and Spiral Assembly - 5 Snack (See Figure 2/3, Index 3 for Next Higher Assembly)	- - - - - - -	Ref	- - - - - - -	Ref
23-1	Tray Assembly - 4 Snack (Contains Index 23-2 and Index 23-4 thru Index 23-16)	1487004	1	1487004	1
23-2	Harness - Tray - 2 Motor (See Index 23-1 for Next Higher Assembly)	1477002	1	1477002	1
23-3	Not used				
23-4	Coupling - Spiral (See Index 23-1 for Next Higher Assembly)	1477113	8	1477113	8
23-5	Bearing - Coupler (See Index 23-1 for Next Higher Assembly)	1477022	4	1477022	4
23-6	Gear - Tray (See Index 23-1 for Next Higher Assembly)	1477020	8	1477020	8
23-7	PCB and Motor Assembly (See Index 23-1 for Next Higher Assembly)	1477112	4	1477112	4
23-8	PCB Assembly - Tray (See Index 23-1 for Next Higher Assembly)	1477085	1	1477085	1
23-9	Holder - Price and Selection (See Index 23-1 for Next Higher Assembly)	1487016	1	1487016	1
23-10	Rail - Price and Selection (See Index 23-1 for Next Higher Assembly)	1487009	1	1487009	1
	(Nut #8-32 Self-Locking, Black)	1412046	3	1412046	3
	(Washer - Hopper Release)	5560113	3	5560113	3
	(T-bolt - Trim)	2222031	3	2222031	3
23-11	Latch (See Index 23-1 for Next Higher Assembly) (Push-On Retainer)	1477017	2	1477017	2
23-12	Axle - Tray Roller (See Index 23-1 for Next Higher Assembly)	1477097	2	1477097	2
23-13	Price Roll	1477014	4	1477014	4
23-14	Roller - Tray (See Index 23-1 for Next Higher Assembly)	1477148	2	1477148	2
23-15	Wall - Tray (See Index 23-1 for Next Higher Assembly)	1477175	3	1477175	3
-2316	Tray - 4 and 8 Selection (See Index 23-1 for Next Higher Assembly)	1487001	1	1487001	1

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FIGURE-INDEX NUMBER	DESCRIPTION	GS1		GSC-8	
		PART NO.	QTY	PART NO.	QTY
	SPIRAL OPTIONS				
23-17	Spiral & Retainer Assembly 11 Count, LH Blue Includes the following two items:	1477023	Opt	1477023	Opt
	Spiral - 11 Count, LH - Black	1477024	1	1477024	1
	Retainer - Spiral - Blue	1457061	1	1457061	1
23-17A	Spiral & Retainer Assembly 11 Count, RH Blue - Includes the following two items:	1477026	Opt	1477026	Opt
	Spiral - 11 Count, RH - Black	1477027	1	1477027	1
	Retainer - Spiral - Blue	1457061	1	1457061	1
23-17B	Spiral & Retainer Assembly 13 Count, LH Yellow	1477029	Opt	1477029	Opt
	Spiral - 13 Count, LH - Black	1477030	1	1477030	1
	Retainer - Spiral - Yellow	1457062	1	1457062	1
23-17C	Spiral & Retainer Assembly 13 Count, RH Yellow - Includes the following two items	1477032	Opt	1477032	Opt
	Spiral - 13 Count, RH - Black	1477033	1	1477033	1
	Retainer - Spiral - Yellow	1457062	1	1457062	1
23-17D	Spiral & Retainer Assembly 15 Count, LH Red - Includes the following two items:	1477035	Opt	1477035	Opt
	Spiral - 15 Count, LH - Black	1477036	1	1477036	1
	Retainer - Spiral - Red	1457063	1	1457063	1
23-17E	Spiral & Retainer Assembly 15 Count, RH Red - Includes the following two items:	1477038	Opt	1477038	Opt
	Spiral - 15 Count, RH - Black	1477039	1	1477039	1
	Retainer - Spiral - Red	1457063	1	1457063	1
23-17F	Spiral & Retainer Assembly 20 Count, LH White - Includes the following two items:	1477041	Opt	1477041	Opt
	Spiral - 20 Count - LH - Black	1477042	1	1477042	1
	Retainer - Spiral - White	1457064	1	1457064	1
23-17G	Spiral & Retainer Assembly 20 Count-RH White - Includes the following two items:	1477044	Opt	1477044	Opt
	Spiral - 20 Count, RH - Black	1477045	1	1477045	1
	Retainer - Spiral - White	1457064	1	1457064	1
23-17H	Spiral & Retainer Assembly 17 Count-LH Brown - Includes the following two items:	1477101	Opt	1477101	Opt
	Spiral - 17 Count, LH - Black	1477100	1	1477100	1
	Retainer - Spiral - Brown	1477106	1	1477106	1
23-17J	Spiral & Retainer Assembly 17 Count-RH Brown - Includes the following two items:	1477099	Opt	1477099	Opt
	Spiral - 17 Count, RH - Black	1477098	1	1477098	1
	Retainer - Spiral - Brown	1477106	1	1477106	1
23-17T	Spiral & Retainer Assembly 9 Count-RH Gray - Includes the following two items:	1477149	Opt	1477149	Opt
	Spiral - 9 Count, RH - Black	1477150	1	1477150	1
	Retainer - Spiral - Gray	1477155	1	1477155	1
23-17U	Spiral & Retainer Assembly 9 Count-LH Gray Includes the following two items:	1477152	Opt	1477152	Opt
	Spiral - 9 Count, LH - Black	1477153	1	1477153	1
	Retainer - Spiral - Gray	1477155	1	1477155	1

FIGURE 23 (1 OF 2)

SEE
DETAIL A

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DETAIL A
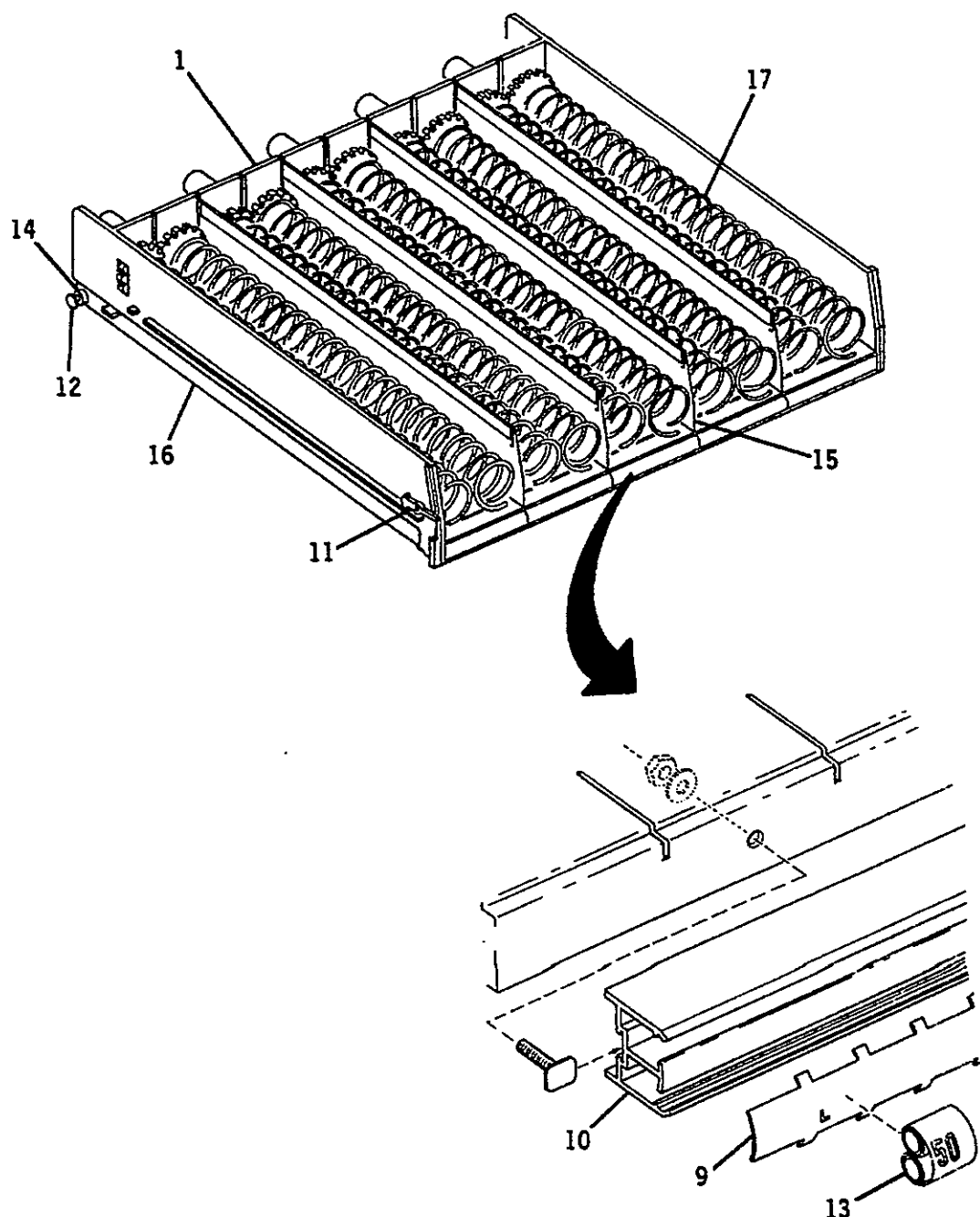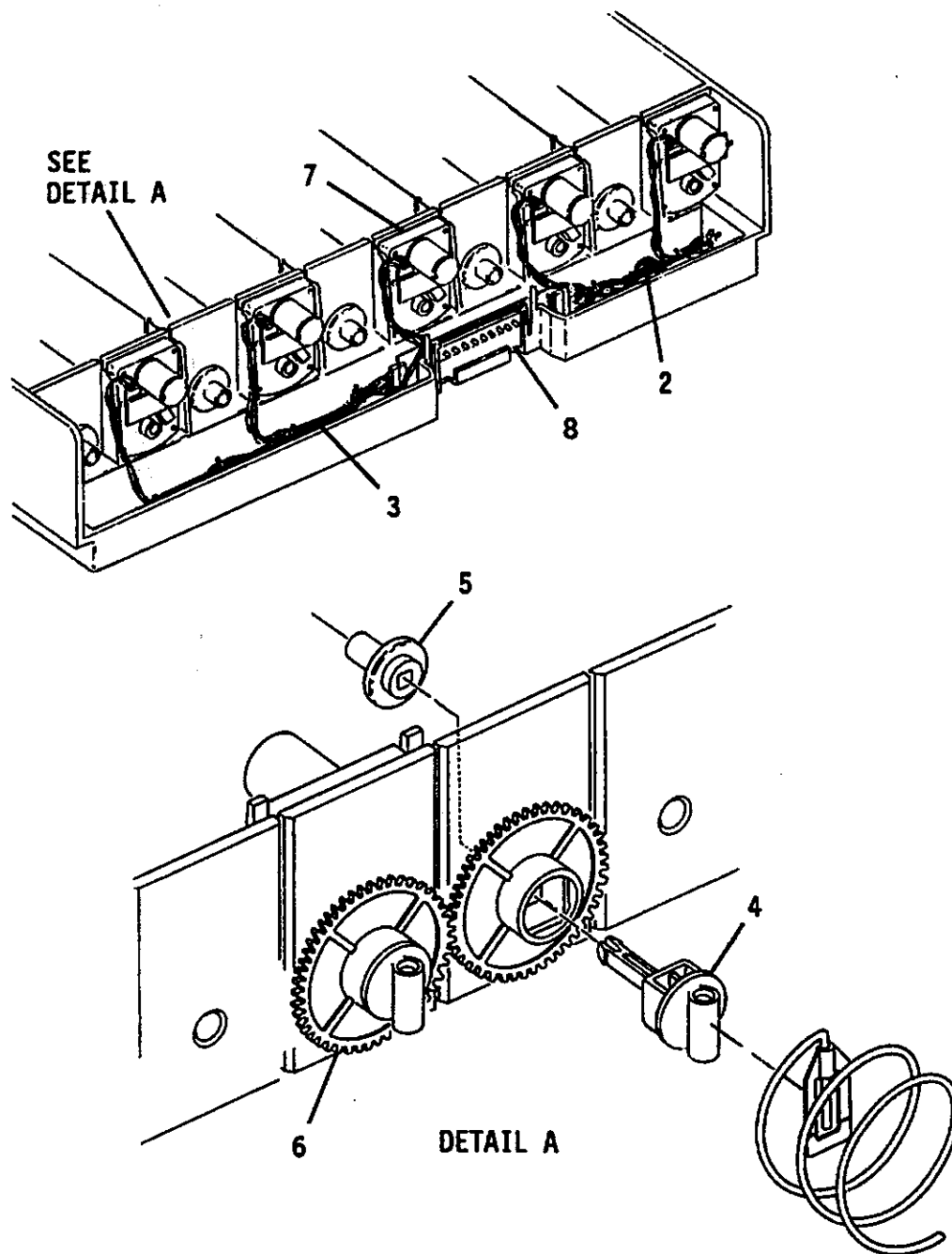
FIGURE 23 (2 OF 2)

FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
24-	Panel Assembly - Monetary (See Figure 2/3, Index 5 for Next Higher Assembly)	G1475009	Ref	G1475009	Ref
24-1	Panel and Stud Assembly	1475090	1	1475090	1
24-2	Switch	9989594	1	9989594	1
24-3	NOT USED				
24-4	NOT USED				
24-5	NOT USED				
24-6	Faceplate Assembly - Glasco - (See Figure 25 for Breakdown)	G1475007		G1475007	
	(Spacer Cup)	2302053	8	2302053	8
	(Screw #8-10 x 3/8, Hex, T/F)	1437204	8	1437204	8
24-7	NOT USED				
24-8	Insert - Instructions - Lower - No Validator	G1475004	1	G1475004	1
24-9	Coin Insert	1472223	1	1472223	1
24-10	Button - Coin Return	1475026	1	1475026	1
24-11	Shaft - Coin Return	1475072	1	1475072	1
24-12	Bracket - Coin Return Button	1475008	1	1475008	1
	(Nut #8-32 W/LW)	9900081	2	9900081	2
24-13	Spring - Shelf Reset	1127808	1	1127808	1
24-14	Bracket - Coin Mech	6235024	1	6235024	1
	(Nut #8-32 W/LW)	9900081	4	9900081	4
24-15	Arm - Scavenger	6235025	1	6235025	1
	(Screw #8-32 x 5/16, HWS)	1451056	2	1451056	2
	(Spacer - Release Arm)	2228011	2	2228011	2
24-16	Bracket - PCB - Display	1475099	2	1475099	2
	(Screw #6-32 x 1/4, PHS, W/LW)	9900109	4	9900109	4
24-17	PCB Assembly - Display	9989538	1	9989538	1
24-18	Cable Assembly - Ribbon	1472261	1	1472261	1
24-19	Cover - Display PCB	1475100	1	1475100	1
	(Screw #8-18 x 3/4, RHS, T/F)	4041106	2	4041106	2
24-20	Clip - Cable	4302166	1	4302166	1
24-21	Magnet - Retainer	3122056	2	3122056	2
24-22	Plate - Magnet Mounting	1475071	1	1475071	1
	(Screw #8-32 x 1/4, PHS, T/F)	4245186	3	4245186	3
24-23	Chute Assembly - Coin Insert	1475083	1	1475083	1
	(Screw #8-10 x 3/8, Hex, T/F)	1437204	2	1437204	2
	(Spacer Cup)	2302053	2	2302053	2
24-24	Coin Mechanism, MARS TRC6000	5900116	1	5900116	1
24-25	Clamp - Cable - 3/8	1452139	1	1452139	1
24-26	Clamp - Wire	1451042	1	1451042	1
	(Cover - Clamp)	1451043	1	1451043	1
	(Nut #8-32 W/LW)	9900081	2	9900081	2
24-27	Label - Instructions - Price Setting and Coin Payout	G1471007	1	G1471007	1
24-28	Screw #8-32 x 5/16, Hex, T/F	1451097	4	1451097	4
24-29	Screw #10-32 x 5/16, THS, T/F	1452312	2	1452312	2
24-30	Bracket - No Validator	1475048	1	1475048	1

