Technical Manual

Dr. Pepper SL5 E Model Vender

For DPSL5 E Model Venders Produced Beginning Production Run 6907CB

Manufactured by

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APPLICATION

This manual applies to Dr. Pepper SL5 Venders, beginning with production run 6907CB.

VENDER SAFETY PRECAUTIONS

Please read this manual in its entirety. This service information is intended to be used 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 UNQUALIFIED 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 DPSL5 was 6907CB.

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 xxxx-yyyyzz. The last 4 digits (yyyy) identify the specific vender. The first 4 digits (xxxx) identify the manufacturing run that the vender was built in. The last 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:

Y = 2000
Z = 2001
A = 2002
B = 2003
C = 2004
D = 2005

PHYSICAL CHARACTERISTICS

	501E
HEIGHT	**72.5”**
WIDTH	**37.5”**
DEPTH	**36.0”**
DEPTH WITH VALIDATOR	**36.0”**
SHIPPING WEIGHT	**833 lbs.**

The Dixie-Narco Dr. Pepper SL5 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.

ELECTRIC POWER NEEDED

Refer to the cabinet serial number plate to determine the proper voltage and frequency the machine requires (domestically this requirement is 115 Volts, 60 Hertz). The cabinet serial plate also indicates the Ampere rating of the vender. Single phase, alternating current is required. The vender must be plugged into a properly rated circuit with its own circuit protection (fuse/circuit breaker).
DO NOT USE AN EXTENSION CORD.

GROUND THE VENDER

The vender is equipped with a three-wire power supply cord and MUST be plugged in a properly grounded outlet.

DO NOT REMOVE THE GROUND PIN OR IN ANY WAY BYPASS THE GROUND OF THE VENDER.

If the outlet will not accept the power cord plug, contact an electrician to install a proper AC outlet.

FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY SUBJECT THE 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. 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.

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 mm) 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.

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 NBM-3120, NBU-2111-12
- Ardac 5500 Series

The vender will support the following MDB card readers:

Debitek	Fage
VMC LTD	AT&T
Danyl Schlumberger	
Diebold	

LOADING CHANGE TUBES

Open the main door and enter the "Fill Coin Mech" mode in the "CASH SETTINGS" sub-menu 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 value of coins 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 Dr. Pepper SL5 Vender is designed to vend a wide range of cans, glass, and plastic beverage containers in sizes from 12 oz. to 24 oz.

All Dr. Pepper SL5 Venders are shipped ready to vend 20 oz. PET bottles. To vend an alternative package in the Vender, contact a Dixie-Narco Factory Service Representative or refer to the proper Technical Bulletin for shimming and set-up information.

INITIAL LOADING

To ensure proper loading, the wide column oscillator must be in the extreme left or right position. When loading the wide column, the first row of bottles should be loaded on the bottom bar of the oscillator. The second row of bottles must be loaded on the top bar of the oscillator. Always load complete rows; do not load only to the back or only to the front of the column.

The narrow column rotors must be in the "cup" position to receive the first row of bottles. When loading the narrow columns, lay the rows of bottles in the column until the column is full.

DO NOT fill the columns to the top of the cabinet. Because the bottle stack will move up and down in the column during the vend cycle, allow about 2 inches at the top of the column. Correct loading will prevent service calls and ensure proper vending.

After loading the vender for the first time, ensure the vender is loaded and working properly by test vending each selection with money until the first bottle is delivered.

NOTE: To ensure proper airflow through the evaporator, DO NOT place bottles (or other foreign) objects in the bottom of the tank.

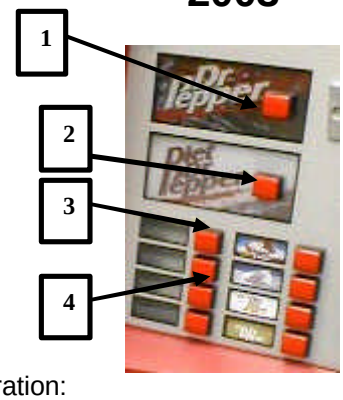
SERVICE NOTE

Battery Backup
The SBC (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 SBC Controller on the main door. Remove the battery from its holder (B1).

SBC E-MODEL
PROGRAMMING METHOD
2003



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

NORMAL MODE:
In Normal Mode, on power up display will show software installed in vender, then change to Ice Cold Drink message, Sold Out, Credit Value, or decimal point. If decimal is flashing, this indicates an error or problem recognized in the vender. When money is inserted, the display indicates the total amount of the deposit. The select buttons are used to select the product. In normal mode you may access an external menu for reading historical sales total, product total, product total by selection, and sales by price totals.

SERVICE MODE:
The Service Mode is entered when the vender inner door is open and the service switch is pressed. The display will show a list of error codes for errors that have occurred since the door was last opened. **"JC-#"** is a vend mechanism jammed, **"SS-#"** is a select switch problem, **"RFRG"** is a refrigeration or temp sensor problem, and **"DS"** is a door switch open problem. To acknowledge an error, press any select button, at this time you will enter the menu. The display will show **"HD" -** Historical Data - at this time. Some of the menu items have sub-menus. To move through the menus and sub-menus follow these instructions. To:

MOVE THROUGH MENU:	Press select buttons 1 & 2 simultaneously to scroll down through the menu. While scrolling down through menu, release, press select buttons 1 & 2 simultaneously to scroll up through menu.
ENTER SUB-MENU:	Press and hold select button 1 to enter a sub-menu.
EXIT SUB-MENU:	With **"RTN"** - Return" on display, press and hold select button 1 to exit a sub-menu.
EXIT SERVICE MODE:	Closing the inner door or a five-minute inactivity time-out will exit the service mode.

FRONT PANEL PROGRAMMING
SERVICE MENU

HD - Historical Data
This function shows the user the vender accounting over the life of the vender. Use the following select buttons to view the total sales in dollars, total number of vends and the total number of vends for each selection.

Press Select Button 1: Shows the historical total cash sales for the life of the vender.
Press Select Button 2: Shows the historical total number of vends.
Press Select Button 3: Shows the historical number of vends by selection. Each selection automatically scrolls across the display.
Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

RD - Interval Data

This function shows the user the vender accounting data since the time of the last counter reset. This data can be reset either from this menu or by a DEX interrogation.

Press Select Button 1: Shows the total cash collected since the last counter reset.
Press Select Button 2: Shows the total number of vends since the last counter reset.
Press Select Button 3: Shows the total number of vends by selection since the last counter reset. Each selection automatically scrolls across the display.
Press Select Button 4: This button zeros the resettable data described above. Hold select button "4" for 5 seconds and "C RS" - COUNTERS RESET will be displayed. At this time, all resettable data will return to "0".

Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

SP - Set Price

This function is used to set the price of each selection. When a select button is pressed, the price for that selection will be displayed. If the button is held in, the price will increment or decrement. To change from increment to decrement, release the select button and press it again. To set all selections for the same price: set desired vend price on select button #1, then simultaneously press and hold select buttons 3 & 4 for five seconds, the display will show “SPS” - Single Price Set, this will change the vend price of all selections, both primary and secondary, to the price programmed to select button #1.
Note: The SBC's multi-pricing capability allows you to set all selections to any price in the range of $0.00 to $99.95.

Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

C-S - Cash Settings

CF - Fill Coin Mech:

This function is used to count coins loaded in the top (separator) of the coin mech. Press select button 1 will enter “CF” - Fill Coin Mech. Insert coins in the top (separator) of the coin mech. The total value of the coins will be displayed and will be counted in the DEX audit data, so the SBC controller knows exactly how much change is in the coin mech.

Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

C-D - Dump Coin Mech:

This function is used to dump coins from the coin mechanism while in "CD” - Dump Coin Mech mode.
Press select button 1 to enter mode and the lowest coin value dispensable will show on the display. Press and hold select buttons 1 & 2 simultaneously to scroll through the different coin values available to dump coins. Press and hold select button 1 to dump the coins whose value is shown on the display. Press and hold select buttons 1 & 2 simultaneously until “RTN” shows on the display. Press select button 1 will return to “CD”.

CR - Coin Rules:

This function is used to allow the exact change condition to be turned on or off. When turned off, the controller will not go in the exact change condition. This will allow bills or coins to be accepted regardless of the tube level status of the coin mech. When turned on, the controller will set the exact change condition based on the ability to pay back non-refundable currency. Coins, paper). To show current condition press select button 1. Press and hold select button 1 to toggle “CR” on and off.

ESC - Escrow:

This function supports 4 (four) escrow options. Press select button 1 will enter mode and show current escrow setting. Press and hold select button 1 will scroll through available Escrow options and set the escrow mode to the setting displayed when select button 1 is released.

PR – Escrow to Price

The escrow condition is forced vend option 1("escrow to price"). All dollar bills will be stacked. No cancel sale is allowed once minimum vend price is met or exceeded.

EP 2 – Escrow No Cancel

The escrow condition is forced vend option 2 ("escrow no cancel") with all bills stacked, and no cancel sale allowed unless the vender is in exact change and the maximum vend price is exceeded. Note: Any money entered below the vend price cannot be returned

ES 4 – Escrow to Select 4
The escrow condition is "escrow to select" with all dollar bills being stacked. Cancel sale will return the deposit from the coin changer (i.e. 4 quarters).

ES 1 – Escrow to Select 1
The escrow condition is "escrow to select dollar bills" with the last dollar bill that meets or exceeds maximum vend price being escrowed in the validator. Cancel sale will return the held dollar bill and any amount over $1 will be returned from the coin changer.

Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

MV – Multi Vend:
This function, when turned on, allows credit to be retained after a vend so the customer can vend from another selection. (i.e. .50¢ vend price, put in $1.00, push a select button and vends, 50¢ still shows on display, push a second selection button and vends). Credit is cancelled after 5 minutes of inactivity. There is unlimited acceptance. If a customer wants their credit (money) back, the coin return lever must be pressed. To show current "MV" condition, press select button 1 and the display will show the current setting. Press and hold Select Button 1 to toggle "MV" from on and off.

Press and hold Select Buttons 1 and 2 simultaneously to move to the next item on the menu.

RTN - Return:
This function is used to return to "C-S" – Cash Settings.

Press and hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

USER - User Menu
This function is used to configure the vender to operate in the fashion best suited for the vender location. To move to "DIAG" - Diagnostics, press & hold select buttons 1 & 2 simultaneously, to enter the USER sub-menus press select button 1. The following are sub-menus of the User Menu: "STS" - Space To Sales, "Time", "LANG" - Language, "ECNT" - Electronic Counter, "LIM" - Limited Access, "SEC" - Secondary Price, "ECTL" – Environmental Controls, "LT" - Light, "RFRG" - Refrigeration, "FREE" - Free Vend, "OVER" - Override, "SSM" - Sales Message, "R-CH" - Recharge, and "RTN" - Return.

STS - Space To Sales
To view the space to sales condition, press select button 1 and display will show "SEL 1" – Selection 1 alternating with columns assigned to that select button. Press select buttons 1 & 2 simultaneously to scroll through the available select buttons to view columns assigned and "Return".

To change space to sales:
Press select button 1 at the, "SEL #" prompt and "CL## #" (column edit routine) will be displayed, where the ## is the first column to be added or deleted to the select button and the third # is "0" for not assigned or "1" for assigned to that selection. Press select button 1 with the "CL## #" on the display to toggle between "CL## 0" and "CL## 1". With the setting you wish to use showing on the display press select buttons 1 & 2 to scroll to next selection to add/delete columns or "RTN". Press select button 1 at the "RTN" prompt will return to "STS".
Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

Time
This function is used to set the year, month, day, hour/minute (military 24 hour clock), and daylight savings time. Press select button 1 and "YEAR" will show on display. Press select buttons 1 and 2 simultaneously to scroll through all "Time" sub-menus.

"**YEAR**" - Year Setting (00 to 99)
Press select button 1 the current year setting will show on display.
Press and hold select button 1 to increment the year setting (2000 to 2099). Release select button 1 and press and hold again will decrement the year setting.
Release the select button with the display showing the year you wish to use and display will return to "Year".

Press select buttons 1 & 2 simultaneously to scroll to "Month".

"**MTH**" - Month Setting (01 to 12)
Press select button 1 and the current 2-digit month setting will show on display.
Press and hold select button 1 to scroll through the month settings. (01–Jan. to 12–Dec.).
Release the select button with the display showing the month you wish to use and display will return to "Month".
Press select buttons 1 & 2 simultaneously to scroll to "Day".

"**DAY**" - Day of Month Setting (1 to 31)
Press select button 1 and the current 2-digit day of month setting will show on display.
Press and hold select button 1 to scroll through the day of month settings (1 to 31). Release select button 1 and press and hold again will decrement the day of month setting.
Release the select button with the display showing the day of month setting you wish to use and display will return to "Day".
Press select buttons 1 & 2 simultaneously to scroll to "Hour/Minute".

"**HR/M**" - Hour and Minute Setting (0000 to 2359)
Press select button 1 and the current 4-digit hour and minute setting will be displayed (24 hour).
Press and hold select button 1: Set Hours
Press and hold select button 2: Set Minutes
Press select buttons 1 & 2 simultaneously to scroll to "Daylight Savings Time".

"**DST**" - Daylight Saving Time Setting
Press select button 1 and the current setting will show on the display.
Press and hold select button 1 to scroll through the "Daylight Savings Time" options listed:

> "**AMER**" - 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.
>
> "**EURO**" - 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.
>
> "**AUST**" - 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.
>
> "**OFF**"- Off Rules - Daylight savings time changes will not be made.

Release the select button with the display showing the “Daylight Savings Time” setting you wish to use and display will return to "Daylight Savings Time".

Press & hold select buttons 1 & 2 simultaneously to move to “Return”.

Press select button 1 to move to “Time”.

LANG - Language
This function is used to set the language that will be used for display messages. To display the current language selected, press select button 1. To change the language selected, press & hold select button 1 to scroll through the language menu. Once the desired language is shown on the display, release the button. The display will then return to "Language".

ENGL	English	SPN	Spanish
FRN	French	SLOV	Slovene
GERM	German	FINN	Finnish
ITA	Italian	NOR	Norwegian
PORT	Portuguese		

Press and hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

ECNT - Electronic Counter

This function is used to show historical cash sales, historical total vends, historical product counts by selection, and historical product counts that have occurred for prices being used from outside the vender. Press select button 1 to view the current four (4) button code. To view the data the four button code must be entered. Once entered the listed menus are available from the front of the vender;

Press select button 1: Show historical cash sales.
Press select button 2: Show historical total vends.
Press select button 3: Show historical product counts by selection.
Press select button 4: Show list of prices and historical product counts that have occurred for those prices.
Press select button 5: Returns to sales idle mode (normal vender operation).

To change "ECNT" four button code:
At "ECNT" press select button 1, "####" (representing current four button code) will show on display. Press and hold select button 1 until the far left digit starts blinking indicating it can be changed. Press the select button which is desired for the code. The next digit will start blinking, press the select button which is desired for the code. Continue this process until all 4 digits are set. Note: The four-button code must use select buttons 1 through 9 only.

Note: There is a thirty (30) second time-out that will return the vender to normal vending mode.

Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

LIM - Limited Access

This function is used to program the vender to use the Limited Access Features. To move to Secondary Price Menu, press & hold select buttons 1 & 2 simultaneously, to enter the sub-menu press select button 1. The following are sub-menus of Limited Access Menu: "LAOS" - Selects, "Days", "STR1" - Start 1, "STP1" - Stop 1, "STR2" - Start 2, "STP2" - Stop 2, and "RTN".

LAOS - Selects

This function is used to set selection(s), which, will be limited during certain periods of the day. To view the selection setting condition, press select button 1. The display will show "SEL 1 - # where # is a "0" or "1" depending on whether the selection is enabled (1) or disabled (0). Press and hold select button 1 to toggle between "0" & "1. Press select buttons 1 & 2 simultaneously to scroll through all available select buttons, "NONE", "ALL", and "RTN". Pressing select button 1 when "ALL" or "NONE" are displayed will cause the display to flash momentarily. Press select button 1 at the "RTN" prompt returns to "LAOS".

Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

Days

This function is used to set the days of the week to be affected by limited access.
Display will show:

Day of Week:	SUN - Sunday	WED - Wednesday	SAT – Saturday
	MON - Monday	THUR - Thursday	ALL - All Days
	TUE - Tuesday	FRI – Friday	NONE – No Days
	RTN - Return		

Press select button 1 and "MON #" will show on the display, where # is "0" (disable) or "1" (enable). Press and hold select button 1 to toggle between "0" and "1". Release the select button with the display showing the setting you wish to use. Press select buttons 1 & 2 simultaneously to scroll through all available days, "ALL", "NONE", and "RTN". Press select button 1 at the "Return" prompt returns to "Days".

Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

STR1 - Start 1

This function is used to set the hours and minutes to start period 1 limited access.

Press select button 1 and the current four digit hour and minute setting will be displayed (24 hour).
Press and hold select button 1 to Set Hours.
Press and hold select button 2 to Set Minutes.

Press and hold select buttons 1 & 2 to simultaneously to move to the next item on the menu.

STP1 - Stop 1
This function is used to set the hours and minutes to stop period 1 limited access.
Press select button 1 and the current four digit hour and minute setting will be displayed (24 hour).
Press and hold select button 1 to Set Hours.
Press and hold select button 2 to Set Minutes.

Press and hold select buttons 1 & 2 to simultaneously to move to the next item on the menu.

STR2 - Start 2
This function is used to set the hours and minutes to start period 2 limited access.
Press select button 1 and the current four digit hour and minute setting will be displayed (24 hour).
Press and hold select button 1 to Set Hours.
Press and hold select button 2 to Set Minutes.

Press and hold select buttons 1 & 2 to simultaneously to move to the next item on the menu.

STP2 - Stop 2
This function is used to set the hours and minutes to stop period 2 limited access.
Press select button 1 and the current four digit hour and minute setting will be displayed (24 hour).
Press and hold select button 1 to Set Hours.
Press and hold select button 2 to Set Minutes.

Press and hold select buttons 1 & 2 to simultaneously to move to the next item on the menu.

RTN - Return
Press select button 1 to return to “LAOS”.

Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

SEC - Secondary Price
This function is used to program a second price for each selection. To enter the sub-menu press select button 1. The following are sub-menus of Secondary Price Menu: "S-P2", "Days", "STRT", “STOP”, and "RTN". Press select button 1 at “Return” to return to "SEC".

S-P2 - Price
This function is used to set the price of each selection. When a select button is pressed, the price for that selection will be displayed. If the button is held in, the price will increment or decrement. To change from increment to decrement, release the select button and press it again. Note: The SBC multi-pricing capability allows you to set all selections to any price in the range of $0.00 to $99.95.

Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

DAYS - Days
This function is used to set the days of the week to be affected by secondary pricing.

Day of Week:	SUN - Sunday	WED - Wednesday	SAT – Saturday
	MON - Monday	THUR - Thursday	ALL - All Days
	TUE - Tuesday	FRI – Friday	NONE – No Days
	RTN - Return		

Press select button 1 and "MON #" will show on the display, where # is “0” (disable) or “1” (enable). Press and hold select button 1 to toggle between “0” and “1”. Release the select button with the display showing the setting you wish to use. Press select buttons 1 & 2 simultaneously to scroll through available days, “ALL”, “NONE”, and “RTN”. Press select button 1 at the “RTN” prompt returns to “DAYS”.

Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

STRT - Start
This function is used to set the hours and minutes to start secondary pricing.
Press select button 1 and the current four digit hour and minute setting will be displayed (24 hour).
Press and hold select button 1 to Set Hours.
Press and hold select button 2 to Set Minutes.

Press and hold select buttons 1 & 2 to simultaneously to move to the next item on the menu.

STOP - Stop
This function is used to set the hours and minutes to stop secondary pricing.
Press select button 1 and the current four digit hour and minute setting will be displayed (24 hour).
Press and hold select button 1 to Set Hours.
Press and hold select button 2 to Set Minutes.

Press and hold select buttons 1 & 2 to simultaneously to move to the next item on the menu.

RTN - Return
Press select button 1 to return to “SEC”.

Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

ECTL – ENVIRONMENTAL CONTROLS
This allows the user to view the energy conservation menu “LT” - “Lighting”, “RFRG” – “Refrigeration”, and also the “RLY” - Relay test menu. When this is programmed to “Off” you will not see (LT), (RFRG) or (RLY). Press select button 1 and the current setting will be displayed (On or Off). Press and hold select button 1 to toggle between on and off. To move to “LT” Light, press & hold select buttons 1 & 2 simultaneously with this feature on. To move to “FREE” - Free Vend, press & hold select buttons 1 & 2 simultaneously with this feature off.

LT – Light: available only when Environmental Controls are set to on.
This function is used to turn the lights off and on during certain periods of the day.
Press select button 1 will enter “DAYS”.

DAYS - Days
This function is used to set the days of the week to turn lights on and off.

Day of Week:	SUN - Sunday	WED - Wednesday	SAT – Saturday
	MON - Monday	THUR - Thursday	ALL - All Days
	TUE – Tuesday	FRI – Friday	NONE – No Days
	RTN - Return		

Press select button 1 and "MON #" will show on the display, where # is “0” (disable) or “1” (enable). Press and hold select button 1 to toggle between “0” and “1”. Release the select button with the display showing the setting you wish to use. Press select buttons 1 & 2 simultaneously to scroll through all available days, “ALL”, “NONE”, and “RTN”. Press select button 1 at the “RTN” prompt returns to “DAYS”.

Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

STRT - Start
This function is used to set the hours and minutes to start lighting routine.
Press select button 1 and the current four digit hour and minute setting will be displayed (24 hour).
Press and hold select button 1 to Set Hours.
Press and hold select button 2 to Set Minutes.

Press and hold select buttons 1 & 2 to simultaneously to move to the next item on the menu.

STOP - Stop
This function is used to set the hours and minutes to stop lighting routine.
Press select button 1 and the current four digit hour and minute setting will be displayed (24 hour).
Press and hold select button 1 to Set Hours.
Press and hold select button 2 to Set Minutes.

Press and hold select buttons 1 & 2 to simultaneously to move to the next item on the menu.

ENAB - Enable
This function is used to allow the lighting routine to go in to affect.
Press select button 1 and the current setting will be displayed (On or Off).
Press and hold select button 1 to toggle between “On” and “Off”.
Release the select button showing the setting you wish to use and display will return to “ENAB”.
Press select buttons 1 & 2 to scroll to “RTN”.

RTN - Return
Press select button 1 to return to “LT”.

Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

RFRG – Refrigeration: available only when Environmental Controls are set to on.
This function is used to electronically control the refrigeration operations of the vender if an electronic temp sensor is being used. Press select button 1 will enter “TEMP”.

TEMP – Temperature (Default Temperature 35^0F / 1.5^0 C)
This function is used to set the average product temperature for initial pull down and reload recovery.
Press select button 1 and “tt.tx” will show on the display where x is F (Fahrenheit) or C (Celsius) and tt.t is the degrees.
Press and hold select button 1 to increase or decrease the number by 1 F^0 or 0.5^0C. Release select button with the display showing the temperature you wish to use and display will return to “TEMP”.
Press select buttons 1 & 2 to scroll to “Celsius or Fahrenheit”.

C-F - Celsius or Fahrenheit
This function is used to set the degree reading to Fahrenheit (F) or Celsius (C).
Press select button 1 and the current setting will show on the display. Press and hold select button 1 to toggle between F and C. Release the select button with the display showing the setting you wish to use and display will return to “Celsius or Fahrenheit”.
Press select buttons 1 & 2 to scroll to “DSP”.

DSP - Display
This function is used to enable the Temperature to be displayed following the “Ice Cold Drink” message.
Press select button 1 and “DSP” will show on the display. Press select button 1 and the current setting will be displayed (On or Off). Press and hold select button 1 to toggle between “On” and “Off”.

Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

DAYS - DAYS
This function is used to set the days of the week to use Temperature Setting Routine.

Day of Week:	SUN - Sunday	WED - Wednesday	SAT – Saturday
	MON - Monday	THUR - Thursday	ALL - All Days
	TUE - Tuesday	FRI – Friday	NONE – No Days
	RTN - Return		

Press select button 1 and "MON #" will show on the display, where # is “0” (disable) or “1” (enable). Press and hold select button 1 to toggle between “0” and “1”. Release the select button with the display showing the setting you wish to use. Press select buttons 1 & 2 simultaneously to scroll through all available days, “ALL”, “NONE”, and “RTN”. Press select button 1 at the “RTN” prompt returns to “DAYS”.

Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

STRT - Start
This function is used to set the hours and minutes for storage temperature to become active.
Press select button 1 and the current four digit hour and minute setting will be displayed (24 hour).
Press and hold select button 1 to Set Hours.
Press and hold select button 2 to Set Minutes.

Press and hold select buttons 1 & 2 to simultaneously to move to the next item on the menu.

STOP - Stop
This function is used to set the hours and minutes for storage temperature to de-activate.
Press select button 1 and the current four digit hour and minute setting will be displayed (24 hour).
Press and hold select button 1 to Set Hours.
Press and hold select button 2 to Set Minutes.

Press and hold select buttons 1 & 2 to simultaneously to move to the next item on the menu.

S-T – Storage Temperature: (Default Temperature 60^0F / 16^0 C)
This function is used to set the temperature for product storage.
Press select button 1 and "tt.tx" will show on the display where x is F (Fahrenheit) or C (Celsius) and tt.t is the degrees.
Press and hold select button 1 to increase or decrease the number by 1 F^0 or 0.5^0C. Release select button with the display showing the temperature you wish to use and display will return to "S-T".
Press select buttons 1 & 2 to scroll to "S-E".

S-E - Storage Enabled
This function is used to enable the storage setting to go in affect.
Press select button 1 and the current setting will be displayed (On or Off).
Press and hold select button 1 to toggle between "On" and "Off".
Release the select button showing the setting you wish to use and display will return to "S-E".

Press select buttons 1 & 2 to scroll to "Return".

RTN - Return
Press select button 1 to return to "Refrigeration".

Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

FREE - Free Vend
This function is used to set the Free vend option. Note; For free vend to become active a free vend switch must be connected to the controller on the free vend switch connector. Press select button 1 and "ENAB" will show on Display.

ENAB - Enable
This function is used to allow the free vend to go in to affect.
Press select button 1 and the current setting will be displayed (On or Off).
Press and hold select button 1 to toggle between "On" and "Off".
Release the select button showing the setting you wish to use and display will return to "ENAB".
Press select buttons 1 & 2 to scroll to "DSP".

DSP - Display
This function is used to show the current number of free vends performed by the controller.
Press select button 1 and "#" will show on the display where "#" is the number of free vends performed by the controller. Release the select button and display will return to "DSP".
Press select buttons 1 & 2 to scroll to "RSET".

RSET - Reset
This function is used to reset number of free vends to zero.
Press and hold select button 1 for five seconds to reset the number of free vends performed by the controller to zero.
Release the select button and display will return to "RSET".
Press select buttons 1 & 2 to scroll to "RTN".

RTN - Return
Press select button 1 to return to "FREE".
Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

OVER - Override
This function is used to allow a key switch to override some of the settings stored for normal operations.

When enabled and the override switch is in the closed position, the controller will override “FREE”, disable vending, disable currency acceptance, display will show “No Sales”, and lights will be off. Vender will remain in this idle state until the override switch is in the open position.
Press select button 1 and the display will show the current setting for 2 seconds (On or Off).
Press and hold select button 1 to toggle between “On” - enabled and “Off” - disabled.
Release the select button showing the setting you wish to use and display will return to “OVER”.
Press select buttons 1 & 2 to scroll to “SSM”.

SSM - Sales Message
This function is used to turn on a scrolling message "Ice Cold Drink".
Press select button 1 and the display will show the current setting (On or Off).
Press and hold select button 1 to toggle between “On” and “Off”.
Release the select button showing the setting you wish to use and display will return to “Sales Message”.
Press select buttons 1 & 2 to scroll to “R-CH”.

R-CH - Recharge
This function is used to enable the recharge card setting routine.
Press select button 1 and the display will show the current setting (On - recharge card enabled or Off – recharge card disabled). Press and hold select button 1 to toggle between “On” and “Off”.
Release the select button showing the setting you wish to use and display will return to “R-CH”.
Press select buttons 1 & 2 to scroll to “RTN”.

RTN - Return
Press select button 1 to return to “User Menu”.
Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

DIAG - Diagnostics
This function allows you to systematically diagnose problems related to the vender. To move to "AUTO” (Auto Test), press select buttons 1 & 2 simultaneously, to enter sub-menu press select button 1. The following are sub-menus of Diagnostics Menu: "SL” - Selection, "SP” - Sold Out Empty Test, "SW” - Sold Out Full Test, "MT” – Motors, "CM” - Coin mech, "NA” - Note Acceptor, "DSP” - Display, "RLY” - Relay, and "RTN - Return.

SL - Selection
Press any select button, and the display will indicate the number of the select button pressed.
Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

SOE - Sold Out Empty Test
Use this to test the sold-out switches if the vender is empty. Press select button 1 to display any Sold Out Paddles that are not pressed, indicating that a column is empty. The display will automatically scroll through the columns that are sold out. Press select button 1 to return to “SP”.
Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

SOF - Sold Out Full Test
Use this to test the sold-out switches if the vender is full. Press select button 1 to display any Sold Out Paddles that are pressed, indicating that the column is full. The display will scroll through the columns that have product. Press select button 1 to return to “SW”.
Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

MT - Motors
Use this test to run any motor in the stack. Press select button 1 and “Motor 1” will show on the display. Use the following select buttons to run this test.
Press Select Buttons 1 & 2: Press until desired motor # to run or “Return” is shown on the display.
Press Select Button 1: Press to run the selected motor. The display will show "Vend" and the selected motor will run. Press select button 1 at “RTN” and display will show “MT”
Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

CM - Coin mech

Use this test to check coin mech, coin chute work, and coin mech payout systems.
Insert coins. The value of coins will be reflected on display. Press select button 2 will exit the test and return any coins inserted and return to “CM”.
Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

NA - Note Acceptor
Use this test to check note acceptor. Insert a bill. Bill will be held in escrow. Press select button 2 to stack the bill. Press select button 3 to return the bill. After the note has been stacked or returned, the display will return to “NA”.
Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

DSP - Display
Press select button 1 and the display segments will illuminate in a scrolling manner and return to “DSP”.
Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

RLY – Relay: available only when Environmental Controls are set to on.
CMP# - Compressor #
This function allows you to test the relay electronic control of the compressor.
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 1 and the display will show "CMP #". Press select button 1 to toggle the state of the relay.
Press select buttons 1 & 2 to scroll to “FAN #”.

FAN# - Fan #
This function allows you to test the relay electronic control of the evaporator fan.
Press select button 1 and the display will show "FAN #". Press select button 1 to toggle the state of the relay.
Press select buttons 1 & 2 to scroll to “LT #”.

LT# - Light #
This function allows you to test the relay electronic control of the lights.
Press select button 1 and the display will show "LT#". Press select button 1 to toggle the state of the relay.
Press select buttons 1 & 2 to scroll to “RTN”.

RTN - Return
Press select button 1 to return to “RLY”.
Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu

RTN - Return
Press & hold select button 1 to return to "Diagnostics".
Press & hold select buttons 1 & 2 simultaneously to move to the next item on the menu.

AUTO - Auto Test
This function is used in Dixie-Narco’s manufacturing process and is not intended for use in the field. Its purpose is a self-test routine to check the SBC components listed. For further details contact Dixie-Narco Factory Service.

RTN - Return
Press & hold select button 1 to return to normal operating mode.

SBC QUICK REFERENCE MENU PROMPTS

Main Menu	Sub-Menu	Sub-Sub-Menu	Main Menu	Sub-Menu	Sub-Sub-Menu
(HD) Historical Data			User con't.	(LT) Lights	Days
(RD) Interval Data					(STRT) Start
(SP) Set Price					Stop
(C-S) Cash Settings	(CF) Coin Fill				(ENAB) Enable
	(C-D) Dump Coin				(RTN) Return
	(CR) Coin Rules			(RFRG) Refrigeration	(TEMP) Temperature
	(ESC) Escrow	(PR) Escrow to Price			(C-F) Celsius or Fahrenheit
		(EP2) Escrow No Cancel			(DSP) Display
		(ES4) Escrow to Select 4			Days
		(ES1) Escrow to Select 1			(STRT) Start
	(MV) Multi Vend				Stop
	(RTN) Return				(S-T) Storage Temperature
(USER) User Menu	(STS) Space To Sales				(S-E) Storage Enable
	Time	Year			(RTN) Return
		(MTH) Month		(FREE) Free Vend	(ENAB) Enable
		Day			(DSP) Display
		(HR/M) Hour/Minute			(RSET) Reset
		(DST) Daylight Savings Time			(RTN) Return
		(RTN) Return		(OVER) Override	
	(LANG) Language			(SSM) Sales Message	
	(ECNT) Electronic Counter			(R-CH) Recharge	
	(LIM) Limited Access	(LAOS) Limited Access on Selects		(RTN) Return	
		Days	(DIAG) Diagnostics	(SL) Selection	
		(STR1) Start Period 1		(SO-E) Sold Out Empty Test	
		(STP1) Stop Period 1		(SO-F) Sold OUT Full Test	
		(STR2) Start Period 2		(MT) Motors	
		(STP2) Stop Period 2		(CM) Coin Mech	
		(RTN) Return		(NA) Note Accepter	
	(SEC) Secondary Price	(S-P2) Set Price 2		(DSP) Display	
		Days		(RLY) Relay	(CMP#) Compressor
		(STRT) Start Secondary Pricing			Fan#
		(STOP) Stop Secondary Pricing			(LT #) Light#
		(RTN) Return			(RTN) Return
	(ECTL) – Environmental Controls			(RTN) Return	
			(AUTO) Auto test		
			(RTN) Return		

A. Press and hold select buttons 1 & 2 simultaneously to move through the menu from top to bottom.

B. Press select button 1 to move left/right or enter/exit in the menu, depending on the menu prompt on the display.

Setting The Vender Type

When installing a service control board that has not been installed in a vender, the control board needs to set the vender type to recognize and perform proper space-to-sales options and vending operations.

To set the vender type:

1. Remove power to the vender.
2. Remove the existing control board.
3. Install the new control board.
4. Power-up the vender and the display will scroll “Set Model Number”.
5. Press button 1 and the machine will display the model number available “DN501E-10”.
6. Press buttons 1 and 2 simultaneously, this will allow the user to cycle through the available model numbers for that machine type (see list below). Once the desired model number is displayed “DN501E-9” or ” DN600E-9”, pressing button 1 will set this type.

Note: If the incorrect model number is set, the machine will not have the correct default space-to-sales arrangement. The user should power up the unit with the door open and press button 1 when the Model Number is displayed. The display will show “Set Model Number”. Follow steps 5 and 6 above. Only the Model Numbers that correspond to the number of columns in the machine will show. See list:

5 Column Venders
DN300-5

6 Column Venders
DN276-6 DN168-6
DN360-6 DN630T-6
DN522-6

7 Column Venders
DN276E-7

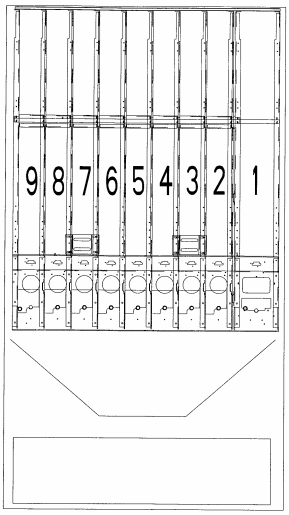
8 Column Venders
DN368-8 DN501T-8
DN440-8 DN600T-8

***9 Column Venders**
DN501E-9 600E-10
DN600E-9
*501E-10

10 Column Venders
DN348-10
DN414-10

***Dr Pepper SLS setting**

Factory Default Setting



Selection #	Column #
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	9

GENERAL MAINTENANCE

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.

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:

1. Rinse the sign with a soft cloth or sponge soaked in warm water.
2. 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 signs with a clear ultraviolet resistant coating (prevents yellowing).
3. Repeat the above steps as necessary. To prevent spotting, dry the sign using a soft cloth.

