

Technical

Manual

Coca-Cola Chameleon Vender & Lean Marketing Vender

P Series Chameleon

P Series LMV



Model DN504P and 720P

Beginning Production Run 7675AE

Manufactured by

CRANE

Dixie Narco
Vending Systems

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Part #803,904,540.01

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APPLICATION

This information applies to 504 and 720P-Series venders manufactured the first quarter 2006 which have significant differences in programming and parts content from previous venders. To order parts or information pertaining to this vender, please contact Dixie Narco.

VENDER SAFETY PRECAUTIONS

Please read this manual in its entirety. This service information is intended for use by a qualified service technician, who is familiar with proper and safe procedures to be followed when repairing, replacing, or adjusting any Dixie-Narco vender components. All repairs should be performed by a qualified service technician who is equipped with the proper tools and replacement components, using Genuine Dixie-Narco Factory Parts.

REPAIRS AND/OR SERVICING ATTEMPTED BY UNINFORMED PERSONS CAN RESULT IN HAZARDS DEVELOPING DUE TO IMPROPER ASSEMBLY OR ADJUSTMENTS WHILE PERFORMING SUCH REPAIRS. PERSONS NOT HAVING A PROPER BACKGROUND MAY SUBJECT THEMSELVES TO THE RISK OF INJURY OR ELECTRICAL SHOCK WHICH CAN BE SERIOUS OR EVEN FATAL.



PRODUCT IDENTIFICATION

First production of 504 and 720 P-Series was March 2006.

The production date of Dixie-Narco products is determined by the date code incorporated in the serial number.

The vender serial number takes the form yyyyzz-xxxx. The last 4 digits (xxxx) identify the specific vender. The first 4 digits (yyyy) identify the manufacturing run that the vender was built in. The two alpha characters (zz) identify the quarter and the year the vender was built. The first alpha-character identifies the quarter.

- A = 1st quarter
- B = 2nd quarter
- C = 3rd quarter
- D = 4th quarter

The second alpha-character identifies the year:

- E = 2006
- F = 2007
- G = 2008
- H = 2009
- I = 2010
- J = 2011

PHYSICAL CHARACTERISTICS

	720P	504P
HEIGHT	72"	72"
WIDTH	37"	28"
DEPTH	34"	33.5"
DEPTH WITH VALIDATOR	N/A	N/A
SHIPPING WEIGHT	788lbs	678 lbs.
Loaded Weight 4 Deep Cans	1512lbs	1153 lbs

Model	Number of Selections	Number of Narrow Columns
504P LMV	8	7
720P LMV	8	10
504P CCC	6	7
720P CCC	8	10

RECEIVING INSPECTION

Upon receipt, inspect the vender for any shipping damage. If there is any damage have the driver note the damage on the bill of lading and notify Dixie-Narco.

Although the terms of sale are FOB shipping point, which requires the consignee to originate shipping damage claims, Dixie-Narco will gladly help if you must file a claim.

The Dixie-Narco P Series vender is designed utilizing the latest technology.

UNPACKING THE VENDERS

Remove the stretch wrap and top cover from the vender. Product cards are installed in the select buttons.

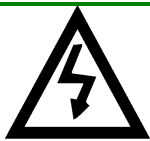


DO NOT STORE THE VENDER OUTSIDE WITH THE STRETCH WRAP ON. THIS COULD CAUSE THE STRETCH WRAP TO BOND TO THE VENDER'S SURFACE, WHICH COULD DAMAGE THE FINISH.

Remove the shipping boards from the bottom of the vender. The shipping boards are attached by the leveling legs. To avoid unnecessary damage to the leveling legs or base, remove the shipping boards by using a 1½" "socket type" wrench to unscrew the leveling legs. Be sure to replace the legs after removing the shipping boards.

WARNING

TO AVOID THE POSSIBILITY OF A FIRE HAZARD, DO NOT STORE ANYTHING OR ALLOW DEBRIS OF ANY KIND TO ACCUMULATE IN THE BOTTOM OF THE DOOR, IN AND AROUND THE REFRIGERATION COMPARTMENT OF THE CABINET, OR IN FRONT OF THE EVAPORATOR AND CONDENSER COILS.



Warning

WARNING: ENSURE THAT POWER IS DISCONNECTED FROM THE VENDER OR THAT THE POWER INTERRUPT SWITCH IS NOT DEFEATED BEFORE INSPECTING OR REPLACING THE LAMPS, OTHER ELECTRICAL COMPONENTS, OR WORKING WITH OR ADJUSTING THE VENDING MECHANISM. FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY SUBJECT THE USER TO THE RISK OF ELECTRICAL SHOCK OR MECHANICAL INJURY, WHICH CAN BE SERIOUS OR FATAL.



Warning

ELECTRIC POWER NEEDED

Refer to the cabinet serial number plate to determine the proper voltage and frequency the machine requires (domestically this requirement is 120 Volts, 60 Hertz). The cabinet serial plate also indicates the Amperage of the vender. The vender must be plugged into a properly rated, single phase alternating current outlet with its own circuit protection (fuse / circuit breaker).

DO NOT USE AN EXTENSION CORD.

POWER SUPPLY CORD and GROUNDING REQUIREMENTS

In accordance with the National Electrical Code and Underwriters Laboratories Inc., beginning April 10, 2006 all domestic vending machines are equipped with a three-wire power supply cord and Ground Fault Circuit Interrupter (GFCI). The GFCI device is provided as part of the power supply cord and is either incorporated directly into the plug or mounted on the cord adjacent to the plug.

WARNING

- The GFCI protects against current leakage caused by ground faults. The GFCI is not designed to protect against over current or short circuits.
- **DO NOT** use the TEST and RESET buttons on the GFCI as an ON/OFF switch.
- The vending machine supply cord **MUST** be plugged directly into a properly grounded, 3 wire receptacle that is properly protected by a fuse or circuit breaker. If the receptacle will not accept the power cord plug, it must be replaced with a properly grounded, 3 wire receptacle in accordance with the National Electrical Code and Local Codes and Ordinances. The work should be done by a qualified electrician. **DO NOT USE A 3 WIRE TO 2 WIRE ADAPTOR**



DO NOT REMOVE THE GROUND PIN ON THE PLUG OR IN ANY WAY BYPASS, MODIFY, DEFEAT, OR DESTROY THE GROUNDING SYSTEM OF THE VENDING MACHINE

- **DO NOT USE WITH AN EXTENSION CORD.**
- **DO NOT REMOVE THE WARNING TAG ATTACHED TO THE POWER SUPPLY CORD.**
- The GFCI must be tested frequently and before each use in accordance with the instructions provided on the GFCI device. **IF THE GFCI DOES NOT PASS THE TEST, DO NOT USE THE MACHINE.** Unplug the supply cord from the receptacle and call the Dixie-Narco Technical Support Group for assistance at 1-800-688-9090.

It is recommended that the machine be located so that the GFCI device will be accessible after the machine is installed. After installation, visually inspect the GFCI and power supply cord to be sure it is not crushed, pinched, or stretched.

Protect the power supply cord during transportation and use. Periodically inspect the power supply cord for damage. If the cord or plug is worn or damaged, it must be replaced with a power supply cord of the same type, size and specification as originally provided with the machine. **DO NOT USE THE VENDING MACHINE UNTIL THE WORN OR DAMAGED CORD IS REPLACED.**



FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY SUBJECT A SERVICE PERSON OR USER TO THE RISK OF INJURY OR ELECTRICAL SHOCK WHICH CAN BE SERIOUS OR FATAL.

PLACING THE VENDER ON LOCATION

!! CAUTION !!



DO NOT TRANSPORT THE VENDER TO OR FROM THE LOCATION LOADED WITH PRODUCT. DAMAGE TO THE VENDER MAY RESULT.

The vender must be located on a solid, flat, and level surface. Ensure the flooring can bear the weight of a fully loaded vender (approx. 1200 lbs). The vender must be positioned close enough to an electrical outlet that an extension cord is not required. If the machine will be subject to user misuse or vandalism, it is recommended that the vender be secured to the floor or wall as described in Dixie-Narco Technical Bulletin 344. Call the Dixie-Narco Technical Service Department or your Dixie-Narco Representative for assistance.

LEVEL THE VENDER

When the vender is level, the door can be opened to any position and it will not move by itself. Open the door to several different positions before deciding the vender is level. A carpenter's level will help verify the machine is level.

Make sure that all leveling legs are in contact with the floor. If you cannot level the vender in its current location, select another location. **DO NOT** place any objects under the machine.

This Machine is not suitable for installation in an area where a water jet may be used.

DANGER

THE VENDER MUST BE PROPERLY LOCATED AND LEVELED. IF THE MACHINE WILL BE SUBJECT TO USER MISUSE OR VANDALISM IT IS RECOMMENDED THAT THE VENDER BE SECURED TO THE FLOOR OR WALL AS DESCRIBED IN DIXIE-NARCO TECHNICAL BULLETIN 344 TO MINIMIZE THE RISK OF INJURY OR DEATH FROM TIPPING. CALL THE DIXIE-NARCO TECHNICAL SERVICE DEPARTMENT OR YOUR DIXIE-NARCO REPRESENTATIVE FOR ASSISTANCE.



SPACE THE VENDER

Do not block the rear of the vender. Keep the vender 4 inches (10 cm) from the wall to ensure adequate airflow to the condenser and compressor. At the front of the vender, make sure that nothing obstructs the air intake at the bottom of the main door. At the rear of the vender, make sure nothing obstructs the air exhaust at the bottom of the cabinet.



WARNING

TO AVOID THE POSSIBILITY OF A FIRE HAZARD, DO NOT STORE ANYTHING OR ALLOW DEBRIS OF ANY KIND TO ACCUMULATE IN THE BOTTOM OF THE DOOR, IN AND AROUND THE REFRIGERATION COMPARTMENT OF THE CABINET, OR IN FRONT OF THE EVAPORATOR AND CONDENSER COILS.

COIN CHANGERS & OTHER ACCESSORIES

The vender must have an MDB coin changer installed and can have an MDB bill acceptor installed. If the MDB coin changer and other MDB accessories are not factory installed, refer to the instructions received from the manufacturer of the MDB coin changer and other MDB accessories for proper set-up and installation.

The vender will support the following MDB coin changers:

- Multi-Drop Coin Mech (Domestic)
- Coinco 9302GX
- Coinco USQ G700 Series
- Conlux USLZ-101
- Conlux CCM5G
- Mars 4510
- Mars 6512

The vender will support the following MDB bill validators:

- Multi-Drop Bill Validators (Domestic)
- Coinco BA30B, BA50, MAG30, MAG50
- Mars VN2512, VN2502, VN2312
- Conlux NBU-2111-12, NBM 3000 Series
- Ardac 5500 Series

The vender will support the following MDB card readers:

At publication, card reader dispositions were not available. Contact card reader manufacturer for proper installation and setup.

LOADING CHANGE TUBES

Open the main door and enter the “**TUFL**” **TUBE FILL ROUTINE** mode in Programming (see Section B – Programming).

Load the coin mechanism with coins by inserting coins in the coin mech’s separator. The display will show the total number of the coin type as they are inserted.

Note: A low coin level in the coin tubes will interfere with operation of the bill validator.

For additional information about coin mechanisms, refer to the specific manufacturer’s instructions.

Loading Product

The P Series Vender is designed to vend a wide range of packages internationally.

All P Series Venders are shipped ready to vend packages according to customers orders. To vend an alternative package in the P Series vender, contact Dixie Narco Technical Service Dept. or your Representative for assistance. You can also search the package type you wish to vend at www.dixienarco.com.

INITIAL LOADING

To ensure proper vending, make sure columns are set to vend the proper packages. When loading the narrow columns, lay the first row of packages on the Load Bar.

Correct loading will prevent service calls and ensure proper vending.

After loading the vender for the first time, ensure the vender is loaded and primed. Priming is done in programming. **The depth must also be programmed depending on the package to be vended. 12oz Cans may be programmed up to 4 deep.**

NOTE: To ensure proper airflow through the evaporator and the proper operation of the Vend Sensor, **DO NOT** place packages (or other foreign objects) in the bottom of the tank.

SERVICE NOTE

Battery Backup (SBC)

The Single Board Controller is equipped with a battery backup which is used to retain information programmed in the system (pricing, time, date, etc.) in case of power interruptions or any time the main power is off. When the vender is shipped, the battery is connected and memory is being maintained.

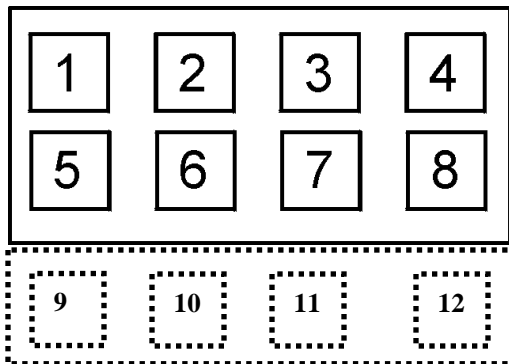
Disconnect the battery if the vender will be stored for a long period of time. The following steps will guide you through this procedure.

- Remove power from the vender by unplugging the main power cord from the wall receptacle.
- Locate the Control Board on the main door. Remove the battery from its holder (B1).

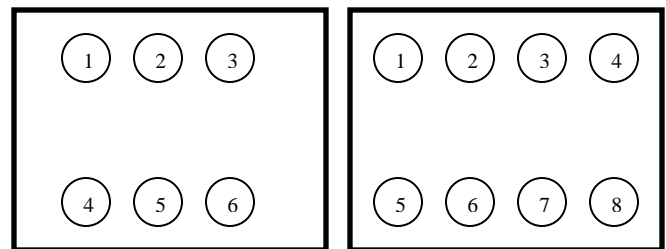
COCA-COLA EVS REVISION 3.0 P SERIES PROGRAMMING METHOD

August 2003

LMV



CHAMELEON (CCC)



The controller has two modes of operation: SALES and SERVICE.

SALES MODE:

In sales mode, on power up display will show software installed in vender, then change to POS message or decimal point. Note: If "COLS" appears on the display on power up with the door open, you will need to program the vender model number in the controller. To program with "COLS" on the display press select button 4. The display will show "6" for six columns. Press select button 2 to scroll through available number of columns in the machine. When the displayed number of columns matches the number of columns in the machine, press select button 4 to set the number of columns. "MODL" will appear on the display, press select button 4. The display will show the first available model number for the current vender type. Press select button 2 to scroll through the available vender model numbers for this vender. When the vender type you wish to save is showing on the display, press select button 4. The display will scroll "4 = SET PACKAGE TYPE 1 = EXIT". Press select button 4 and the display will show "ALL1" with the 1 flashing. This will allow you to set the package type of the machine if it is different that the default of package type 2. Press select button 2 to scroll through the available package types. Press select button 4 to set the displayed package type, and the display will show "SAVE". Press button 4 to save the package type. "PRM1" will appear on the display. Press button 4 to prime column 1 or select button 1 to skip priming column 1. The display will then display "PRM2". Repeat the priming process until all columns have been primed or skipped. The controller will return to normal door open operating mode. The far right decimal also being lit indicates column(s) is (are) - jammed or select switch(es) are stuck. When money is inserted, the display indicates the total amount of the deposit. The select buttons are used to select the product. In sales mode you may access an external menu for reading historical sales counters, cash counters, error codes, or return to sales mode.

SERVICE MODE:

If configuration switch 4 is set to "C4 0", when the door is opened, "NONE" or a list of Error codes will show on the display. If configuration switch 4 is set to "C4 1", when the door is opened, "CASH ####-##.##", "SALE ####-####", "CARD ####-####", "EROR", or "NONE" will show on the display. The service mode is entered when the door is open and the service switch on the controller is pressed. The operator can now use the first four select switches to move through the main routine menu.

Select Button 1:	Abort/Cancel - will return to previous menu prompt.
Select Button 2:	Scroll Up - forward in menu.
Select Button 3:	Scroll Down - backward in menu.
Select Button 4:	Enter/Save/Clear - Allows you to enter a specific routine, save what you have programmed, or clear the error prompts.

Note: Routines with * are password protected. They can only be viewed and entered after the password is entered at the "PASS" prompt.

EXTERNAL MENU MODE:

The information available in this mode is obtainable with the door closed or open as long as the vender is in sales mode, by entering the password which is set at 4,2,3,1. Information available is historical cash counted, resettable cash counted for each selection, historical sale (total number of vends), resettable vends counted for each selection, error codes, and return. Refer to the "CASH", "SALE", AND "EROR" routines for instructions to move through the menus.

PROGRAMMING MENU

"EROR" - ERROR ROUTINE

This function allows you to enter the error readout routine. "EROR" will appear when you press the service button on the control board. Press select button 4, if there have been no errors since the last reset, the display will read "NONE". If one or more errors have occurred, the display will show the first error code that occurred.

The following are error codes that may be displayed and detailed information accessed: **NONE, VEND, CTRL, SEL, STS, CHAR, BUAL, CRDR, S-D, and RFRG.**

Press select button 2 or 3 to scroll through any error codes that are present.

Important: If there is only one problem, that will be the only error code shown when you enter the error code sub-menus.

With an error code showing on the display, press select button 4 to access detailed information.

With an error code showing on the display, press and hold select button 4 for 2 seconds, will clear the error.

Press select button 1 to return to "EROR".

"VEND" - Vend Mechanism Summary Errors

Press select button 4 and the display will show one of the following:

- "CJ#", where # is the column number detected jammed.
- "CS", chute sensor failure.
- "HS", home sense error.

Press select button 1 will return to "VEND" if all vend mech errors have not been cleared.

If all vend mech errors have been cleared the next error mode will be displayed, or "NONE" if there are no errors.

Press select button 1 will return to "EROR".

"CTRL" - Control System Summary Errors

Press select button 4 and the display will show one of the following:

- "DS", indicating a door switch in the open position for more than 1 hour.
- "RAM", indicating the check sum for service mode settings memory has been corrupted.
- "ACLO", indicating AC supply to the machine has fallen more than 15% below normal line voltage for more than 30 seconds.
- "SF", indicating a peripheral has introduced a scaling factor that is incompatible with current setting.

Press select button 1 will return to "CTRL" if all control system errors have not been cleared.

If all control system errors have been cleared the next error code will be displayed, or "NONE" if there are no errors.

Press select button 1 will return to "EROR".

"SEL" - Select Switch Summary Errors

Press select button 4 and the display will show "SL##", indicating a select switch has been active for more than 15 seconds while in normal (sales) mode.

Press select button 1 will return to "SEL" if all select switch errors have not been cleared.

If all select switch errors have been cleared the next error code will be displayed or "NONE" if there are no errors.

Press select button 1 will return to "EROR".

"STS" - Space To Sales Summary Errors

Press select button 4 and the display will show "UA##", indicating a column not assigned to a select button.

Press select button 1 will return to "STS" if all space-to-sales errors have not been cleared.

If all space-to-sales errors have been cleared the next error code will be displayed, or "NONE" if there are no errors.

Press select button 1 will return to "EROR".

"CHAR" - Changer Summary Errors

Press select button 4 and the display will show one of the following:

- **"CC"**, indicating a changer communication error. (No communication for more than 2 seconds)
- **"TS"**, indicating a tube sensor error.
- **"IC"**, indicating an inlet chute blocked error (no coins sensed in acceptor for 96 hours).
- **"TJ##"**, indicating a tube jam error.
- **"CRCH"**, indicating a changer ROM check sum error (failed changer).
- **"EE"**, indicating excessive escrow attempts (more than 255 since last coin sensed).
- **"NJ"**, indicating a coin jam reported by coin mech.
- **"LA"**, indicating a low coin acceptance rate (less than 80%).
- **"DIS"**, indicating an acceptor is unplugged.
- **"ROUT"**, indicating a coin was misrouted.

Press select button 1 will return to **"CHAR"** if all changer errors have not been cleared.

If all changer errors have been cleared the next error code will be displayed or **"NONE"** if there are no errors.

Press select button 1 will return to **"EROR"**.

"BUAL" - Bill Validator Summary Errors

Press select button 4 and the display will show one of the following:

- **"BC"**, indicating a bill validator communication error. (No communication for more than 5 seconds)
- **"BFUL"**, indicating the bill stacker is full.
- **"BILL"**, indicating a defective motor in the validator.
- **"BJ"**, indicating a bill jam in the validator.
- **"BRCH"**, indicating a check sum error.
- **"BOPN"**, indicating an open stacker.
- **"BS"**, indicating a bill validator sensor error.

Press select button 1 will return to **"BUAL"** if all changer errors have not been cleared.

If all validator errors have been cleared the next error code will be displayed or **"NONE"** if there are no errors.

Press select button 1 will return to **"EROR"**.

"CRDR" - Card Reader Summary Errors

Press select button 4 and the display will show one of the following:

- **"CRC"**, indicating no card reader communication for 5 seconds.
- **"CRXY"**, indicating the most recent "non-transient error" from the card reader (failed card reader).

Press select button 1 will return to **"CRDR"** if all changer errors have not been cleared.

If all card reader errors have been cleared the next error code will be displayed or **"NONE"** if there are no errors.

Press select button 1 will return to **"EROR"**.

Press select button 2 will scroll to the next routine.

"S-D" - Display Device Summary Errors

Press select button 4 and the display will show one of the following:

- **"SDC"**, indicating no display device communication for 5 seconds.
- **"SDXX"**, error code number **"XX"**.

Press select button 1 will return to **"S-D"** if all display device errors have not been cleared.

If all display device errors have been cleared the next error code will be displayed or **"NONE"** if there are no errors.

Press select button 1 will return to **"EROR"**.

Press select button 2 will scroll to the next routine.

"RFRG" - Refrigeration Summary Errors

Press select button 4 and the display shows one of the following:

- **"SENS"**, indicating the temperature sensor is defective or unplugged.
- **"COLD"**, indicating the cabinet temperature is 3⁰ F below lower limit.
- **"HOT"**, indicating the cabinet temperature is 3⁰ F above upper limit.
- **"CNPR"**, indicating the cooling system has failed to decrease temperature 1⁰ F per hour while the compressor is running.

"CPO" - COIN PAYOUT ROUTINE

This function allows you to dump coins from the coin mechanism.

Press select button 4 to enter mode and the lowest coin value dispensable will show on the display. If a coin mech is not in the vender **"NOCM"** will be displayed.

Press select button 2 or 3 to scroll through the different coin values available.

Press and hold select button 4 to dump the coins whose value is shown on the display.

Press select button 1 will return to **"CPO"**.

Press select button 2 to scroll to the next routine.

"TUFL" - TUBE FILL ROUTINE

This function allows you to count the coins loaded in the top (separator) of the coin mech that will be routed to an inventory tube. Press select button 4 to enter mode and the total number of the coin type being entered will be displayed and counted in the vender controller as they are installed. If a coin mech is not in the vender **"NOCM"** will be displayed. The controller will inhibit the acceptance of any coin, which does not go to a tube during this procedure. If a tube full status is detected, that coin type will be inhibited. When you finish loading all coins:

- Press select button 1 to return to **"TUFL"**.
- Press select button 2 to scroll to the next routine.

"TEST" - TEST ROUTINE

This function allows you to diagnose different functions of the vender.

Press select button 4 and the display will show **"VEND"**.

Press select button 2 or 3 to scroll through the test routines available.

Press select button 1 to return to **"TEST"**.

"VEND" - Vend Testing

This function allows you to test vend each column.

Press select button 4 and the display will show **"CO-1"**.

Press select buttons 2 or 3 to scroll through the columns available to run in motor test.

Press select button 4 to run the motor of the column displayed. The Display will show **"VEND"** and the Motor will run until a product is dispensed or the motor cycles through the package set cycles and determines column is sold out.

Press select button 1 will return to **"VEND"**.

Press select button 2 to scroll to next test mode.

"JOG" - Jog Test or Prime

This function allows you to test jog or prime each column.

Press select button 4 and the display will show **"CO-1"**.

Press select buttons 2 or 3 to scroll through the columns available to run in jog test.

Press select button 4 to select the column displayed and **"FOR"** is displayed.

Press select buttons 2 or 3 to scroll through **"FOR"**(forward), **"REV"**(reverse), and **"PRIM"**(prime) motor direction.

Press select button 4 to jog/prime the selected motor in the displayed direction.

Press select button 1 will return to **"CO-X"** where **X** is the column that was previously tested.

Press select button 1 again will return to **"JOG"**.

Press select button 2 to scroll to next test mode.

"SL" - Select Switch Test

This function allows you to test each select switch.

Press select button 4 and the display will show "4". Then press any select button and the display will show the last select button pressed.

Press and hold select button 1 for approximately 5 seconds will return to "SL".

Press select button 2 to scroll to the next test mode.

"SO" - Sold Out Test

This function allows you to view if a column is sold-out or not sold-out.

Press select button 4 and the display will show "C##", where **C#** represents the column number being checked and second **# 0** = not sold-out, **1** = sold-out.

On machines with DC motors, the current sold out state will be displayed.

Press select button 1 to return to "SO".

Press select button 2 to scroll to the next test mode.

"DSP" - Display Test

This function allows you to test all segments in the display.

Press select button 4 and the display segments will illuminate in the following manner; all vertical elements followed by all horizontal elements, then all diagonal elements. All sold-out indicators (if used) are lit with the horizontal elements and "Use Correct Change Only" indicators are lit with the vertical elements.

Press select button 1 to return to "DSP".

Press select button 2 to scroll to "RELY".

"RELY" – Relay Test

This function allows you to test the relay electronic control of the compressor (**CNP#**), the evaporator fan(s) (**FAN#**), and the sign front light (**LIT#**).

CAUTION: *Disconnect power to the compressor before testing the compressor relay. Failure to disconnect power to the compressor before testing the relay could result in damaging the compressor.*

Press select button 4 and the display will show "CNP#", where # is the state of the relay –

0 = not activated or off; 1 = activated or on. Press select button 4 to toggle the relay on and off.

Press select button 2 to scroll to "FAN#", where # is the state of the relay – 0 = activated or on, 1 = deactivated or off. Press select button 4 to toggle the fan(s) on and off.

Press select button 2 to scroll to "LIT#", where # is the state of the relay – 0 = activated or on, 1 = deactivated or off. Press select button 4 to toggle the lights on and off.

Press select button 1 to return to "RELY".

Press select button 1 again to return to "TEST".

Press select button 2 to scroll to "PASS".

*** "PASS" - PASSWORD ROUTINE**

This function allows you to enter the following routines, which are not accessible until the operator enters a password, which is set as 4-2-3-1. To enter the password, press select button 4 until the display goes blank. Then press select button 2, then 3, then 1, and then 4, and "CASH" should appear on the display. If not entered properly, the display will return to "PASS". If entered correctly, the display will go to the next function "CASH".

*** "CASH" - CASH COUNTER ROUTINE**

This function will show the user the vender historical total cash counted and the resettable cash counted for each selection for the vender.

Press select button 4 and "**CASH**"/"####"/"##.##" will show on the display where the 8 "#" characters are the historical total cash counters that have been recorded. Note: Leading zeros are not displayed. *Example:* Display flashes "**CASH**", then "**26**", then "**2500**". This is \$2625.00 historical total cash.

Press select button 2 or 3 to display "**CA#**"/"####"/"##.##" where the character "**CA#**" is a selection number and the 8 "#" characters are the resettable cash counters for that selection. Note: Leading zeros are not displayed. Pressing select button 2 or 3 at this time will scroll through the available selection cash counters. Example: Display flashes "**CA1**", then "**5**", then "**20.50**". This is \$520.50 resettable cash for selection #1. Press select button 1 to return to "**CASH**"/"####"/"##.##". Press select button 1 again to return to "**CASH**".

Press select button 2 to scroll to the next routine.

*** "SALE" - SALES COUNTER ROUTINE**

This function will show the user the vender historical total number of vends and the resettable vends counted for each selection for the vender.

Press select button 4 and "**SALE**"/"####"/"####" will show on the display where the 8 "#" characters are the historical total vend counters that have been recorded. Note: Leading zeros are not displayed. *Example:* Display flashes "**SALE**", then "**1325**". This is 1325 historical vends.

Press select button 2 or 3 to display "**SL#**"/"####"/"####", where the "**SL#**" character is a selection number and the 8 "#" characters are the resettable vend counters for that selection. Note: Leading zeros are not displayed. Pressing select button 2 or 3 at this time will scroll through the available selection vend counters. Example: Display flashes "**SL 1**" then "**145**". This is 145 resettable vends counted for selection 1. Pressing select button 1 will return to "**SALE**"/"####"/"####". Press select button 1 to return to "**SALE**".

Press select button 2 to scroll to the next routine.

*** "PRIC" - PRICE SETTING ROUTINE**

This function allows the user to set pricing. When Configuration Switch 1 is programmed to "**C1 1**", multi-pricing is on and a price for each selection needs to be set.

Press select button 4 and "**PR1**" will show on the display.

Press select button 4 to set the price on select button 1, "**00.00**" or current price setting will show on the display.

Press select button 2 or 3 to change the price setting for selection 1.

Press select button 4 to enter the price selected and the display will return to "**PR1**".

Press select button 2 to scroll to the next selection you wish to set price. Press select button 4, set the price and enter the price. Repeat these steps for each select button until all prices are set. Note: Selections go PR1 through ALL.

If Configuration Switch 1 is programmed to "C1 0", single price, set SPRI1 as described above. The price entered for SPRI1 will be set for all selections.

Press select button 1 to return to "**PRIC**".

Press select button 2 to scroll to the next routine.

* "STS" - SPACE-TO-SALES ROUTINE

This function allows you to change the space-to-sales settings.

Press select button 4 and "OPT#" or "CSTS" will show on the display, this indicates the current space-to-sales option.

Press select button 2 or 3 to scroll through the options.

Press select button 4, with the desired option showing on the display, to save that option and return to "STS".

SELECT / COLUMN OPTIONS							SELECT / COLUMN OPTIONS						
DN504P LMV							DN504P CCC						
Select #	Opt1	Opt2	Opt3	Opt4	Opt5	Opt6	Select #	Opt1	Opt2	Opt3	Opt4	Opt5	Opt6
1	1	1	1	1	1	1	1	1,2	1	1	1	1	1
2	1	2	2	2	2	2	2	3	2,3	2	2	2	2
3	2	2	3	3	3	3	3	4	4	3,4	3	3	3
4	3	3	3	4	4	4	4	5	5	5	4,5	4	4
5	4	4	4	4	5	5	5	6	6	6	6	5,6	5
6	5	5	5	5	5	6	6	7	7	7	7	7	6,7
7	6	6	6	6	6	6							
8	7	7	7	7	7	7							
DN720P LMV							DN720P CCC						
Select #	Opt1	Opt2	Opt3	Opt4	Opt5	Opt6	Select #	Opt1	Opt2	Opt3	Opt4	Opt5	Opt6
1	1	1	1	1	1	1	1	1,2	1	1	1	1	1
2	1	2	2	2	2	2	2	3,4	2,3	2	2	2	2
3	2	2	3	3	3	3	3	5	4,5	3,4	3	3	3
4	2	3	3	4	4	4	4	6	6	5,6	4,5	4	4
5	3	3	4	4	5	5	5	7	7	7	6,7	5,6	5
6	4	4	4	5	5	6	6	8	8	8	8	7,8	6,7
7	5	5	5	5	6	6	7	9	9	9	9	9	8,9
8	6	6	6	6	6	7	8	10	10	10	10	10	10
9	7	7	7	7	7	7							
10	8	8	8	8	8	8							
11	9	9	9	9	9	9							
12	10	10	10	10	10	10							

NA = Not Applicable

"CSTS" - Custom space-to-sales allows you to assign columns to select buttons.
 Press select button 4 and "SL###" will alternate showing on the display. **SL#** is the select button number and **##** is the column(s) currently assigned or "NONE".
 Press select button 4 and "CO#" will show on the display. "CO#" is the column number to be added or deleted to select button.
 Press select button 4 and "CO # #" will show on the display with # blinking on the display; 0 = off or delete, 1 = on or add.
 Press button 2 to scroll between 0 and 1. With the setting you wish to use showing on the display press select #4 and return to "CO#".
 Press select button 1 will return to "SL###".
 Press select button 1 again will go to "SAVE".
 Press select button 4 to save and display will go to "STS".
 Repeat steps above to add/delete columns to each selection.
 Press select button 2 to scroll to next routine.

* "CON" - MACHINE CONFIGURATION

This function allows the user to access and change the programming of the following machine configuration settings. If you press select button 4 and the display shows "LOC", this means configuration setting changes will not be allowed. If "C1" is displayed, then configuration setting changes will be allowed. "LOC" can only be enabled or disabled through DEX programming. If "C1" is displayed, the listed settings are available. Note: You must press select button 4 with the configuration code displayed if you wish to enter the edit mode. The "0" or "1" will be flashing to acknowledge you are in the edit mode.
 IMPORTANT: All machine configuration codes are disabled coming from the factory (C #0).

C1 - Configuration Switch 1 - Multi-Price Setting Mode

This code is used to enable the single price mode "C1 0" or multi-price mode "C1 1".
 Press select button 4 and "C1 #" will be displayed, with the "#" flashing.
 Press select buttons 2 or 3 to scroll between "C1 0" and "C1 1".
 Press select button 4 with the display flashing the setting you wish to use to select that setting, or press select button 1 to return to "C1 #" and keep the original setting.
 Press select button 2 to scroll to "C2 #".

C2 - Configuration Switch 2 - Optional Features Enable

This code is used to allow (C2 1) the following optional features to be displayed and enabled: "DISC", "OVER", "BLC1", "BLC2", and "SDEP".
 Press select button 4 and "C2 #" will be displayed with the # flashing.
 Press select buttons 2 or 3 to scroll between "C2 0" and "C2 1".
 Press select button 4 with the display flashing the setting you wish to use to select that setting, or press select button 1 to return to "C2 #" and keep the original setting.
 Press select button 2 to scroll to "C3".

C3 - Configuration Switch 3 - POS Message

This code is used to disable the point of sale message. C3 0 = enabled, C3 1 = disabled.
 Press select button 4 and "C3 #" will be displayed, with the "#" flashing.
 Press select buttons 2 or 3 to scroll between "C3 0" and "C3 1".
 Press select button 4 with the display flashing the setting you wish to use to select that setting, or press select button 1 to return to "C3 #" and keep the original setting.
 Press select button 2 to scroll to "C4".

C4 - Configuration Switch 4 - Automatic Viewing of Historical Sales and Cash Accounting, EROR or NONE

This code is used to enable viewing of historical sales and cash, and **EROR** or **NONE** automatically when the door is opened. To enable automatic viewing option enter "C4 1"; to disable enter "C4 0". At "C4 0" any existing errors or "NONE" is automatically displays when the door is open.
 Press select button 4 and "C4 #" will be displayed, with the "#" flashing.
 Press select button 2 or 3 to scroll between "C4 0" and "C4 1".
 Press select button 4 with the display flashing the setting you wish to use to select that setting, or press select button 1 to return to "C4 #" and keep the original setting.
 Press select button 2 to scroll to "C5".

C5 - Configuration Switch 5 - Door Switch Reset Status

This code is used to reset all resettable data when the door switch is cycled and at least one data register is read via the display when set at "C5 1" or to reset all resettable data only when the "RESET" command is received via handheld or portable computer when set at "C5 0".
 Press select button 4 and "C5 #" will be displayed, with the "#" flashing.
 Press select buttons 2 or 3 to scroll between "C5 0" and "C5 1".
 Press select button 4 with the display flashing the setting you wish to use to select that setting, or press select button 1 to return to "C5 #" and keep the original setting.
 Press select button 2 to scroll to "C6".

- C6 - Configuration Switch 6 - Reserved**
This code is reserved for future use.
Press select button 2 to scroll to "**C7**".
- C7 - Configuration Switch 7 - Save Credit**
This code is used to determine how long a credit will be saved.
C7 0 will save the credit for five minutes. **C7 1** will save the credit indefinitely.
Press select button 4 and "**C7 #**" will be displayed, with the "**#**" flashing.
Press select button 2 or 3 to scroll between **C7 0** and **C7 1**.
Press select button 4 with the display flashing the setting you wish to use to select that setting, or press select button 1 to return to "**C7 #**" and keep the original setting.
Press select button 2 to scroll to "**C8**".
- C8 - Configuration Switch 8 - Force Vend**
This code is used to determine escrow to select or escrow to price.
C8 0 will set vender to escrow to select and **C8 1** will set vender to escrow to price.
Press select button 4 and "**C8 #**" will be displayed, with the "**#**" flashing.
Press select button 2 or 3 to scroll between **C8 0** and **C8 1**.
Press select button 4 with the display flashing the setting you wish to use to select that setting, or press select button 1 to return to "**C8 #**" and keep the original setting.
Press select button 2 to scroll to "**C9**".
- C9 - Configuration Switch 9 - Multi Vend**
This code is used to allow multiple vends without re-depositing funds.
C9 0 will not allow multiple vends and **C9 1** will allow multiple vends.
Press select button 4 and "**C9 #**" will be displayed, with the "**#**" flashing.
Press select button 2 or 3 to scroll between **C9 0** and **C9 1**.
Press select button 4 with the display flashing the setting you wish to use to select that setting, or press select button 1 to return to "**C9 #**" and keep the original setting.
Press select button 2 to scroll to "**C10**".
- C10 - Configuration Switch 10 - Bill Escrow Inhibit**
This code is used to allow last bill that meets or exceeds maximum vend price to be held in escrow.
C10 0 will escrow bill and **C10 1** will not escrow bill.
Press select button 4 and "**C10 #**" will be displayed, with the "**#**" flashing.
Press select button 2 or 3 to scroll between **C10 0** and **C10 1**.
Press select button 4 with the display flashing the setting you wish to use to select that setting, or press select button 1 to return to "**C10 #**" and keep the original setting.
Press select button 2 to scroll to the next configuration code.
Press select button 1 to return to "**CON**".
Press select button 2 will scroll to next routine.

***"CCOC" - CORRECT CHANGE ONLY CONTROL ROUTINE**

This function is used to allow consumer overpay, set a correct change value, and set an unconditional acceptance value.

