



# PROGRAMMING MANUAL

## FLEX CONTROLLER SOFTWARE

This manual contains programming instructions for the FLEX Controller used on the vending machines listed below. Please refer to your service manual for other information.

VENDOR	MODEL
3 Wide	3603, 3603A
4 Wide	3604, 3604A
5 Wide	3605, 3605A
6 Wide	3606, 3606A

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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: \_\_\_\_\_

**Revision History:**

<b><u>Rev</u></b>	<b><u>Date</u></b>	<b><u>Reason</u></b>
A	07/24/16	Initial Document
B	10/04/16	Additions/Corrections
C	02/01/17	Additions/Corrections
D	02/15/18	Rename to FLEX

## **INTRODUCTION**

This manual covers the operator accessible service mode features, options (also called “modes”) settings and diagnostic/data logs.

The FLEX controller hardware utilizes a 3.5 inch screen, as a key feature visible from the outside of the vending machine. Optional hardware features include a 10” iCart touch screen.

## **SERVICE MODE**

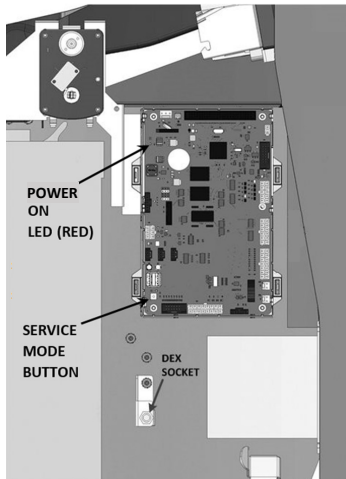
Use **Service Mode** to program and change settings. Use the keypad as an input device and watch the display for information while performing Service Mode functions.

### **SERVICE MODE BUTTON**

To enter **Service Mode**, press the **Service Mode Button** located in the lower left hand corner of the control board. See figure1. To exit Service Mode, press the Service Mode Button again or press the \* key 3 times.

**IMPORTANT NOTES:**

If no key is pressed for approximately 1 minute while in **Service Mode**, the controller will automatically return to **Sales Mode**.

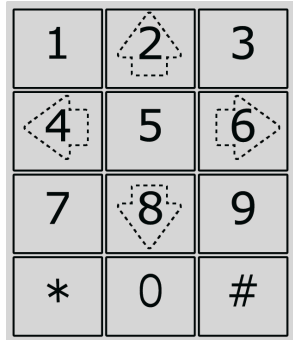


**Figure 1 – Service Mode Button**

**KEYPAD**

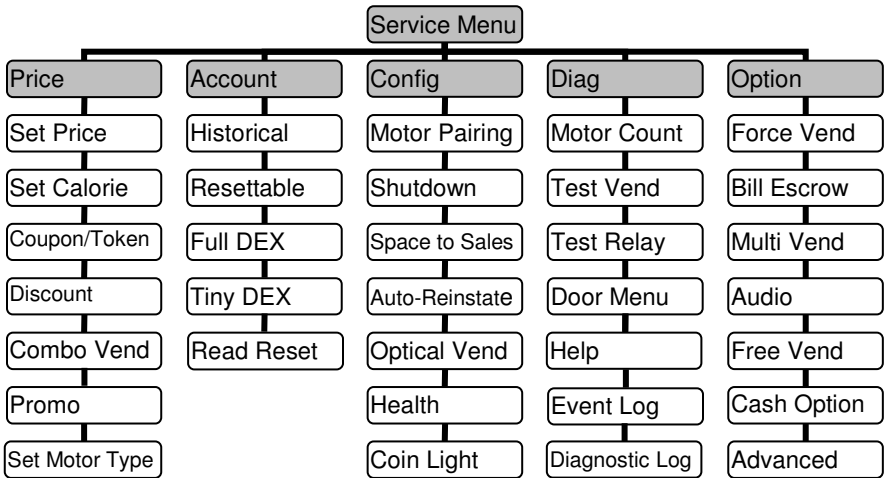
To program the vendor, use the buttons on the keypad to navigate as directed in the instructions below.

**Buttons 2, 8, 4, 6, # and \*** are used to move between the various modes, menus and sub-menus; 2=Move Up; 8=Move Down, 4=Move Left; 6=Move Right; #=Enter; \*=Go Back/Escape  
See Figure 2.



**Figure 2 - Keypad**

**SERVICE MODE MENU**



**Important Note:** The FLEX controller does not utilize a **TUBE FILL MODE**; the controller uses the tube amounts that are reported by the coin changer.

# PRICE MENU

The **Set Price** menu allows three (3) methods for assigning prices:

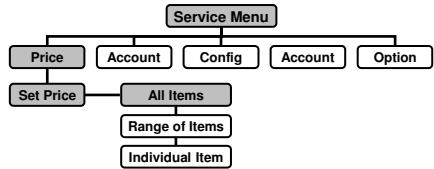
- ALL ITEMS.
- RANGE OF ITEMS.
- INDIVIDUAL ITEM

The maximum price that can be set is \$655.35.

## SET PRICE ALL ITEMS

This menu allows you to set the selection price of every item in the machine at the same time.

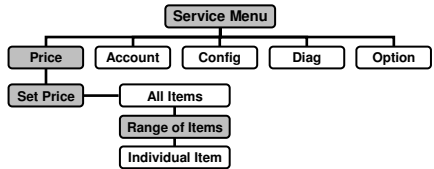
**Time Saving Tip:** Use the all items option to set the most common price in the machine; then go back and set the different price of each item or row.



STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Price is highlighted.	Price
3.	Press <input type="text" value="8"/> to highlight Set Price.	Set Price
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="#"/> to enter.	All Items: (Current Price) *- exit # - save
6.	Use the keypad to enter the new price.	All Items: (Current Price) *- exit # - save
7.	Press <input type="text" value="#"/> to save the new price.	DB Update in Progress Please wait
8.	Display will update to show the new price.	All Items: (New Price) *- exit
9.	Press <input type="text" value="*"/> three times to exit.	

## SET PRICE RANGE OF ITEMS

This menu allows you to set the price of a range of items such as an entire tray at the same time.

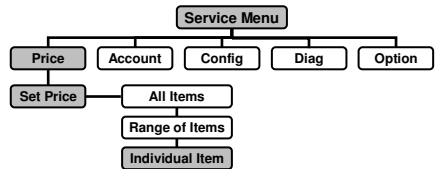



STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Price is highlighted.	Price
3.	Press <input type="text" value="8"/> to highlight Set Price.	Set Price
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Range of items.	Range of Items
6.	Press <input type="text" value="#"/> to enter.	Range of Items: Enter Item Start Number *- exit # - save

7.	Enter the First Item number.	Range of Items: Enter Item Start Number XX *- exit # - save
8.	Press <input type="text" value="#"/> to enter.	Range of Items: Enter Item End Number *- exit # - save
9.	Enter the End Number.	Range of Items: Enter Item End Number XX *- exit # - save
10.	Press <input type="text" value="#"/> to enter.	Range of Items: (Current Price) X.XX *- exit # - save
11.	Use the keypad to enter the new price.	Range of Items: (Current Price) *- exit # - save
12.	Press <input type="text" value="#"/> to save the new price.	DB Update in Progress Please wait
13.	Display will return to the Enter Item Start Number screen.	Range of Items: Enter Item Start Number *- exit # - save
14.	Return to step 7 to enter the next Range of Items or Press <input type="text" value="*"/> three times to exit.	

### SET PRICE INDIVIDUAL ITEM

This menu allows you to set the price of an individual item.

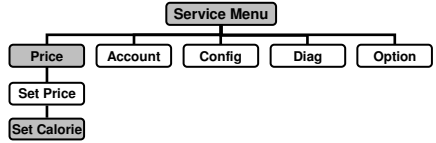


STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Price is highlighted.	Price
3.	Press <input type="text" value="8"/> to highlight Set Price.	Set Price
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Individual Item.	Individual Item
6.	Press <input type="text" value="#"/> to enter.	Individual Item: Enter Item Number *- exit # - next
7.	Enter the Item number.	Individual Item: Enter Item Number XX *- exit # - next
8.	Press <input type="text" value="#"/> to enter.	Individual Item: XX Enter New Price *- del/exit # - save
9.	Use the keypad to enter the new price.	Individual Item: XX Enter New Price X.XX *- del/exit # - save
10.	Press <input type="text" value="#"/> to save the new price.	DB Update in Progress Please wait

11.	Display will return to the Enter Item Number Screen.	Individual Item: Enter Item Number *- exit #- next
12.	Return to step 7 to enter the next item to price or Press <input type="text" value="*"/> three times to exit.	

### SET CALORIE

This menu allows you to set the nutritional information for each selection in the machine.



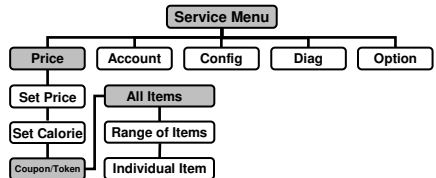
STEP		HIGHLIGHTED
1.	Press Service Mode Button <input type="button" value="⏏"/> .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Price is highlighted.	Price
3.	Press <input type="text" value="8"/> to highlight Set Calorie.	Set Calorie
4.	Press <input type="text" value="#"/> to enter.	Calorie Menu: Enter Item Number *- exit #- Next
5.	Use the keypad to enter the selection number.	Calorie Menu: Enter Item Number XX *- exit #- Next
6.	Press <input type="text" value="#"/> to enter.	Enter New Calorie *- del/exit #- next
7.	Use the keypad to enter the calories.	Enter New Calorie XXXX *- del/exit #- next
8.	Press <input type="text" value="#"/> to enter.	Item # XX Set Calorie XXX
9.	Return to step 7 to enter the next Calorie Content or press <input type="text" value="*"/> three times to exit.	

### COUPON/TOKEN

This mode allows you to designate the value of the coupon/token and allows you to choose the selections that will be available when the coupon/token is inserted.

### ALL ITEMS

This menu allows you to set all selections as available when the coupon/token is inserted.

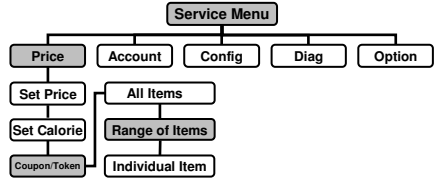



STEP		HIGHLIGHTED
1.	Press Service Mode Button <input type="button" value="⏏"/> .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Price is highlighted.	Price
3.	Press <input type="text" value="8"/> to highlight Coupon/Token.	Coupon/Token

4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="#"/> to enter.	Coupon/Token All Items Enter Coupon #(1-5) or Token (6-10) *- exit # - save
6.	Press <input type="text" value="1"/> for Coupon1 (Press corresponding number 2-5 for additional coupons or 6-10 for tokens).	Coupon All Items Enter Coupon #(1-5)/(6-10) 1 *- exit # - save
7.	Press <input type="text" value="#"/> to enter.	Coupon All Items Enter Coupon/Token Value # *- del # - save
8.	Enter Coupon Value.	Coupon All Items Enter Coupon/Token Value # X.XX *- del # - save
9.	Press <input type="text" value="#"/> to save.	Coupon All Selections Coupon/Token Assigned *- exit
10.	Press <input type="text" value="*"/> three times to exit.	

### RANGE OF ITEMS

This menu allows you to set a range of items as available when the coupon/token is inserted.



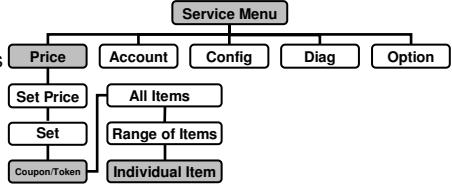
STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Price is highlighted.	Price
3.	Press <input type="text" value="8"/> to highlight Coupon/Token.	Coupon/Token
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Range of Items.	Range of Items
6.	Press <input type="text" value="#"/> to enter.	Coupon/Token Range of Items Enter First Selection *- exit # - next
7.	Enter Item Start Number	Coupon/Token Range of Items Enter Start Number XX *- exit # - next
8.	Press <input type="text" value="#"/> to enter.	Coupon Range of Items Enter Last Selection XX *- del # - next
9.	Enter the last selection	Coupon Range of Items Enter Last Selection XX *- del # - next
10.	Press <input type="text" value="#"/> to enter.	Coupon Range of Items Enter Coupon #(1-5) or Token (6-10) X *- del # - save




11.	Press <input type="text" value="1"/> for Coupon1 (Press corresponding number 2-5 for additional coupons or 6-10 for tokens).	Coupon Range of Items Enter Coupon/Token #(1-5)/(6-10) 1 *- exit # - save
12.	Press <input type="text" value="#"/> to enter.	Coupon Range of Items Enter Coupon/Token Value # *- del # - save
13.	Enter Coupon/Token Value.	Coupon Range of Items Enter Coupon/Token Value # X.XX *- del # - save
14.	Press <input type="text" value="#"/> to save.	Coupon Range of Items Coupon/Token Assigned *- exit
15.	Press <input type="text" value="*"/> three times to exit.	