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FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
	OPTIONS				
24-31	Validator - MAKA	1475053	1	1475053	1
	(Screw #8-32 x 3/8, PHS, T/F)	5500026	3	5500026	3
	Validator - MARS VFM-3 Serial	3152391	1	3152391	1
	(Screw #8-32 x 3/8, PHS, T/F)	5500026	3	5500026	3
	Validator - MARS VFM-1 Pulse	3152444	1	3152444	1
	(Screw #8-32 x 3/8, PHS, T/F)	5500026	3	5500026	3
24-32	Insert - Instruction - Lower - MAKA	G1475002	1	G1475002	1
	Insert - Instruction - Lower - MARS	G1475003	1	G1475003	1
24-33	Insert - Instruction - Upper - W/Validator	G1475001	1	G1475001	1
	Insert - Instr. - Upper Coins Only	G1475000	1	G1475000	1
24-34	Clamp - Cable - 7/16 (NOT SHOWN)	3102348	1	3102348	1
24-35	Clamp - Cable - 3/8 (Self-Adhesive)	6131143	1	6131143	1
24-36	Label - Instruction - Alternate - $1 & $5 (Self-Adhesive)	G1475005	1	G1475005	1

	THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:				
	Button Assembly - Coin Return (Includes Index 24-10 and Index 24-11)	1475073	1	1475073	1
	Display Assembly (Includes Index 24-16 thru Index 24-18)	1475018	1	1475018	1
	Bracket Assembly - Coin Mech (Includes Index 24-14 and Index 24-15)	1475016	1	1475016	1
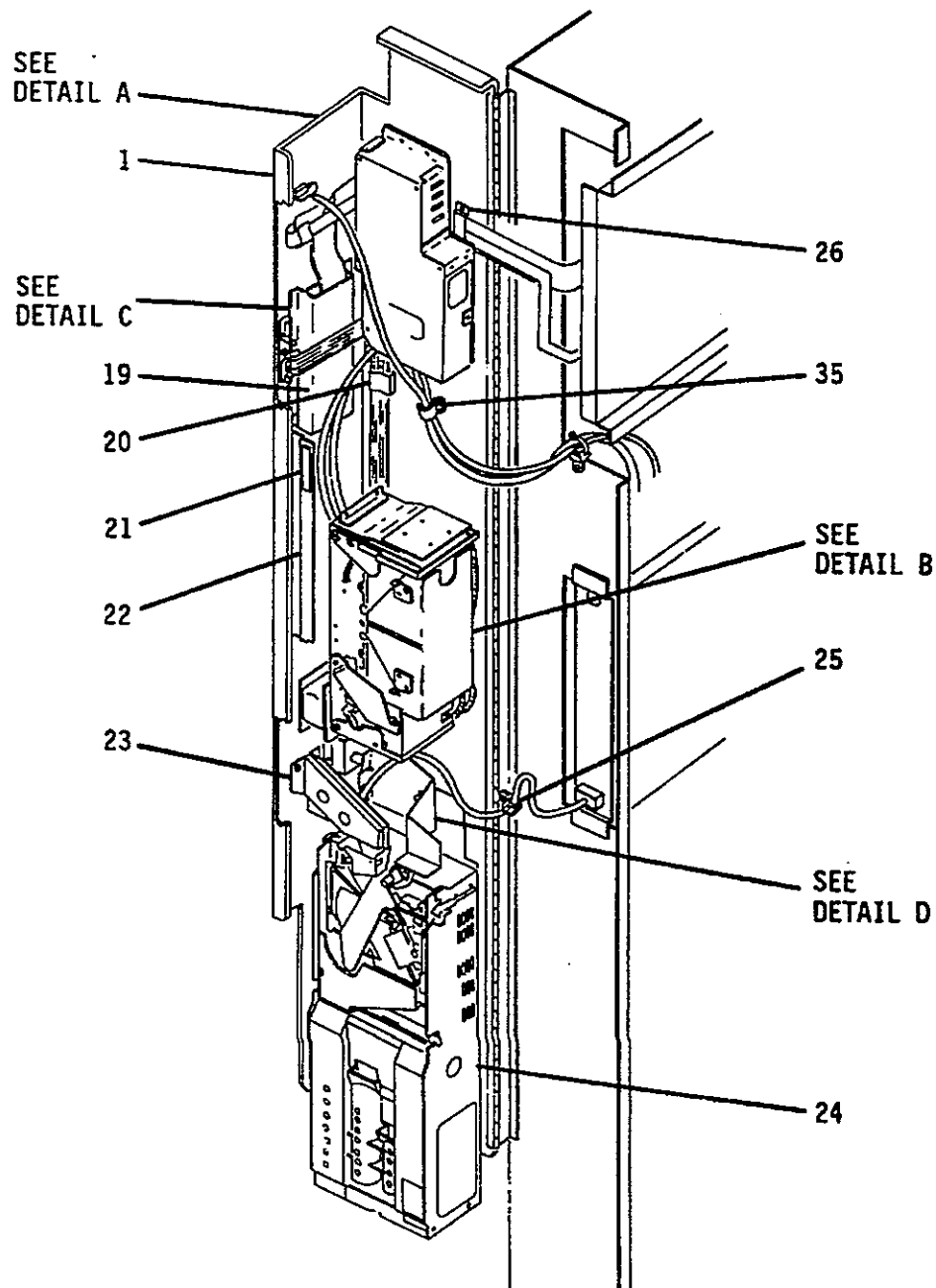
SEE
DETAIL A

1

SEE
DETAIL C

19

20

21

22

23

26

35

SEE
DETAIL B

25

SEE
DETAIL D

24

FIGURE 24 (1 OF 3)

Glasco™

1 Ref

2

27

6

33

8

9

DETAIL A

6 Ref

33

1 Ref

32
36

30

28

31
29

DETAIL B

FIGURE 24 (2 OF 3)

DETAIL C

DETAIL D
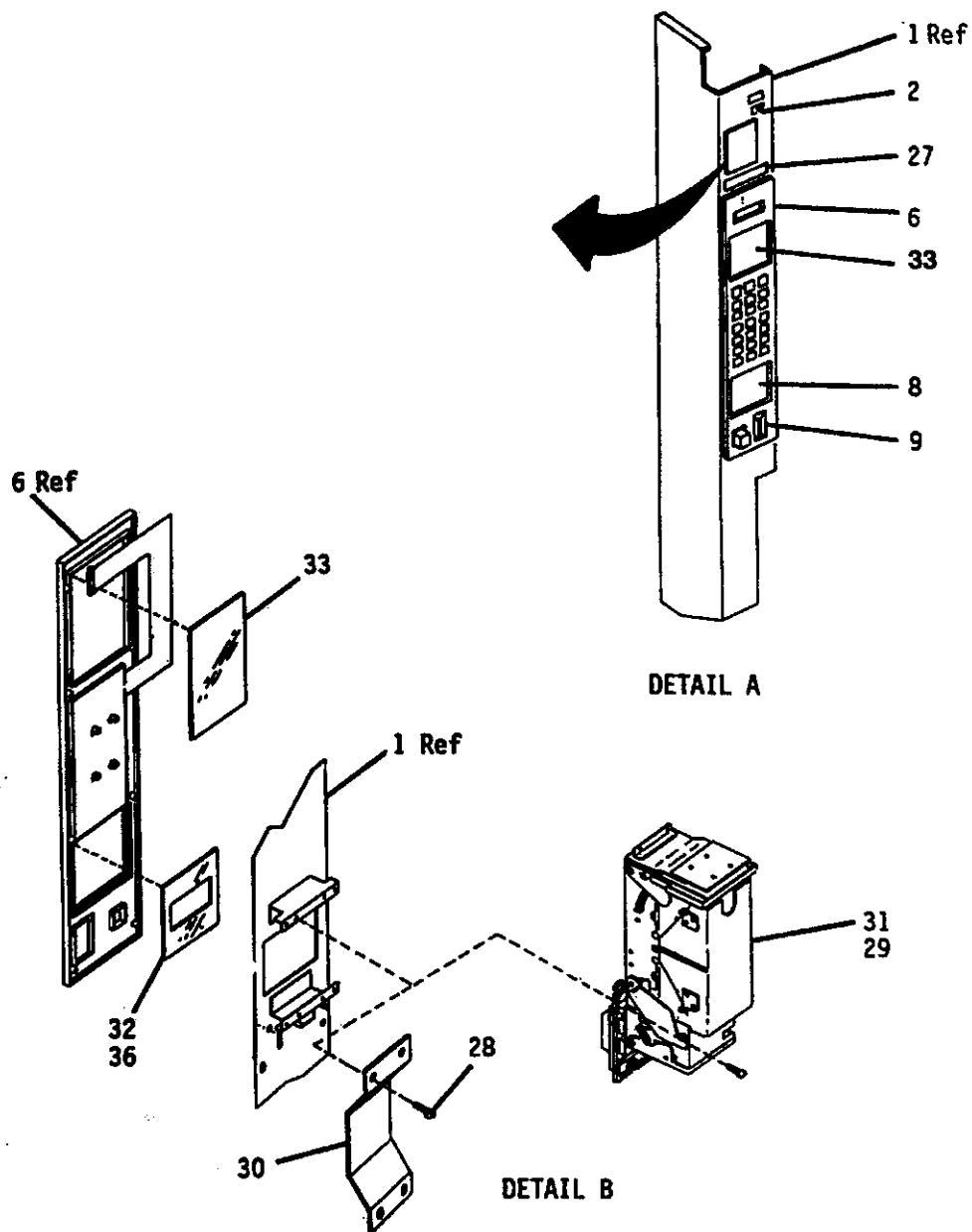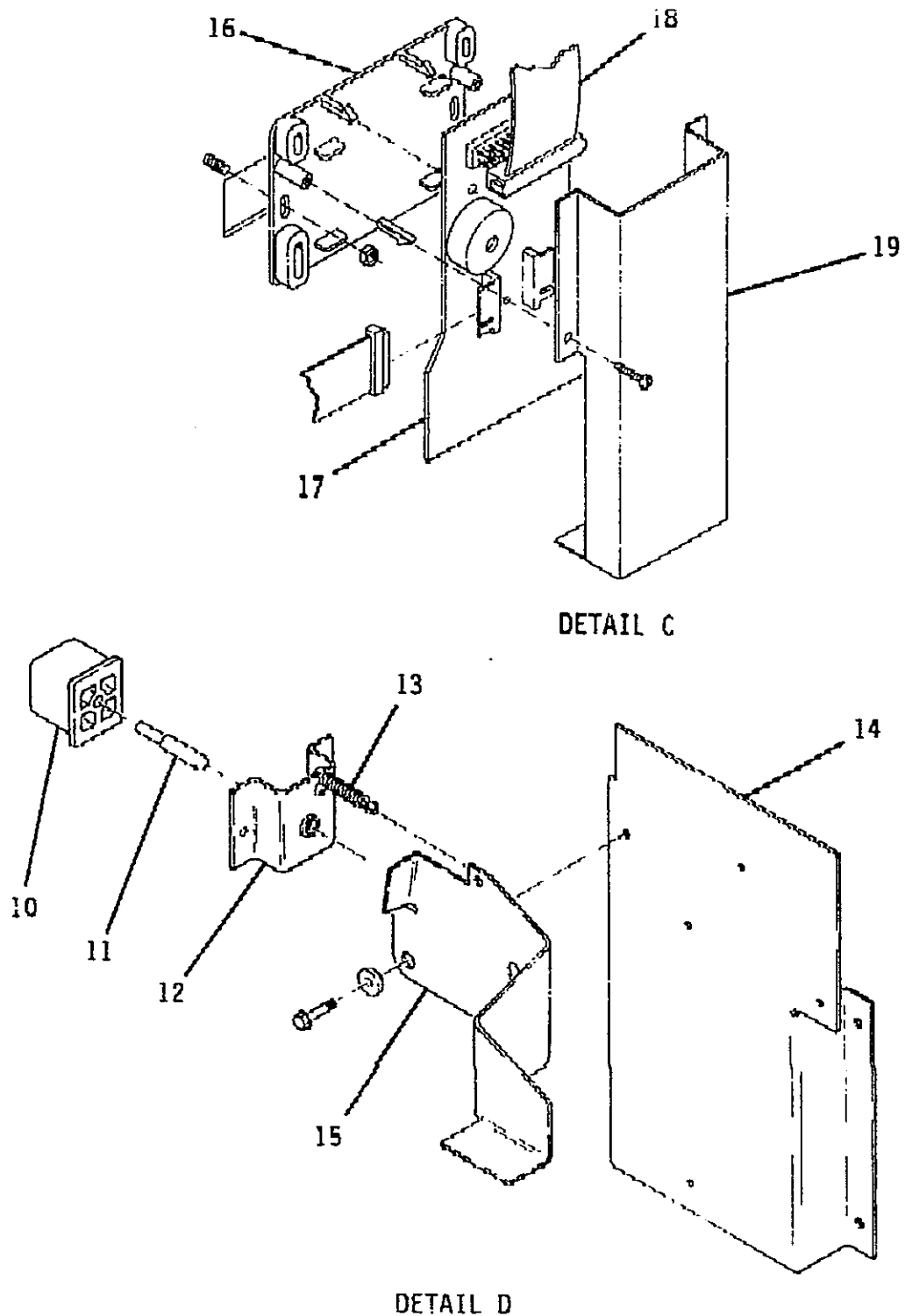
FIGURE 24 (3 OF 3)

FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
25-	Faceplate Assembly - Glasco (See Figure 24, Index 24-6 for Next Higher Assembly)	G1475007	Ref	G1475007	Ref
25-1	1/8 Nut - Self-Threading	1475089	4	1475089	4
25-2	Plate - Selection Switch Back	1475030	1	1475030	1
25-3	Switch Assembly - Selection	1475029	1	1475029	1
25-4	Letter Sheet - Selection Switch - Glasco	G1475006	1	G1475006	1
25-5	Lens - Pushbutton	1472251	21	1472251	21
25-6	Faceplate - Monetary - Glasco	G1475008	1	G1475008	1
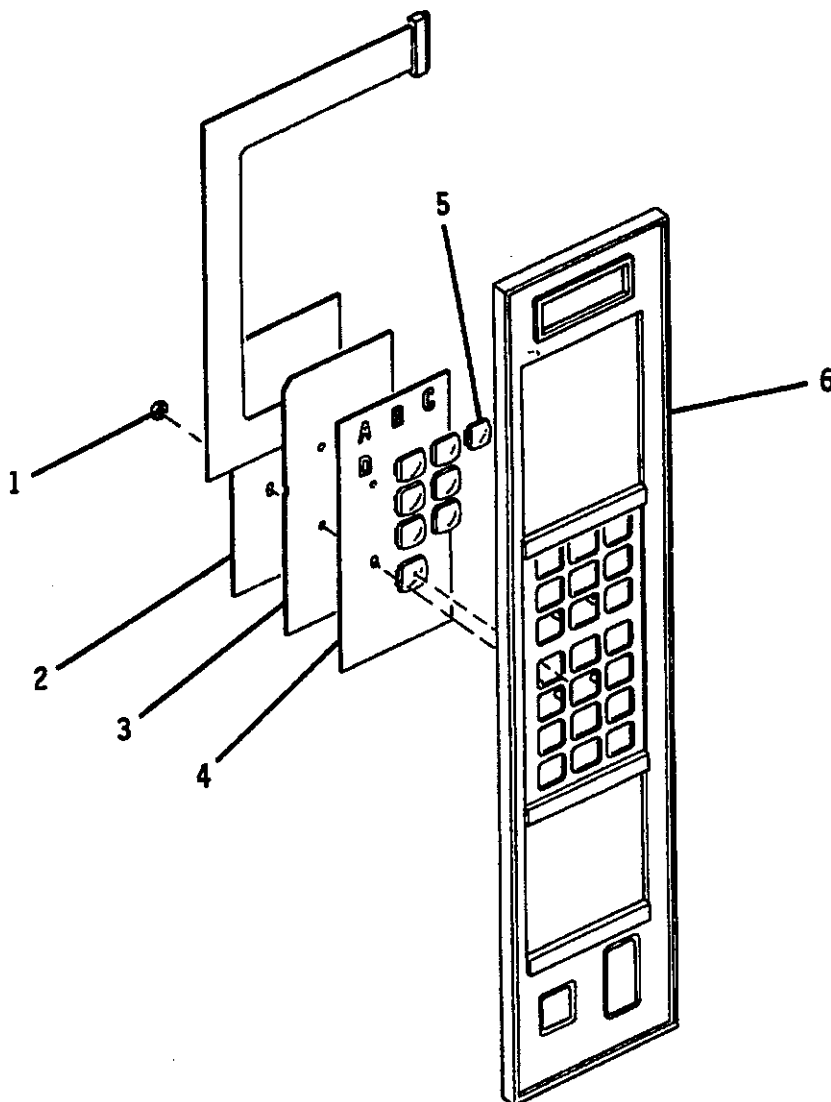
FIGURE 25

OPTIONS AND ACCESSORIES

FIGURE-INDEX NUMBER	DESCRIPTION	GCF-2		GSC-8	
		PART NO.	QTY	PART NO.	QTY
	Gum and Mint Column	1489000	1	1489000	1
	Bracket - Rod - Gum and Mint	1489009	1	1489009	1
	Rod - Gum and Mint Support	1479140	1	1479140	1
	Clamp - Cable	4752037	1	4752037	1
	Baseplate and Accessory Assembly	1481039	1	1481039	1

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REFRIGERATED MODULE

FOOD MODULE

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
1	Refrigerated Food Module	-------	1
-1	Delivery Pan Assembly(See Figure 2 For Breakdown)	G4742001	1
-2	NOT USED		
-3	NOT USED		
-4	NOT USED		
-5	NOT USED		
-6	Retainer - Harness, J" Type, 3/8ID.	1452139	1
-7	NOT USED		
-8	NOT USED		
-9	NOT USED		
-10	NOT USED		
-11	Housing Assembly - Refrigerated Food Module And (See Figure 4 for Breakdown)	------	1
-12	NOT USED		
-13	NOT USED		
-14	NOT USED		
-15	NOT USED		
-16	NOT USED		
-17	NOT USED		
-18	NOT USED		
-19	NOT USED		
-20	Harness - Delivery Pan - Food Modue	4402026	1
-21	NOT USED		
-22	Fluorescent Light Assembly (See Figure 3 For Breakdown)	4401014	1
	Screw - #8-32 x 3/8, THS, BLK	1170206	4
-23	NOT USED		
-24	NOT USED		
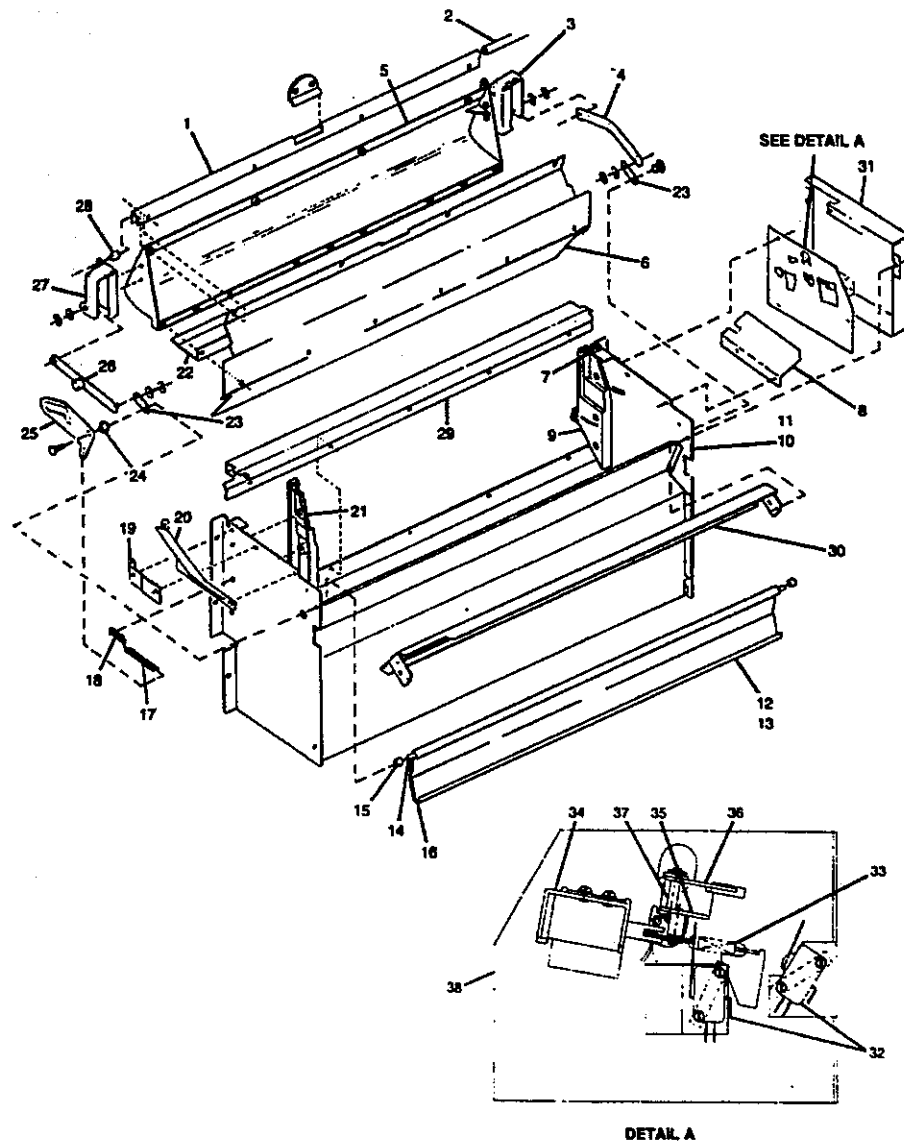
FIGURE 2

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
2	Delivery Pan Assembly (See Figure 1, Index 1 for NHA)	4402018	Ref
-1	Channel - Door	1462035	1
	Screw - #8-32 x 3/8, THS, BLK	1170206	4
	Nut - #8-32	1402052	4
-2	Shaft - Door Pivot	1482002	1
-3	Actuator - Delivery Door - LH	1472272	1
	Screw - #8-32 x 3/8, THS, BLK	1170206	2
	Nut - #8-32 - Self-Locking	1412046	2
-4	Actuator Assembly - Left	4402017	1
	Ring - Retaining - E" Type - 5/16	9900146	2
	Washer - Brass - 9/16OD x 5/16ID	9900171	2
-5	Door - Delivery	1482170	1
-6	Liner - Pilferage Door	1482163	1
	Screw - #8-18 x 3/8, BLK	7207019	4
-7	Bracket - Door Pivot - LH	1472069	1
	Screw - #8-32 x 3/8, THS, BLK	1170206	2
	Nut - #8-32 KEPS	9900081	3
-8	Deflector - LH	4402028	1
	Screw - #8-32 x 3/8, THS, BLK	1170206	2
	Nut - #8-32 KEPS	9900081	3
-9	Filler - Left	1412023	1
	Bolt - Carriage - #8-32, BLK	1306140	3
	Nut - #8-32 KEPS	9900081	2
-10	Delivery Pan Weldment	4402000	1
-11	Pad - Delivery Pan (Self-Adhesive)	4742012	3
-12	Door Assembly - Rear Delivery	1482171	1
-13	Tape - Vinyl Foam	1412058	6
-14	Washer - 3/8OD x 9/16ID	1472087	2
-15	Spacer	1472083	2
-16	Clip - Canoe	4042556	2
-17	Spring - Elevator Guide Arm	4246044	1
-18	Bracket - Spring	2342110	1
-19	Bracket - Door Pivot - RH	1472068	1
	Screw - #8-32 x 3/8, THS, BLK	1170206	2
	Nut - #8-32 KEPS	9900081	3
-20	Deflector Assembly - RH	4402014	1
	Screw - #8-32 x 3/8, THS, BLK	1170206	2
	Nut - #8-32 KEPS	9900081	3

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FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
-21	Filler - Right	1412022	1
	Bolt - Carriage - #8-32, BLK	1170206	1
	Nut - #8-32 KEPS	9900081	3
-22	Angle - Delivery Door	1462073	1
-23	Actuator - Rear Pivot	1472145	2
	Screw - #8-32 x 3/8, THS, BLK	1170206	1
	Screw - #8-32 x 5/8, PHS, W/LW	9900202	1
	Washer - Scavenger Bar - 9/16ID	2204093	1
-24	Bushing - Delivery - Linkage	2342109	1
-25	Plate - Door Retention	44042016	1
-26	Actuator Assembly - Right	1472156	1
	Ring - Retaining E" Type - 5/16	9900146	2
	Washer - Brass - 9/16OD x 5/16ID	9900171	2
-27	Actuator - Delivery Door - RH	1472271	1
	Screw - #8-32 x 3/8, THS, BLK	1170206	2
	Nut - #8-32 - Self-Locking	1412046	2
-28	Spacer - Delivery Door	1472219	2
-29	Pan - Delivery - Front	1482187	1
	Bolt - Carriage - #8-32 x 3/8 BLK	1306140	4
	Nut - #8-32 KEPS	9900081	4
-30	Filler - Delivery Pan	4402032	1
	Screw - #8-32 x 3/8, THS, BLK	1170206	4
-31	Cover - Latch Mechanism	4402027	1
—	Mounting Plate Assembly - Latch	4402021	1
	Screw - #8-18 x 3/8, LGM	4721035	1
-32	Switch - Lever - 1-7/8	4302319	2
	Screw - #4-40 x 5/8, RHS, Mach	1217160	2
	Fastener - Twin Type	4302316	1
-33	Spring - Shelf Reset	1127808	1
-34	Solenoid - 24VDC	4252030	1
	Screw - #6-32 x 3/16, RHS, W/LW	9900090	2
	Pin - Cotter - 3/32 x 3/4	9900098	1
-35	Link - Solenoid	4402013	1
	Ring - Retaining - E" Type - 0.187	9900418	1
-36	Latch and Stud Assembly	4402023	1
	Ring - Retaining - E" Type - 0.187	9900418	1
-37	Pin - Latch	4402022	1
	Ring - Retaining - E" Type - 0.187	9900418	1
-38	Plate and Bracket Assembly	4402029	1
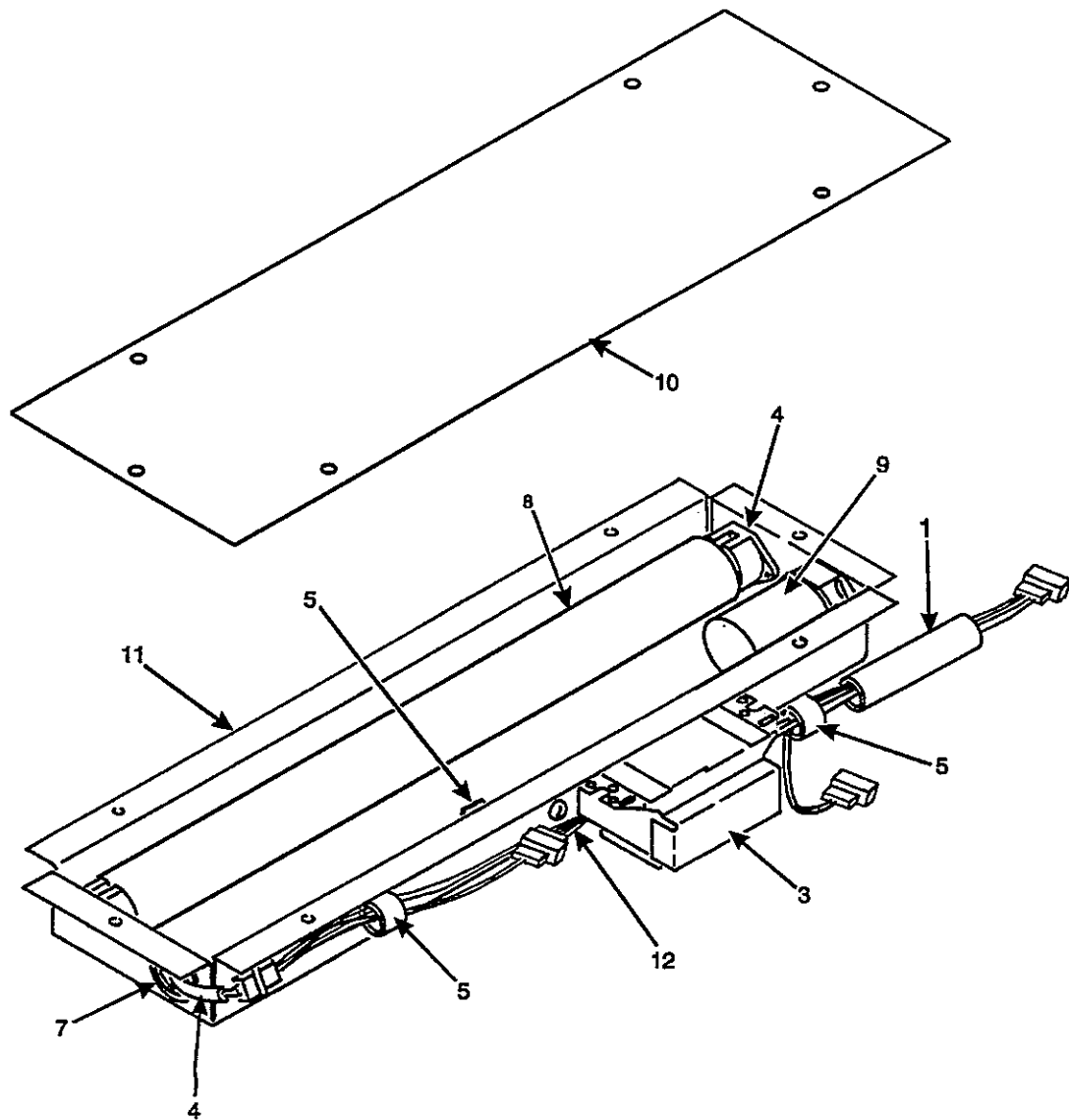
FIGURE 3