Press select button 4 will display "**CON#**" where # is the current setting of allow consumer overpay. Press select button 2 or 3 to scroll to "**CCU**" or "**ACC**".

- "CON#" - Allow Consumer Overpay**
This function allows the vender to vend with the risk of not being able to return the full amount of change. This function has to be turned on "**CON1**" to use the value set in "**ACC**".
Press select button 4 and display will show "**CON#**" with the # flashing.
CON1 will allow consumer overpay (customer could potentially be shortchanged) and **CON0** will not allow consumer overpay (will not allow customer to be shortchanged).
Press select button 2 or 3 to scroll between **CON0** and **CON1**.
Press select button 4 with the display flashing the setting you wish to use to select that setting, or press select button 1 to return to "**C10 #**" and keep the original setting.
Press select button 2 to scroll to "**CCU**".

"CCU" - Correct Change Value
This is the function that the control board will use to set a value which will turn on the correct change indicator. **Note: The "CCU" must be equal to or greater than the "ACC".**

Note: If the value set is 00.00, the correct change indicator will never come on.
If the controller determines that it cannot return the exact amount of the correct change value or any value less than it then the indicator will be turned on.
Press select button 4 and the display will show "##.##" with leading zeros not being displayed.
Press select button 2 or 3 to scroll from .00 to 99.99.
Press select button 4 with the display showing the value you wish to use to accept that value, or select button 1 to keep the original value displayed. Display will return to **"CCU"**
Press select button 2 to scroll to **"ACC"**.

"ACC" - Unconditional Acceptance Value
This is the function that the control board will use to set the largest value of any single form of currency (coin or bill) that can be accepted. . **Note: if "ACC" is set to a value greater than "CCU" the "CCU" value will be automatically set equal to the "ACC" value.**
Press select button 4 and the display will show "##.##" with leading zeros not being displayed.
Press select button 2 or 3 to scroll from .00 to 99.99.
Press select button 4 with the display showing the value you wish to use to accept that value, or select button 1 to keep the original value displayed. Display will return to **"ACC"**.
Press select button 1 to return to **"CCOC"**.
Press select button 2 to scroll to next routine.

***"PREV" - PREVIEW DATA PASSWORD ROUTINE**

This function is used to enable viewing of cash collected, product sales, and error codes without opening the door. To view the data the 4 digit password (4-2-3-1) must be entered with the door closed. Once entered the **"CASH"**, **"SALE"**, **"EROR"**, and **"RTN"** menus are available from the front of the vender. To view, follow instructions for cash counter routine, sales counter routines, error routine and return.

To change **"PREV"** password:

At **"PREV"** press select button 4, **"####"** (representing current four digit password) will show on display with the far left digit blinking. Press select button 2 or 3 to scroll to number desired for password. Press select button 4 to accept the flashing digit. The next digit will start blinking, press select button 2 or 3 to scroll to number desired for password. Press select button 4 to accept the flashing digit. Continue this process until all 4 digits are set. Then press select button 4 and the display will return to **"PREV"** and the new password has been saved. Pressing select button 1 at anytime during this routine will return to **"PREV"** with no changes to password occurring.

Press select button 2 to scroll to next routine.

***"LANG" - LANGUAGE**

This function is used to set the language that will be used for display messages. **Note: This does not change the menu prompts.**

Press select button 4 and the display will show the language currently set in the controller.
Press select button 2 or 3 to scroll through the languages available.

ENG - English	ITA - Italian	SLO - Slovene
FRN - French	PORT - Portuguese	FIN - Finnish
GER - German	ESP - Spanish	NOR - Norwegian

With the language you wish to enter showing on the display, press select button 4 and display will return to **"LANG"**. Pressing select button 1 at anytime during this routine will return to **"LANG"** with no changes to password occurring.

Press select button 2 to scroll to next routine.

***"TIME" - TIME AND DATE SETTING ROUTINE**

This function is used to set the year, month, date, and hour (military 24 hour clock).

Press select button 4 and "**ENB#**" will show on display with # showing the current setting for the enable routine.

- "ENB#" - Time and Date Enable Routine**
 Press select button 4 and # will flash.
 Press select button 2 to scroll between **ENB0** and **ENB1**.
- Press select button 4 with the display showing the setting you wish to use and display will return to "**ENB#**".
 Press select button 2 to scroll to "**YEAR**".
- "YEAR" - Year Setting (2000 to 2099)**
 Press select button 4 and the current year setting will show on display.
 Press select button 2 or 3 to change the year (2000 to 2099).
 After pressing select button 4 to accept the year on the display, or select button 1 to keep the year originally displayed, the display will return to "**YEAR**".
 Press select button 2 to scroll to "**MTH**".
- "MTH" - Month Setting (01 to 12)**
 Press select button 4 and the current 2 digit month setting will show on display.
 Press select button 2 or 3 to change the month (01 to 12).
 After pressing select button 4 to accept the month on the display, or select button 1 to keep the month originally displayed, the display will return to "**MTH**".
 Press select button 2 to scroll to "**DATE**".
- "DATE" - Day of Month Setting (1 to 31)**
 Press select button 4 and the current 2 digit day of month setting will show on display.
 Press select button 2 or 3 to change the day of month (1 to 31).
 After pressing select button 4 to accept the date on the display, or select button 1 to keep the date originally displayed, the display will return to "**DATE**".
 Press select button 2 to scroll to "**HOUR**".
- "HOUR" - Hour and Minute Setting (0000 to 2359)**
 Press select button 4 and "**hhmm**" will be displayed, where "**hh**" is the hour (military time) and "**mm**" is the minute.
 The hour setting will be blinking to indicate it can be changed. Press select button 2 or 3 to change the hour setting. Press select button 4 to save the hour setting and the minute setting will start blinking to indicate it can be changed. Press select button 2 or 3 to change the minute setting. Press select button 4 will save and return display to "**HOUR**".
 Pressing select button 1 at anytime during this routine will return to "**HOUR**" with no changes to the hour or minute settings occurring.
 Press select button 2 to scroll to "**DST**".
- "DST" - Daylight Saving Time Setting**
 This function is used to set the preferred daylight savings time setting.
 Press select button 4 will display the current setting.
 Press select button 2 or 3 to scroll through the "**DST**" options listed:
 "OFF", no daylight savings time changes made.
 "AUS", Australian rules - Set forward 1 hour at 1:00 am on the first Sunday in October;
 Set backward 1 hour at 1:00 am on the last Sunday in March.
 "EU" European rules - Set forward 1 hour at 1:00 am on the last Sunday in March; Set
 backward 1 hour at 1:00 am on the last Sunday in October.
 "NA" North American rules - Set forward 1 hour at 2:00 am on the first Sunday in April;
 Set backward 1 hour at 2:00 am on the last Sunday in October.
 Press select button 4 with the display showing the setting you wish to use and display will return to "**DST**".
 Pressing select button 1 at anytime during this routine will return to "**DST**" with no changes to the Daylight Savings Time settings occurring.
 Press select button 1 to return to "**TIME**".

Press select button 2 to scroll to next routine.

*"LIT" – LIGHTING CONSERVATION CONTROL ROUTINE)

This function is used to turn the lights off and on during certain periods of the day.

Press select button 4 will enter "**ENB#**" with the current ENB setting displayed.

ENB# - Lighting Conservation Control Enable Routine

This function is used to disable Lighting Conservation Control "**ENB0**" (lights will be on at all times) or enable Lighting Conservation Control "**ENB1**" (lights can be set to turn off).

Press select button 4 and the # will begin to flash.

Press select button 2 or 3 to scroll between "**ENB0**" and "**ENB1**".

Press select button 4 with the display showing the setting you wish to use and the display will return to a solid "**ENB#**".

Press select button 2 to scroll to "**STRT**".

STRT - Start Lighting Conservation Setting (lights off)

This function is used to set the days and time to start Light Conservation when "**ENB 1**" is selected.

Press select button 4 and "**DAY**" will show on the display.

"DAY" - Day to Start Setting.

This function is used to set the days of the week to start Light Conservation.

Press select button 4 and "**xxx#**" will show on the display, where **xxx** will be the day of the week (i.e. MON, TUE, WED, THU, FRI, SAT, SUN, ALL) and **#** is **0** = disable, **1** = enable. With the display showing the day you wish to set press select button 4. The # will start blinking. Press select button 2 or 3 to scroll between "**xxx0**" and "**xxx1**". Press select button 4 with the display showing the setting you wish to use. Display will return to "**xxx#**". Press select button 2 to scroll to the next day to set or press select button 1 to return to "**DAY**".

Press select button 2 to scroll to "**HOURL**".

"HOURL" - Start Hour and Minute Setting

This function is used to set the hours to start Light Conservation (lamps off).

Press select button 4 and "**hhmm**" will show on the display, where "**hh**" is the hour (military time) and "**mm**" is the minute. "**hh**" will be blinking, indicating the hour setting may be changed. Press select button 2 to scroll from 00 to 23. With the display showing the hour you wish to start Light Conservation, press select button 4. "**mm**" will start blinking, indicating the minute setting may be changed. Press select button 2 to scroll from 00 to 59. With the display showing the minute you wish to start Light Conservation, press select button 4. The display will return to "**HOURL**".

Press select button 1 to return to "**STRT**".

Press select button 2 to scroll to "**STOP**".

"STOP" - Stop Light Conservation Setting (lights on)

This function is used to set the days and time to stop Light Conservation.

Press select button 4 and "**DAY**" will show on the display.

"DAY" - Day To Stop Setting

This function is used to set the days of the week to stop Light Conservation and can be set in the same manner as Day to Start Setting.

"HOURL" - Stop Hour and Minute Setting

This function is used to set the hours and minutes to stop Light Conservation and can be set in the same manner as Start Hour and Minute Setting.

Press select button 1 to return to "**STOP**".

Press select button 1 to return to "**LIT**".

Press select button 2 to scroll to next routine.

****RFRG** – REFRIGERATION ROUTINE**

This function is used to electronically control the refrigeration operations of the vender. Press select button 4 will enter “ENB#” with # showing the current “ENB” setting.

ENB# - Energy Conservation Enable Routine
This function is used to disable Energy Conservation “ENB0” or enable Energy Conservation “ENB1”. When enabled the cabinet temperature will be allowed to rise to the programmed storage level “STOR” during the following programmed time blocks.

Press select button 4 and the current “ENB#” setting (#) will start flashing.

Press select button 2 or 3 to scroll between “ENB0” and “ENB1”.

Press select button 4 with the display showing the setting you wish to use and the display will return to a solid “ENB#”.

Press select button 2 to scroll to “STRT”.

“STRT” - Start Energy Conservation
This function is used to set the days and time to start Energy Conservation when “ENB1” is selected.
Press select button 4 and “DAY” will show on the display.

“DAY” - Day to Start Setting

This function is used to set the days of the week to start Energy Conservation.

Press select button 4 and “xxx#” will show on the display, where xxx will be the day of the week (i.e. MON, TUE, WED, THU, FRI, SAT, SUN, ALL) and # is 0 = disable,

1 = enable. With the display showing the day you wish to set press select button 4.

The # will start blinking. Press select button 2 or 3 to scroll between “xxx0” and

“xxx1”. Press select button 4 with the display showing the setting you wish to use.

Display will return to “xxx#”. Press select button 2 to scroll to the next day to set or

press select button 1 to return to “DAY”.

Press select button 2 to scroll to “HOUR”.

“HOUR” - Start Hour and Minute Setting

This function is used to set the hours to start Energy Conservation.

Press select button 4 and “hhmm” will show on the display, where “hh” is the hour

(military time) and “mm” is the minute. “hh” will be blinking, indicating the hour

setting may be changed. Press select button 2 to scroll from 00 to 23. With the

display showing the hour you wish to start Energy Conservation, press select button

4. “mm” will start blinking, indicating the minute setting may be changed. Press

select button 2 to scroll from 00 to 59. With the display showing the minute you

wish to start Energy Conservation, press select button 4. The display will return to

“HOUR”.

Press select button 1 to return to “STRT”.

Press select button 2 to scroll to “STOP”.

“STOP” - Stop Energy Conservation Setting
This function is used to set the days and time to stop Energy Conservation when “ENB1” is selected.
Press select button 4 and “DAY” will show on the display.

“DAY” - Day To Stop Setting

This function is used to set the days of the week to stop Energy Conservation and can be set in the same manner as Day to Start Setting.

“HOUR” - Stop Hour and Minute Setting

This function is used to set the hours and minutes to stop Energy Conservation

and can be set in the same manner as Start Hour and Minute Setting.

Press select button 1 to return to “STOP”.

Press select button 2 to scroll to “DEGX”.

- "DEGX"** - Degree Fahrenheit / Celsius Setting Routine (X is the current setting F or C)
 This function is used to set the degree reading to Fahrenheit (DEGF) or Celsius (DEGC).
 Press select button 4 and "DEGX", where the current setting (X) will be blinking. Press select button 2 or 3 to scroll between DEGF and DEGC.
 Press select button 4 with the display showing the setting you wish to use and the display will return to a solid "DEGX", or press select button 1 to keep the original setting before returning to the solid "DEGX" display.
 Press select button 2 to scroll to **"SETP"**.
- "SETP"** - Set Point Control Routine (Default Temperature 35⁰F / 1.5⁰ C)
 This function is used to set the average product temperature for initial pull down and reload recovery.
 Press select button 4 and "tt.tx" will show on the display where x is F (Fahrenheit) or C (Celsius) and tt.t is the degrees.
 Press select button 2 to increase or 3 to decrease the number by 1°F or 0.5°C. With the display showing the set point temperature you wish to use, press select button 4.
 Pressing select button 1 while in this submenu will return to the **"SETP"** prompt and keep the original **"SETP"** setting.
 Press select button 2 to scroll to **"STOR"**.
- "STOR"** - Storage Setting Routine (Default Temperature 60⁰F / 15.5⁰ C)
 This function is used to set the temperature for product storage and is used when Energy Conservation is enabled.
 Press select button 4 and "tt.tx" will show on display when x is F (Fahrenheit) or C (Celsius) and tt.t is the degrees.
 Press select button 2 to increase and 3 to decrease the number by 1°F or 0.5°C. With the display showing the storage setting you wish to use, press select button 4.
 Pressing select button 1 while in this submenu will return to the **"STOR"** prompt and keep the original **"STOR"** setting.
 Press select button 2 to scroll to **"DSPX"**.
- "DSPX"** - POS Temperature Display Enable Routine
 This function is used to enable the POS Temperature to be displayed following the **"ICE COLD COCA COLA"** POS message.
 Press select button 4 and **"DSPX"** will show on the display where x is the current setting. With **"X"** blinking, press select button 2 or 3 to scroll between **"DSPO"** disabled or not displayed and **"DSP1"** enabled or displayed. With the display showing the setting you wish to use, press select button 4.
 Press select button 1 to return to **"RFRG"**.
 Press select button 2 to scroll to next routine.

***"BLC1" - BLOCK SELECTION BANK 1 ROUTINE (CON 2 must be enabled - C2 1)**

This function is used to set selections which will be blocked during certain periods of the day.
 Press select button 4 will enter **"ENB#"** with # being the current enable setting (0 or 1).

- "ENB#"** - Blocking Enable Routine
 This function is used to disable blocking **"ENB0"** or enable blocking **"ENB1"**.
 When enabled, active selections will not be allowed to vend on the days and times programmed.
 Press select button 4 and the current ENB setting will flash.
 Press select button 2 or 3 to scroll between **"ENB0"** and **"ENB1"**.
 Press select button 4 with the display showing the setting you wish to use.
 Display will return to a solid **"ENB#"**.
 Press select button 2 to scroll to **"STRT"**.
- "STRT"** - Start Selection Blocking Routine
 This function is used to set the day(s) and time to start selection blocking when blocking is enabled (**"ENB1"**).
 Press select button 4 and **"DAY"** will show on the display.
- "DAY"** - Day of Week Start Setting

This function is used to set the day(s) of the week to start selection blocking. Press select button 4 and "**xxx#**" will show on the display, where xxx will be the day of the week (i.e. MON, TUE, WED, THU, FRI, SAT, SUN, ALL) and # is **0** = disable, **1** = enable. With the display showing the day you wish to set press select button 4. The # will start blinking. Press select button 2 or 3 to scroll between "**xxx0**" and "**xxx1**". Press select button 4 with the display showing the setting you wish to use. Display will return to "**xxx#**". Press select button 2 to scroll to the next day to set or press select button 1 to return to "**DAY**". Press select button 2 to scroll to "**HOUR**".

"HOUR" - Start Hour and Minute Setting

This function is used to set the hours and minutes to start selection blocking. Press select button 4 and "**hhmm**" will show on the display, where hh is the hour (military time) and mm is the minute. "**hh**" will be blinking, indicating the hour setting may be changed. Press select button 2 to scroll from 00 to 23. With the display showing the hour you wish to start selection blocking, press select button 4. "**mm**" will then start blinking, indicating the minute setting may be changed. Press select button 2 to scroll from 00 to 59. With the display showing the minute you wish to start selection blocking, press select button 4. The display will return to "**HOUR**". Press select button 1 to return to "**STRT**". Press select button 2 to scroll to "**STOP**".

"STOP" - Stop Selection Blocking Routine

This function is used to set the day(s) and times to stop selection blocking. Press select button 4 and "**DAY**" will show on the display.

"DAY" - Day of Week Stop Setting

This function is used to set the days of the week to stop selection blocking and can be set in the same manner as Day of Week Start Setting.

"HOUR" - Stop Hour and Minute Setting

This function is used to set the hours and minutes to stop selection blocking and can be set in the same manner as Start Hour and Minute Setting. Press select button 1 to return to "**STOP**". Press select button 2 to scroll to "**SEL**".

"SEL" - Selection To Be Affected By Blocking

This function is used to set selection(s) which will be blocked during certain periods of the day. Press select button 4 and **XX#** will be displayed, where XX is the selection number and # is the current setting for the selection number displayed. **0** = disabled, **1** = enabled. Press select button 2 or 3 to scroll to the select button number setting you desire to change. Press select button 4 with the select button number showing you wish to change (i.e. 01#) and the # will start flashing. Press select button 2 or 3 to scroll between **xx 0** and **xx 1**. Press select button 4 with the display showing the setting you wish to use to save that setting. Press select button 1 with the display flashing the enable setting will keep the original setting. Display will return to a solid "**XX #**". Press select button 1 to return to "**SEL**". Press select button 2 to scroll to "**LITX**".

"LITX" - Lighting / P.O.S. Display Control

This function is used to turn the lights (if supported) off during selection blocking period 1. **0** = disable or on; **1** = enable or off. Press select button 4 and the "**X**" will start flashing. Press select button 2 or 3 to scroll between "**LIT0**" and "**LIT1**". Press select button 4 with the display showing the setting you wish to use to save the setting.

Press select button 1 with the display flashing the light setting will keep the original setting.
 Display will return to "LITX".
 Press select button 1 to return to "BLC1".
 Press select button 2 to scroll to "BLC2".

***"BLC2" - BLOCK SELECTION BANK 2 ROUTINE (CON 2 must be enabled - C2 1)**

This function is a second set used to set selection(s) which will be blocked during certain periods of the day.
 Press select button 4 will enter "ENB#" with # being the current enable setting.

"ENB#" - Blocking Enable Routine.

Set this function using instruction for "ENB#" in "BLC1".

"STRT" - Start Selection Blocking Routine

This function is used to set the day(s) and times to start selection blocking.
 Press selection button 4 and "DAY" will show on the display.

"DAY" - Day of Week Start Setting

Set this feature using instructions for "BLC1" "STRT" "DAY".

"HOUR" - Start Hour and Minute Setting

Set this function using instructions for "BLC1" "HOUR" "DAY".

"STOP" - Stop Selection Blocking Routine.

This function is used to set the day(s) and times to stop selection blocking.
 Press select button 4 and "DAY" will show on the display.

"DAY" - Day of Week Stop Setting

Set this function using instructions for "BLC1" "STOP" "DAY".

"HOUR" - Stop Hour and Minute Setting

Set this function using instructions for "BLC1" "STOP" "HOUR".

Press select button 1 to return to "STOP".

Press select button 2 to scroll to "SEL".

"SEL" - Selection To Be Affected By Blocking

This function is used to set selection(s) which will be blocked during certain periods of the day.
 Set this function using instructions for "BLC1" "SEL".

Press select button 1 to return to "SEL".

Press select button 2 to scroll to "LITX".

"LITX" - Lighting / P.O.S. Display Control

This function is used to turn the lights (if supported) off during selection blocking period 2.
 Set this function using instructions for "BLC1" "LIT".

Press select button 1 to return to "BLC2".

Press select button 2 to scroll to "DISC".

***"DISC" - DISCOUNT SETTING ROUTINE (CON 2 must be enabled - C2 1)**

This function is used to set the day(s) and times to allow discount prices.

Press select button 4 will enter "ENB#" with # being the current enable setting.

"ENB#" - Discount Setting Enable Routine

This function is used to disable discounting "ENB0" or enable discounting "ENB1".

Press select button 4 and the current ENB setting will flash.

Press select button 2 or 3 to scroll between "ENB0" and "ENB1".

Press select button 4 with the display showing the setting you wish to use.

Display will return to a solid "ENB#".

Press select button 2 to scroll to "STRT".

- "STRT"** - Start Discount Pricing
This function is used to set the day(s) and times to start discount prices.
Press select button 4 and **"DAY"** will show on the display.
- "DAY"** - Day of the Week Start Setting
Set this feature using instructions for **"BLC1" "STRT" "DAY"**.
- "HOUR"** - Start Hour and Minute Settings
Set this feature using instructions for **"BLC1" "STRT" "HOUR"**.
- "STOP"** - Stop Discount Pricing
This function is used to set the day(s) and times to stop discount prices.
Press select button 4 and **"DAY"** will show on the display.
- "DAY"** - Day to Stop Setting
Set this feature using instructions for **"BLC1" "STOP" "DAY"**.
- "HOUR"** - Stop Hour and Minute Setting
Set this function using instructions for **"BLC1" "STOP" "HOUR"**.
- "SEL"** - Selection Affected by Discount Pricing
This function is used to set selection(s) which will be affected by discount prices.
Press select button 4 and **"XX#"** will be displayed, where XX is the selection number and # is the current setting for the selection number displayed. **0** = disabled, **1** = enabled.
Press select button 2 or 3 to scroll to the select button number you desire to change.
Press select button 4 with the select button number showing you wish to change (i.e.01#) and the # will start flashing.
Press select button 2 or 3 to scroll between **"XX 0"** and **"XX 1"**.
Press select button 4 with the display showing the setting you wish to use to save that setting.
Press select button 1 with the display flashing the enable setting will keep the original setting.
Display will return to a solid **XX #**.
Press select button 1 to return to **"SEL"**.
Press select button 2 to scroll to **"LESS"**.
- "LESS"** - Discount Amount
This function is used to set the amount the price will be decreased for selection(s) and times set. Press select button 4 and **"##.##"** will be displayed, where **"##.##"** is the current discount that is set. Press select button 2 or 3 to change the discount amount (.00 to 99.99).
Press select button 4 with the display showing the discount setting you wish to use to save that setting.
Press select button 1 with the display showing the discount setting will keep the original setting.
Display will show **"LESS"**.
Press select button 1 to return to **"DISC"**.
Press select button 2 to scroll to **"OVER"**.

"OVER" - MANUAL SWITCH OVER-RIDE ROUTINE (CON 2 must be enabled - C2 1)

This function is used to allow a key switch (Key Switch Kit 626,020,44x.x4) to over-ride some of the settings stored for normal operations.
This function can be programmed to control one or several of the following features: Free Vend Enable, Vend Enable, Selection Blocking, Discount Pricing, Lighting Control and Refrigeration Control.
Press select button 4 and the display will show **"FRE#"**.
Press select button 2 or 3 to scroll through the over-ride routines available.
Press select button 1 to return to **"OVER"**.

- "FRE#" - Free Vend Enable Routine**
This function is used to set the vender to Free Vend. **0** = disable, **1** = enable.
Press select button 4 and **"#"** will start flashing.
Press select button 2 or 3 to scroll between **"FRE0"** and **"FRE1"**.
Press select button 4 with the display showing the setting you wish to use to save that setting.

Press select button 1 with the display showing the Free Vend setting will keep the original setting.

Display will return to "**FRE#**".

Press select button 2 to scroll to "**UND#**".

"VND#" - Vend Enable Routine

This function is used to set the vender to Override Vending. **0** = disable (allow Vending), **1** = enable (don't allow Vending).

Press select button 4 and "**#**" will start flashing.

Press select button 2 or 3 to scroll between "**UNDO**" and "**UND1**".

Press select button 4 with the display showing the setting you wish to use to save that setting.

Press select button 1 with the display showing the Vend Override setting will keep the original setting.

Display will return to "**UND#**".

Press select button 2 to scroll to "**BLC#**".

"BLC#" - Selection Blocking Over-ride Routine

This function is used to over-ride "**BLC1**" and "**BLC2**" if they are being used. "**BLC0**" is disabled (allow BLC1 and BLC2), "**BLC1**" is enabled (don't allow BLC1 and BLC2).

Press select button 4 and "**#**" will start flashing.

Press select button 2 or 3 to scroll between "**BLC0**" and "**BLC1**".

Press select button 4 with the display showing the setting you wish to use to save that setting.

Press select button 1 with the display showing the Blocking Override setting will keep the original setting.

Display will return to "**BLC#**".

Press select button 2 to scroll to "**DSC#**".

"DSC#" - Discounting Over-ride Routine

This function is used to over-ride "**DISC**" if it is being used. "**DISC0**" is disabled (allow Discounting) and "**DISC1**" is Enabled (don't allow Discounting).

Press select button 4 and "**#**" will start flashing.

Press select button 2 or 3 to scroll between "**DSC0**" and "**DSC1**".

Press select button 4 with the display showing the setting you wish to use to save that setting.

Press select button 1 with the display showing the Discounting Override setting will keep the original setting.

Display will return to "**DSC#**".

Press select button 2 to scroll to "**LIT#**".

"LIT#" - Lighting Control Over-ride Routine

This function is used to over-ride "**LIT**" if it is being used. "**LIT0**" is disabled (allow Lighting Control) and "**LIT1**" is enabled (don't allow Lighting Control).

Press select button 4 and "**#**" will start flashing.

Press select button 2 or 3 to scroll between "**LIT0**" and "**LIT1**".

Press select button 4 with the display showing the setting you wish to use to save that setting.

Press select button 1 with the display showing the Lighting Control Override setting will keep the original setting. Display will return to "**LIT#**". Press select button 2 to scroll to "**FRG#**".

"FRG#" - Refrigeration Control Over-ride Routine

This function is used to over-ride "**RFRG**" if it is being used. "**FRG0**" is disabled (allow Refrigeration Control) and "**FRG1**" is enabled (don't allow Refrigeration Control).

Press select button 4 and "**#**" will start flashing.

Press select button 2 or 3 to scroll between "**FRG0**" and "**FRG1**".

Press select button 4 with the display showing the setting you wish to use to save that setting.

Press select button 1 with the display showing the Refrigeration Control Override setting will keep the original setting.
 Display will return to "**FRG#**".
 Press select button 1 to return to "**OVER**".
 Press select button 2 to scroll to "**SDEP**".

"SDEP" - SET COLUMN DEPTH ROUTINE (CON 2 must be enabled – "C2 1" – This must be set before setting package type to "CUSTOM")

This function is used to set the product depth for the selected column.
 Press select button 4 and the display will show "**XX #**" where XX is the column number and # is the product depth for that column.
 Press select button 4 and the # (depth) will flash.
 Press select button 2 or 3 to set the product depth(1 – 5).
 Press select button 4 to accept the displayed depth, or select button 1 to keep the original depth.
 Press select button 2 or 3 to scroll through the columns available.
 Repeat setting the depth for remaining columns.
 Press select button 1 to return to "**SDEP**".
 Press select button 2 to scroll to "**RVND**".

***"RVND" - REMOTE VEND MECHANISM ROUTINE**

This function is used to set the day(s) and times to activate the vend operation in a satellite vending device.
 Press select button 4 will enter "**STRT**".

"STRT" - Start Satellite Vending Operation

This function is used to set the day(s) and times to start satellite vending.
 Press select button 4 and "**DAY**" will show on the display.

"DAY" - Day of Week Start Setting

This function is used to set the day(s) of the week to start satellite vending.
 Press select button 4 and "**xxx#**" will show on the display, where xxx will be the day of the week (i.e. MON, TUE, WED, THU, FRI, SAT, SUN, ALL) and # is **0** = disable, **1** = enable.
 With the display showing the day you wish to set press select button 4.
 The # will start blinking. Press select button 2 or 3 to scroll between "**xxx0**" and "**xxx1**".
 Press select button 4 with the display showing the setting you wish to use.
 Display will return to "**xxx#**".
 Press select button 2 to scroll to the next day to set or press select button 1 to return to "**DAY**".
 Press select button 2 to scroll to "**HOUR**".

"HOUR" - Start Hour and Minute Setting

This function is used to set the hours and minutes to start satellite vending.
 Press select button 4 and "**hhmm**" will show on the display, where **hh** is the hour (military time) and **mm** is the minute. "**hh**" will be blinking, indicating the hour setting may be changed.
 Press select button 2 to scroll from 00 to 23. With the display showing the hour you wish to start selection blocking, press select button 4. "**mm**" will then start blinking, indicating the minute setting may be changed.
 Press select button 2 to scroll from 00 to 59. With the display showing the minute you wish to start selection blocking, press select button 4. The display will return to "**HOUR**".

Press select button 1 to return to "**STRT**".

Press select button 2 to scroll to "**STOP**".

- "STOP"** - Stop Satellite Vending Operation
This function is used to set the day(s) and times to stop satellite vending.
Press select button 4 and **"DAY"** will show on the display.
- "DAY"** - Day of Week Stop Setting
This function is used to set the days of the week to stop satellite vending and can be set in the same manner as Day of Week Start Setting.
- "HOUR"** - Stop Hour and Minute Setting
This function is used to set the hours and minutes to stop satellite vending and can be set in the same manner as Start Hour and Minute Setting.
Press select button 1 to return to **"STOP"**.
Press select button 2 to scroll to **"SEL"**.
- "SEL"** - Selection To Be Affected By Satellite Vending
This function is used to set selection(s) which will be cause a satellite vending operation during certain periods of the day.
Press select button 4 and **XX#** will be displayed, where **XX** is the selection number and **#** is the current setting for the selection number displayed. **0** = disabled, **1** = enabled.
Press select button 2 or 3 to scroll to the select button number setting you desire to change.
Press select button 4 with the select button number showing you wish to change (i.e. 01#) and the **#** will start flashing.
Press select button 2 or 3 to scroll between **xx 0** and **xx 1**.
Press select button 4 with the display showing the setting you wish to use to save that setting.
Press select button 1 with the display flashing the enable setting will keep the original setting.
Display will return to a solid **XX #**.
Press select button 1 to return to **"SEL"**.
Press select button 2 to scroll to **"RATE"**.
- " RATE "** - Satellite Vend Rate
This function is used to set the number of vends from the programmed selection that will occur before a satellite vend operation is done (rate = 3, every third vend from a programmed selection will cause a satellite vend to be done).
Press select button 4 and **"XXX"** will be displayed, where **"XXX"** is the current satellite vend rate. Press select button 2 or 3 to change the vend rate (0 – 255, a vend rate of 0 will disable the remote vend operation).
Press select button 4 with the display showing the vend rate setting you wish to use to save that setting.
Press select button 1 with the display showing the vend rate setting will keep the original setting.
Display will show **"RATE"**.
Press select button 1 to return to **"RVND"**.
Press select button 2 to scroll to **"PACG"**.

***"PACG" - PACKAGE TYPE SETTING ROUTINE**

This function is used to set the package type for any or all columns in the vending machine.
Press select button 4 will enter **" XX #"**, where **XX** is the column number and **#** is the current package type.
Press select button 2 or 3 to scroll through the column numbers or **"ALL"** for all columns
Press select button 4 and **#** will flash allowing the package type to be selected.
Press select button 2 or 3 to scroll through the package types (**1 – 5**, **"C"** for custom or **"RTN"** for returning without making adjustments.
Press select button 4 to accept the displayed package type or select button 1 to keep the current package type. If package type is **"1"** through **"5"** go to **"SAVE"** will be displayed instructions.

"ANGL" - CUSTOM ANGLE SETTING ROUTINE

If Custom package type is selected "ANGL" is displayed. Press select button 1 to exit without setting angles, or select button 4 to enter angle setting routine.

"1" is displayed for product position 1. Select buttons 2 and 3 will scroll up or down through the product depth set for that column in the "SDEP" menu. **IF "SDEP" ISN'T SET BEFORE SETTING A CUSTOM PACKAGE TYPE, THE DEPTH WILL DEFAULT TO THE DEPTH FOR THE LAST PACKAGE TYPE.**

Press select button 4 at the position prompt and "Hxxx" will be displayed with the xxx flashing, this is the hold angle for the product position last displayed

Press select button 2 or 3 to scroll through the hold angle setting up or down (0 – 359). Press select button 4 to accept the displayed angle.

"Vxxx" will be displayed, this is the vend angle for the last product position displayed.

Press select button 2 or 3 to scroll the vend angle setting up or down (0 – 359). Press select button 4 to accept the displayed angle.

Press select button 1 after the angles have been set for all the product positions.

COMMON PACKAGE SETTING INSTRUCTIONS RESUME HERE

"SAVE" will be displayed.

Press select button 1 to keep the current package type and "XX #" will be displayed.

Press select button 4 to save the package type selected and "PRM#" will be displayed, where # is the column to prime.

Press select button 1 to bypass the prime operation and return to the "XX #" display.

Press select button 4 to prime the indicated column. "PRM" will be displayed while the column is being primed.

"XX #" will be displayed.

Press select button 1 to return to "PACG".

Press select button 2 to scroll to "RTN".

"RTN" - RETURN TO SALES MODE

Press select button 4 will exit Service Mode and return to Sales Mode.

P SERIES SBC QUICK REFERENCE MENU PROMPTS

Main Menu	Sub-Menu	Sub-Sub-Menu	Main Menu	Sub-Menu	Sub-Sub-Menu			
EROR – Error	VEND – Vend Mech Error	CJ# - Column Jam #	TEST con't.	DSP – Dislay	CNP# - Compressor FAN# - Evaporator Fans LIT# - Sign Lights			
		CS – Chute Sensor failure		RELY - Relay				
		HS – Home Sense Error						
		CTRL – Control System Error		DS – Door Switch open		PASS – Password		
				RAM – Check sum error		CASH – Cash Counter	CASH/#####.##	
				ACLO – AC supply low			CA#####.##	
				SF – Peripheral scaling factor		SALE – Sales Counter	SALE/#####.##	
		SEL – Select Switch Error		SL#			SL#####.##	
		STS_ Space to Sales Error		UA# - Column not assigned		PRICE – Price Setting		
		CHAR – Changer Error		CC – No communication		STS – Space to Sales	OPT1 thru 6	
	TS – Tube Sensor error			CSTS – custom				
	IC – Inlet chute blocked		CON	C1 – Multi price				
	TJ## - Tube jam error			C2 – Optional				
	CRCH – Changer ROM error			C3 – POS Message				
	EE – Excessive escrow attempts			C4 – Auto View Sales				
	NJ – Coin Jam			C5 – Door Sw. Reset				
	LA – Low coin acceptance			C6 – RESERVED				
	DIS – Acceptor unplugged			C7 – Save credit				
	ROUT – Coin mis-routed			C8 – Force Vend				
	BUAL – Bill Validator Error		BC – No communication	CCOC – Correct Change Only	C9 – Multi vend			
			BFUL – Stacker Full		C10 – Bill escrow			
			BILL – Defective motor		Con# - Consumer overpay			
			BJ – Bill jam		CCU – Correct Change value			
			BRCH – Check Sum Error	PREV – Preview Data Password	ACC – Uncondition Acceptance			
			BOPN – Stacker open	LANG - Language				
			BS – Sensor error	TIME – Time/Date				
			CRDR – Card Reader Error	CRC – No communication	LIT – Light Conservation			
				CRXY – Failed card reader	RFRG – Refrigeration			
				S-D – Display Device Error	SDC – No communication	BLC1 – Block Selection Bank 1		
	SDXX – error code number XX				BLC2 – Block Selection Bank 2			
	RFRG – Refrigeration Error				SENS – Temp sensor error	DISC – Discount Setting		
					COLD – below lower limit	OVER – Manual Switch Override		
					HOT – above upper limit	SDEP – Set Column Depth		
					CNPR – not cooling	RVND – Remote Vend		
						PACG – Package Type Setting	ANGL – Custom angle set	H### - hold angle
								V### - vend angle
							SAVE	
					RTN - Return			
				(AUTO) Auto test				
			(RTN) Return					
CPO – Coin Payout								
TUFL – Tube Fill								
TEST - Test	VEND – Motor test							
	JOG – Jog or Prime column							
	SL – Select switch							
	SO – Sold out test	C# 1 - Column sold out						
		C# 0 – Column not sold out						

Select Button 1: Abort/Cancel (will return to previous menu prompt or to normal door open mode).

Select Button 2: Scroll up (forward in menu). **Select Button 3:** Scroll down (backward in menu).

Select Button 4: Enter/Save/Clear (allows you to enter a specific prompt, save what you have programmed, or clear the error prompts).

Setting The Vender Type

NORMAL MODE:

Note: If "COLS" appears on the display on power up with the door open, you will need to program the vender model number in the controller. To program with "COLS" on the display press select button 4. The display will show "6" for six columns. Press select button 2 to scroll through available number of columns in the machine. When the displayed number of columns matches the number of columns in the machine, press select button 4 to set the number of columns. "MODL" will appear on the display, press select button 4. The display will show the first available model number for the current vender type. Press select button 2 to scroll through the available vender model numbers for this vender. When the vender type you wish to save is showing on the display, press select button 4. The display will scroll "4 = SET PACKAGE TYPE; 1 = EXIT". Press select button 4 and the display will show "ALL2" with the 2 flashing. This will allow you to set the package type of the machine if it is different that the default of package type 2. Press select button 2 to scroll through the available package types. Press select button 4 to set the displayed package type, and the display will show "SAVE". Press button 4 to save the package type. "PRM1" will appear on the display. Press button 4 to prime column 1 or select button 1 to skip priming column 1. The display will then display "PRM2". Repeat the priming process until all columns have been primed or skipped. The controller will return to normal door open operating mode.

