

PROGRAMMING MANUAL

GVC1 CONTROLLER SOFTWARE

SUPERCEDES PROGRAMMING INSTRUCTIONS IN SERVICE MANUAL

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Record the Model Number and Serial Number of your machine below.

The Model and Serial numbers are needed to obtain quick service and parts information for your machine. The numbers are available on the identification plate located on the backside of the cabinet of the machine.

MODEL NUMBER:

SERIAL NUMBER:

SERVICE MODE

Use **Service Mode** to program and service the machine. Use the keypad as an input device. Watch the display for information while in Service Mode.

SERVICE MODE BUTTON

To enter **Service Mode**, press the **Service Mode Button** located on the top or upper right corner of the controller cover. To exit Service Mode, press the Service Mode Button or push the * button.

NOTES:

If credit exists when **Service Mode** is entered, it will be restored when the machine returns to **Sales Mode**. If no key is pressed for approximately 1 minute while in **Service Mode**, the controller will automatically return to **Sales Mode**.



Figure 2.A Controller— Inside Door Mounted

KEYPAD

Use the buttons on the keypad as directed in the step-by-step instructions in this manual in programming the vendor.

DISPLAY

Check the display after pressing the Service Mode Button and/or Keypad Buttons to make sure that the program is responding correctly.

Buttons 0-9 are used to move between the various modes, menus and sub-menus; while the ∉ button is used to save a setting. (See Figure 3)



Figure 3: Keypad

TUBE FILL/ DISPENSE COINS

Tube Fill counts coins as they are deposited and Shows the dollar amount.

	STEP	DISPLAY		
1.	Press Service Mode Button	Motor Count or Error Code *		
2.	Press and begin depositing coins	At least 15 of each denomination		
3.	Press 2 times to exit	0.00		

TUBE DISPENSE

Tube Dispense Pays out coins from the coin mech coin tubes.

This mode will also display the current quantity of coins in the coin mech. coin mech coin tubes.

	0.1	
1.	Press Service Mode Button	Motor Count or Error Code **
2.	Press to dispense highest value coin	Value of Coin
3.	Press to dispense 2 nd highest coin	Value of Coin
4.	Press 3 to dispense 3 rd highest coin	Value of Coin
5.	Press 4to dispense 4 th highest coin	Value of Coin
6.	Press 2 times to exit	0.00

DISPLAY

**NOTE: Whenever the Service Mode button is pressed, the resulting display will be either the Motor Count Number or an Error Code.

STEP

Note: For dispensing more than a 4 denomination coin mech. use keys greater in the same sequence as shown above.

2) MOTOR COUNT

Displays the total		STEP	DISPLAY
count of working	1.	Press Service Mode Button	
motors.	2.	Press 2 then wait.	
	3.	Press to exit.	0.00

3 OPTIONS

This menu allows access to the following features:

- Force Vend
- Bill Escrow
- Multi Vend
- Free Vend
- Fast Change
- Optics
- Point Of Sale Message
- Temperature
- Keypad Backlight
- Drop Sensor Sensitivity

3.1 FORCE VEND

This option will force the customer to complete a purchase once they have deposited money of any form.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	OPtn
3.	Press to view current setting	Frcn
4.	Press to toggle ON or OFF	FrcY
5.	Press <i>(#)</i> to save setting	FrcY
6.	Press 3 times to exit	0.00

Note: If a vend is attempted on a configured selection and the motor fails during this vend, the customer will be allowed to escrow the credit, regardless of the force vend status.

3. BILL ESCROW

This option allows the last bill accepted to be returned. provided the bill acceptor is capable of such a feature.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press 3	OPtn
3.	Press	ESCY
4.	Press 2 to toggle ON or OFF	ESCn
5.	Press # to save setting	ESCn
6.	Press 3 times to exit.	0.00

3.3 MULTI VEND

This option allows the customer to purchase more than one product if enough credit has been deposited.

		STEP	DISPLAY
	1.	Press Service Mode Button	
	2.	Press	OPtn
When this option is active,	3.	Press	NULn
any credit remaining after	4.	Press (3) to toggle ON or OFF	NULY
automatically returned. At	5.	Press 🗰 to save setting.	NULY
this point, the customer has the option of:	6.	Press 3 times to exit.	0.00

- Making another selection if there's enough credit.
- Depositing more money (cash credit from a changer or bill acceptor); or
- Press coin return to receive remaining credit.

Note: After 5 minutes any credit that is left on the display will disappear.

Note: For card reader sessions, the Multi-vend feature will function only if the card reader supports multiple vend capability.

3.4 FREE VEND

This option allows you to set the whole machine to Free vend.

When FREE VEND is

enabled, every product will be vended at no cost, no money is accepted by the machine, the message "FREE" will be on the display.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	OPtn
3.	Press	FrEn
4.	Press 4 to toggle ON or OFF	FrEY
5.	Press # to save setting.	FrEy
6.	Press 3 times to exit	FREE

3.5 FAST CHANGE

Allows the vending machine to give change immediately after the customers makes a selection. If Fast Change is ON, it will override the Multi Vend feature.

	STEP	DISPLAY
1.	Press Service Mode Button	Motors ()
2.	Press	OPtn
3.	Press	FChn
4.	Press 5 to toggle ON or OFF	FChY
5.	Press # to save setting.	FChY
6.	Press 3 times to exit	0.00

NOTE: If "OPTICS" is turned ON the amount of the product will display until a product drops.

3.6 OPTICAL VEND

Optical Sensor Control Options - This submenu provides the operator with options for designating product items or rows that will be monitored for product delivery by an optical sensor. Default is ALL selections "ON" unless changed.

