

COFFEE POD VENDOR

MODEL 3596 / 3596A

SERVICE MANUAL

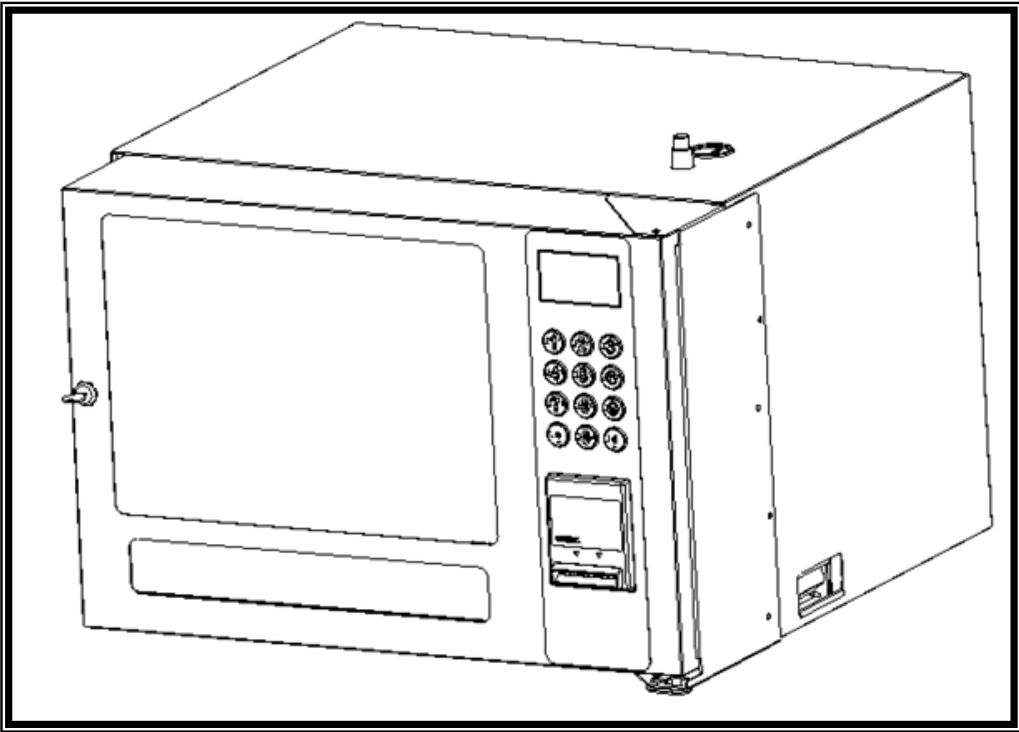


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The Model and Serial numbers are needed for you to obtain quick service and parts information for your vendor. The numbers are given on the identification plate located on the back of the vendor. Write them into the spaces below for your records.

MODEL NUMBER: _____

SERIAL NUMBER: _____

Parts/Technical Support and Manuals may be found at <http://www.vendnetusa.com/>

If you have questions concerning the information in the manual, replacement parts, or the operation of the vendor, note your machine's Model and Serial Numbers before contacting:

VendNet™
 165 North 10th Street
 Waukee, Iowa 50263 - USA
 Parts: (888) 259-9965
 Service: (800) 833-4411
 Parts Fax: 515-274-0246
 All Other: (888) 836-3638
 E-Mail: Vendnet@vendnetusa.com

INTRODUCTION

This manual contains instructions, service and installation guidelines for the **Coffee Pod Vendor**. The **Coffee Pod Vendor** is capable of dispensing a wide variety of products ... primarily coffee pods or sachets.

The **Coffee Pod Vendor** is equipped with an electronic control system. All vending functions, pricing, and features are programmed through the control system. Changes can be made without any additional accessories or remote parts.

Selections can be vended for FREE or priced individually from \$.05 to \$655.35 in five cent increments (US currency).

Accountability mode records Total Cash and Credit transactions and Total Vend cycles performed by the vendor. Information for individual selections, complete rows or total vendor can be compiled and used for inventory and ordering records.

Control System malfunctions are recorded and displayed when the vendor is placed in Service Mode. Non-functioning motors or selections are indicated. Each selection has an individual motor. When one selection motor fails the other selections are unaffected and will continue working.

The vending sequence is "first-in, first-out" for each selection, eliminating the need for stock rotation to ensure product freshness.

Read this manual thoroughly. Become familiar with the vendor's components and features. The initial setup of a vendor is a very important step towards insuring that the equipment operates trouble-free. Carefully follow the instructions for the initial installation of the vendor to avoid service problems and minimize setup time.

1. The machine is only to be installed in locations where its installation and maintenance can be overseen by trained personnel.
2. Consult local, state, and federal codes and regulations before installing the machine.
3. In cases where there is no fuse in the plug of the power cord, the primary over-current electrical protection is provided by the building's power distribution board/circuit protection.
4. Before connecting the machine, the integrity of the main electrical supply must be checked for correct polarity, presence of ground (earth) and correct voltage. These checks should be repeated at six-month intervals with the routine safety electrical testing of the machine itself. If the receptacle is not properly grounded or polarized, contact a licensed electrician to correctly polarize and/or ground the receptacle to ensure safe operation.
5. If the power supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified individual in order to avoid hazard.
6. This machine is not intended for use by young children or the infirm unless aided or supervised by an adult or an able-bodied person.
7. This machine must be level for proper operation and cabinet to door alignment.
8. This machine is designed to dispense pre-packaged products for hygiene & safety purposes and no surfaces should ever come into direct contact with food to be consumed.
9. Location:
 - a. Suitable for Indoor Use ONLY
 - b. Not suitable for installation in an area where a water jet could be used
 - c. Recommended Operating Temperature Range: 40° and 110° F (4° and 43° Celsius)
10. Produces less than 70 DBA during normal operation.
11. The electronic system components in this machine utilize static sensitive components. Precautions for handling sensitive devices should be observed when handling these items.
12. Access to the Control System area is restricted to persons having knowledge and practical experience of the machine or similar equipment. Care must be taken to turn off all internal power when servicing the unit.
13. The door is designed to be tamper "resistant", it is not designed to be tamper "proof". Given the right tools (e.g., hacksaws, crowbars, bolt cutters, etc.) anyone can break into just about anything.
14. Security considerations should be evaluated on a case-by-case basis by the device operator.
15. The manufacturer makes no representation about the appropriateness of siting at any particular location.
16. Device operators should determine whether site-specific security measures (such as additional security systems, alarms, enclosures, cameras, etc.) are appropriate and, if so, implement them at their own discretion and at their own expense.