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
3	Fluorescent Light Asssembly (See Figure 1, Index 22 for NHA)	4401014	Ref
	Fluorescent Light Asssembly (See Figure 1, Index 10 for NHA)	4422007	N/A
-1	Suppression Network	1451124	1
-2	Jumper - Filter and Fluorescent Light	3156032	N/A
-3	Ballast Assembly	4401016	1
-4	Harness - Fluorescent Light	4401010	1
	Screw - #4-40 x 3/8, RHS (AP)	6106341	6
	Nut - #4-40, Self-Locking (AP)	2222227	2
-5	Retainer - Harness	1452139	3
-6	Clamp - Cable	6107179	N/A
-7	Bushing - Open/Closed	4401017	1
-8	Lamp - Fluorescent	2146059	1
-9	Starter - Fluorescent Light	1212148	1
-10	Diffuser - Light	4401013	1
	Clip - Canoe (AP)	4042556	2
-11	Housing - Light	4401025	1
	Screw - #8-32 x 3/8, RHS (AP)	9900019	5
	Nut - #8-32 KEPS (AP)	9900081	5
-12	Harness - Power To Fluorescent Light - Food Module	4401018	1

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
4	Refrigerated Food Module and Housing Assembly (See Figure 1, Index 11 for NHA)	-------	Ref
-1	Food Module Assembly - Refrigerated	4407000	1
-2	Refrigeration Module Assembly	4744098	1
-3	Cover and Seal Assembly	4741213	1
	Screw - #8-18 x .62, Hex Hd	4727144	4
-4	Door - Refrigeration Module	4744027	1
-5	Retainer - Door	4744042	1
	Screw - #8-18 x .62, Hex Hd	4727144	6
-6	Gasket - Refrigeration Module - 55IN. LG. (Between Food Module and Refrigeration Housing)	4744017	1
-7	Tray Assembly - Refrigerated Food Module (See Figure 7 for Breakdown)	------	3
-8	Gasket - Refrigeration Module (Between Food Module and Refrigeration Housing)	4404013	1

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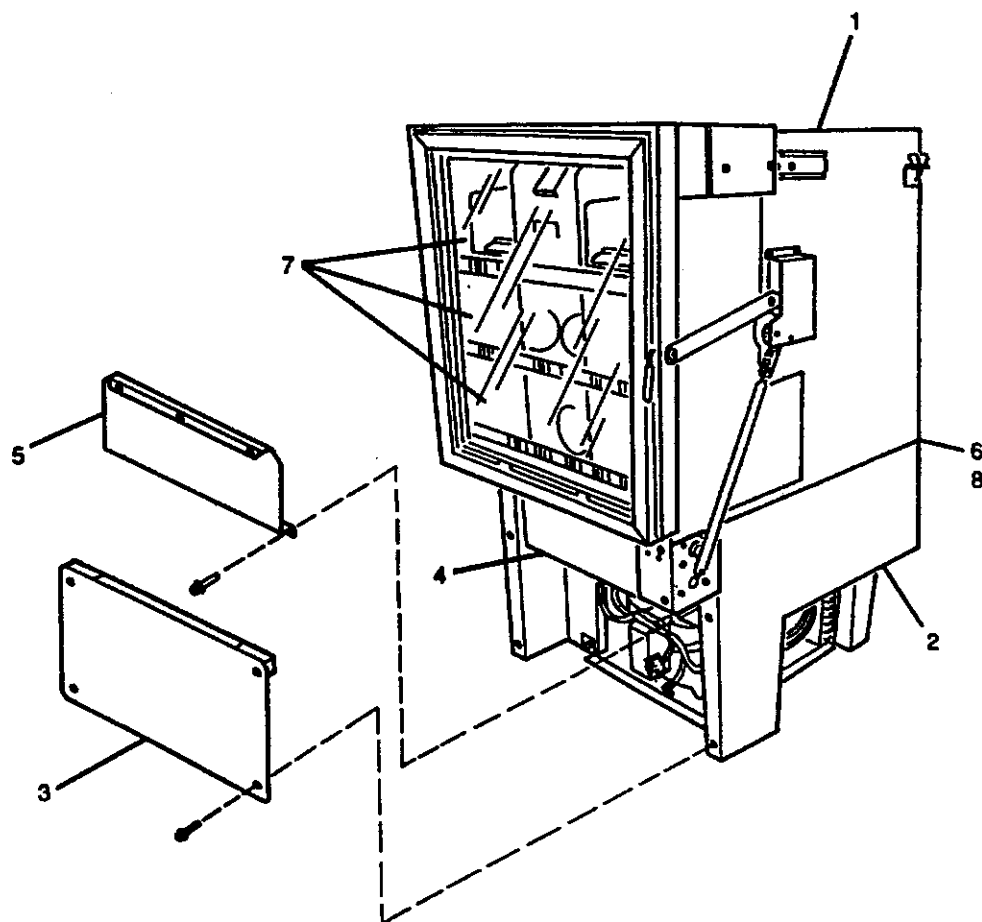
FIGURE 4

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
5	Food Module Assembly - Refrigerated (See Figure 4, Index 1 for NHA)	4407000	Ref
-1	Door Assembly - Refrigerated Food Module	4407115	1
	Screw - #8-32 x 3/8, PHS, T/F	5500026	4
-2	Drive Arm Assembly - Left Hand (See Figure 9 for breakdown)	4407052	1
	Ring - Retaining - E" Type - 0.25	9900425	1
	Ring - Retaining - E" Type - 0.312	9900431	1
	Screw - #8-32 x .31, Hex Hd, T/F, BLK	1451097	4
-3	Drive Arm Assembly - Right Hand	4407069	1
	Ring - Retaining - E" Type - 0.25	9900425	2
	Screw - #8-32 x .31, hex Hd, T/F, BLK	1451097	4
—	Drive Shaft Assembly	4407086	1
	Screw - #8-18 x 3/8, LGM	47210351	2
	Screw - #8-18 x .62, Hex Hd	4727144	1
-4	Pin - Cotter - 3/32 x 3/4	9900098	2
-5	Arm - Drive	4407079	1
-6	Bushing - Shoulder	4407012	1
-7	Bracket - Drive Shaft	4407088	1
—	Drive Shaft and Roll Pin	4407092	1
-8	Shaft - Drive	4407087	1
-9	Pin - Roll - 1/8 x 13/16	3127034	2
-10	Bracket Assembly - Motor Mounting (See Figure 11 for breakdown)	4407077	1
	Screw - #8-18 x 3/8, LGM	4721035	3
	Screw - #8-18 x .62, Hex Hd	4727144	1
-11	Cover - Motor Assembly	4744425	1
	Screw - #8-32 x .31, Hex Hd, T/F, BLK	1451097	2
-12	Guide - Door Frame Support	4407004	1
	Screw - #8 x 3/8, Sheet Metal	4047056	2
-13	Frame Assembly - Door (See Figure 12 for breakdown)	4747716	1
	Screw - #8-32 x 3/8, PHS, T/F	5500026	6
-14	Bracket - Cabinet Support	4747715	2
	Screw - #8-18 x .62, Hex Hd	4727144	2
-15	Mounting Strap - Module	4747062	2
	Screw - #8-18 x 3/8, LGM	4721035	2
	Screw - #8-18 x .62, Hex Hd	4727144	2
-16	Bracket - Cable Plug	4407002	1
	Screw - #8-18 x .38, LGM	4721035	2
—	Keeper and Closure Assembly	4407012	3
	Screw - #8-18 x .38, Stainless	4402038	1
-17	Keeper - Harness	4407156	1
-18	Closure - Rect.	4407014	1
-19	Flat Cable Assembly	4402010	3
-20	Clip - Wire Harness	2342315	3
	Screw - #8-18 x .38, Stainless	4402038	1

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FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
-21	Jumper - Channel PCB - Food Module	4407009	1
---	Rail and Stop Assembly - LH	4407015	3
	Screw - #8-18 x .38, Stainless	4402038	1
-22	Tube - .88LG	4407016	1
	Screw - #10-32 x 1-1/2, RHS, Stainless	4402037	1
	Nut - #10-32 Keps, Stainless	6104424	1
-23	Rail and Roller Assembly - LH	4407017	1
---	Rail and Stop Assembly - RH	4407020	3
	Screw - #8-18 x .38, Stainless	4402038	1
-24	Tube - .88LG	4407016	1
	Screw - #10-32 x 1-1/2, RHS, Stainless	4402037	1
	Nut - #10-32 Keps, Stainless	6104424	1
-25	Rail and Roller Assembly - RH	4407021	1
---	Bracket and Temperature Sensor Assembly	4407010	1
	Screw - #8-18 x .38, Stainless	4402038	2
-26	Sensor Assembly - Tank Temperature	6236022	1
	Wire Tie - Self-Clinching	4042121	2
-27	Bracket - Temperature Sensor	4407155	1
-28	Harness - Sensor Interface - Food Module	4407008	1
---	Bracket and PCB Assembly	4407022	1
	Screw - #8-18 x .38, Stainless	4402038	2
-29	PCB Assembly - Channel - Food Module	4401000	1
	Screw - #6-32 x 9/16, PHS, W/Lockwasher, Stainless	6107244	3
	Spacer - .38OD x .14ID x .187LG	4407025	3
-30	Support - Circuit Board - Miniature	4407024	2
-31	Bracket - PC Board	4407146	1
-32	Bushing - Heyco Open/Closed	3502097	1
-33	Housing and Liner Assembly	4407026	1
-34	Decal - Cold/Frozen Food	4741223	1
-35	Decal - Chilled for Freshness	4612001	1

FIGURE 5 (1 OF 3)

TOP

CABINET INTERIOR RIGHT SIDE VIEW

BACK   FRONT

FIGURE 5 (2 OF 3)

TOP

FRONT   CABINET INTERIOR LEFT SIDE VIEW   BACK

TOP
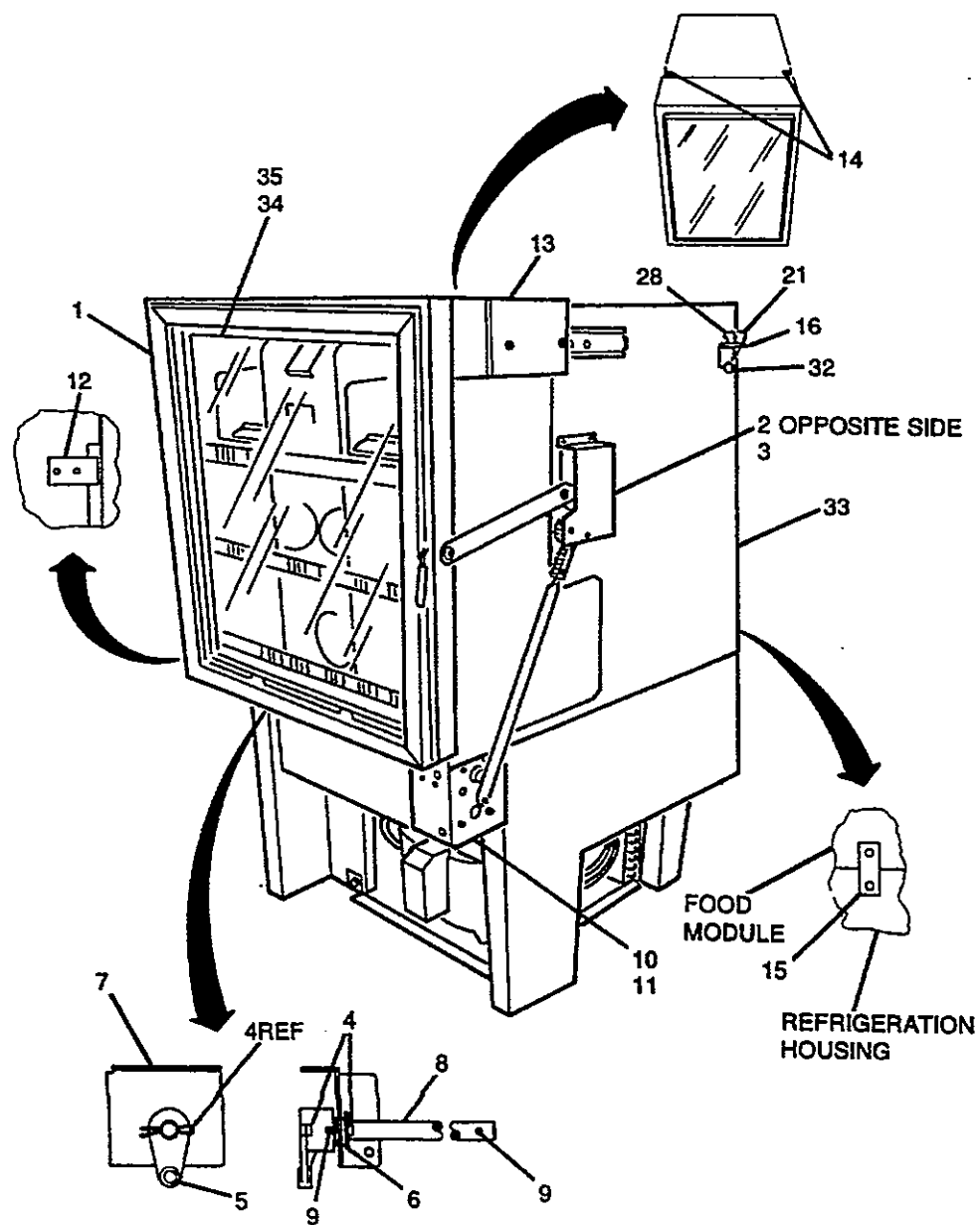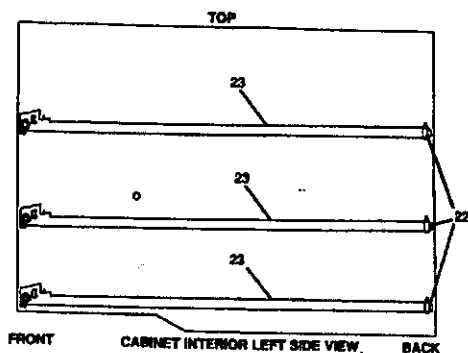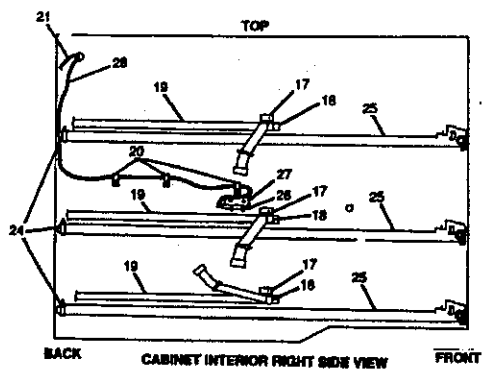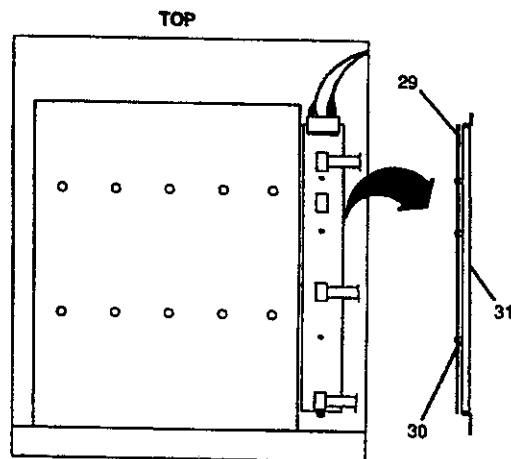
CABINET INTERIOR BACK VIEW

FIGURE 5 (3 OF 3)