The following are Non-Coca-Cola model numbers:

6 column machines

DN552-5,
DN552-6,
DN552-7,
DN756-10DP,

7 column machines

DN504-6,
DN504-7,
DN504-8,
DN532-5,
DN532-6,
DN532-7,

8 column machines

DN756-7,
DN756-8,

DN756-9,
DN756-10,
DN756-11,
DN756-12,
DN756-13,
DN756HV-12,

10 column machines

DN720-8, DN720-9, DN720-10,
DN720-12,
DN760-9,
DN760-10,
DN760-11, DN760HV-11
DN760-12, DN760HV-12,
DN760-13,
DN770-12, DN770HV-11, DN770HV-12

The following are other model numbers that may appear:

6 column machines

DN552-5,
DN552-6,
DN552-7,
DN552-8,

7 column machines

DN532-5,
DN532-6,
DN532-7,
DN532-8,

8 column machines

DN756-7,
DN756-8,

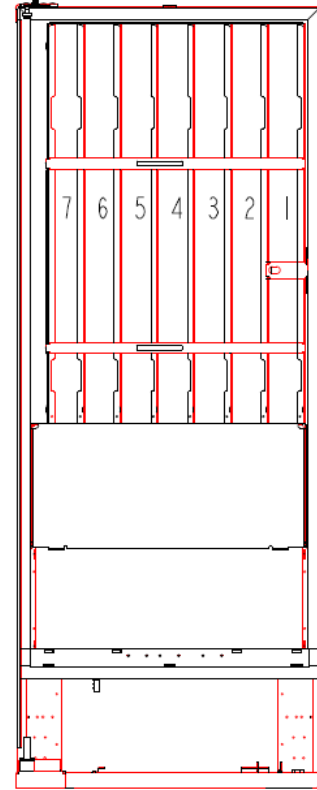
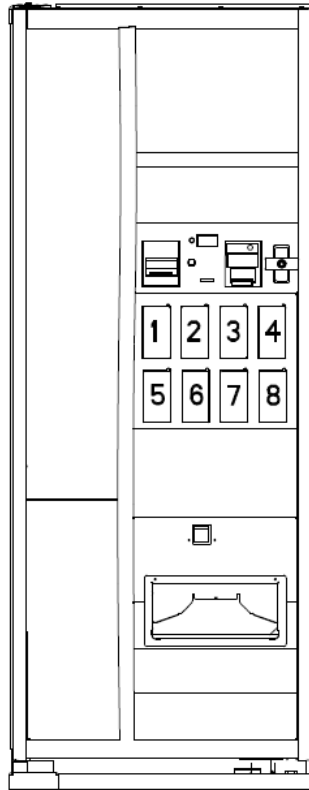
8 column machines (continued)

DN756-9
DN756-10
DN756-11, DN756HV-11
DN756-12, DN756HV-12
DN756-13

10 column machines

DN760-9
DN760-10
DN760-11
DN760-12
DN760-13

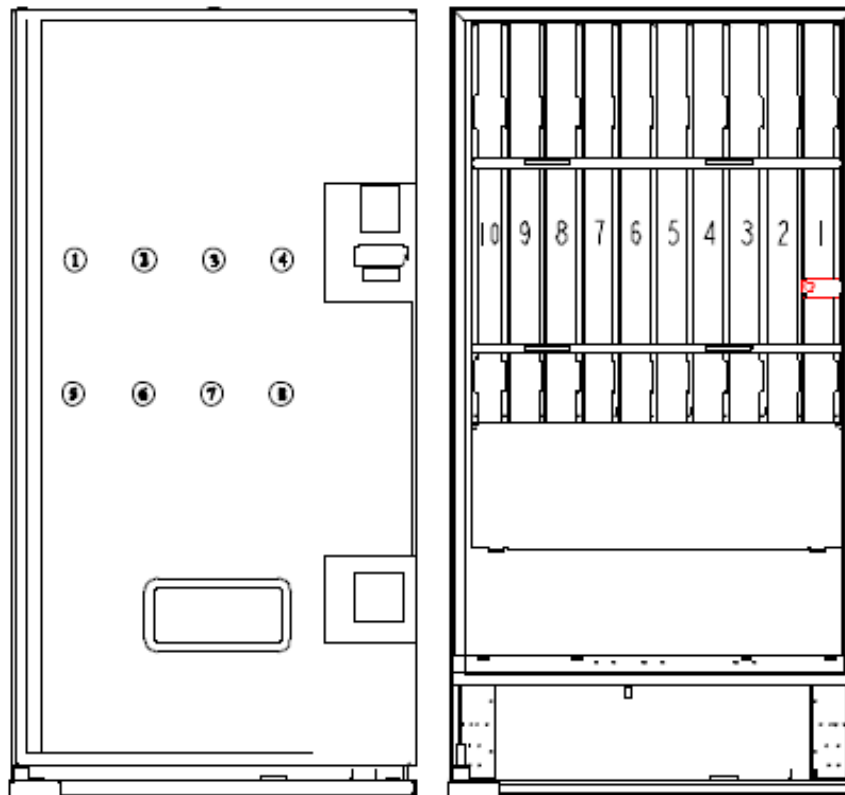
Factory Default Setting - LMV



DN504P LMV								
Standard STS		STS OPTIONS						
Selection #	Column #	Select #	opt1	opt2	opt3	opt4	opt5	opt6
1	1	1	1	1	1	1	1	1
2	1	2	1	2	2	2	2	2
3	2	3	2	2	3	3	3	3
4	3	4	3	3	3	4	4	4
5	4	5	4	4	4	4	5	5
6	5	6	5	5	5	5	5	6
7	6	7	6	6	6	6	6	6
8	7	8	7	7	7	7	7	7

DN720P LMV								
Standard STS		STS OPTIONS						
Selection #	Column #	Select #	opt1	opt2	opt3	opt4	opt5	opt6
1	1	1	1	1	1	1	1	1
2	1	2	1	2	2	2	2	2
3	2	3	2	2	3	3	3	3
4	2	4	2	3	3	4	4	4
5	3	5	3	3	4	4	5	5
6	4	6	4	4	4	5	5	6
7	5	7	5	5	5	5	6	6
8	6	8	6	6	6	6	6	7
9	7	9	7	7	7	7	7	7
10	8	10	8	8	8	8	8	8
11	9	11	9	9	9	9	9	9
12	10	12	10	10	10	10	10	10

Factory Default Setting – CHAMELEON



DN504P CHAMELEON (CCC)								
Standard STS		STS OPTIONS						
Selection #	Column #	Select #	opt1	opt2	opt3	opt4	opt5	opt6
1	1,2	1	1,2	1	1	1	1	1
2	3	2	3	2,3	2	2	2	2
3	4	3	4	4	3,4	3	3	3
4	5	4	5	5	5	4,5	4	4
5	6	5	6	6	6	6	5,6	5
6	7	6	7	7	7	7	7	6,7

DN720P CHAMELEON (CCC)								
Standard STS		STS OPTIONS						
Selection #	Column #	Select #	opt1	opt2	opt3	opt4	opt5	opt6
1	1,2	1	1,2	1	1	1	1	1
2	3,4	2	3,4	2,3	2	2	2	2
3	5	3	5	4,5	3,4	3	3	3
4	6	4	6	6	5,6	4,5	4	4
5	7	5	7	7	7	6,7	5,6	5
6	8	6	8	8	8	8	7,8	6,7
7	9	7	9	9	9	9	9	8,9
8	10	8	10	10	10	10	10	10

The most important facets of proper vender care and maintenance are the electrical power supplied to it, leveling, and cleanliness of the machine and its components.

POWER

The vender must be connected to a dedicated 120VAC, 15 Amp circuit (U.S. and Canada).

CAUTION:

REMOVE POWER TO THE VENDER PRIOR TO CONNECTING / DISCONNECTING ANY ELECTRICAL COMPONENTS FOR TESTING OR REPLACEMENT.

Periodically inspect the power supply cord for damage. If the cord or plug is worn or damaged, it must be replaced with a power supply cord of the same type, size and specification as originally provided with the machine.

DO NOT USE THE VENDING MACHINE UNTIL THE WORN OR DAMAGED CORD IS REPLACED.

The Ground Fault Circuit Interrupter (GFCI) must be tested frequently and before each use in accordance with the instructions provided on the GFCI device.

IF THE GFCI DOES NOT PASS THE TEST, DO NOT USE THE MACHINE.

Unplug the supply cord from the receptacle and call the Dixie-Narco Technical Support Group for assistance at 1-803-266-5001.

CLEANING



DO NOT USE A WATER JET OR NOZZLE TO CLEAN THE VENDER

SIGN FACE

The polycarbonate sign face requires proper cleaning to prolong its service life. Periodically clean the sign as follows:

Rinse the sign with a soft cloth or sponge soaked in warm water. If necessary, use a mild soap to loosen any dirt or grime. DO NOT SCRUB or use a brush or squeegee. Scrubbing may cause damage to sign's clear ultraviolet resistant coating (prevents yellowing). Repeat the above steps as necessary. To prevent spotting, dry the sign using a soft cloth.

CABINET

Wash the cabinet with a good detergent or soap mixed with warm water. Wax the vender often with a good grade of automobile wax. Any corrosion inside of the vender should be removed with a fine steel wool and the area should be painted with aluminum paint. Repair any scratches on painted surfaces to prevent corrosion.

DRAIN PAN, DRAIN TUBE, AND DRAIN HOSE

To prevent mold and mildew growth, and to avoid personal injury or property damage, the drain pan, drain tube, and drain hose must be properly aligned and routed. Ensure nothing obstructs the drain tube or drain hose and that the hose is not bent, pinched, or twisted in such a way as to prevent the flow of condensate. Periodically inspect the drain pan, drain tube, and drain hose for alignment and the presence of dirt, debris, mold, and mildew. Clean as needed.



Warning

THE COMPRESSOR ELECTRICAL CIRCUIT IS ALWAYS LIVE WHEN THE PLUG IS CONNECTED TO AN ELECTRICAL OUTLET

REFRIGERATION CONDENSER

Check the condenser periodically for dirt or lint build-up. Remove build-up with a brush or vacuum, or blow the dirt out of the condenser with compressed air and an approved safety nozzle. Ensure nothing obstructs the air intake at the bottom of the main door. Ensure nothing obstructs the air exhaust at the rear of the cabinet.

COIN ACCEPTOR

- Follow the coin acceptor manufacturer's cleaning instructions.

LUBRICATING THE VENDER

Time	Component	Lubricant Example
Every 6 months (or as needed)	Main Door	
	1. Lock Bolt & Nut Retainer	Mechanics Friend
Every Year (or as needed)	2. Hinge Pivot Points	Mechanics Friend
	Inner Door	
	1. Hinge Pivot Points	Mechanics Friend
	Inner Door	
	1. Door Gasket	Petroleum Jelly

Memory Reset

To reset memory enter the AUTO "Auto Test" menu and scroll to the option to reset the memory. Press select button 4 to select this option and follow the displayed prompts. Once the machine has cleared its memory it will be ready to program.

EPROM REPLACEMENT

Software changes / upgrades are accomplished by changing the EPROM on the Control Board.

Single Board Controller (SBC) Software Update Procedure

This document describes how to update software on the Single Board Controller (SBC). **Note:** All existing software revisions, except software version 804,919,770.01, will automatically update the new software revision upon power up. For SBC boards using 804,919,770.01 software menu manual reprogramming is required to update the software.

Important: EPROMs containing software is sensitive to Electrostatic Discharge (ESD). Failure to handle the EPROM carefully could cause damage, which may result in a failed Single Board Controller (SBC).

ALWAYS KEEP THE EPROM IN THE ESD TUBE. GROUND YOURSELF ON THE VENDER CABINET BEFORE REMOVING THE EPROM FROM THE ESD TUBE OR CONTROL BOARD. AN EPROM CAN BE USED TO PROGRAM MANY VENDERS, AS LONG AS CARE IS TAKEN NOT TO DAMAGE THE EPROMS LEGS.

ALWAYS TURN POWER OFF BEFORE REMOVING OR INSTALLING EPROMS IN THE CONTROL BOARD.

Note: Use the SBC programming manual to program a vender that has a Single Board Controller (SBC) installed.

I. EPROM removal

- Power down the Vender. **Ground yourself on the vender cabinet before removing the EPROM from the ESD tube or control board.**
- If the EPROM is present in the SBC, remove the existing EPROM from the SBC.
 - Note: An EPROM does not need to be in the board after the SBC has been programmed. The EPROM can be used to reprogram other boards.
- Verify the pins of the new EPROM are not bent before installing in the EPROM socket.
- Install the new EPROM in the EPROM socket. Ensure the EPROM is oriented correctly with its reference marker (locator) in the same direction as the reference marker (locator) of the EPROM socket. Do not rely on the EPROM label for orientating the EPROM. See Figure 1.

II. Automatic Reprogramming (all software revisions **except** 804,919,770.01)

- Turn power on to Vender. When auto-updating, the display will remain blank while the red LED on the board blinks rapidly for 3-4 seconds. Verify the new software version is shown on the display. If the new software version (the software version of the newly installed EPROM) displays, the SBC software has been successfully updated. If not, verify the EPROM is seated properly, with the reference marker oriented correctly and follow instructions for manual update if updating from 804,919,770.01. If problems still exist, contact the Dixie-Narco Technical Service Department.

Note: To remove the EPROM after programming is complete turn power off, **ground yourself on the vender cabinet before removing the EPROM**, remove the EPROM, turn power on, test vender for proper operation.

III. Manual Reprogramming (all 804,919,770.01 or if an EPROM does not automatically reprogram the SBC)

- At power up, the current software version will be displayed. To manually program the control board with the new software, press the blue service switch on the SBC to enter the service menu. Advance to "**Auto Test**" menu by holding buttons 1 & 2 simultaneously. Enter Auto Test by pressing button 1, and advance to the "**Reprogramming Microprocessor**" submenu by holding buttons 1 & 2 simultaneously.
- At the "**Reprogramming Microprocessor**" prompt, press button 1. "**THIS OPERATION REPROGRAMS VENDOR**" shows on the display. Press button 1 at this prompt. Next display will show "**BUTTON 2 = REPROGRAM, BUTTON 3 = EXIT**".

- Press button 2 to reprogram vender with the new software. “Reprogramming Vendor...” displays while the red LED on the board blinks rapidly for 3-4 seconds. Verify the new software version, and previous settings return to the display. If the new software version (the software version of the newly installed EPROM) shows on the display, the SBC software has been successfully updated.

Note: To remove the EPROM after programming is complete, remove power to the vender, **ground yourself on the vender cabinet before removing the EPROM**, remove the EPROM, while still grounded install a label on the microprocessor showing the revision of software that is installed in the SBC, power the vender back on and test for proper operation.

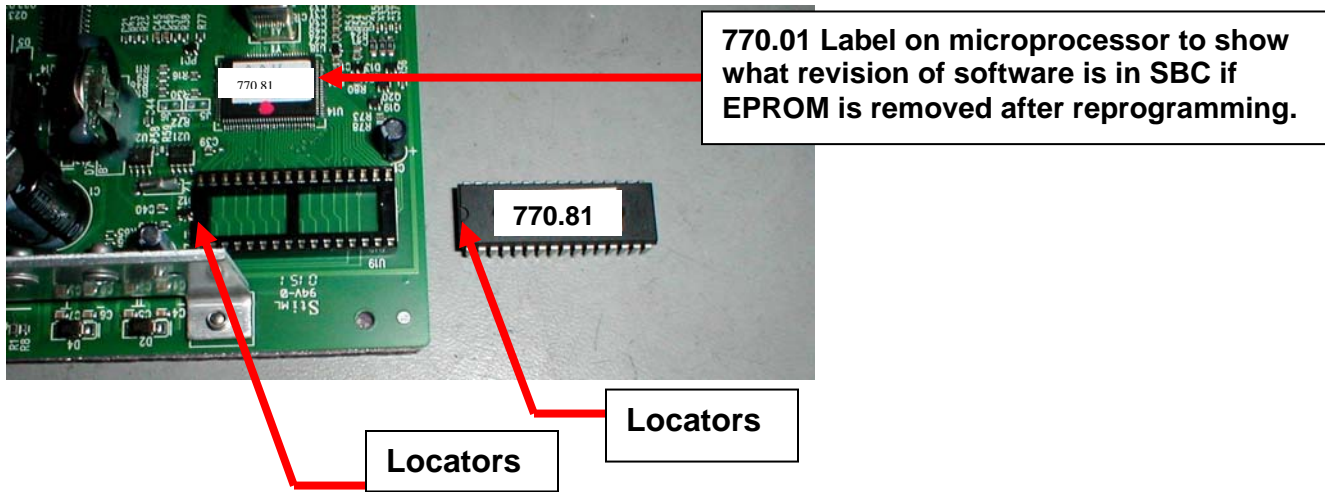
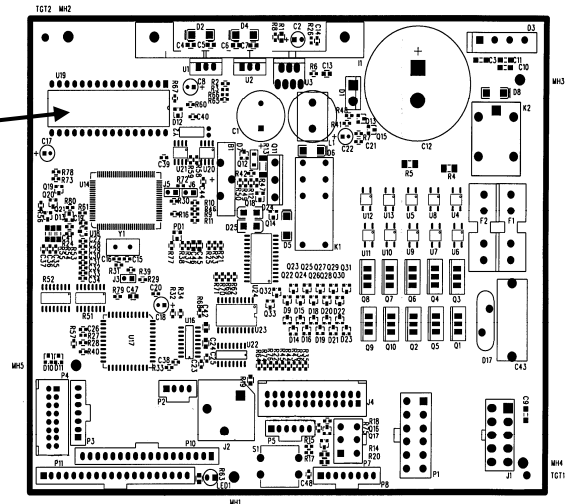


Figure 1

Figure 1 – EPROM REPLACEMENT (SAMPLE BOARD SHOWN)



ELECTRICAL

	DOMESTIC	220 VAC
Transformer	Provides 24 and 12 VAC power to the Machine Controller	Provides 24 and 12 VAC power to the Machine Controller
Fuse	1.6 Amp Slo Blo in the Power Distribution Box - Control Board Power (includes display and MDB Peripherals)	1.0 Amp Slo Blo in the Power Distribution Box - Control Board Power, (includes display and MDB Peripherals)
Relay	Potter & Brumfield T91P5D52-24 240 VAC / 20 A -NO / 10A-NC	Potter & Brumfield T91P5D52-24 240 VAC / 20 A -NO / 10A-NC
Choke	Foster A-16015 5MH 6A	Schaffner FN2080-10/06 110/250VAC/50-60HZ 10A
Amber and Green Power Switch	Interrupts hot side of incoming power.	Interrupts hot side of incoming power.

REFRIGERATION

	DOMESTIC	220 VAC
Compressor	Embraco, 1/3 HP, FFI 12HBX 115 V/ 60 Hz 1 Phase Unit uses 9.0 oz. of 134A Refrigerant	NEK6212Z 220/50 1/3 EmBraco Unit uses 7.5 oz. of 134A Refrigerant
Start Relay	115 VAC, 1.351.605	110 VAC, 1.351.605
Start Capacitor	115 VAC 378-454 MFD / 110V	110 VAC 378-454 mfd / 110V
Thermal Overload	115 VAC MRT 22AFZ-5590	110 VAC MRT 22AFZ-5590
Condenser Fan	9W Motor 115 V/60HZ 5KSM81FFL 3022T Blade – 8-3/4" dia.	9W Motor 230V/50/60HZ EmBraco PN: 13355043 Blade – 230mm Aluminum
Evaporator Fan	6.5W Motor 115 VAC OSM 2045X1 Blade – 6" dia.	Motor 0.38A 220/240V 50Hz 6" 4-Blade Plastic

VEND MOTOR OPERATION

The Control Board is responsible for the operation of the Vend Motor Assembly. It supplies 24VDC to the Vend Motors through the P1 Connector of the Control Board and monitors its movement from the Encoder through the J4 Connector.

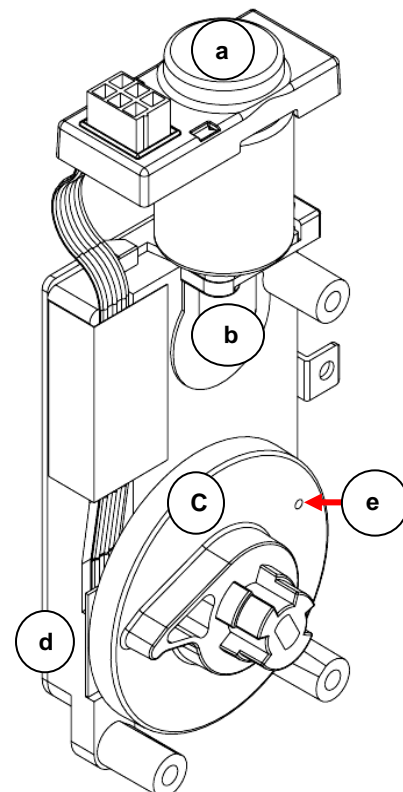
The Vend Motor Assembly consists of an Encoder (a), Motor and Gearbox (b), Cam Assembly (c) and a Home Sensor (d).

The Encoder sends counts to the Control Board to advise it of its position.

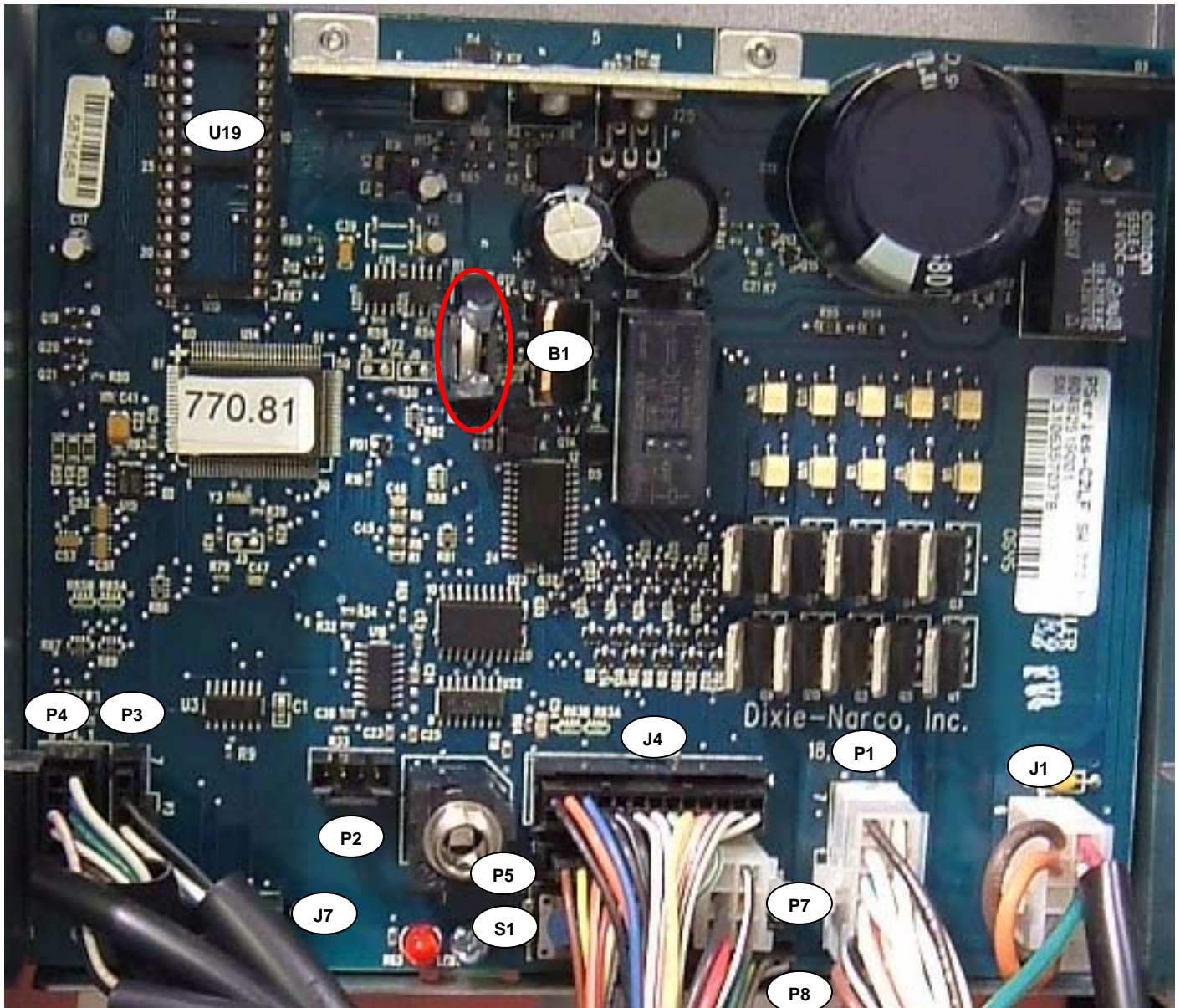
The Cam Assembly includes a Magnet (e) which actuates the Home Sensor when Vend Motor returns to the Home Position.

The Home Position is the starting position of each rotation of the Vend Motor. When the Main Door is closed, the Control Board identifies columns which are deemed as **SOLD OUT** or jammed. The Display will read **"PRIME"** and runs the Vend Motor to the Home Position. The Rotor is reloaded in this process.

When a selection is activated, the Control Board sends 24VDC to the Vend Motor. In turn the Encoder sends pulses to the Control Board which stops the Vend Motor at a predetermined point or **Vend Angle** in programming.



SBC
CONTROLBOARD

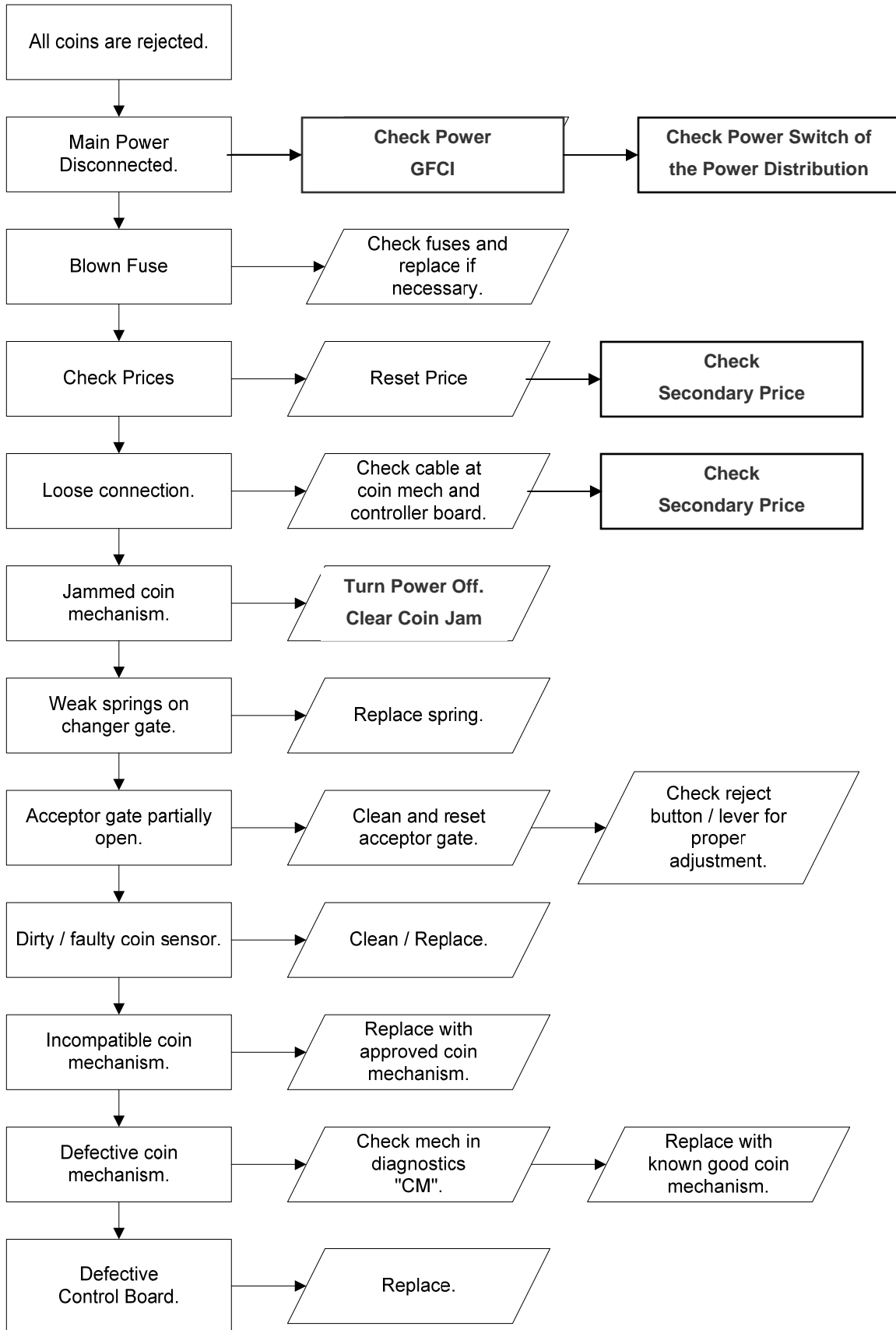


Position	Description	Position	Description
P1	Motor	P8	Energy Management
P2	Secondary DEX	J1	AC Power
P3	Display	J2	DEX
P4	Select Switches	J4	Home Switch
P5	Temp Sensor	J7	Optional
P7	MDB	B1	Battery
U19	EPROM Socket	S1	Service Switch

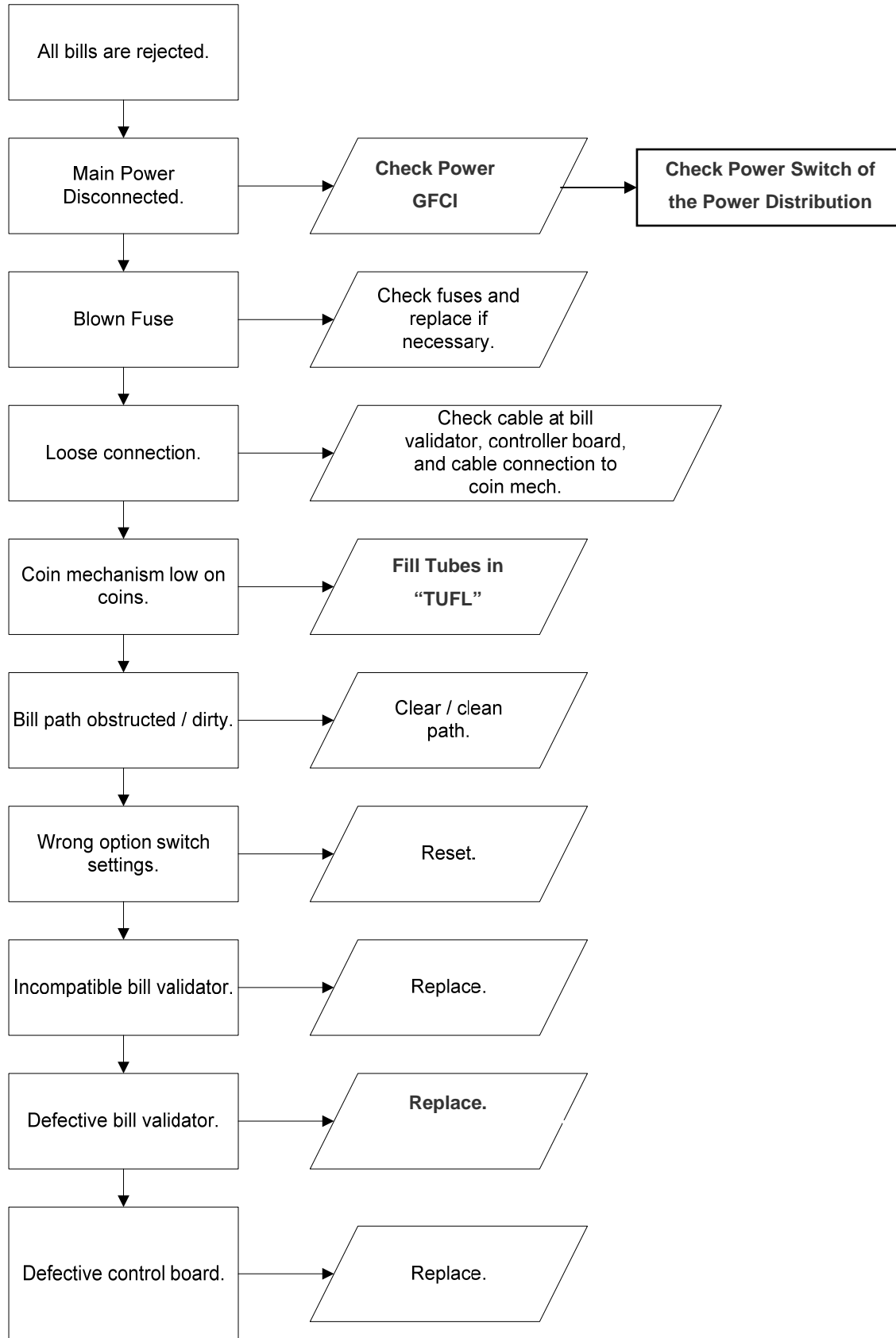
TROUBLESHOOTING FLOWCHARTS

The following charts are intended to isolate and correct most problems you might encounter.