SPECIFICATIONS

DIMENSIONS

Width	26.3 inches (668 mm)
Height	17.6 inches (447 mm)
Depth	23.8 inches (605 mm)
Weight / Shipping Weight	137 lbs. (62kg) / 155 lbs. (70kg)
Window Size (TEMPERED GLASS ONLY)	12.5" X 16.7" X 0.12" Thick (317 mm X 424 mm X 3 mm)

STANDARD TRAY CONFIGURATION (MAY VARY)

Trays	4
Total Selections	16
Standard Capacity (may vary)	256 (K Cups)

ELECTRICAL

Voltage	120 VAC	240 VAC
Cycle	60 Hz	50 Hz
Amperage	1.2A/140W	0.6A/140W
Transformer	120 VAC to 24 VAC	240 VAC to 24 VAC

COINAGE (NOTE: DOLLAR BILL VALIDATOR AND/OR CARD READER IS OPTIONAL)

MDB Version	Industry Standard MDB Coin Mechanisms, Bill Validators and Card Readers (OPTIONALLY EQUIPPED)
International	
Domestic	

VENDOR SET UP

UNPACKING

This vendor was thoroughly inspected before leaving the factory and the delivering carrier has accepted responsibility for this vendor. Note any damage or irregularities at the time of delivery and report them to the carrier. Request a written inspection report from the claims inspector to file any claim for damage. File the claim with the carrier (not the manufacturer) within 15 days after receipt of the vendor.

NOTE: If the power supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified individual in order to avoid hazard.

INSTALLATION

Position the vendor in its place of operation. Be sure all machine feet are supported ... including the front door hinge foot. Position the vendor so the power cord easily reaches the power outlet or receptacle (DO NOT USE AN EXTENSION CORD). Retrieve the vendor keys from the coin return cup. Check that the door will open fully without interference.

GROUNDING (EARTHING) & ELECTRICAL

NOTE: SEE SAFETY MANUAL

Consult local, state, and federal codes and regulations before installing the vendor.

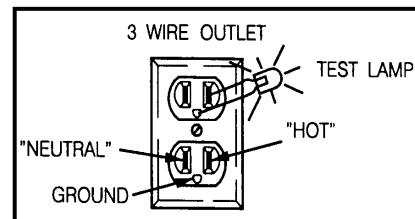
Refer to the Safety Installation Guidelines document shipped with your vendor.

Before connecting the vendor, the integrity of the main electrical supply must be checked for correct polarity, presence of ground (earth) and correct voltage. These checks should be repeated at six-month intervals with the routine safety electrical testing of the vendor itself.

If the receptacle is not properly grounded or polarized, contact a licensed electrician to correctly polarize and/or ground the receptacle to ensure safe operation.

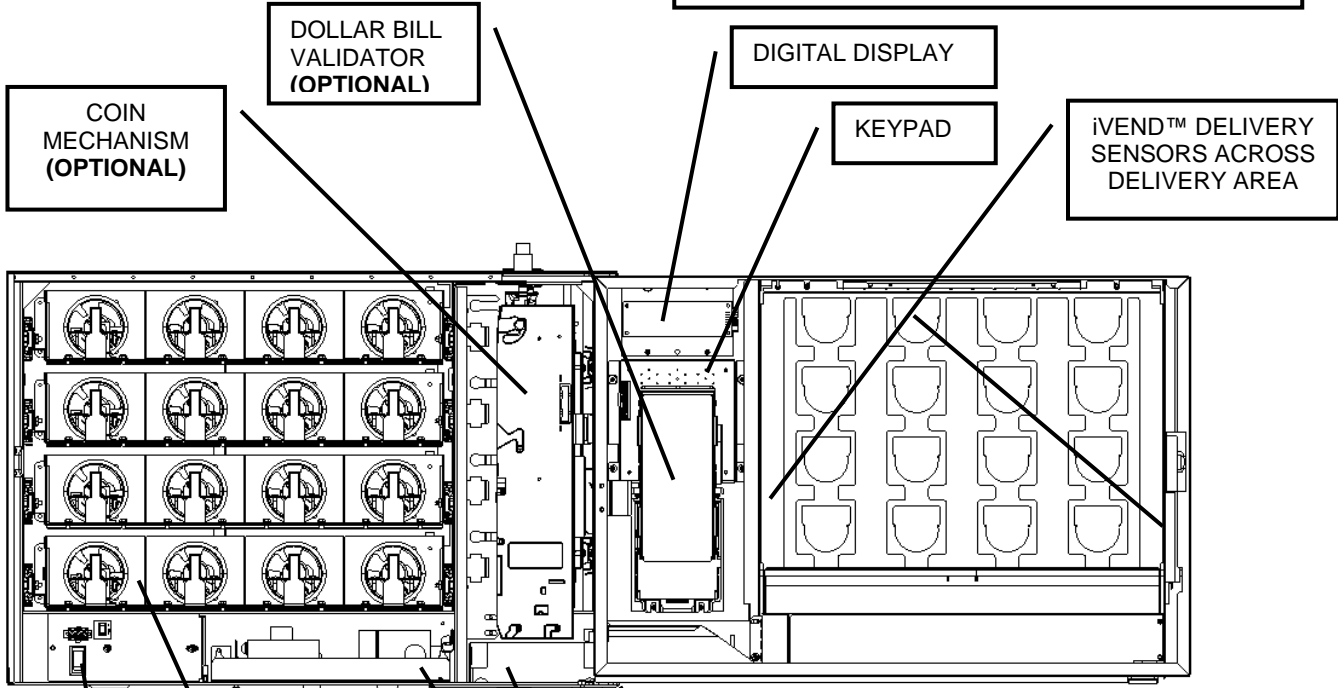
For proper operation of any equipment utilizing electronically controlled components, the equipment should be placed on an isolated, or dedicated, noise-free circuit properly polarized and grounded. Use of a surge suppressor is recommended for locations where electrical noise is present.

After all set up has been completed, turn on the Power Switch (see Component Locations diagram later in manual).



COMPONENT LOCATIONS

INSIDE VIEW - DOOR SHOWN OPEN



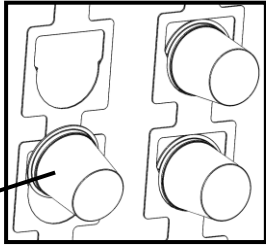
TRAYS –
SEE PAGE 8

POWER SWITCH -
TURN OFF POWER
WHEN SERVICING
VENDOR

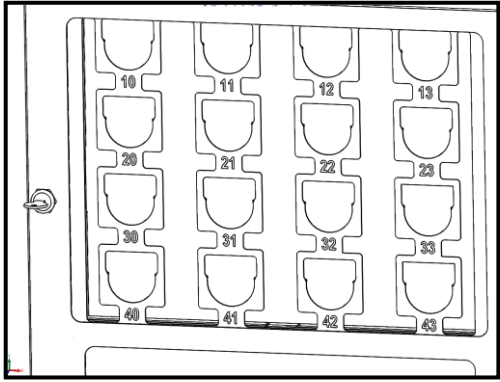
COIN CUP
(ON RIGHT SIDE)