CABINET

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

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
	2. Hinge Pivot Points	Mechanics Friend
	Inner Door	
Every Year (or as needed)	1. Hinge Pivot Points	Mechanics Friend
	Inner Door	
	1. Door Gasket	Petroleum Jelly

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 804,919,240.11, will automatically update the software revision upon installation. For SBC boards using 804,919,240.11 software menu programming is required to manually update the software. Note: All Dr Pepper SL5 Venders require software version 804,919,240.61 or higher.
Important: EPROM's 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 DAMMAGE THE EPROMS LEGS.

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

Important Notes: Use the SBC programming manual to program a vender that has a Single Board Controller (SBC) installed. Resetting the machine's model number is required when updating the space to sales default for Dr Pepper SL5 DN501E-10 machines only (software revisions 804,919,240.41C, 804,919,240.51 and higher). The model number reset will make the new space to sales default settings operational. The procedure to reset the model number is provided in section IV.

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** 804,919,240.11)
- 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 804,919,240.11. 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 804,919,240.11 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 the "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.

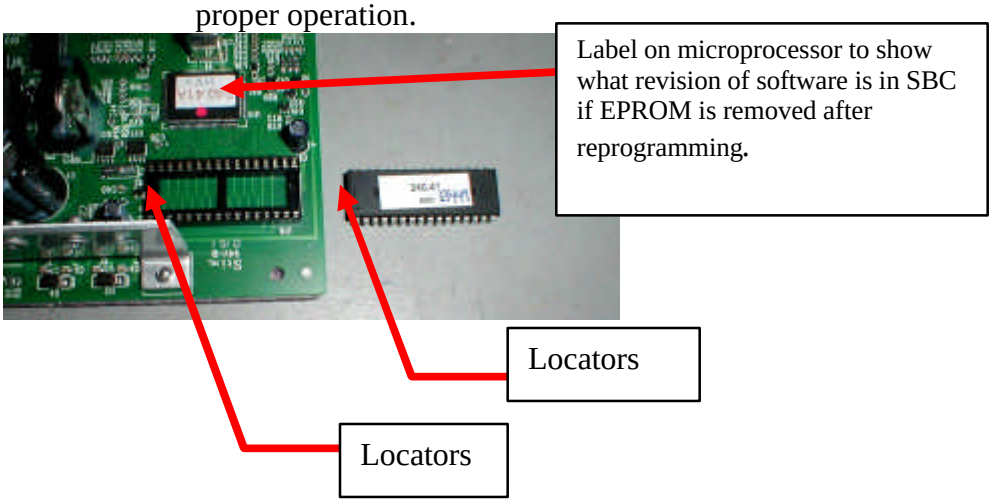


Figure 1

IV. **Dr Pepper SL5 DN501E-10** machines model number resetting to update the space to sales (software revisions 804,919,240.41C, 804,919,240.51 and higher). This is needed due to number 1 and number 2 select buttons flavor specifications being permanent.

- The software revisions listed must be updated in the machine through either step II or III before the new space to sales changes will work.
- After the new software is updated, make sure the vending machine's door is open.
- Remove power to the machine, by unplugging it from the outlet or at the stack plug..
- Reapply power to the machine.
- At power up the current software version and model number will scroll across display.
- After the current model number is displayed, press select button 1. Then display will show "MODL" for set model number.

- Release and press select button 1 to enter the set model number menu. The current model number will display. Note: this will say 501E-10. Press and hold select buttons 1 and 2 simultaneously to scroll through the available model numbers and back to 501E-10. Release when the model number you wish to use is displayed (501E-10).
- Display will show model number selected (501E-10). Press select button 1 to lock in the setting. After the model number is successfully reprogrammed, the new space to sales settings will be operational.

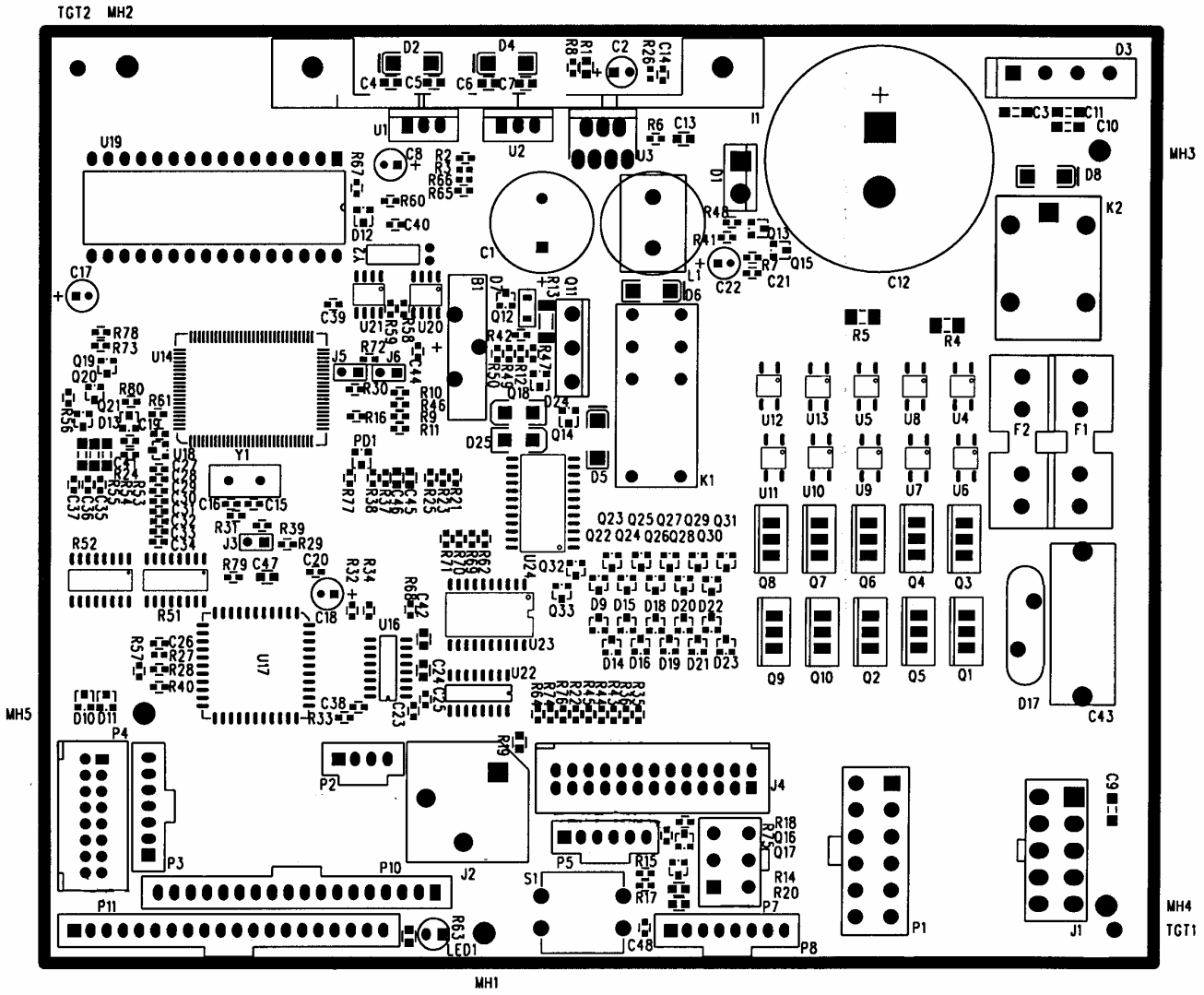
ELECTRICAL

Transformer	Provides 24 volt and 12 volt power to the Machine Controller
Fuse (F1)	1.6 Amp Slow Blow Control Board Power (includes display and MDB Peripherals)
Fuse (F2)	6.0 Amp Fast Blow Vend Motor Power
Choke	Foster A-16015 5mH 6A

REFRIGERATION

110 VAC

Compressor	Embraco, 1/3 HP, 115 VAC, 60 Hz 1 Phase Unit uses 7.5 oz. of 134A Refrigerant
Start Relay	110 VAC, 1.351.605
Start Capacitor	110 VAC 233-280 MFD / 165V
Thermal Overload	110 VAC MRT 22AF2-5598
Condenser Fan	6W Motor 110 VAC FV870CW25S Blade – 8-$^{11}/_{16}$" dia.
Evaporator Fan	6W Motor 110 VAC AD775CW32S Blade – 8-$^{3}/_{4}$" dia.



SBC CONTROL BOARD

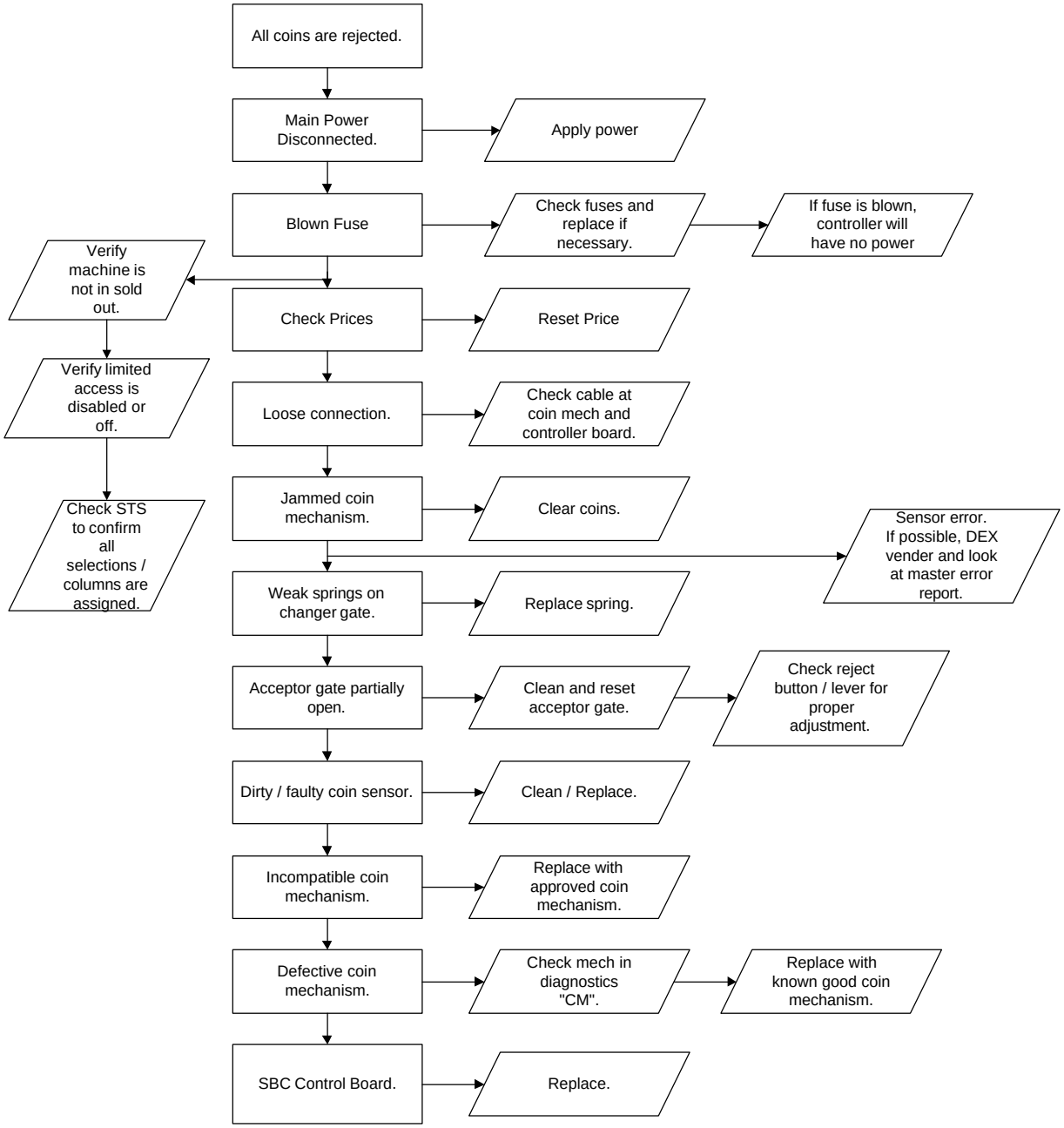
P1	Motor
P2	Secondary DEX
P3	Display
P4	Select Switches
P5	(not used)
P7	MDB
P8	(not used)
P10	(not used)
P11	(not used)
J1	AC Power
J2	DEX
J4	Cam / Sold Out