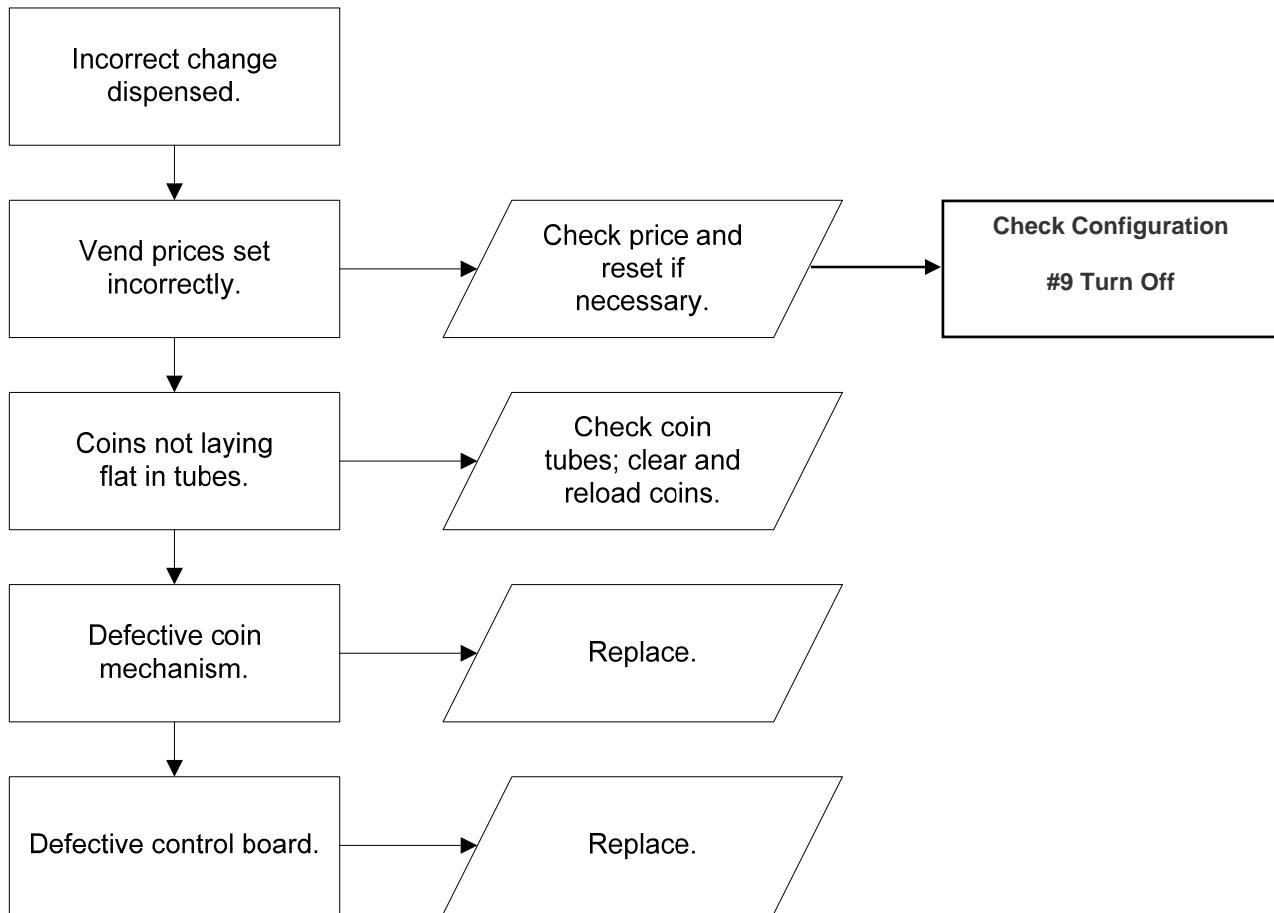
ALL COINS ARE REJECTED



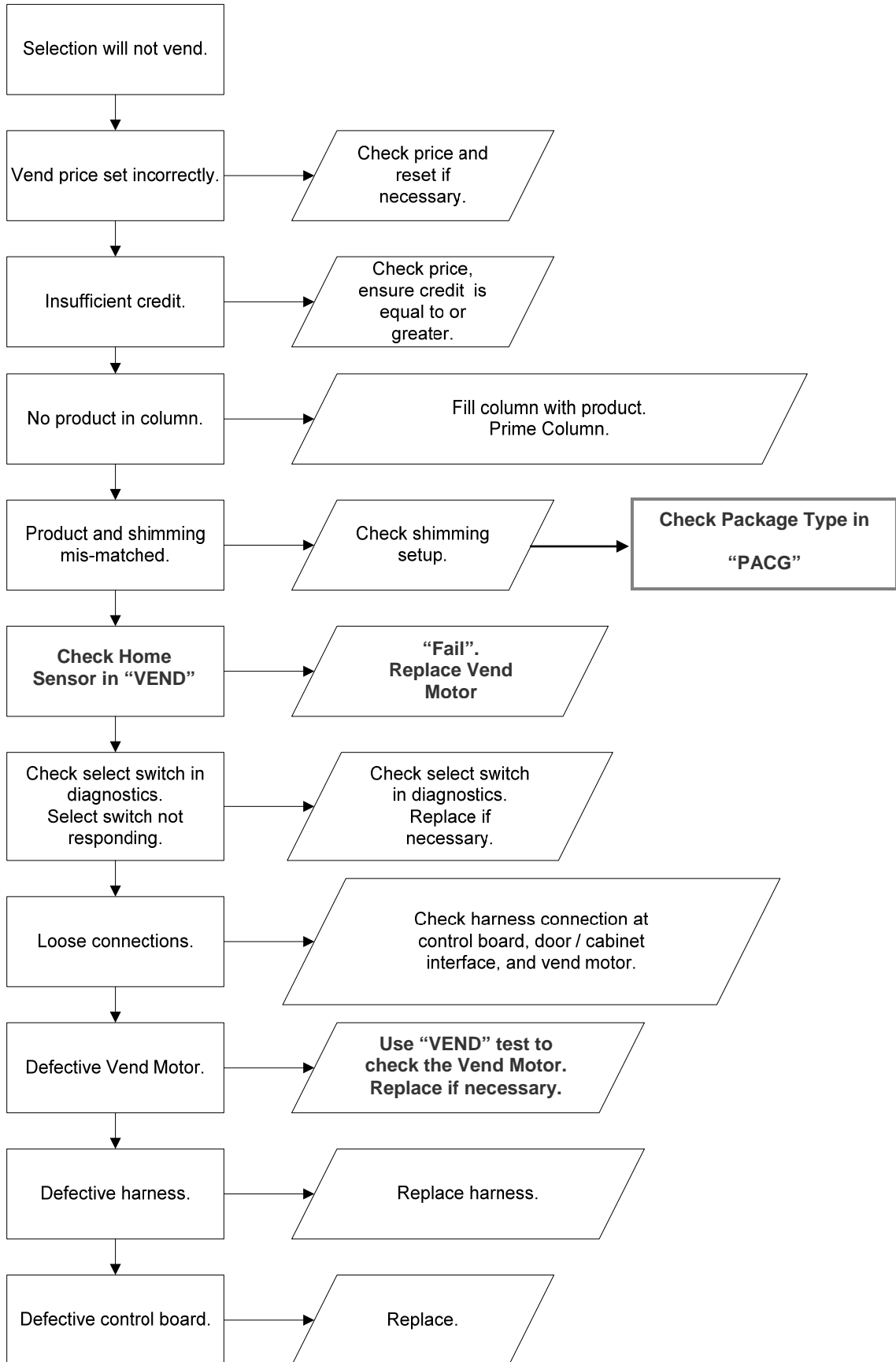
ALL BILLS ARE REJECTED



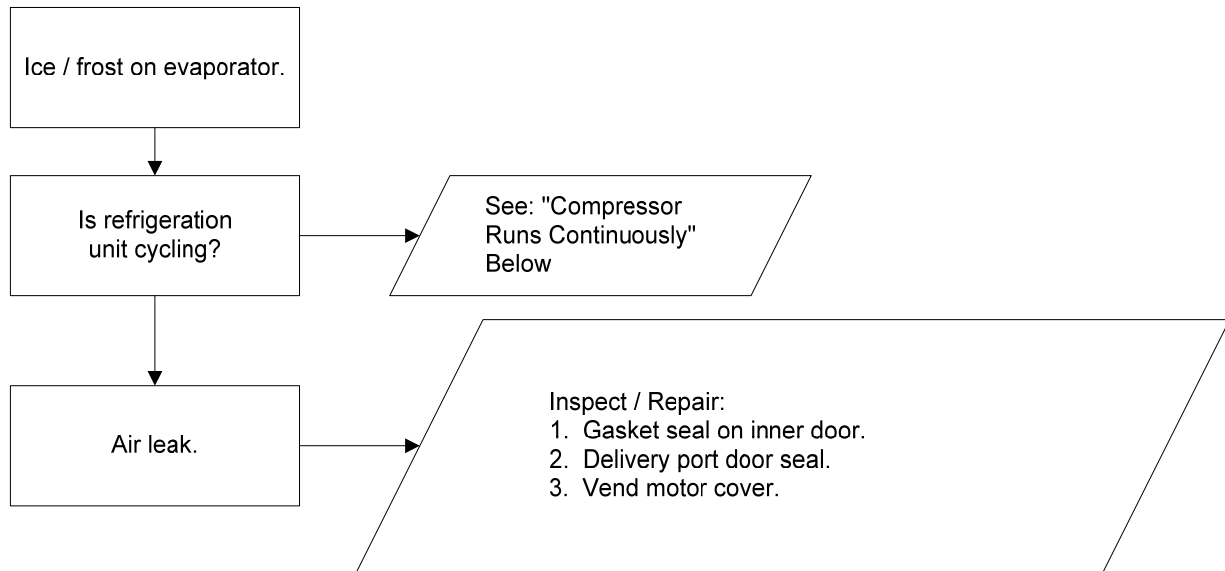
INCORRECT CHANGE DISPENSED



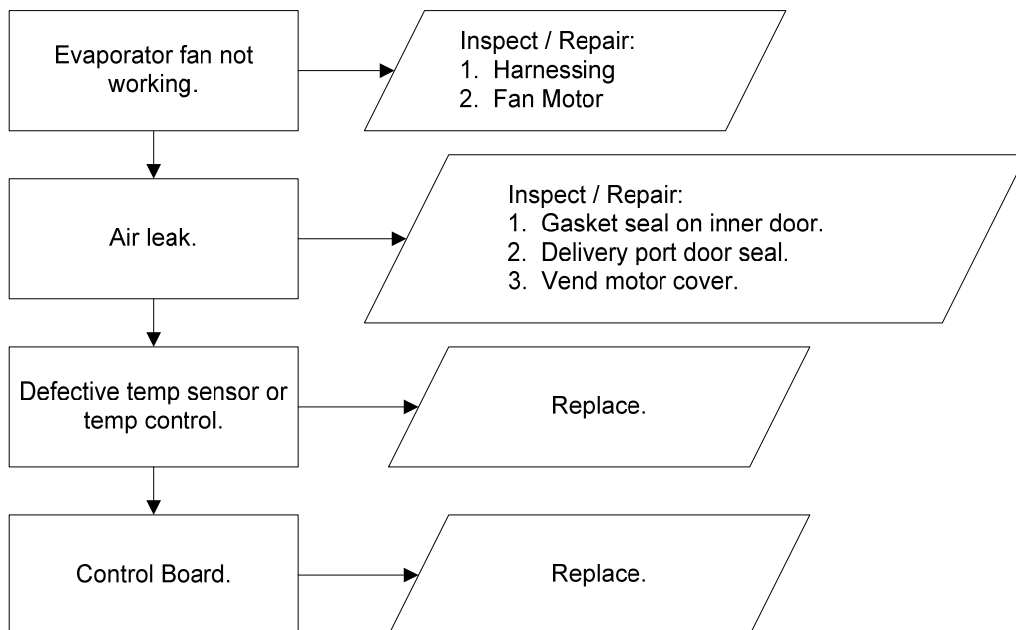
SELECTION WILL NOT VEND



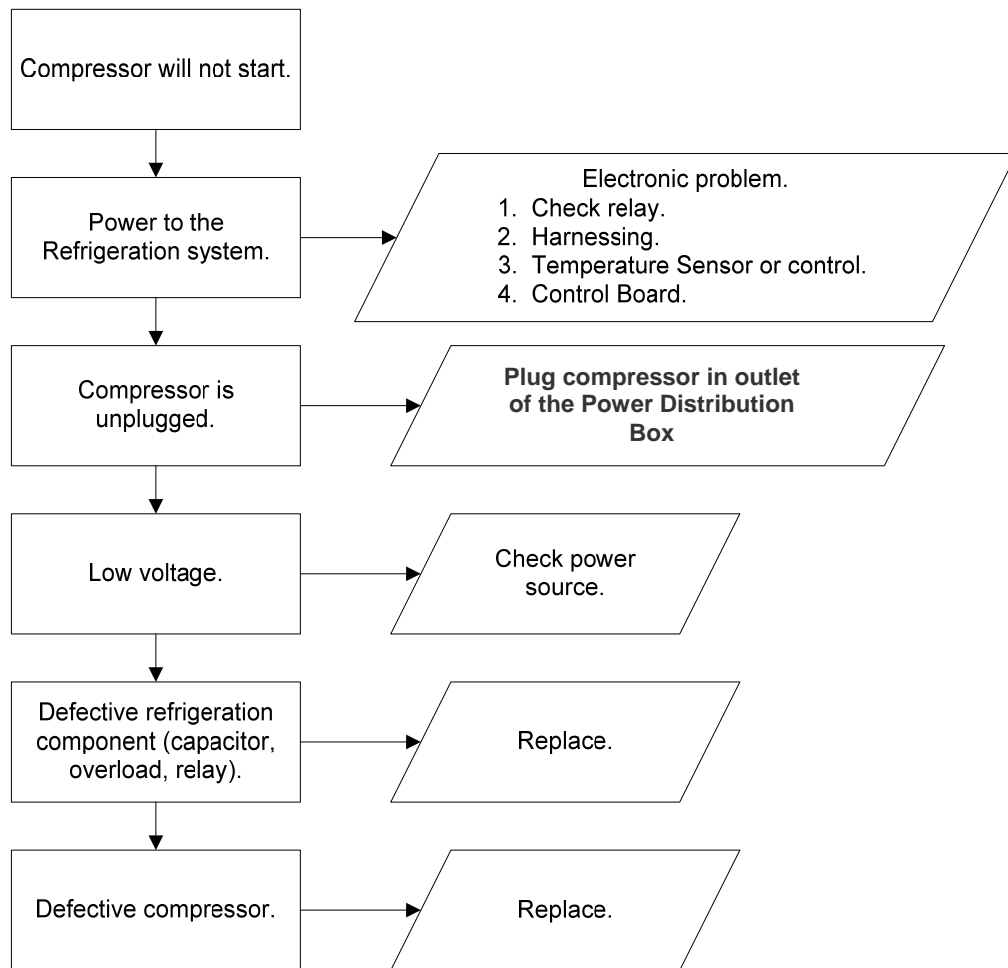
ICE / FROST ON EVAPORATOR



COMPRESSOR RUNS CONTINUOUSLY

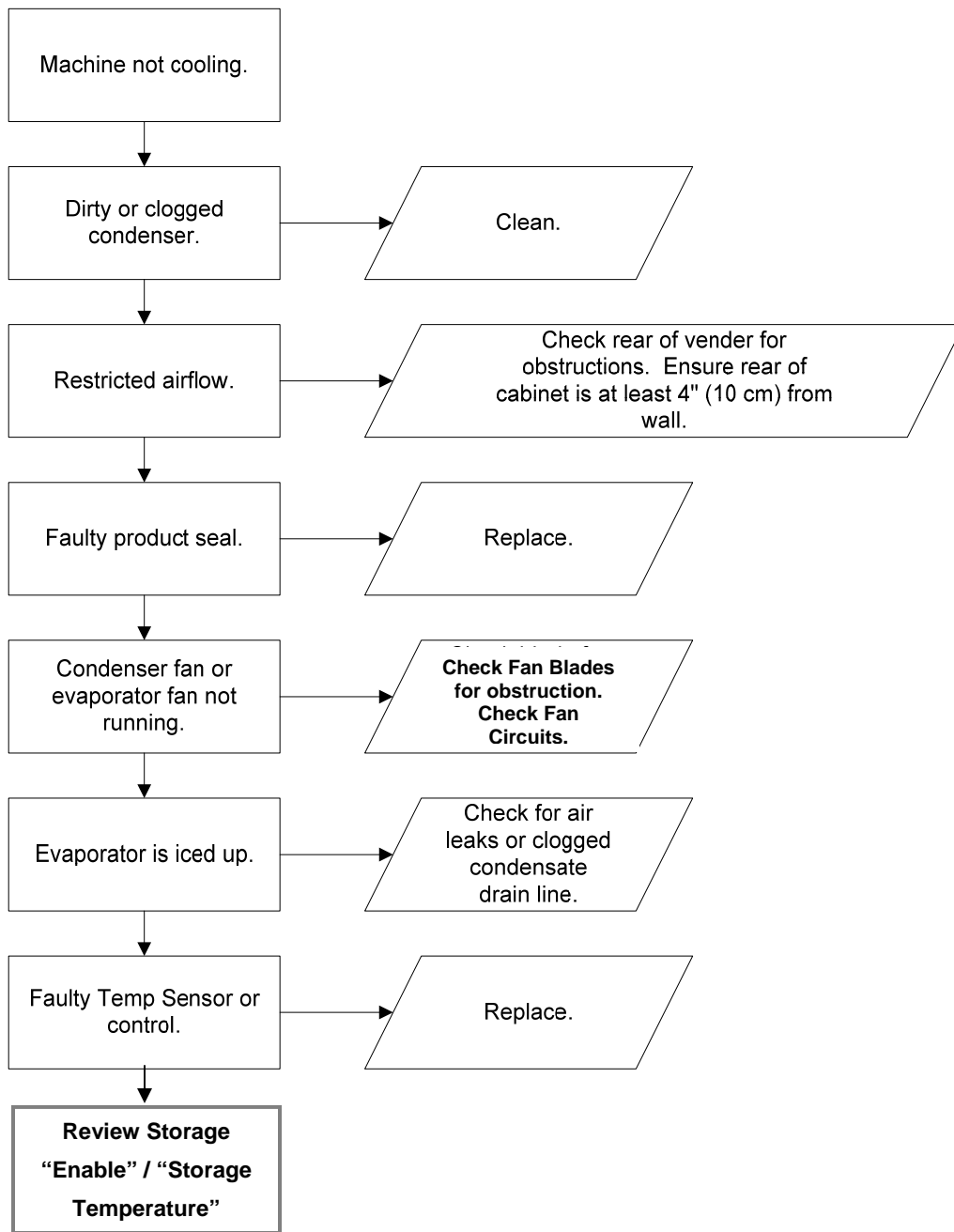


COMPRESSOR WILL NOT START



Troubleshooting Tip: Use a short 15 Amp extension cord and plug the compressor directly into the wall outlet. This will bypass the Electronic Controls.
Note: For Testing Purposes Only.

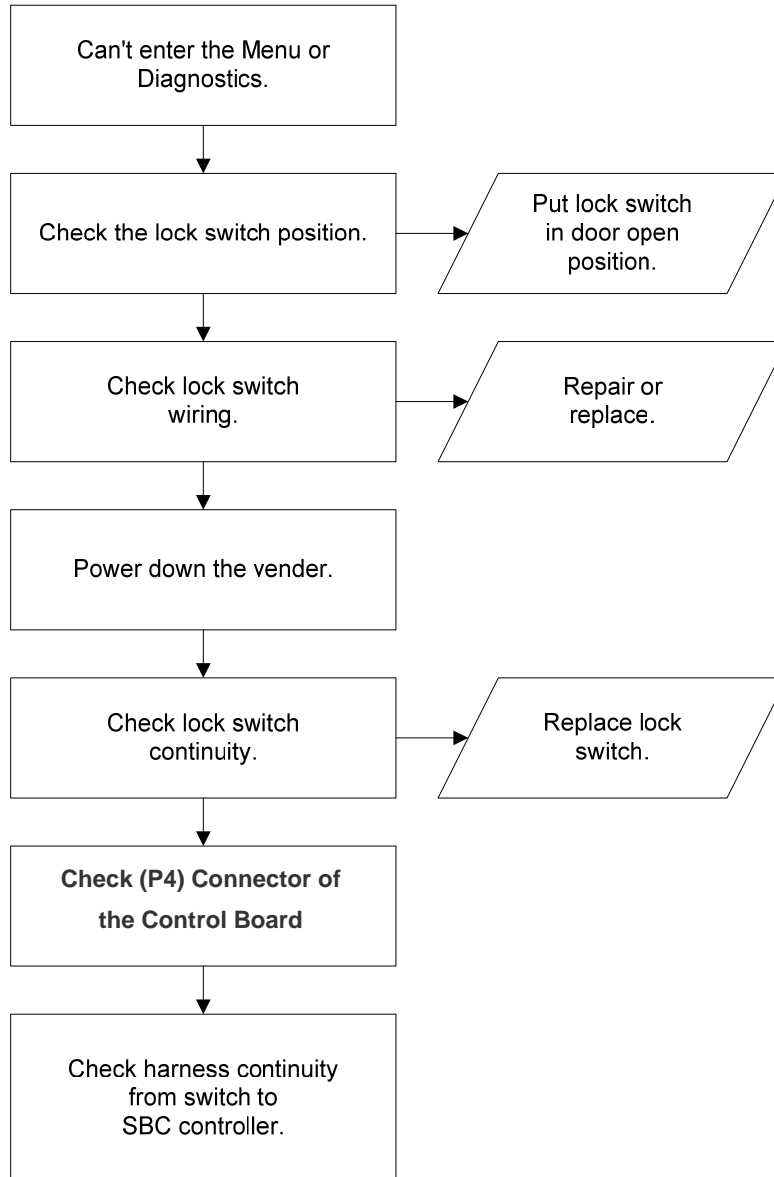
MACHINE NOT COOLING



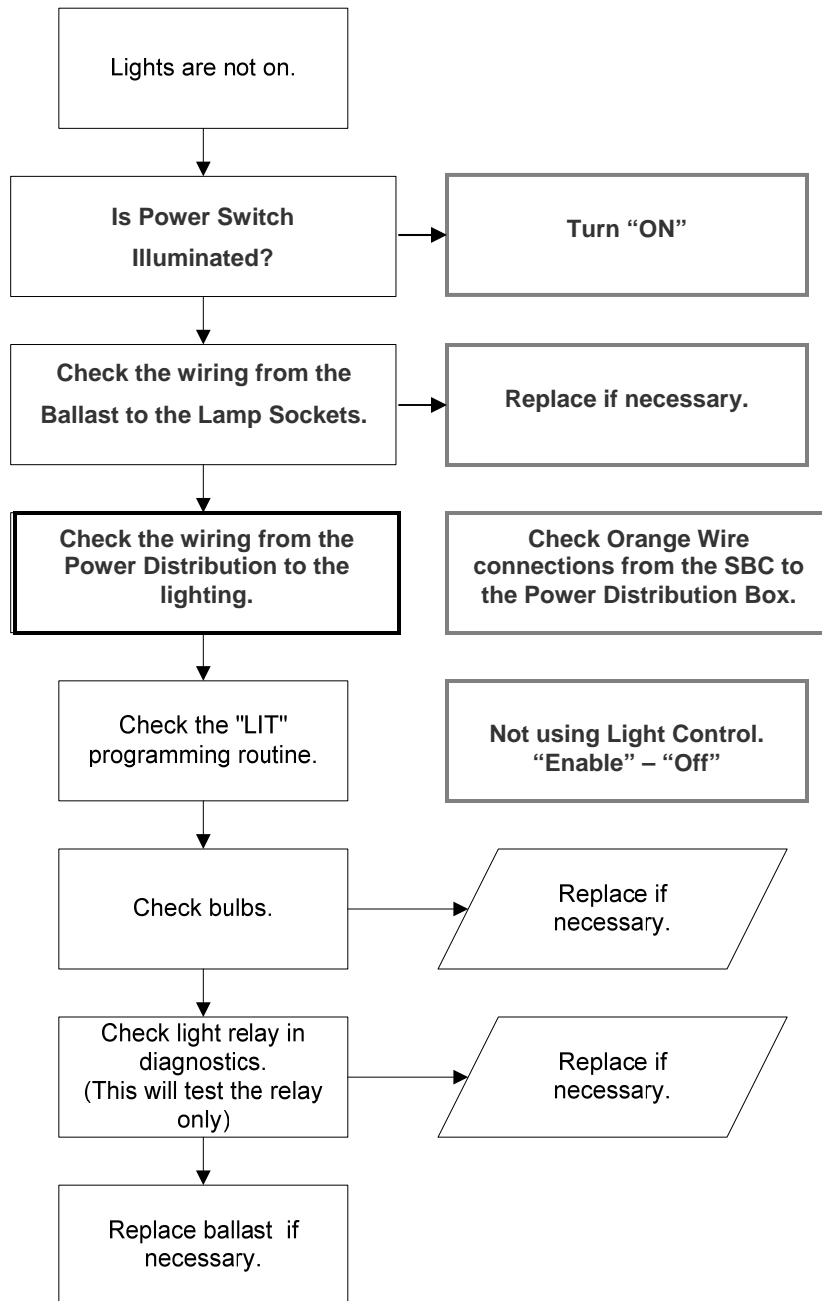
CAN'T ENTER THE MENU OR DIAGNOSTICS



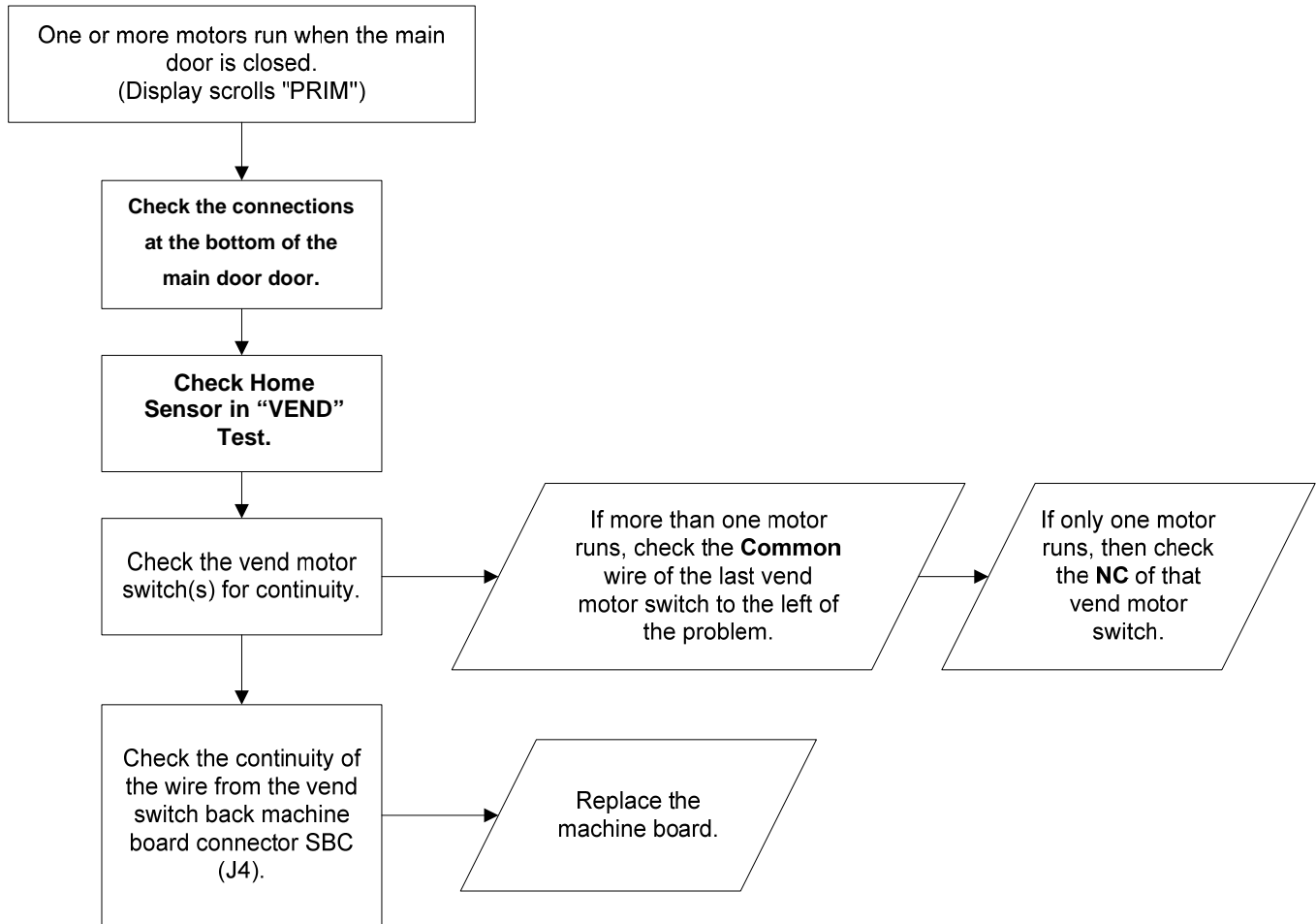
Note: Prior to checking wires or connections, ensure power has been removed from vender.



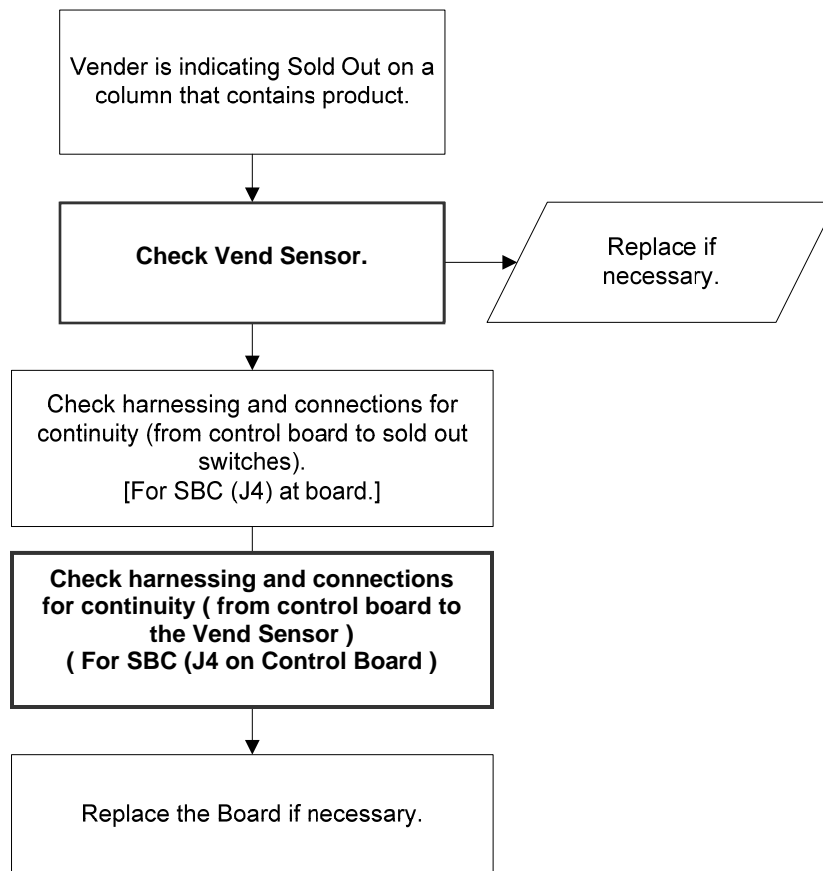
LIGHTS ARE NOT ON



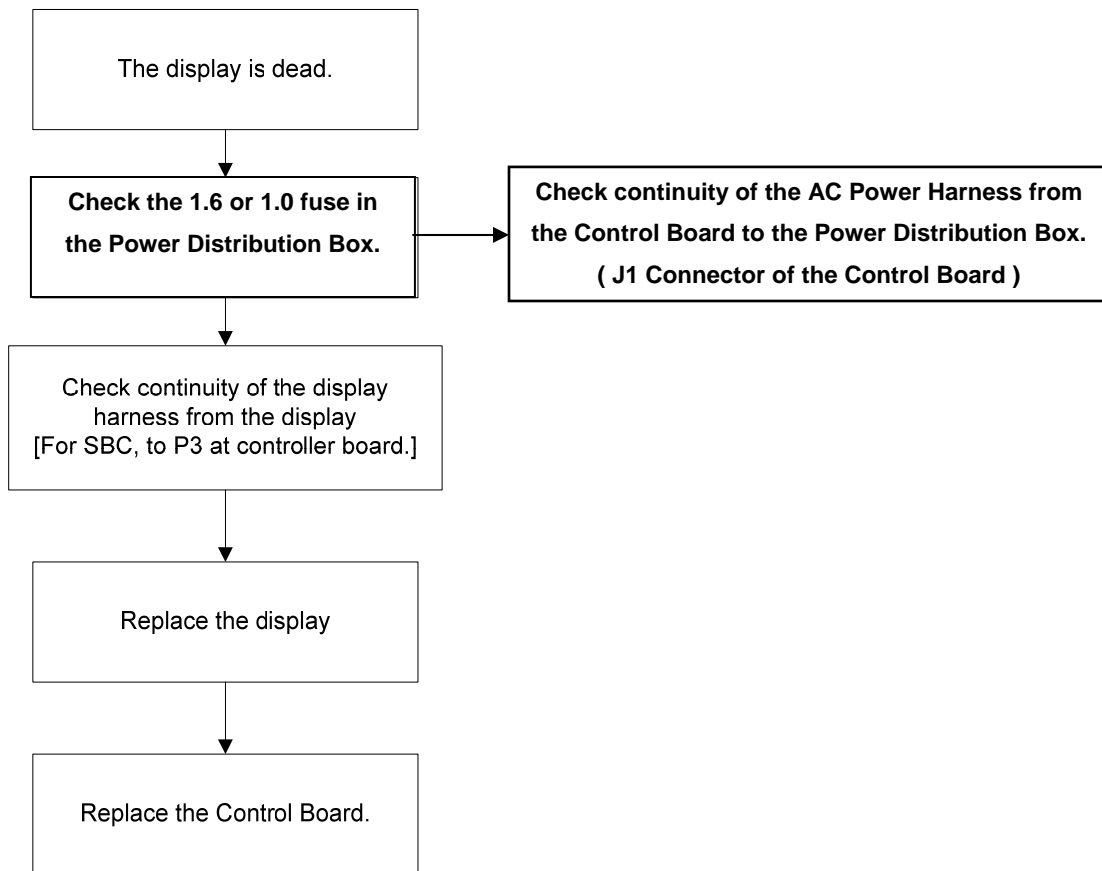
ONE OR MORE MOTORS RUN WHEN MAIN DOOR IS CLOSED
(Display Scrolls "PRIM")



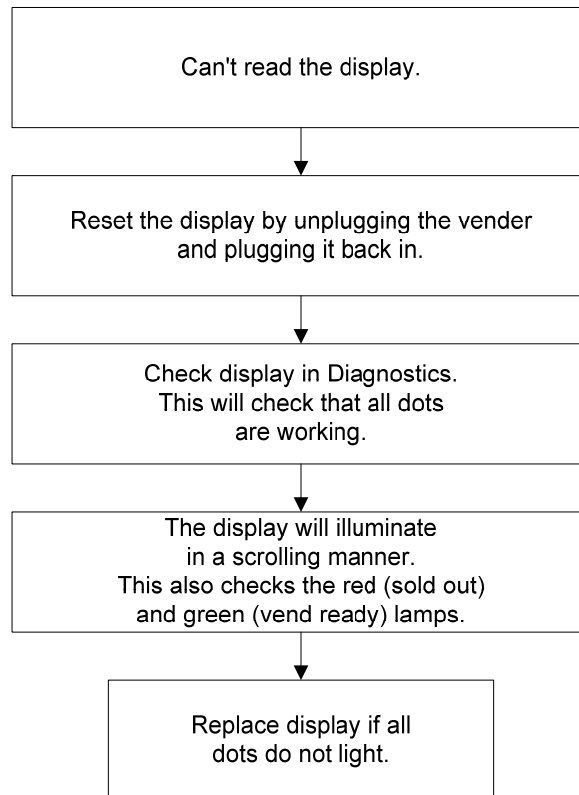
SOLD OUT



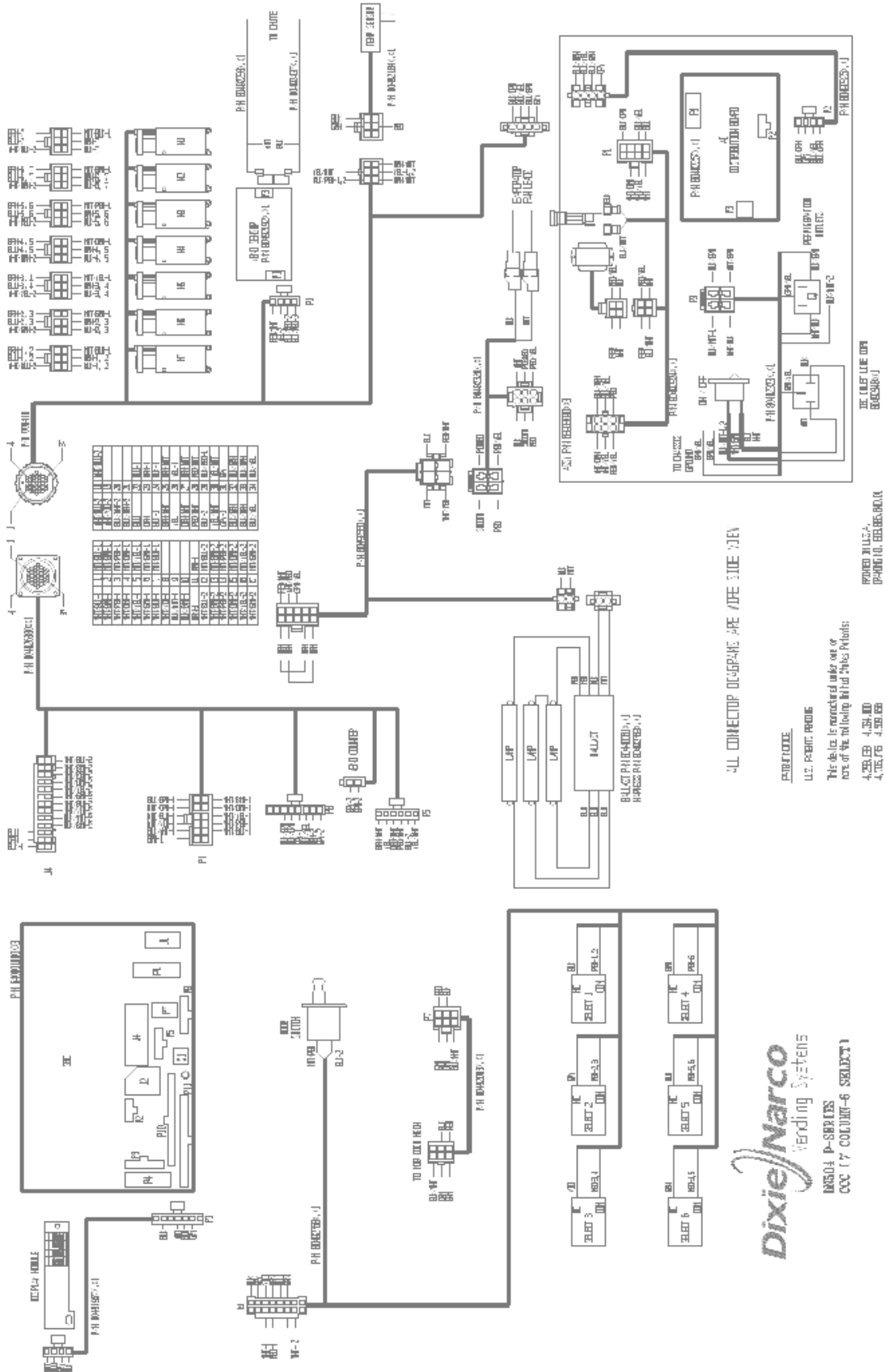
THE DISPLAY IS DEAD



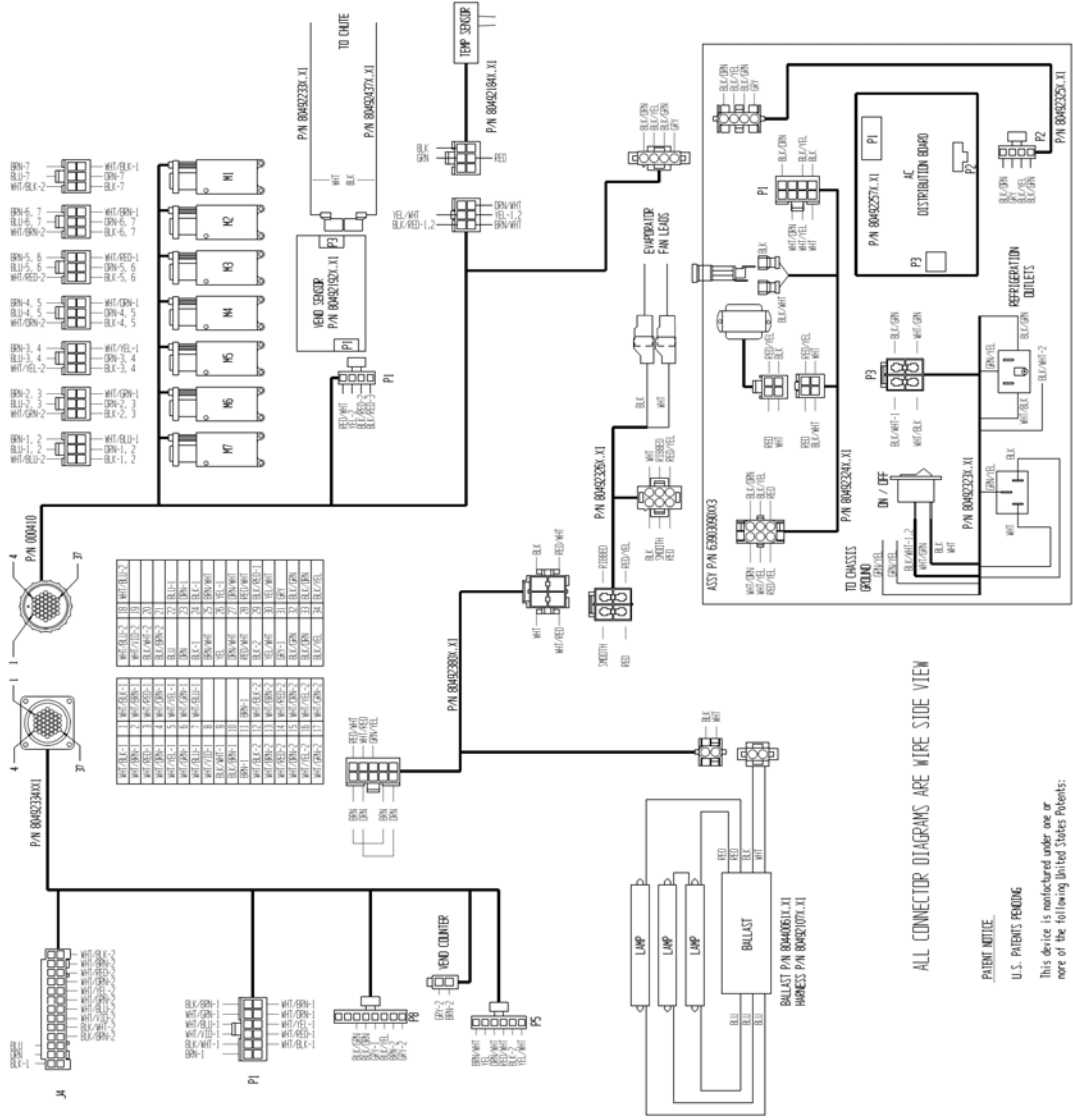
CAN'T READ THE DISPLAY



Chameleon 6 Select / 7 Column



LMV 8 Select / 7 Column



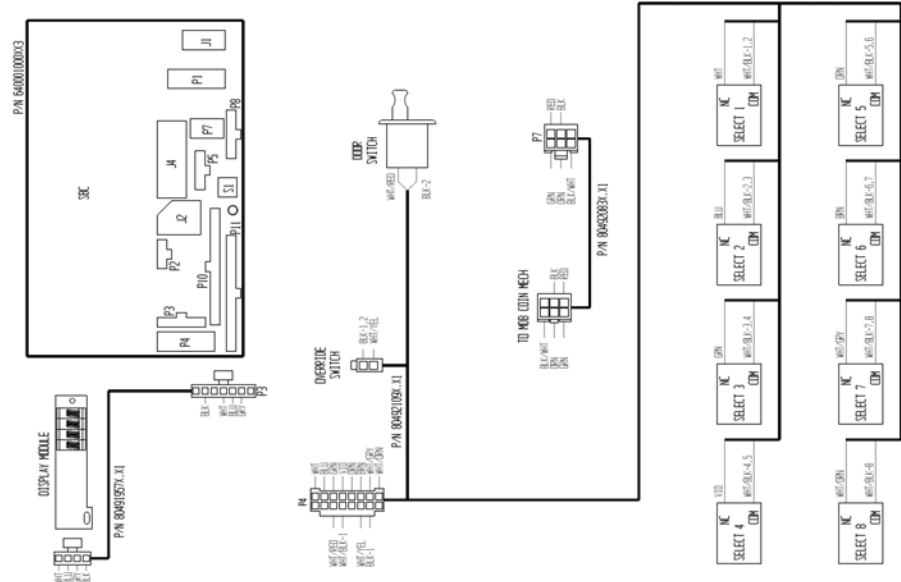
ALL CONNECTOR DIAGRAMS ARE WIRE SIDE VIEW