COIN BOX

SERVICE MODE BUTTON
BUTTON ON CONTROL
BOARD PRESS TO ENTER
SERVICE MODE

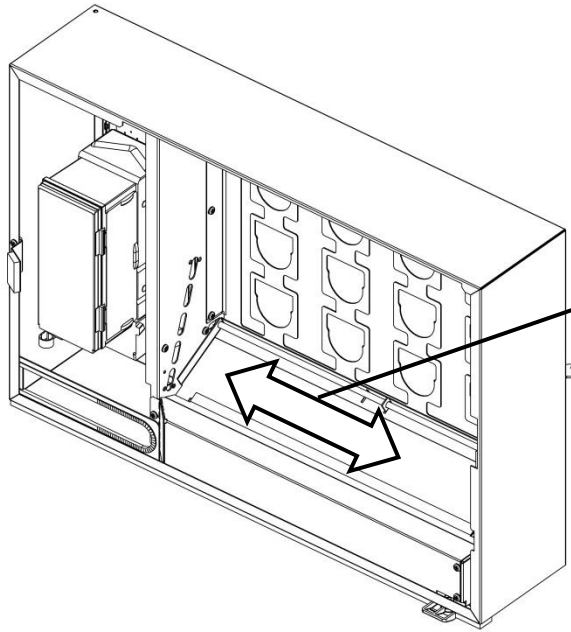


FOR PRODUCT DISPLAY ... LOAD PRODUCTS INTO THE BACK OF THE DISPLAY AS SHOWN. TILT THEM SLIGHTLY AND THEN INSTALL DOWN INTO THE OPENING. FRONT SELECTION NUMBERS CORRESPOND WITH SELECTIONS ON TRAYS (e.g. SELECTION 10 IS THE FIRST SELECTION OF TRAY 1, SELECTION 33 IS THE FOURTH SELECTION ON TRAY 3.) ONCE PRODUCTS ARE INSTALLED TURN THEM FOR BEST VISUAL APPEARANCE FROM THE FRONT.



iVEND™ SENSOR OPERATION

The Vendor is equipped with an iVend™ Delivery Sensor System. The system is comprised of an infrared transmitter and receiver array positioned above the delivery bin area. This system provides feedback to the control system to verify whether a product was delivered. When a customer makes a selection, if the system does not sense a product was delivered, the customer's money is left in credit for them to either make another selection or press the coin return button to get their money back. The customer either receives a product or their money back – they are always satisfied.



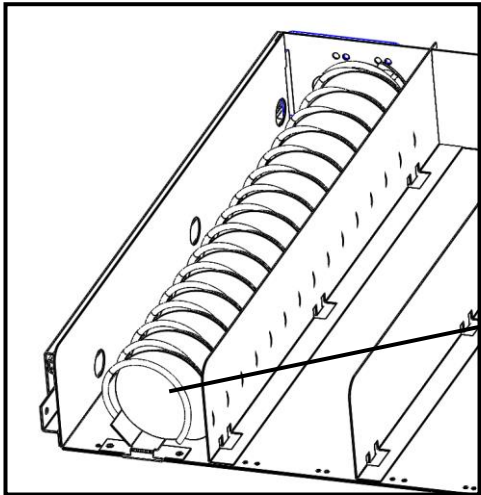
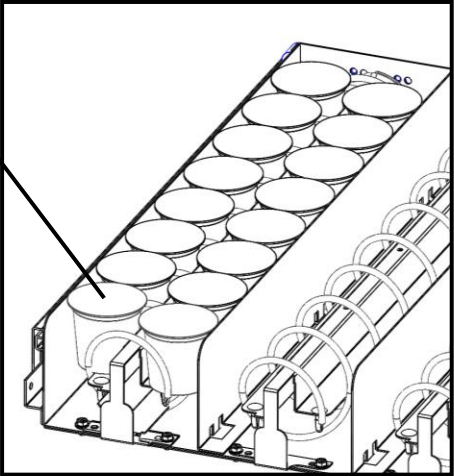
iVEND™ DELIVERY SENSOR
ACROSS DELIVERY AREA.
INFRARED LIGHT ARRAY IS
NOT VISIBLE (NOT IN
VISIBLE LIGHT SPECTRUM)

LOADING PRODUCTS

Pull the tray out fully for ease of loading. Be sure trays are pushed back fully before closing door. If trays are not fully back this may result in product binding, motor binding, and/or poor vend results.

Load products from front to back making sure all items fit freely between the spiral coils. Do not attempt to force oversized products or packages into the spaces. Do not skip a space. Place the product on the bottom of adapter shelf as shown (will vary with different products).

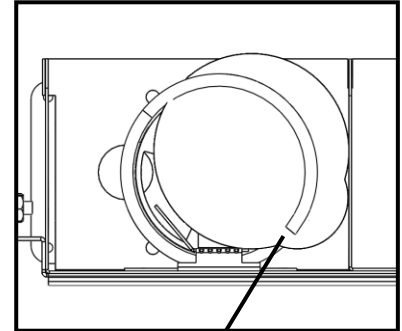
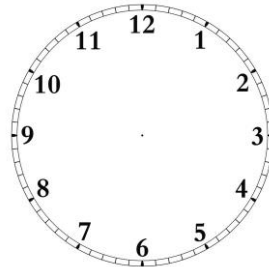
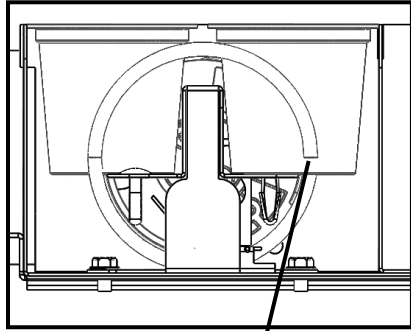
K-CUP LOADING:
LOAD PRODUCTS ON BOTH SIDES OF SPLIT
VEND ADAPTER AS SHOWN. 16 PRODUCTS
PER SELECTION



TASSIMO T-DISC LOADING:
LOAD PRODUCTS ON TOP OF VEND
ADAPTER AS SHOWN. 11 - 15 PRODUCTS
PER SELECTION (VARIES)

Product loading will vary depending on product requirements. Some products may not require vend adapters. To vend properly the product must be wider and taller than the diameter of the spiral being used. Undersized products may cause vend problems.

RECOMMENDED SPIRAL TIMING (K Cups and Tassimo T-DISC products)



FOR K CUPS
ADJUST SPIRAL END AT
3:00 (0'CLOCK) POSITION
AS SHOWN

FOR TASSIMO T-DISCS
ADJUST SPIRAL END
BETWEEN 5:00 & 6:00
(0'CLOCK) POSITION AS
SHOWN

SPIRAL AND TRAY ADJUSTMENT

The shape, size and thickness of a product affect how well it falls off the tray. Most products can be vended successfully when the spiral end is positioned at 6 o'clock. If vending problems occur with spiral ends at the standard 6 o'clock position, adjust the drop-off either by retiming the spiral or installing a Product Pusher (OPTIONAL PART – CALL TO ORDER).