B1	Battery
F1	1.6A Fuse
F2	6A Fuse
S1	Service Switch

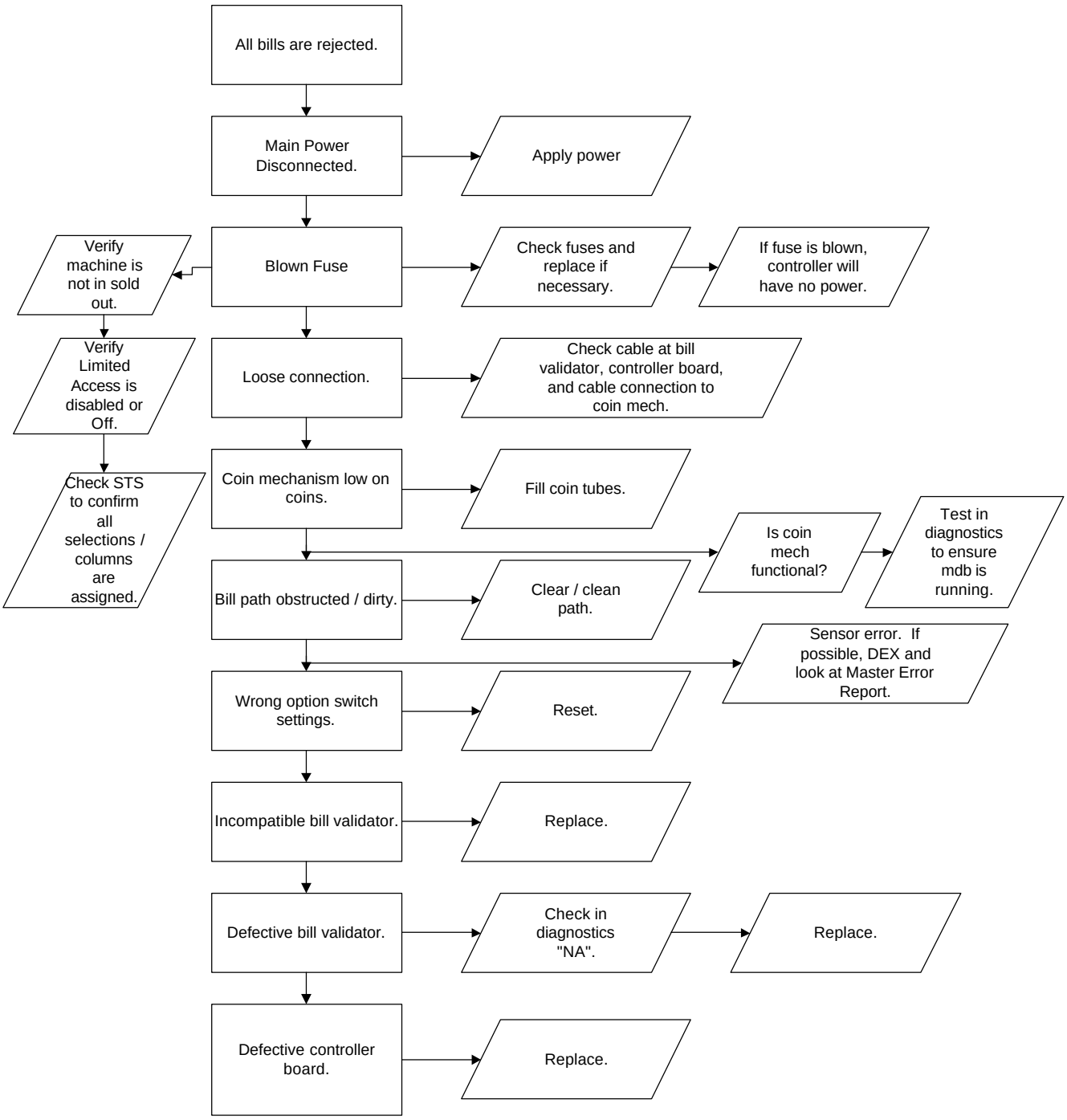
TROUBLESHOOTING FLOWCHARTS

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

ALL COINS ARE REJECTED

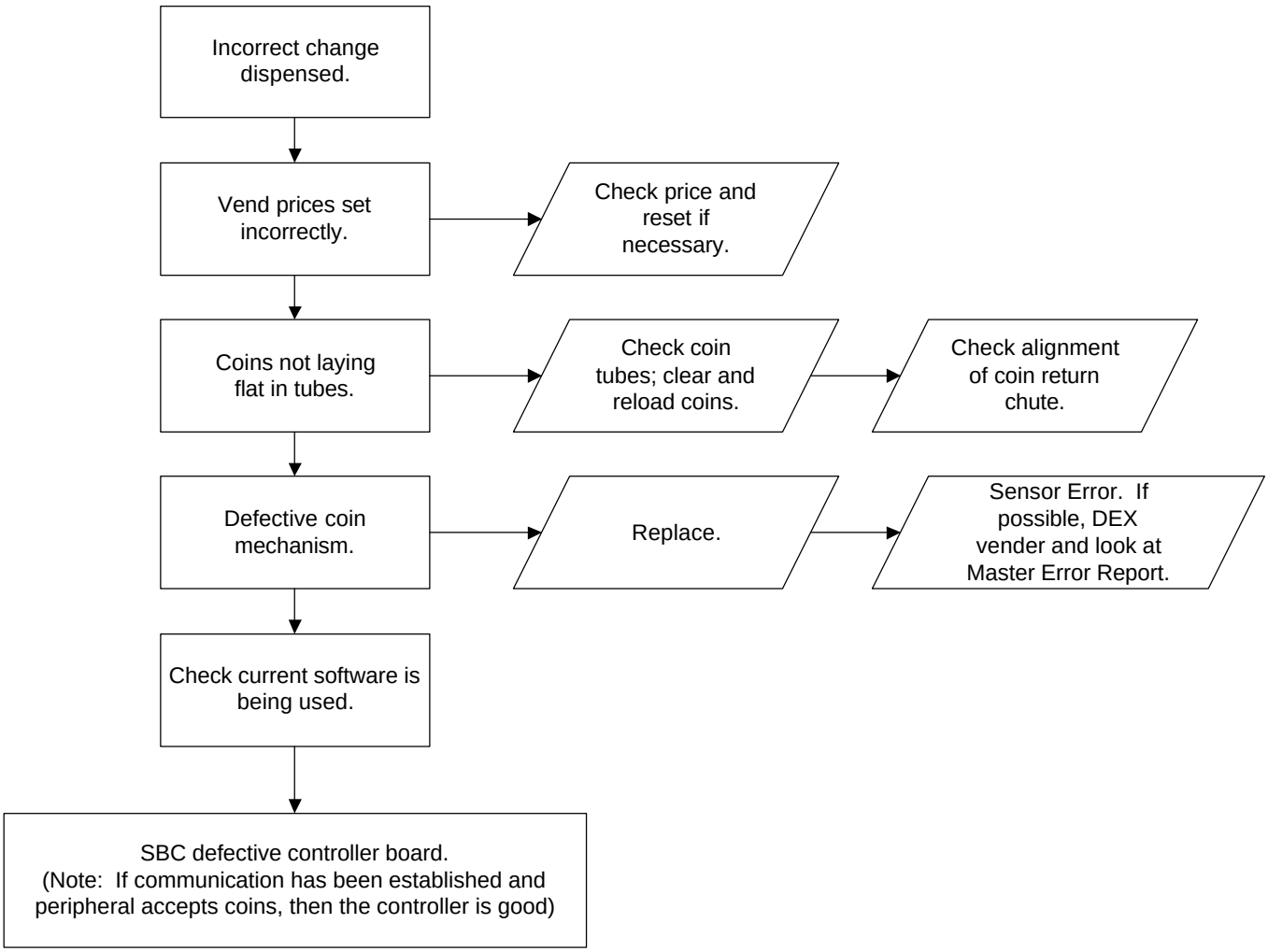


ALL BILLS ARE REJECTED



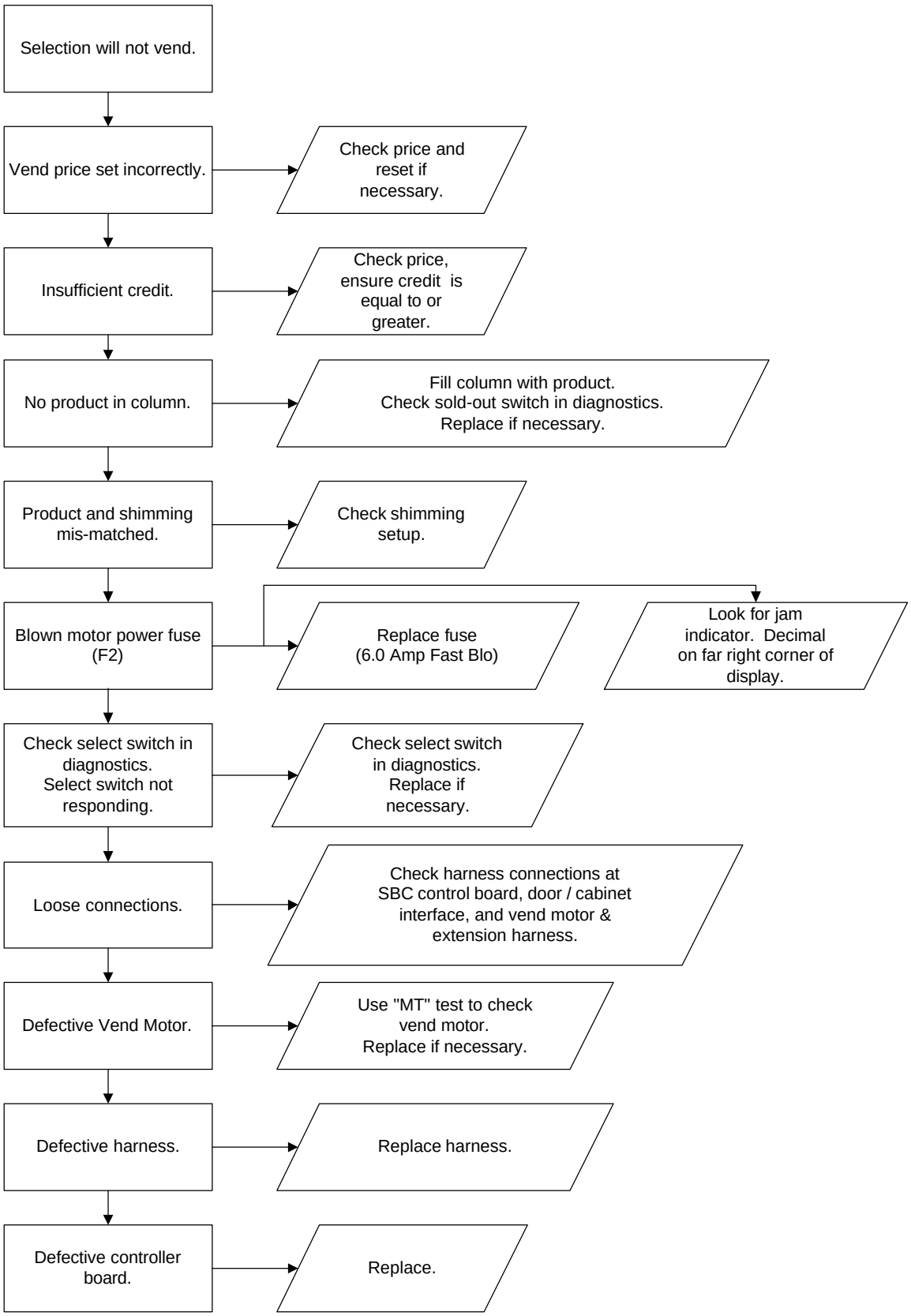
TROUBLESHOOTING FLOWCHARTS

INCORRECT CHANGE DISPENSED



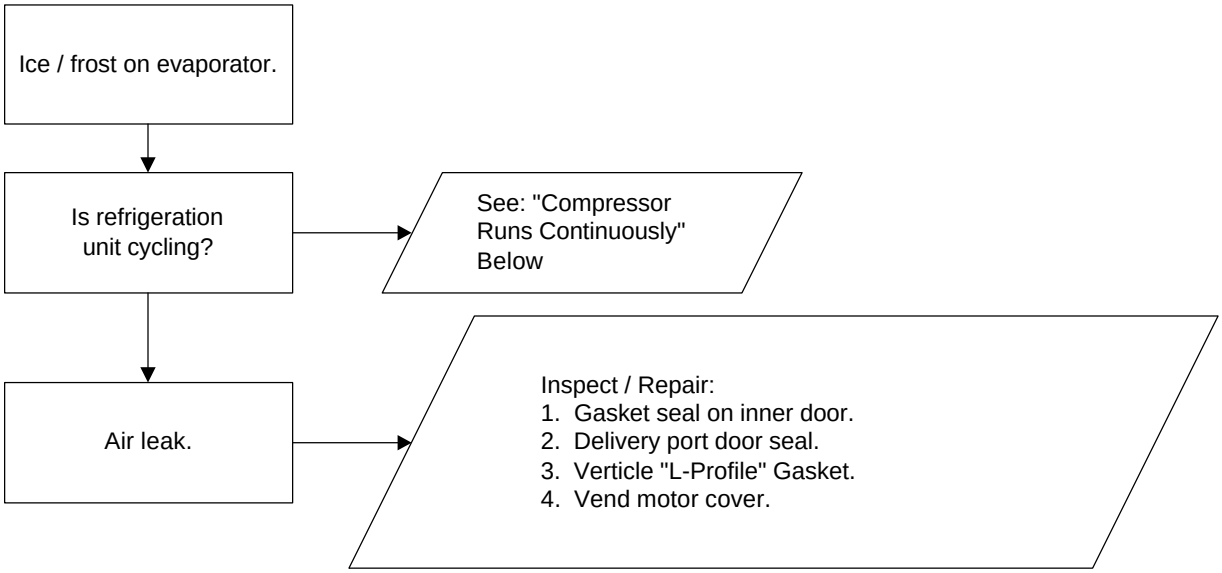
TROUBLESHOOTING FLOWCHARTS

SELECTION WILL NOT VEND

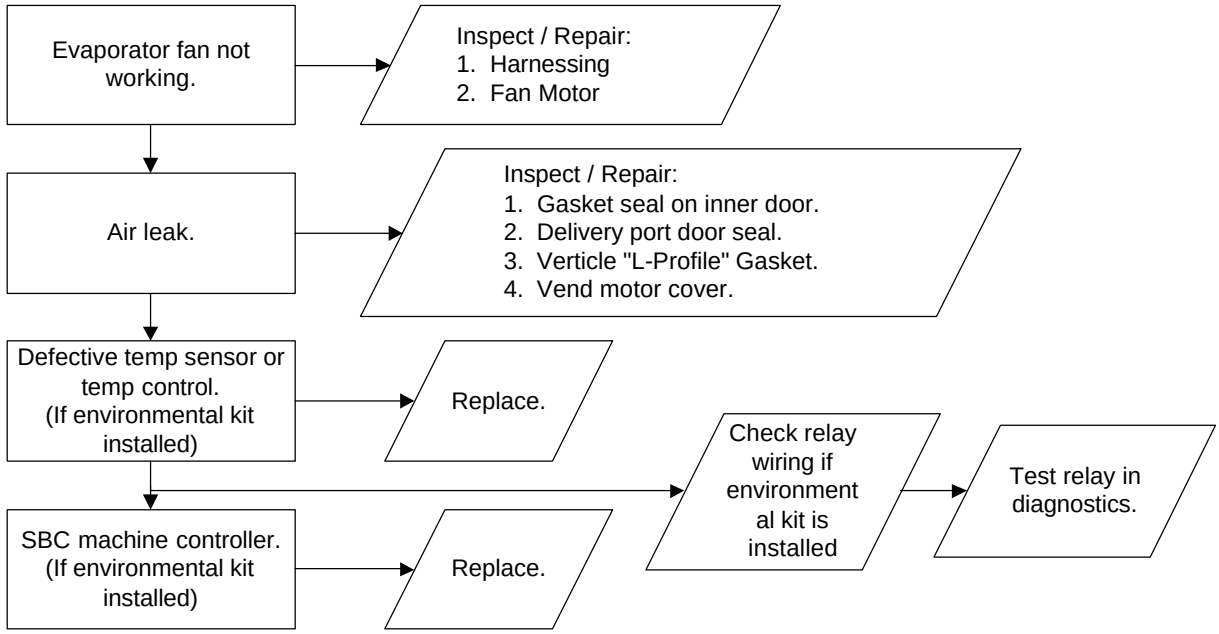


TROUBLESHOOTING FLOWCHARTS

ICE / FROST ON EVAPORATOR

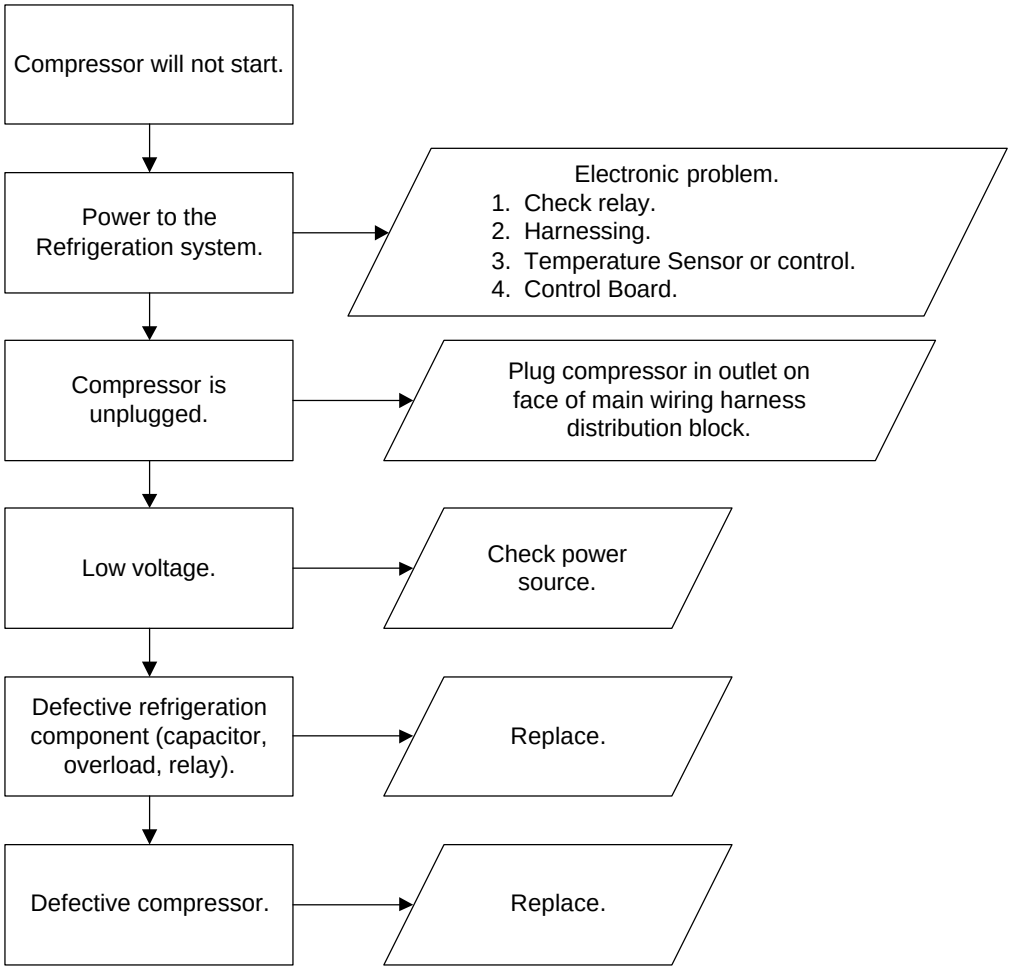


COMPRESSOR RUNS CONTINUOUSLY