3.6.	3	Optics All	
		STEP	DISPLAY
	1.	Press Service Mode Button	
	2.	Press	OPtn
	3.	Press	oPt
	4.	Press 3 to toggle ALL ON/OFF	ALLY
	5.	Press 🗰 to save	ALLn
	6.	Press 3 times to exit	0.00

3.6.2 Optics by Row

	STEP	DISPLAY
1.	Press Service Mode Button 🖲	
2.	Press	OPtn
3.	Press	oPt
4.	Press 2 to enter Row	ro-
5.	Press to toggle ON/OFF	ro1Y
6.	Press # to save	ro1Y
7.	Press to enter another Row or 3 times to exit	0.00

3.6.1 Optics by Item

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	OPtn
3.	Press	oPt
4.	Press to enter Item	
5.	Press to toggle ON/OFF	12 n
6.	Press # to save	12 n
7.	Press to enter another item or 3 times to exit	0.00

If the accumulated credit is equal to or larger than the selection price when a selection is entered, the motor corresponding to that selection will be turned on. Selections that are designated as **Optical** will have an associated vend operation that differs from the normal vend operation.

IVEND™ CYCLE

For 5 milliseconds at the start of a vend, the **iVend**[™] optical sensor will be checked to make sure it is not blocked, damaged, or disconnected.

If blocked, damaged or disconnected - the normal home-switch-vend cycle will be used and the optical sensors will be ignored. Both the vend motor and a vend timeout timer are started.

- The selection motor rotates to the home-switch position.
- If there is a home-switch signal, the vend is considered successful.
- If after 10 seconds there is no home-switch signal, the vend failed. The vend motor is shut down and the **MAKE ALTERNATE SELECTION** light will turn on. The customer can then press selection buttons to activate another motor, or press the Coin Return button.

NOTE: Force Vend is overridden under this vend cycle.

If not blocked, damaged or disconnected - the iVend[™] Sensor System is used. The vend motor and a vend timeout timer are started.

- The selection motor rotates to the home-switch position. •
- If a product is detected during this time period, the vend is considered successful.
- If after reaching the home-switch position, a product has not been detected, the vend motor will pause for 1 second while the controller continues to monitor the optical sensor for product delivery.
 - o If a product is detected during this pause, the vend is considered successful.
 - o If a product is not detected, the controller initiates a second vend cycle and another vend time out timer while continuing to monitor the optical sensor.
 - ✓ If a product is detected during this second cycle, the motor will be stopped immediately. The vend is considered successful. The 2nd Vend accounting counter is increased by 1.
 - ✓ If a product is not detected before the motor reaches the home-switch position, the vend motor is stopped and for 2 seconds the controller continues to monitor the optical sensor for product delivery. If a product is detected, the vend is considered successful. The 2nd Vend accounting counter is increased by 1.
 - ✓ if no product is detected, the selection is sold out. Such as state will trigger the MAKE ALTERNATE SELECTION light. The amount of credit is displayed. The customer can press selection buttons to activate this or another motor or press the Coin Return button
 - If after 10 seconds there is no home-switch signal and no product is detected, the vend failed. The vend motor is shut down and MAKE ALTERNATE SELECTION is displayed. The customer can press selection buttons to activate another motor or press the Coin Return button.

3. 7 POINT OF SALE MESSAGE (POS)

Turn OFF (or ON)		STEP	DISPLAY
the default display	1.	Press Service Mode Button	
NOTE: The display	2.	Press	OPtn
message for a drink machine is "ICE	3.	Press	POSY
COLD". All others the message is	4.	Press to toggle ON or OFF.	POSn
0.00	5.	Press # to save setting.	POSn
	6.	Press 3 times to exit.	0.00

3.8 SETPOINT

The following are the factory default SET POINT temperature settings for each refrigeration type:

Snack N/A

- Cold 36°F(2.2°C)
- Slackened 5°F (-9°C)
- Frozen -10°F (-23.3C)
- Chilled 62°F (16.7°C)
- Dual Zone {Upper 63°F (17.2°C)}, {Lower 36°F (2.2°C)}
- MNF {Upper 36°F (2.2°C)}. {Lower -10°F (-23.3°C)}
- NF 2 {Upper 36°F (2.2°C)}, {Lower -12°F (-24.4°C)}
- NF 5 {Upper 36°F (2.2°C)}. {Lower -15°F (-26.1°C)}
- SFF -10°F (-23.3°C)
- SF 2 -12°F (-24.4°C)

- SF 5 -15°F (-26.1°C) CF 36°F (2.2°C)
- CF 1 35°F (1.7°C)
- Dual Zone 6 {Upper 57°F (13.9°C)}, {Lower 36°F (2.2°C)}

These temperatures may be adjusted, however it is not recommended. The temperatures have been set according to NAMA specifications for optimal operation and/or product safety. Before making any adjustment see Health Safety section.

	STEP	DISPLAY
1.	Press Service Mode Button 🖲	
2.	Press	OPtn
3.	Press (8) to view/change machine temperature	36
4.	Press # to save	36
5.	Press 2 times to exit	0.00



backlight.

STEP DISPLAY This menu controls Press Service Mode Button 1. - the brightness 2. Press 3 OPtn level of the keypad 3. Press 9 to view setting. bL 3 (Default is 3) Press⁹ repeatedly to change setting. 4. bL 0 Note:0=Off, 1=Low, 2=Med, 3 =High, 4=Max 5. Press # to save bL 0 6. Press 3 times to exit. 0.00

3.0 DROP SENSOR SENSITIVITY FOR CAN/BOTTLE SELECTIONS ONLY.

This menu allows you to adjust the Drop Sensor sensitivity. 1 is most sensitive; 9 is the least sensitive. Default is 3. When Can/Bottle Mode is ON, the Drop Sensor is enabled for vending bottles or cans.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	OPtn
3.	Press	drP3
4.	Press to toggle for settings 1-10.	drP6
5.	Press 伊 to save.	drP6
6.	Press 3 times to exit.	0.00

CONFIGURATION

This menu allows access to the following features:

- Item (can/bottle)
- Row (snack/can/bottle) ٠
- All (snack/can/bottle) •
- Space to Sales (STS)
- Date/ Time .
- Health Safety •
- Advanced Configuration •

This menu provides access to sub-menus that set Can, Bottle or Snack type of product to each item, entire row or entire machine. Consult the machine service manual for specific settings.

NOTE: the can and bottle settings are for machines utilizing column loaded product only.

4.1 ALL

To set ENTIRE MACHINE to	STEP		DISPLAY
Snack, Can, or Bottle		Press Service Mode Button	
	2.	Press	CBS
	3.	Press	ALLSnAc
	4.	Press 3 to toggle Snack, Can, Bottle.	CAn
	5.	Press # to save	CAn
	6.	Press 3 times to exit.	0.00



Provides the option of designating rows that will contain cans, bottles or snack.