(NOTE: Product Pushers cannot be used when vend adapters are installed inside the spiral ... rotation of the spiral will remove the Product Pusher during rotation)

SPIRAL TIMING

Each spiral can be rotated in 45° (degree) increments for a different drop-off point. Most products can be vended successfully when the spiral end is positioned at the position of 6 o'clock.

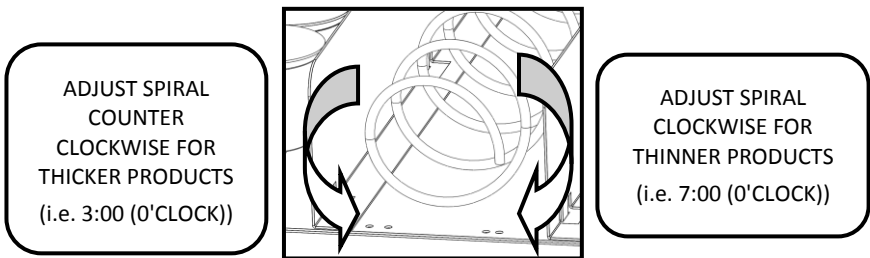
The general rule is:

The narrower the product, the higher the timing.

Thick Products - 3-6 o'clock

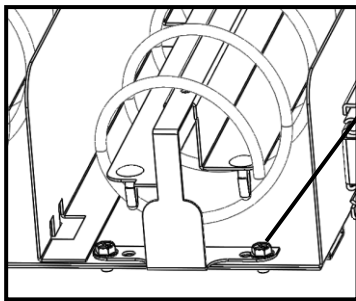
Most products – 6 o'clock

Thin Products - 6-8 o'clock

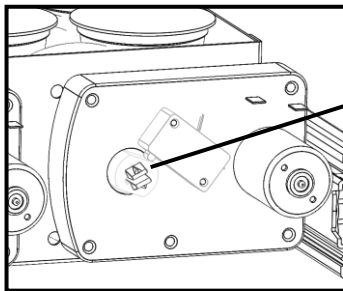


To change the spiral end position:

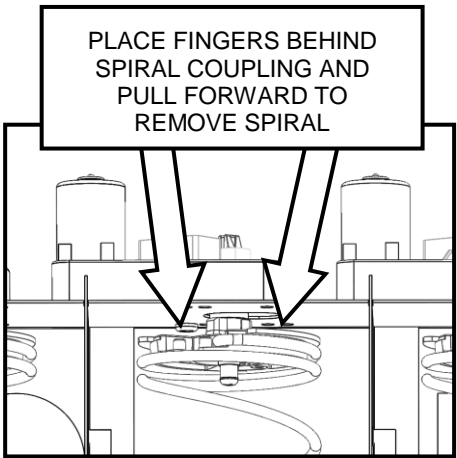
- Pull the tray out fully to have access to the back of the spirals.
- If the selection has a vend adapter installed, remove the adapter before proceeding. Remove the front screws holding the adapter to the tray. Lift up and out on the adapter to remove from the spiral coupling.
- To remove the spiral place two fingers, one on either side of the spiral coupling, and pull out until the spiral coupling separates from the motor.
- Rotate the spiral to the desired position and reinsert the spiral coupling into the motor.
- Make sure the spiral coupling snaps fully into the motor as shown.
- Reinstall the vend adapter if required.
- Push the tray back fully, shut the door and test vend the selection to make sure the product vends correctly.



TO REMOVE VEND ADAPTER, REMOVE TWO SCREWS AND PULL UP AND OUT ON ADAPTER. REVERSE PROCEDURE TO REINSTALL.



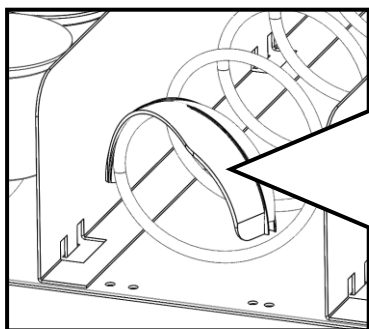
WHEN REINSTALLING SPIRAL BE SURE SPIRAL COUPLING SNAPS FULLY INTO MOTOR



PLACE FINGERS BEHIND SPIRAL COUPLING AND PULL FORWARD TO REMOVE SPIRAL

PRODUCT PUSHERS (OPTIONAL PARTS – CALL TO ORDER)

If the product still will not vend properly after re-timing of the spiral then you may need to install a Product Pusher. The Product Pushers are an OPTION, call Parts Department to order if required. Snap onto spirals only as necessary as shown. **(NOTE: Product Pushers cannot be used when vend adapters are installed inside the spiral ... rotation of the spiral will remove the Product Pusher during rotation)**



IF AFTER ADJUSTING THE SPIRAL END POSITION THE PRODUCT STILL DOESN'T VEND OFF THE TRAY ... SNAP PRODUCT PUSHERS ONTO TO END OF SPIRALS TO ENSURE PRODUCT WILL VEND.

LOADING COIN MECHANISM

The Coin Mechanism must be loaded with a minimum of one roll each of nickels, dimes and quarters in order for the vendor to operate properly. The coins need to be loaded into the coin mechanism by inserting them into coin insert located on the top of the cabinet.