TROUBLESHOOTING FLOWCHARTS

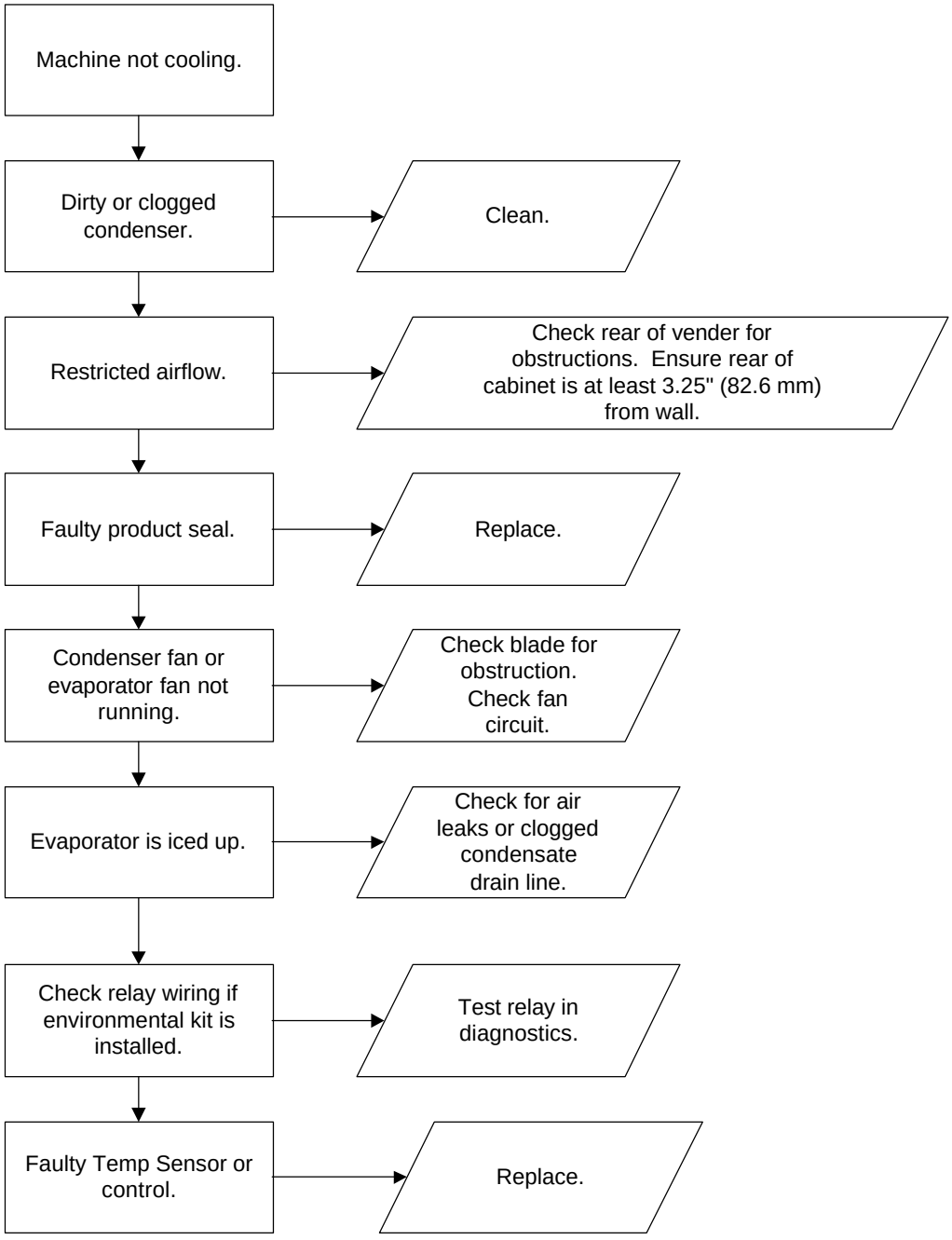
COMPRESSOR WILL NOT START



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.**

TROUBLESHOOTING FLOWCHARTS

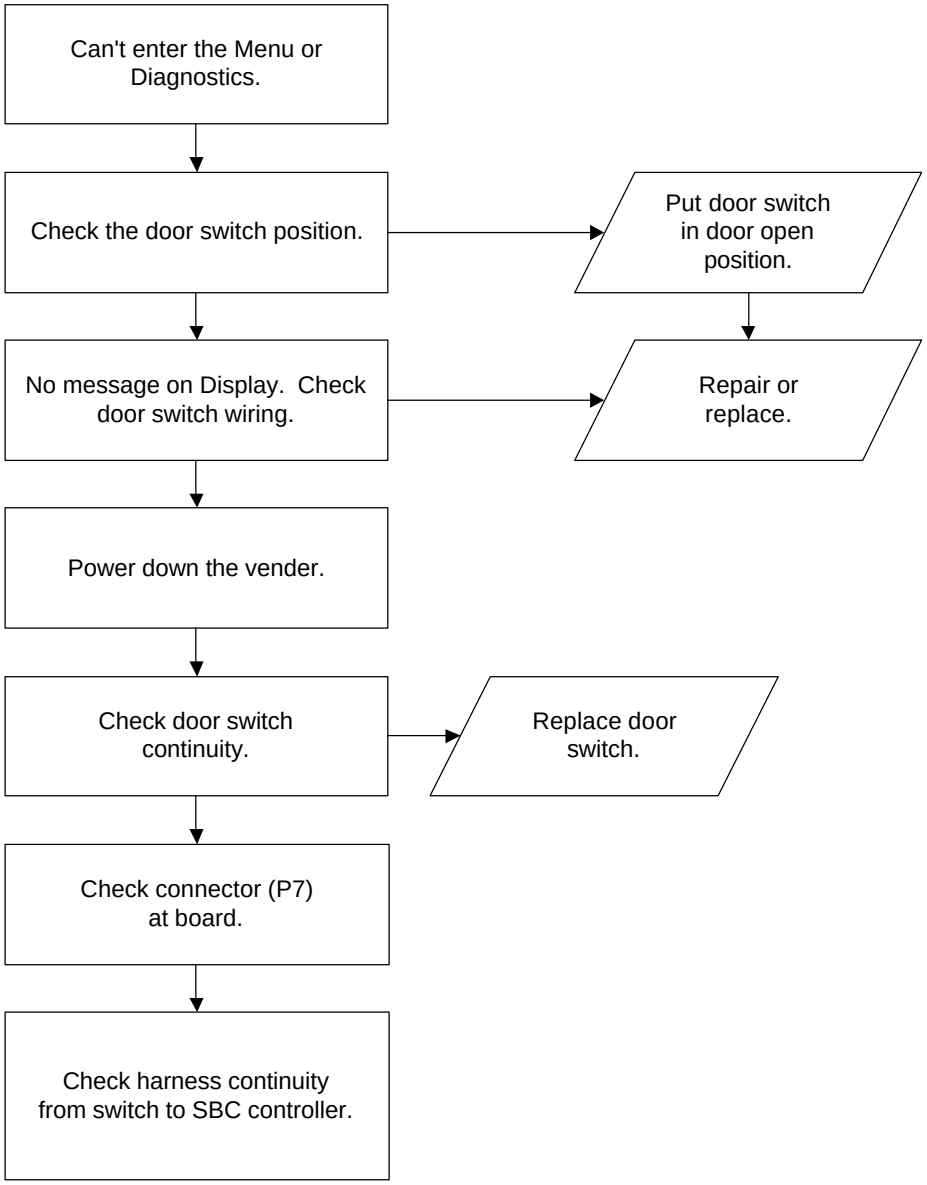
MACHINE NOT COOLING



TROUBLESHOOTING FLOWCHARTS

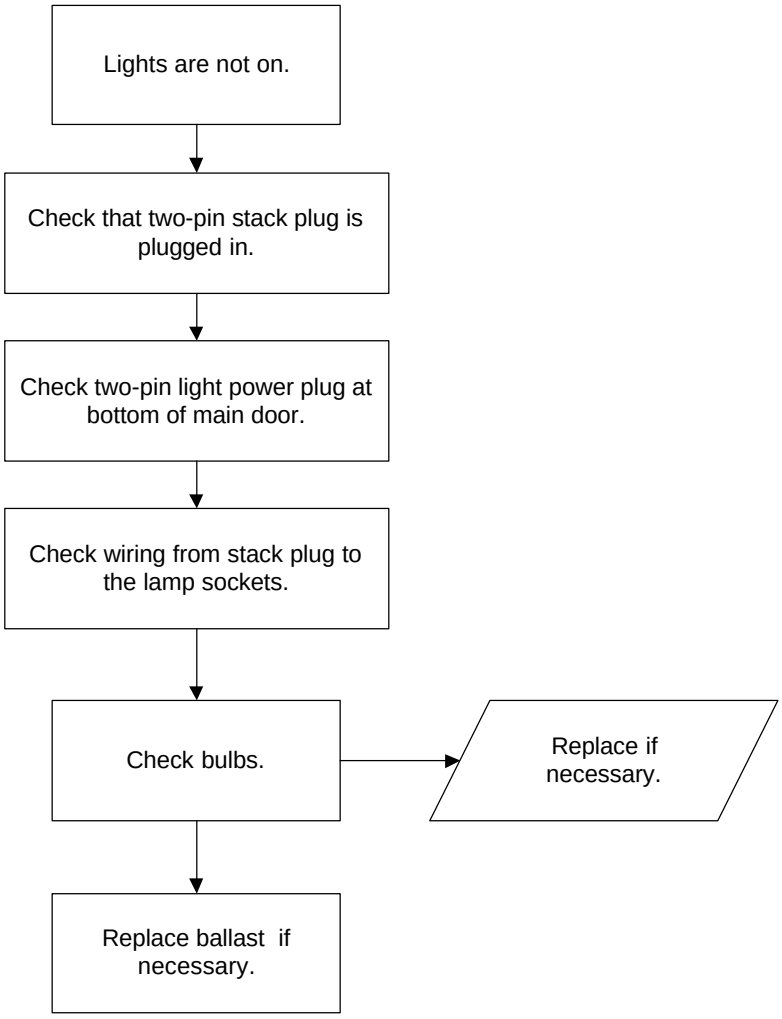
CAN'T ENTER THE MENU OR DIAGNOSTICS

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

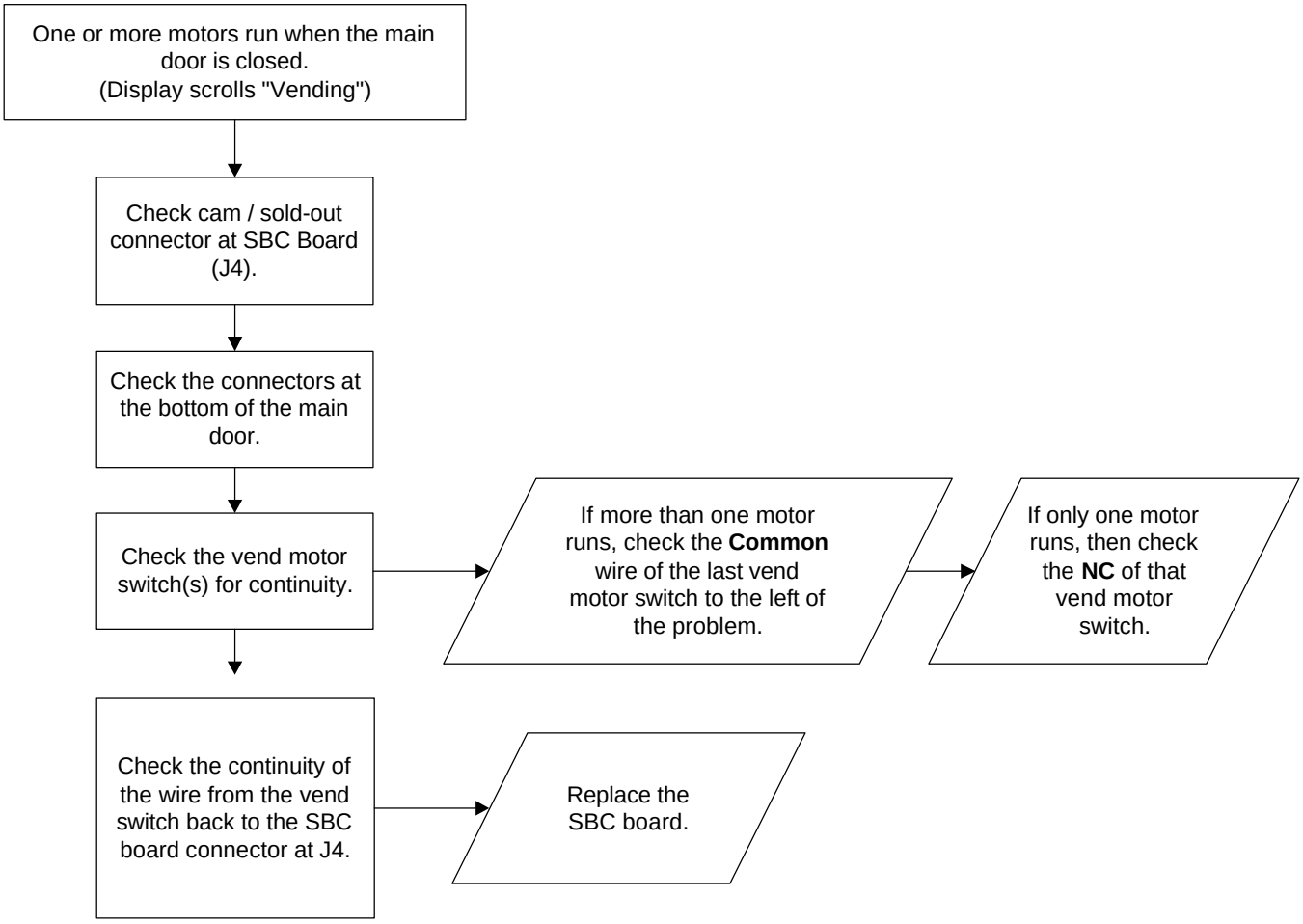


TROUBLESHOOTING FLOWCHARTS

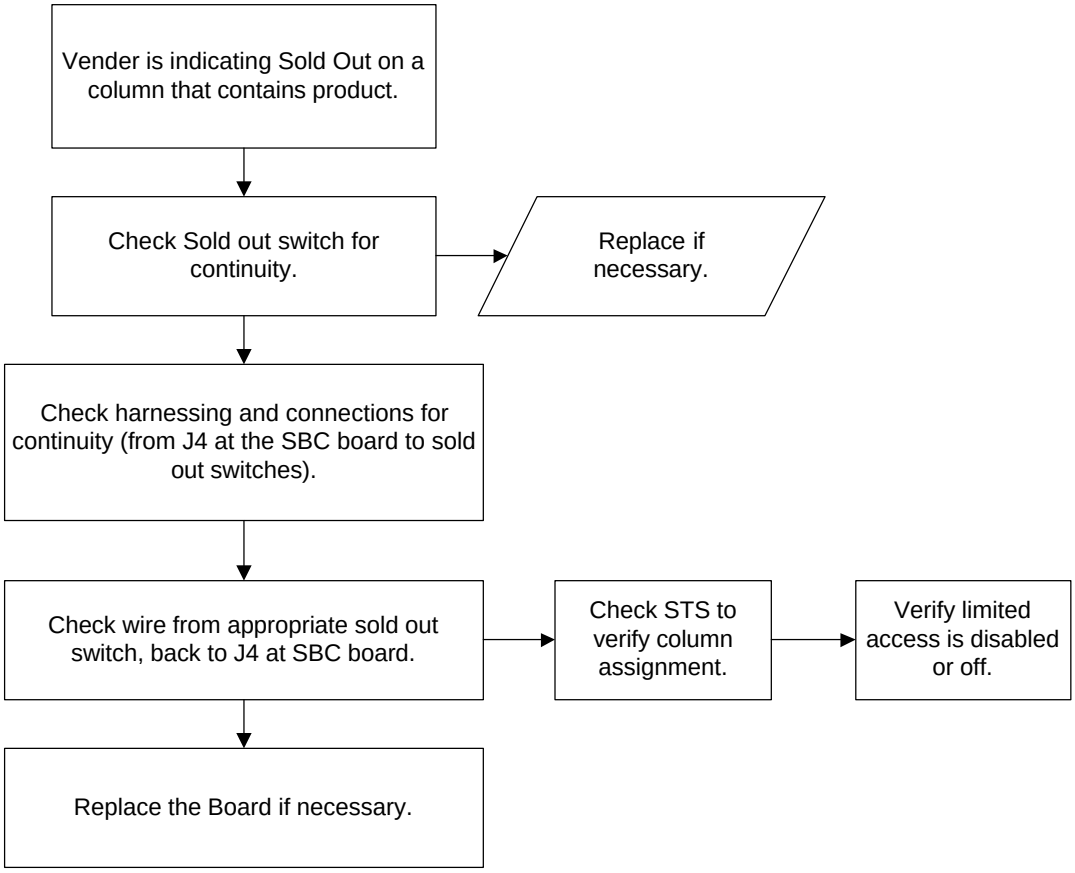
LIGHTS ARE NOT ON



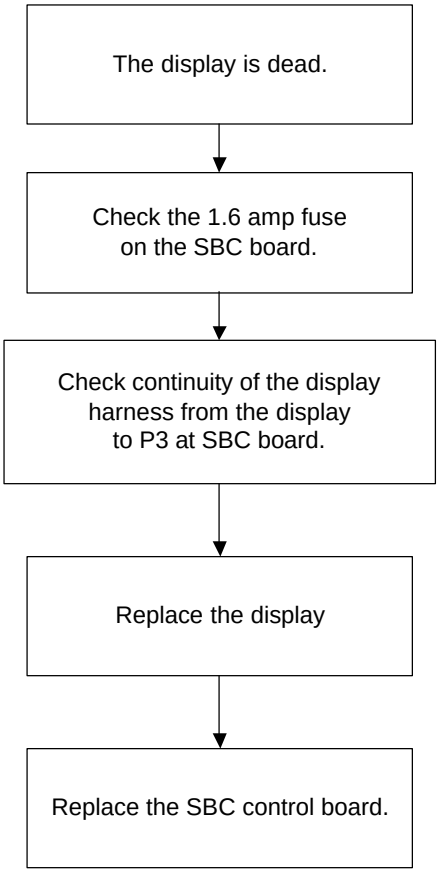
ONE OR MORE MOTORS RUN WHEN MAIN DOOR IS CLOSED
(Display Scrolls “Vending”)