PATENT NOTICE

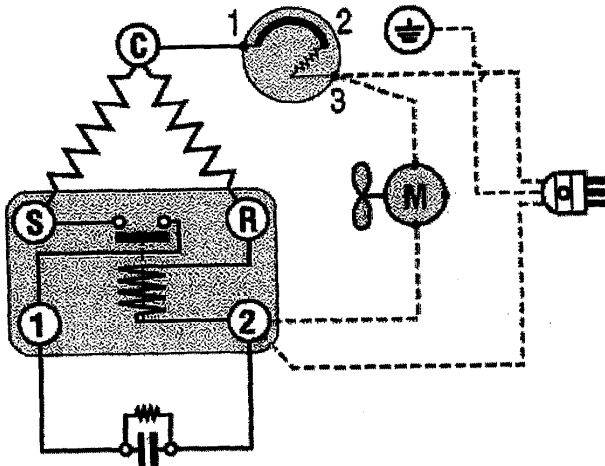
U.S. PATENT PENDING
This device is manufactured under one or more of the following United States Patents:

- 4,298,138
- 4,298,000
- 4,706,176
- 4,706,096

PRINTED IN U.S.A.
DRAWING NO. 805.981.740.01
8040238X1

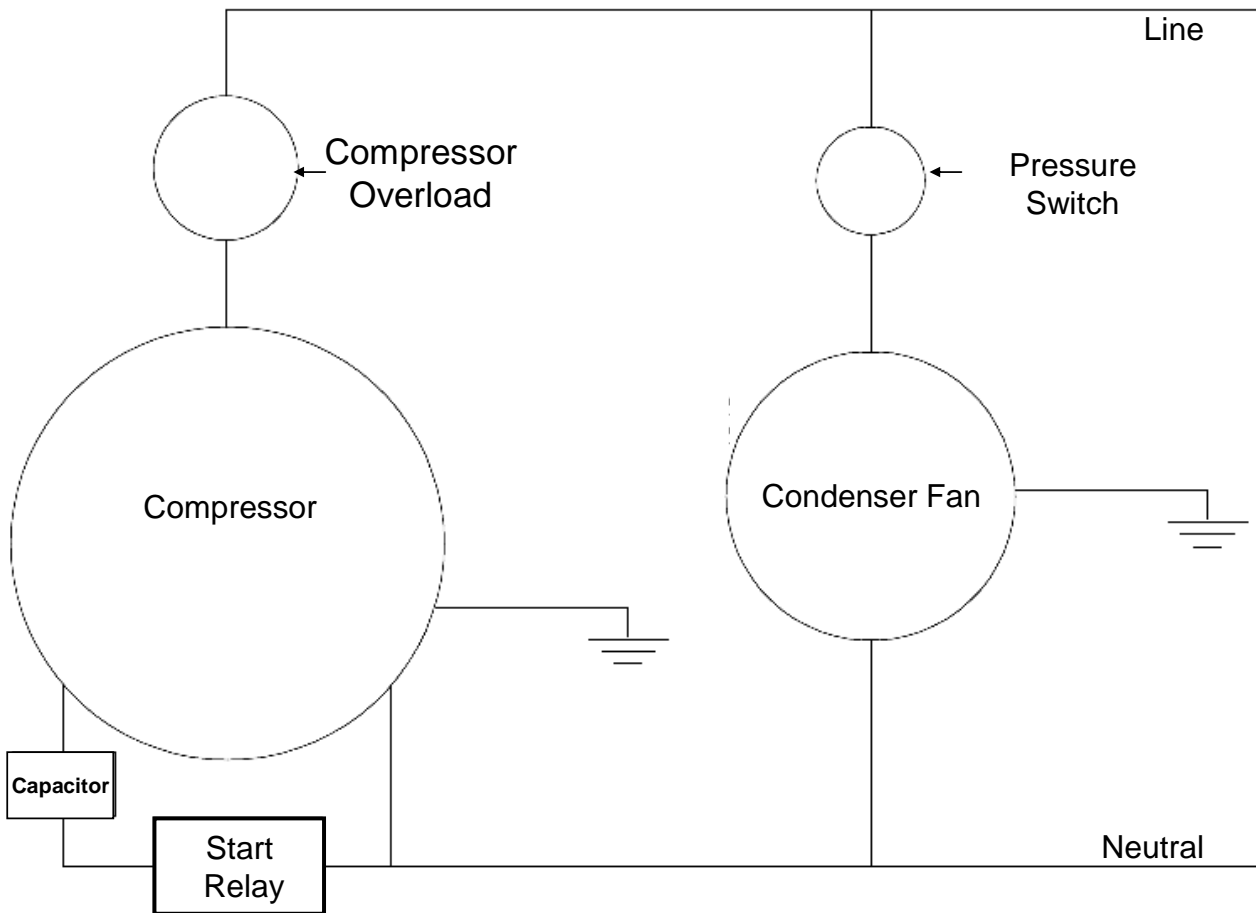


Refrigeration Circuit Diagrams



Symbol	Description
	Current Start Relay with Capacitor Connections
	Start Capacitor
	Overload Protector
	Fan
	Single Phase Motor
	Earth Connection
	Single Phase Supply
	Common
	Run
	Start
	Factory Made Connections
	Connections to be made

New Refrigeration Circuit effective run# 6917



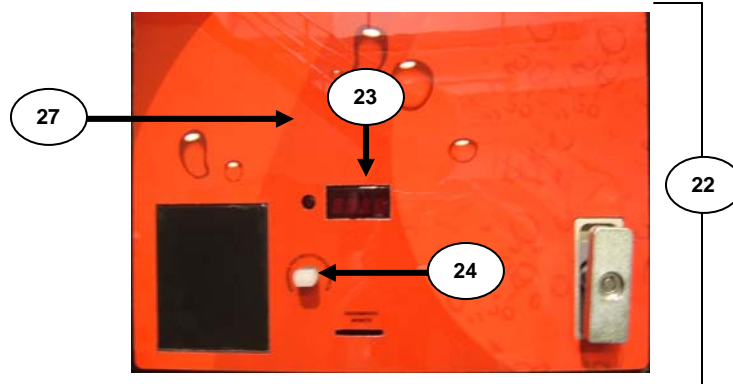
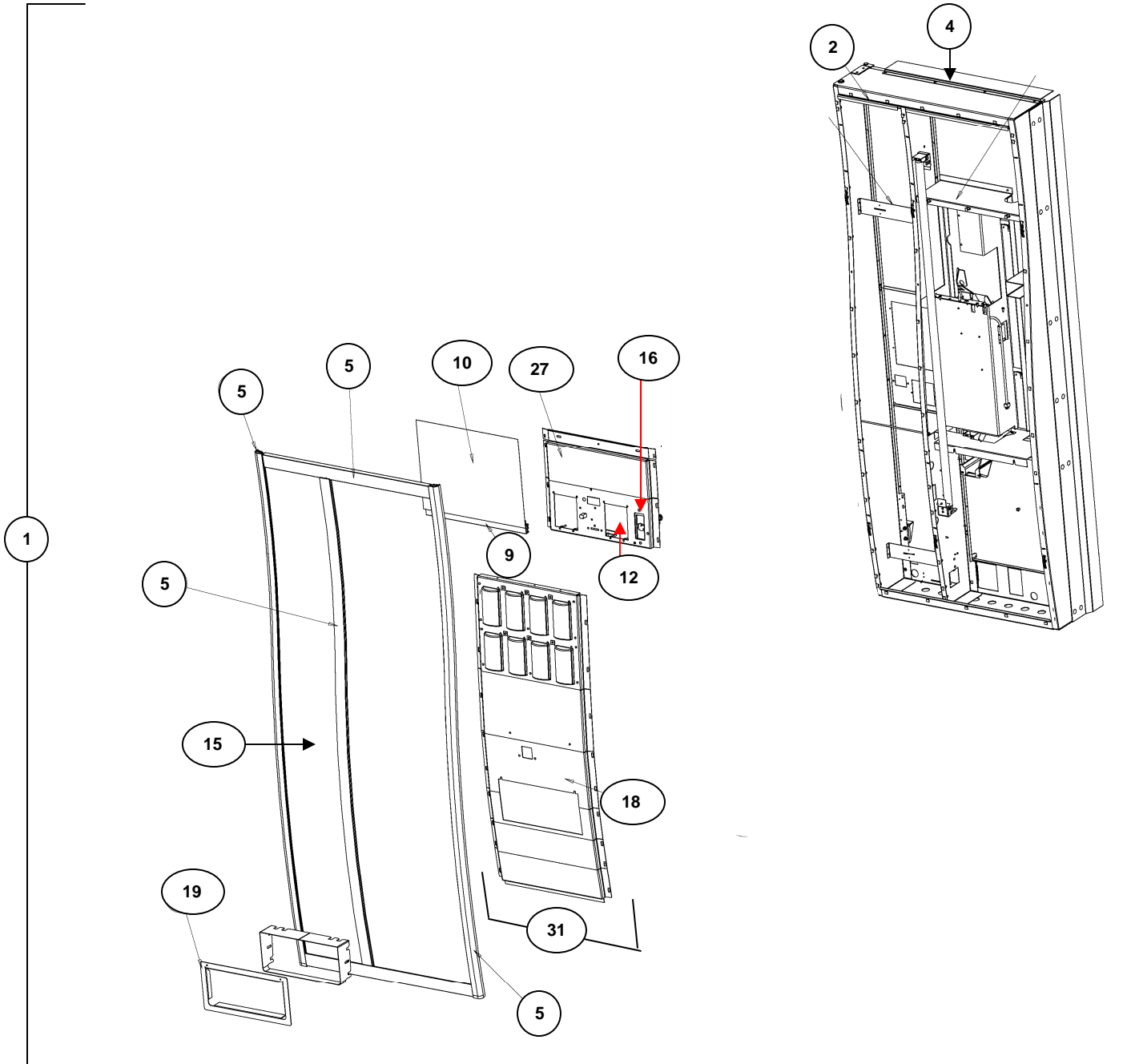
PARTS LIST

LMV – Chameleon P Series

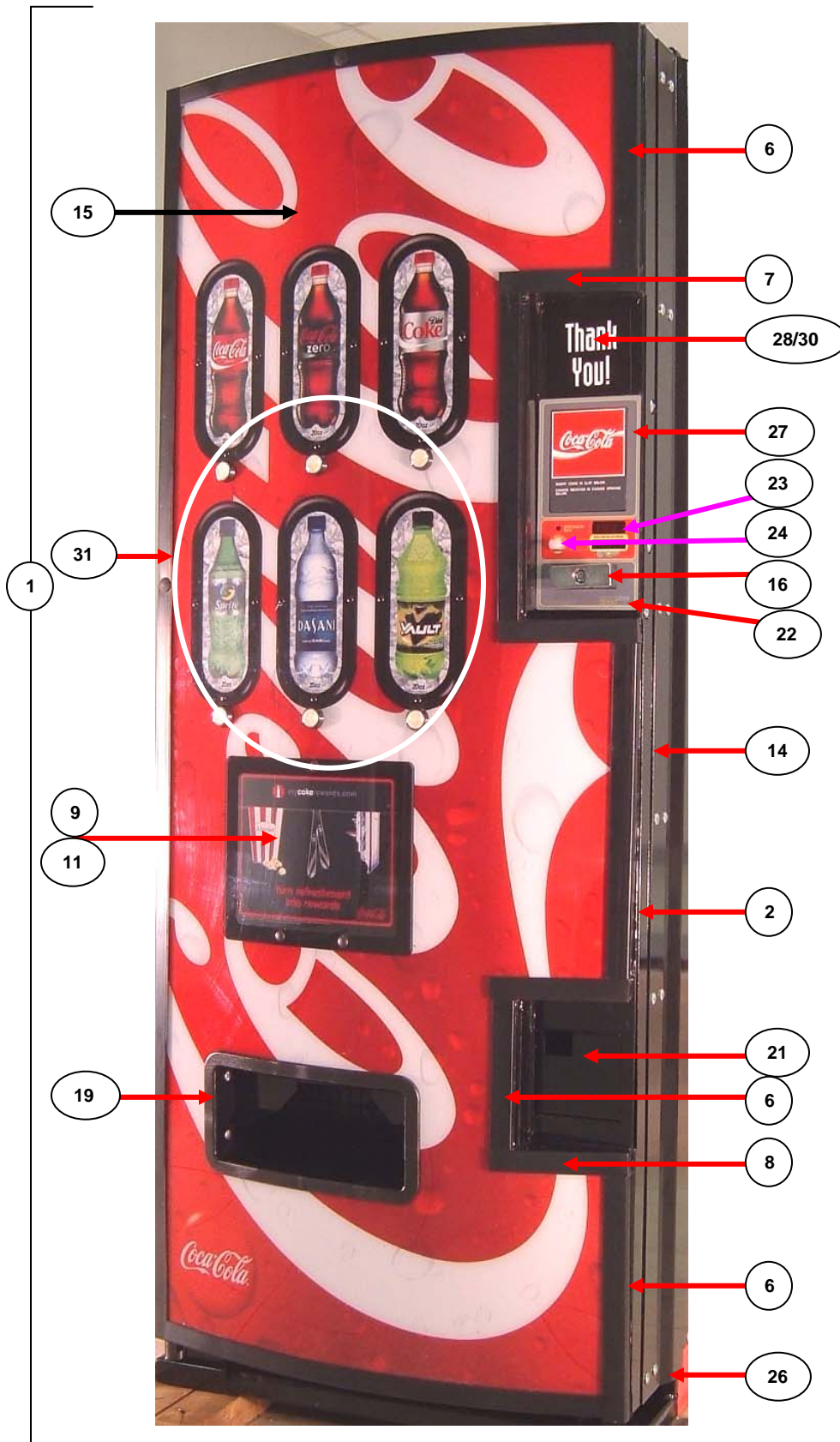
504P and 720P

MAIN DOOR EXTERIOR.....	55-59
MAIN DOOR INTERIOR (A).....	60-63
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MAIN DOOR EXTERIOR - LMV



MAIN DOOR EXTERIOR - CHAMELEON



PARTS LIST

P SERIES

MAIN DOOR EXTERIOR			
ITEM	PART DESCRIPTION	DN504P	DN720P
1	Main Door Assembly P-Series - Specify Graphics		
	Chameleon	640,055,10x.x3	629,050,80x.x3
	LMV	640,053,60x.x3	639,054,50x.x3
	Italy	642,055,60x.x3	NA
2	Door Weld Assembly (Specify Color)		
	Chameleon	640,055,00x.x3	629,050,40x.x3
	All LMV	642,053,50x.x3	642,053,60x.x3
3	Kit, Door Hinge		
	Chameleon	642,053,40x.x4	609,051,40x.x3
	All LMV	642,053,40x.x4	SAME
4	Rain Guard		
	All	169,050,34x.x3	164,151,14x.x3
5	Trim,R, LMV		
	Right / Left	642,050,53x.x3	SAME
	Top Transaction Panel 15.19"	642,050,56x.x3	SAME
	Center Vertical 65.94"	642,050,54x.x3	SAME
	Top / Bottom 34 1/8"	642,050,55x.x3	642,050,73x.x3
	Side Full Length 80"	801,818,02x.x1	SAME
	Center Full Length 80"	801,818,98x.x1	SAME
6	Trim,R, Chameleon		
	Top / Bottom Right Outer 12 3/8"	629,050,11x.x3	SAME
	Enclosure - Coin Insert 15 11/16"	629,050,09x.x3	SAME
	Center Outer 16 7/16"	629,050,13x.x3	SAME
	Enclosure - Coin Return 7 3/8"	629,050,08x.x3	SAME
	Left	801,809,67x.x1	SAME
	Horizontal	801,809,65x.x1	801,809,67x.x1
	Full Length Outer - 100 1/8"	801,810,17x.x1	SAME
7	Full Length Enclosure, Horizontal - 76 7/16"	801,809,68x.x1	SAME
	Trim, Enclosure Top		
8	Chameleon	801,805,81x.x1	SAME
	Trim, Enclosure Bottom		
9	Chameleon	801,805,82x.x1	SAME
	Trim, Ad Panel		
	Chameleon	803,886,27x.x1	SAME
	Bolt, Chameleon (3)	801,904,96x.x1	SAME
10	Nut, Chameleon (3)	801,904,97x.x1	SAME
	Window, AD		
11	All LMV	803,870,22x.x1	SAME
	Card, AD		
	Coca-Cola 2008	805,044,08x.x1	SAME
	Can, Spanish All	803,870,51x.x1	SAME
	2008 Italy	805,044,35x.x1	NA
12	Dasani Lemon	805,042,31x.x1	SAME
	Plate, Filler Bill Validator (Specify Color)		
	Chameleon	572,051,30x.x3	SAME
	Red, LMV	624,050,93x.x3	SAME
13	Black, LMV	360,050,72x.x3	SAME
	Gasket, Validator		
	All	802,001,22x.x1	SAME

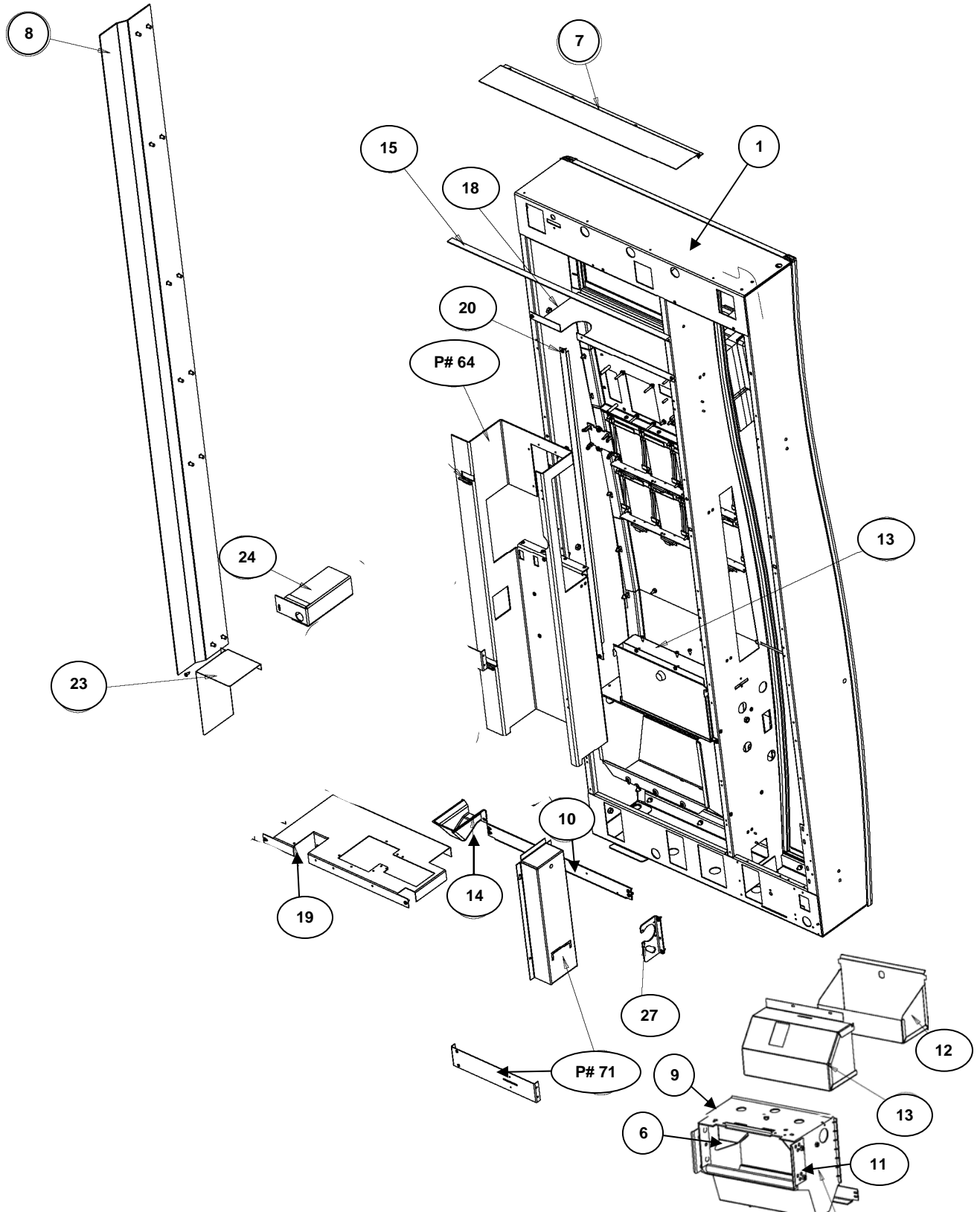
Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by

MAIN DOOR EXTERIOR - CONTINUED			
ITEM	PART DESCRIPTION	DN504P	DN720P
14	Assembly, Modular Control Panel		
	Chameleon	629,050,70x.x3	SAME
15	Sign - Chameleon		
	Coca-Cola 2008	805,044,37x.x1	805,044,36x.x1
	English, LMV	805,036,21x.x1	805,037,86x.x1
	Dasani Chameleon	NA	805,044,13x.x1
	Dasani LMV		805,039,65x.x1
	2004 Liquid Coke Italy	805,036,21x.x1	NA
16	T handle Assembly		
	Chameleon	801,524,21x.x1	SAME
	All LMV	801,525,64x.x1	SAME
17	Shim, T-Handle		
	All LMV	805,701,24x.x1	SAME
18	Assembly, Stud, Selection Panel and Port		
	All LMV	642,050,41x.x3	642,051,50x.x3
19	Port Trim (Trimspacer)		
	Chameleon	801,810,11x.x1	801,810,04x.x1
	All LMV	642,050,00x.x3	SAME
20	Decal, Port		
	Coke, English	803,877,16x.x1	803,877,18x.x1
	Coke, Mexican	803,877,16x.x1	SAME
	Coke, Spanish	803,877,16x.x1	SAME
	Coke, Italy	803,877,16x.x1	SAME
	Dasani	803,872,07x.x1	803,879,21x.x1
21	Mounting Plate, Coin Cup		
	Chameleon	572,058,40x.x3	SAME
	All LMV - Cup Only	801,810,14x.x1	SAME
22	Assembly, Coin Insert Stud		
	Chameleon	572,050,10x.x3	SAME
	LMV	642,050,60x.x3	SAME
	Italy	642,050,70x.x3	NA
23	Geometry (Display Lens)		
	Chameleon	801,807,22x.x1	SAME
	LMV	801,810,67x.x1	SAME
	Large Coin, Export	801,807,23x.x1	SAME
	Italy	801,810,67x.x1	NA
24	Push Button Coin Return		
	All	801,807,25x.x1	SAME
25	Latch, Tab Lock Large Port (Not Shown)		
	Chameleon	801,304,91x.x1	SAME
26	Vandal Panel (Specify Color)		
	All	165,150,33x.x3	SAME

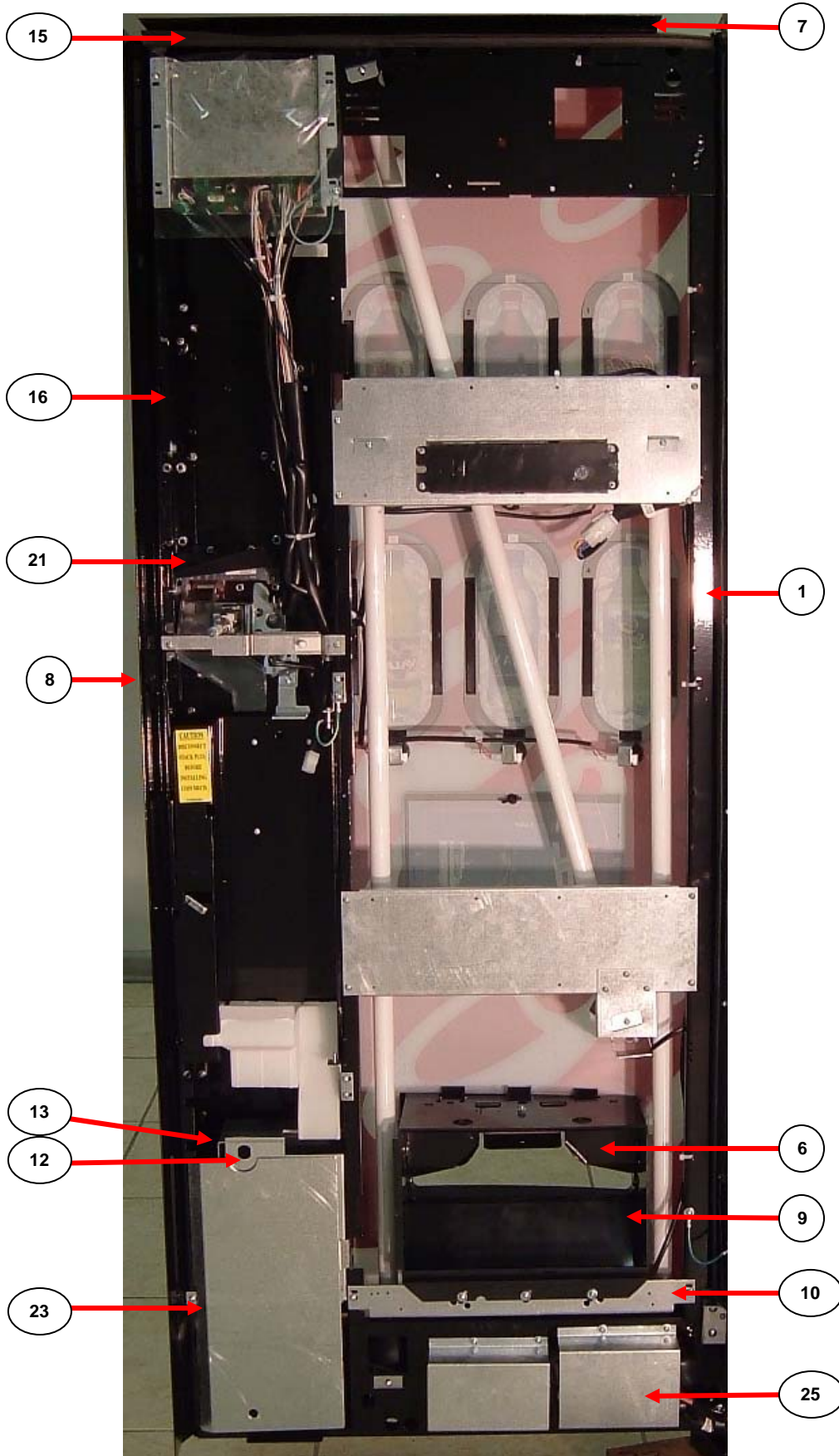
Part number and description subject to change with out notice.
NA = Not applicable TBD = To be determined RB = Replaced by

MAIN DOOR EXTERIOR - CONTINUED			
ITEM	PART DESCRIPTION	DN504P	DN720P
27	Label, Coin Insert, Transaction Panel		
	English, Chameleon	803,835,08x.x1	SAME
	English, LMV		
	Mexican	803,882,39x.x1	SAME
	Spanish, Chameleon	803,843,47x.x1	SAME
	Spanish, LMV	803,882,39x.x1	SAME
	Italy	803,887,36x.x1	NA
	Dasani	803,869,71x.x1	803,869,73x.x1
28	Assy, POS Plate		
	Chameleon	609,151,70x.x3	SAME
29	Gasket, POS		
	Chameleon	902,001,03x.x1	SAME
30	Decal, POS		
	Chameleon	803,873,97x.x1	SAME
31	Assembly, Selection Panel		
	Chameleon	640,054,70x.x4	639,056,70x.x4
	All LMV	642,051,70x.x3	642,051,60x.x3
32	Decal, Selection Panel		
	2004 Liquid Coke Italy	803,877,16x.x1	NA
MAIN DOOR EXTERIOR - MISCELLANEOUS			
ITEM	PART DESCRIPTION	DN504P	DN720P
A1	Lockcover Kit		
	Chameleon	572,010,10x.x4	SAME
	LMV	624,010,00x.x4	SAME
A2	Kit, High Security (Service Part)		
	All	609,023,50x.x4	SAME
A3	Bolt,R, Carriage 1/4-20x1 1/4	800,202,43x.x1	SAME
A4	Bolt,R, T 8-32x1/2	800,400,62x.x1	SAME
A5	Bolt, T 8-32x3/4	800,400,61x.x1	SAME
A6	Nut, Keps 8-32	800,801,54x.x1	SAME
A7	Bolt, Carriage 1/4-20x1/2	800,202,45x.x1	SAME
A8	Hole Plug, Black 5/16"	900,902,15x.x1	SAME
A9	E-Ring, #31-30	901,503,07x.x1	SAME
A10	Rivet, Pop Muti-Grip Blind	901,100,53x.x1	SAME
A11	Bolt, Carriage 1/4-20x1	800,202,42x.x1	SAME
A12	Nut, KEPS 1/4-20	800,801,57x.x1	SAME
A13	Rivet,R, Nylon Snap Black	801,904,95x.x1	SAME
A14	Kit,CC Pricing Labels		
	Chameleon	491,743,00x.x4	SAME
	LMV	491,745,60x.x4	SAME
A15	Label, Money Removed Daily (Not Shown)	903,805,70x.x1	SAME
A16	Label, Warning Do Not Tilt (Not Shown)	803,868,29x.x1	SAME
A17	Bolt,R, Carriage 1/4-20x3/4	800,202,47x.x1	SAME
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MAIN DOOR INTERIOR (A) - LMV



MAIN DOOR INTERIOR (A) – CHAMELEON



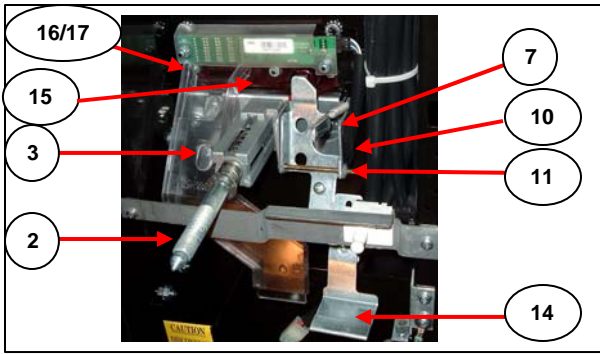
MAIN DOOR INTERIOR (A)			
ITEM	PART DESCRIPTION	DN504P	DN720P
1	Door Weld Assembly (Specify Color)		
	Chameleon	640,055,00x.x3	629,050,40x.x3
	All LMV	642,053,50x.x3	642,053,60x.x3
2	Kit, Door Hinge		
	Chameleon	642,053,40x.x4	609,051,40x.x3
	All LMV	642,053,40x.x4	SAME
3	Hinge, Top Black - Pinless		
	All	642,050,35x.x3	631,051,09x.x3
	All LMV	642,050,35x.x3	SAME
4	Spacer, Hinge		
	All	169,000,15x.x3	SAME
5	Bearing,R, Hinge Pinless		
	All	805,300,67x.x1	SAME
6	Closure Strip		
	All	609,050,14x.x3	SAME
7	Rain Guard		
	All	169,050,34x.x3	164,151,14x.x3
8	Vandal Panel (Specify Color)		
	All	165,150,33x.x3	SAME
9	Wide Delivery Port		
	Chameleon	801,813,39x.x1	801,810,02x.x1
	All LMV	801,810,02x.x1	SAME
10	Port Support / Stiffener		
	Chameleon - Stiffener	615,050,04x.x3	594,050,61x.x3
	All LMV	624,050,03x.x3	SAME
11	Delivery Port Spacer		
	All	594,050,96x.x3	SAME
12	Cash Box		
	Chameleon	432,051,80x.x3	SAME
	All LMV	642,054,10x.x3	SAME
13	Shelf, Cash Box		
	Chameleon	432,050,18x.x3	SAME
	All LMV	642,054,00x.x3	SAME
14	Change Cup, R, 1997		
	All	801,810,14x.x1	SAME
15	L Profile Gasket 35"		
	All	803,601,11x.x1	803,601,12x.x1
16	Modular / Panel and Stud Assembly		
	Chameleon	629,050,70x.x3	SAME
17	Plate, Reinforcement		
	Chameleon	NA	594,071,21x.x3
18	Top Bulkhead		
	All LMV	642,050,36x.x3	SAME
19	Bottom Bulkhead		
	All LMV	642,050,37x.x3	SAME
20	Brace, Angle 90 Degree		
	All LMV	642,050,39x.x3	SAME
21	Diverter, Rain, Bill Validator		
	All	801,903,18x.x1	SAME