### INDIVIDUAL ITEM

This menu allows you to set individual items as available when a coupon/token is inserted.



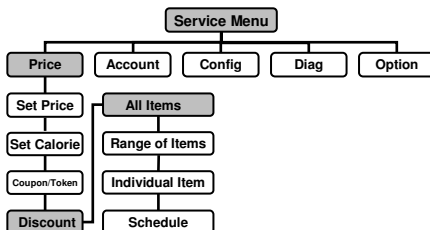
STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Price is highlighted.	Price
3.	Press <input type="text" value="8"/> to highlight Coupon/Token.	Coupon/Token
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Individual Item.	Individual Item
6.	Press <input type="text" value="#"/> to enter.	Coupon/Token Individual Item Enter Selection *- exit # - next
7.	Enter selection number.	Coupon Individual Item Enter Start Number XX *- exit # - next
8.	Press <input type="text" value="#"/> to enter.	Coupon Individual Item Enter Coupon #(1-5) or Token (6-10) X *- exit # - save
9.	Press <input type="text" value="1"/> for Coupon1 (Press corresponding number 2-5 for additional coupons or 6-10 for tokens).	Coupon Individual Item Enter Coupon/Token #(1-5)/(6-10) 1 *- exit # - save
10.	Enter Coupon Value.	Coupon Individual Item Enter Coupon Value # X.XX *- del # - save
11.	Press <input type="text" value="#"/> to save.	Coupon Individual Item Coupon/Token Assigned *- exit
12.	Press <input type="text" value="*"/> three times to exit.	

# DISCOUNT

This mode allows you to set a discounted price for selections in the machine.

## ALL ITEMS

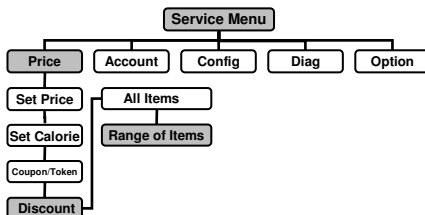
This menu allows you to set the discount on all items in the machine.



STEP	HIGHLIGHTED
1. Press Service Mode Button	
2. Press <input type="text" value="4"/> or <input type="text" value="6"/> until Price is highlighted.	Price
3. Press <input type="text" value="8"/> to highlight Cash Discount.	Discount
4. Press <input type="text" value="6"/> to highlight All Items.	All Items
5. Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
6. Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
7. Press <input type="text" value="#"/> to enter.	Discount All Selections Enter Schedule #(1-6) to Activate:  *- exit #- enter
8. Press <input type="text" value="1"/> for Schedule1 (Press corresponding number 2-6 for additional schedules).	Discount All Selections Enter Schedule #(1-6) to Activate: 1 *- exit #- enter
9. Press <input type="text" value="#"/> to enter.	Current Discount Assigned to Schedule X.XX
10. Enter the new discount amount.	Discount All Selections Enter Discount # X.XX *- del #- save
11. Press <input type="text" value="#"/> to save.	Discount All Selections Schedule Updated *- exit
12. Press <input type="text" value="*"/> three times to exit.	

## RANGE OF ITEMS

This menu allows you to set the cash discount on a range of items, such as an entire shelf in the machine.

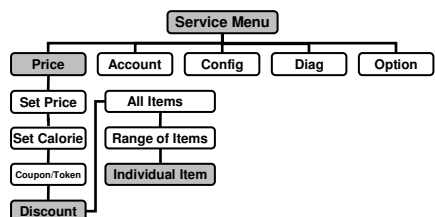



STEP	HIGHLIGHTED
1. Press Service Mode Button	

2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Price is highlighted.	Price
3.	Press <input type="text" value="8"/> to highlight Cash Discount.	Discount
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Range of Items.	Range of Items
6.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
7.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
8.	Press <input type="text" value="#"/> to enter.	Discount Range of Items Enter First Selection:  *- exit #- next
9.	Use the keypad to enter the first selection number.	Discount Range of Items Enter First Selection: XX *- exit #- next
10.	Press <input type="text" value="#"/> to enter.	Discount Range of Items Enter Last Selection:  *- del #- next
11.	Use the keypad to enter the last selection number.	Discount Range of Items Enter Last Selection: XX *- del #- next
12.	Press <input type="text" value="#"/> to enter.	Discount Range of Items Enter Schedule #(1-6) to Activate:  *- del #- save
13.	Press <input type="text" value="1"/> for Schedule1 (Press corresponding number 2-6 for additional schedules).	Discount Range of Items Enter Schedule #(1-6) to Activate: 1 *- del #- save
14.	Press <input type="text" value="#"/> to enter.	Current Discount Assigned to Schedule X.XX
15.	Enter the discount amount.	Discount Range of Items Enter Discount # X.XX *- exit #-save
16.	Press <input type="text" value="#"/> to save.	Discount Range of Items Schedule Updated *- exit
17.	Return to step 8 to enter the next range of items, or Press <input type="text" value="*"/> three times to exit.	

## INDIVIDUAL ITEM

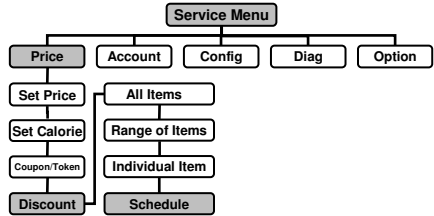
This menu allows you to set the cash discount on individual items.




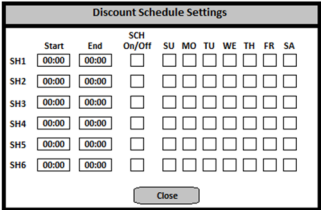
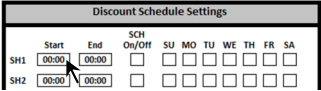
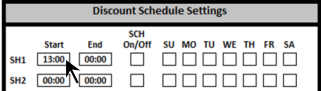
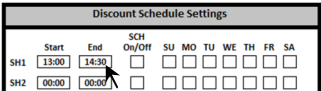
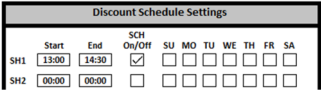
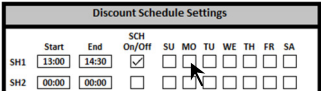
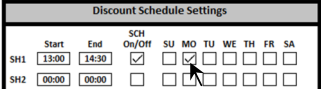
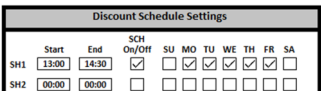
STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Price is highlighted.	Price
3.	Press <input type="text" value="8"/> to highlight Cash Discount.	Discount
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Individual Item.	Individual Item
6.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
7.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
8.	Press <input type="text" value="#"/> to enter.	Discount Individual Item Enter Selection:  *- exit #- next
9.	Enter the selection number.	Discount Individual Item Enter Selection: XX *- exit #- next
10.	Press <input type="text" value="#"/> to enter.	Discount Range of Items Enter Schedule #(1-6) to Activate:  *- exit #- save
11.	Press <input type="text" value="1"/> for Schedule1 (Press corresponding number 2-6 for additional schedules).	Discount Range of Items Enter Schedule #(1-6) to Activate: 1 *- exit #- save
12.	Press <input type="text" value="#"/> to enter.	Current Discount Assigned to Schedule X.XX
13.	Enter the discount amount.	Discount Range of Items Enter Discount # X.XX *- exit #-save
14.	Press <input type="text" value="#"/> to save.	Discount Range of Items Schedule Updated *- exit
15.	Return to step 8 to enter the selection, or Press <input type="text" value="*"/> three times to exit.	

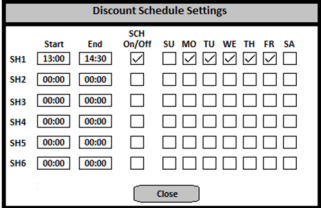
### DISCOUNT SCHEDULE

Use this mode to set the time and days that the cash discount will be in effect.



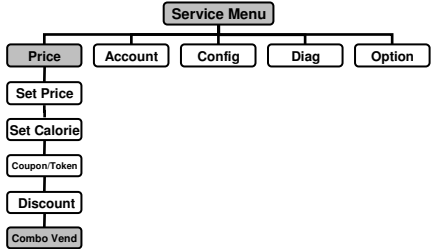
STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Price is highlighted.	Price


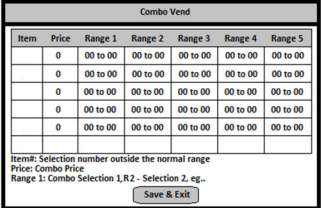
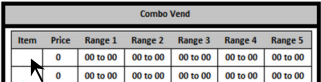
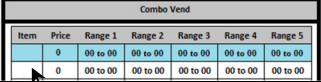
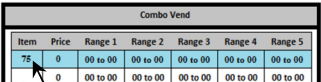
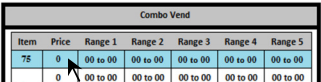
3.	Press <input type="text" value="8"/> to highlight Cash Discount.	Cash Discount
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight schedule.	Schedule
6.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
7.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
8.	Press <input type="text" value="#"/> to enter.	
9.	Press <input type="text" value="8"/> or <input type="text" value="2"/> to move the arrow to the start time field of the schedule you want to edit.	
10.	Press <input type="text" value="#"/> to enter.	
11.	Use the keypad to enter the start time (Using 24 hour military time). This is the time you want the discount to begin.	
12.	The arrow will automatically move to the end time after entering the start time.	
13.	Use the keypad to enter the end time (Using 24 hour military time). This is the time you want the discount to end and the machine to revert to normal pricing.	
14.	Press <input type="text" value="#"/> to enter.	
15.	After entering the end time the schedule will automatically be turned on.	
16.	You now need to designate which days of the week the discount will be active.	
17.	Press <input type="text" value="6"/> or <input type="text" value="4"/> to move the arrow to the day of the week you want the discount to be active.	
18.	Press <input type="text" value="#"/> to turn that day on.	
19.	Continue to use <input type="text" value="6"/> and <input type="text" value="#"/> to turn on any other days of the week you want the discount active.	

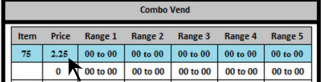
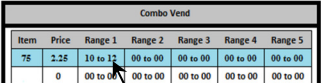
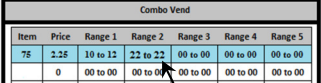
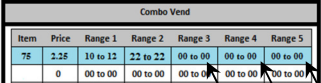
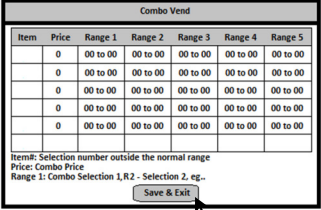
20.	Press <input type="text" value="*"/> then press <input type="text" value="8"/> or <input type="text" value="2"/> to move the arrow to Close then press <input type="text" value="#"/> to return to the Price menu.	
21	Press <input type="text" value="*"/> three times to exit.	

## COMBO VEND

This menu allows you to set multiple items to vend for one unassigned selection number and price.

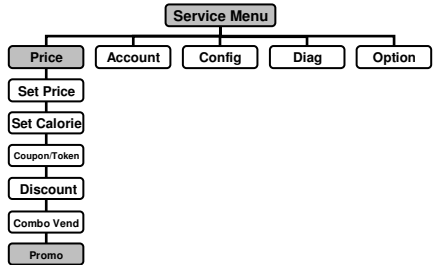



STEP	HIGHLIGHTED
1. Press Service Mode Button  .	
2. Press <input type="text" value="4"/> or <input type="text" value="6"/> until Price is highlighted.	Price
3. Press <input type="text" value="8"/> to highlight Combo Vend.	Combo Vend
4. Press <input type="text" value="#"/> to enter.	
5. Press <input type="text" value="8"/> or <input type="text" value="2"/> to move the arrow to the Item field.	
6. Press <input type="text" value="#"/> to enter. The row you are editing will be highlighted.	
7. Use the keypad to enter the Item number. Note: <b>This number must be a selection that is currently unassigned in the machine.</b>	
8. The arrow will automatically move to the price field.	

9.	Use the keypad to enter the desired price. <b>Note: This is the price the customer will pay to receive both items</b>	
10.	Press <input type="text" value="#"/> to enter.	
11.	Use the keypad to enter the first range of items available when the customer selects the combo. <b>Note: To offer a single selection for the Range you would enter the same selection number in the Range, 10 to 10 for example.</b>	
12.	Use the keypad to enter the 2 <sup>nd</sup> range of items available when the customer selects the combo.	
13.	Use the keypad to enter the selections for Range 3, 4 and 5 if necessary, or press <input type="text" value="*"/> to end the editing of the combo selection continue on to step 14 to save the combo selection.	
14.	Press <input type="text" value="8"/> or <input type="text" value="2"/> to move the arrow to save and exit.	
15.	Press <input type="text" value="#"/> to save and return to the service menu, or press the <input type="text" value="*"/> three times to exit without saving.	