Note: For selections designated as either cans or bottles the vend motor will run continuously during the vend cycle until a drop sensor signals the controller, or the maximum vend time of 10 seconds concludes.

STEP DISPLAY 1. Press Service Mode Button - -2. Press CBS Press² 3. RO-4. Enter row number on keypad. 8 Press again to toggle from Can, Bottle or bott 5. Snack 6. bott Press (#) to save. 7. 0.00 (*) Press 3 times to exit.

4. 3 ITEM

Provides the option of designating items that will contain cans, bottles. The entire machine or row must be set first.

Note: For selections designated as either cans or bottles the vend motor will run continuously during the vend cycle until a drop sensor signals the controller, or the maximum vend time of 9 seconds concludes.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	CBS
3.	Press	
4.	Enter item number on keypad.	81
5.	Press 2 again to toggle from Can, Bottle	CAn
6.	Press 伊 to save.	CAn
7.	Press 3 times to exit.	0.00

4.6 SPACE TO SALES (StS)

This allows can and bottle machines to use two column motors to run under one selection number. It also allows the setting of selections to run a Combi.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	CBS
3.	Press	StSn
4.	Press	StS7 for CB 700
5.	Press	StSC for Combi
6.	Press # to save.	StS?
7.	Press 🐼 3 times to exit.	0.00

4.8 TIME/DATE Sets the time and date for timed operations.

4.8.1 YEAR

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	CBS
3.	Press	dAtE
4.	Press	YEAr
5.	Press 🗰 to see year	***
6.	Press 🗰 to edit year	***
7.	Press 🗰 to save.	***
8.	Press 😸 4 times to exit	0.00

(4) (8) (2) MONTH

	STEP			
1.	Press Service Mode Button			
2.	Press	CBS		
3.	Press	dAtE		
4.	Press	nth		
5.	Press 🗰 to see month	**		
6.	Press 🗰 to edit month	**		
7.	Press # to save.	**		
8.	Press 4 times to exit	0.00		

4.8.3DAY

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	CBS
3.	Press	dAtE
4.	Press 3	dAY
5.	Press 🗰 to see day	**
6.	Press 🗰 to edit day	**
7.	Press # to save.	**
8.	Press 🐼 4 times to exit	0.00

9



This menu controls and displays the current time of day. The display will show a 24 hour format. Examples:

8:05 a.m. = TIME08:05, 1:15p.m. = TIME 13:15

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	CBS
3.	Press	dAtE
4.	Press	00:00
5.	Press 🗰 to edit	14:30
6.	Press 🗰 to save.	14:30
7.	Press 😠 4 times to exit	0.00

4.8.5 DAYLIGHT SAVINGS TIME

This menu controls and displays the currently active daylight savings rule.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	CBS
3.	Press	dAtE
4.	Press 5 for Daylight Savings Menu	dSno
5		dsAU
5.	Press 5 to togale between settings	dsEU
		dsUS
6.	Press 🗭 to save.	dsUS
7.	Press 4 times to exit	0.00

4.9 HEALTH SAFETY (HS)

Health Safety - This menu allows the user to specify the operating region to meet health safety requirements. The health safety requirements are applied to ALL (whole machine). If the requirements are violated then the whole machine will be shut down.

4	4.9.1 HS "All"				
		STEP	DISPLAY		
	1.	Press Service Mode Button			
	2.	Press	CBS		
	3.	Press	HS n		
	4.	Press 9 to toggle HS ON/OFF (default is ON)	HS Y		
	5.	Press 🗰 to save	HS Y		
	6.	Press 4 times to exit	0.00		

(4) (0) ADVANCED CONFIGURATION The following menus are available under this option:

- Beep Enable Motor Type Optics Disables
 - Password
- Set Defaults
- Machine type refrigeration

4.0.1 BEEP ENABLE

Use this option to choose whether a sound is heard when buttons are pressed.

	STEP	DISPLAY	
1.	Press Service Mode Button		
2.	Press	CBS	
3.	Press	PASS	
4.	Enter Password (default 2314)	ACFG	
5.	Press to toggle Beep ON/OFF	bEPY	
6.	Press (#) to save	bEPn	
7.	Press 4 times to exit	0.00	

4.0.2 OPTICS DISABLES

When set up , if the I-vend is not aligned, or sensors are blocked or unplugged, the "NO SALE" POS will display until the I-vend is fixed.

STEP		DISPLAY
1.	Press Service Mode Button	
2.	Press	CBS
3.	Press	PASS
4.	Enter Password (default 2314)	ACFG
5.	Press 2 to toggle Optics Disables ON/OFF	OPdn
6.	Press # to save	OPdY
7.	Press 🐼 4 times to exit	0.00

4.0.3 MOTOR TYPE

Motor Type is preset at the factory. The only time this should be checked is after the installation of a new board to assure that the board is compatible.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press 4	CBS
3.	Press	PASS
4.	Enter Password (default 2314)	ACFG
5.	Press 3 to toggle from 2 or 3 wire motors	tYP2
6.	Press # to save	tYP2
7.	Press 😠 4 times to exit	0.00

4.0. 4 TALKER (NOT AVAILABLE)

4.0.5 PASSWORD

Allows the operator to change the password

NOTE: if you forget your personal password after changing it from the default, contact VendNet Technical Service at 1-800-833-4411for help.