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
6	Refrigeration Module Assembly - Final (See Figure 4, Index 2 for NHA)	4744098	Ref
—	Spacer and PCB Assembly - Interface	4404009	1
	Screw - #8-18 x 2-1/2, T/HHS	4404004	1
	Speed Nut - Ballast	2221032	1
	Cover - Screw Tip	3152081	1
	Screw - #8-18 x .62	4727144	3
-1	PCB Assembly - Interface	4404000	1
-2	Spacer - Self-Retaining	4404010	6
—	Shroud and Fan Assembly - Evaporator	4404005	1
	Screw - #8-18 x 3/8, LGM	4721035	2
-3	Plate - Evaporator Fan Shroud	4404006	4
	Screw - #8-18 x 3/8, LGM	4721035	2
-4	Shroud - Top	4744020	1
	Screw - #8-18 x 3/8, LGM	4721035	3
-5	Shroud - Evaporator Fan	4744045	1
	Screw - #8-32 x .31, Hex Hd, T/C	1451056	4
-6	Fan - Evaporator	4724124	1
	Screw - #8-32 x 3/8, RHS	9900019	4
	Nut - #8-32 KEPS	9900081	4
—	Baffle and Gasket Assembly	4404014	1
-7	Baffle - Refrigeration	4404003	1
-8	Gasket - Baffle - Top	4404015	1
-9	Gasket - Baffle - Bottom	4404016	1
—	Triac and Support Assembly	4774018	1
	Bolt - 1/4-20 x 3/4, Hex Hd	1141054	2
-10	Triac	9983778	1
	Screw - #6-32 x 3/8, RHS, Mach	9900008	2
	Nut - #6-32 KEPS	9900078	2
-11	Support - Triac	4774019	1
-12	Retainer - Harness	4732024	2
-13	Harness - Control Switch - Food Module	4404011	1
-14	Refrigeration Module Assembly (See Figure 13 for Breakdown)	4744090	1
	Bolt - 1/4-20 x 1-1/5, Hex Hd	3608119	2
	Washer - Steel - 3/4OD x .264ID	1140351	4
	Nut - 1/4-20 Self-Locking	9900184	2
-15	Housing Assembly - Refrigeration Module	4404012	1
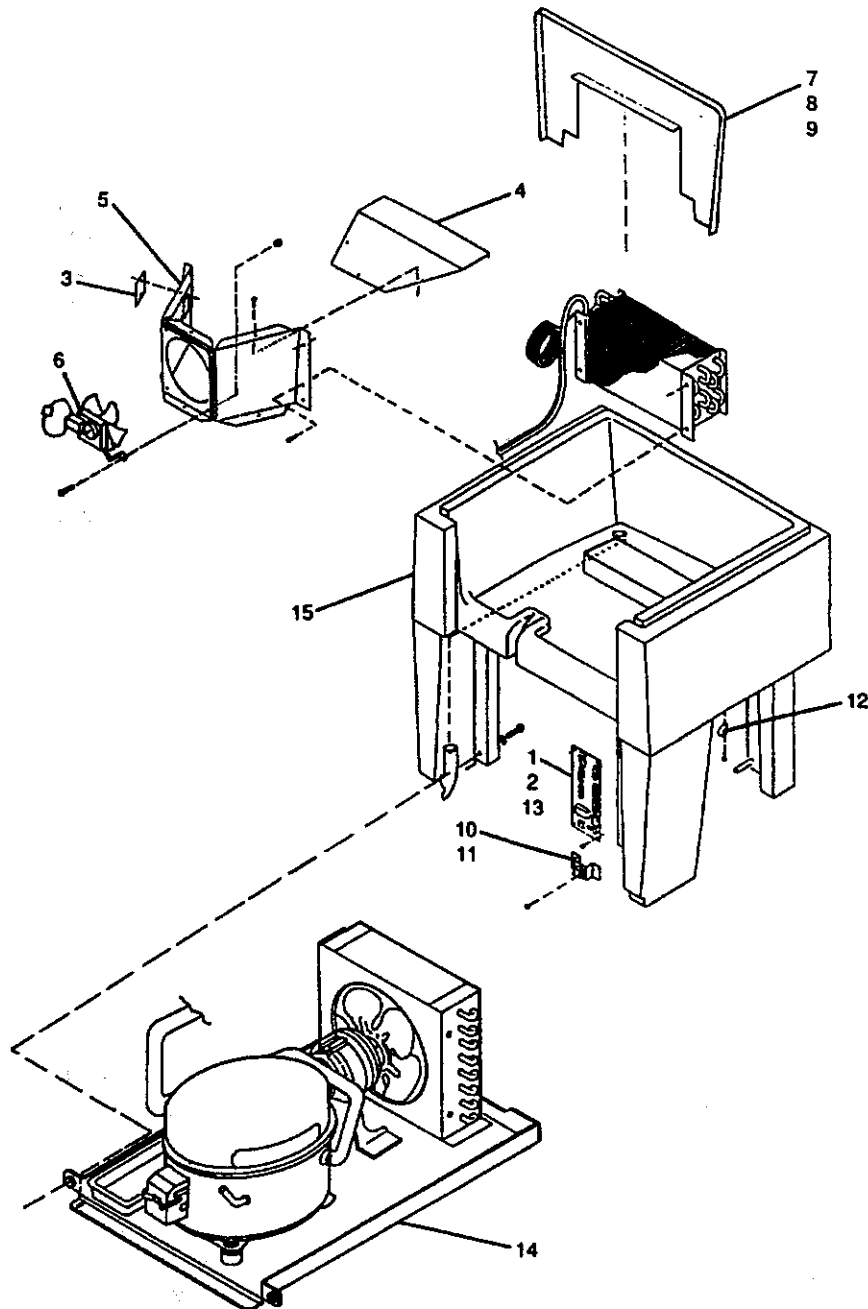
FIGURE 6

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
7	Tray Assembly - Refrigerated Food Module (See Figure 4, Index 7 for NHA)	———	1
-1	Latch	1477017	4
	Retainer - Push-on - 5/16	5201267	1
-2	Spacer - 3/8OD x 9/64ID x 3/16THK	4407025	2
-3	Grommet - 2IN. LG. (Straight, push-on type)	4407502	3
-4	Tray - Weld Assembly	4402034	1
—	Retainer and Closure Assembly	4407506	1
	Screw #8-18 x 3/8, Stainless	4402038	1
-5	Retainer - Harness	4407516	1
-6	Closure - Rectangular	4407014	1
-7	Roller - Tray	4407019	2
	Stud - Tray Roller	4407514	1
	Washer - 5/8OD x 9/32ID x 1/16THK, Stainless	4402041	1
	Nut 1/4-20 Self-Locking, Stainless	4402046	1
-8	P.C. Board Assembly - Tray - Food Module	4402008	1
	Screw #6-32 x 1/2, PHS, T/C, Stainless	6107240	2
-9	Rail - Price and Selection	4407503	1
-10	Holder - Price and Selection	4407504	1
	Screw #8-32 x 3/8, PHS, Stainless	3108221	3
	Nut #8-32 W/Lockwasher, Stainless	4402043	3
-11	Harness - 6 Motor	4407501	1
-12	Pusher Module Assembly	4407700	1
	Screw #8-32 x 3/8, PHS, T/C, Stainless	3104138	2
-13	Belt Module Assembly	4407600	1
	Screw #8-32 x 3/8, PHS, T/C, Stainless	3104138	2
-14	Spiral Module Assembly	4407800	1
	Screw #8-32 x 3/8, PHS, T/C, Stainless	3104138	1
-15	Label - Tray Removal	4757500	3
-16	Retainer - Spiral Module (Used with Index 14 only)	4407845	1
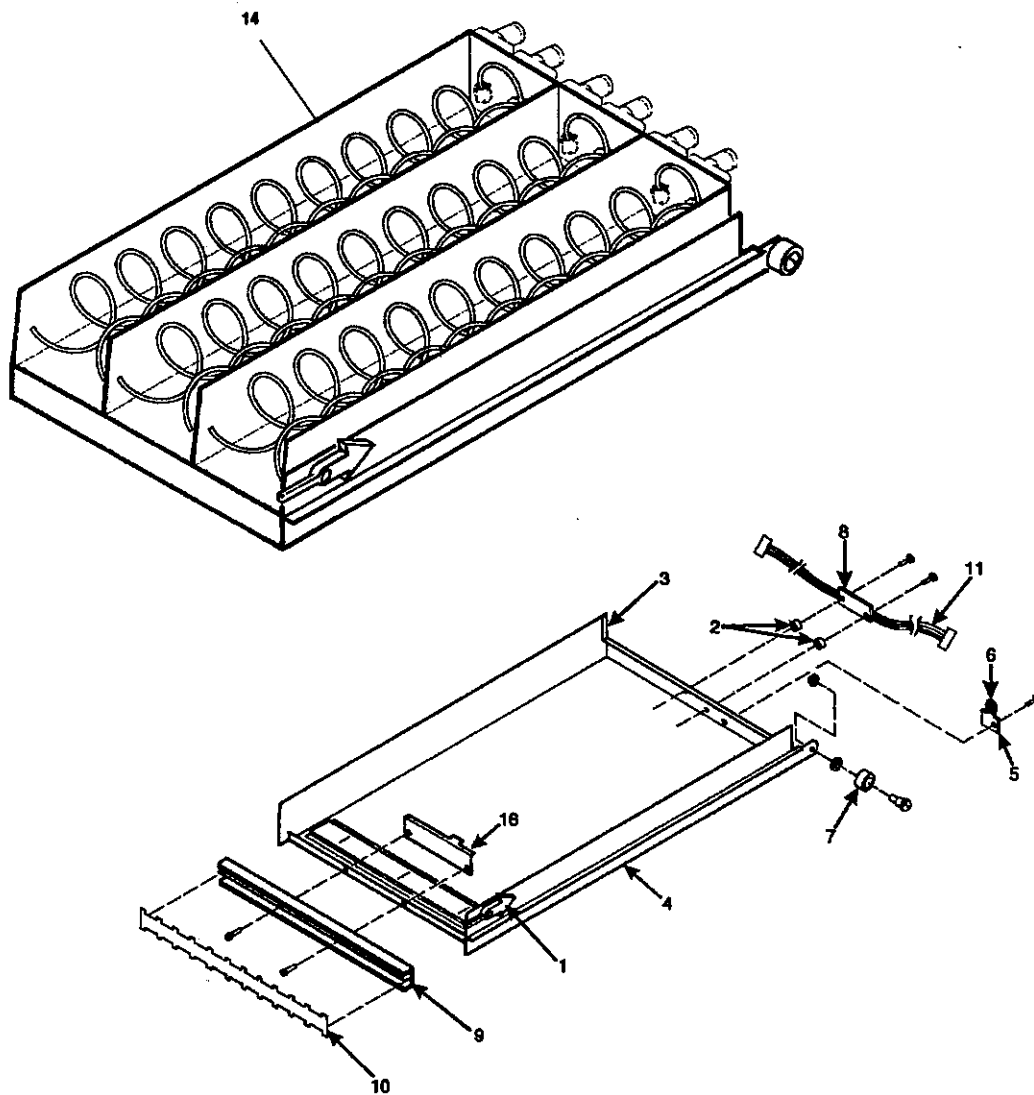
FIGURE 7

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
8	Door Assembly - Refrigerated Food Module	4407115	Ref
-1	Door Assembly	-------	1
-2	Pin - Hinge	4407120	1
-3	Hinge - Food Module	4407132	1
-4	Lever - Latch	4407116	1
	Washer - Spring	5220113	1
	Ring - Retaining - E" Type - 0.25	9900425	1

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
9	Drive Arm Assembly - Left Hand	4407052	1
---	Frame Drive Arm Assembly - LH	4407057	1
-1	Arm - LH Door Frame Long	4407059	1
	Nut - #8-32	1412046	1
	Washer - Spring	2202109	1
	Spacer - Extension Bar	5202012	1
	Pivot - Frame Drive Arm	4407058	1
-2	Frame Drive Arm Assembly	4407062	1
---	Drive Rack and Arm Assembly	4407065	1
-3	Rack - Drive	4407066	1
	Nut - #8-32 - Self-Locking	9900072	2
	Bolt - Carriage - #8-32 x 3/8	1306140	2
-4	Arm Assembly - Drive Rack	4407067	1
-5	Arm - Toggle	4407056	1
	Ring - Retaining - E" Type	9900425	1
-6	Cover - Toggle - LH	4407133	1
-7	Plate - Toggle - LH	4407053	1
-8	Roller - Drive Rack	4407055	1

FIGURE INDEX NUMBE	DESCRIPTION	PART NO.	QTY.
10	Drive Arm Assembly - Right Hand (See Figure 5, Index 3 for NHA)	4407069	1
---	Frame Drive Arm Assembly - RH	4407072	1
-1	Arm - RH Door Frame Long	4407139	1
	Nut - #8-32	1412046	1
	Washer - Spring	2202109	1
	Spacer - Extension Bar	5202012	1
	Pivot - Frame Drive Arm	4407058	1
-2	Frame Drive Arm Assembly	4407074	1
—	Drive Rack and Arm Assembly - RH	4407076	1
-3	Rack - Drive	4407066	1
	Nut - #8-32 - Self-Locking	9900072	2
	Bolt - Carriage - #8-32 x 3/8 (	1306140	2
-4	Arm Assembly - Drive Rack	4407067	1
-5	Arm - Toggle	4407056	1
	Ring - Retaining - E° Type	9900425	1
-6	Cover - Toggle - RH	4407134	1
-7	Plate - Toggle - RH	4407070	1
-8	Roller - Drive Rack	4407055	1
11	Bracket Assembly - Motor Mounting (See Figure 5, Index 10 for NHA)	4407077	Ref
-1	Arm - Drive	4407079	1
	Pin - Cotter - 3/32 x 3/4	9900098	1
—	Motor Assembly - Food Module	4407094	1
	Screw - #8-32 x .37, PHS, W/LW	9900023	4
-2	Pin - Roll - 1/8 x 13/16	3127034	3
-3	Cam - H.C. Switch Override	4407093	1
-4	Motor - Food Module	4407157	1
-5	Coupling - Motor and Shaft	4407080	1
-6	Switch - Roller Lever	2304109	2
	Screw - #4-40 x 1, RHS	5201086	2
	Nut - #4-40 KEPS (	1217159	2
-7	Actuator Assembly - H.C. Switch	4407084	1
	Screw - #8-32 x .31, Hex Hd, T/F, BLK	1451097	1
	Spacer - Release Arm	2228011	1
-8	Switch - V3-1101-D8	2306488	2
	Screw - #4-40 x 1, RHS	5201086	2
	Nut - #4-40 KEPS	1217159	2
-9	Retainer - Harness	1452139	1
	Screw - #8-32 x .31, Hex Hd, T/F, BLK	1451097	1
-10	Mounting Bracket - Motor	4407131	1