## PROMO

This allows a free promotional product to be given to a customer in response to their purchase of another product.



STEP	HIGHLIGHTED
1.	Press Service Mode Button  .
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Price is highlighted.
3.	Press <input type="text" value="8"/> to highlight Promo Vend.

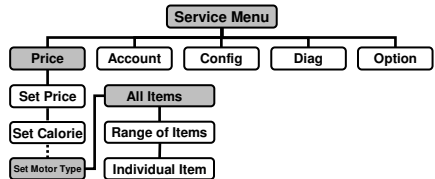
4.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
5.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
6.	Press <input type="text" value="#"/> to enter.	Promo Vend Enter Item Number *- exit # - next
7.	Enter the first item number.	Promo Vend Enter Item Number XX *- exit # - next
8.	Press <input type="text" value="#"/> to enter. <b>Note: The display will briefly show the current state of promo vend for the item entered.</b>	Promo Vend Enter 0 – OFF , 1 - ON *- exit # - save
9.	Press <input type="text" value="1"/> to turn on the promo vend or press <input type="text" value="0"/> to turn off a previously set promo.	Promo Vend Enter Coupon #(1-6) 1 *- exit # - save
10.	Use the keypad to enter the free promotional item number. <b>Note: This is the selection the customer will receive for free when they purchase the first selection.</b>	Promo Vend Enter Promo Selection XX *- exit # - next
11.	Press <input type="text" value="#"/> the screen will briefly show the promo selections and status.	Promo Vend XX to YY Promo Status ON *- exit
12.	Enter the next promo vend or Press <input type="text" value="*"/> three times to exit.	


## SET MOTOR TYPE

This mode allows you to designate the type of motor and sensor used for product dispensing.

### ALL ITEMS

This menu allows you to set all selections to have one type of motor sensor system.



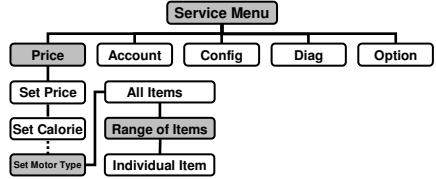
STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Set Motor Types is highlighted.	Set Motor Types
3.	Press <input type="text" value="6"/> to highlight All Items.	All Items
4.	Press <input type="text" value="#"/> to enter.	



5.	Number on the screen corresponding to type	Press the number on the screen as to the motor type in use. *- exit # - save
6.	Press <input type="text" value="#"/> to save.	
7.	Press <input type="text" value="*"/> three times to exit.	

### RANGE OF ITEMS

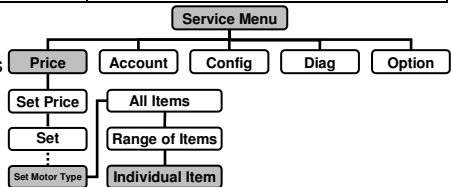
This menu allows you to set a range of items to have one type of motor sensor system.



STEP	HIGHLIGHTED
1. Press Service Mode Button <input type="button" value="M"/> .	
2. Press <input type="text" value="4"/> or <input type="text" value="6"/> until Set Motor Types is highlighted.	Set Motor Types
3. Press <input type="text" value="6"/> to highlight All Items.	All Items
4. Press <input type="text" value="8"/> to highlight Range of Items.	Range of Items
6. Press <input type="text" value="#"/> to enter.	Range of Items Enter First Selection *- exit # - next
7. Enter Item Start Number	Range of Items Enter Start Number XX *- exit # - next
8. Press <input type="text" value="#"/> to enter.	Range of Items Enter Last Selection XX *- del # - next
9. Enter the last selection	Range of Items Enter Last Selection XX *- del # - next
10. Number on the screen corresponding to type	Range of Items Press the number on the screen as to the motor type in use. *- exit # - save
11. Press <input type="text" value="#"/> to save.	Coupon Range of Items Coupon/Token Assigned *- exit
12. Press <input type="text" value="*"/> three times to exit.	

### INDIVIDUAL ITEM

This menu allows you to set individual items to have one type of motor sensor system.



STEP	HIGHLIGHTED
1. Press Service Mode Button <input type="button" value="M"/> .	

2.	Press <input type="text" value="8"/> to highlight Set Motor Types.	Set Motor Types
3.	Press <input type="text" value="6"/> to highlight All Items.	All Items
4.	Press <input type="text" value="8"/> to highlight Individual Item.	Individual Item
5.	Press <input type="text" value="#"/> to enter.	Individual Item Enter Selection *- exit # - next
6.	Enter selection number.	Individual Item Enter Selection Number XX *- exit # - next
7.	Number on the screen corresponding to type	Individual Item Press the number on the screen as to the motor type in use. *- exit # - save
8.	Press <input type="text" value="#"/> to save.	Individual Item *- exit # - save

## ACCOUNTING MENU

Use this menu to gain access to menus that display or reset data for various types of cash and vend totals. Counters 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.

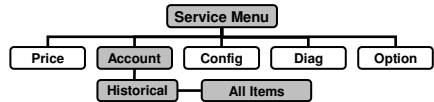
**Resettable totals:** These are totals since the last reset. These can be reset at any time.

**IMPORTANT NOTE:** Clearing by item or range will only clear the item or range entered.

### VIEW HISTORICAL ALL ITEMS

This menu displays the historical total sales value and total vend count for the entire machine.

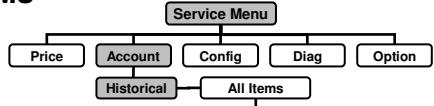
**Note:** This includes satellite machines.



STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Account is highlighted.	Account
3.	Press <input type="text" value="8"/> to highlight Historical.	Historical
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="#"/> to enter.	Historical Accounting All Items: 1. Total Vends: 2. Total Cash: 3. Total Card Vends: 4. Total Card Value: 5. Total 2 <sup>nd</sup> Attempts: 6. Total Bills: 7. Total Free Vends: 8. Total Cash in Tube
6.	Press <input type="text" value="*"/> one time to return to the Account menu or three times to exit.	

## VIEW HISTORICAL RANGE OF ITEMS

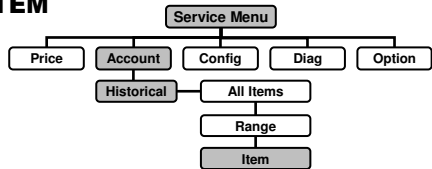
This menu displays the historical total sales value and total vend count for a range of items.



STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Account is highlighted.	Account
3.	Press <input type="text" value="8"/> to highlight Historical.	Historical
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Range.	Range
6.	Press <input type="text" value="#"/> to enter.	Range of Items: Enter Item Start Number  * - exit
7.	Use the keypad to enter the first selection number.	Range of Items: Enter Item Start Number  * - exit XX
8.	Press <input type="text" value="#"/> to enter.	Range of Items: Enter Last Item  * - del #- save
9.	Use the keypad to enter the last selection number.	Range of Items: Enter Last Item  * - del #- save XX
10.	Press <input type="text" value="#"/> to enter. The display briefly flashes the first and last item number then changes to the range of items accounting screen.	Accounting Range Items: 1. Total Vends: 2. Total Cash: 3. Total Card Vends: 4. Total Card Value: 5. Total 2nd Attempts: 6. Total Free Vends:
11.	Use the keypad to enter the next range of items then press <input type="text" value="#"/> to enter or Press <input type="text" value="*"/> one time to return to the Account menu or three times to exit.	

## VIEW HISTORICAL INDIVIDUAL ITEM

This menu displays the historical total sales value and total vend count by item.



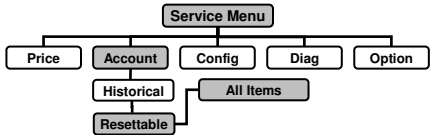
STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Account is highlighted.	Account

3.	Press <input type="text" value="8"/> to highlight Historical.	Historical
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Item.	Item
6.	Press <input type="text" value="#"/> to enter.	Individual Item: *- exit
7.	Use the keypad to enter the selection number.	Individual Item: XX
8.	Press <input type="text" value="#"/> to enter. The display will show the accounting for the item entered.	Accounting Individual Items 1. Total Vends: 2. Total Cash: 3. Total Card Vends: 4. Total Card Value: 5. Total 2nd Attempts: 6. Total Free Vends:
9.	Use the keypad to enter the next selection number you would like to view then press <input type="text" value="#"/> or Press <input type="text" value="*"/> one time to return to the Account menu or three times to exit.	

**VIEW RESETTABLE ALL ITEMS**

This menu displays the resettable total sales value and total vend count for the entire machine.

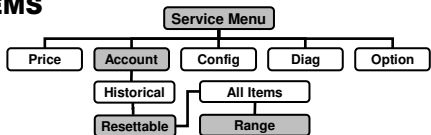
**Note: This includes satellite machines.**




STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Account is highlighted.	Account
3.	Press <input type="text" value="8"/> to highlight Resettable.	Resettable
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="#"/> to enter.	Resettable Accounting All Items: 1. Total Vends: 2. Total Cash: 3. Total Card Vends: 4. Total Card Value: 5. Total 2 <sup>nd</sup> Attempts: 6. Total Bills: 7. Total Free Vends:
6.	Press <input type="text" value="*"/> one time to return to the Account menu or three times to exit.	

**VIEW RESETTABLE RANGE OF ITEMS**

This menu displays the resettable total sales value and total vend count for a range of items.

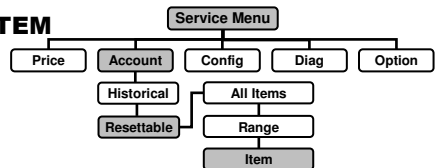



STEP	HIGHLIGHTED
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1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Account is highlighted.	Account
3.	Press <input type="text" value="8"/> to highlight Resettable.	Resettable
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Range.	Range
6.	Press <input type="text" value="#"/> to enter.	Resettable Acc. Range of Items: Enter First Selection  *- exit #- next
7.	Use the keypad to enter the first selection number.	Resettable Acc. Range of Items: Enter Item Start Number XX *- exit #- next
8.	Press <input type="text" value="#"/> to enter.	Resettable Acc. Range of Items: Enter Last Selection  *- del #- next
9.	Use the keypad to enter the last selection number.	Resettable Acc. Range of Items: Enter Last Item XX *- del #- next
10.	Press <input type="text" value="#"/> to enter. The display briefly flashes the first and last selection number then changes to the range of items accounting screen.	Resettable Acc. Range Items: 1. Total Vends: 2. Total Cash: 3. Total Card Vends: 4. Total Card Value: 5. Total 2nd Attempts: 6. Total Free Vends:
11.	Use the keypad to enter the next range of items then press <input type="text" value="#"/> to enter or Press <input type="text" value="*"/> one time to return to the Account menu or three times to exit.	

## VIEW RESETTABLE INDIVIDUAL ITEM

This menu displays the resettable total sales value and total vend count by item.

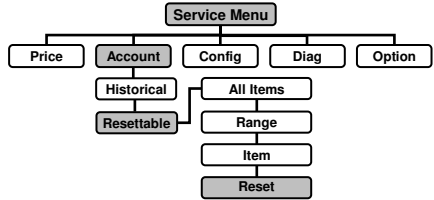


STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Account is highlighted.	Account
3.	Press <input type="text" value="8"/> to highlight Resettable.	Resettable
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Item.	Item
6.	Press <input type="text" value="#"/> to enter.	Resettable Acc. Individual Item:  *- exit #- next

7.	Use the keypad to enter the selection number.	Resettable Acc. Individual Item: XX *- exit #- next
8.	Press <input type="text" value="#"/> to enter. The display will show the accounting for the item entered.	Resettable Acc. Individual Items 1. Total Vends: 2. Total Cash: 3. Total Card Vends: 4. Total Card Value: 5. Total 2nd Attempts: 6. Total Free Vends:
9.	Use the keypad to enter the next selection number you would like to view then press <input type="text" value="#"/> or Press <input type="text" value="*"/> one time to return to the Account menu or three times to exit.	

**RESET**

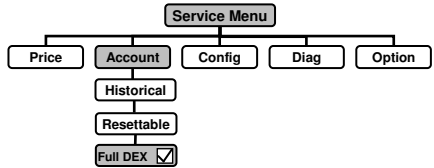
This menu allows you to reset the resettable counters.



STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Account is highlighted.	Account
3.	Press <input type="text" value="8"/> to highlight Resettable.	Resettable
4.	Press <input type="text" value="6"/> to highlight Reset.	Reset
5.	Press <input type="text" value="#"/> to enter.	Reset Interval Accounting: #- enter *- exit
6.	Display will change to Reset complete	Reset completed *- exit
7.	Press <input type="text" value="*"/> one time to return to the Account menu or three times to exit.	

**FULL DEX**

With the Full DEX feature turned OFF (no checkmark) the DEX download file is shortened to fields required for machine sales and active machine error messages to reduce the file size.

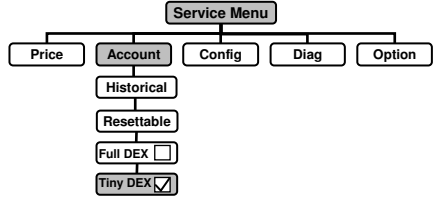


STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Account is highlighted.	Account
3.	Press <input type="text" value="8"/> to highlight Full DEX.	Full DEX

4.	Press <input type="text" value="#"/> to enter to turn off/on the Full DEX option. <b>Note: Check mark is on / unchecked is off.</b>	
5.	Press <input type="text" value="*"/> three times to exit.	

### TINY DEX

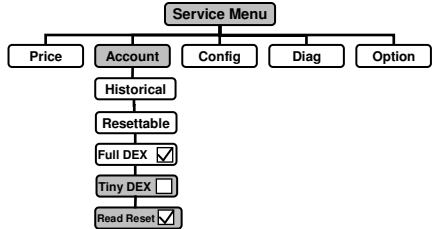
With the Tiny DEX feature turned ON (with checkmark) the DEX download file is set to only the fields required by card reader companies. This is the smallest possible DEX read.



STEP		HIGHLIGHTED
1.	Press Service Mode Button <input type="radio"/> .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Account is highlighted.	Account
3.	Press <input type="text" value="8"/> to highlight Full DEX.	Full DEX
4.	Press <input type="text" value="#"/> to enter to turn off/on the Full DEX option. <b>Note: Check mark is on / unchecked is off.</b>	
5.	Press <input type="text" value="*"/> three times to exit.	

### READ RESET

This option allows the operator to choose whether to reset the resettable totals after a successful DEX download.

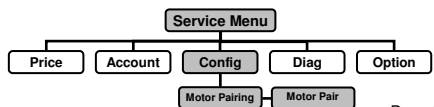


STEP		HIGHLIGHTED
1.	Press Service Mode Button <input type="radio"/> .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Account is highlighted.	Account
3.	Press <input type="text" value="8"/> to highlight Read Reset.	Read Reset
4.	Press <input type="text" value="#"/> to turn off/on the Read Reset option. <b>Note: Check mark is on / unchecked is off.</b>	
5.	Press <input type="text" value="*"/> three times to exit.	

## CONFIGURATION MENU


### MOTOR PAIRING

This function is so two adjacent motors, on the same shelf, can be run at the same time. This allows for wider items to be vended.



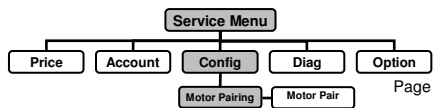
**Note: Only for use in spiral machines.**

**IMPORTANT NOTE:** The first motor is even, the 2<sup>nd</sup> motor must be odd. Motors 12 and 13 will turn together to vend the product. Motor 13 will need to be a motor that runs in the opposite direction from motor 12. Both motors have to be on same shelf.


STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3.	Press <input type="text" value="8"/> to highlight Motor Pairing.	Motor Pairing
4.	Press <input type="text" value="6"/> until Motor Pair is highlighted.	Motor Pair
5.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
6.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
7.	Press <input type="text" value="#"/> to enter, the current Motor Pairing status is displayed. <b>Note: A previously set pair will be shown as XX-YY where XX is the first motor and YY is the second motor in the pair.</b>	Current Motor Pairing Status 10-13, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38 40, 41, 42, 43, 44, 45, 46, 47, 48, 49 50, 51, 52, 53, 54, 55, 56, 57, 58, 59 60, 62, 64, 66, 68 Press any key to continue
8.	Press any key to continue.	MOTOR PAIRING: Enter First Selection:  *- exit To un-pair enter the same value for paired motor
9.	Use the keypad to enter the first selection number. <b>Note: to un-pair a previously set paired motor selection enter the same selection number into both the first and second motor fields.</b>	MOTOR PAIRING: Enter First Selection: XX *- exit
10.	Press <input type="text" value="#"/> to enter.	MOTOR PAIRING: Enter the 2 <sup>nd</sup> motor number  *- exit #- save
11.	Use the keypad to enter the last selection number.	MOTOR PAIRING: Enter the 2 <sup>nd</sup> motor number  Press <input type="text" value="#"/> to enter.
12.	Press <input type="text" value="#"/> to save.	Pair XX to YY  *- exit #- save
13.	Press <input type="text" value="#"/> to save.	Paired XX to YY
14.	Return to step 7 to enter the next paired motor selections, or Press <input type="text" value="*"/> three times to exit.	

**PAIR RESET**

This function is used to reset all previously set pairs at one time.





STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3.	Press <input type="text" value="8"/> to highlight Motor Pairing.	Motor Pairing
4.	Press <input type="text" value="6"/> until Motor Pair is highlighted.	Motor Pair
5.	Press <input type="text" value="8"/> to highlight Pair Reset.	Pair Reset
6.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
7.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
8.	Press <input type="text" value="#"/> to enter, the current Motor Pairing status is displayed. <b>Note: A previously set pair will be shown as XX-YY where XX is the first motor and YY is the second motor in the pair.</b>	Current Motor Pairing Status 10-13,14,16,18, 20,22,24,26,28, 30,32,34,36,38 40,41,42,43,44,45,46,47,48,49 50,51,52,53,54,55,56,57,58,59 60,62,64,66,68 Press any key to continue
9.	Press any key to continue.	MOTOR PAIRING: Pairing Reset In-Progress Please wait
10.	Press <input type="text" value="#"/> to enter.	MOTOR PAIRING: Pairing set to Default *- exit
11.	Press <input type="text" value="*"/> three times to exit.	

## SHUTDOWN-Engy

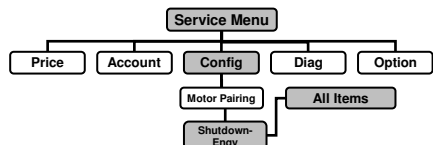
This option allows the controller to shut down a range of selections or the entire machine based on six (6) time-of-day intervals. If the time falls within one of these intervals and the entire machine has been selected for shutdown then the message “**VENDING OPERATION TO RESUME AT hh.mm**” is displayed.


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

**IMPORTANT NOTE:** The correct time and date **must** be set for the Shutdown to operate correctly.

## ALL ITEMS

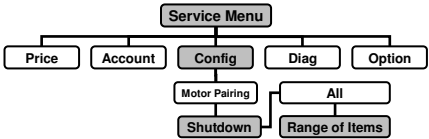
This menu allows you to set a shutdown for all selections in the machine at one time.




STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3.	Press <input type="text" value="8"/> to highlight Shutdown.	Shutdown
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
6.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
7.	Press <input type="text" value="#"/> to enter. <b>Note: After pressing enter the display will briefly show any previously set up shutdowns.</b>	Shutdown All Selections Enter Schedule #(1-6) to Activate:  *- exit #- enter
8.	Press <input type="text" value="1"/> for Schedule1 (Press corresponding number 2-6 for additional schedules).	Shutdown Schedule Assigned: *- exit
9.	Press <input type="text" value="*"/> one time to return to the Config menu or three times to exit.  <b>Note: In order for this shutdown to function you must set the times and choose the days of the week it will be active in the Shutdown Schedule menu (see page 24).</b>	

### RANGE OF ITEMS

This menu allows you to set the shutdown on a range of items, such as an entire shelf in the machine

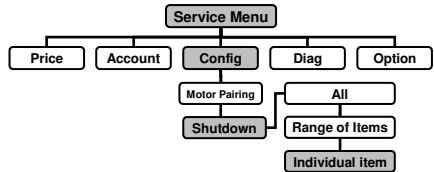



STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3.	Press <input type="text" value="8"/> to highlight Shutdown.	Shutdown
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Range of Items.	Range of Items
6.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
7.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit

8.	Press <input type="text" value="#"/> to enter. <b>Note: After pressing enter the display will briefly show any previously set up shutdowns.</b>	Shutdown Range of Items: Enter First Selection:  *- exit #- enter
9.	Use the keypad to enter the first selection number.	Shutdown Range of Items: Enter First Selection: XX *- exit #- enter
10.	Press <input type="text" value="#"/> to enter.	Shutdown Range of Items: Enter Last Selection:  *- del #- next
11.	Use the keypad to enter the last selection number.	Shutdown Range of Items: Enter Last Selection: XX *- del #- next
12.	Press <input type="text" value="#"/> to enter.	Shutdown Range of Items: Enter Schedule # (1-6) to Activate:  *- del #- save
13.	Press <input type="text" value="1"/> for Schedule1 (Press corresponding number 2-6 for additional schedules).	Shutdown Range of Items: Enter Schedule # (1-6) to Activate: X *- del #- save
14.	Press <input type="text" value="#"/> to save.	Shutdown Range of Items: Schedule Assigned:  *- exit
15.	Press <input type="text" value="*"/> one time to return to the Config menu or three times to exit. <b>Note: In order for this shutdown to function you must set the times and choose the days of the week it will be active in the Shutdown Schedule menu (see page 25).</b>	

### INDIVIDUAL ITEM

This menu allows you to set the shutdown by an individual item.

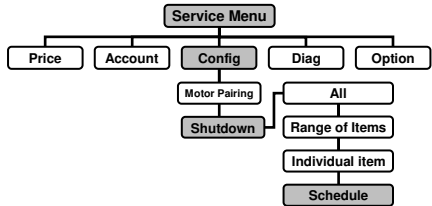



STEP	HIGHLIGHTED
1. Press Service Mode Button  .	
2. Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3. Press <input type="text" value="8"/> to highlight Shutdown.	Shutdown
4. Press <input type="text" value="6"/> to highlight All Items.	All Items
5. Press <input type="text" value="8"/> to highlight Individual Item.	Individual Item
6. Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit

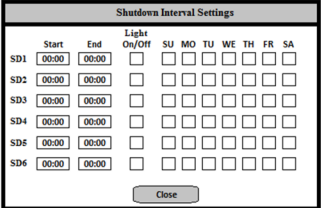
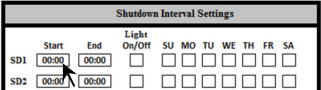
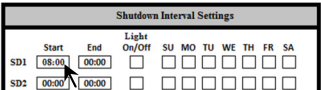
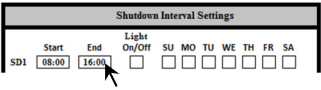
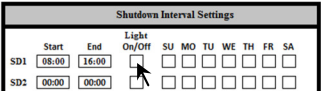
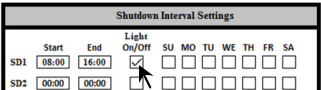
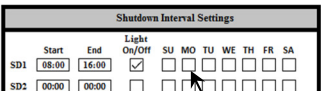
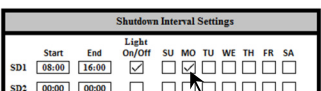
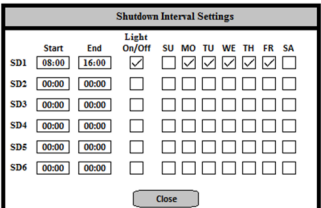
7.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
8.	Press <input type="text" value="#"/> to enter. <b>Note: After pressing enter the display will briefly show any previously set up shutdowns.</b>	Shutdown Individual Item: Enter Selection:  *- exit #-Next
9.	Use the keypad to enter the selection number.	Shutdown Individual Item: Enter Selection: XX *- exit #- enter
10.	Press <input type="text" value="#"/> to enter.	Shutdown Individual Item: Enter Schedule # (1-6) to Activate:  *- exit #- save
11.	Press <input type="text" value="1"/> for Schedule1 (Press corresponding number 2-6 for additional schedules).	Shutdown Individual Item: Enter Schedule # (1-6) to Activate: X *- del #- save
12.	Press <input type="text" value="#"/> to save.	Shutdown Individual Item: Schedule Assigned:  *- exit
13.	Press <input type="text" value="*"/> one time to return to the Config menu or three times to exit. <b>Note: In order for this shutdown to function you must set the times and choose the days of the week it will be active in the Shutdown Schedule menu (see page 25).</b>	

### SHUTDOWN SCHEDULE

This menu allows you to set the time of day and the days of the week the machine will be shutdown.