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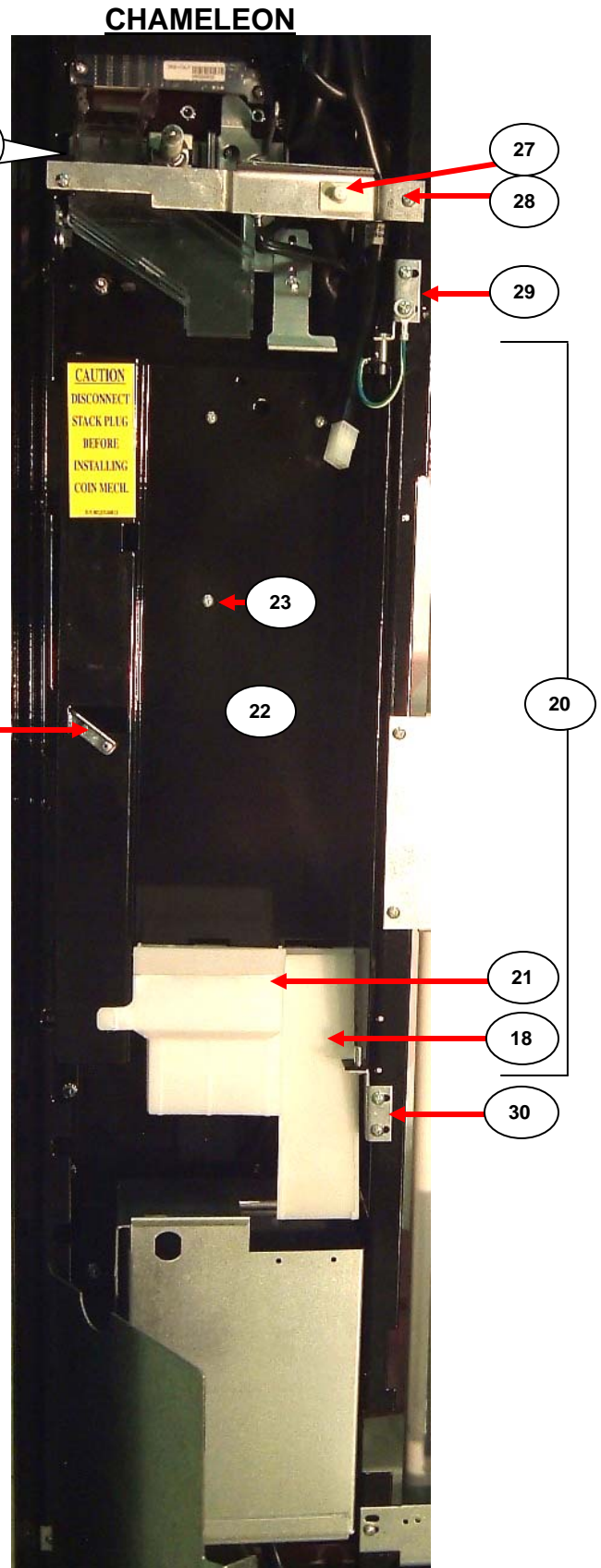
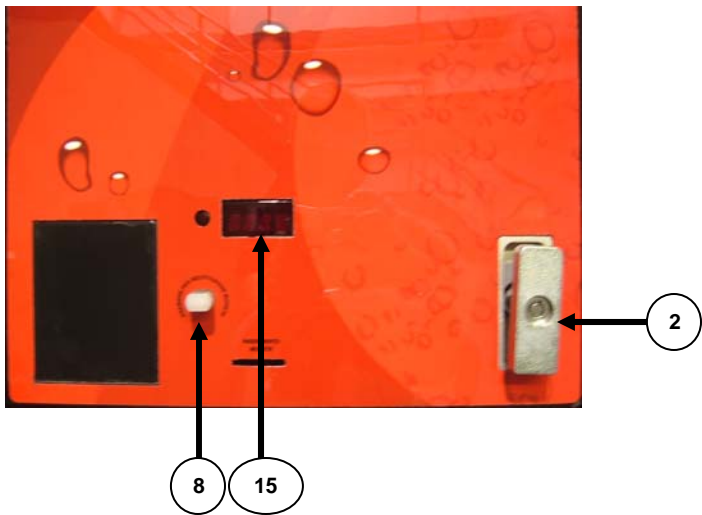
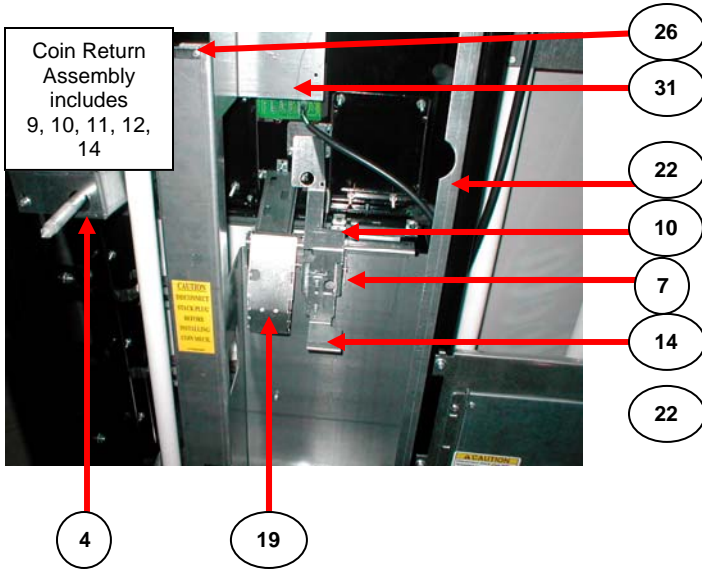
MAIN DOOR INTERIOR (A) - CONTINUED			
ITEM	PART DESCRIPTION	DN504P	DN720P
22	Gasket, Validator		
	All	802,001,22x.x1	SAME
23	Door, Bill Validator VRV (also coin box)		
	Chameleon	572,050,17x.x3	SAME
	All LMV	642,050,01x.x3	SAME
24	Cover, T-Handle		
	All LMV	642,050,41x.x3	624,050,85x.x3
25	Cover, Wire Plug		
	Chameleon	640,050,07x.x3	SAME
	All LMV	640,050,05x.x3	SAME
26	Bracket, Door Stop		
	All LMV	592,051,19x.x3	SAME
27	Door Stop, Black		
	All	631,051,26x.x3	SAME
28	Rod,R, Door		
	All LMV	801,402,86x.x1	801,402,85x.x1
29	Stiffener, Door Rod		
	All LMV	624,050,94x.x3	624,050,95x.x3
MAIN DOOR INTERIOR (A) MISCELLANEOUS			
A1	Bolt,R, Carriage 1/4-20x1	800,202,42x.x1	SAME
A2	Bolt,R, Carriage 1/4-20x1 1/4	800,202,43x.x1	SAME
A3	Bolt,R, Carriage 1/4-20x1/2	800,202,45x.x1	SAME
A4	Carriage Bolt ¼ -20x 3/8	800,202,46x.x1	SAME
A5	Bolt,R, Carriage 1/4-20x3/4	800,202,47x.x1	SAME
A6	Screw,R,10-32x1/2 Machine Truss	800,202,52x.x1	SAME
A7	Bolt, Step 1/4-20x1 1/4 Black	800,202,53x.x1	SAME
A8	Bolt,R, Carriage 5/16-18x1 1/4	800,202,54x.x1	SAME
A9	Screw,R,8-189x1/2AB Phillip Pan SEM	800,304,09x.x1	SAME
A10	Screw,R,8-18x1/2 SD Phillips Pan	800,304,18x.x1	SAME
A11	Screw,R,8-32x3/8 Phillips Pan Type 1	800,304,22x.x1	SAME
A12	Screw,R,8-18x1/2 Phillip Pan SD SEM	800,304,23x.x1	SAME
A13	Screw,R, Tap 1/4-20x1 Hex Sems Type F	800,304,26x.x1	SAME
A14	Screw,R,1/4-20x5/8 Hex Type F	800,304,36x.x1	SAME
A15	Screw,R,8-18x3/4 Self Tapping	800,304,37x.x1	SAME
A16	Screw,R,6-20x3/8 SD Phillip Pan	800,304,77x.x1	SAME
A17	Bolt,R, T 8-32x3/4	800,400,61x.x1	SAME
A18	Bolt,R,T 8-32x1/2	800,400,62x.x1	SAME
A19	Washer,R, Flat 18Gauge	800,701,44x.x1	SAME
A20	Washer,R, Door Hinge	800,701,73x.x1	SAME
A21	Nut,R, KEPS 8-32	800,801,54x.x1	SAME
A22	Nut,R, Elastic Stop #8-32	800,801,55x.x1	SAME
A23	Nut,R, KEPS #10-32	800,801,56x.x1	SAME
A24	Hex nut ¼ - 20	800,801,57x.x1	SAME
A25	Nut,R,Hex 5/16-18 Center w/Flange	800,801,61x.x1	SAME
A26	Latch, Tablock Large Port	801,304,91x.x1	SAME
A27	Hole Plug, Black, 5/8"	801,903,36x.x1	SAME
A28	Bearing,R, Hinge Pinless	805,300,67x.x1	SAME
A29	Clip,R, Canoe	900,902,14x.x1	SAME
A30	Hole Plug,R, 5/16" HEYCO 2613 Black	900,902,15x.x1	SAME

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MAIN DOOR INTERIOR (B)



LMV



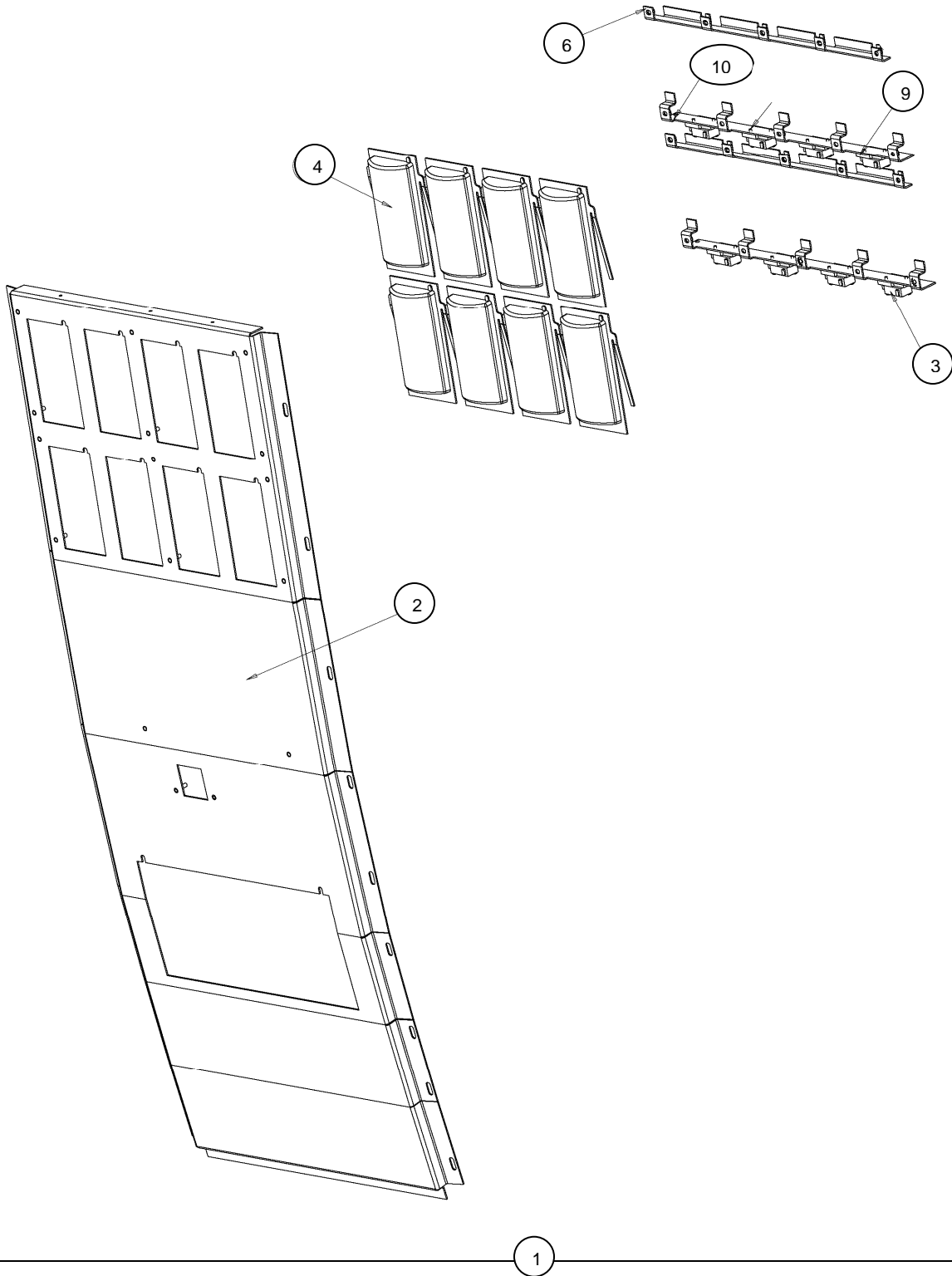
MAIN DOOR INTERIOR (B)			
ITEM	PART DESCRIPTION	DN504P	DN720P
1	Sub Assembly Coin Insert (Includes T Handle)		
	Chameleon	572,052,10x.x3	SAME
2	T-Handle Assembly Flush Mount		
	Chameleon	801,524,21x.x1	SAME
	All LMV	801,525,64x.x1	SAME
3	Bracket, T-Handle		
	Chameleon - High Security	572,000,01x.x3	SAME
	All LMV	642,050,41x.x3	624,050,85x.x3
4	Shield, T-Handle		
	All LMV	624,050,85x.x3	SAME
5	Shim, T-Handle Bracket		
	All LMV	805,701,24x.x1	SAME
6	Assembly, Coin Return		
	All LMV	642,054,20x.x3	SAME
7	Coin Return Bracket		
	Chameleon	572,050,24x.x3	SAME
	LMV	624,051,23x.x3	SAME
8	Button, Push Coin Return		
	All	801,807,25x.x1	SAME
9	Bracket, Coin Return Rocker		
	LMV	624,051,26x.x3	SAME
10	Coin Return Rocker		
	Chameleon	572,050,22x.x3	SAME
	All LMV	642,050,66x.x3	SAME
11	Roller Pin		
	Chameleon	800,503,78x.x1	SAME
	All LMV	800,503,78x.x1	SAME
12	Roller Pin Retainer		
	All	900,900,90x.x1	SAME
13	Coin Return Spring		
	Chameleon	901,700,63x.x1	SAME
	All LMV	901,700,63x.x1	801,701,22x.x1
14	Plunger, Coin Return / Extension		
	Chameleon	572,050,23x.x3	SAME
	All LMV	642,050,67x.x3	SAME
15	Geometry (red lens)		
	Chameleon	801,807,22x.x1	SAME
	LMV	801,810,67x.x1	SAME
	Large Coin, Export	801,807,23x.x1	SAME
	Italy	801,810,67x.x1	SAME
16	Coin Insert Chute Cover Clear		
	Chameleon	801,805,80x.x1	SAME
17	Coin Insert Chute Clear		
	Chameleon	801,805,79x.x1	SAME

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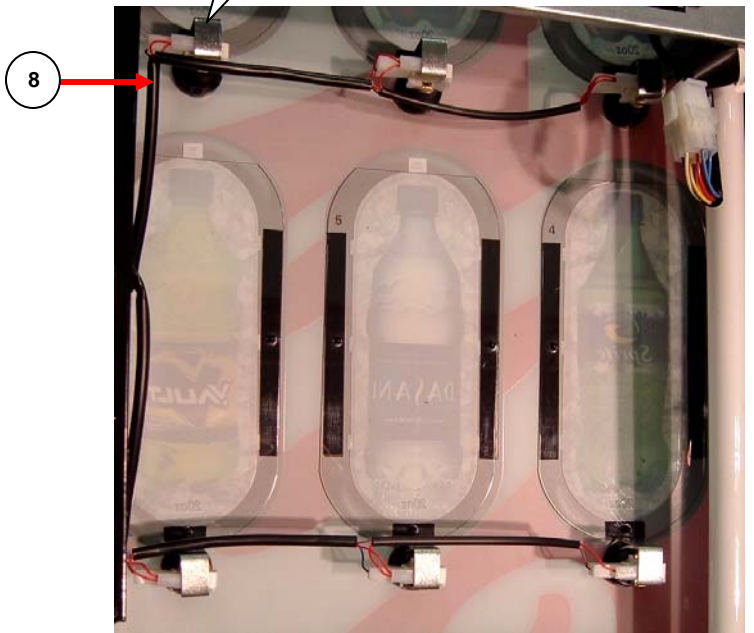
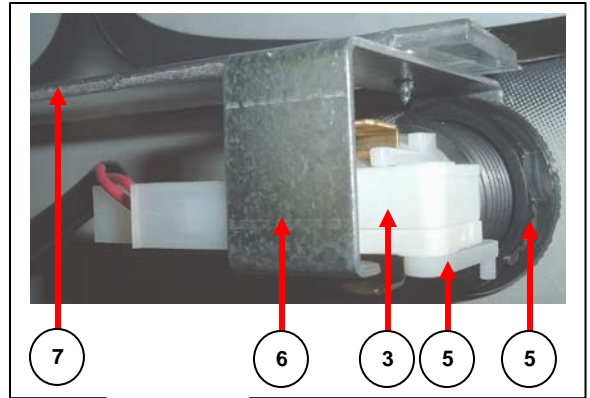
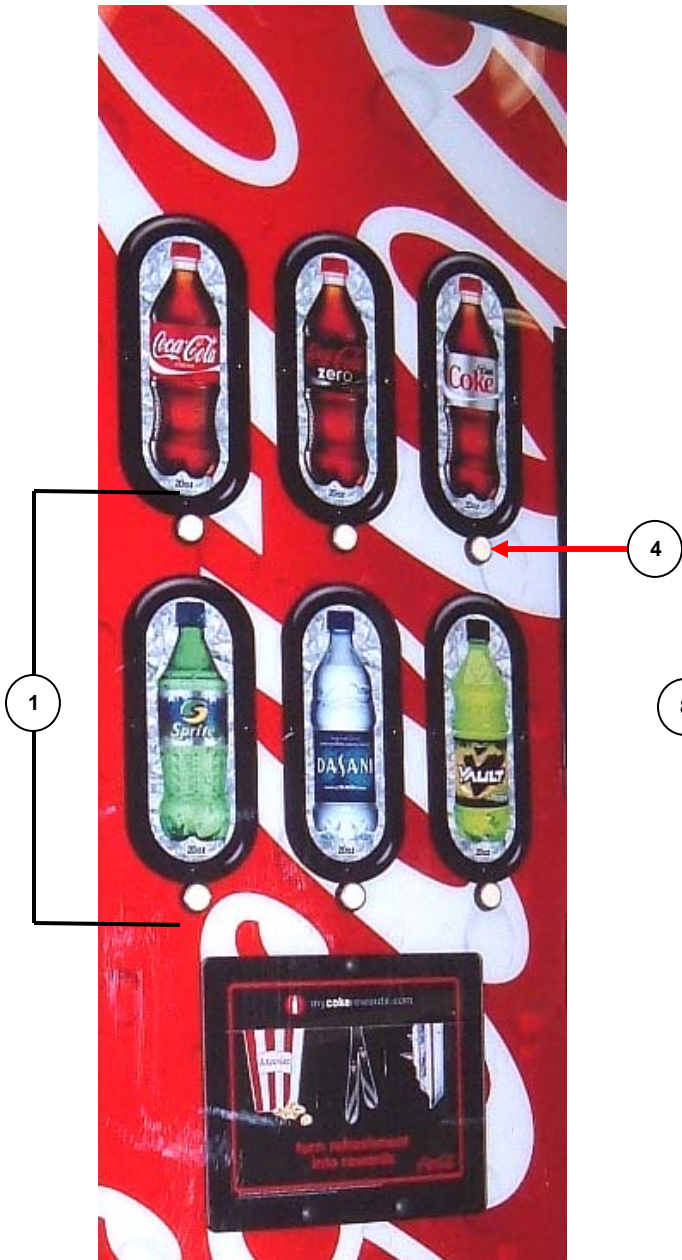
MAIN DOOR INTERIOR (B) - CONTINUED			
ITEM	PART DESCRIPTION	DN504P	DN720P
18	Coin Chute Front Non-HG		
	Chameleon	801,806,59x.x1	SAME
19	Coin Chutes - LMV		
	Transaction Panel	642,054,30x.x3	SAME
	Access Door	642,053,80x.x3	SAME
	Assembly Cash Box	642,053,90x.x3	SAME
	Coin Cup	642,050,42x.x3	SAME
20	Assembly, Access Door		
	Chameleon	491,052,00x.x3	SAME
21	Hopper & Chute Assembly Non-HG		
	Chameleon	801,806,58x.x1	SAME
22	Access Door		
	Chameleon	432,150,09x.x3	SAME
	All LMV	642,050,38x.x3	SAME
	Italy		
23	Screw,R,8-32x1/4 Phillip Swage Form (coin mech)		
	All	800,304,34x.x1	SAME
24	Hinge,R, Coin Mech Vault		
	All LMV	901,502,41x.x1	SAME
25	Change Cup		
	All	801,810,14x.x1	SAME
26	Latch Access Door		
	Chameleon (1)	801,304,53x.x1	SAME
	All LMV (2)	801,304,53x.x1	SAME
27	Door Switch		
	All	804,100,77x.x1	SAME
28	Bracket, Doorswitch		
	Chameleon	572,050,13x.x3	SAME
	All LMV	604,051,28x.x3	SAME
29	Hinge, Top Access Door		
	Chameleon	432,051,00x.x3	SAME
	All LMV	901,502,41x.x1	SAME
30	Hinge, Bottom Access Door		
	Chameleon	432,051,10x.x3	SAME
	All LMV	901,502,41x.x1	SAME
31	Bracket, Bill Validator Guard	N/A	634,050,85x.x3
	All LMV	642,050,01x.x3	SAME
Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by			

MAIN DOOR INTERIOR (B) - MISCELLANEOUS			
ITEM	PART DESCRIPTION	DN504P	DN720P
A1	Bolt,R, Carriage 5/16-20x1 1/4	800,202,43x.x1	SAME
A2	Carriage Bolt, ¼ 20 x 3/4	800,202,47x.x1	SAME
A3	Screw,R,10-32x1/2 Machine Truss	800,202,52x.x1	SAME
A4	Bolt,R, Carriage 5/16-18x1 1/4	800,202,54x.31	SAME
A5	Screw, 8-18x1/2 Phil Pan Sems	800,304,09x.x1	SAME
A6	Screw, 8-18x1/2 SD Phil Pan	800,304,18x.x1	SAME
A7	Screw, 8-18x1/2 Phil Pan Sems	800,304,23x.x1	SAME
A8	Screw, 6-32 3/8 Phil Pan Swageform	800,304,25x.x1	SAME
A9	Screw, 8-32x1/4 Phil Pan	800,304,34x.x1	SAME
A10	Screw, 8-32x3/8 Type 1, Hex Washer	800,304,38x.x1	SAME
A11	Pin, Roller 5/32x2-3/8	800,503,78x.x1	SAME
A12	Washer, Door Hinge	800,701,73x.x1	SAME
A13	Hex Nut 8-32	800,801,54x.x1	SAME
A14	Nut,R, Elastic Stop #8-32	800,801,55x.x1	SAME
A15	Nut,R, KEPS #10-32	800,801,56x.x1	SAME
A16	Hex nut ¼ 20	800,801,57x.x1	SAME
A17	Nut,R, HEX 5/16-18 Center w/Flange	800,801,61x.x1	SAME
A18	Clip,R, Trim Dart Type (6)	800,902,85x.x1	SAME
A19	Rivet,R,1/8 Steel Zinc Plate	801,100,81x.x1	SAME
A20	Bushing, .50IDx.625 097 Chassis	801,903,75x.x1	SAME
A21	Sealer,R, Black Thumable Perma-Gum	803,600,72x.x1	SAME
A22	Label, Precaution Access Door	803,833,04x.x1	SAME
A23	Label,R,SIID Precaution	803,833,04x.x1	SAME
A24	Label, Coin Return Tie	803,846,24x.x1	SAME
A25	Label,R, Domestic Bill Validator Mounting	803,858,11x.x1	SAME
A26	Washer, .260IDx.687OD Flat	900,701,22x.x1	SAME
A27	Retainer, Roller Pin	900,900,90x.x1	SAME
A28	Spring, Extension	901,700,63x.x1	SAME
A29	Clamp, Cable 1"	901,901,89x.x1	SAME
A30	Bushing,R,5/8" Split Nylon	901,902,98x.x1	SAME
A31	Clamp,R, P Cable 9/16" Black	900,902,27x.x1	SAME
A32	Rivet,R,!/8" Aluminum Black	901,100,54x.x1	SAME
A33	Clamp,R, P Cable 1" HEYCO 3390 Black	901,901,89x.x1	SAME
A34	Label, Coin Mech SII	903,901,30x.x1	SAME
A35	Tape,R, 1.5" Surtape SF415	905,402,20x.x1	SAME
A36	Envelope, Set Screw, Hex Key	905,410,86x.x1	SAME
Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by			

SELECT PANEL - LMV

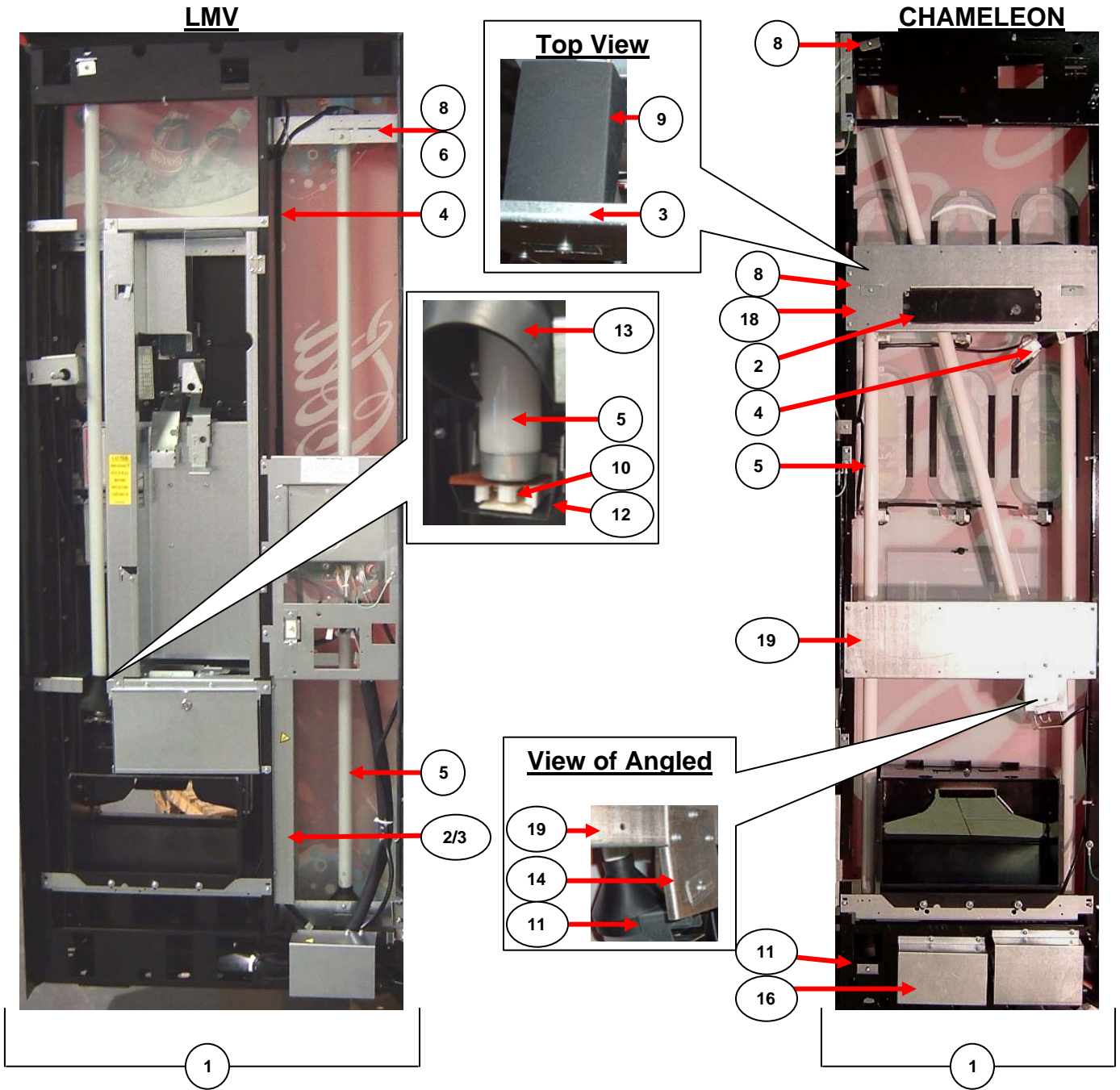


SELECT PANEL - CHAMELEON



SELECT PANEL			
ITEM	PART DESCRIPTION	DN504P	DN720P
1	Select Panel Assembly		
	Chameleon	640,054,70x.x4	639,056,70x.x4
	All LMV	642,051,70x.x3	642,051,60x.x3
2	Weld Assembly Select Panel - Not Shown		
	Only LMV	642,051,40x.x3	642,051,50x.x3
3	Select Switch		
	All	804,100,74x.x1	SAME
4	Select Button		
	Assy, Chameleon	805,202,83x.x1	SAME
	All LMV	801,810,62x.x1	SAME
5	Nut, Selection Button	Must order 805,202,83x.x1 Item 4	
	Housing, Selection Button		
	Spring, Selection Button		
	Insert, Selection Button		
	Washer, Selection Button Assembly		
	Holder, Selection Switch		
6	Select Button Bracket		
	Chameleon	800,102,82x.x1	SAME
	All LMV	624,050,12x.x3	SAME
7	Sign Brace		
	Chameleon (2)	NA	801,603,12x.x1
8	Harness		
	Chameleon	804,927,68x.x1	804,927,64x.x1
	All LMV	804,921,09x.x1	804,921,08x.x1
9	Insulator,R, SII Switch		
	All LMV	801,812,17x.x1	SAME
10	Stop,R, Selection Button		
	All LMV	805,700,58x.x1	SAME
SELECT PANEL - MISCELLANEOUS			
ITEM	PART DESCRIPTION	DN504P	DN720P
A1	Screw,R,4-24x3/4 Type B Phillip Pan	800,304,50x.x1	SAME
A2	Standoff, .187 x .312 x .625	901,001,44x.x1	SAME
A3	Hex Nut # 8 -32	800,801,54x.x1	SAME
A4	Screw, 6-20x11/32 (9)	800,305,28x.x1	SAME
A5	Rivet, Black Snap (24)	801,904,95x.x1	SAME
A6	Clamp, Nylon 1/2"	900,901,80x.x1	SAME
A7	Tape,R,PSA CLSD CELL 1RL= 1700ft	903,600,66x.x1	SAME
Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by			

T8 LIGHTING

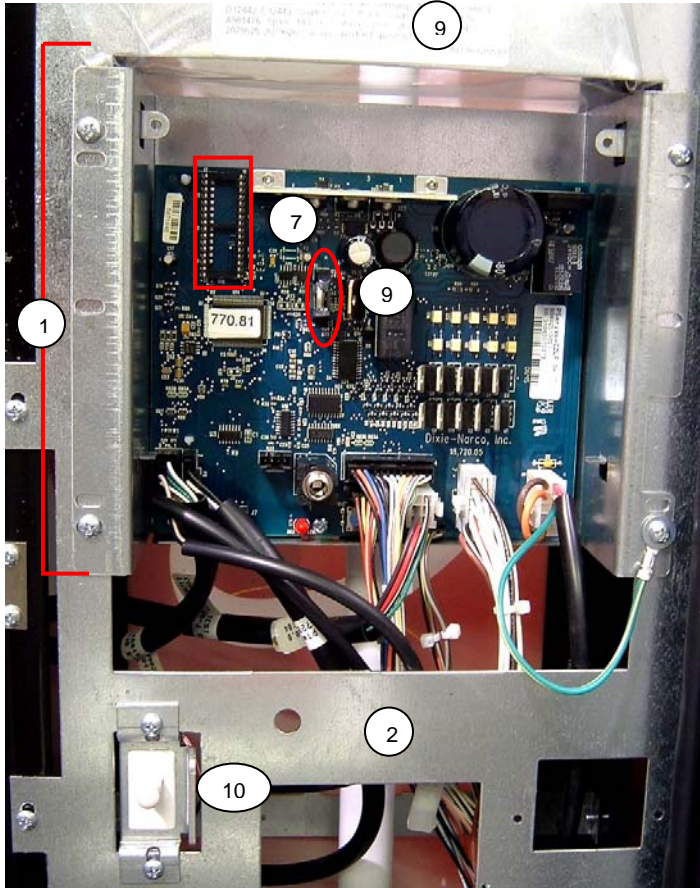


T8 LIGHTING			
ITEM	PART DESCRIPTION	DN504P	DN720P
1	T8 Light Assembly		
	Chameleon	639,056,60x.x3	SAME
	All LMV Except Italy	640,050,00x.x3	640,050,10x.x3
	Italy	639,051,00x.x3	NA
2	Ballast T8		
	All Except Italy	804,400,61x.x1	SAME
	Italy - OSRAM QTISE2x58 T8 220v	804,401,22x.x1	NA
3	Ballast Enclosure		
	Chameleon - KYDEX	639,050,36x.x3	SAME
	All LMV	642,052,90x.x3	SAME
	Italy	631,051,01x.x3	NA
4	T8 Lighting Harness (Not Shown)		
	Chameleon	804,927,63x.x1	SAME
	All LMV	804,921,07x.x1	804,921,02x.x1
	Italy	804,923,33x.x1	NA
5	T8 Lamp		
	All Except Italy – Phillips 382614 F32T8/TL865	804,700,76x.x1	SAME
	Italy-Lamp,R,FL T8 5' L58W/840 – Phillips 382614	804,700,83x.x1	NA
	Italy-Lamp,R,FL48" TLD36W/840NG METRIC – Phillips 291898	804,700,66x.x1	NA
6	Bracket, Light Mount		
	All LMV (2)	624,051,38x.x3	642,050,63x.x3
7	Top Lampholder T8 Leviton 13518		
	All	804,918,58x.x1	SAME
8	Bracket, Lamp Socket, Top - <i>Can only be purchased w/assy</i>		
	Angled – Chameleon 3.50"	639,050,22x.x3	SAME
	Center - Chameleon	432,050,38x.03	SAME
	All LMV	642,050,68x.x3	SAME
9	Shield, Top		
	Center – Chameleon KYDEX	639,050,36x.x3	SAME
	All LMV	801,819,12x.x1	801,819,13x.x1
	Export,LMV	801,819,13x.x1	SAME
10	Bottom Lampholder T8 Leviton 13519		
	All	804,918,59x.x1	SAME
11	Bracket, Lamp Socket, Bottom Twist - <i>Can only be purchased w/assy</i>		
	Angled – Chameleon 3.50"	639,050,22x.x3	SAME
	Center - Chameleon	432,050,38x.03	SAME
	All LMV	642,050,89x.x3	SAME
12	Shield, Bottom		
	Center – Chameleon KYDEX	639,050,36x.x3	SAME
	All LMV	801,819,12x.x1	SAME
	Export, LMV	NA	NA
13	Fluorescent Lamp Boot		
	All	802,001,44x.x1	SAME

Part number and description subject to change with out notice.
NA = Not applicable TBD = To be determined RB = Replaced by

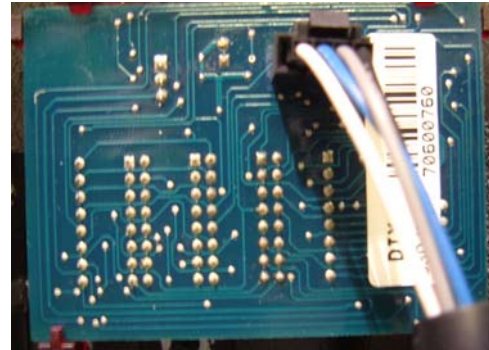
T8 LIGHTING - CONTINUED			
ITEM	PART DESCRIPTION	DN504P	DN720P
14	Lamp Bracket Plate		
	Angled Chameleon (1)	609,071,14x.x3	SAME
15	Choke		
	Chameleon - 5mH 6A FOSTER A-16015	804,926,93x.x1	SAME
16	Choke Cover		
	Chameleon	629,050,16x.x3	SAME
17	Choke Harness		
	Chameleon	804,921,11x.x1	SAME
18	Stiffener, Upper		
	Chameleon	640,050,44x.x3	609,071,13x.x3
	All LMV	NA	642,050,36x.x3
19	Stiffener, Lower		
	Chameleon	640,050,45x.x3	609,071,12x.x3
	All LMV	NA	642,050,37x.x3
MAIN DOOR EXTERIOR - MISCELLANEOUS			
A1	Label, Fluorescent Lamp	803,870,05x.x1	NA
A2	Screw, 10-32x1 1/4 Type F	800,304,28x.x1	SAME
A3	Screw, 8-32x3/8 Type 1	800,304,22x.x1	SAME
A4	Clamp, Cable Nylon, 3/8"	900,902,43x.x1	SAME
A5	Clip, Harness	801,807,49x.x1	SAME
A6	Bushing, Split 1 1/4"	802,001,57x.x1	SAME
A7	Bushing, Split 7/8"	801,903,03x.x1	SAME
A8	Grommet, Caterpillar 23.375"	801,809,93x.x1	SAME
A9	Label,Lamp,5'58W Replacement Spanish	803,876,89x.x1	SAME
A10	Screw,R,8-18x1/2 SD Phillip Pan	800,304,18x.x1	SAME
Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by			