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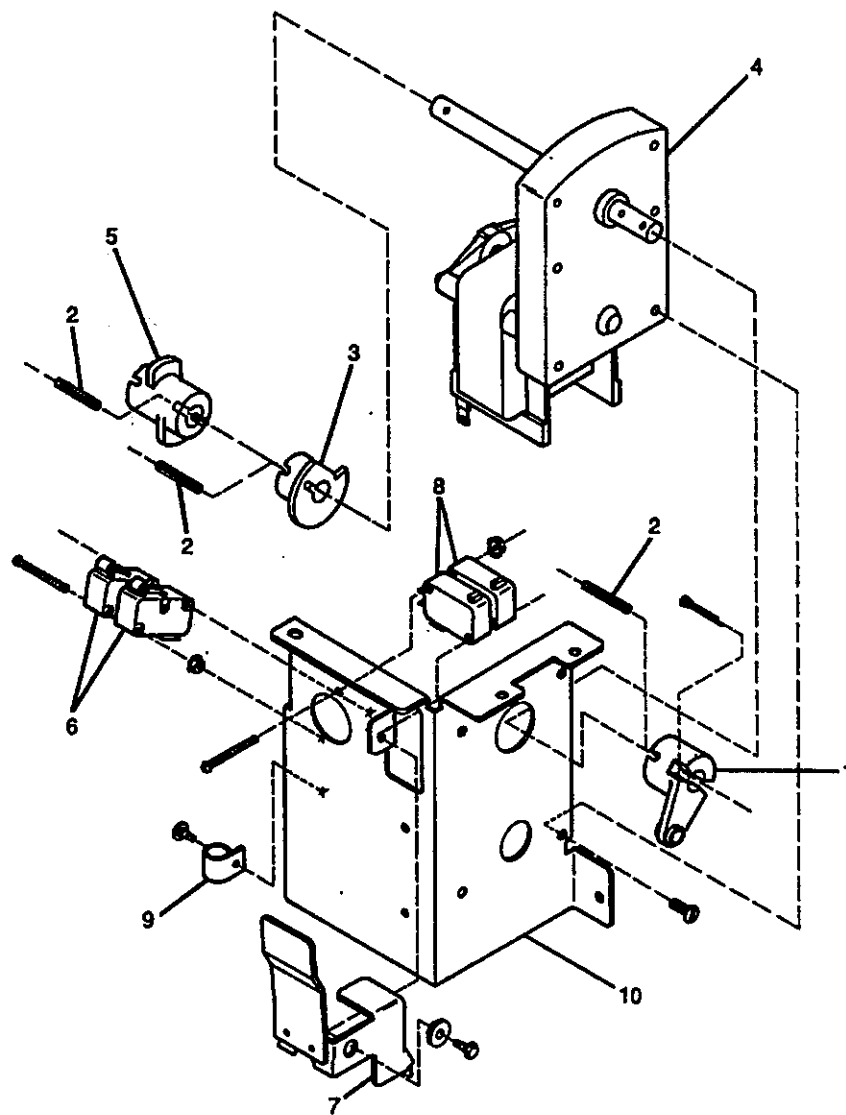
FIGURE 11

FIGURE INDEX NUMBE	DESCRIPTION	PART NO.	QTY.
12	Frame Assembly - Door (See Figure 5, Index 13 for NHA)	4747716	1
-1	Slide - 10IN	4407103	2
	Screw - #8-32 x 3/8, THS, BLK	1170206	2
	Nut - #8-32	1412046	2
-2	Stud - Door Latch	4407102	1
	Ring - Retaining - E" Type - 0.312	9900431	1
-3	Support - Door Frame	4407101	1
-4	Shield - Side - LH	4407158	1
	Screw - #8-32 x .31, Hex Hd, T/F, BLK	1451097	3
-5	Shield - Side - RH	4407159	1
	Screw - #8-32 x .31, Hex Hd, T/F, BLK	1451097	3
-6	Shield - Top	4407106	1
	Screw - #8-32 x .31, Hex Hd, T/F, BLK	1451097	2
-7	Caplug - Rect. - 1/2 x 1	1479120	1
-8	Door Frame Weld Assembly	4407107	1

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FIGURE INDEX NUMBE	DESCRIPTION	PART NO.	QTY.
13	Refrigeration Module Assembly (See Figure 6, Index 14 for NHA)	4744090	Ref
-1	Wiretie	2204513	4
-2	Shroud - Condenser	3608146	1
	Clip - Speed - Dart Style	4043082	4
-3	Bracket - Condenser Motor	4744009	1
	Nut #1/4-20, Keps	1211105	2
-4	Motor - Condenser Fan	4744112	1
	Screw - #8-32 x 3/8, Hex W/Hd	3157060	4
-5	Blade - Condenser Fan FV-70	3608149	1
	Nut - Speed #1/4-20	4043122	1
-6	Pan - Condensate	4744022	1
-7	Base and Stud Assembly - Condensing	4744046	1
	Bolt #1/4-20 x 1-1/2, Hex Hd	3608119	2
	Washer - Steel - 3/4OD x .264ID	1140351	4
	Nut - Self-locking #1/4-20	9900184	2
-8	Harness - Compressor	4744016	1
-9	Evaporator and Tube Assembly (Not Available)	4744052	1
-10	Tube - Compressor to Condenser (Not Available)	4744055	1
-11	Condenser (Not Available)	4744109	1
	Screw #8-18 x 3/8, LGM	4721035	4
---	Compressor Package (Not Available)	4744051	1
-12	Tab to Screw Adaptor	4714067	2
-13	Electrical Assembly W/Relay and Overload	4744057	1
-14	Bale Strap - Terminal Cover and	4614005	1
-15	Compressor - 115V (Not Available)	4744061	1
-16	Sleeve	4614007	4
-17	Grommet	4744060	4
-18	Label - Caution - Refrigeration	4304001	1

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
14	Housing Assembly - Refrigeration Module (See Figure 6, Index 15 for NHA)	4404012	Ref
-1	Drain - Water Bath	3128063	1
-2	Drain - Condensate	4301034	1
-3	Retainer - Harness	4732024	1
	Screw - #8-18 x 3/8, LGM	4721035	1
-4	Housing - Refrigeration Module	4744002	1

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
15	Pusher Module Assembly (See Figure 7, Index 12 for NHA)	4407700	Ref
-1	Frame Assembly - Pusher	4744555	1
-2	•Pusher	4407714	1
-3	Retainer - Guide	4407707	2
—	Guide Assembly - Package	4407723	1
-4	Guide - Package	4407738	1
-5	Stop - Package	4407736	1
-6	Keeper - Stop	4407737	1
	Screw - #6-32 x 1/4, RHS, Stainless	4402039	2
	Nut - #6-32 W/Lockwasher, Stainless	6104429	2
-7	Shaft Assembly	4407720	1
-8	Shaft - Ejector	4407742	1
	Pin - Roll - .093DIA x 7/16LG (AP)	5220463	2
-9	Bushing - Ejector Shaft	4407722	1
-10	Cam - Ejector	4407708	1
-11	Stud - Ejector - Pusher	4407739	2
-12	Spacer - Product	4402210	1
—	Ejector Assembly	4407715	1
	Nut - #8-32, W/Lockwasher, Stainless	4402043	2
-13	Arm - Ejector - RT	4407717	1
	Washer - Brass,.375OD x .147ID x .031THK	1302214	1
-14	Stud - Ejector Bracket - RT	4407741	1
-15	Arm - Ejector - LT	4407716	1
-16	Stud - Ejector Bracket - LT	4407740	1
-17	Bracket - Ejector	4407704	1
-18	Spring - Pusher	4407713	1
-19	Grommet - 2IN LG (Straight, push-on type)	4407502	2
-20	Motor and PC Board Assembly	4407802	1
-21	Gear - Drive - Pusher Module	4407711	1
-22	Clip - Wire Harness	2342315	1
	Screw - #8-18 x 3/8, Stainless	4402038	1
-23	Gear - Ejector Shaft	4407710	1
-24	Panel Assembly - Bracket and Motor	4407734	1
	Screw - #8-18 x 3/8, Stainless	4402038	4
-25	Coupling - Motor	4407712	1
-26	Label - Sold Out	4407728	1
	OPTIONS		
—	Adaptor Assembly - Boxed Item	4407732	1
-27	Roller and Shaft Assembly - Pusher	4407729	1
-28	Shaft - Pusher Module	4407731	1
-29	Roller - Pusher Module	4407730	2
	Speed Clip - Compression Ring	2366055	1

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
16	Belt Module Assembly (See Figure 7, Index 13 for NHA)	4407600	Ref
-1	Belt - Conveyor	4407604	1
-2	Support - Belt - Rear	4407629	1
	Screw - #8-18 x 3/8, Stainless	4402038	6
-3	Spring - Belt Tension	4407607	1
-4	Shaft - Belt Adjustor	4407632	2
	Ring - Retaining - E" Type = .250ID	3103029	4
—	Support and Roller Assembly	4407608	1
-5	Shaft - Belt - Front	4407633	1
-6	Support - Belt - Front	4407630	1
	Ring - Retaining - E" Type - .250	3103029	2
-7	Roller - Belt - Inside	4407612	3
-8	Roller - Belt - Outside	4407611	2
—	Motor and Bracket Assembly	4407614	1
	Screw - #8-18 x 3/8, Stainless	4402038	3
-9	Bracket and Stud Assembly	4407622	1
-10	PCB and Motor Assembly	4407802	1
	Screw - #8-32 x 1-3/8, RHS, Stainless	4402036	2
	Nut - #8-32 W/Lockwasher	4402043	2
-11	Gear - Drive - Motor	4407615	1
-12	Gear - Idler - Belt Module	4407616	1
	Ring - Retaining - E" Type - 0.25	3103029	1
-13	Spacer - Motor	4407617	2
-14	Gear - Belt Drive	4407618	1
-15	Sprocket - Drive	4407619	2
—	Drive Shaft Assembly	4407620	1
	Ring - Retaining - E" Type - 0.25	3103029	2
-16	Shaft - Drive Sprocket	4407624	1
	Pin - Roll	6104219	2
-17	Frame Assembly - Belt Module	4407628	1

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FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
17	Spiral Module Assembly (See Figure 7, Index 14 for NHA)	4407800	Ref
-1	PCB and Motor Assembly	4407802	6
-2	Spacer - Motor	4407803	6
---	Divider and Spring Assembly	4407807	1
-3	Spring - Divider	4407808	1
-4	Divider - Spiral Module	4407844	1
---	Divider and Spacer Assembly	4407809	1
-5	Spring - Divider	4407808	1
-6	Divider - Spiral Module	4407844	1
-7	Spacer - Adjustable	4407843	6
-8	Coupling - Spiral	1477113	6
-9	Frame Assembly - Spiral Module	4407842	1
	OPTIONS (The following items are not shown)		
---	Spiral and Retainer - 5 Count/LH, Tan	4407815	1
---	Spiral - 2.57DIA	4407816	1
---	Retainer - Spiral	4407817	1
---	Spiral and Retainer - 5 Count/RH, Tan	4407818	1
---	Spiral - 2.57DIA	4407819	1
---	Retainer - Spiral	4407817	1
---	Spiral and Retainer - 6 Count/LH, Grn	4407820	1
---	Spiral - 2.57DIA	4407821	1
---	Retainer - Spiral	4407822	1
---	Spiral and Retainer - 6 Count/RH, Grn	4407823	1
---	Spiral - 2.57DIA	4407824	1
---	Retainer - Spiral	4407822	1
---	Spiral and Retainer - 7 Count/LH, Mauve	4407825	1
---	Spiral - 2.57DIA	4407826	1
---	Retainer - Spiral	4407827	1
---	Spiral and Retainer - 7 Count/RH, Mauve	4407828	1
---	Spiral - 2.57DIA	4407829	1
---	Retainer - Spiral	4407827	1
---	Spiral and Retainer - 9 Count/LH, Aqua	4407830	1
---	Spiral - 2.57DIA	4407832	1
---	Retainer - Spiral	4407833	1
---	Spiral and Retainer - 9 Count/RH, Aqua	4407834	1
---	Spiral - 2.57DIA	4407835	1
---	Retainer - Spiral	4407833	1
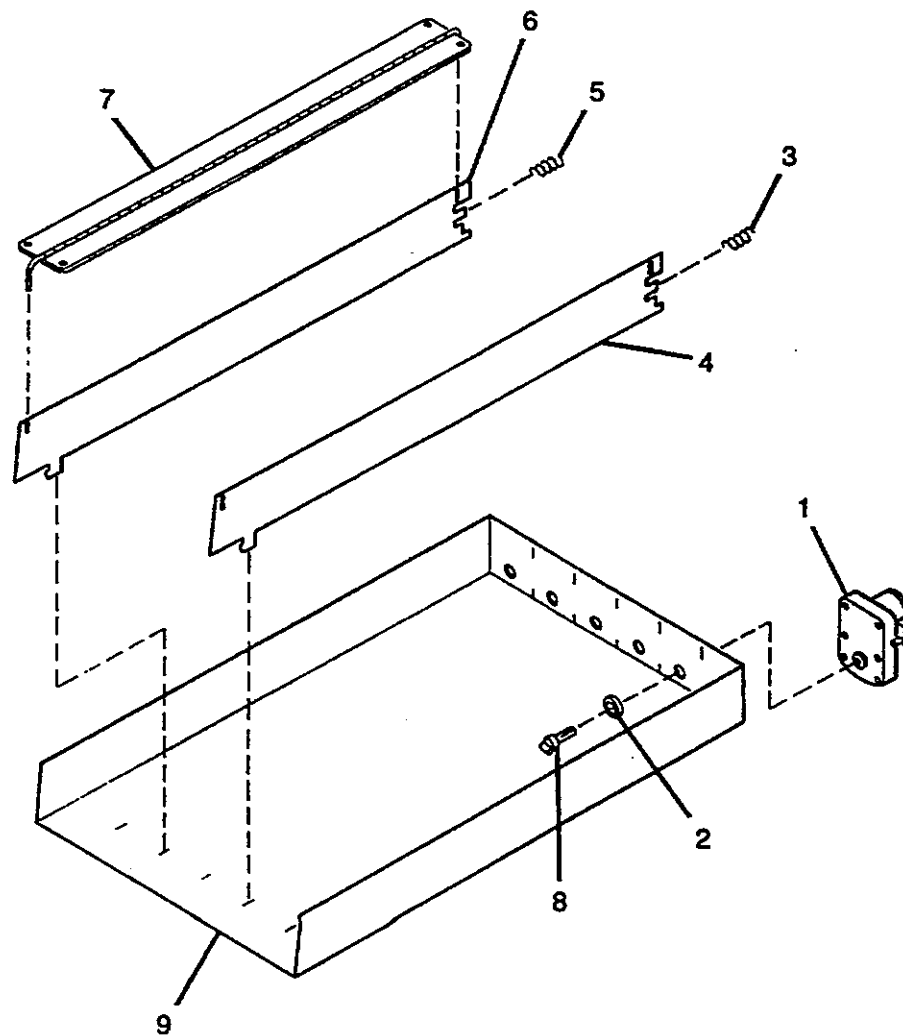
FIGURE 38