STEP	DISPLAY
Press Service Mode Button	
Press	CBS
Press	PASS
Enter Password (default 2314)	ACFG
Press 5 for Password menu	2314
Press 🗰 to edit	2314
Press 🗰 to save	****
Press 🐱 4 times to exit	0.00
	STEP Press Service Mode Button Press Press Press Enter Password (default 2314) Press For Password menu Press Image: Press

4.0.6 SET DEFAULTS

Use these steps to reset the defaults for the following:

NOTE: If you have previously changed your password, this will reset it back to the factory default of 2314.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	CBS
3.	Press	PASS
4.	Enter Password (default 2314)	ACFG
5.	Press	Init
6.	Press	rSt?
7.	Press	RESE
8.	Press 🐱 4 times to exit	0.00



This menu allows the board to electronically control the refrigeration system.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	CBS
3.	Press	PASS
4.	Enter Password (default 2314)	ACFG
5.	Press 7 to edit Refrigeration Type. Default is Snack	SnAc CoLd SLAC FrZn duaL chLL nnF nF 2 nF 5 SF SF 2 SF 5 SC SC 1 dU 6
6.	Press # to save	(Choice)
7.	Press 4 times to exit	0.00

4.0.8. SELECTION STYLE

	STEP	DISPLAY	
1.	Press Service Mode Button		
2.	Press	CBS	
3.	Press	PASS	
4.	Enter Password (default 2314)		
5.	Press 8		
6.	Press (8) to toggle through selections	*/# (default) 2 d e 2 d 40 3 dig	
7.	Press # to save		
8.	Press \star 4 times to exit	0.00	

Note:

- *Or # is pushed to select from a USD FROZEN or COLD FOOD
- 2 d E is used for the USD Combi
- 3 dig (3 Digit) requires 3 digit input for all selections

5PRICING

This menu allows these methods for assigning prices to selections:

- ITEM by individual selections
- ROW— by shelf or tray
- ALL ITEMS by entire machine.

The maximum price that can be set is \$99.99

- COUPONS by Item, Row, or All
- TOKENS by Item, Row, or All



This menu allows you to set the selection price of every item all at once.

Time Saving Tip:

Instead of setting the price of each item one at a time, it is much faster to set the common price of the entire machine; then go back and set the price of each item or row.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press 5	Prc
3.	Press 3 to enter price	ALL
4.	Enter new price	0.50
5.	Press # to save	0.50
6.	Press 3 times to exit.	0.00

5.2 ROW

Use this menu to set the price of a row (shelf) all at the same time.

Time Saving Tip:

Instead of setting the price of one item at a time, set the common price of a Row, then go back and set the price of each item.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press 5	Prc
3.	Press	ro -
4.	Enter row number and price <i>Example: Top row=1,</i> <i>row below top row=2, etc.</i> Program will automatically go to the next Row.	0.50
5.	Press 🗰 to save.	0.50
6.	Press 3 times to exit	0.00

5.3 ITEM

This menu allows price setting by each selection item.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	Prc
3.	Press	
4.	Enter Item and price	\$0.50
5.	Press # to save. The program will automatically go to the next selection number.	\$0.50
6.	Press 3 times to exit.	0.00

5. VALUE COUPON

Allows the operator to designate the values of "free vend" coupons that the validator has been programmed to accept. The GVC control board can have 5 different coupons each having a different value.

After one coupon is accepted, further coupons will not be accepted until a successful vend has taken place.

NOTE	IOTE: This option requires a coupon programmed validator [MDB version].		
NOTE	: If no value is set, coupons will be shown as free vends.		
	STEP	DISPLAY	
1.	Press Service Mode Button		
2.	Press 5	Prc	
3.	Press	CPn	
4.	Press for Coupon1	CPn1 0.00	
5.	Enter the amount you want coupon to be or leave at 0.00	1.50	
6.	Press # to save	1.50	
7.	Press 2 times to edit coupon 2-5 or press 5 times to exit menu	0.00	

5. VALUE TOKEN

This option allows the operator to designate the values of "free vend" tokens accepted by pre-programmed coin mechanism /changer. The GVC control board can set five different tokens with a different value each.

NOTE: This option requires an MDB version coin mechanism/changer.		
	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	Prc
3.	Press	Thn
4.	Press 1 for Token 1 The set value will be shown	Thn1 0.00
5.	Enter the value for Token 1	1.00
6.	Press # to save	Thn1
7.	Press 2 times to edit token 2-5 or press 4 times to exit	0.00

6 ACCOUNTING

Use this menu to gain access to menus that display or reset data for various types of cash and vend totals. Counts can be viewed by individual items, rows or as the whole machine.

Historical totals: These are the counts since the initialization of the machine. They cannot be reset.

Resettable totals: These are totals since the last reset. These can be reset at any time. You have the option to reset just an item, row or the whole machine.

Clearing by item and row will only clear the item or row entered.

6.3 ACCOUNTING "ALL" This menu displays the total sales value and total vend count for the entire machine.

NOTE: This will include satellite machines.				
	STEP	DISPLAY		
1.	Press Service Mode Button			
2.	Press	Acct		
3.	Press 3 The Historical count will be shown	All 10		
4.	Press Historical vend count	10		
5.	Press Historical cash value	10.00		
6.	Press Resettable count	10		
7.	Press 4 Reset Cash	10.00		
8.	Press ⁵ Historical Card Value	0.00		
9.	Press 6 Historical 2 nd Vends	0		
10.	Press Reset. Card	0.00		
11.	Press 8 Reset 2 nd Vends	0		
12.	Press to clear all selections	Clr?		
13.	Press to confirm clear Confirming clear will clear the resettable counts for ALL ITEMS.	Clrd		
14.	Press 🗴 4 times to exit	0.00		

6. 2 ACCOUNTING BY ROW

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	Acct
3.	Press 2 to enter row	ro-
	Enter the row number	
4.	Press Hist. Ct.	10
5.	Press 2 Hist. Cash	10.00
6.	Press Reset. Ct.	10
7.	Press Reset Cash	10.00
8.	Press 5 Hist. Card	0.00
9.	Press ⁶ Hist. 2 nd Vends	0
10.	Press Reset Card	0.00
11.	Press Reset 2 nd vends	0
12.	Press to clear Resettables	Clr?
13.	Press to confirm clear (ONLY For that row)	Clrd
14.	Press $\textcircled{\bullet}$ to enter another row or press $\textcircled{\bullet}$ 4 times to exit	Sales Mode

6. ACCOUNTING BY ITEM

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	Acct
3.	Press to enter an item Enter the item number	 14
4.	Press Hist. ct.	10
5.	Press Hist. cash	10.00
6.	Press Reset. Ct	10
7.	Press Reset. Cash	10.00
8.	Press 5 Hist. Card	0.00
9.	Press Hist 2 nd vends	0
10.	Press Reset. Card	0.00
11.	Press Reset 2 nd vends	0
12.	Press to clear Resettables (ONLY for that item)	Clr?
13.	Press to confirm clear	Clrd 0.00