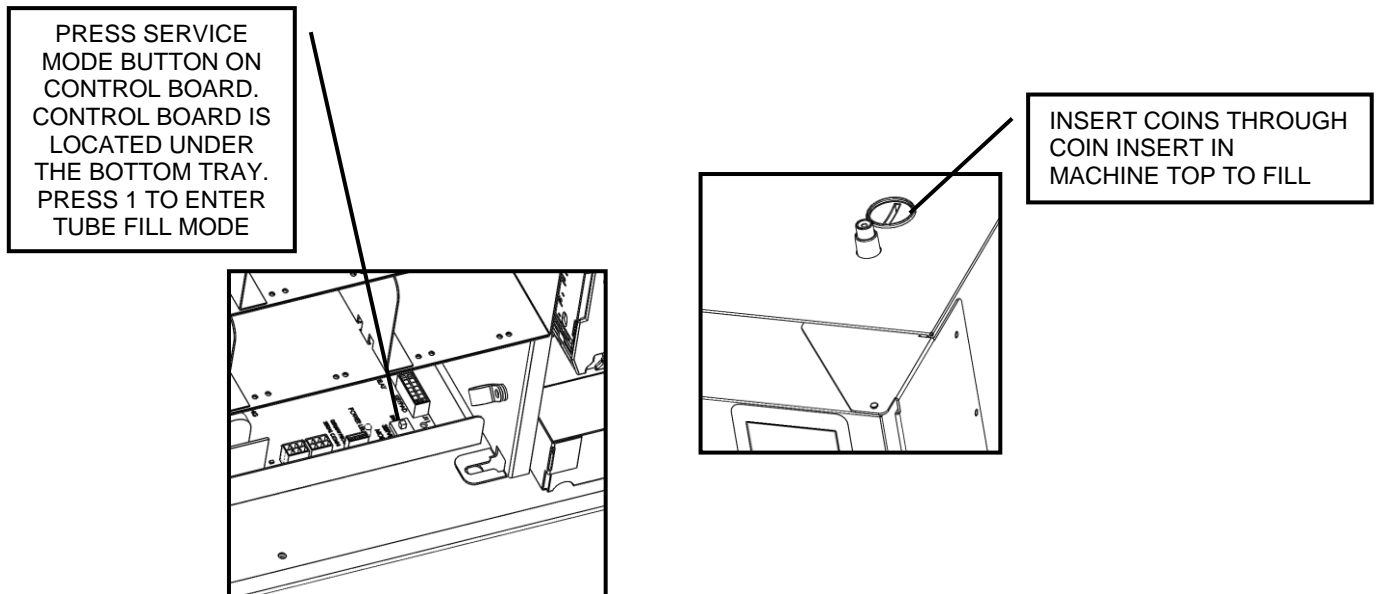
First enter the SERVICE MODE then enter the TUBE FILL MODE (See SERVICE MODE described later).

Each coin mech tube should be kept loaded with at least one roll of coins. This will ensure the coins are above the tube low level sensors. Once the tubes are loaded the Dollar Bill Validator (if equipped) will accept bills. If one or more of the coin tubes fall below the low level sensor the Dollar Bill Validator may stop accepting bills and the front display will show the "USE EXACT CHANGE ONLY" message.

Alternatively, you can load the coins into the slots above the respective coin tubes. This is not the preferred method. By using TUBE FILL mode the control board can then accurately determine coin levels.

On some Coin Mechanisms there are buttons above each tube to dispense the coins (may vary depending on which coin mechanism that is used). The coins can also be dispensed within the Service Mode described later.

More advanced and brand specific Coin Mechanism operating instructions can be obtained on the Service portion of the website listed at the beginning and end of this manual.

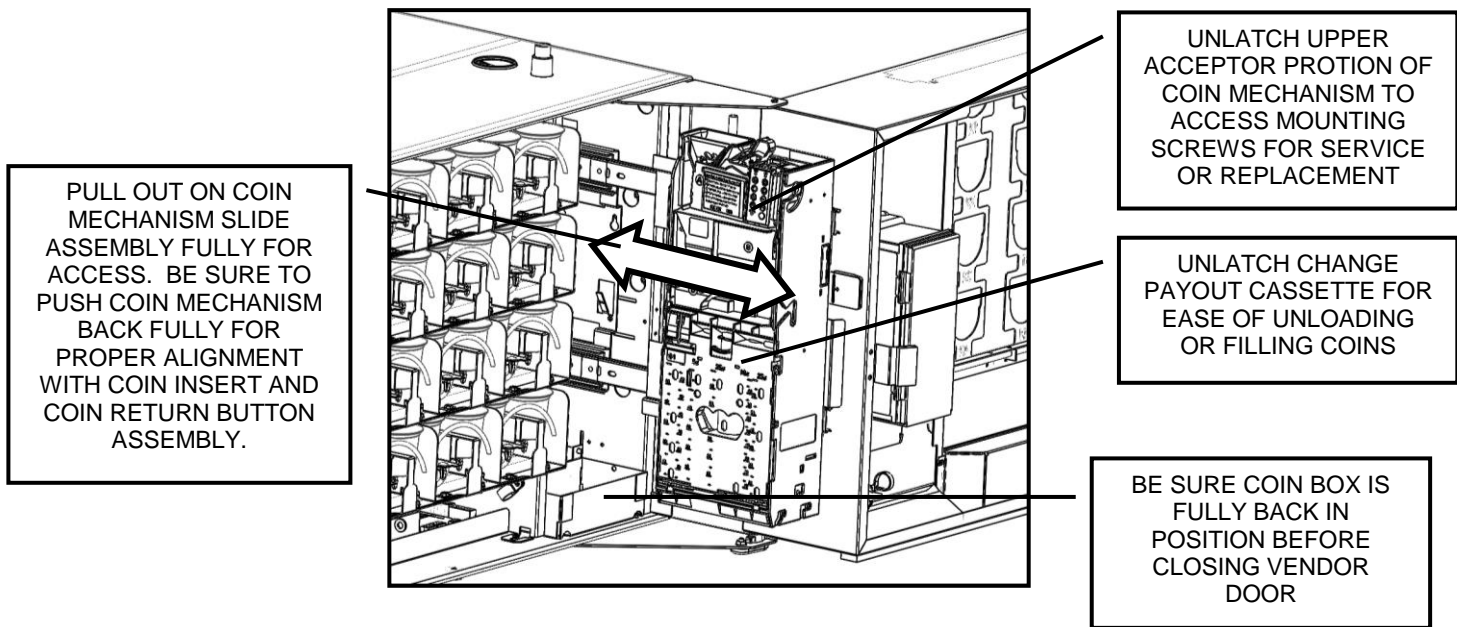


NOTE: When using the Bill Validator, having the coin tubes at least half full will provide the most consistent bill acceptance operation.

ACCESSING COIN MECHANISM

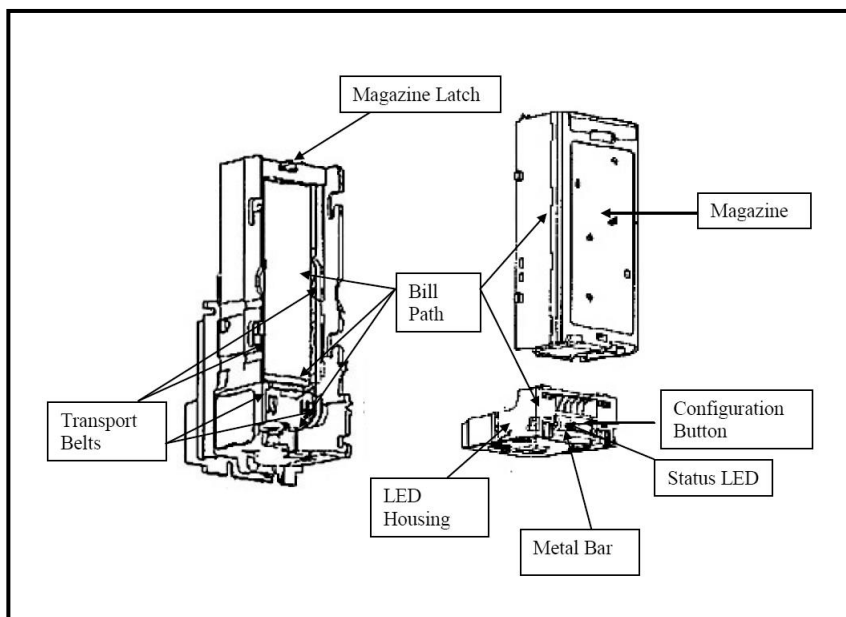
The Coin Mechanism is designed for easy access for service and loading/unloading. With the vendor door open you can then pull out on the Coin Mechanism slide assembly as shown below. With the Coin Mechanism in this position you can remove the payout cassette for ease of unloading/filling coins. When the Coin Mechanism is slid out you can also unlatch the top acceptor portion of the Coin Mechanism to access the mounting screws for service or replacement. Make sure to route the Coin Mechanism harness connector per factory installation to assure proper harness travel.