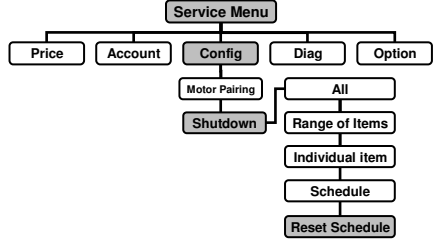
STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3.	Press <input type="text" value="8"/> to highlight Shutdown.	Shutdown
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight schedule.	Schedule
6.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
7.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit

8.	Press <input type="text" value="#"/> to enter.	
9.	Press <input type="text" value="8"/> or <input type="text" value="2"/> to move the arrow to the start time field of the schedule you want to edit.	
10.	Press <input type="text" value="#"/> to enter.	
11.	Use the keypad to enter the start time (Using 24 hour military time). This is the time you want the shutdown to begin.	
12.	The arrow will automatically move to the end time after entering the start time.	
13.	Use the keypad to enter the end time (Using 24 hour military time). This is the time you want the discount to end and the machine revert to normal pricing.	
14.	Press <input type="text" value="6"/> to move to the Light On/Off field.	
15.	This field allows you to turn the lights off when the shutdown is active. Press <input type="text" value="#"/> to turn on/off the lights. <b>Note: Check Mark = lights will turn off. No check mark = lights will stay on.</b>	
16.	Press <input type="text" value="6"/> or <input type="text" value="4"/> to move the arrow to the day of the week you want the shutdown to be active.	
17.	Press <input type="text" value="#"/> to turn that day on.	
18.	Continue to use <input type="text" value="6"/> and <input type="text" value="#"/> to turn on/off any the other days of the week.	

19.	Press <input type="text" value="*"/> then press <input type="text" value="8"/> or <input type="text" value="2"/> to move the arrow to Close, press <input type="text" value="#"/> to return to the Config menu.	
20.	Press <input type="text" value="*"/> three times to exit.	

### RESET SHUTDOWN SCHEDULE

Use this menu to reset all previously set shutdown schedules.



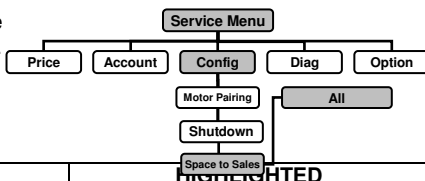
STEP	HIGHLIGHTED
1. Press Service Mode Button	
2. Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3. Press <input type="text" value="8"/> to highlight Shutdown.	Shutdown
4. Press <input type="text" value="6"/> to highlight All Items.	All Items
5. Press <input type="text" value="8"/> to highlight schedule.	Schedule
6. Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
7. Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
8. Press <input type="text" value="#"/> to enter. The display will scroll through the previously assigned schedules.	Reset Schedule Item: Enter Schedule #  *- exit #- next
9. Use the keypad to enter the Schedule number you want to reset.	Reset Schedule Item: Enter Schedule # XX *- exit #- next
10. Press <input type="text" value="#"/> to enter.	DB Update in Progress
11. Enter the next Schedule you would like to reset and press <input type="text" value="#"/> or Press <input type="text" value="*"/> one time to return to the Config menu or three times to exit.	


### SPACE TO SALES

Space to sales allows you to program two or more selections to operate as one in an alternating method i.e. each selection will vend in sequence in a FiFo fashion

## ALL ITEMS

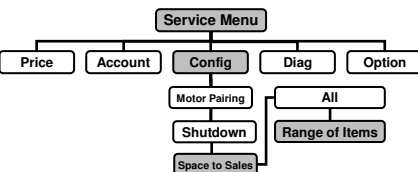
This menu allows you to set all selections in the machine to operate in a space to sales manner.




STEP	HIGHLIGHTED
1. Press Service Mode Button  .	
2. Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3. Press <input type="text" value="8"/> to highlight Space to Sales.	Space to Sales
4. Press <input type="text" value="6"/> to highlight All Items.	All Items
5. Press <input type="text" value="#"/> to enter.	Space To Sales All Selections: Enter Group Number  *- exit #-next
6. Use the keypad to enter the group number. <b>Note: The group number will be the first selection number in the STS group.</b>	Space To Sales All Selections: Enter Group Number XX *- exit #- next
7. Press <input type="text" value="#"/> to enter.	Space To Sales All Selections: XX *- exit #- save
8. Press <input type="text" value="#"/> to save.	Space to Sales All Selections Assigned to: # XX *- exit
9. Press <input type="text" value="*"/> one time to return to the Config menu or three times to exit.	

## RANGE OF ITEMS

This menu allows you to set a range of selections, such as an entire tray to operate in a space to sales manner.

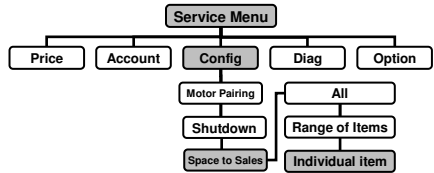



STEP	HIGHLIGHTED
1. Press Service Mode Button  .	
2. Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3. Press <input type="text" value="8"/> to highlight Space to Sales.	Space to Sales
4. Press <input type="text" value="6"/> to highlight All Items.	All Items
5. Press <input type="text" value="8"/> to highlight Range of Items.	Range of Items
6. Press <input type="text" value="#"/> to enter.	STS Range of Items: Enter Group Number  *- exit #-next

7.	Use the keypad to enter the group number. <b>Note: The group number will be the first selection number in the STS group.</b>	STS Range of Items: Enter Group Number XX *- exit #- next
8.	Press <input type="text" value="#"/> to enter.	STS Range of Items: Enter Last Selection  *- exit #- next
9.	Use the keypad to enter the last selection.	STS Range of Items: Enter Last Selection XX *- del #- save
10.	Press <input type="text" value="#"/> to save.	STS Range of Items: Assigned to: # XX *- exit
11.	Use the keypad to enter the next STS Group or Press <input type="text" value="*"/> one time to return to the Config menu or three times to exit.	

### INDIVIDUAL ITEM

This menu allows you to set individual items to operate in a space to sales manner.



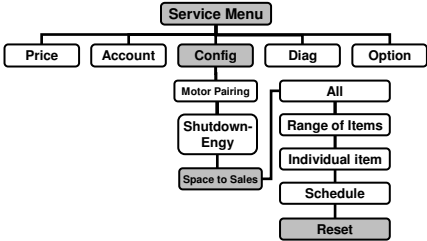
STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3.	Press <input type="text" value="8"/> to highlight Space to Sales.	Space to Sales
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Individual Item.	Individual Item
6.	Press <input type="text" value="#"/> to enter.	STS Individual Item: Enter Group Number  *- exit #-next
7.	Use the keypad to enter the group number. <b>Note: The group number will be the first selection number in the STS group.</b>	STS Individual Item: Enter Group Number XX *- exit #- next
8.	Press <input type="text" value="#"/> to enter.	STS Individual Item: Enter STS Selection  *- exit #- next



9.	Use the keypad to enter the STS selection.	STS Individual Item: Enter STS Selection XX *- del #- save
10.	Press <input type="text" value="#"/> to save.	Space to Sales All Selections Assigned to: # XX *- exit
11.	Use the keypad to enter the next STS selection, or Press <input type="text" value="*"/> one time to return to the Config menu or three times to exit.	

**RESET STS SCHEDULE**

This menu allows you to reset any previously set Space to Sales selection's back to their normal individual operation.

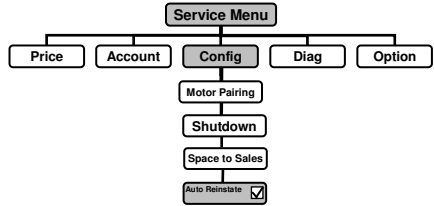


STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3.	Press <input type="text" value="8"/> to highlight Space to Sales.	Space to Sales
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Reset.	Reset
6.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
7.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
8.	Press <input type="text" value="#"/> to enter.	Reset STS: Enter Group Number  Removes Space To Sale from Selection *- exit #-next
9.	Use the keypad to enter the STS Group number to reset.	Reset STS: Enter Group Number XX Removes Space To Sale from Selection *- exit #-next
10.	Press <input type="text" value="#"/> to enter. Note: The display will show the STS selections you are resetting then switch to DB Update in Progress.	DB Update in Progress
11.	Enter the next STS Group you would like to reset and press <input type="text" value="#"/> or Press <input type="text" value="*"/> one time to return to the Config menu or three times to exit.	

## AUTO REINSTATE

Normally, when an empty selection is detected during an attempted vend, that selection is recorded as inoperative and requires resetting before it can be vended again.

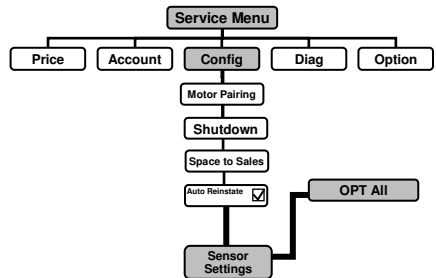
A selection reset with Auto-Reinstatement OFF (Box un-checked) requires a door switch to open or to go into the controller Service Mode. Programming the machine with **Auto-Reinstatement ON** (Box Checked) eliminates the necessity of manually resetting the controller after re-loading a selection that is in a **Sold Out** condition.



STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3.	Press <input type="text" value="8"/> to highlight Auto Reinstatement.	Auto Reinstatement <input checked="" type="checkbox"/>
4.	Press <input type="text" value="#"/> to turn ON/OFF. <b>On = Check mark.</b> <b>Off = No check mark.</b>	Auto Reinstatement <input checked="" type="checkbox"/>
5.	Press <input type="text" value="*"/> one time to return to the Config menu or three times to exit.	

## Sensor Settings

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



## ALL OPTICS

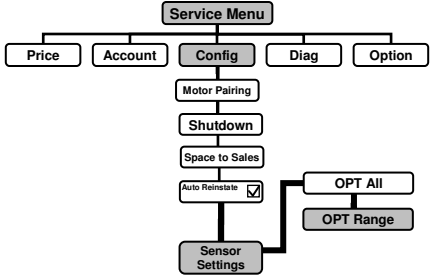
Use this menu to set the optics on/off for all items at the same time.

STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3.	Press <input type="text" value="8"/> to highlight Optical Vend.	Optical Vend
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="#"/> to enter. The Current setting is displayed.	All Items (Current Setting)  XX 3- edit *-next

6.	Press <input type="text" value="3"/> to turn On/Off.	All Items (New Setting)  XX Press 3 to toggle ON/OFF 3- edit *-next
7.	Press <input type="text" value="#"/> to save.	DB Update in Progress  Please wait
8.	Press <input type="text" value="*"/> one time to return to the Config menu or three times to exit.	All Items (New Setting)  XX Press 3 to toggle ON/OFF *- exit #- save

**RANGE OF OPTICS**

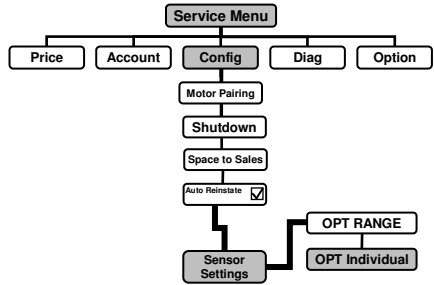
Use this menu to set the optics on/off for a range of items, such as an entire tray at the same time.




STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3.	Press <input type="text" value="8"/> to highlight Optical Vend.	Optical Vend
4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Range of Items.	Range of Items
6.	Press <input type="text" value="#"/> to enter.	Optical Vend Range of Items: Enter First Selection  *- exit #-next
7.	Use the keypad to enter the group number.	Optical Vend Range of Items: Enter First Selection XX *- exit #- next
8.	Press <input type="text" value="#"/> to enter.	Range of Items: Enter Last Selection  *- exit #- next
9.	Use the keypad to enter the last selection.	Range of Items: Enter Last Selection XX *- del #- save
10.	Press <input type="text" value="#"/> to save.	Range of Items: Assigned to: # XX *- exit
11.	Press <input type="text" value="*"/> one time to return to the Config menu or three times to exit.	

## INDIVIDUAL OPTICS

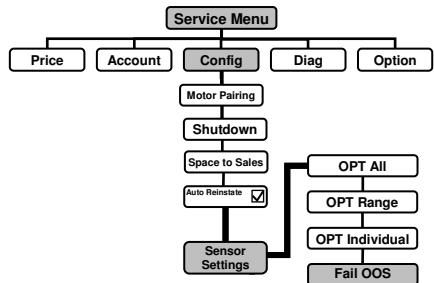
Use this menu to set the optics on/off for individual items.