O ADVANCED OPTIONS

To enter this menu you will be prompted to input a password. The following options are available:

- Discount
- Free Vend Rate
- Exact Change
- Max Change Shutdown
- Energy Savings
- Unconditional Acceptance

7.1 DISCOUNT

This menu will access the following sub-menus that allow the vending machine (controller) to charge a different price for selections at different times or on different days:

- Item
- Start Time
- Row
- Day Stop Time
- All

- Value
- Enable ON/OFF

7.1.3 DISCOUNT "ALL"

		STEP	DISPLAY
	1.	Press Service Mode Button	
	2.	Press	PASS
	3.	Enter Password (default 2314)	AdV
	4.	Press	dISC
If Every Day "ON" is your	5.	Press 3 to toggle All ON/OFF	ALLY
setting, skip to	6.	Press # to save	ALLY
step #27 To set individual	7.	Press 🐱 to exit to Discount	dISC
days use steps 12-27	8.	Press 4 to enter day menu	day

DISC	OUNT "ALL" cont.	DISPLAY
9.	Press to toggle Every Day ON/OFF (To set individual days turn Every Day OFF)	ALLn
10.	Press # to save	ALLY
11.	Press to toggle Mon. ON/OFF	nonY
12.	Press # to save	nonY
13.	Press 3 to toggle Tues ON/OFF	tuEY
14.	Press # to save	tuEn
15.	Press 4 to toggle Wed ON/OFF	UEdY
16.	Press # to save	UEdY
17.	Press 5 to toggle Thurs. ON/OFF	thuY
18.	Press # to save	thuY
19.	Press 6 to toggle Fri On/OFF	FrIY
20.	Press 伊 to save	Frln
21.	Press 7 to toggle Sat On/OFF	SAtY
22.	Press 🗭 to save	SAtY
23.	Press 🖲 to toggle Sun ON/OFF	SunY
24.	Press 🗰 to save	Sunn
25.	Press 2 times to exit to Discount menu	dISC
26.	Press 5 2 times to enter Start Time menu	Strt 00:00
27.	Press # to edit	08:00
28.	Press # to save	08:00
29.	Press 🕏 to exit to Start Time	Strt
30.	Press 6 2 times to enter Stop Time menu	Stop 23:59
31.	Press # to edit	10:00
32.	Press # to save	10:00
33.	Press 2 times to exit to Discount menu	dISC
34.	Press to enter Disc. Value	0.50
35.	Press # to save	0.50
36.	Press 2 times to exit to discount menu	dISC
37.	Press 9 to toggle enable ON/OFF	En n
38.	Press # to save	En Y
39.	Press 🐼 4 times to exit to Sales Mode	0.00

7.1.2 DISCOUNT BY ROW

		STEP	DISPLAY
	1.	Press Service Mode Button	Motors ()
		Press	Password
	2.	Enter Password (default 2314)	AdV
		Press	dISC
	3.	Press (3) to toggle and turn off All	ALLn
	4.	Press # to save	ALLn
	5.	Press to exit to Discount menu	dISC
	6.	Press tor Row Enter row	ro-
	7.	Press to toggle OFF/ON	ro1Y
If Everyday "ON" is	8.	Press # to save	ro1Y
your setting,	9.	Press once to enter another row or 2 times to go to Discount menu	dISC
# 27	10.	Press to enter Day menu	DAY
To set individual days use	11.	Press to toggle All days ON/OFF (To set individual days turn Every Day off)	ALLY
steps 13- 27	12.	Press # to save	ALLY
	13.	Press to toggle Mon. ON/OFF	nonY
	14.	Press # to save	nonY
	15.	Press 3 to toggle Tues ON/ OFF	tuEY
	16.	Press # to save	tuEn
	17.	Press 4 to toggle Wed ON/OFF	UEdY
	18.	Press # to save	UEdY
	19.	Press 5 to toggle Thurs. ON/OFF	thuY

	DISCOUNT BY ROW Cont.	DISPLAY
20.	Press # to save	thuY
21.	Press 6 to toggle Fri. ON/OFF	Fril
22.	Press # to save	FrIn
23.	Press to toggle Sat. ON/ OFF	SAtY
24.	Press # to save	SAtY
25.	Press (8) to toggle Sun. ON/OFF	SunY
26.	Press # to save	Sunn
27.	Press 2 times to exit to Discount menu	dISC
28		Strt
20.	Press 2 times to enter Start Time menu	00:00
29.	Press $()$ to edit start time enter in 24hr time (HH:MM)	08:00
30.	Press # to save	08:00
31.	Press 6 2 times to enter stop time menu	Strt
32.	Proce # to adit	Stop
		23:59
33.	Press (#) to save	10:00
34.	Press 🐱 2 times to exit to Discount menu	10:00
35.	Press $\overline{\mathcal{T}}$ to enter disc. Value	dISC
36.	Press 🗰 to save	0.50
37.	Press 2 times to exit to Discount menu	dISC
38.	Press 9 to toggle ON/OFF	En Y
39.	Press # to save	En Y
40.	Press 4 times to exit	0.00

7.1.1 DISCOUNT BY ITEM

		STEP	DISPLAY
	1.	Press Service Mode Button	
	2.	Press	PASS
	3.	Enter Password (default 2314)	AdV
	4.	Press	dISC
	5.	Press 3 to toggle ALL items OFF	ALLn
	6.	Press # to save	ALLn
Day your skip 27	7.	Press for Item	 24 n
	8.	Press to toggle Item ON	24 Y
	9.	Press 🗰 to save	24 Y
-27	10.	Press 4 to enter Day menu	dAY
	11.	Press to toggle Everyday ON/OFF (To set individual days Everyday must be OFF)	ALLY
	12.	Press (#) to save	ALLY

If Every Day "ON" is your setting, skip to step #27 To set individual days use steps 13-27