SOLD OUT SWITCH

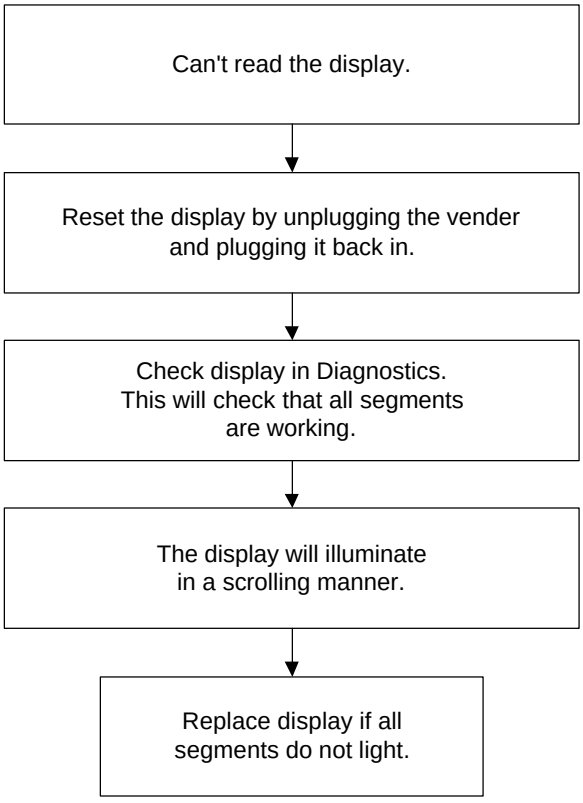


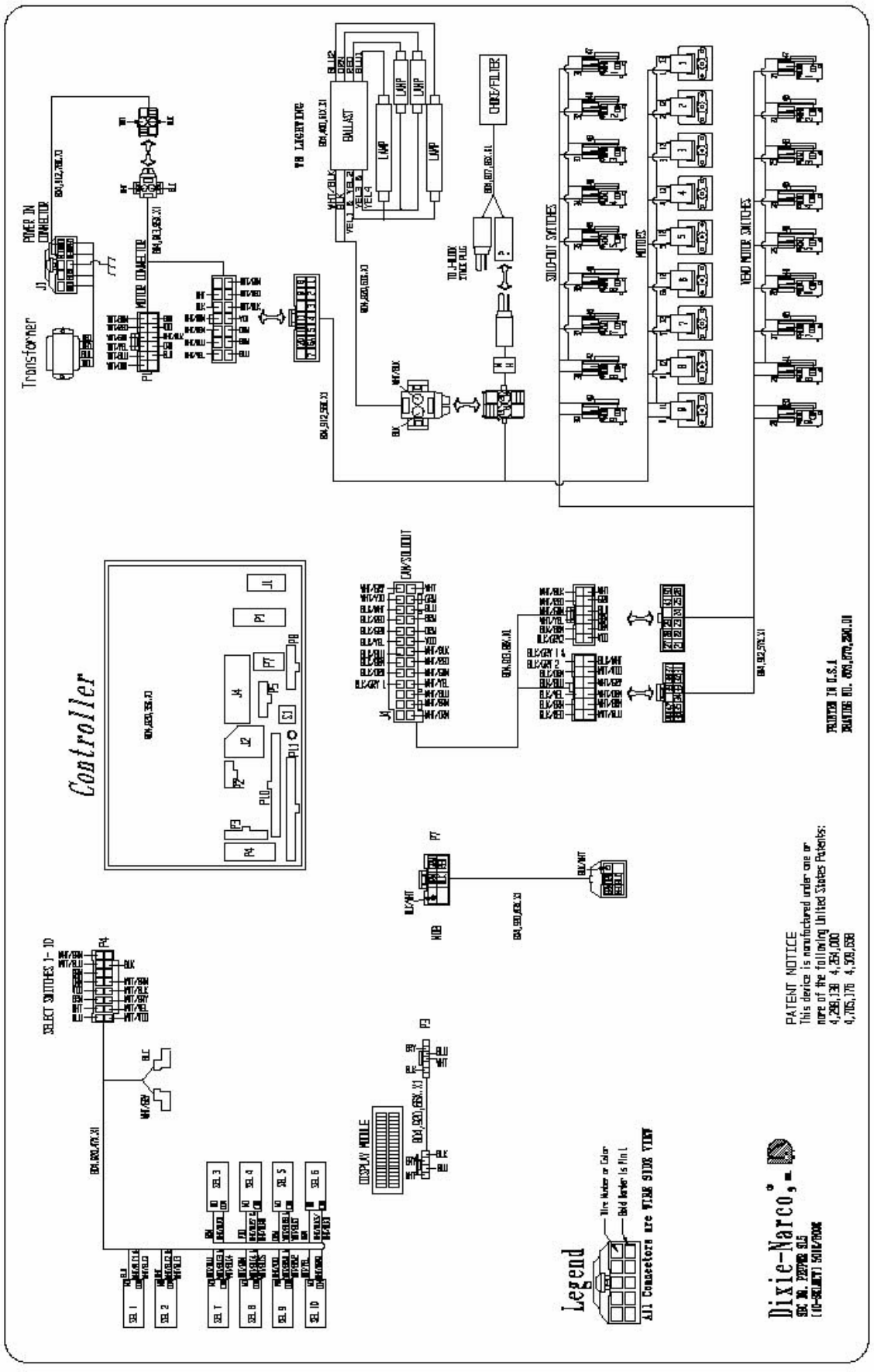
THE DISPLAY IS DEAD



TROUBLESHOOTING FLOWCHARTS

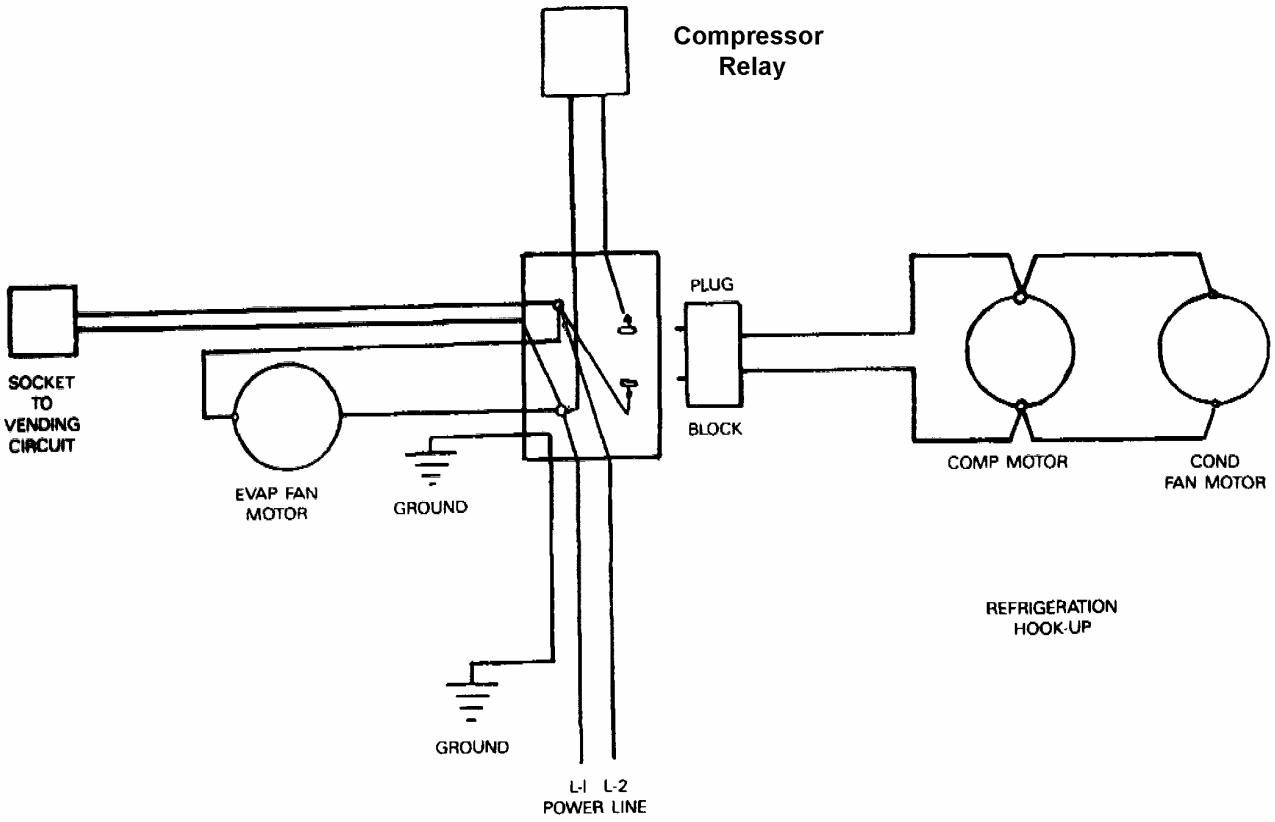
CAN'T READ THE DISPLAY



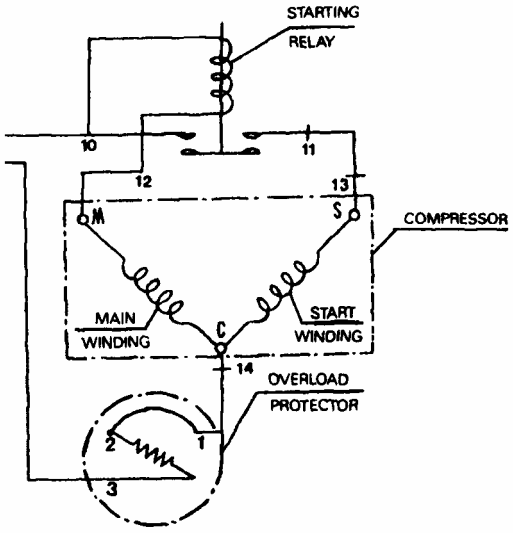

Transformer
POWER IN CONNECTOR
MOTOR CONNECTOR
BALLAST
LAMP
CHOKE/FILTER
SOLO-OUT SWITCHES
MOTORS
VEHO MOTOR SWITCHES
Controller
CAN/SOLODOT
SELECT SWITCHES 1-10
DISPLAY MODULE
Legend
All Connectors are WIRE SIDE VIEW
Dixie-Narco
PATENT NOTICE
This device is manufactured under one or more of the following United States Patents:

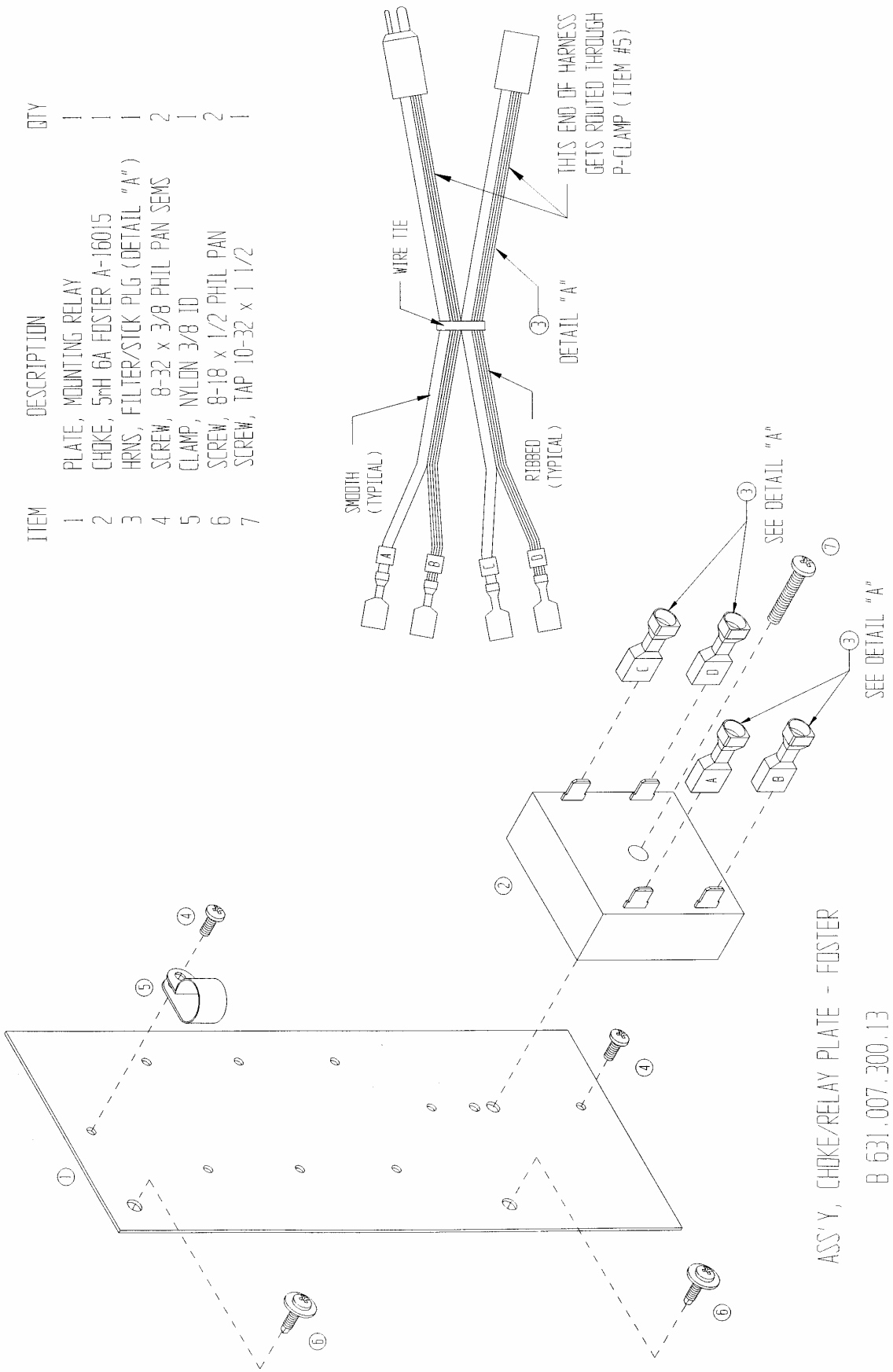
SBC

Refrigeration Circuit Diagrams



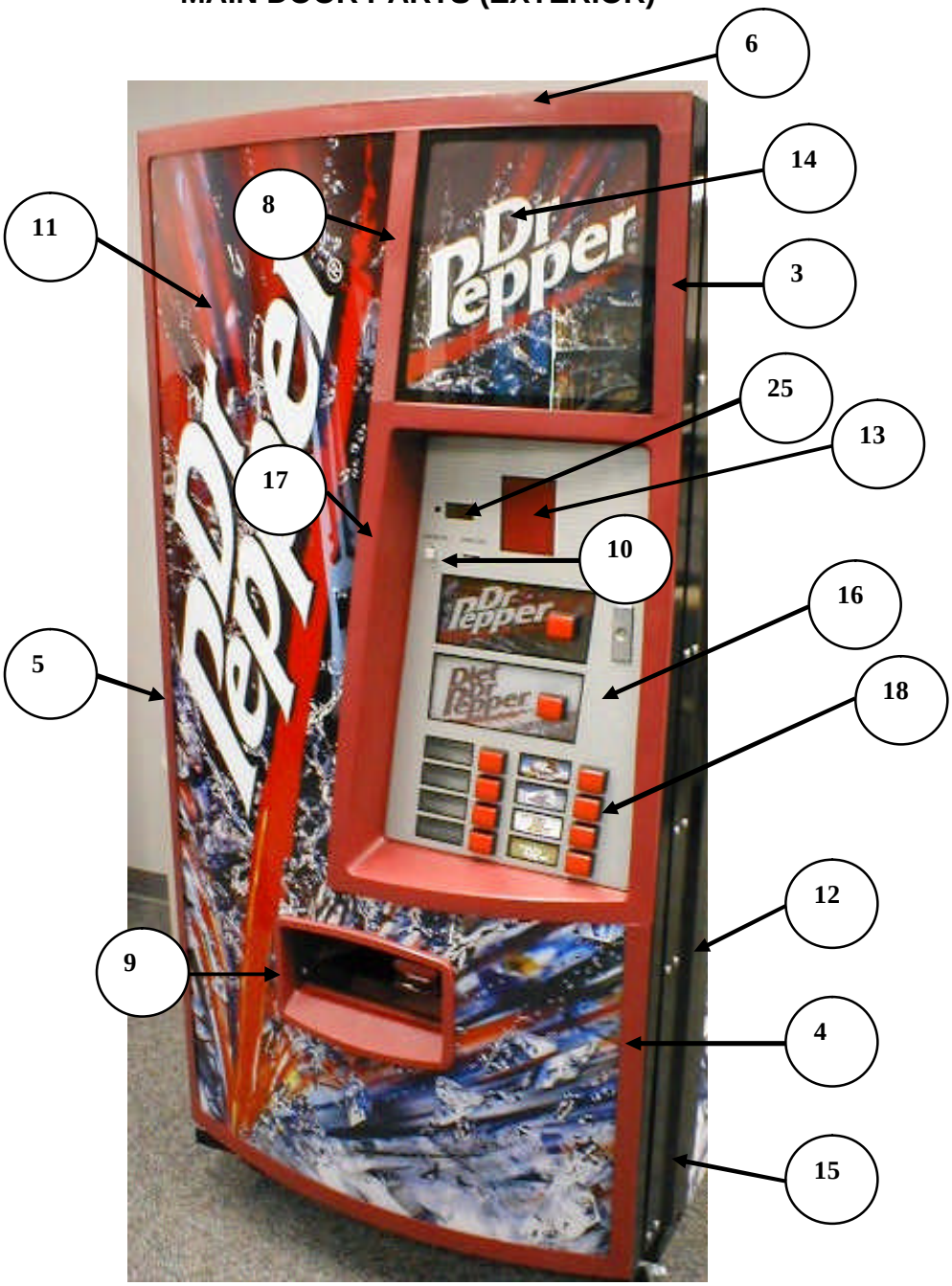
Embraco





NA = Not Applicable
Part numbers subject to change without notice.

MAIN DOOR PARTS (EXTERIOR)



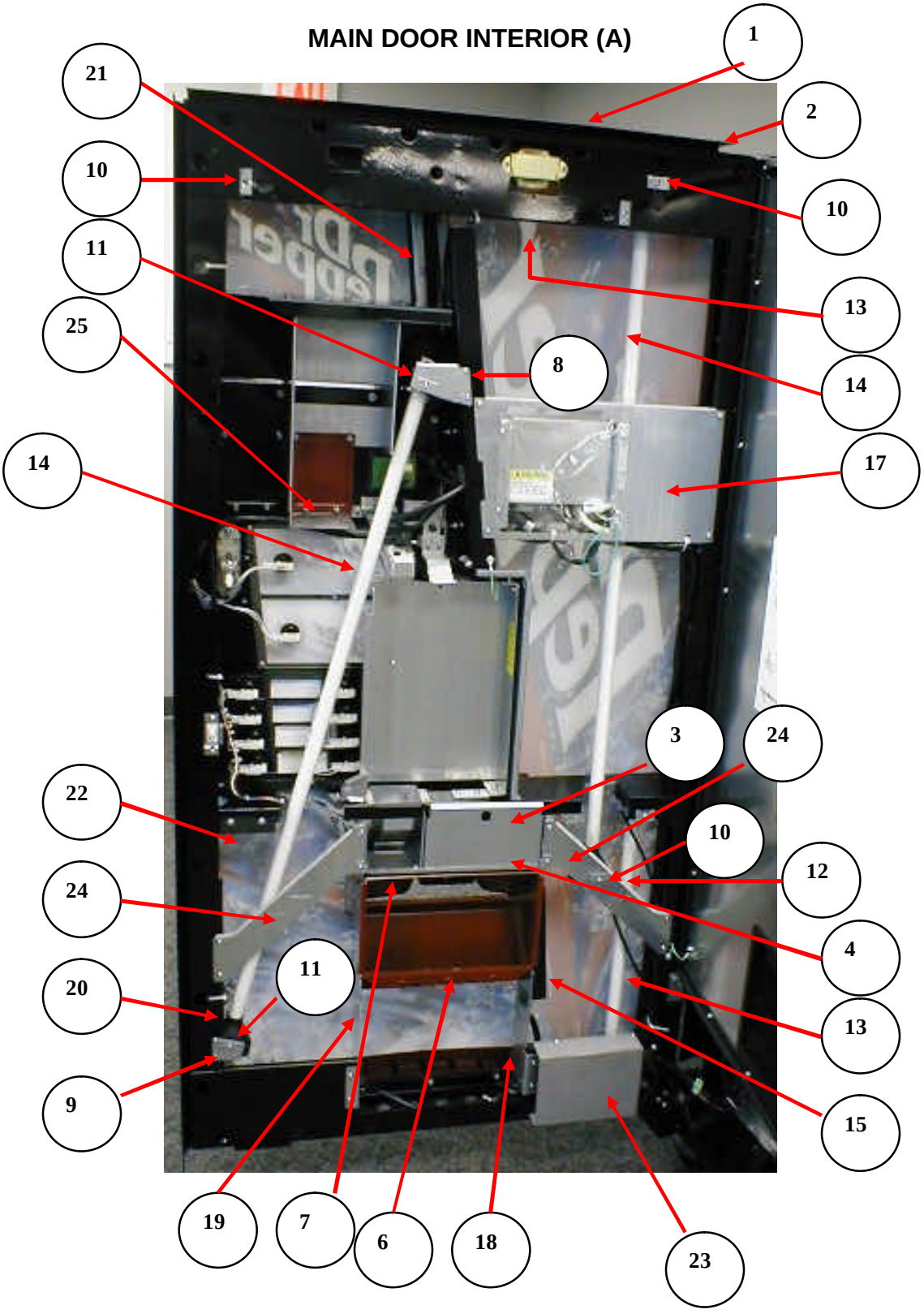
NA = Not Applicable
Part numbers subject to change without notice.