STEP	HIGHLIGHTED
1. Press Service Mode Button  .	
2. Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3. Press <input type="text" value="8"/> to highlight Optical Vend.	Optical Vend
4. Press <input type="text" value="6"/> to highlight All Items.	All Items
5. Press <input type="text" value="8"/> to highlight Individual Item.	Individual Item
6. Press <input type="text" value="#"/> to enter.	Optical Vend Individual Item: Enter Selection  *- exit #-next
7. Use the keypad to enter the selection number.	Optical Vend Individual Item: Enter Selection XX *- exit #- next
8. Press <input type="text" value="#"/> to save.	Optical Vend Individual Item Assigned to: # XX *- exit
9. Use the keypad to enter the next Optical Vend selection, or Press <input type="text" value="*"/> one time to return to the Config menu or three times to exit.	

## FAIL OOS

When this option is turned on the entire machine will go out of service if the controller believes there is a problem with the iVend system.

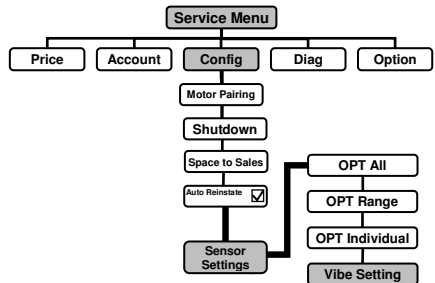



STEP	HIGHLIGHTED
1. Press Service Mode Button  .	
2. Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3. Press <input type="text" value="8"/> to highlight Optical Vend.	Optical Vend

4.	Press <input type="text" value="6"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Fail OOS.	Fail OOS
6.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
7.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
8.	Press <input type="text" value="#"/> to enter. The current state On/Off will be displayed.	Optical Sensor Fail Out Of Service (Current Setting)  XXX  3- edit *- exit
9.	Press <input type="text" value="3"/> to toggle On/Off.	Optical Sensor Fail Out Of Service (Current Setting)  XXX  Press 3 to toggle ON/OFF  *- exit #- save
10.	Press <input type="text" value="*"/> one time to return to the Config menu or three times to exit.	Optical Sensor Fail Out Of Service (Current Setting)  XXX  Press 3 to toggle ON/OFF  *- exit #- save

## VIBE SETTINGS

When this option is turned on the entire machine will go out of service if the controller believes there is a problem with the iVend system.

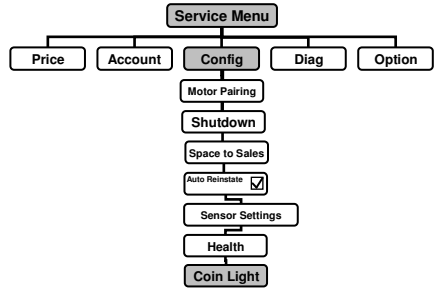



STEP	HIGHLIGHTED
1. Press Service Mode Button  .	
2. Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3. Press <input type="text" value="8"/> to highlight Optical Vend.	Sensor Setting
4. Press <input type="text" value="6"/> to highlight All Items.	All Items
5. Press <input type="text" value="8"/> to highlight Fail OOS.	Vibe Setting
6. Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit

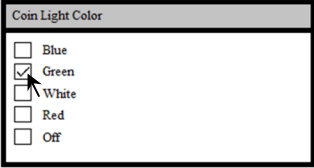
7.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
8.	Press <input type="text" value="#"/> to enter a different setting.	Vibration Call Setting  ###  *- exit #- next
9.	Press <input type="text" value="*"/> to exit.	Vibration Call Setting  XXX  Press 3 to toggle ON/OFF  *- exit #- save

### COIN LIGHT

Use this menu to change the color of the optional lighting around the user interface area.



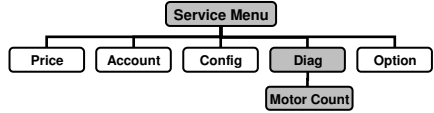
STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3.	Press <input type="text" value="8"/> to highlight Coin Light.	Coin Light
4.	Press <input type="text" value="#"/> to enter.	<div style="border: 1px solid black; padding: 5px;"> <p>Coin Light Color</p> <p><input type="checkbox"/> Blue</p> <p><input type="checkbox"/> Green</p> <p><input type="checkbox"/> White</p> <p><input type="checkbox"/> Red</p> <p><input type="checkbox"/> Off</p> </div>
5.	Press <input type="text" value="8"/> to move the arrow to the color you would like the Coin Light to be.	<div style="border: 1px solid black; padding: 5px;"> <p>Coin Light Color</p> <p><input type="checkbox"/> Blue</p> <p><input type="checkbox"/> Green</p> <p><input type="checkbox"/> White</p> <p><input type="checkbox"/> Red</p> <p><input type="checkbox"/> Off</p> </div>


6.	Press <input type="text" value="#"/> to select it (check mark). <b>Note: any previously selected color will automatically be turned off when you select a new color.</b>	
7.	Press <input type="text" value="*"/> one time to return to the Config menu or three times to exit.	

## DIAGNOSTIC MENU

### MOTOR COUNT

Use this menu to count and instate the motors in the machine.

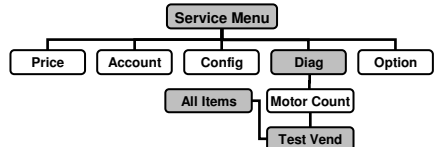


STEP	HIGHLIGHTED
1. Press Service Mode Button  .	
2. Press <input type="text" value="4"/> or <input type="text" value="6"/> until Diag is highlighted.	Diag
3. Press <input type="text" value="8"/> to highlight Motor Count.	Motor Count
4. Press <input type="text" value="#"/> to enter. The current Motor Count will be shown	Current Motor Count XX
5. The display will then show the Current Motor Status. The motors that are present in the machine will be green while the motors that are not in the machine will be grey.	10,11,12,13,14,15,16,17,18,19, 20,21,22,23,24,25,26,27,28,29, 30,31,32,33,34,35,36,37,38,39, 40,41,42,43,44,45,46,47,48,49, 50,51,52,53,54,55,56,57,58,59, 60,61,62,63,64,65,66,67,68,69,  # motor count *-exit
6. Press <input type="text" value="#"/> to run a new Motor Count.	Current Motor Count XX
7. The controller will count the motors, display DB update in progress then display the new motor count.	Motor Count XX Coin Return Motor Present *- Exit
8. Press <input type="text" value="*"/> one time to return to the Diag menu or three times to exit.	


## TEST VEND

### ALL ITEMS

Use this menu to test vend all motors in the machine. The selection number displays with the test vend. If a test vend attempt on a particular motor fails, the controller will beep 3 times\*.

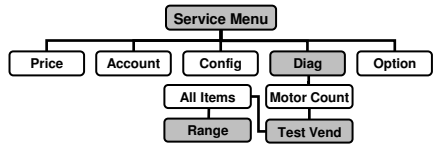


**\*The beeper must be turned on in the option menu.**


STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Diag is highlighted.	Diag
3.	Press <input type="text" value="8"/> to highlight Test Vend.	Test Vend
4.	Press <input type="text" value="4"/> to highlight All Items.	All Items
5.	Press <input type="text" value="#"/> to enter. The controller will run each motor in the machine starting with the left most motor on the top shelf.  <b>Note: Press <input type="text" value="*"/> at any time to stop the test and return to the Diag Menu.</b>	Test Vend All Selections Testing Selection # XX *- exit #- next
6.	Press <input type="text" value="*"/> one time to return to the Diag menu or three times to exit.	

**RANGE OF ITEMS**

Use this menu to test vend a range of motors. The selection number displays with the test vend. If a test vend attempt on a particular motor fails, the controller will beep 3 times\*.



**\* The beeper must be turned on in the option menu.**

STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Diag is highlighted.	Diag
3.	Press <input type="text" value="8"/> to highlight Test Vend.	Test Vend
4.	Press <input type="text" value="4"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Range.	Range
6.	Press <input type="text" value="#"/> to enter.	Test Vend Range of Items: Enter First Selection  *- exit #-next
7.	Use the keypad to enter the first selection to test.	Test Vend Range of Items: Enter First Selection XX *- exit #- next
8.	Press <input type="text" value="#"/> to enter.	Range of Items: Enter Last Selection  *- del #- save
9.	Use the keypad to enter the last selection to test.	Range of Items: Enter Last Selection XX *- del #- save

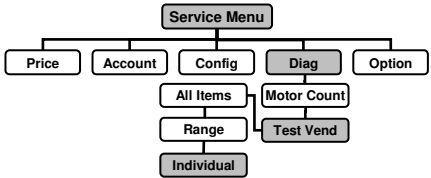



10.	Press <input type="text" value="#"/> to save.	Testing Selection # XX
11.	Press <input type="text" value="*"/> one time to return to the Diag menu or three times to exit.	

**INDIVIDUAL ITEM**

Use this menu to test vend individual motors. The selection number displays with the test vend. If a test vend attempt on a particular motor fails, the controller will beep 3 times\*.

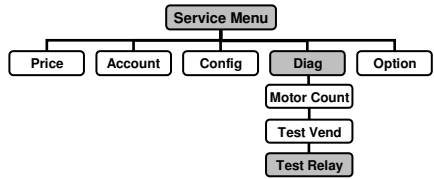
**\* The beeper must be turned on in the option menu.**




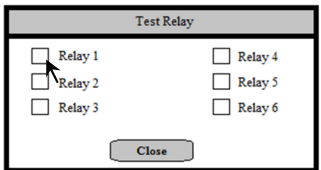
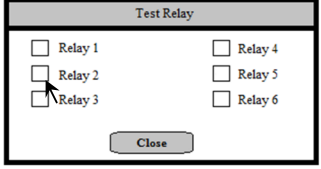
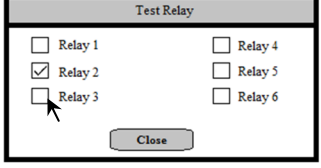
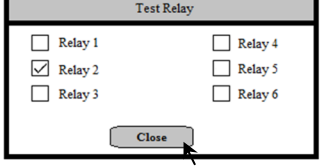
STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Diag is highlighted.	Diag
3.	Press <input type="text" value="8"/> to highlight Test Vend.	Test Vend
4.	Press <input type="text" value="4"/> to highlight All Items.	All Items
5.	Press <input type="text" value="8"/> to highlight Individual.	Individual
6.	Press <input type="text" value="#"/> to enter.	Test Vend Individual Item: Enter Selection  *- exit #-next
7.	Use the keypad to enter the selection to test.	Test Vend Range of Items: Enter First Selection XX *- exit #- next
8.	Press <input type="text" value="#"/> to test.	Testing Selection # XX
9.	Press <input type="text" value="*"/> one time to return to the Diag menu or three times to exit.	

# TEST RELAY

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



- Relay 1 – TBA
- Relay 2 – TBA
- Relay 3 – TBA
- Relay 4 – TBA
- Relay 5 – TBA
- Relay 6 – TBA

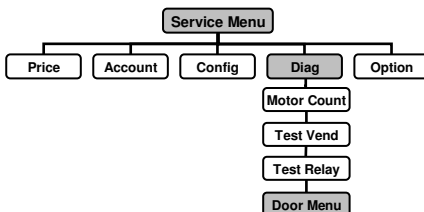
STEP	HIGHLIGHTED
1. Press Service Mode Button  .	
2. Press <input type="text" value="4"/> or <input type="text" value="6"/> until Diag is highlighted.	Diag
3. Press <input type="text" value="8"/> to highlight Test Relay.	Test Relay
4. Press <input type="text" value="#"/> to enter.	
5. Press <input type="text" value="2"/> or <input type="text" value="8"/> to move the arrow to the relay you would like to test.	
6. Press <input type="text" value="#"/> to turn the relay on/off. <b>Check mark = on</b> <b>No check mark = off</b>	
7. When finished testing the relays press <input type="text" value="2"/> or <input type="text" value="8"/> to move the arrow to close and press <input type="text" value="*"/> .	

# DOOR MENU

Use this menu to show errors, home motors or to alert you when the door is open.

## MOTOR HOMING

With this feature set to ON every time the door of the machine is opened all motors not in the home position will be moved to the home position. This feature requires the machine to have a door switch installed. To purchase a door switch assembly please contact Vendnet Parts by phone at 1-800-833-4411.


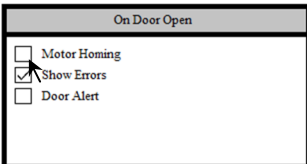
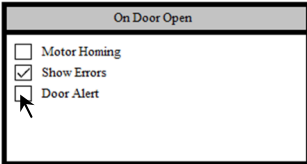
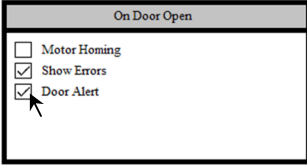


## SHOW ERRORS

With this feature set to ON every time the door of the machine is opened any errors present in the log will be shown on the display screen.

## DOOR ALERT

With this feature set to ON every time the door of the machine is left open for 30 minutes an alert will sound.