DISC	COUNT BY ITEM cont.	DISPLAY
13.	Press 3 to toggle Tues ON/OFF	tuEn
14.	Press # to save	tuEn
15.	Press 4 to toggle Wed ON/OFF	UEdY
16.	Press # to save	UEdY
17.	Press 5 to toggle Thurs. ON/OFF	thuY
18.	Press # to save	thuY
19.	Press 6 to toggle Fri On/OFF	FrIn
20.	Press # to save	Frln
21.	Press 🕡 to toggle Sat On/OFF	SAtY
22.	Press 🗰 to save	SAtY
23.	Press 🖲 to toggle Sun ON/OFF	Sunn
24.	Press 🗰 to save	Sunn
25.	Press 😠 2 times to exit to Discount menu	dISC
26.	Press 5 2 times to enter Start Time menu	Strt 00:00
27.	Press 🗰 to edit	08:00
28.	Press # to save	08:00
29.	Press 😿 to exit	Strt
30.	Press 6 2 times to enter Stop Time menu	Stop 23:59
31.	Press # to edit	10:00
32.	Press # to save	10:00
33.	Press 😠 2 times to exit to Discount menu	dISC
34.	Press to enter Disc. Value	0.50
35.	Press # to save	0.50
36.	Press 2 times to exit to Discount menu	dISC
37.	Press 9 to toggle Enable ON/OFF	En n
38.	Press # to save	En Y
39.	Press 🐱 4 times to exit	0.00

7.3 FREE VEND RATE

Enter a number from 0-255.

This will set the number of paid vends between free vends. Example: If set at 5; every 5^{th} vend will be free.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	PASS
3.	Enter Password (default 2314)	****
4.	Press 3 to enter Free Vend Rate menu	rate 0
5.	Press 🗰 to edit	10
6.	Press 🗰 to save	10
7.	Press 3 times to exit	0.00

7. EXACT CHANGE

		STEP	DISPLAY
The amount of	1.	Press Service Mode Button	
left in coin mech	2.	Press	PASS
when		Enter Password (default 2314)	AdV
"Use Exact	з	-	EChG
Change"	5.	Press	0.00
light comes on	4.	Enter the amount for exact change	0.00
	5.	Press # to save	1.00
	6.	Press 🕏 3 times to exit.	0.00

NOTE: If "Unconditional Acceptance" is set, for example, at \$20.00, exact change will also be \$20.00 and cannot be set for a lower amount.

7. UNCONDITIONAL ACCEPTANCE

Sets the unconditional		STEP	DISPLAY
acceptance value. All coins or bills equal to or	1.	Press Service Mode Button	
less than this set value	2.	Press	PASS
the	3.	Enter Password (default-2314)	AdV
changer cannot return	л	5	UnAc
an equal amount of	4.	Press	0.00
change.	5.	Enter the amount	5.00
	6.	Press <i>(</i>) to save	5.00
	7.	Press 3 times to exit.	0.00

The Unconditional Acceptance set value is adjustable but the maximum value is equal to the largest denomination of currency or coin accepted by the changer or validator.



Maximum Change Option - This option will prevent change from being returned to the customer until the amount of credit has been reduced to a value less than or equal to the programmed maximum change limit.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	PASS
	Enter Password (default is 2314)	AdV
3.	Press	ChG
4.	Press to toggle ON/OFF	ChGY
5.	Press 🕖 to save	ChGY
6.	Press to enter dollar amt.	50.00
7.	Press 🕖 to save	ChG
8.	Press 3 times to exit.	0.00

NOTE: The highest value that can be set for the maximum price is \$99.95.

7.8 SHUTDOWN

This option allows the controller to shut down a range of selections or the entire machine based on four (4) time-of-day intervals. If the time falls within one of these intervals and the entire machine has been selected for shutdown then the message "no SaLE... tIL..hh:mm" is displayed.

If a range of selections has been chosen for shutdown that does not encompass the entire machine, the same message will display once every time the customer makes a selection that falls within the range.

NOTE: The correct time and date must be set so that the SHUTDOWN intervals work correctly. Also, for any given day these 4 time intervals may overlap one another. For each interval, the machine (controller) can be programmed from no days up to every day of the week on which the specified shutdown time intervals will be active.

		STEP	DISPLAY
	1.	Press Service Mode Button	
	2.	Press	PASS
	3.	Enter Password (default is 2314)	AdV
	4.	Press	Shdn
	5.	Press for Interval1	Int1
	6.	Press 3 to toggle All ON	AIIY
	7.	Press 🗰 to save	AIIY
	8.	Press \star to exit	Int1
	9.	Press 4 to enter day menu	day
lf Everyday "ON" is your	10.	Press to toggle Everyday ON/OFF (To program individual days turn Everyday OFF)	ALLY
setting, skip	11.	Press 🗰 to save	ALLY
	12.	Press to toggle Mon ON/OFF	nonY
To set individual	13.	Press # to save	nonY
days use	14.	Press 3 to toggle Tues ON/OFF	tuEn
steps 13-27	15.	Press # to save	tuEn

(7)(8)(1)SHUTDOWN ALL

	SHU	JTDOWN ALL cont.	DISPLAY
	16.	Press 4 to toggle Wed ON/OFF	UEdn
	17.	Press # to save	UEdn
	18.	Press 5 to toggle Thurs. ON/OFF	thuY
	19.	Press # to save	thuY
	20.	Press 6 to toggle Fri. ON/OFF	FrIY
	21.	Press # to save	FrIY
	22.	Press 🕖 to toggle Sat. ON/OFF	SAtn
	23.	Press 🗰 to save	SAtn
	24.	Press ⁸ to toggle Sun. ON/OFF	SunY
	25.	Press # to save	SunY
	26.	Press 2 times to exit	Int1
	27.	Press 2 times to enter start time menu	Strt 00:00
	28.	Press # to edit	08:00
	29.	Press # to save	08:00
	30.	Press to exit	Strt
	31.	Press 6 2 times to enter stop time menu	Stop 23:59
	32.	Press 🗰 to edit	10:00
	33.	Press 🗰 to save	10:00
	34.	Press 2 times to exit to Interval menu	Int1
NOTE: Machine must be	35.	Press ⁸ to toggle Lighting ON/OFF Lighting ON-turns off lights during shutdown Lighting OFF- leaves lights On during shutdown	Litn
with optional	36.	Press 🗰 to save	LitY
light relay. Default	35.	Press 9 to toggle enable ON/OFF	En n
setting is	36.	Press 🗰 to save	En Y
011	37.	Press 2 times to edit Interval 2-4	Shdn
	38.	Press 3 times to exit to sales mode	0.00