NOTE: Be sure the Coin Box does not overflow up into the Coin Mechanism – this may cause the the Coin Mech to jam or the machine to malfunction.



BILL VALIDATOR OPERATION (OPTIONAL)

To remove the bills from the Dollar Bill Validator push the tab on the top of the bill box and lift up. To clear jams or cleaning unlatch lower unit as shown. Dollar Bill Validator cleaning instructions as well as more advanced service information can be obtained on the Service portion of the website listed at the beginning and end of this manual.



VEND CYCLE - iVEND™ EQUIPPED

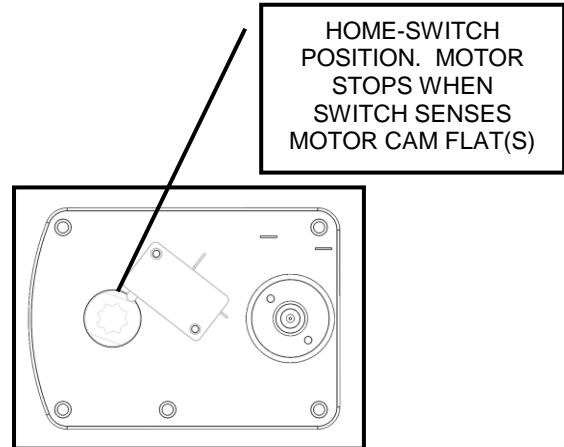
All vendor selections have been assigned at the factory to be monitored for iVend™ optical sensing.

At the start of a vend cycle, the iVend™ optical sensor will be checked to make sure it is not blocked, damaged or disconnected.

The vend motor and a vend timeout timer are started:

- The selection motor/s rotate/s to the home-switch position. (some motors rotate 180 degrees (half turn) while others rotate 360 degrees (full turn))
- If a product is detected passing into the delivery bin the vend is considered successful.
- If reaching the home-switch position and a product has not been detected, then the vend motor will pause for 1 second while the control system continues to monitor the optical sensor for product delivery and then:
 - If a product is detected during this pause, the vend is considered successful.
 - If a product is not detected, then the control system initiates a second motor cycle while continuing to monitor the optical sensor.
 - ✓ If a product is detected during this second cycle, the motor will be stopped immediately. The vend is considered successful. The **2ND VEND** accounting counter is increased by one.
 - ✓ If after reaching the home-switch position and a product has not been detected, then the vend motor is stopped and for 2 seconds the controller continues to monitor the optical sensor for product delivery. If a product is detected, the vend is considered successful. The **2ND VEND** accounting counter is increased by one.
 - Otherwise, if no product is detected, the selection is logged as 'sold out'. Such a state will trigger to display the **MAKE ANOTHER SELECTION** message. The original credit remains and is displayed, the customer can press selection buttons to activate this or another motor or press the coin return button to receive their money back.
 - If after 10 seconds (vend timer times out) there is no home-switch signal and no product is detected, then the vend is 'failed'. The vend motor is shut down and the **MAKE ANOTHER SELECTION** message is displayed. The customer can press selection buttons to activate another motor or press the coin return button to receive their money back.

NOTE: In this case 'Force Vend' (if enabled) is disabled to permit the customer to retrieve the deposited money.



DEX CAPABILITY (OPTION)

This vendor has the option of DEX capability. DEX is an acronym for Direct EXchange. It is a vending industry communication standard which was originally created for the grocery industry. The option permits the operator to download with a handheld computer accounting data from the control board automatically. This data can then be used to accurately track cash accountability as well as evaluate the product marketing aspects within one vendor or many. The DEX option requires the purchase of extra harnessing, a handheld computer, and software to be used effectively. The data set which is defined includes, among others:

- Cash Count by selection
- Vend Count by selection
- Prices by selection
- Value of Coins in the Coin box
- Value of Bills in the bill validator

The implementation of the DEX option may be beyond the needs of most operators. More advanced service information can be obtained on the Service portion of the website listed at the beginning and end of this manual.

SALES MODE

The vendor automatically defaults to Sales Mode after it is turned on. In the Sales Mode, the vendor accepts money deposits, pays out change and dispenses product to the customer.

DISPLAY CREDIT - ELECTRONIC PRICING

This vendor is equipped with the Electronic Pricing feature. The customer may verify the price by pressing the selection number (i.e. 22) before inserting money. If a selection is made and credit has not been established, the price for that selection is displayed and "INSERT MORE MONEY" will be displayed. When money or credit is accepted, then the amount of credit is displayed.

"USE EXACT CHANGE ONLY" MESSAGE OPERATION

If the coin levels in the coin mechanism tubes are below the low-level sensors, the "USE EXACT CHANGE ONLY" message will be displayed. This indicates the Coin Mechanism does not have enough coins in the coin mechanism tubes to make change. This also indicates that the Dollar Bill Validator may be disabled until change can be made.

CHANGE RETURN

If after inserting credit the customer desires their money back the coin return button needs to be pressed. Upon insertion of a dollar bill and a change request is desired the vendor will do one of two things depending upon the setting of the FORCE VEND and BILL ESCROW features (operation as described later in the Service Mode section of this manual).

Two modes of change return operation ...

- If the bill is inserted and FORCE VEND is set to OFF and BILL ESCROW is set to ON when the customer requests change they will receive the last bill inserted back from the Dollar Bill Validator.
- If the bill is inserted and FORCE VEND is set to OFF and BILL ECROW is set to OFF when the customer requests change they will receive coin change back ... the vendor can be used as a bill changer. Operating the vendor in this manner is fine except the vendor may run low on coins more often and thus not be able to accept bills and may result in lost sales.