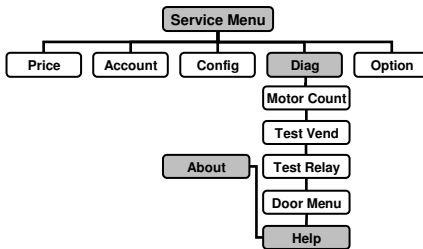
STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Diag is highlighted.	Diag
3.	Press <input type="text" value="8"/> to highlight Door Menu.	Door Menu
4.	Press <input type="text" value="#"/> to enter.	
5.	Press <input type="text" value="2"/> or <input type="text" value="8"/> to move the arrow to the option you would like to turn on/off.	
6.	Press <input type="text" value="#"/> to turn the option on/off. <b>Check mark = on</b> <b>No check mark = off</b>	
7.	Press <input type="text" value="*"/> one time to return to the Diag menu or three times to exit.	

# HELP MENU

Use this menu to find out the software version of the controller, set the Location and Asset number.

## ABOUT

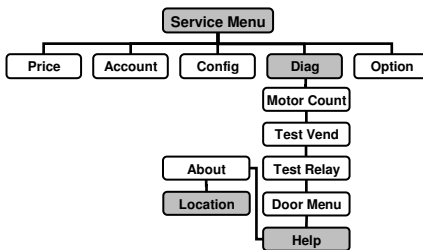
Use this menu to display the software version loaded on the controller.



STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Diag is highlighted.	Diag
3.	Press <input type="text" value="8"/> to highlight Help.	Help
4.	Press <input type="text" value="4"/> to highlight About.	About
5.	Press <input type="text" value="#"/> to enter. <b>Note: The information shown on your controller may be different than the example shown.</b>	<div style="border: 2px solid black; padding: 10px; text-align: center;"> <p>About Evoke Controller</p> <p>Evoke 1.0 Controller            SW Ver: 1183            WTN12345678912345678            Rev Date: July 19 4016 06:25:44            (c) 2015-2016 Witterm            www.witterm.com            3.5 inch Disp Model</p> </div>
6.	Press <input type="text" value="*"/> one time to return to the Diag menu or three times to exit.	

## LOCATION

Use this menu to set the location number.

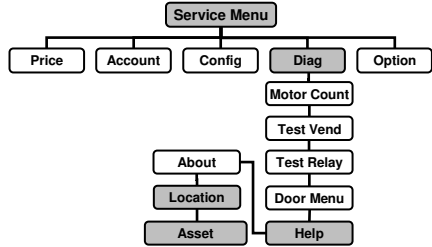



STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Diag is highlighted.	Diag
3.	Press <input type="text" value="8"/> to highlight Help.	Help
4.	Press <input type="text" value="4"/> to highlight About.	About
5.	Press <input type="text" value="8"/> to highlight Location.	Location

6.	Press <input type="text" value="#"/> to enter. The current Asset Location number is displayed.	Asset Location X *- exit #- edit
7.	Press <input type="text" value="#"/> to enter.	Enter Location Code: *- exit #- save
8.	Use the keypad to enter in the location id up to 30 digits.	Enter Location Code: XXXXX *- exit #- save
9.	Press <input type="text" value="#"/> to save.	Location Code: (New) XXXXX *- exit
10.	Press <input type="text" value="*"/> one time to return to the Diag menu or three times to exit.	

### ASSET NUMBER

Use this menu to set the Asset number of the machine.

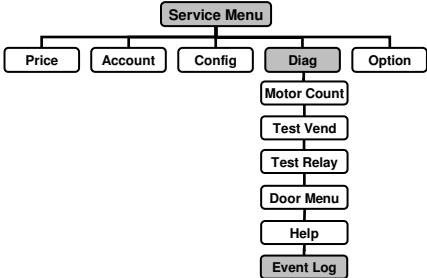


STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Diag is highlighted.	Diag
3.	Press <input type="text" value="8"/> to highlight Help.	Help
4.	Press <input type="text" value="4"/> to highlight About.	About
5.	Press <input type="text" value="8"/> to highlight Asset.	Asset
6.	Press <input type="text" value="#"/> to enter. The current Asset number is displayed.	Asset Number (Current) X *- exit #- edit
7.	Press <input type="text" value="#"/> to enter.	Enter Asset Number: *- exit #- save
8.	Use the keypad to enter the Asset number up to 20 digits.	Enter Asset Number: XXXXX *- exit #- save

9.	Press <input type="text" value="#"/> to save.	Asset Number: (New) XXXXX *- exit
10.	Press <input type="text" value="*"/> one time to return to the Diag menu or three times to exit.	

**EVENT LOG**

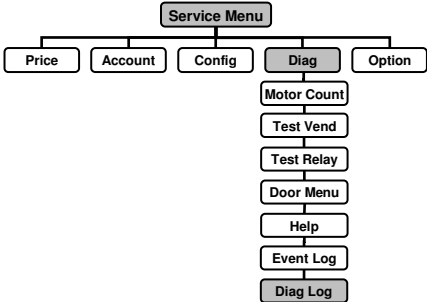
Use this menu to view the event log.



STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Diag is highlighted.	Diag
3.	Press <input type="text" value="8"/> to highlight Event Log.	Event Log
4.	Press <input type="text" value="#"/> to enter.	The last 50 events will be shown.
5.	Press <input type="text" value="8"/> or <input type="text" value="2"/> to scroll through the events.	
6.	Press <input type="text" value="*"/> one time to return to the Diag menu or three times to exit.	

**DIAG LOG**

Use this menu to view the Diagnostic log.



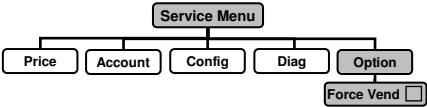
STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Diag is highlighted.	Diag
3.	Press <input type="text" value="8"/> to highlight Diag Log.	Diag Log
4.	Press <input type="text" value="#"/> to enter.	The last 50 events will be shown.


5.	Press <input type="text" value="8"/> or <input type="text" value="2"/> to scroll through the events.	
6.	Press <input type="text" value="*"/> one time to return to the Diag menu or three times to exit.	

## OPTION MENU

### FORCE VEND

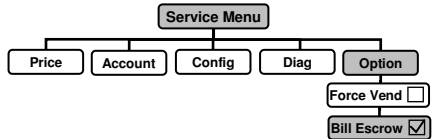
This option forces the customer to complete a purchase/take one vend once they have deposited money of any form.




STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Option is highlighted.	Option
3.	Press <input type="text" value="8"/> to highlight Force Vend.	Force Vend <input type="checkbox"/>
4.	Press <input type="text" value="#"/> to turn Force Vend ON/OFF. <b>On = Check mark.</b> <b>Off = No check mark.</b>	Force Vend <input checked="" type="checkbox"/>
5.	Press <input type="text" value="*"/> three times to exit.	

### BILL ESCROW

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



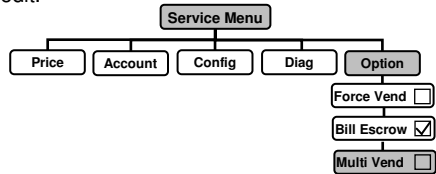
STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Option is highlighted.	Option
3.	Press <input type="text" value="8"/> to highlight Bill Escrow.	Bill Escrow <input type="checkbox"/>
4.	Press <input type="text" value="#"/> to turn Bill Escrow ON/OFF. <b>On = Check mark.</b> <b>Off = No check mark.</b>	Bill Escrow <input checked="" type="checkbox"/>
5.	Press <input type="text" value="*"/> three times to exit.	

## MULTI VEND

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

When this option is active, any credit remaining after a vend attempt is **not** automatically returned. At this point, the customer has the option of:

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



STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Option is highlighted.	Option
3.	Press <input type="text" value="8"/> to highlight Multi Vend.	Multi Vend <input type="checkbox"/>
4.	Press <input type="text" value="#"/> to turn Multi Vend ON/OFF. <b>On = Check mark.</b> <b>Off = No check mark.</b>	Multi Vend <input checked="" type="checkbox"/>
5.	Press <input type="text" value="*"/> three times to exit.	

## AUDIO

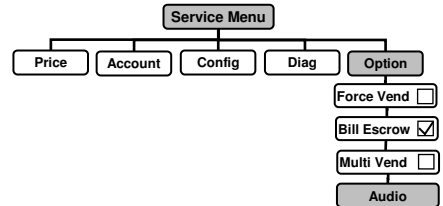
Use this option to control the beeper and the optional talker unit.

## BEEPER

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

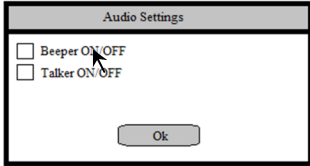
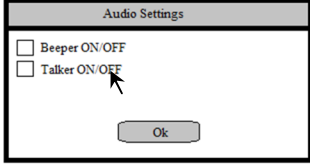
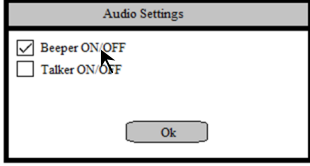
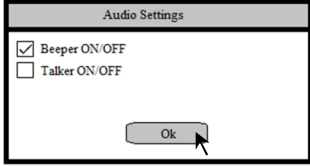
## TALKER

The optional talker assists the vision impaired to service the machine. A special device must be hooked up to the machine and this option must be turned on in order for it to work. To purchase a talker unit please contact Vendnet parts by phone at 1-800-833-4411.



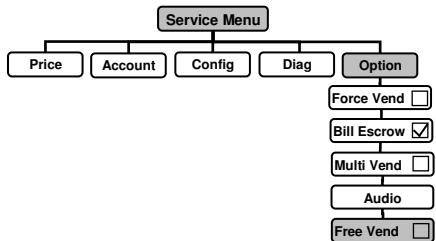
STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Option is highlighted.	Option
3.	Press <input type="text" value="8"/> to highlight Audio.	Audio




4.	Press <input type="text" value="#"/> to enter.	
5.	Press <input type="text" value="8"/> to move between Beeper and Talker.	
6.	Press <input type="text" value="#"/> to turn the option selected ON/Off. <b>Check mark = on</b> <b>No check mark = off</b>	
7.	Press <input type="text" value="8"/> to move arrow to OK to return to the Option menu.	
8.	Press <input type="text" value="*"/> three times to exit.	

## FREE VEND

This option allows you to set the **whole machine** to Free Vend. With Free Vend On, every product is vended at no cost, no money will be accepted and the message "FREE ON US" will be displayed when a selection is made.



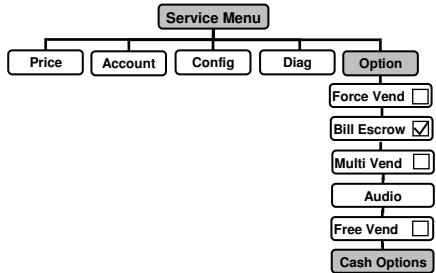
STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Option is highlighted.	Option
3.	Press <input type="text" value="8"/> to highlight Free Vend.	Free Vend <input type="checkbox"/>
4.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit

5.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
6.	Press <input type="text" value="#"/> to enter and turn Free Vend ON/OFF.  <b>On = Check mark.</b> <b>Off = No check mark.</b>	Free Vend <input checked="" type="checkbox"/>
7.	Press <input type="text" value="*"/> three times to exit.	

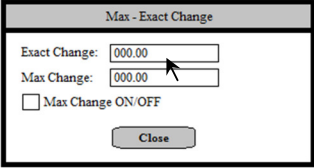
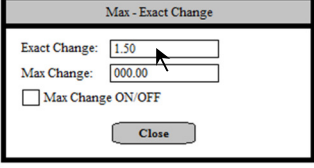
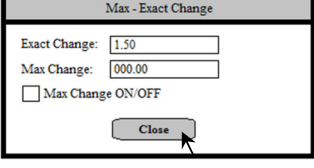
## Cash Options

### EXACT CHANGE

Sets the coin tube value that will trigger the display of the "Please Use Exact Change" message. Example: If Exact Change is set to \$5.00. The "Please Use Exact Change" message will come on when the total of change available (nickels, dimes and quarters) in the coin tubes is at or below \$5.00.

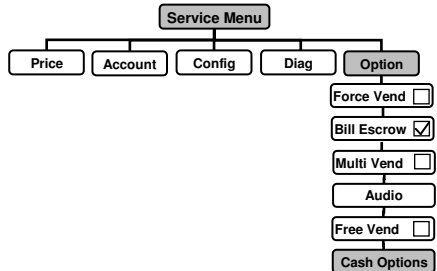



STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Option is highlighted.	Option
3.	Press <input type="text" value="8"/> to highlight Change (M/E).	Cash Options
4.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
5.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
6.	Press <input type="text" value="#"/> to enter.	
7.	The arrow should be on Exact Change, if not press <input type="text" value="8"/> to move the arrow to Exact Change.	