7.8.2 SHUTDOWN BY ROW

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	PASS
3.	Enter Password (default is 2314)	AdV
4.	Press	Shdn
5.	Press for Interval1	Int1
6.	Press ² to set Row Enter Row	ro - ro1n
7.	Press to togale Row ON	ro1Y
8.	Press (#) to save	Ro1Y
9.	Press to enter another Row or press 2 times to return to Interval menu	Int1
10.	Press 4 to enter Day menu	Day
11.	Press to toggle Everyday ON/OFF (To program individual days turn everyday OFF)	ALLY
12.	Press to save	ALLY
13.	Press 2 to toggle Mon ON/OFF	nonY
14.	Press # to save	nonY
15.	Press 3 to toggle Tues ON/OFF	tuEn
16.	Press # to save	tuEn
17.	Press 4 to toggle Wed ON/OFF	UEdn
18.	Press # to save	UEdn
19.	Press 5 to toggle Thurs. ON/OFF	thuY
20.	Press # to save	thuY
21.	Press 6 to toggle Fri. ON/OFF	FrIY
22.	Press # to save	FrIY
23.	Press to toggle Sat. ON/OFF	SAtn
24.	Press # to save	SAtn
25.	Press ⁸ to toggle Sun. ON/OFF	SunY
26.	Press # to save	SunY
27.	Press 2 times to exit	Int1
28.	Press 5 2 times to enter start time menu	Strt 00:00
29.	Press # to edit	08:00
30.	Press # to save	08:00
31.	Press to exit	Strt
32.	Press 2 times to enter stop time menu	Stop 23:59
33.	Press # to edit	10:00

If Everyday "ON" is your setting, skip to step # 27 To set individual days use steps 13-27

SHU	SHUTDOWN BY ROW cont.			
34.	Press # to save	10:00		
35.	Press 2 times to exit to Interval menu	Int1		
36.	Press (9) to toggle enable ON/OFF	En n		
37.	Press # to save	En Y		
38.	Press 2 times to edit Interval 2-4	Shdn		
39.	Press 3 times to exit to sales mode	0.00		

7.8. 1 SHUTDOWN BY ITEM

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	PASS
3.	Enter Password (default is 2314)	AdV
4.	Press	Shdn
5.	Press for Interval1	Int1
6.	Press to enter item	10 n
7.	Press to toggle ON/OFF	10 Y
8.	Press # to save	10 Y
9.	Press to enter another item or press	Int1
10.	Press 4 to enter day menu	day
11.	Press to toggle Everyday ON/OFF (To program individual days turn Everyday OFF)	ALLn
12.	Press # to save	ALLn
13.	Press 2 to toggle Mon ON/OFF	nonY
14.	Press # to save	nonY
15.	Press 3 to toggle Tues ON/OFF	tuEn
16.	Press # to save	tuEn
17.	Press 4 to toggle Wed ON/OFF	UEdn
18.	Press # to save	UEdn
19.	Press 5 to toggle Thurs. ON/OFF	thuY
20.	Press # to save	thuY
21.	Press 6 to toggle Fri. ON/OFF	FrIY
22.	Press # to save	FrIY
23.	Press to toggle Sat. ON/OFF	SAtn
24.	Press # to save	SAtn
25.	Press 8 to toggle Sun. ON/OFF	SunY
26.	Press # to save	SunY
27.	Press 2 times to exit	Int1

If Everyday "ON" is your setting, skip to step # 27 To set individual days use steps 12-27

SHU	JTDOWN BY ITEM cont.	DISPLAY
32.	Press 6 2 times to enter Stop Time menu	Stop 23:59
33.	Press # to edit	10:00
34.	Press # to save	10:00
35.	Press 2 times to exit to Interval menu	Int1
36.	Press (9) to toggle enable ON/OFF	En Y
37.	Press # to save	En Y
38.	Press 2 times to edit Interval 2-4	Shdnt
39.	Press 3 times to exit to Sales mode	0.00
28.	Press 5 2 times to enter Start Time menu	Strt 00:00
29.	Press # to edit	08:00
30.	Press # to save	08:00
31.	Press to exit	Strt

(7.9) ENERGY SAVINGS This function allows you to set a **refrigerated** machine to run at a higher than normal temperature during programmable periods and programmable days of the week.

NOTE: Energy Savings runs OUTSIDE of the HS Standards. There are two programmable intervals.				
		STEP	DISPLAY	
	1.	Press Service Mode Button		
Default	2.	Press	PASS	
password 2314	3.	Enter Password	AdV	
	4.	Press	EnrG	
	5.	Press for Interval1(to edit Interval 2, Press 2)	Int1/ or Int2	
If Evenueles (6.	Press to enter Day menu	day	
"ON" is your setting, skip to step # 23	7.	Press to toggle Everyday ON/OFF (To program individual days turn everyday OFF)	ALLn	
To set individual davs	8.	Press # to save	ALLn	
use steps 8-22	9.	Press to toggle Mon ON/OFF	nonY	
	10.	Press # to save	nonY	
	11.	Press 3 to toggle Tues ON/OFF	tuEn	
	12.	Press # to save	tuEn	
	13.	Press 4 to toggle Wed ON/OFF	UEdn	
	14.	Press 🗰 to save	UEdn	
	15.	Press 5 to toggle Thurs. ON/OFF	thuY	
	16.	Press # to save	thuY	
	17.	Press 6 to toggle Fri. ON/OFF	FrlY	
	18.	Press # to save	FrlY	
	19.	Press to toggle Sat. ON/OFF	SAtn	
	20.	Press 🗰 to save	SAtn	