ELECTRONIC COMPONENTS



LMV

3



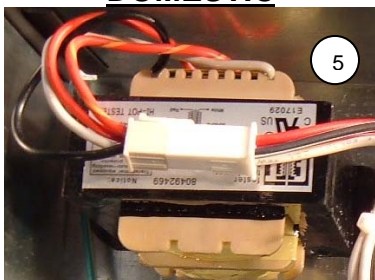
804,925,16x.x1

CHAMELELON



804,925,15x.x1

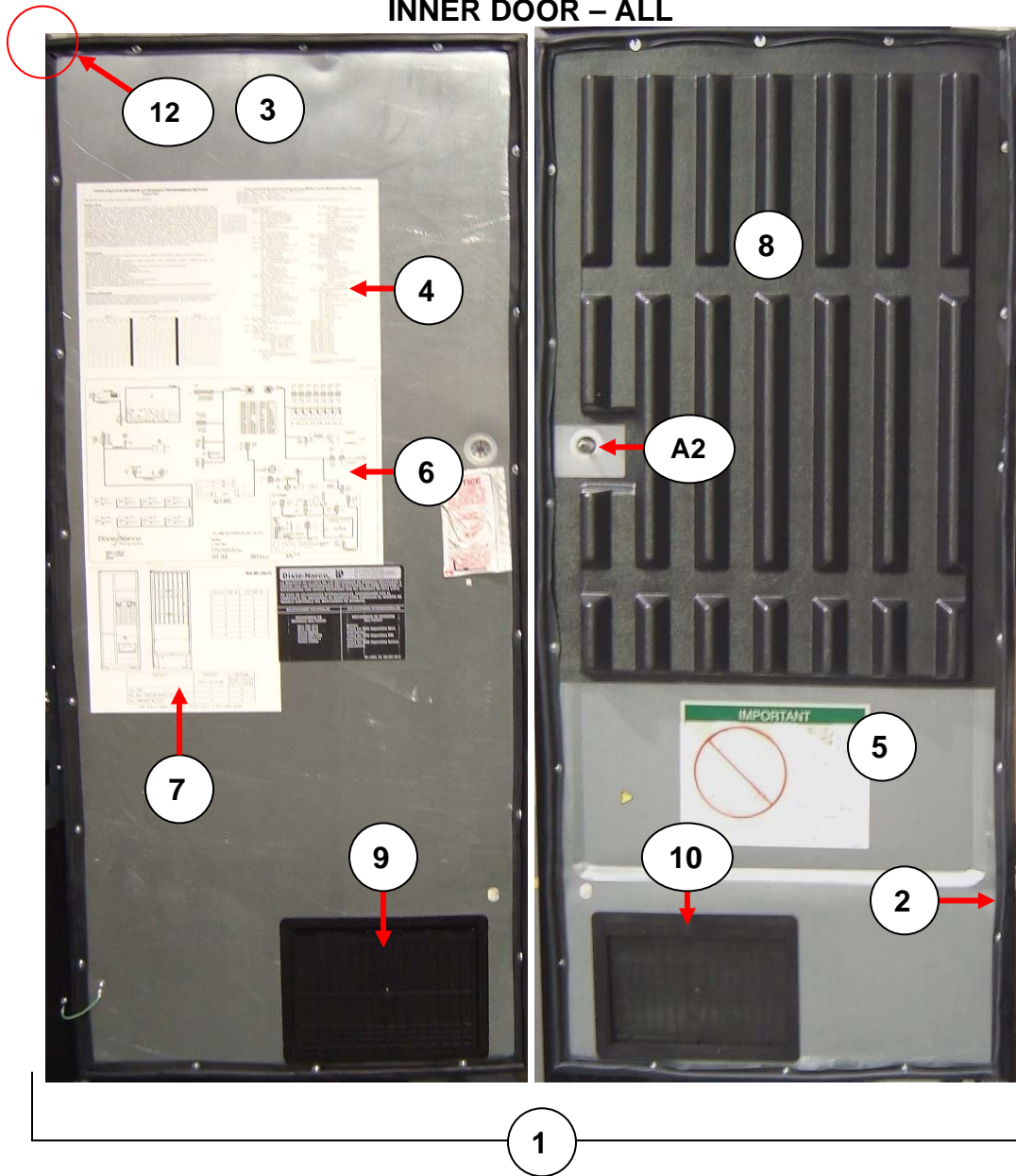
DOMESTIC



5

ELECTRONIC COMPONENTS			
ITEM	PART DESCRIPTION	DN504P	DN720P
1	Control Board Assembly SBC		
	All	640,010,00x.x3	SAME
2	Bracket, SBC Mounting		
	All LMV	642,050,09x.x3	642,050,11x.x3
3	Display Board 14 Segment		
	Chameleon	804,925,15x.x1	SAME
	All LMV	804,925,16x.x1	SAME
4	Gasket, Display		
	All LMV	802,001,28x.x1	SAME
5	Transformer,R, Domestic CL2 UL1585		
	All Except Italy	804,925,96x.x1	SAME
	Italy	804,926,90x.x1	NA
6	Controller Cover - Not Shown		
	All	801,306,16x.x1	SAME
7	EPROM (EPROM socket only shown)		
	All	804,919,77x.x1	SAME
8	Rain Curtain, Control Board		
	All	801,904,23x.x1	SAME
9	Battery, 3V Lithium (CR2032)		
	All	804,920,45x.x1	SAME
10	Door Switch		
	All	804,100,77x.x1	SAME
11	Cover, Display Board		
	Chameleon	801,809,99x.x1	SAME
12	Vend Sensor Assembly, Service Kit		
	All	639,010,00x.x3	SAME
ELECTRONIC COMPONENT - MISCELLANEOUS			
A1	Kit, Override Switch	626,020,44x.x4	SAME
A2	Screw,R,#6-32x1/4" Pan Head Threadform (3)	800,202,48x.x1	SAME
A3	Screw,R,8-18x1/2 SD Phillip Pan	800,304,18x.x1	SAME
A4	Standoff,Reverse Lock (4)	801,904,21x.x1	SAME
A5	Label,R,Caution and Fuse S3D	803,857,06x.x1	SAME
A6	Ground,R,Wire 4" Green/Yellow	804,902,61x.x1	SAME
A7	Tie,R,Wire 7 1/2"	901,902,01x.x1	SAME
A8	Tape,R,Transparent, Adhesive Roll=108' SH742	903,600,65x.x1	SAME
Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by			

INNER DOOR - ALL

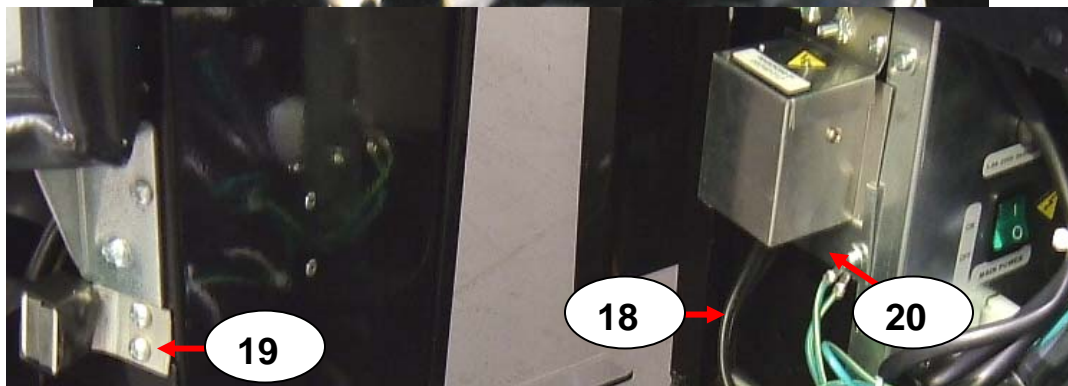
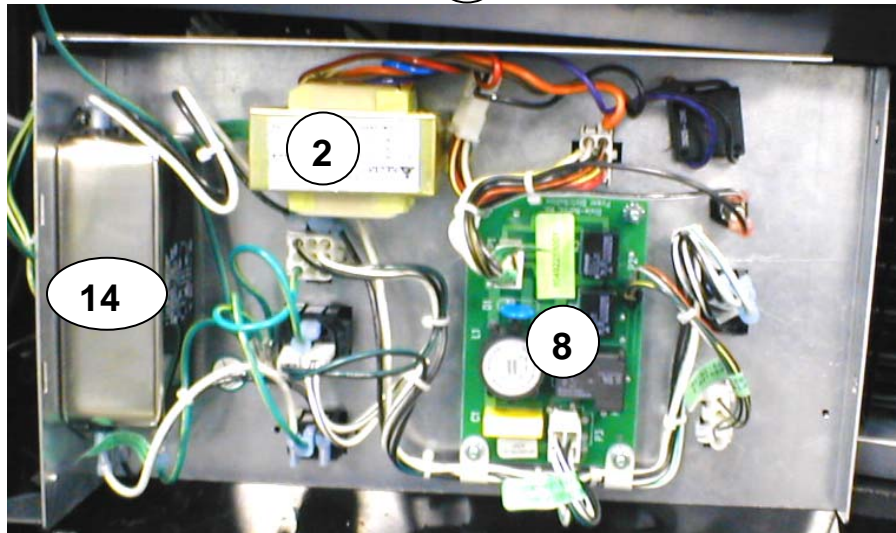
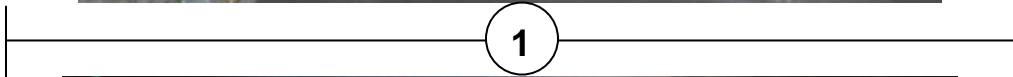
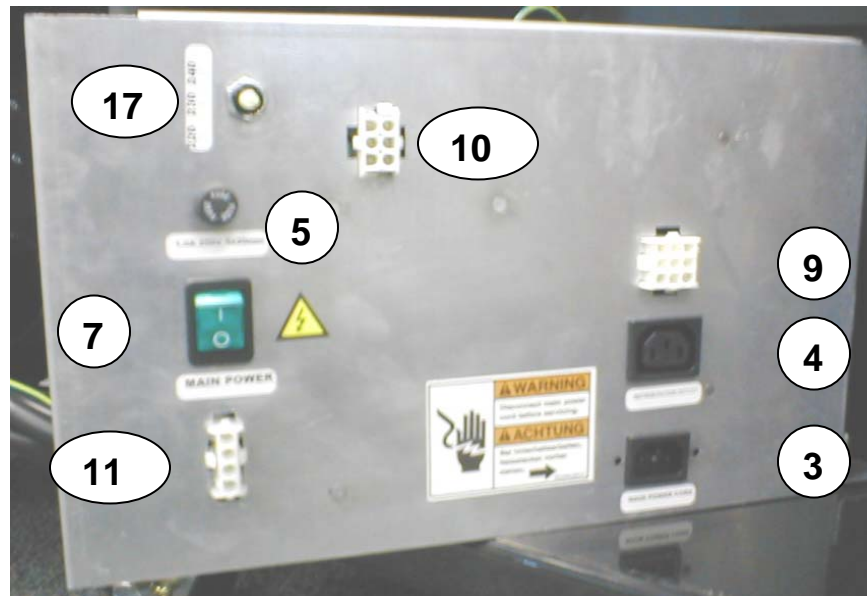


INNER DOOR			
ITEM	PART DESCRIPTION	DN504P	DN720P
1	Inner Door Assembly		
	Chameleon	640,054,90x.x3	629,050,60x.x3
	All LMV	640,052,80x.x3	639,053,00x.x3
2	Inner Door Gasket		
	All	801,819,05x.x1	801,819,04x.x1
3	Sub Assembly Inner Door		
	Chameleon	640,054,80x.x3	629,050,50x.x3
	All LMV	640,050,90x.x3	639,050,50x.x3
4	Label, Programming 3.0		
	All Except Italy	803,887,83x.x1	SAME
	Italy	803,857,71x.x1	NA
5	Loading Instruction		
	All	803,881,63x.x1	SAME
6	Wiring Diagram		
	Chameleon	803,886,64x.x1	803,886,47x.x1
	All LMV Except Italy	803,881,74x.x1	803,881,75x.x1
	Italy	803,886,46x.x1	NA
7	Label, Button/Stack		
	Chameleon	803,886,65x.x1	803,886,32x.x1
	All LMV	803,881,34x.x1	803,881,35x.x1
8	Gate, Front Product Positioner		
	Chameleon	801,824,27x.x1	801,821,81x.x1
	All LMV	801,821,57x.x1	801,821,56x.x1
9	Discharge Frame Retainer		
	All	801,809,15x.x1	SAME
10	Assembly, Discharge Frame		
	All	801,809,16x.x1	SAME
11a	Door, Discharge		
	All	801,809,17x.x1	SAME
11b	Frame, Discharge		
	All	801,809,14x.x1	SAME
11c	Rod, Hinge (Not Shown)		
	All	801,401,70x.x1	SAME
12	Inner Door, Top Hinge, Weld Assembly		
	All	169,053,00x.x3	SAME
13	Inner Door, Bottom Hinge, Weld Assembly		
	All	169,051,10x.x3	SAME
INNER DOOR - MISCELLANEOUS			
A1	Carriage Bolt 1/4-20x1/4	800,202,43x.x1	SAME
A2	Screw,R, SD Phil Pan Sems (44)	800,304,23x.x1	SAME
A3	Inner Door Bushing (Bearing)	801,806,42x.x1	SAME
A4	Bushing Retainer	801,806,43x.x1	SAME
A5	Bearing,R, Plastic (Not Shown) (2)	901,803,71x.x1	SAME
A6	Inner Door Lock Kit		
	All	360,010,30x.x4	SAME
A7	Screw, 10-32x1/2 Machine Truss (4)	800,202,52x.x1	SAME
A8	Nut, KEPS #10-32 (4)	800,801,56x.x1	SAME
A9	Knob, Pull	NA	901,501,70x.x1
A10	Bolt, Carriage 1/4-20x1 1/4	NA	800,202,43x.x1

Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by

HARNESSING Single Board (SBC)			
ITEM	PART DESCRIPTION	DN504P	DN720P
1	Motor Harness (Stack)		
	All	000410	000596
2	Harness, P-Series Door		
	Chameleon	804,926,38x.x1	SAME
	All LMV	804,926,37x.x1	SAME
3	Harness, MDB		
	Chameleon	804,919,58x.x1	SAME
	All LMV	804,920,83x.x1	SAME
4	Harness, AC Distribution - Door		
	Chameleon	804,923,81x.x1	SAME
	All LMV	804,923,80x.x1	SAME
5	Harness, Selection Panel		
	Chameleon	804,927,68x.x1	804,927,64x.x1
	All LMV	804,921,09x.x1	804,921,08x.x1
6	66" DEX Harness		
	All	804,907,83x.x1	SAME
7	Secondary DEX Harness		
	All	804,913,97x.x1	SAME
8	Nut, DEX Harness		
	All	800,801,65x.x1	SAME
9	Display Harness (P3 to display board)		
	All	804,919,57x.x1	SAME
10	MDB and Lock Power Harness (P7)		
	Chameleon	804,919,58x.x1	SAME
	All LMV	804,920,83x.x1	SAME
11	Extended Light Harness, AC Box		
	All	804,923,80x.x1	SAME
12	Power Cord, Detachable GFCI		
	All Except Italy	651,010,00x.x3	SAME
	Italy	804,923,48x.x1	NA
HARNESSING - MISCELLANEOUS			
A1	Label,R,Warning GFCI	803,885,18x.x1	SAME
A2	Label,R,Notice GFCI Equipped Machine	803,885,42x.x1	SAME
A3	Tie,R, Wire 7.5"	901,902,01x.x1	SAME
A4	Screw,R, 8-18x1/2 Phillip Pan	800,304,18x.x1	SAME
A5	Standoff,Reverse Lock	801,904,21x.x1	SAME
Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by			

POWER DISTRIBUTION

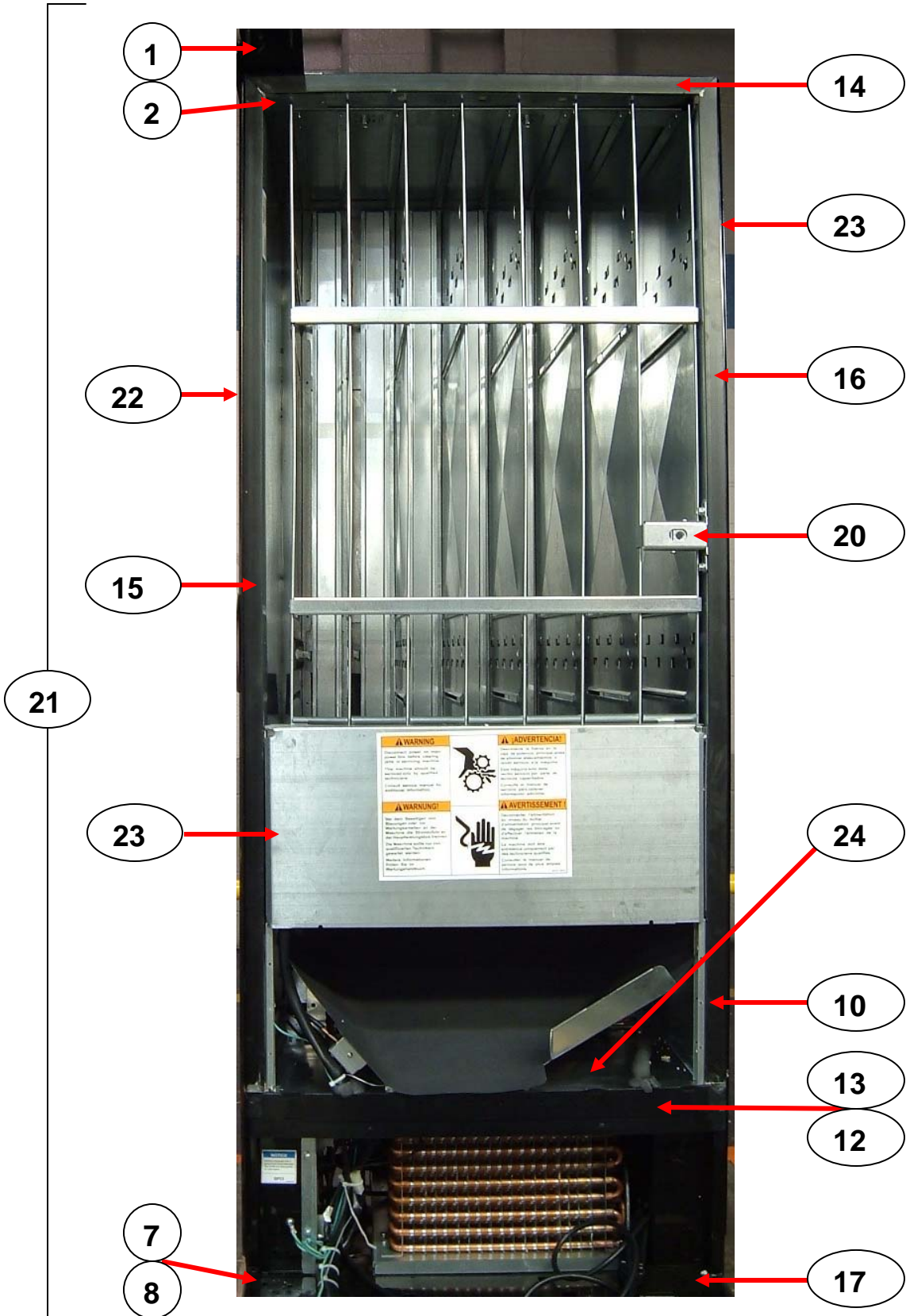


POWER DISTRIBUTION			
ITEM	PART DESCRIPTION	DN504P	DN720P
1	Power Distribution Box Assembly 115/60		
	All	639,030,90x.x3	SAME
	Italy	639,030,60x.x3	NA
2	Transformer		
	All Except Italy	804,925,96x.x1	SAME
	Italy	804,926,90x.x1	NA
3	Power Inlet Plug		
	All	804,913,62x.x1	SAME
4	Refrigeration Outlet		
	All Except Italy	W662	SAME
	Italy	804,911,14x.x1	NA
5	Fuse Holder - 5X20mm		
	All	804,925,46x.x1	SAME
6	Fuse		
	All Except Italy, 1.6A	804,800,71x.x1	SAME
	Italy, 1.0A Slow Blow 250V	804,925,49x.x1	NA
7	Rocker Switch, Illuminated		
	Domestic - Amber	804,101,18x.x1	SAME
	Italy - Green	804,101,12x.x1	NA
8	Relay Board Assembly, AC Distribution		
	All Except Italy	804,925,27x.x1	SAME
	Italy	804,925,28x.x1	NA
9	AC Input Harness		
	All	804,923,23x.x1	SAME
10	AC Outlet Harness		
	All	804,923,24x.x1	SAME
11	Power Distribution Relay Harness		
	All	804,923,25x.x1	SAME
12	AC Distribution Harness		
	All	804,923,26x.x1	SAME
13	Bracket, Mounting Power Dist Box		
	All	639,030,08x.x3	SAME
14	Filter, EMI Schaffner FN2080-10		
	Italy	804,800,96x.x1	NA
15	Harness, AC to Filter		
	Italy	804,923,43x.x1	NA
16	Harness, AC from Filter		
	Italy	804,923,44x.x1	NA
17	Switch, 3-Position Rotary		
	Italy	804,916,93x.x1	NA
18	Assembly,R, Magnet, Power Interrupt LMV		
	Italy	804,925,63x.x1	NA
19	Harness, PI Switch Assembly		
	Italy	804,925,35x.x1	NA
20	Plate, Support PI Switch		
	Italy	639,030,11x.x3	NA

Part number and description subject to change with out notice.
NA = Not applicable TBD = To be determined RB = Replaced by

POWER DISTRIBUTION - CONTINUED			
ITEM	PART DESCRIPTION	DN504P	DN720P
21	Power Cord, Detachable GFCI, Assy		
	Domestic	651,010,00x.x3	SAME
	Italy	804,923,48x.x1	NA
22	Plate, Power Dist Box		
	All Except Italy	639,030,06x.x3	SAME
POWER DISTRIBUTION - MISCELLANEOUS			
A1	Screw,R,#6-32x1/4" Pan Head Threadform	800,202,48x.x1	SAME
A2	Screw,R, 8-18x1/2 SD Phillip Pan	800,304,18x.x1	SAME
A3	Screw,R, 8-32x3/8 Phillip Pan Type 1	800,304,22x.x1	SAME
A4	Nut,R,KEPS 8-20	800,801,54x.x1	SAME
A5	Nut,R, KEPS 15-21 Hex Panel	800,801,63x.x1	SAME
A6	Clamp,R,P Nylon Cable 5/16" White	800,902,51x.x1	SAME
A7	Rivet,R,1/8 Steel Zinc Plate	801,100,81x.x1	SAME
A8	Edge,R, Trim Rubber 6"	801,814,53x.x1	SAME
A9	Spacer,R,Nylon #8 ID, .312 OD, .5	801,818,13x.x1	SAME
A10	Label,R, Select Switch	803,857,56x.x1	SAME
A11	Label,R, AC Box Power Dist German	803,858,69x.x1	SAME
A12	Label,R,Main Power	803,860,85x.x1	SAME
A13	Label,R,1.6A Fuse	803,868,03x.x1	SAME
A14	Label,R, Refrigeration Outlet	803,868,04x.x1	SAME
A15	Label,R, Fuse 1.0A	803,876,83x.x1	SAME
A16	Label,R,Main Power Inlet	803,876,84x.x1	SAME
A17	Label,R,On/Off Rocker Switch	803,879,72x.x1	SAME
A18	Lead,R, Ground 4" Green/Yellow	804,902,61x.x1	SAME
A19	Ground,R,Lead 20"	804,904,42x.x1	SAME
A20	Lead,R,Ground 39" 16AWG 603290	804,905,38x.x1	SAME
A21	Ground,R,Compressor Outlet	804,913,84x.x1	SAME
A22	Lead,R,Ground 5"	804,923,27x.x1	SAME
A23	Nut,R, KEPS 8-32	900,800,50x.x1	SAME
A24	Label,R,Warning High Voltage	903,825,86x.x1	SAME
A25	Label,R, Ground	903,826,61x.x1	SAME
Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by			

CABINET AND VEND MECHANISM
(Section 1)



PARTS LIST

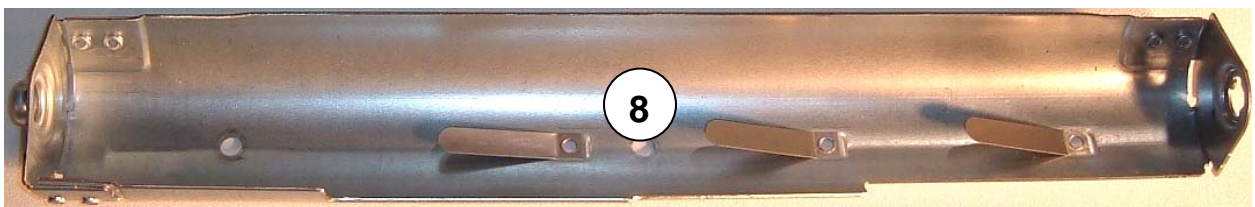
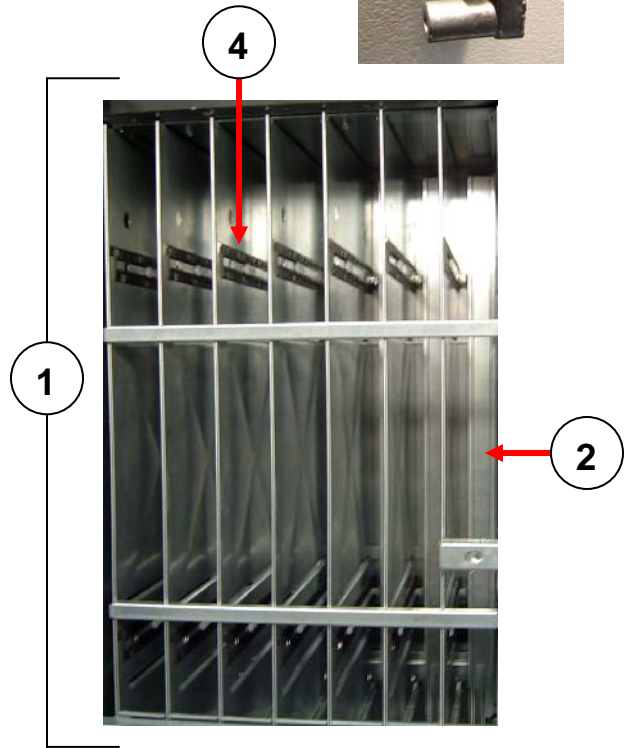
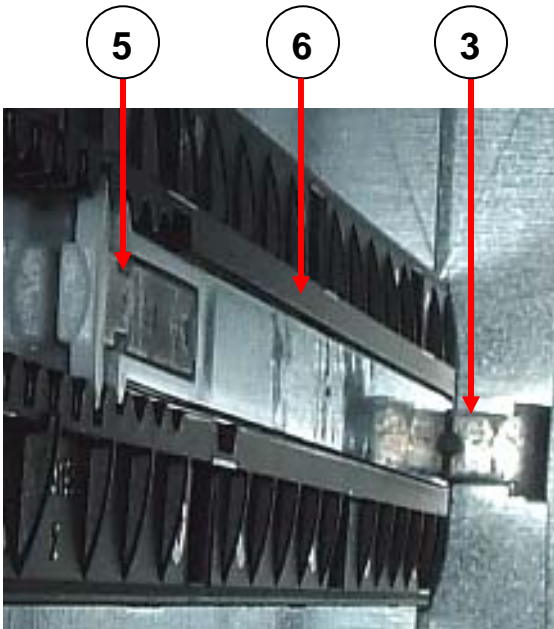
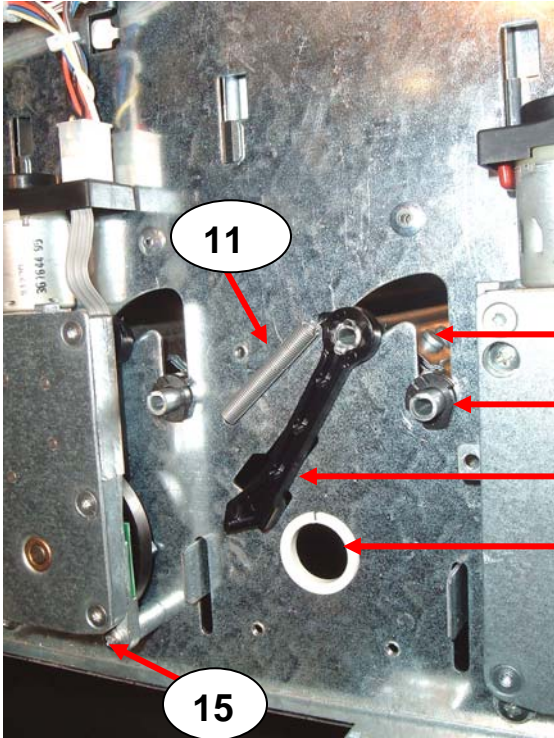
P SERIES

CABINET AND VEND MECHANISM (Section 1)			
ITEM	PART DESCRIPTION	DN504P	DN720P
1	Kit, Door Hinge Assembly		
	Chameleon	642,053,40x.x4	609,051,40x.x3
	All LMV	642,053,40x.x4	SAME
2	Cover, Hinge Pocket		
	All	631,051,07x.x3	SAME
3	Block, Foam		
	All	903,300,77x.x1	SAME
4	Top Hinge (Main Door)		
	Chameleon	631,051,09x.x3	SAME
	All LMV	642,050,35x.x3	631,051,09x.x3
5	Hinge, Spacer		
	All	169,000,15x.x3	SAME
6	Bearing, Hinge – Pin less		
	All	805,300,67x.x1	SAME
7	Hinge, Bottom Assembly (Main Door)		
	Chameleon	631,152,40x.x3	SAME
	All LMV	642,051,80x.x3	SAME
8	Sleeve, bottom hinge		
	All	900,502,64x.x1	SAME
9	Washer,R, Door Hinge		
	All	800,701,73x.x1	SAME
10	Stack Supports (4)		
	All	651,070,02x.x3	SAME
11	Ingress Guard Assembly		
	All	640,071,40x.x3	639,076,00x.x3
12	Mullion		
	All	801,819,57x.x1	801,819,58x.x1
13	Mullion Cap		
	All	801,818,92x.x1	801,818,93x.x1
14	Breaker Strip - Top		
	All	493,020,06x.x3	491,020,17x.x3
15	Breaker Strip - Left		
	All	639,020,05x.x3	SAME
16	Breaker Strip - Right		
	All	639,020,09x.x3	SAME
17	Roller, Main Door		
	All	901,806,20x.x1	SAME
18	Pin, Door Roller 5/32x2-3/8		
	All	800,503,78x.x1	SAME
19	Retainer, Door Roller Pin		
	All	900,900,90x.x1	SAME
20	Lock Housing Assembly		
	All	639,072,50x.x3	SAME
21	Cabinet Assembly		
	Chameleon	652,061,20x.x3	651,061,00x.x3
	All LMV	652,061,10x.x3	651,061,10x.x3
22	Plate, Protective Left Side (Specify Color)		
	Black	649,000,01x.x3	SAME
	Red	651,050,46x.x3	SAME

Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by

CABINET AND VEND MECHANISM (Section 1) - CONTINUED			
ITEM	PART DESCRIPTION	DN504P	DN720P
23	Plate, Protective Right Side Cabinet (Specify Color)		
	Black	649,000,02x.x3	SAME
	Red	649,000,08x.x3	SAME
24	Tank Bottom		
	All	640,060,40x.x3	639,060,40x.x3
CABINET AND VEND MECHANISM - MISCELLANEOUS			
A1	Bolt, Carriage ¼ - 20 x 1 ¼ (3)	800,202,43x.x1	SAME
A2	Bolt, Carriage 5/16 – 18 x 1 ¼ (1)	800,202,54x.x1	SAME
A3	Screw, Tap 1/4-20x1 Hex Type F	800,304,26x.x1	SAME
A4	Nut, Hex Jam 5/16 - 18	800,801,61x.x1	SAME
A5	Leveling Leg, 5/8-11x2 1/16"	800,503,79x.x1	SAME
A6	Side Decals		
	Coca-Cola 2008	803,887,46x.x1	SAME
	Dasani 2003	803,869,78x.x1	SAME
A7	1/4 Drive Rivet (15)	901,100,44x.x1	SAME
A8	Rivet, 1/4" Aluminum (15)	901,100,43x.x1	SAME
A9	Hole Plug, Snap In - 1 1/8 Black	801,819,69x.x1	SAME
A10	Nut,R, HS Square	800,801,62x.x1	SAME
A11	Shipbase,R,34 7/8" Export FLS E Brown (2)	805,411,64x.x1	SAME
A12	Nut,R,Cage Traditional	801,303,85x.x1	SAME
A13	Screw,R,8-32x3/8 Phillip Pan Type 1	800,304,22x.x1	SAME
A14	Screw,R,1/4-20x5/8 Hex Type F SEMS	800,304,36x.x1	SAME
Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by			

CABINET AND VEND MECHANISM
(Section 2)



CABINET AND VEND MECHANISM (Section 2)			
ITEM	PART DESCRIPTION	DN504P	DN720P
1	Stack Assembly		
	All Except Italy	652,070,20x.x3	651,070,20x.x3
	Italy	652,070,50x.x3	NA
2	Assembly Rear Spacer Narrow	639,070,27x.x3	SAME
3	Bracket, Rear Spacer Narrow (2)	801,819,56x.x1	SAME
4	Guide, Channel Rear Spacer (2)	801,819,59x.x1	SAME
5	Latch, Rear Spacer (2)	801,819,61x.x1	SAME
6	Guide Arm Assembly (2)	805,202,57x.x1	SAME
7	Vend Motor - Narrow Column	804,501,63x.x1	SAME
8	Rotor	801,307,87x.x1	SAME
9	Load Bar - Steel	801,306,59x.x1	SAME
10	Push Arm	801,819,55x.x1	SAME
11	Push Arm Spring	801,701,51x.x1	SAME
12	Nyliner .312	801,819,53x.x1	SAME
13	Nyliner .750	801,819,52x.x1	SAME
14	Bushing, Load Bar .312	801,819,54x.x1	SAME
15	Screw, Phil Pan 8-32x1 (3)	800,304,92x.x1	SAME
16	Vend Motor Cover	640,071,70x.x3	639,072,70x.x3
17	Front Gate Extension		
	All	639,070,14x.x3	SAME
18	Air Baffle - KYDEX		
	All Wide	NA	639,070,68x.x3
19	Harness,R,Stack		
	All	000410	000596
CABINET AND VEND MECHANISM (Section 2) - MISCELLANEOUS			
A1	Rivet,R,1/8 Steel Zinc Plate (53)	801,100,81x.x1	SAME
A2	Rivet,R,3/16 Steel Zinc Plate (44)	801,100,79x.x1	SAME
A3	Screw,R,1/4-20x5/8 Hex Type F SEMS (4)	800,304,36x.x1	SAME
A4	Screw,R,8-32x3/8 Phillip Pan Type 1 (2)	800,304,22x.x1	SAME
A5	Label,R,Upper Fill Narrow Column, Upper (2)	803,876,01x.x1	SAME
A6	Label,R,Upper Fill Narrow Column, Lower (2)	803,876,03x.x1	SAME
A7	Tie,R,5.5" Hand	901,901,06x.x1	SAME
A8	Label,R,Vend Motor	803,871,19x.x1	SAME
A9	Kit, ID Number Labels	640,070,55x.x4	639,070,76x.x4
A10	Tie,R, 5.5" Hand	901,901,06x.x1	SAME
Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by			