CAN
MODULE
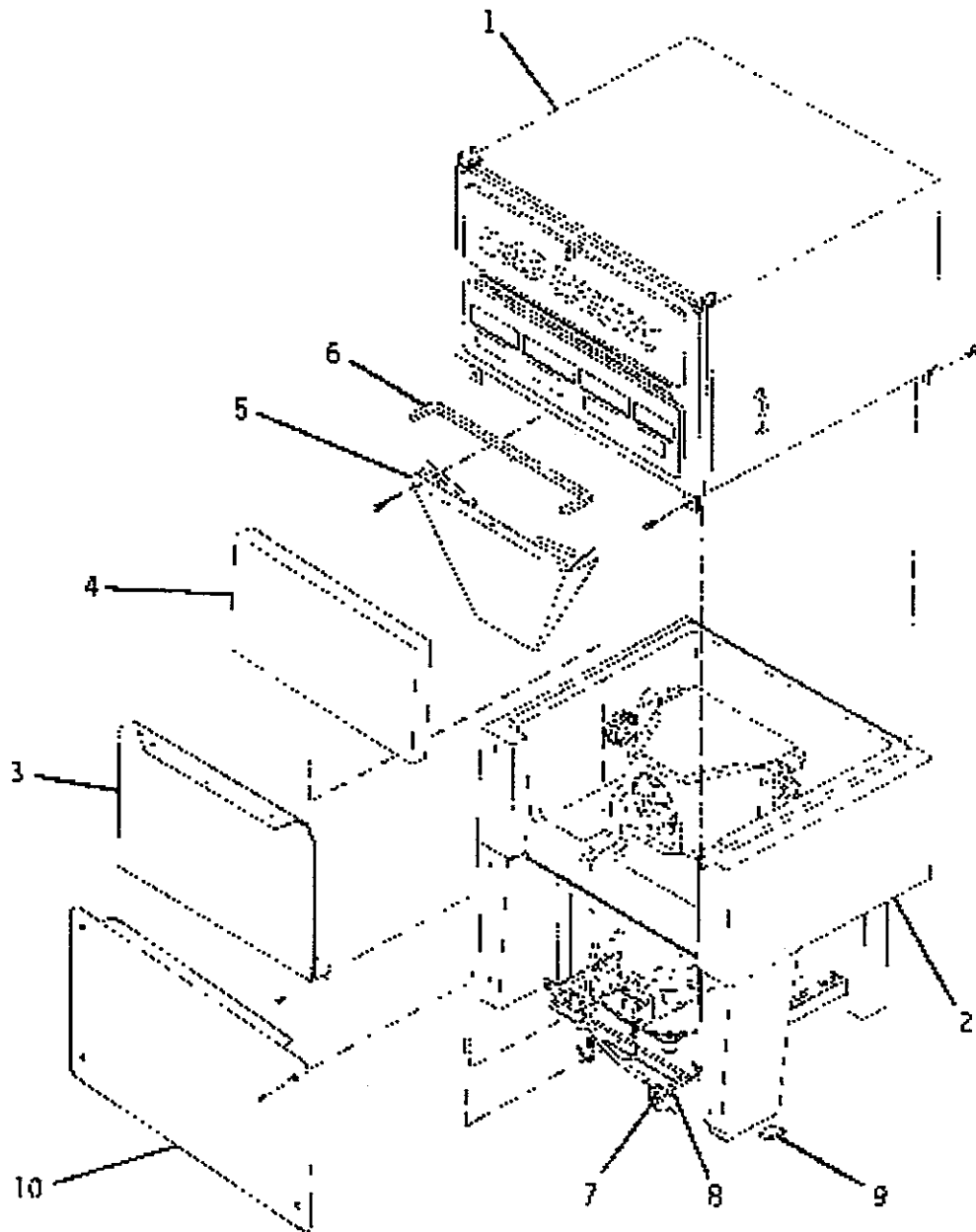
Figure 1.

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
1-	Can and Refrigeration Module - 8 Selection	-------	1
1-1	Can Module - 8 Selection (See Figure 3 for Breakdown)	4747000	1
	(Screw #8-18 x 3/8, Hex W/Hd)	4721035	2
1-2	Refrigeration Module Assembly (See Figure 2 for Breakdown)	4744099	1
1-3	Retainer - Door	4744042	1
	(Screw #8-18 x 3/8, Hex W/Hd)	4721035	3
1-4	Door - Refrigeration Module	4744027	1
1-5	Duct Assembly - Air Distribution	4744024	1
	(Screw #8-18 x 3/8, Hex W/Hd)	4721035	6
1-6	Gasket - Duct Distribution	4744028	1
1-7	Harness Assembly - Power to Can Module	4751198	1
1-8	Harness Assembly - Channel to Can Module	4741205	1
1-9	Cable Clip - Refreshment Center 2	4741018	1
1-10	Cover - Compressor	4741213	1
	(Screw #8-18 x 5/8, Hex W/Hd)	4727144	4
	Label - Warning(Used with Index 10)	6231189	1
	THE FOLLOWING IS AVAILABLE AS AN ASSEMBLY:		
	Duct and Gasket Assembly(Includes index 5 and 6)	4744023	1
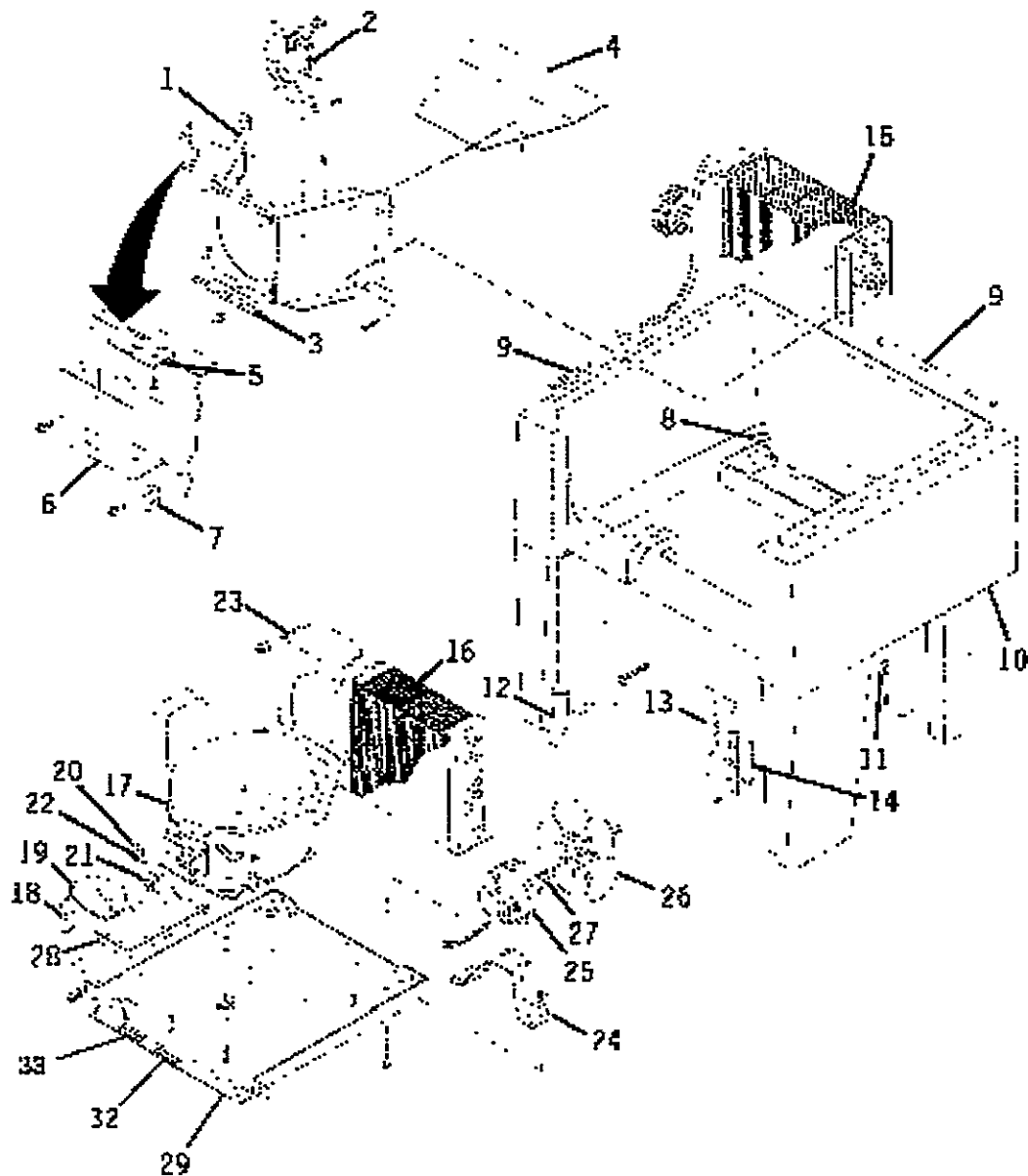
Figure 2.

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
2-	Refrigeration Module Assembly (See Figure 27, Index 27-2 for Next Higher Assembly)	4744099	Ref
2-1	Shroud - Evaporator Fan	4744045	1
	(Screw #8-18 x 3/8 LGM)	4721035	7
2-2	Fan - Evaporator	4724124	1
	(Screw #8-32 x 3/8 RHS)	9900019	4
	(Nut #8-32 W/LW)	9900081	4
2-3	Gasket - Shroud	4744069	4
2-4	Shroud - Top	4744020	1
	(Screw #8-18 x 3/8 LGM)	4721035	3
2-5	PCB Assembly - Temperature Sensor	9989548	1
	(Spacer - Chassis to PCB - 1/4)	9989430	4
2-6	Plate - Temperature Sensor	4744030	1
	(Screw #8-18 x 3/8 LGM)	4721035	1
2-7	Clip - Wire Harness	1452139	1
	(Screw #8-18 x 3/8 LGM)	4721035	1
2-8	Drain - Water Bath	3128063	1
2-9	Gasket - Refrigeration Module	4744017	1
2-10	Housing - Refrigeration Module	4744002	1
2-11	Retainer - Harness	4732024	1
	(Screw #8-18 x 3/8 LGM)	4721035	1
2-12	Drain - Condensate	4301034	1
2-13	PCB Assembly - Cold Can Module	4744562	1
	(Screw #8-18 x 5/8 Hex Hd)	4727144	3
	(Screw #8-18 x 2.00, Tapping HHS)	4744056	1
	(Speed Nut - Ballast)	2221032	1
2-14	Insulator - PCB	4744032	1
2-15	Evaporator Tube Assembly	4744005	1
2-16	Condensor	4744109	1
	(Screw #8-18 x 3/8 LGM)	4721035	4
2-17	Compressor - 1/6 HP	4724079	1
	(Nut #1/4-20)	1211105	4
	(Washer - Steel - 3/4 OD x 1/4 ID)	1140351	4
	(Grommet 11/16 Long)	4724066	4
	(Sleeve - 23/32 Long)	4724070	4
2-18	Strap - Bale - A.E.T.	3144055	1
2-19	Cover - Terminal - DS - A.E.T.	3144057	1

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
2-20	Spring - Overload - A.E.T.	3144052	1
2-21	Relay	4724065	1
2-22	Overload - 143FG	4724067	1
2-23	Shroud - Condensor Fan	3608146	1
	(Clip - Speed - Dart Style)	4043082	4
2-24	Bracket - Condensor Motor	4744009	1
	(Nut #1/4-20 KEPS)	1211105	2
2-25	Motor - Condensor Fan	4744112	1
	(Screw #8-32 x 3/8 Hex W/Hd)	3157060	4
2-26	Blade - Condensor Fan FV-70	3608149	1
	(Nut - Speed #1/4-20)	4043122	1
2-27	Silencer - Fan - Morril - S-584(Included with Index 25)	4043121	1
2-28	Pan - Condensate	4744022	1
2-29	Base and Stud Assembly - Condensing	4744046	1
	(Bolt #1/4-20 x 1-1/2 Hex Hd)	3608119	2
	(Washer - Steel - 3/4 OD x .264 ID)	1140351	4
	(Nut - Self-locking, #1/4-20)	9900184	2
2-30	Harness - Compressor (Not Shown)	4744564	1
2-31	Wiretie (Not Shown)	2204513	4
2-32	Label - Caution - Refrigeration	4304001	1
2-33	Label - Refrigerant	4304192	1
	THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:		
	Shroud and Fan Assembly - Evaporator (Consists of Index 2-1 thru Index 2- 4)	4744010	1
	Temperature Sensor Assembly - Cover and (Consists of Index 2-5 and Index 2-6)	4744029	1
	Housing and Refrigeration Module Assembly (Consists of Index 2-8 thru Index 2-12)	4744001	1
	Refrigeration Module Assembly (Consists of Index 2-15 thru Index 2-31)	4744091	1
	Compressor Package (Consists of Index 2-17 thru Index 2-22)	4744091	1

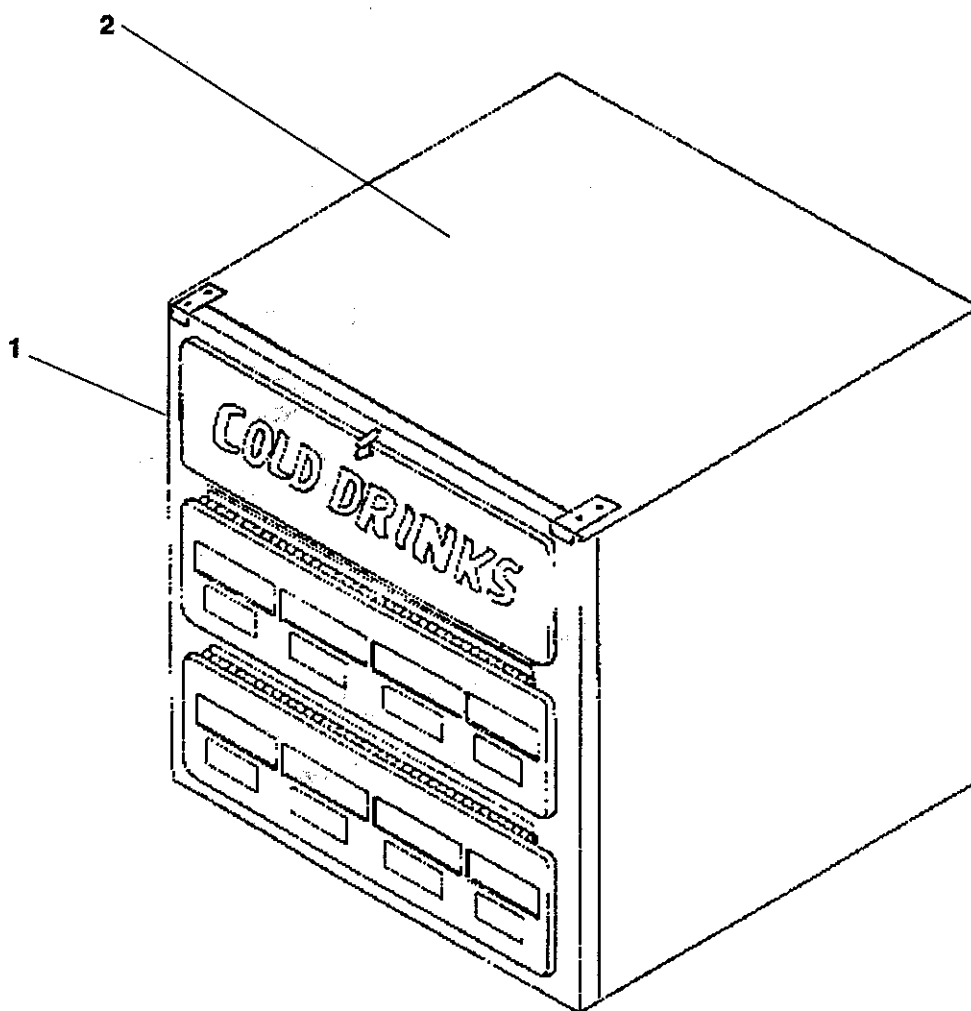| FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
3-	Can Module - 8 Selection (See Figure 1, Index 1-1 for Next Higher Assembly)	4747000	Ref
3-1	Frame Assembly - 8 Selection (See Figure 4 for Breakdown)	4747065	1
3-2	Module Assembly - Can (See Figure 5 for Breakdown)	4747015	1

Figure 3.