BASIC PROGRAMMING SETUP

This portion of the manual includes only basic Service Mode Programming functions. For more advanced programming refer to the CONTROL SYSTEM Programming Manual on the Service portion of the website listed at the beginning and end of this manual

KEYPAD

Use the buttons on the keypad as directed in the step-by-step instructions in this manual in programming the vendor. Entries from the keypad will be displayed on the front vendor display.

Buttons 0-9 are used to move between the various modes, menus and sub-menus; while the **#** button is used to enter a menu, confirm or to save a setting. The ***** button is used to back up one or more menus ... pressing the ***** button repeatedly will return the vendor into Sales Mode



DISPLAY

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

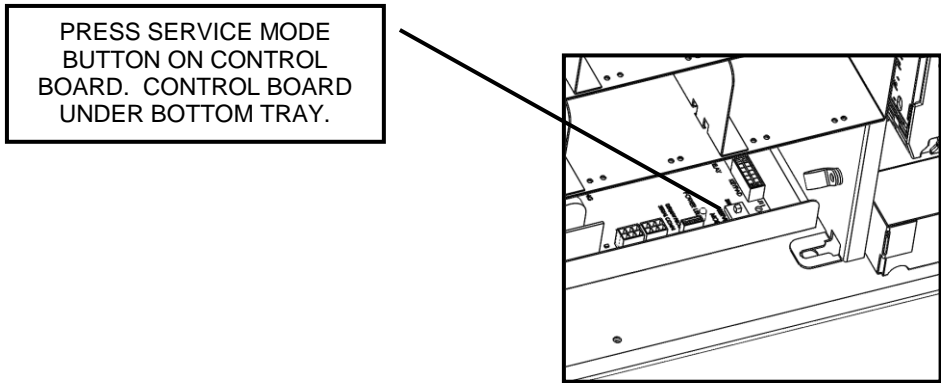
SERVICE MODE

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

SERVICE MODE BUTTON

To enter the Service Mode, press the Service Mode Button located in the front corner of the control board. (see image below). It is a BLUE button just above the RED power LED. Press the button to access the Service Mode programming features. Press the button again to exit and return to Sales Mode. If no keypad button is pressed within 60 seconds while in Service Mode, the controller automatically exits to the Sales Mode.

IMPORTANT: Press the service mode button only once to enter the service mode. A single audible beep will also be heard. In the service mode the motor count or an error message will be displayed until another key is pressed. Make note of any displayed messages.



SERVICE MODE FUNCTIONS

1 TUBE FILL/ DISPENSE COINS

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

TUBE FILL

STEP		DISPLAY
1	Press Service Mode Button	Motors (- -)
2	Press 1 and begin depositing coins	At least 15 of each denomination
3	Press * 2 times to exit	(Sales Mode)

Tube Dispense Pays out coins from the coin mech coin tubes. This mode will also display the current quantity of coins in the coin mech tubes.




TUBE DISPENSE (USA DENOMINATIONS SHOWN)

STEP		DISPLAY
1	Press 1 to dispense dollar coin	\$1.00/coins
2	Press 2 to dispense quarters	0.25/coins
3	Press 3 to dispense dimes	0.10/coins
4	Press 4 to dispense nickels	0.05/coins
5	Press * 2 times to exit	(Sales Mode)

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

2 MOTOR COUNT

Displays the total count of working motors.

	STEP	DISPLAY
1	Press Service Mode Button 	Motors (- -)
2	Press  then wait	Motors (- -)
3	Press  to exit	(Sales Mode)

(- -) represents number of motors connected / detected by the control system. Be sure to do a MOTOR COUNT whenever adding/removing motors or tray configuration changes. Always test vend after reconfiguration.

3 OPTIONS

(See CONTROL SYSTEM Programming Manual for more information)

4 CONFIGURATION

(See CONTROL SYSTEM Programming Manual for more information)

5 PRICING

Price Setting - This menu allows these methods for assigning prices:






- ITEM — by individual selections
- ROW— by shelf or tray
- ALL ITEMS — by entire vendor.
- COUPONS — by Item, Row, or ALL
- TOKENS — by Item, Row, or ALL
- COMBO

The maximum price that can be set is \$655.35. Setting a price to zero (000.00) sets that item to FREE.

5.3 ALL

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






Time Saving Suggestion: *Instead of setting the price of each item one at a time, it is much faster to set the common price of the entire vendor; then go back and set the price of each item or row that you want to set at a different price.*

	STEP	DISPLAY
1	Press Service Mode Button 	Motors (- -)
2	Press 	Pricing
3	Press  to enter price	ALL Items \$0.50
4	Press  to save	ALL Items \$0.50
5	Press  3 times to exit	(Sales Mode)

5.2 ROW






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

Time Saving Suggestion: *Instead of setting the price of one item at a time, set the common price of a Row, then go back and set the price of each item that you want to set at a different price.*

STEP		DISPLAY
1	Press Service Mode Button 	Motors (- -)
2	Press 	Pricing
3	Press 	Row: - - \$0.00
4	Enter row number and price <i>Example: Top row=01, row below top row=02, etc. Program will automatically go to the next Row</i>	Row:01 \$0.50
5	Press  to save	Row 01 \$0.50
6	Press  3 times to exit	(Sales Mode)

5.1 ITEM

Use this menu to set the price of an individual selection.

STEP		DISPLAY
1	Press Service Mode Button 	Motors (- -)
2	Press 	Pricing
3	Press 	Item
4	Enter Item and price	Item 010 \$0.50
5	Press  to save. The program will automatically go to the next selection number	Item 010 \$0.50
6	Press  3 times to exit	(Sales Mode)

5.4 COUPON 5.5 TOKEN, 5.7 COMBO

(See CONTROL SYSTEM Programming Manual for more information)

6 ACCOUNTING

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




(See CONTROL SYSTEM Programming Manual for more information)

7 ADVANCED OPTIONS

(See CONTROL SYSTEM Programming Manual for more information)


8 TEST VEND - SINGLE MOTOR




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

	STEP	DISPLAY
1	Press Service Mode Button 	Motors (- -)
2	Press 	Item - - -
3	Press selection number on keypad and wait	Item 010
4	Repeat step 3 for other selections	
5	Press  3 times to exit	(Sales Mode)

9 TEST VEND ALL MOTORS

Use this menu to test vend all motors. The selection will display with the test vend. If a test vend attempt on a particular motor fails, the controller will beep. Satellite vendors will also be included in the test.

NOTE: Pressing  at any time will stop the test

	STEP	DISPLAY
1	Press Service Mode Button 	Motors (- -)
2	Press  and wait	Item
	The motor selection number will display while it is being tested	Item 010
3	Press  3 times to exit	(Sales Mode)

0 DIAGNOSTICS

(See CONTROL SYSTEM Programming Manual for more information)

PREVENTATIVE MAINTENANCE

CAUTION: Always disconnect power source BEFORE cleaning or servicing.