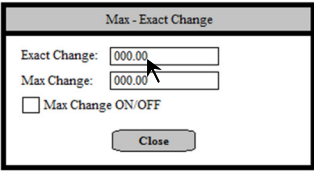
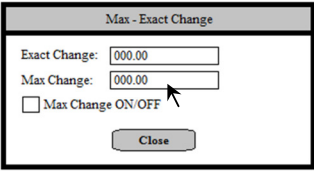
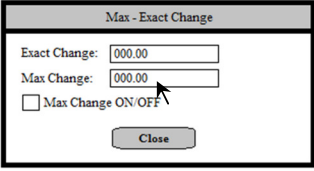
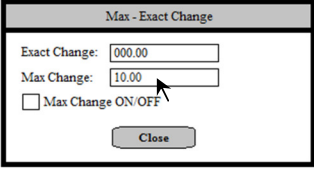
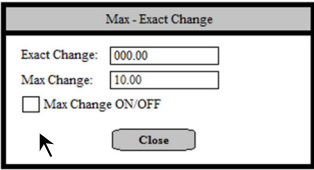
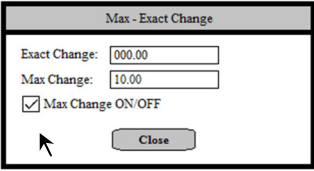
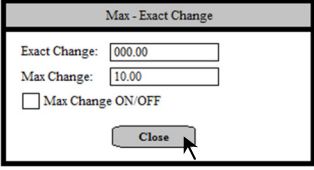
8.	Press <input type="text" value="#"/> to enter.	
9.	Use the keypad to enter the Exact Change amount.	
10.	Press <input type="text" value="#"/> to enter.	
11.	Press <input type="text" value="8"/> to move the arrow to close, and press <input type="text" value="#"/> to save and return to the Option menu.	
12.	Press <input type="text" value="*"/> three times to exit.	

## MAXIMUM CHANGE

This option prevents 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	HIGHLIGHTED
1. Press Service Mode Button  .	
2. Press <input type="text" value="4"/> or <input type="text" value="6"/> until Option is highlighted.	Option
3. Press <input type="text" value="8"/> to highlight Change (M/E).	Cash Options
4. Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
5. Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit

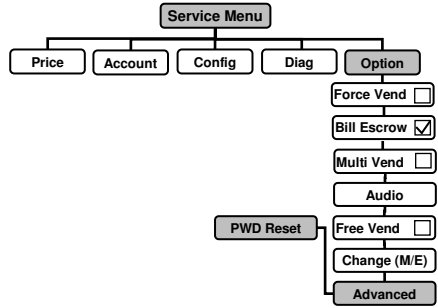
6.	Press <input type="text" value="#"/> to enter.	
7.	Press <input type="text" value="8"/> to move the arrow to Max Change.	
8.	Press <input type="text" value="#"/> to enter.	
9.	Use the keypad to enter the Max Change amount.	
10.	Press <input type="text" value="#"/> to enter.	
11.	Press <input type="text" value="8"/> to move the arrow to the Max Change ON/Off field.	
12.	Press <input type="text" value="#"/> to turn the Max Change ON/OFF. <b>On = Check mark.</b> <b>Off = No check mark.</b>	
13.	Press <input type="text" value="8"/> to move the arrow to close, press <input type="text" value="#"/> to save and return to the Option menu.	
14.	Press <input type="text" value="*"/> three times to exit.	


# ADVANCED

## PASSWORD RESET

Use this menu to change the password.

**Note: default password is 2314.**



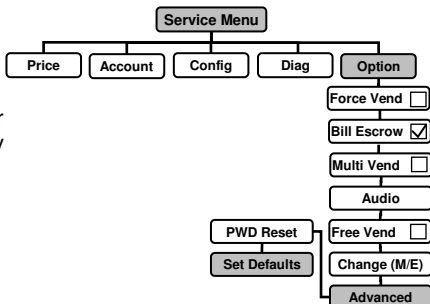
STEP	HIGHLIGHTED
1. Press Service Mode Button  .	
2. Press <input type="text" value="4"/> or <input type="text" value="6"/> until Option is highlighted.	Option
3. Press <input type="text" value="8"/> to highlight Advanced	Advanced
4. Press <input type="text" value="4"/> to highlight Password Reset.	PWD Reset
5. Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
6. Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
7. Press <input type="text" value="#"/> to enter.	Password Change Mode Enter New Password
8. Use the keypad to enter the new password,	Enter Password <input type="text" value="XXXX"/>
9. Press <input type="text" value="#"/> to save the new password.	New Password is set to  XXXX *- exit
10. Press <input type="text" value="*"/> one time to return to the Option menu or three times to exit.	

## SET DEFAULTS

Use these steps to reset the defaults.

### IMPORTANT NOTE:

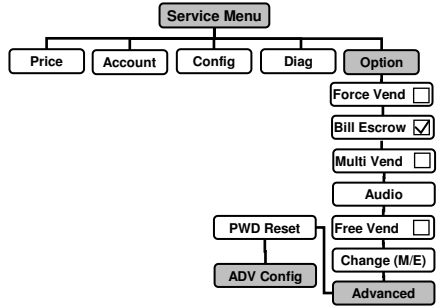
If you have previously changed your password, this will reset it back to the factory default of 2314




STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Option is highlighted.	Option
3.	Press <input type="text" value="8"/> to highlight Advanced	Advanced
4.	Press <input type="text" value="4"/> to highlight Password Reset.	PWD Reset
5.	Press <input type="text" value="8"/> to highlight Set Defaults	Set Defaults
6.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
7.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
8.	Press <input type="text" value="#"/> to enter.	System Restore Mode: All database will be deleted *- exit #- next
9.	Press <input type="text" value="#"/> to enter.	System Restore in Progress Please Wait
10.	When complete screen will change to.	System reset to default state *- exit
11.	Press <input type="text" value="*"/> one time to return to the Option menu or three times to exit.	

# ADVANCED CONFIGURATION

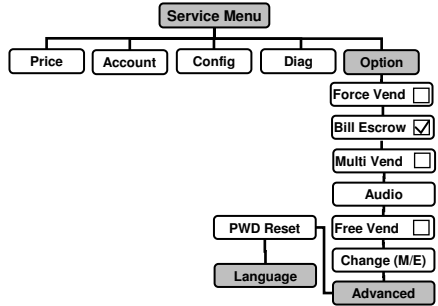
Use these steps access advanced features.




STEP		HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Option is highlighted.	Option
3.	Press <input type="text" value="8"/> to highlight Advanced	Advanced
4.	Press <input type="text" value="4"/> to highlight Password Reset.	ADV Config
5.	Press <input type="text" value="8"/> to highlight Set Defaults	Set Defaults
6.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
7.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
8.	Choose Preferred Selection digit #	Selection Digit # <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 Display Off <input type="checkbox"/> Promo <input type="checkbox"/> Coin/Cash
9.	Change other settings if needed.	
10.	Press <input type="text" value="*"/> one time to return to the Option menu or three times to exit.	

# LANGUAGE

Use these steps to change language.

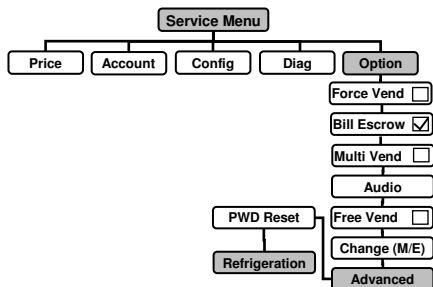



	STEP	HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Option is highlighted.	Option
3.	Press <input type="text" value="8"/> to highlight Advanced	Advanced
4.	Press <input type="text" value="4"/> to highlight Password Reset.	PWD Reset
5.	Press <input type="text" value="8"/> to highlight Set Defaults	Language
6.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
7.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
8.	Choose Preferred Language	English - NA English - UK Spanish – Castillian Spanish – Latin American French – Canadian ...
10.	Press <input type="text" value="*"/> one time to return to the Option menu or three times to exit.	



# REFRIGERATION

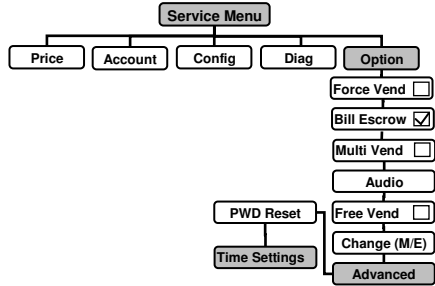
Use these steps to change refrigeration settings.



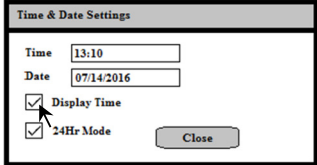
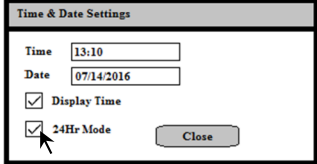
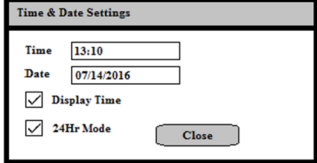

STEP	HIGHLIGHTED
1. Press Service Mode Button  .	
2. Press <input type="text" value="4"/> or <input type="text" value="6"/> until Option is highlighted.	Option
3. Press <input type="text" value="8"/> to highlight Advanced	Advanced
4. Press <input type="text" value="4"/> to highlight Password Reset.	PWD Reset
5. Press <input type="text" value="8"/> to highlight Set Defaults	Refrigeration
6. Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
7. Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
8. Customize cooler settings.	Cold Cold Food SZ Cold Food      [ ] Ambient DZ Cold Food      [ ] C/F SZ Frozen           UZ Temp [ 99 ] DZ Frozen           Temp [99]
10. Press <input type="text" value="*"/> one time to return to the Option menu or three times to exit.	

# TIME SETTINGS

Use this menu to set the time and date.

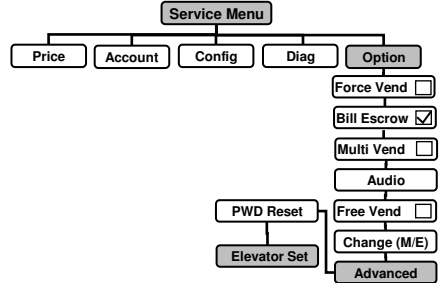



STEP		HIGHLIGHTED
1.	Press Service Mode Button	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Config is highlighted.	Config
3.	Press <input type="text" value="8"/> to highlight Time Settings.	Time Settings
4.	Press <input type="text" value="#"/> to enter.	
5.	Press <input type="text" value="#"/> to highlight the time field. <b>Note: Time settings are in 24 hour military time.</b>	
6.	Use the keypad to enter in the hours and minutes, using 24 hour military time.	
7.	Press <input type="text" value="#"/> to save the new setting. The arrow will automatically move to the date field.	
8.	Press <input type="text" value="#"/> to highlight the date field.	
9.	Use the keypad to enter in the month, day and year.	
10.	Press <input type="text" value="#"/> to save the new setting. The arrow will move to the Display Time box.	

11.	Press <input type="text" value="#"/> to turn On/Off the Display Time feature. <b>Box checked = On, the time will be displayed while in the operate mode.</b> <b>Box Unchecked = Off, the time will not be displayed while in the operating mode.</b>	
12.	Press <input type="text" value="8"/> to move the arrow to the 24Hr mode box.	
13.	Press <input type="text" value="#"/> to turn On/Off the 24Hr mode. <b>Box checked = On, the time will be set and displayed in the 24 hour military time format.</b> <b>Box Unchecked = Off, the time will be set in the 12 hour AM/PM time format.</b>	
14.	Press <input type="text" value="8"/> to move to move to close and Press <input type="text" value="#"/> to return to the Config menu. Press <input type="text" value="*"/> three times to exit.	

## ELEVATOR

Use these steps to change Elevator settings.



	STEP	HIGHLIGHTED
1.	Press Service Mode Button  .	
2.	Press <input type="text" value="4"/> or <input type="text" value="6"/> until Option is highlighted.	Option
3.	Press <input type="text" value="8"/> to highlight Advanced	Advanced
4.	Press <input type="text" value="4"/> to highlight Password Reset.	PWD Reset

5.	Press <input type="text" value="8"/> to highlight Set Defaults	Elevator Set
6.	Press <input type="text" value="#"/> to enter.	Enter Password Password **** #- Enter *- Exit
7.	Enter the password. (default password is 2314)	Enter Password Password 2314 #- Enter *- Exit
8.	Customize Elevator settings.	<input type="checkbox"/> Enable/Disable RESET                      BAFFLE OUT STANDBY                      BAFFLE IN PARK VEND Go To Tray# [ ### ]
10.	Press <input type="text" value="*"/> one time to return to the Option menu or three times to exit.	

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