	ENE	ERGY SAVINGS CONT.	DISPLAY
	21.	Press 🖲 to toggle Sun. ON/OFF	SunY
 22. Press to save 23. Press 2 times to exit 24. Press 2 times to enter Start Time menu 		Press # to save	SunY
		Press 2 times to exit	Int1
		Press 2 times to enter Start Time menu	Strt 00:00
	25.	Press # to edit	08:00
	26.	Press # to save	08:00
	27.	Press 😿 to exit	Strt
	28.	Press 62 times to enter Stop Time menu	Stop 23:59
	29.	Press 🗰 to edit	10:00
30. Press <i>to</i> save		Press # to save	10:00
	31.	Press 2 times to exit to Interval menu	Int1
	32.	Press to enter Storage Temp (default is 62°F)	62F
	33.	Press to reset Storage Temp (available range: 36°F to 62°F)	40F
	34.	Press 🗰 to save	40F
	35.	Press 2 times for INTERVAL main menu	Int1
Optional -→ (Default is OFF)	36.	Press ⁸ to toggle Lighting ON/OFF Lighting ON-turns off lights during Energy Savings. Lighting OFF- leaves lights On during Energy Savings	LiTn
	37.	Press to save	LiTY
	38.	Press (9) to toggle enable ON/OFF	En n
	39.	Press # to save	En Y
	41.	Press 3 times to exit to Sales mode	0.00

8 TEST VEND

Use this menu to test vend individual motors. The selection will display with the test vend. If a test vend attempt on a particular motor fails, controller will beep.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	
3.	Press selection number on keypad and wait	10
4.	Repeat step 3 for other selections.	
5.	Press 3 times to exit.	0.00

NOTE: If Space to Sales is enabled, motors are run by selection number in Space to Sales arrangement. If the machine is iVend[™] equipped the test cycle will match the description found in the iVend[™] section of the manual.

9 TEST ALL MOTORS

This menu will test vend all motors. The selection will display with the test vend. If a test vend attempt on a particular motor fails, then the controller will beep. Satellite machines will also be included in the test.

NOTE: STEP		STEP	DISPLAY	
Pressing 😿 at	1.	Press Service Mode Button		
any time will stop	0	Press (9) and wait.		
	2.	The motor selection number will display while it is being tested.	**	
	3.	Press 3 times to exit.	0.00	
NOTE: If Space to Sales is enabled, motors are run by selection number in Space to Sales arran machine is iVend [™] equipped the test cycle will match the description found in the iVend manual.		mber in Space to Sales arrangement. If the escription found in the iVend™ section of th	e he	

0 DIAGNOSTIC

This menu is used to	STEP		DISPLAY
perform a self-	1.	Press Service Mode Button	
and display results.	2.	Press	dIAG
			tESt
			CtL
		Press to start test	ChSu
	2		oPt
	5.		drP
			Cn
			ChG
			biLL
	4.	Press 3 times to exit.	0.00

0.2 TEST RELAY

Testing of Relays - This menu provides functions that allow the operator to test the operation of the individual relay lines 1 through 6.

RELAY1 - Refrigeration Compressor. RELAY2 - Evaporator Fan RELAY3 - Heater Upon exit from the function the corresponding relay control line will revert to a state that is dependent on the controller's normal relay control algorithm.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	Diag
3.	Press	rlY
4.	Press to toggle Relay 1 ON/OFF	rL1n
5.	Press to toggle Relay 2 ON/OFF	rL2n
6.	Press 3 to toggle Relay 3 ON/OFF	rL3n
7.	Press to toggle Relay 4 ON/OFF	rL4n
8.	Press 5 to toggle Relay 5 ON/OFF	rL5n
9.	Press to toggle Relay 6 ON/OFF	rL6n

0.3 LOG

Engineering download for service technician ONLY!

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	Diag
3.	Press 3	Log
4.	Press 3 times to exit	0.00

0 4 COIN REJECT RATE

This feature tracks the percentage of coins that have been rejected by the coin mech. This will be reset when in accounting "ALL" has been cleared.

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	Diag
3.	Press to view percentage	10
4.	Press 🗷 3 times to exit	0.00

0.5 BILL REJECT RATE

	STEP		DISPLAY
This feature tracks percentage of bills	1.	Press Service Mode Button	
rejected by the validator, and resets when "All" has	2.	Press	Diag
been cleared	3.	Press 5 to view percentage	20
	4.	Press 😪 3 times to exit	0.00

0.6 IVEND ALIGNED

Indicates when iVend[™] vend delivery sensors are in alignment

	STEP	DISPLAY
1.	Press Service Mode Button	
2.	Press	Diag
3.	Press 6 to check I-vend alignment	"Good" or "No"

0.7LOG

0.7. 1 REFRIGERATION LOG

This setting allows logging of the refrigeration temperatures through a laptop (w/appropriate software) and the **DEX** port in real time.

STEP		DISPLAY
1.	Press Service Mode Button	
2.	Press	Diag
3.	Press	PASS
4.	Enter 2314	Log
5.	Press	rFon
6.	Press	rFoY
7.	Press # to save	rFoY
8.	Press 😪 4 times to exit	0.00

(0, 7, 4) **HEALTH SAFETY TEST** This allows the testing of the HEALTH SAFETY without having to wait longer than 15 minute or taping down door switches.

	STEP	DISPLAY
1.	Press Service Mode Button	Motor Count or Error Code
2.	Press	Diag
3.	Press	PASS
4.	Enter 2314	Log
5.	Press	hStn
6.	Press	hStY
7.	Press # to save	hStY
8.	Press 😪 4 times to exit	0.00

0 8 DOOR ALERT

This allows for an alert when the door is left opened on refrigerated units

	STEP	DISPLAY
1.	Press Service Mode Button	Motors ()
2.	Press	Diag
3.	Press 8	dorn
4.	Press 🖲 to toggle	dorY
5.	Press 🗰 to save	dorY
6.	Press 😸 3 times to exit	Sales Mode

NOTE: If further assistance is needed, you may call VendNet[©] at 1(800) 833-4411, and ask for a service representative.

(1). (9) MANUAL DEFROST This allows a manual defrost cycle

STEP		DISPLAY	
1.	Press Service Mode Button	Motors ()	
2.	Press	Diag	
3.	Press	dEFn	
4.	Press	dEFY	
5.	Press # to save	dEFY	
6.	Press 😸 3 times to exit	0.00	

NOTES:

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