ONCE A MONTH

CLEAN CABINET INTERIOR

Wash with a mild detergent and water, rinse and dry thoroughly. Odors may be eliminated by including baking soda or ammonia in the cleaning solution. Plastic parts may be cleaned with a quality plastic cleaner.

DO NOT GET THE CLEANING SOLUTION ON ELECTRICAL COMPONENTS.

To insure proper vending keep delivery box area free of dirt and sticky substances.

CLEAN CABINET EXTERIOR

Wash with a mild detergent and water, rinse and dry thoroughly. Clean occasionally with a quality car wax. Plastic exterior parts may be cleaned with a quality plastic cleaner.

PARTS ORDERING PROCEDURE

When ordering parts, include the following:

- Model and serial number of the vendor
- Shipping address
- Address where the invoice should be sent
- Quantity of parts ordered
- Any special shipping instructions
- Desired carrier: air or air special, truck, parcel post, or rail.
- Signature and ordering date.
- If a purchase order is used, be sure it is visible and legible

Please be sure that you refer to the correct part number, vendor model number, and vendor serial number when ordering. These can be confirmed by checking the parts manual found on the Service portion of the website listed at the beginning and end of this manual.

NOTE: “Left” or “Right” when used in the name or description of the part are determined while facing the front of the vendor with the door closed.

BEFORE CALLING FOR SERVICE

Please check the following:

- If the power is turned on at the fuse box, is the vendor the only thing that does not work?
- Is the vendor plugged directly into the outlet?
- Is the circuit breaker at the fuse box reset?

WARNING: DO NOT USE EXTENSION CORDS!

Parts/Technical Support and Manuals may be found at <http://www.vendnetusa.com/>

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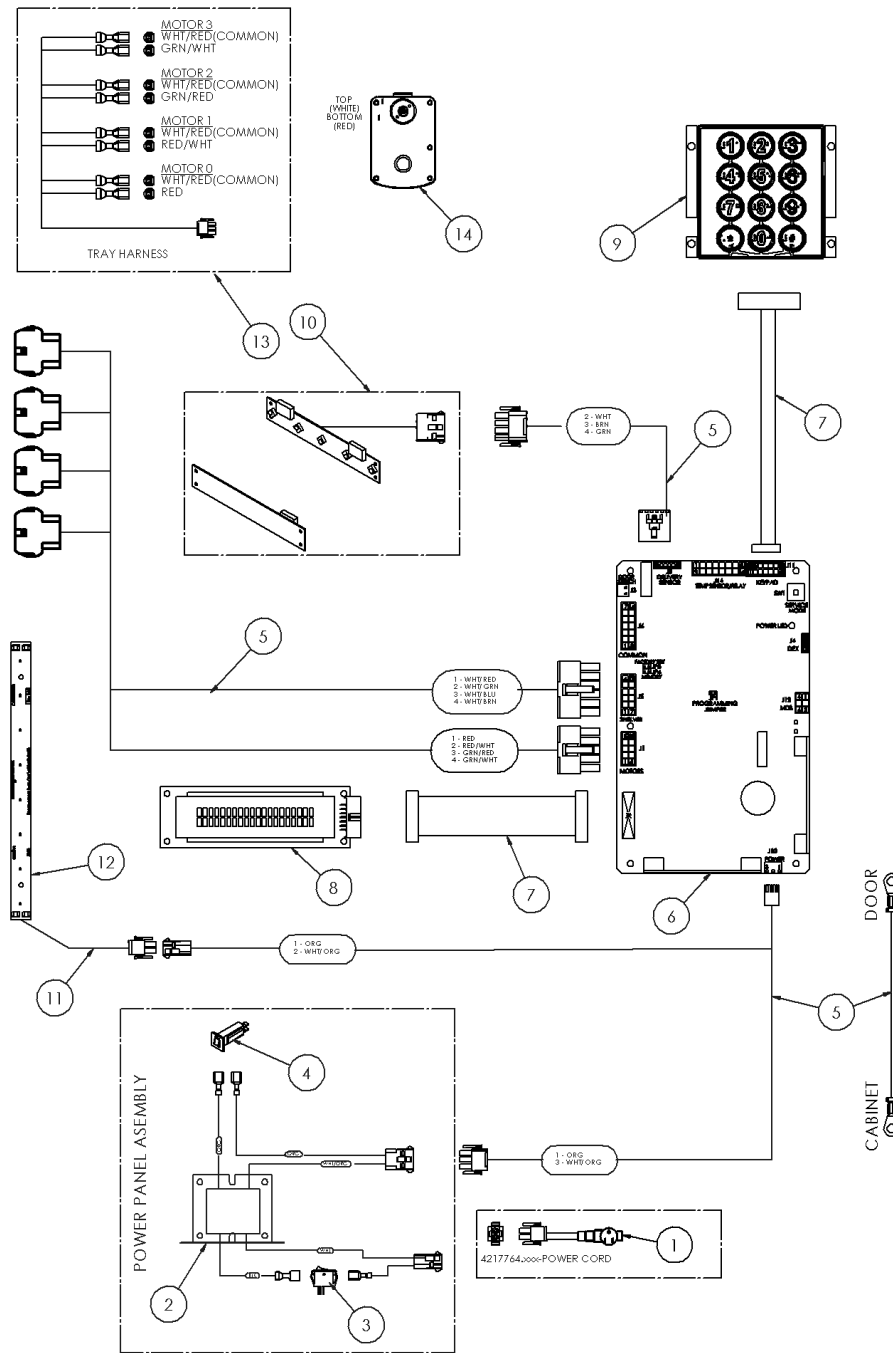


Number One In Quality

	USA & Canada	International
Service	(800) 833-4411	(515) 274-3641
Parts	(888) 259-9965	
Email	vendnet@vendnetusa.com	
Web Site	www.vendnetusa.com	

4214792-C.DOC

SCHEMATIC DIAGRAM



ITEM	PART NUMBER	DESCRIPTION	QTY
1A	4217764	POWER CORD - USA	1
1B	4217764.001	POWER CORD - UK	1
2A	4216297.004	TRANSFORMER - 115V	1
2B	4216297.005	TRANSFORMER - 230V	1
3	4202088	POWER SWITCH	1
4	4203467.003	3A CIRCUIT BREAKER	1
5	4224339	MAIN HARNESS	1
6	4214682.004	CONTROL BOARD	1
7	4224340	KEYPAD & DISPLAY HARNESS	1
8	4223427	DISPLAY	1
9	1216670.002	KEYPAD	1
10	4212464.010	IVEND DELIVERY SENSOR	1
11	4224341	LED HARNESS	1
12	4216544.003	LED ENGINE	1
13	4224352	TRAY HARNESS	4
14	VARIABLES WITH CFG	MOTOR	16

4224476 - REV A
SCHEMATIC DIAGRAM