NOTE: 4-SELECTION FRAME SHOWN
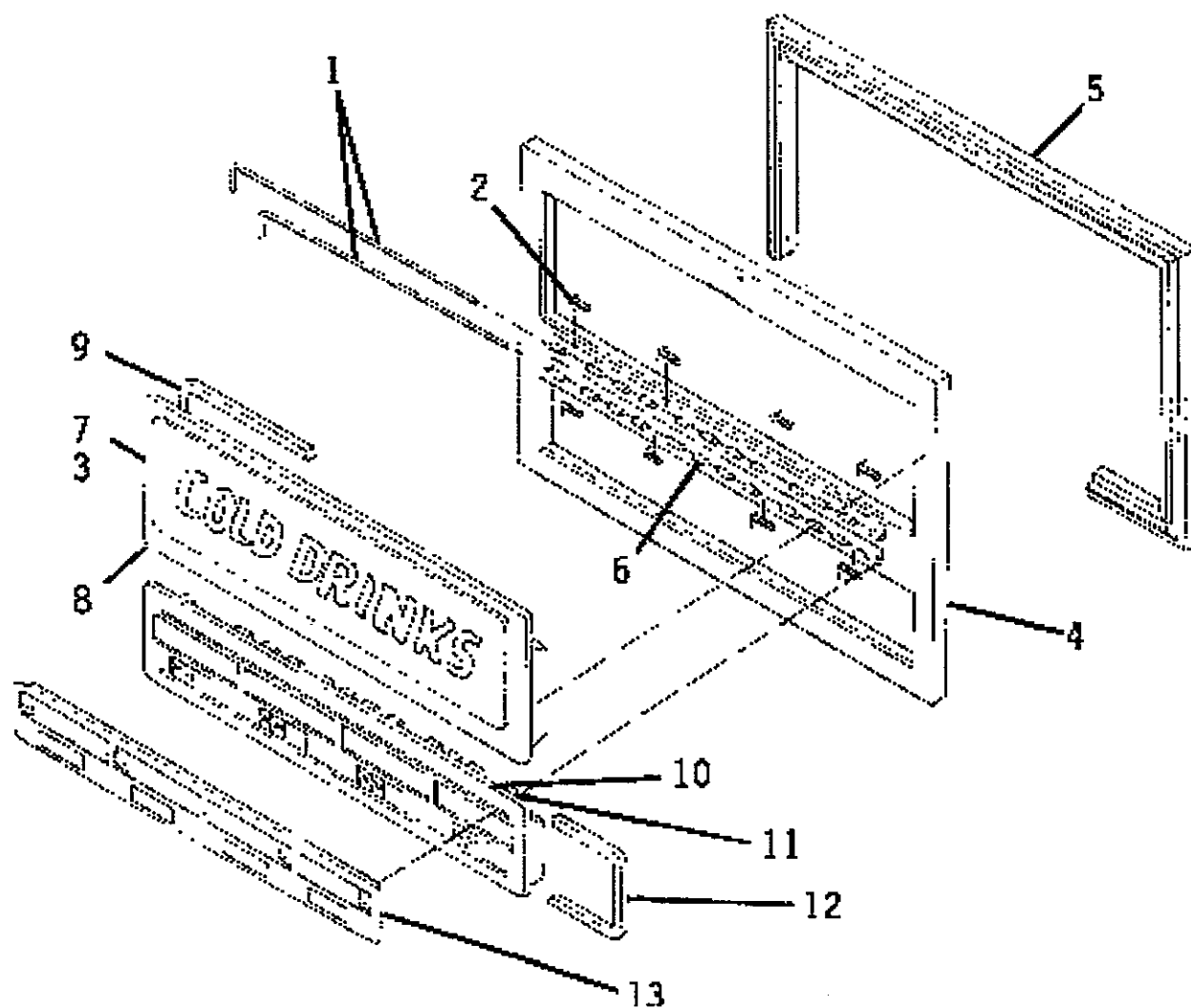
Figure 4.

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FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
4-	Frame Assembly - 8 Selection (See Figure 29, Index 29-1 for Next Higher Assembly)	4747135	Ref
4-1	Pin - Hinge	4727005	3
4-2	Spring - Door Return	4747064	12
4-3	Label - Loading Door	4727145	1
4-4	Frame - Can Module - 8 Selection	4747127	1
4-5	Gasket - Frame - 8 Selection	4747003	1
4-6	Hinge - Delivery Door	4747121	3
	(Screw #6-19 x 3/8 PHS, T/C)	2226380	6
	(Nut 1.060 long, BLK)	4747128	6
4-7	Door - Loading	4747133	1
4-8	Hinge - Door	4747122	1
	(Screw #6-19 x 3/8 PHS, T/C)	2226380	5
	(Nut .343 long, BLK)	4747131	5
4-9	Gasket - Loading Door	4747014	1
4-10	Door - Delivery	4747134	2
4-11	Hinge - Door	4747122	2
	(Screw #6-19 x 3/8 PHS, T/C)	2226380	5
	(Nut .343 long, BLK)	4747131	5
4-12	Gasket - Delivery Door	4747009	2
4-13	Retainer - Label	4747111	1
	(Screw #6-32 x 1/4 PHS)	9900124	4
	THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:		
	Frame and Support Assembly - 8 Selection (Consists of Index 4-4 thru Index 4-6)	4747126	1
	Door Assembly - Loading (consists of Index 4-7 thru Index 4-9)	4747132	1
	Door Assembly - Delivery (Consists of Index 4-10 thru Index 4-13)	4747129	2
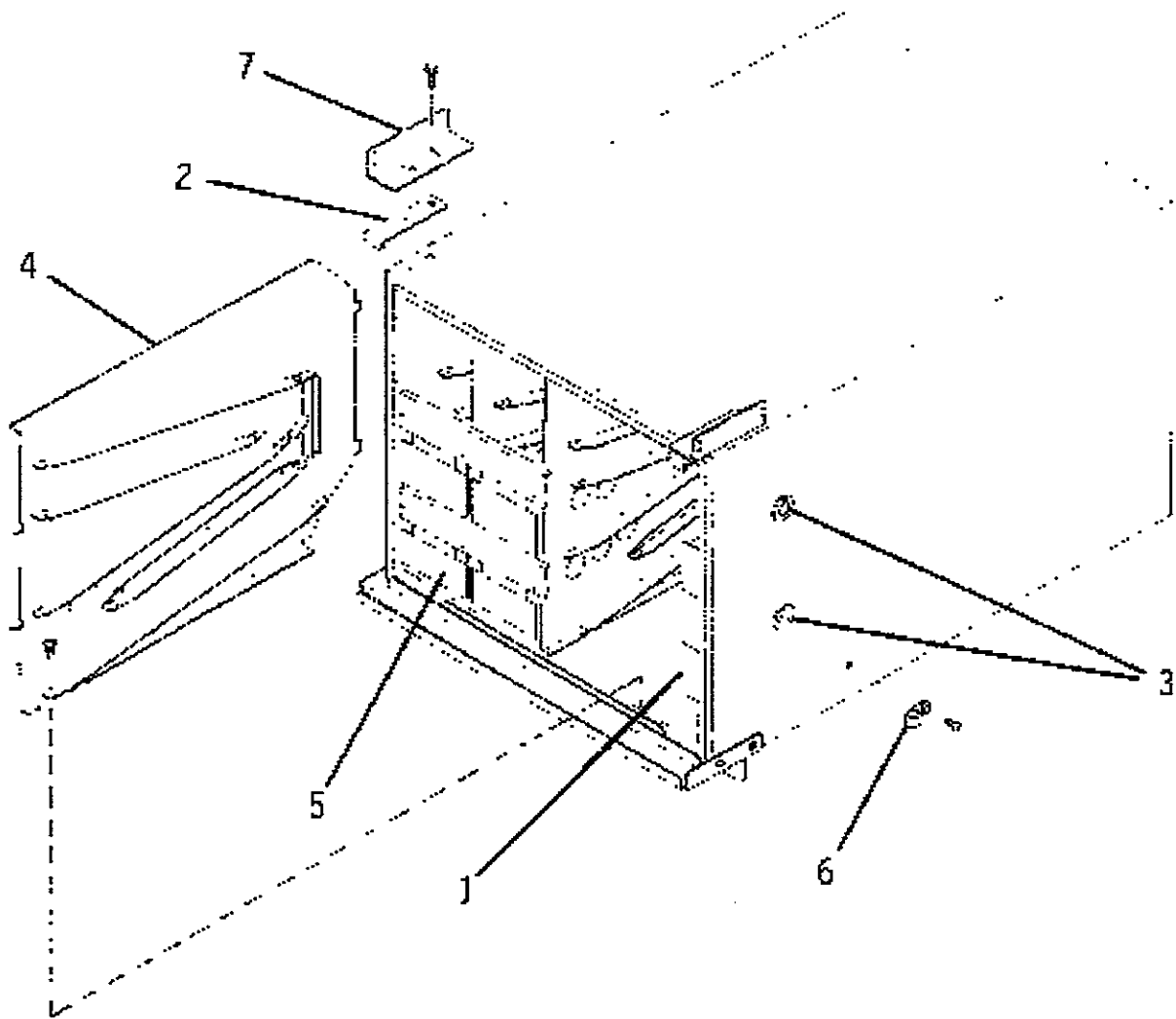
Figure 5.

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
5-	Module Assembly - Can (See Figure 3, Index 3-2 for Next Higher Assembly)	4747015	Ref
5-1	Angle - Ejector Mounting Channel	4747044	4
	(Screw #8-18 x 3/8 LGM)	4721035	2
5-2	Retainer - Frame - Upper	4747089	2
	(Screw #8-18 x 5/8 Hex Hd)	4727144	2
5-3	Bushing - Open/Closed	4747042	4
5-4	Divider and Rail Assembly	4747110	3
	(Screw #8-18 x 3/8 LGM)	4721035	2
5-5	Mounting Channel Assembly - Motor and Ejector (See Figure 32 for Breakdown)	4747028	2
	(Screw #8-18 x 3/8 LGM)	4721035	5
5-6	Clamp - Cable - 9/16	3106144	1
	(Screw #8-18 x 3/8 LGM)	4721035	1
5-7	Retainer - Can Module	4741022	2
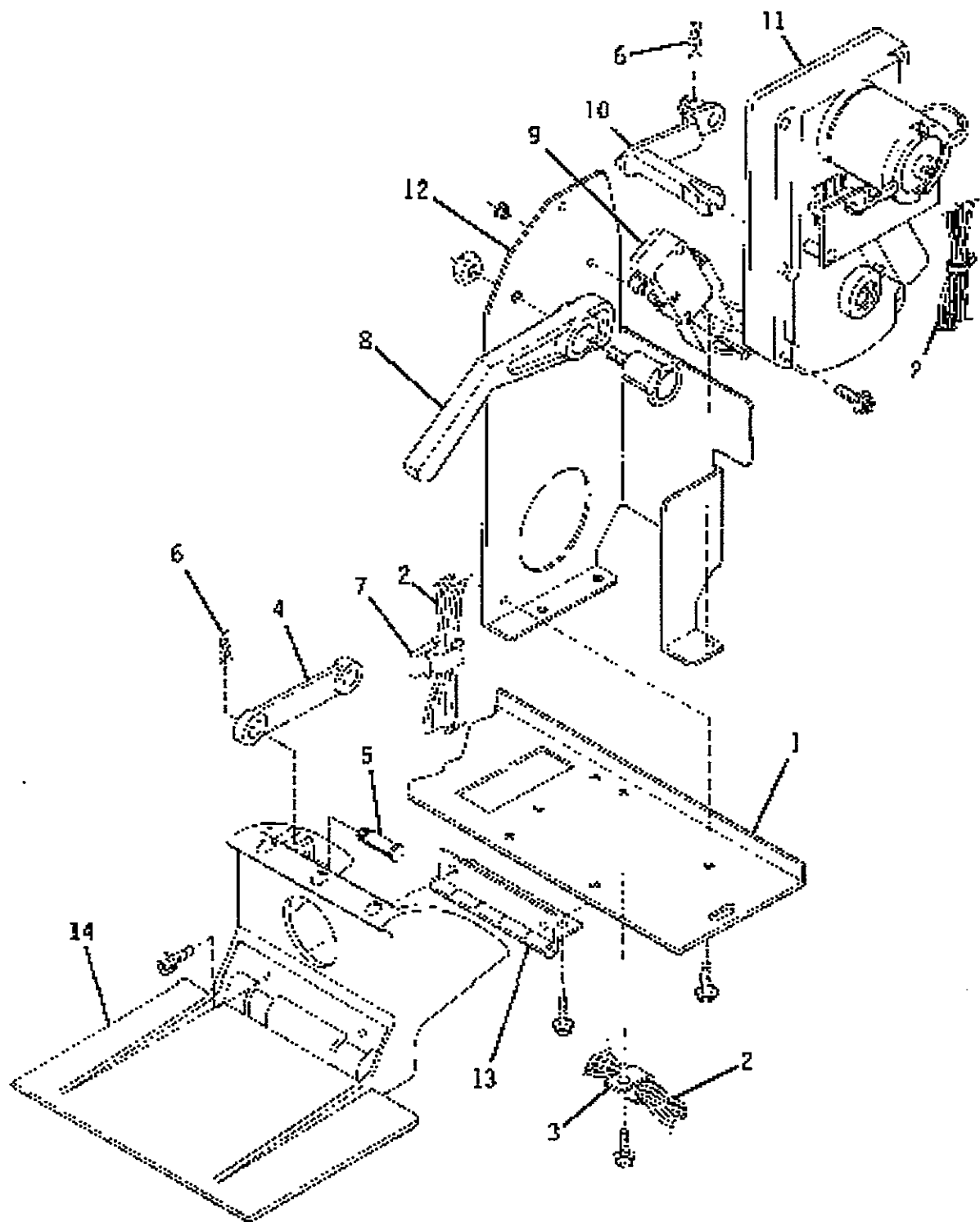
Figure 6.

FIGURE-INDEX NUMBER	DESCRIPTION	PART NO.	QTY.
6-	Mounting Channel Assembly - Motor and Ejector (See Figure 5, Index 5-5 for Next Higher Assembly)	4747028	Ref
6-1	Channel - Motor and Ejector Mounting	4747029	1
6-2	Harness - Ejector Channel	4747032	1
6-3	Clip - Wire Harness	2342315	8
	(Screw #8-32 x 5/16, Hex W/Hd, T/F)	3157060	1
6-4	Arm - Ejector Drive	4747030	4
6-5	Pivot Pin - Ejector Cam	4747031	4
6-6	Pin - Cotter - Hair Pin	2204092	8
6-7	Clip - Wire	1212159	1
6-8	Switch Actuator - Sold Out	4747036	1
	(Stud - Tray Roller #10-32)	1457099	1
	(Nut - Self-Locking #10-32)	1407048	1
6-9	Switch - Roller - Lever	2366091	1
	(Screw #4-40 x 5/8 RHS)	1217160	4
	(Nut #4-40 W/LW)	1217159	4
6-10	Cam - Ejector Drive	4747035	1
6-11	PCB and Motor Assembly	1477112	1
	(Screw #8-32 x 13/16, Hex Hd, T/F)	1457027	4
6-12	Bracket - Motor Mounting	4747034	1
	(Screw #8-32 x 5/16 Hex W/Hd, T/F)	3157060	3
6-13	Hinge - Ejector	4747038	1
	(Screw #8-32 x 5/16, Hex W/Hd, T/F)	3157060	2
6-14	Cam - Ejector	4747606	1
	(Screw #8-32 x 5/16, Hex W/Hd, T/F)	3157060	2
	THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:		
	Motor and Bracket Assembly (Consists of Index 6-7 thru Index 6-14)	4747033	4
	Hinge and Cam Assembly - Ejector (Consists of Index 6-13 and Index 6-14)	4747037	1