MAIN DOOR PARTS (EXTERIOR)

ITEM	PART DESCRIPTION	SBC (501E)
1	Main Door Assembly Dr Pepper SL5	634,052,00x.x3
2	Door Weld Assembly Dr Pepper SL5	634,050,10x.x3
3	Trim, Upper Right Maroon	634,050,52x.x3
4	Trim, Lower Right Maroon	634,050,53x.x3
5	Trim, Left Maroon	634,050,51x.x3
6	Assembly Top Cap	801,817,34x.x1
7	Assembly Bottom Cap	801,817,36x.x1
8A	Ad Panel Trim Assembly	801,817,32x.x1
8B	Ad Panel Trim Gasket	802,001,46x.x1
8C	Ad Panel Trim Center Retainer	634,050,49x.x3
9	Trim, Espacer Bozel	801,816,03x.x1
10	Coin Return Button	801,807,25x.x1
11	Sign, Dr Pepper SL5 Millennium	805,033,11x.x1
12	Protective Plate Door Dr Pepper SL5	165,150,33x.x3
13	Validator Filler Plate (specify color)	634,050,86x.x3
14	Ad Card Dr. Pepper Logo	803,869,42x.x1
15	Decal, Dr Pepper Millennium	803,869,41x.x1
16A	Sign, Transaction 1 Knock Out	805,033,13x.x1
16B	Sign, Transaction 2 Knock Out	805,033,12x.x1
17	Assembly Transaction Frame Coin Insert	801,815,86x.x1
18	Assembly Select Button	801,809,41x.x1
19	Push Button Spring	901,700,72x.x1
20	Select Button	801,809,35x.x1
21	Select Button Housing	801,809,39x.x1
22	Select Button Nut	801,807,99x.x1
23	Select Switch Holder	801,809,38x.x1
24	Select Switch	804,100,74x.x1
25	Display Lens	801,810,67x.x1
B2	Hex Nut ¼-20	900,800,67x.x1
B3	Hex Nut 8-32	900,800,50x.x1
D4	T Bolt #8-32x1/2	900,400,45x.x1
E4	Carriage Bolt ¼-20x1/2	900,201,45x.x1

NA = Not Applicable
Part numbers subject to change without notice.

MAIN DOOR INTERIOR (A)



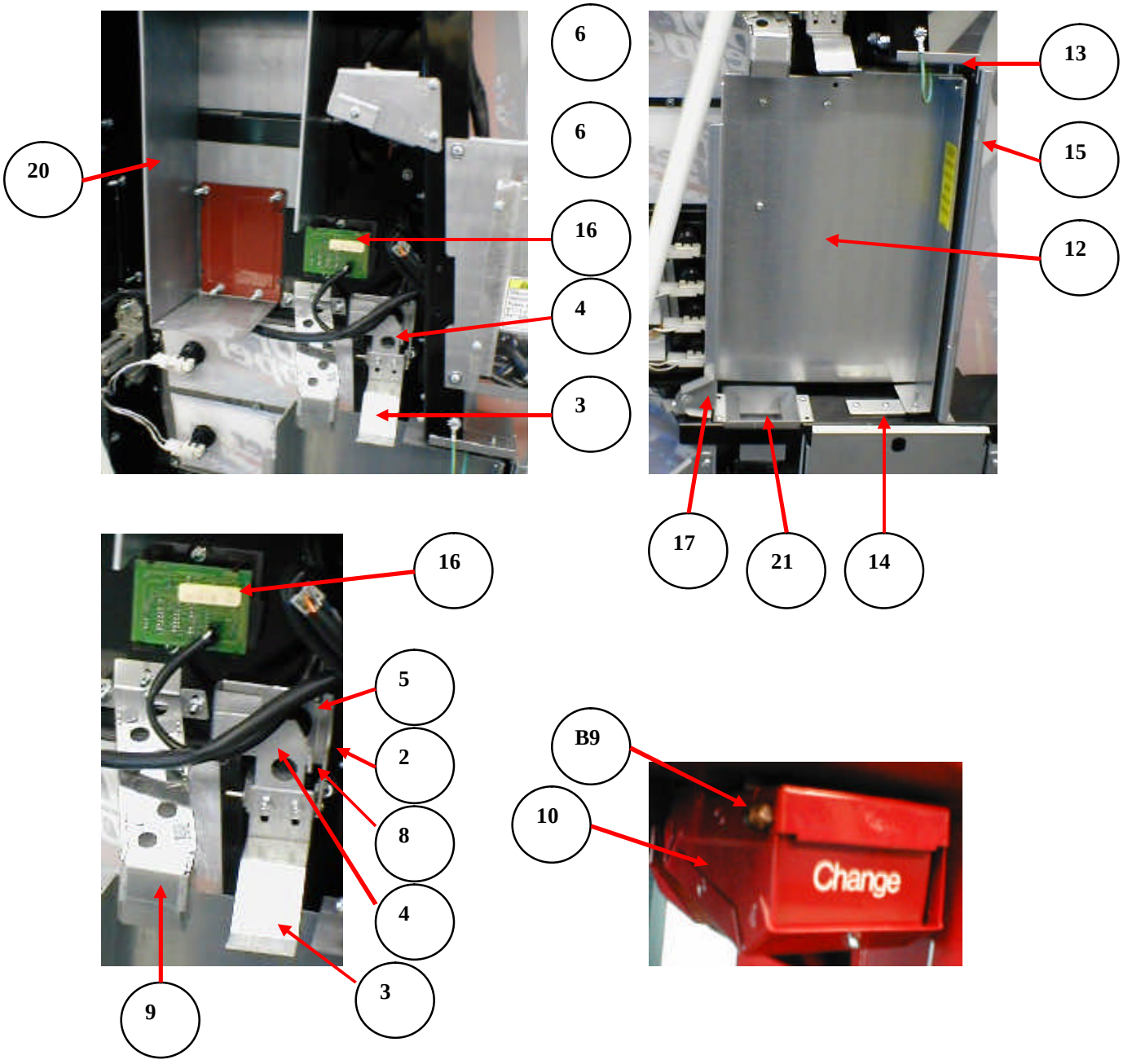
NA = Not Applicable
Part numbers subject to change without notice.

MAIN DOOR INTERIOR (A)

ITEM	PART DESCRIPTION	SBC (501E)
1	Rain Guard Dr. Pepper SL5	164,151,14x.x3
2	"L" Gasket (35")	803,601,12x.x1
3	Cash Box Weld Assembly	634,051,80x.x3
4	Cash Box Shelf Assembly	634,051,90x.x3
5	Protective Plate, Door	165,150,33x.x3
6	Delivery Port	801,816,02x.x1
7	Closure Strip	634,050,87x.x3
8	Light Holder Right Bracket	634,050,71x.x3
9	Lower Light Mounting Bracket	634,050,89x.x3
10	Lamp Socket Door Bracket (6)	432,050,38x.x3
11	Light Bracket, Short (2)	634,050,73x.x3
12	Caterpillar Grommet	801,809,93x.x1
13	Lamp, T8,2' OS#21718	804,700,77x.x1
14	Lamp, T8,4' OS#21720	804,700,76x.x1
15	Ballast, T8 Electronic Advance	804,400,61x.x1
16	Door Stop Bracket	634,050,75x.x3
17	Center Door Stiffener	634,050,08x.x3
18	Port Support Left	634,050,63x.x3
19	Port Support Right	634,050,64x.x3
20	Boot, Lamp Base	802,001,44x.x1
21	Ad Card Retainer, Right	634,050,77x.x3
22	Lower Rain Shield	801,817,83x.x1
23	Wire Plug Cover	631,000,92x.x3
24	Lamp Door Bracket Support	631,001,26x.x1
25	Mech Guard Validator Inner Bracket	634,050,85x.x3
A4	Screw, Phil Pan 8-18-1/2	900,301,50x.x1
A16	Screw, Phil Pan 8-18x1/2	900,301,65x.x1
B2	Hex Nut 1/4 -20	900,800,67x.x1
E2	Carriage Bolt ¼-20x1	900,201,17x.x1
E5	Carriage Bolt ¼-20x3/8	900,201,54x.x1
F5	Pop Rivet, Steel (Zinc Plated) 1/8"	901,100,61x.x1
I7	Clamp, Nylon ½" Heyco 3328	900,901,80x.x1
I9	Wire Tie 7.5"	901,902,01x.x1

NA = Not Applicable
Part numbers subject to change without notice.

MAIN DOOR INTERIOR (B)



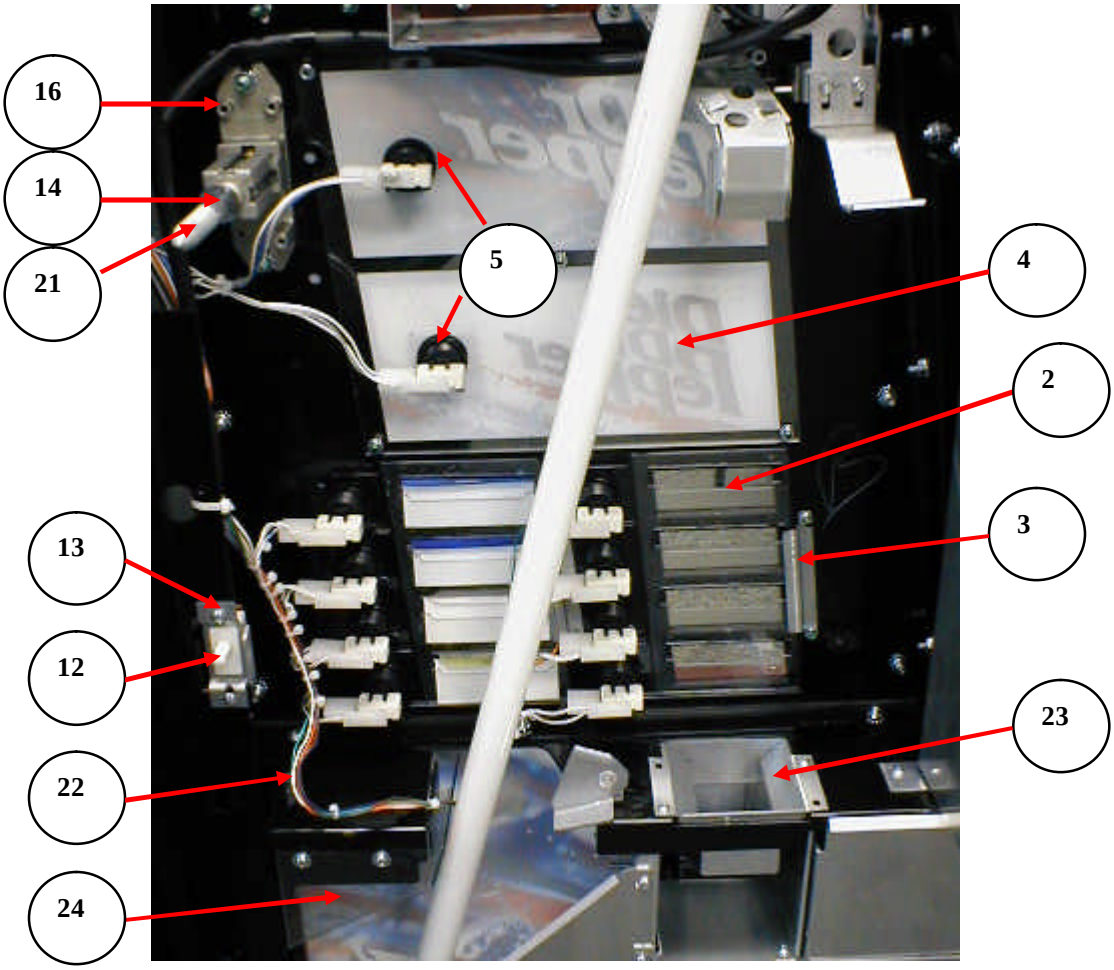
NA = Not Applicable
Part numbers subject to change without notice.

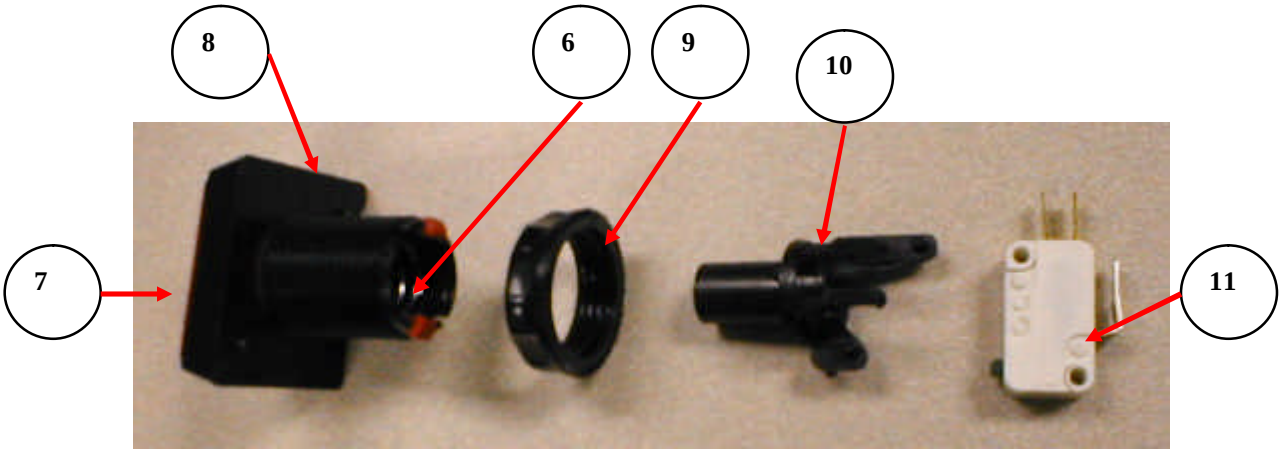
MAIN DOOR INTERIOR (B)

ITEM	PART DESCRIPTION	SBC (501E)
1	Coin Return Assembly	634,051,00x.x3
2	Coin Return Bracket	634,050,24x.x3
3	Coin Return Rocker, Bottom	634,050,33x.x3
4	Coin Return Rocker, Top	634,050,32x.x3
5	Bushing	801,903,75x.x1
6	Roller Pin 5/32x2 3/8	900,502,19x.x1
7	Roller Pin Retainer	900,900,90x.x1
8	Coin Return Spring	901,700,63x.x1
9	Coin Chute Assembly	634,053,60x.x3
10	Coin Cup Return Assy	634,052,60x.x3
11	Assembly Top Coin return Cup	634,052,50x.x3
12	Assembly Access Door	634,051,20x.x3
13	Top Hinge Access Door	634,051,30x.x3
14	Bottom Hinge Access Door	634,051,14x.x3
15	Security Vault Coin Mech	806,100,34x.x1
16	Display Board Assembly	804,914,11x.x1
17	Access Door Latch Assembly	634,053,50x.x3
18	Coin Cup Door Rod	801,401,65x.x1
19	Standoff .192x.312x.312	901,001,46x.x1
20	Mech Guard Validator Inner Bracket	634,050,85x.x3
21	Cash Box Chute Assembly	634,052,40x.x3
A4	Screw, 8-18x1/2 SD Phil Pan	900,301,50x.x1
A11	Screw, 8-32x1/4 Phil Pan	900,301,97x.x1
A16	Screw, Sems 8-18x1/2	900,301,65x.x1
A32	Screw, Hex Washer 8-32x3/8	900,303,08x.x1
B2	Hex nut ¼ 20	900,800,67x.x1
B3	Hex Nut 8-32	900,800,50x.x1
B9	Push Nut, Acorn	900,902,37x.x1
E4	Carriage Bolt, ¼ 20 x ½	900,201,45x.x1
E5	Carriage Bolt, ¼ 20 x 3/8	900,201,54x.x1
F5	Pop Rivet Steel (Zinc Plated) 1/8”	901,100,61x.x1
F7	Pop Rivet Steel (Zinc Plated) 3/16”	901,100,60x.x1
	Washer, Flat	900,701,22x.x1

NA = Not Applicable
Part numbers subject to change without notice.

SELECT PANEL





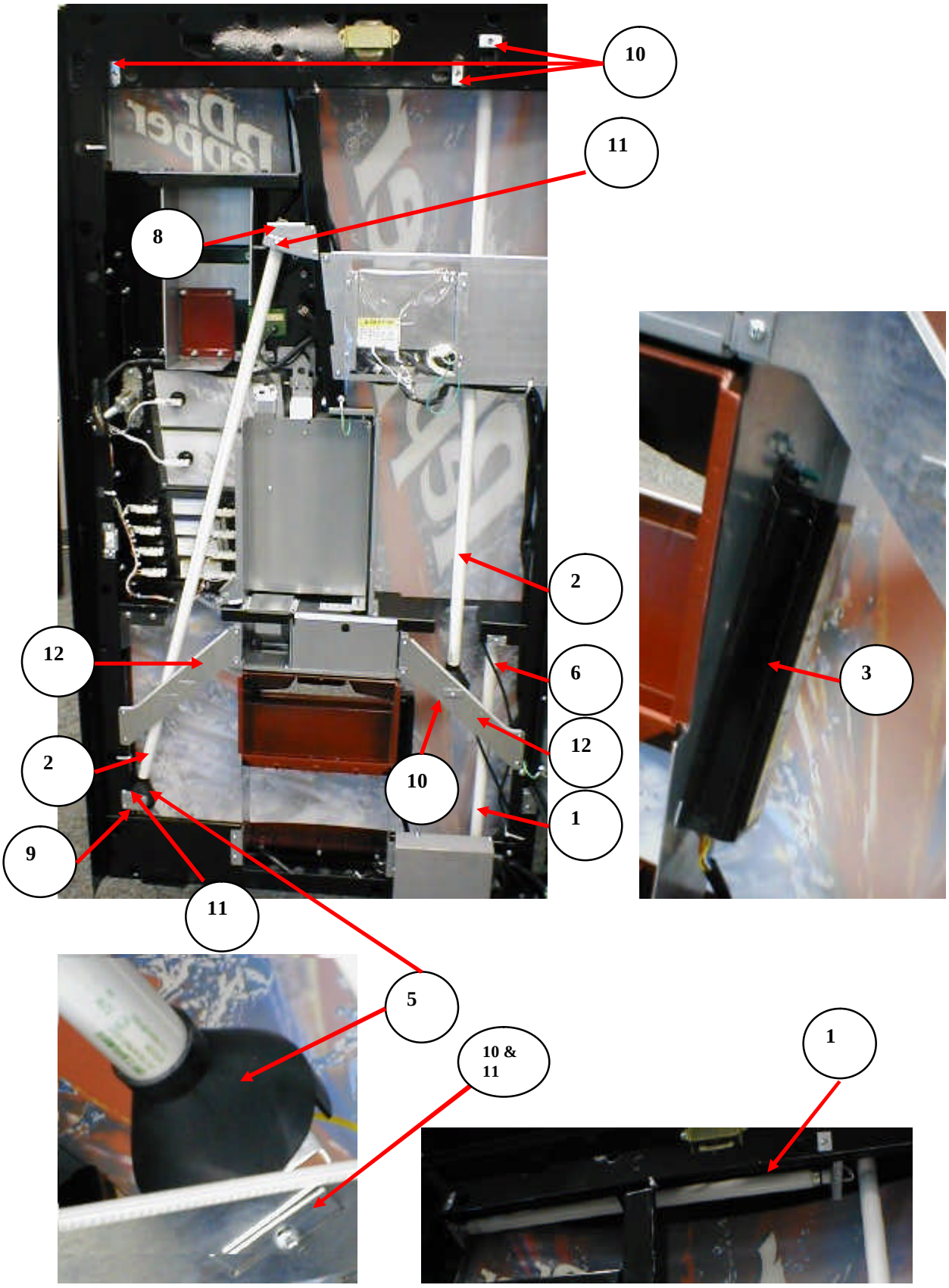
NA = Not Applicable
Part numbers subject to change without notice.