CHUTE ASSEMBLY

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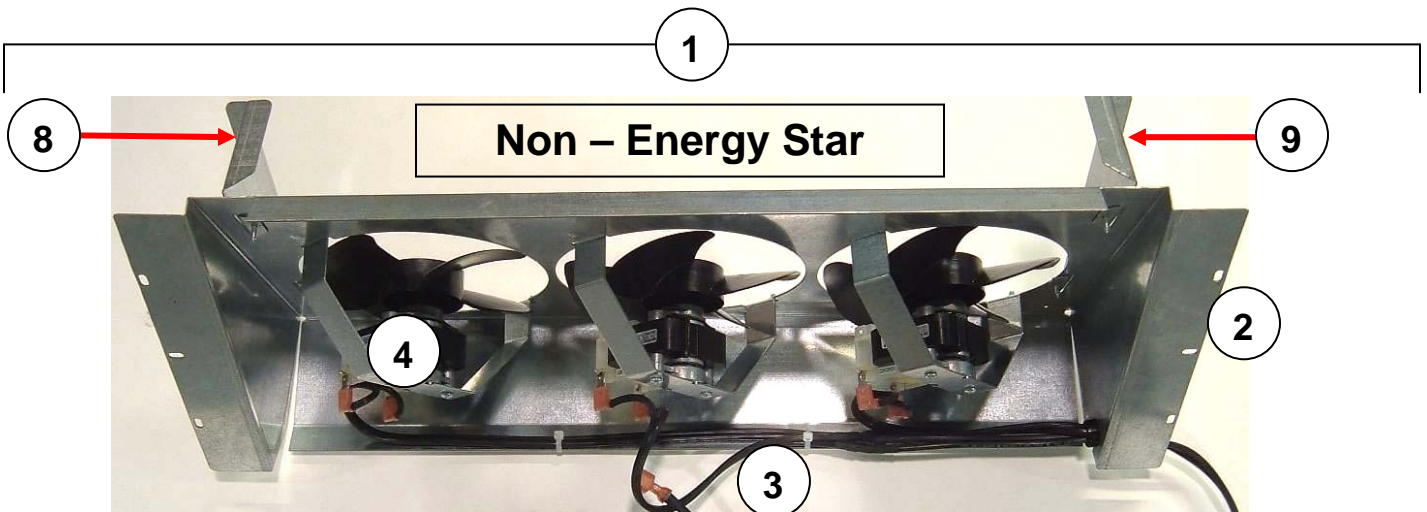
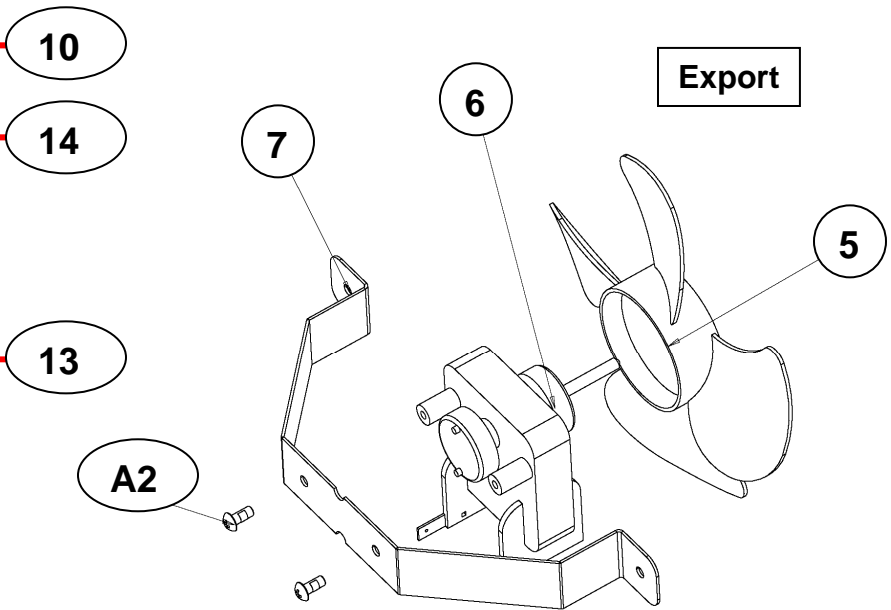
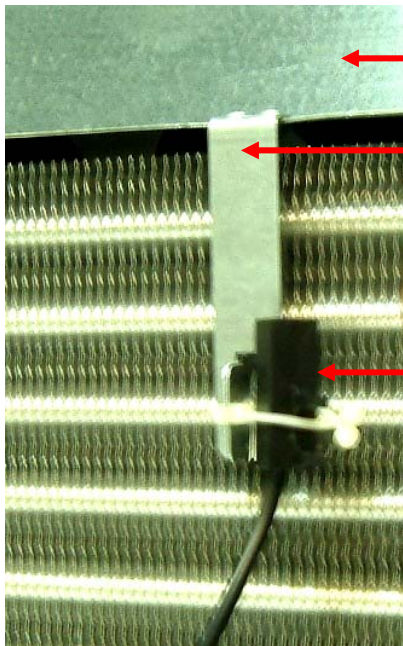
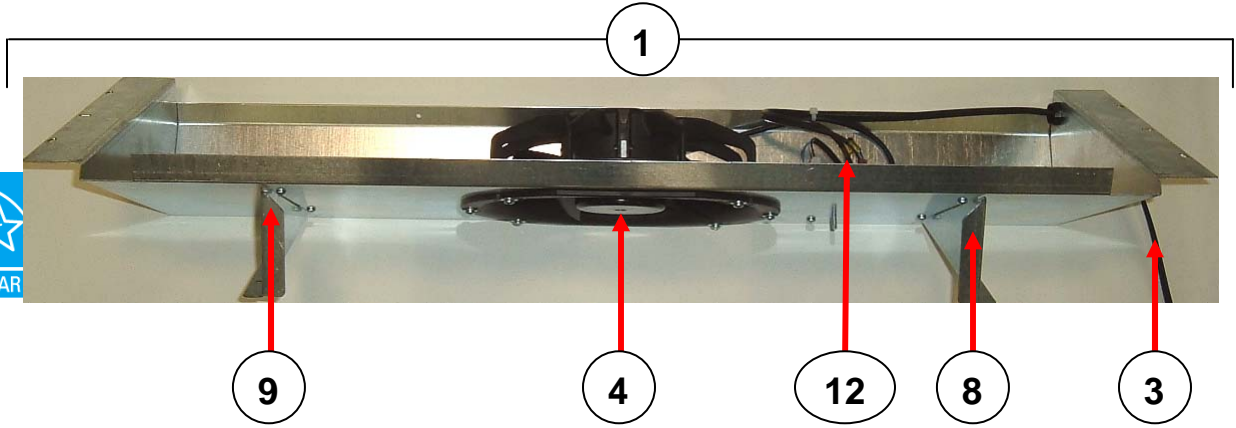
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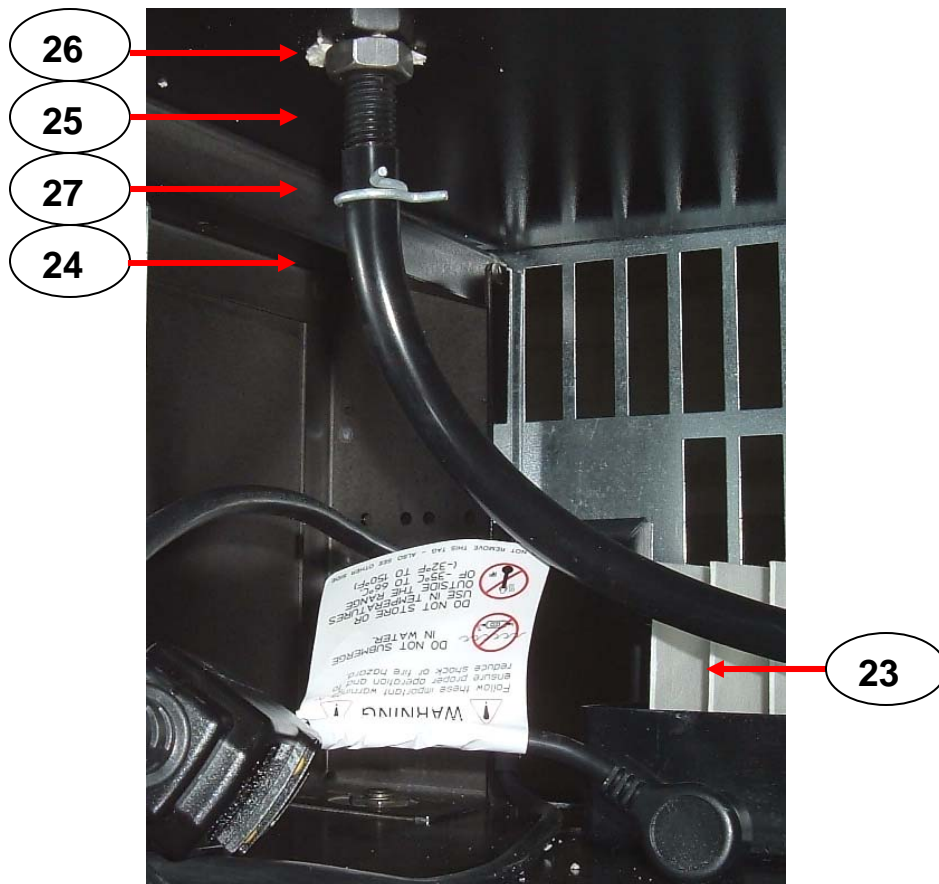
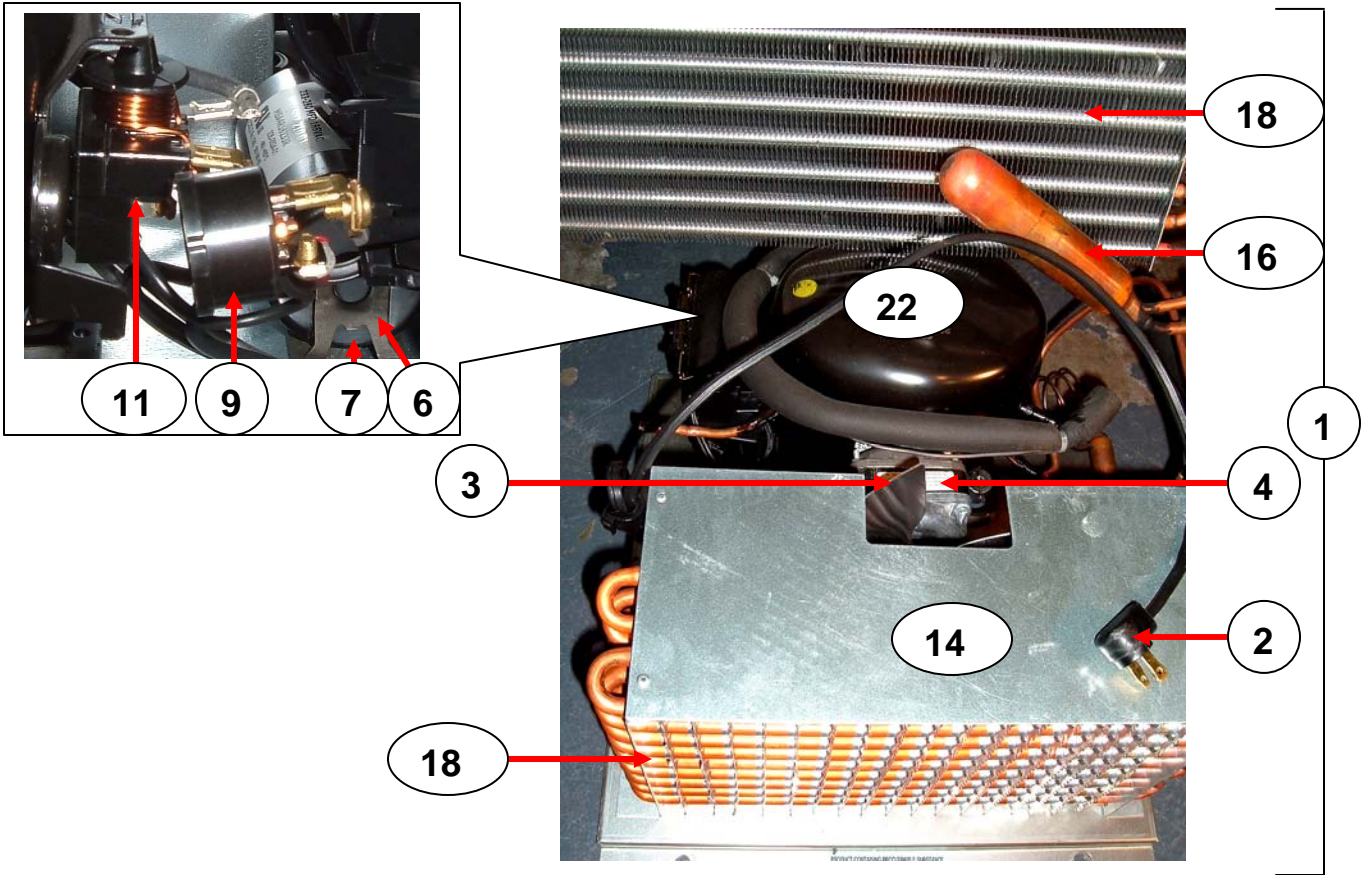
CHUTE ASSEMBLY			
ITEM	PART DESCRIPTION	DN504P	DN720P
1	Chute Assembly		
	Chameleon	640,072,00x.x3	639,072,80x.x3
	All LMV	640,071,10x.x3	639,071,20x.x3
2	Chute		
	Chameleon	640,070,43x.x3	805,702,53x.x1
	Export,LMV	640,070,41x.x3	639,070,52x.x3
	Italy	640,070,43x.x3	NA
3	Liner, Chute		
	Chameleon	801,904,83x.x1	801,904,78x.x1
	Export,LMV	801,904,73x.x1	801,904,71x.x1
	Italy	801,904,83x.x1	NA
4	Vend Sensor Assembly, Service Kit		
	All	639,010,00x.x3	SAME
5	Support, Sensor Plate		
	Chameleon	640,070,36x.x3	639,070,33x.x3
	All LMV	640,070,32x.x3	639,070,37x.x3
6	Vend Sensor Plate		
	Chameleon	640,070,37x.x3	639,070,34x.x3
	All LMV	640,070,33x.x3	639,070,38x.x3
7	Cover, Sensor Housing		
	All	639,070,39x.x3	SAME
8	Housing, Vend Sensor		
	All	639,070,41x.x3	SAME
9	Board, Vend Sensor		
	All	804,925,26x.x1	SAME
10	Jumper, Vend Sensor		
	All	804,922,33x.x1	SAME
11	Lead, Vend Sensor Black		
	All	804,924,37x.x1	SAME
CHUTE ASSEMBLY MISCELLANEOUS			
A1	Standoff (4)	801,904,55x.x1	SAME
A2	Rivet, 1/8" Black (2)	901,100,54x.x1	SAME
A3	Screw, 8-32x¼, Swage Form	800,304,34x.x1	SAME
A4	Rivet,R,1/8" Steel Zinc Plate (9)	801,100,81x.x1	SAME
A5	Screw, 8-32x¼ w/ washer	800,304,23x.x1	SAME
A6	Rivet, 1/8" Steel (9)	801,100,81x.x1	SAME
A7	Screw, 8-32x¼ w/ washer	800,304,23x.x1	SAME
Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by			

EVAPORATOR FAN ASSEMBLY



EVAPORATOR FAN ASSEMBLY			
ITEM	PART DESCRIPTION	DN504P	DN720P
1	Evaporator Fan Shroud Assembly		
	All except Energy Star	640,040,10x.x3	639,040,20x.x3
	Energy Star	640,041,30x.x3	639,041,50x.x3
	Service Kits	646,070,00x.x3	646,040,40x.x3
	220v Export	640,040,80x.x3	639,040,70x.x3
	Italy	640,040,80x.x3	NA
2	Evaporator Fan Shroud		
	All except Energy Star	640,040,20x.x3	639,040,30x.x3
	Energy Star	640,040,13x.x3	639,040,06x.x3
	220v Export	640,040,20x.x3	639,040,30x.x3
	Italy	640,040,20x.x3	NA
3	Harness, Evaporator Fan		
	All except Energy Star	804,921,73x.x1	804,921,73x.x1
	Energy Star	804,926,33x.x1	SAME
	220v Export	804,921,73x.x1	804,921,73x.x1
	Italy	804,921,73x.x1	NA
4	Evaporator Fan Motor Assy.		
	All except Energy Star	640,040,30x.x3	SAME
	Energy Star	804,501,54x.x1	SAME
	220v Export	639,040,60x.x3	SAME
	Italy	639,040,60x.x3	NA
5	Blade,R, Fan 6" 4-Blade Plastic		
	Italy	801,818,88x.x1	NA
6	Motor,R, Evaporator Fan 220/50,60		
	Italy	804,501,72x.x1	NA
7	Bracket, Evaporator Fan		
	Italy	640,040,06x.x3	NA
8	Bracket, Evaporator Fan Panel Left Hand	640,040,08x.x3	SAME
9	Bracket, Evaporator Fan Panel Right Hand	640,040,07x.x3	SAME
10	Cover, Evaporator Top	640,040,09x.x3	SAME
11	Rear Air Stop Assembly	640,040,60x.x3	NA
12	Choke - Energy Star	804,926,92x.x1	SAME
13	Temperature Sensor	804,925,43x.x1	SAME
14	Bracket, Temp Sensor	639,040,04x.x3	SAME
EVAPORATOR FAN ASSEMBLY - MISCELLANEOUS			
A1	Screw, Phil Pan 8 - 18 x 1/2" (4)	800,304,18x.x1	SAME
A2	Screw,R, 8-32x3/8 Phillip Pan Type 1	800,304,22x.x1	SAME
A3	Screw,R,8-18x1/2 Phillip SD SEMS (9)	800,304,23x.x1	SAME
A4	Screw, 10-32x1 1/4" Phil Pan Type F B	800,304,28x.x1	SAME
A5	Screw,R,8-18x1/2 Phillip Pan AB Machine (6)	800,304,31x.x1	SAME
A6	Screw, 1/4-20x5/8 Hex Type F	800,304,36x.x1	SAME
A7	Hex Nut, 11/32" (6)	800,801,54x.x1	SAME
A8	Rivet, 1/8" Steel	801,100,81x.x1	SAME
A9	Clamp, Cable, 3/8" Nylon	900,902,43x.x1	SAME
A10	Tie,R, 5.5 " Hand	901,901,06x.x1	SAME
A11	Bushing, 3/4" split Heyco	901,902,17x.x1	SAME
A12	Tie, 5.5 " Hand	W223	SAME
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REFRIGERATION SYSTEM



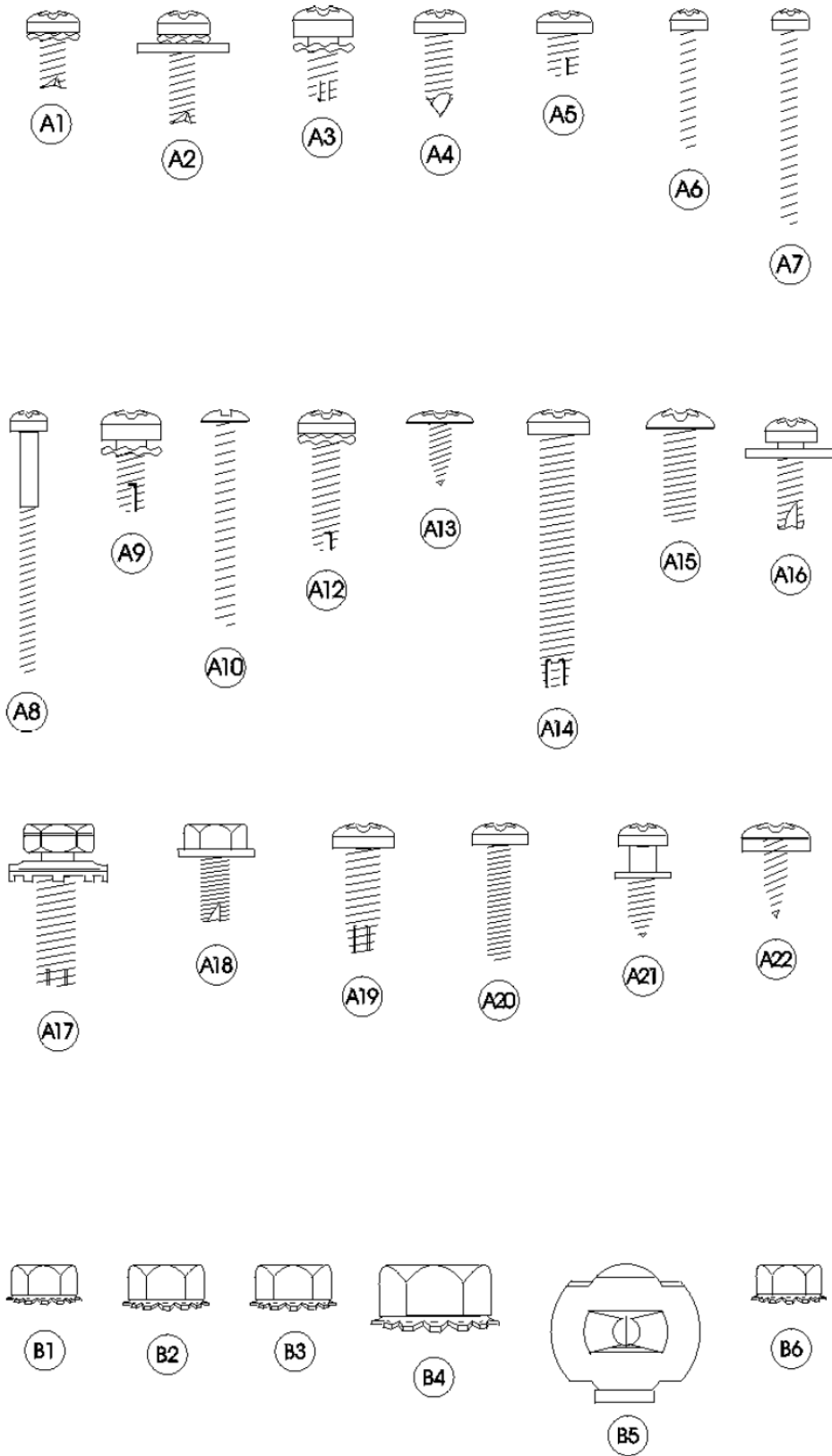
REFRIGERATION SYSTEM			
ITEM	PART DESCRIPTION	DN504P	DN720P
1	A,R,Refrigeration Unit		
	All Except Italy	802,502,49x.x1	SAME
	Italy	629,040,100.04	NA
2	Cord, Power Refrigeration Compressor		
	All Except Italy	802,401,85x.x1	SAME
	Italy	804,925,74x.x1	NA
3	Blade, Fan Condenser		
	All Except Italy - 230mm Aluminum	802,401,84x.x1	SAME
	Italy	801,306,65x.x1	NA
4	Motor, Condenser 9W		
	All Except Italy - 9W 115V/60Hz	802,401,83x.x1	SAME
	Italy - 9W CW Morrill-SPD9HUB2	804,501,37x.x1	NA
5	Bracket, Condensor Fan Motor		
	Italy	639,040,05x.x3	NA
6	Bracket, Capacitor		
	All Except Italy	802,401,82x.x1	SAME
	Italy	802,401,74x.x1	NA
7	Start Capacitor		
	All Except Italy	802,401,81x.x1	SAME
	Italy	802,401,69x.x1	NA
8	Cover, Board, Terminal		
	All Except Italy	802,401,80x.x1	SAME
	Italy	802,401,73x.x1	NA
9	Overload		
	All Except Italy - MRT 22AFZ-5590	802,401,79x.x1	SAME
	Italy - TO741/G9	802,401,72x.x1	NA
10	Bracket, Overload		
	Italy	802,401,71x.x1	NA
11	Assy, Relay		
	All Except Italy	802,401,78x.x1	SAME
	Italy	802,401,70x.x1	NA
12	Terminal, Board		
	All Except Italy	802,401,77x.x1	SAME
	Italy	NA	NA
13	Assembly, Heat Exchanger 3000C-E		
	Italy	640,040,00x.x3	NA
14	Shroud, Condensor		
	Italy	640,040,02x.x3	NA
15	Tube, Discharge		
	Italy	640,040,04x.x3	NA
16	Accumulator,R, 1.375ODx6.000L		
	Italy	802,400,46x.x1	NA
17	Dryer,R, .054 Extended Outlet 134A		
	Italy	802,401,29x.x1	NA
18	Evaporator,R, Coil Short		
	Italy	802,600,37x.x1	NA
19	Condenser,R, 1.33 FPI 9x12.25x4		
	Italy	802,600,69x.x1	NA

Part number and description subject to change with out notice.
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REFRIGERATION SYSTEM - CONTINUED			
ITEM	PART DESCRIPTION	DN504P	DN720P
20	Tube,R, Copper 1/4ODx.028W		
	Italy	803,000,39x.x1	NA
21	Jumper,R, Capillary .054x1/4x2		
	Italy	902,401,14x.x1	NA
22	Compressor, NEK6212Z 220/50 1/3 EMBRC		
	Italy	802,502,85x.x1	NA
23	Drain Pan w/Soakers		
	All	805,800,71x.x1	SAME
24	Hose, Drain		
	All	901,900,50x.x1	SAME
25	Tube, Drain Nylon		
	All	801,806,05x.x1	SAME
26	Nut, Drain Tube		
	All	800,304,27x.x1	SAME
27	Clamp, Drain Hose, HC-12		
	All	800,903,27x.x1	SAME
28	Bracket,Refrigeration Unit		
	All Except Italy	639,040,03x.x3	SAME
REFRIGERATION SYSTEM MISCELLANEOUS			
A1	Wire Tie, Twist, .56-.60 ID	W223	SAME
A2	Screw, 1/4-20x5/8 Type F Sems (2)	800,304,36x.x1	SAME
A3	Screw, 8-18x1/2 Phillips Pan Sems	800,304,23x.x1	SAME
A4	Rivet, 1/8 Steel	801,100,81x.x1	SAME
A5	End Cap, EmBraco #2075200	802,401,62x.x1	SAME
A6	Screw, Capacitor Metric	802,401,75x.x1	SAME
A7	Screw, Grounding	802,401,76x.x1	SAME
A8	Terminal, Arkless	904,601,36x.x1	SAME
A9	Label, Recoverable Substance	903,833,54x.x1	SAME
A10	Silencer, Fan Blade	902,100,29x.x1	SAME
A11	Nut, Speed	900,800,85x.x1	SAME
A12	Bushing,R, 3/4" Split Heyco	901,902,17x.x1	SAME
A13	Grommet,R, Compressor	902,000,57x.x1	SAME
A14	Clip,R,Retainer Compressor (4)	900,901,88x.x1	SAME
A15	Pug,R, Compressor Grommet	901,803,91x.x1	SAME
A16	Screw,R,8-18x1/2 SD Phillips Pan	800,304,18x.x1	SAME
A17	Screw,R,8-32x3/8 Phillip Pan Type 1	800,304,22x.x1	SAME
A18	Nut,R,KEPS 1/4-20	800,801,57x.x1	SAME
A19	Clamp,R,P Cable,Nylon, 3/8 ID	900,902,43x.x1	SAME
Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by			

MISC. LABELS			
ITEM	PART DESCRIPTION	504	720
A1	Kit, Override Switch	626,020,44x.x4	SAME
A2	Kit, ID Number Labels	640,070,55x.x4	SAME
A3	Label, Precaution Access Door	803,833,04x.x1	SAME
A4	Label,R,SIID Precaution	803,833,04x.x1	SAME
A5	Label, Coin Return Tie	803,846,24x.x1	SAME
A6	Label,R,Caution and Fuse S3D	803,857,06x.x1	SAME
A7	Label,R, Select Switch	803,857,56x.x1	SAME
A8	Label,R,Domestic Bill Validator Mounting	803,858,11x.x1	SAME
A9	Label,R, AC Box Power Dist German	803,858,69x.x1	SAME
A10	Label,R,Main Power	803,860,85x.x1	SAME
A11	Label,R,1.6A Fuse	803,868,03x.x1	SAME
A12	Label,R, Refrigeration Outlet	803,868,04x.x1	SAME
A13	Label, Warning Do Not Tilt (Not Shown)	803,868,29x.x1	SAME
A14	Label, Flourescent Lamp	803,870,05x.x1	NA
A15	Label,R,Vend Motor	803,871,19x.x1	SAME
A16	Label,R,Upper Fill Narrow Column, Upper (2)	803,876,01x.x1	SAME
A17	Label,R,Upper Fill Narrow Column, Lower (2)	803,876,03x.x1	SAME
A18	Label,R, Fuse 1.0A	803,876,83x.x1	SAME
A19	Label,R,Main Power Inlet	803,876,84x.x1	SAME
A20	Label,Lamp,5'58W Replacement Spanish	803,876,89x.x1	SAME
A21	Label,R,On/Off Rocker Switch	803,879,72x.x1	SAME
A22	Label,R,Warning GFCI	803,885,18x.x1	SAME
A23	Label,R,Notice GFCI Equipped Machine	803,885,42x.x1	SAME
A24	Label, Money Removed Daily (Not Shown)	903,805,70x.x1	SAME
A25	Label,R,Warning High Voltage	903,825,86x.x1	SAME
A26	Label,R, Ground	903,826,61x.x1	SAME
A27	Label, Recoverable Substance	903,833,54x.x1	SAME
A28	Label, Coin Mech SII	903,901,30x.x1	SAME
A29	Kit,CC Pricing Labels		
	Chameleon	491,743,00x.x4	SAME
	LMV	491,745,60x.x4	SAME
Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by			

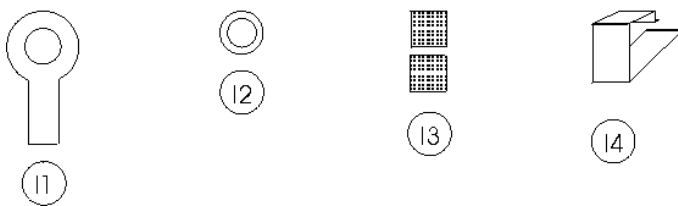
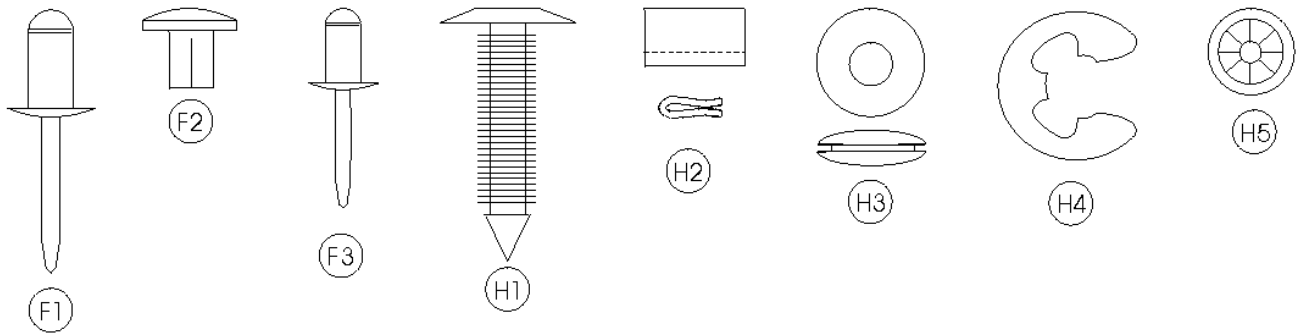
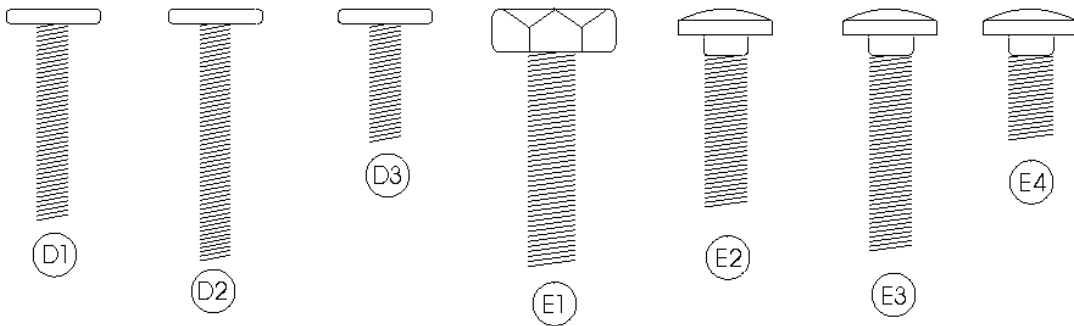
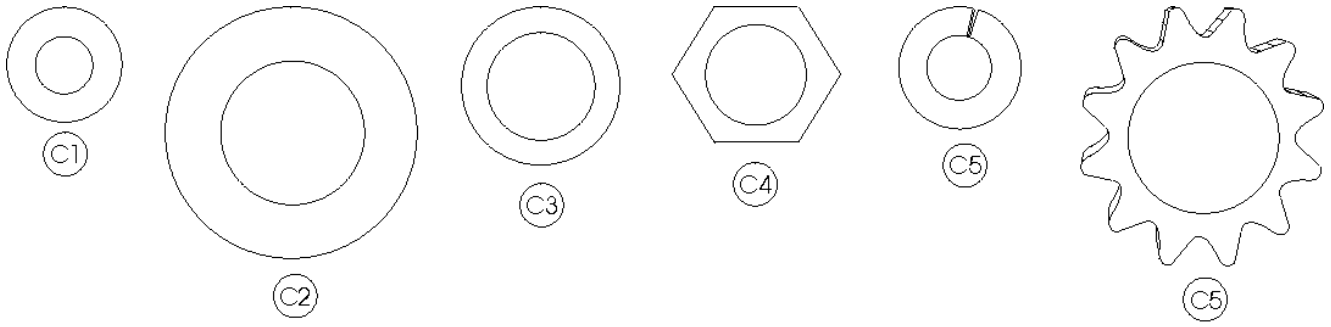
SCREWS & NUTS



SCREWS & NUTS

ITEM	PART NUMBER	PART NAME AND DESCRIPTION
A1	800,304,25x.x1	Screw,R, Phil Pan Swage Form #6 - 32 x 3/8"
A2	800,304,39x.x1	Screw,R, Phil Pan Swage Form w/washer #8 - 32 x 1/2"
A3	800,304,29x.x1	Screw,R, Phil Pan Swage Form #10 - 32 x 5/16"
A4	800,304,18x.x1	Screw,R, Phil Pan w/out washer, #8 - 18 x 1/2"
A5	800,304,34x.x1	Screw,R, Phil Pan Swage Form #8 - 32 x 1/4"
A6	800,304,50x.x1	Screw,R, Vend Motor, #4-24 x 3/4" Single Switch (NOT USED)
A7	900,301,82x.x1	Screw,R, Vend Motor, #4-24 x 1 1/16" Double Switch (NOT USED)
A8	800,305,18x.x1	Screw,R, Vend Motor, #4-24 x 1 1/2" Triple Switch (NOT USED)
A9	800,304,22x.x1	Screw,R, Phil Pan Cutting #8 - 32 x 3/8"
A10	800,202,64x.x1	Screw,R, Machine, #6 - 32 x 1 1/4"
A11	800,304,34x.x1	Screw,R, Phil Pan Sems #8 - 32 x 1/4"
A12	800,304,32x.x1	Screw,R, Phil Thread Form #8 - 32 x 5/8"
A13	900,300,16x.x1	Screw,R, Phil Head Truss #6 x 3/8"
A14	800,304,28x.x1	Screw,R, Phil Pan Form #10 - 32 x 1 1/4"
A15	800,202,52x.x1	Screw,R, Machine Truss, #10 - 32 x 1/2"
A16	800,304,23x.x1	Screw,R, Phil Pan Sems with washer, #8 - 18 x 1/2"
A17	800,304,36x.x1	Screw,R, Self Tapping, 1/4 - 20 x 5/8"
A18	800,304,24x.x1	Screw,R, Hex Head Swage Form #8 - 36 x 3/8"
A19	800,304,41x.x1	Screw,R, Phil Pan Tapping #10 - 32 x 5/8"
A20	900,201,22x.x1	Screw,R, Machine Phil Pan #8 - 32 x 3/4" (obsolete)
A21	800,305,06x.x1	Screw,R, Phil Pan Shoulder #8 - 18 x 1/2"
A22	800,304,31x.x1	Screw,R, Phil Pan #8-18x1/2"
A23	900,500,26x.x1	Shoulder Screw 1/2" Long,R
A24	900,201,13x.x1	Screw,R, Hex Head
A25	800,304,26x.x1	Screw,R, Tap 1/4-20x1" Type F
A26	800,304,76x.x1	Screw,R, Phil Pan #8-18x3/4"
A27	800,304,07x.x1	Screw,R, Truss Type 23 #8-32x1/2
A28	800,304,33x.x1	Screw,R, Phil Flat 23B #10-32x1/2"
A29	800,202,44x.x1	Screw,R, Machine Brass #6-32x1/4"
A30	800,304,35x.x1	Screw,R, Plastic 8-hi/low x 1 1/4
A31	800,304,21x.x1	Screw,R, Phil Pan Swage Form #8-32x1/2"
A32	800,304,38x.x1	Screw,R, Hex Washer Type 1 #8-32x3/8"
A34	800,304,77x.x1	Screw,R, Phil Pan #6-20x3/8
A35	900,304,37x.x1	Screw,R, Self Tapping, #8-18x3/4
A36	800,202,48x.x1	Screw,R, Phil Pan Head #6-32x1/4"
B1	800,801,56x.x1	Hex Nut,R, #10 - 32
B2	800,801,57x.x1	Hex Nut,R, 1/4 - 20
B3	800,801,54x.x1	Hex Nut,R, #8 - 32
B4	800,801,83x.x1	Hex Nut,R, Top Door Hinge, 3/8 - 16
B5	900,800,85x.x1	Speed Nut, R
B6	800,801,82x.x1	Hex Nut,R, #6 - 32
B7	800,801,55x.x1	Elastic Stop Nut,R, #8 - 32
B8	800,801,84x.x1	Hex Nut 8-32, R
B9	800,903,50x.x1	Push Nut,R, Acorn Type
B10	800,801,84x.x1	Hex Nut 5/16-18, R
B11	800,801,84x.x1	Hex Nut,R, Flange with Serrations 8-32
Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by		

WASHERS, BOLTS, & MISC. HARDWARE



WASHERS, BOLTS, & MISC. HARDWARE

ITEM	PART NUMBER	PART NAME AND DESCRIPTION
C1	900,701,22x.x1	Washer,R, Delrin .047 Thick 3/8"IDx5/8"OD
C2	800,701,73x.x1	Washer,R, Door Hinge
C3	800,701,72x.x1	Washer,R, Flat #2949 (T-Handle)
C4	901,503,08x.x1	Washer,R, Hex #29-34 (T-Handle)
C5	800,701,43x.x1	Lockwasher,R, Split 3/8"
C6	900,700,89x.x1	Lockwasher,R, Shakeproof 5/8" (1132-00-00-0551) (obsolete)
C7	800,701,74x.x1	Steel Washer,R, 18 Gauge (1/2"x3/16")
C8	900,700,62x.x1	Washer,R, Shakeproof (4610-16-01-0551)
C10	800,701,44x.x1	Washer,R, Flat 18 Gauge (17/64"IDx5/8"OD)
C11	800,701,67x.x1	Washer,R, Flat 14 Gauge (5/16"-3/8"x7/8")
C12	801,902,48x.x1	Nylon Spacer, R
	800,701,76x.x1	Washer Flat, R (.343"ID x .688" OD .6T)
D1	800,400,69x.x1	T-Bolt,R, #8 - 32 x 1.94"
D2	800,400,68x.x1	T-Bolt,R, #8 - 32 x 1 3/8"
D3	800,400,61x.x1	T-Bolt,R, #8 - 32 x 3/4"
D4	800,400,62x.x1	T-Bolt,R, #8 - 32 x 1/2"
E1	800,400,59x.x1	Refrigeration Bolt,R, 3/8 - 16 x 1 1/4"
E2	800,202,42x.x1	Carriage Bolt,R, 1/4 - 20 x 1"
E3	800,202,43x.x1	Carriage Bolt,R, 1/4 - 20 x 1 1/4"
E4	800,202,45x.x1	Carriage Bolt,R, 1/4 - 20 x 1/2"
E5	800,202,46x.x1	Carriage Bolt,R, 1/4 - 20 x 3/8"
E6	800,202,47x.x1	Carriage Bolt,R, 1/4 - 20 x 3/4"
E7	900,303,12x.x1	Carriage Bolt,R, 1/4-20x5/8" (obsolete)
E8	800,202,54x.x1	Carriage Bolt,R, 5/16x18x1 1/4" Top Hinge (drop in)
E9	800,304,08x.x1	Carriage Bolt,R, 1/4-20x5/8"
E10	800,202,69x.x1	Carriage Bolt,R, 1/4-20x1/2" (red)
F1	901,100,43x.x1	Pop Rivet,R, Aluminum 1/4"
F2	901,100,44x.x1	Drive Rivet,R, #38-108-06-13 1/4" dia.
F4	901,100,54x.x1	Pop Rivet,R, Black 1/8"
F5	801,100,81x.x1	Pop Rivet,R, Steel (Zinc Plated) 1/8"
F6	901,100,53x.x1	Pop Rivet,R, Aluminum 1/8"
F7	801,100,79x.x1	Pop Rivet,R, Steel (Zinc Plated) 3/16"
H1	900,902,13x.x1	Christmas Tree Clip,R, #354280307-00 (NOT USED)
H2	800,903,49x.x1	Tinnerman Clip,R, Fan Shroud (C5207-014-3B)
H3	900,401,09x.x1	Grommet,R, Bk. Rubber #97
H4	901,503,07x.x1	E-Ring #31-30, R
H5	900,900,90x.x1	Retainer,R, Roller Pin
H6	900,902,18x.x1	Tinnerman Clip, R
H7	801,807,01x.x1	Hole Plug,R, Snap in - 1 1/4"
H8	901,806,77x.x1	Grommet,R, Admiral 5/16" #B53351
H9	902,100,29x.x1	Silencer, R
I1	804,601,45x.x1	#6 Terminal Ring Crimp,R, 16-14 AWG
I2	801,902,48x.x1	Nylon Spacer used on Coke D/O Boards, R
I3	801,809,12x.x1	Velcro Blocks, R
I4	801,807,49x.x1	Vender Defender Clip
I5	901,901,89x.x1	Clamp,R, Cable 1" Heyco 3390
I6	800,902,51x.x1	Clamp,R, Nylon 5/16" White Heyco 3555 or Dennison 10159
I7	900,901,80x.x1	Clamp,R, Nylon 1/2" Heyco 3328
Part number and description subject to change with out notice. NA = Not applicable TBD = To be determined RB = Replaced by		