SELECT PANEL

ITEM	PART DESCRIPTION	SBC (501E)
1	Assembly Transaction Coin Insert Select Panel	634,052,10x.x3
2	Assembly Flavor Card	801,816,04x.x1
3	Flavor Card Carrier Retainer	634,050,76x.x3
4	Backup Large Flavor Card Lens	801,904,36x.x1
5	Assy. Select Button	801,809,41x.x1
6	Push Button Spring	901,700,72x.x1
7	Select Button	801,809,35x.x1
8	Select Button Housing	801,809,39x.x1
9	Select Button Nut	801,807,99x.x1
10	Select Switch Holder	801,809,38x.x1
11	Select Switch	804,100,74x.x1
12	Door switch	804,100,77x.x1
13	Door switch bracket	604,051,28x.x3
14	Extended Pop Out T Handle Assembly	801,521,370.01
15	Flush Mount T Handle	801,508,15x.x1
16	Flush Mount T Handle Body	801,508,16x.x1
17	Pin Extended Pop Out Spring	801,518,25x.x1
18	Extended Retaining Ring	801,507,34x.x1
19	Extended Pop Out Adapter	801,518,24x.x1
20	Coiled T Handle Pin	801,518,64x.x1
21	T handle Stud	801,521,38x.x1
22	Door Harness 10 Select DP SL5	804,920,47x.x1
23	Cash Box Chute Assembly	634,052,40x.x3
24	Lower Rain Shield	801,817,83x.x1
B2	Hex Nut ¼-20	900,800,67x.x1
B3	Hex Nut 8-32	900,800,50x.x1
I9	Wire Tie 7 1/2 “	901,902,01x.x1

NA = Not Applicable
Part numbers subject to change without notice.

T8 LIGHTING



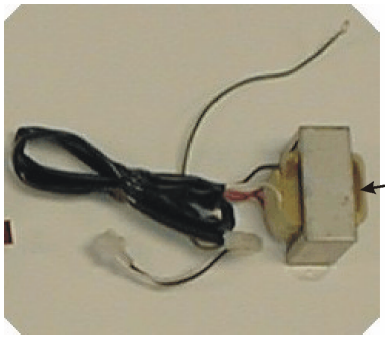
NA = Not Applicable
Part numbers subject to change without notice.

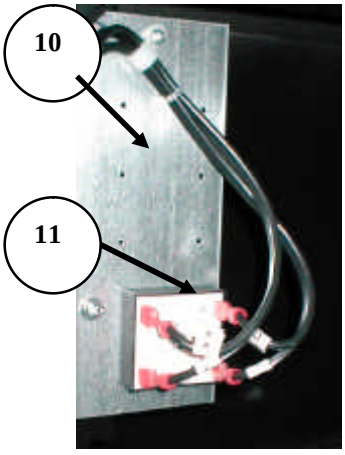
T8 LIGHTING

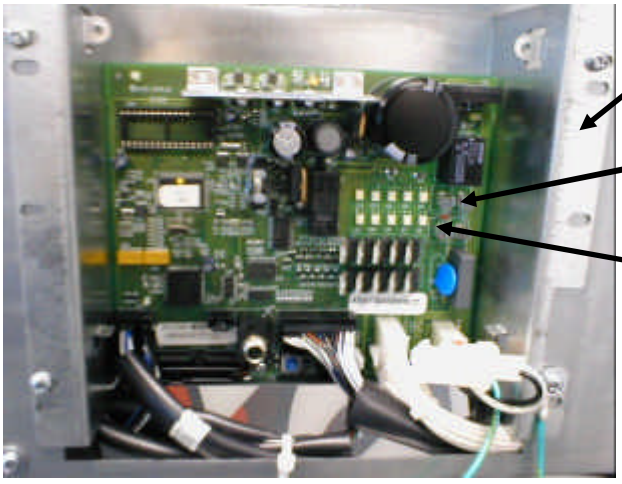
ITEM	PART DESCRIPTION	SBC (501E)
1	Fluorescent Bulb (F17T8 / TL865) 2' (OS#21718)	804,700,77x.x1
2	Fluorescent Bulbs (F32T8 / TL865) 4' (OS#21720)	804,700,76x.x1
3	Ballast T8 (Sylvania)	804,400,59x.x1
3	Ballast T8 (Advance)	804,400,61x.x1
4	4 Lamp T8 Lighting Harness	804,920,61x.x1
5	Fluorescent Lamp Boot	802,001,44x.x1
6	Top Lamp holder T8 Leviton 518	804,918,58x.x1
7	Bottom Lamp holder T8 Leviton 519	804,918,59x.x1
8	Light Holder Right Bracket	634,050,71x.x3
9	Lower Light Mounting Bracket	634,050,89x.x3
10	Lamp Socket Door Bracket (6)	432,050,38x.x3
11	Light Bracket, Short (2)	634,050,73x.x3
12	Lamp Bracket Support	631,001,26x.x3
13	Screw, Phil Pan 8-18x1/2	900,301,50x.x1
A4	Hex Nut ¼-20	900,800,67x.x1
B2	Wire Tie 6"	900,900,27x.x1

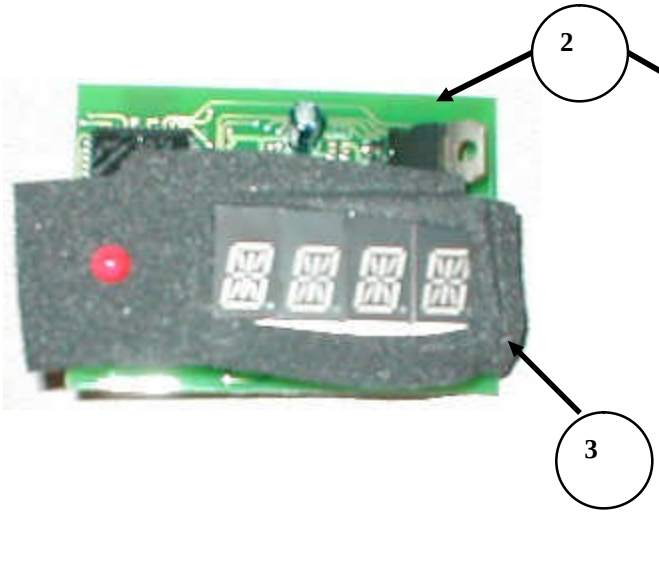
NA = Not Applicable
Part numbers subject to change without notice.

ELECTRONIC COMPONENTS









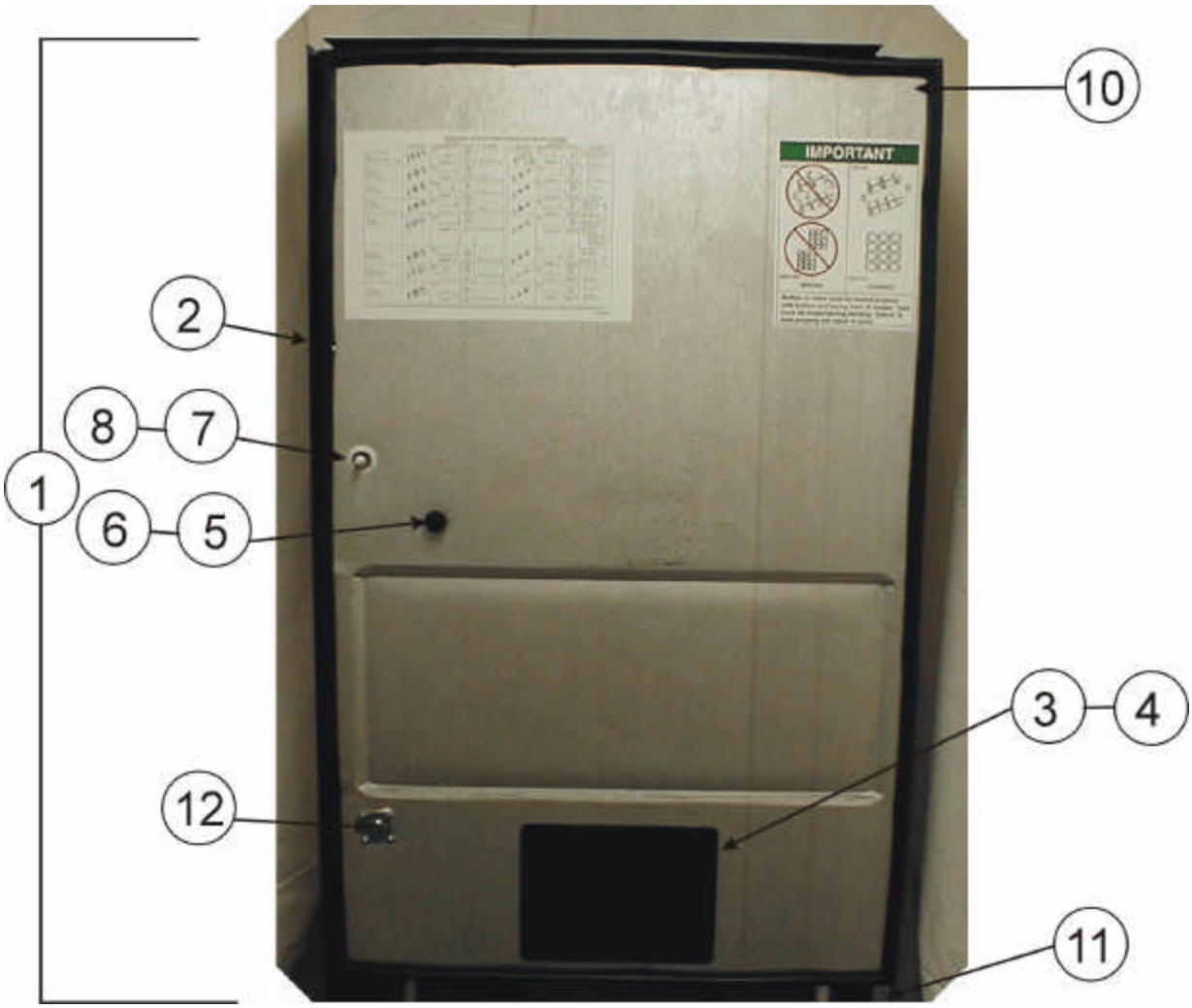
NA = Not Applicable
Part numbers subject to change without notice.

ELECTRONICS COMPONENTS

ITEM	PART DESCRIPTION	SBC (501E)
1	SBC - Control Board	631,053,30x.x3
1A	SBC – Control Board Cover	801,306,16x.x1
1B	Stand offs	801,904,21x.x1
1C	Weather Curtain	801,904,23x.x1
2	Display (14 Segment)	804,914,11x.x1
3	Display Gasket	802,001,29x.x1
4	Display Lens	801,810,67x.x1
5	Display Harness	804,920,66x.x1
6	Transformer	804,912,78x.x1
7	EPROM (must be 240.61 or higher)	804,919,24x.x1
8	Fuse 6 Amp (F2)	804,910,93x.x1
9	Fuse 1.6 Amp (F1)	804,800,71x.x1
10	Choke Assembly	609,157,70x.x3
11	Choke	804,920,41x.x1
A4	Screw, Phil Pan 8-18x1/2	900,301,50x.x1
A36	Screw, Pan Head 6-32x1/4	900,201,86x.x1

NA = Not Applicable
Part numbers subject to change without notice.

INNER DOOR



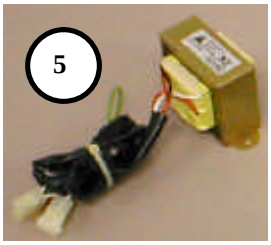
NA = Not Applicable
Part numbers subject to change without notice.

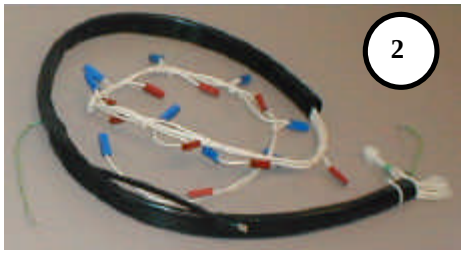
INNER DOOR

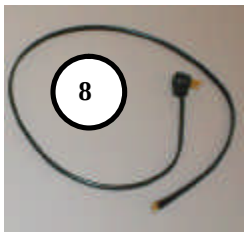
ITEM	PART DESCRIPTION	SBC (501E)
1	Inner Door Assembly	634,052,30x.x3
2	Inner Door Gasket	801,812,30x.x1
3	Discharge Frame Assembly	801,809,16x.x1
4	Discharge Frame Retainer	801,809,15x.x1
5	Pull Knob	901,501,70x.x1
6	Carriage Bolt ¼ - 20 x 1 ¼	900,201,23x.x1
7	Inner Door Bushing	801,806,42x.x1
8	Bushing Retainer	801,806,43x.x1
9	Plastic Bearing	901,803,71x.x1
10	Top Hinge	169,053,00x.x3
11	Bottom Hinge	169,051,10x.x3
12	Inner Door Lock Kit	360,010,30x.x4
A4	Screw, Phil Pan 8-18x1/2	900,301,50x.x1
A15	Screw, Machine Truss 10-32x1/2	900,201,14x.x1
A16	Screw, Phil Pan 8-18x1/2	900,301,65x.x1
B1	Hex Nut 10-32	900,800,65x.x1

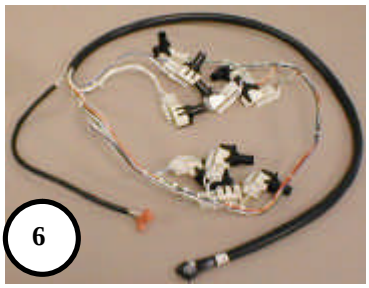
NA = Not Applicable
Part numbers subject to change without notice.

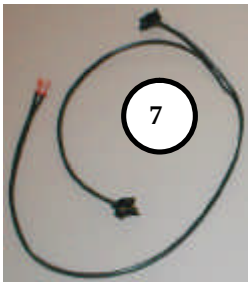
HARNESSING
SBC

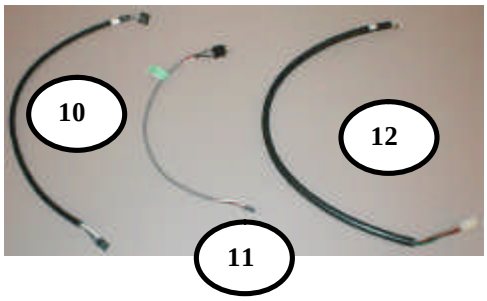


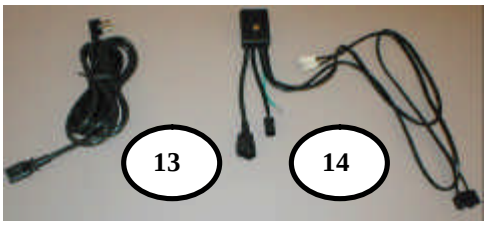


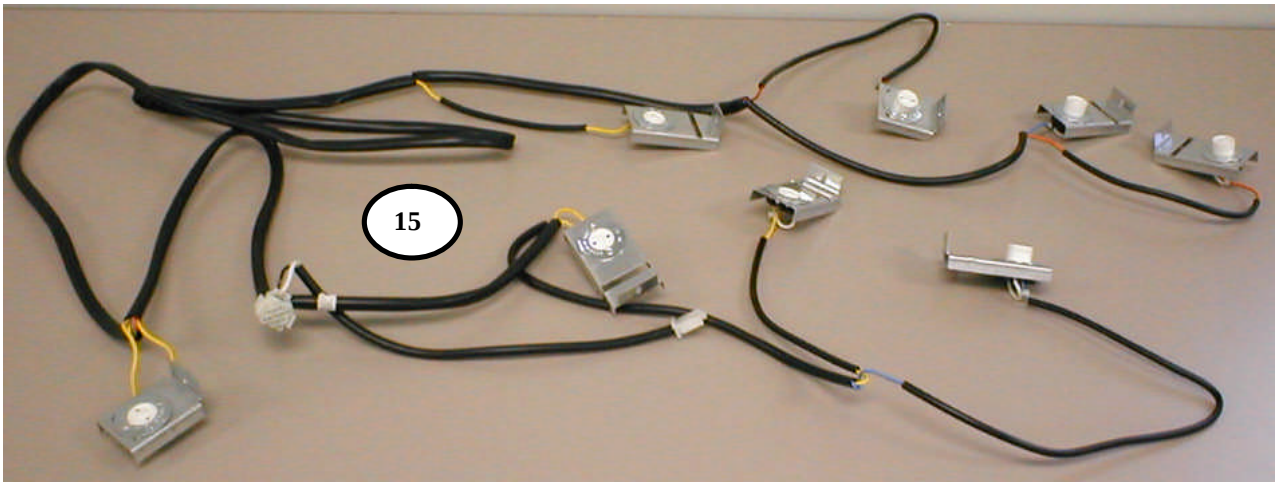








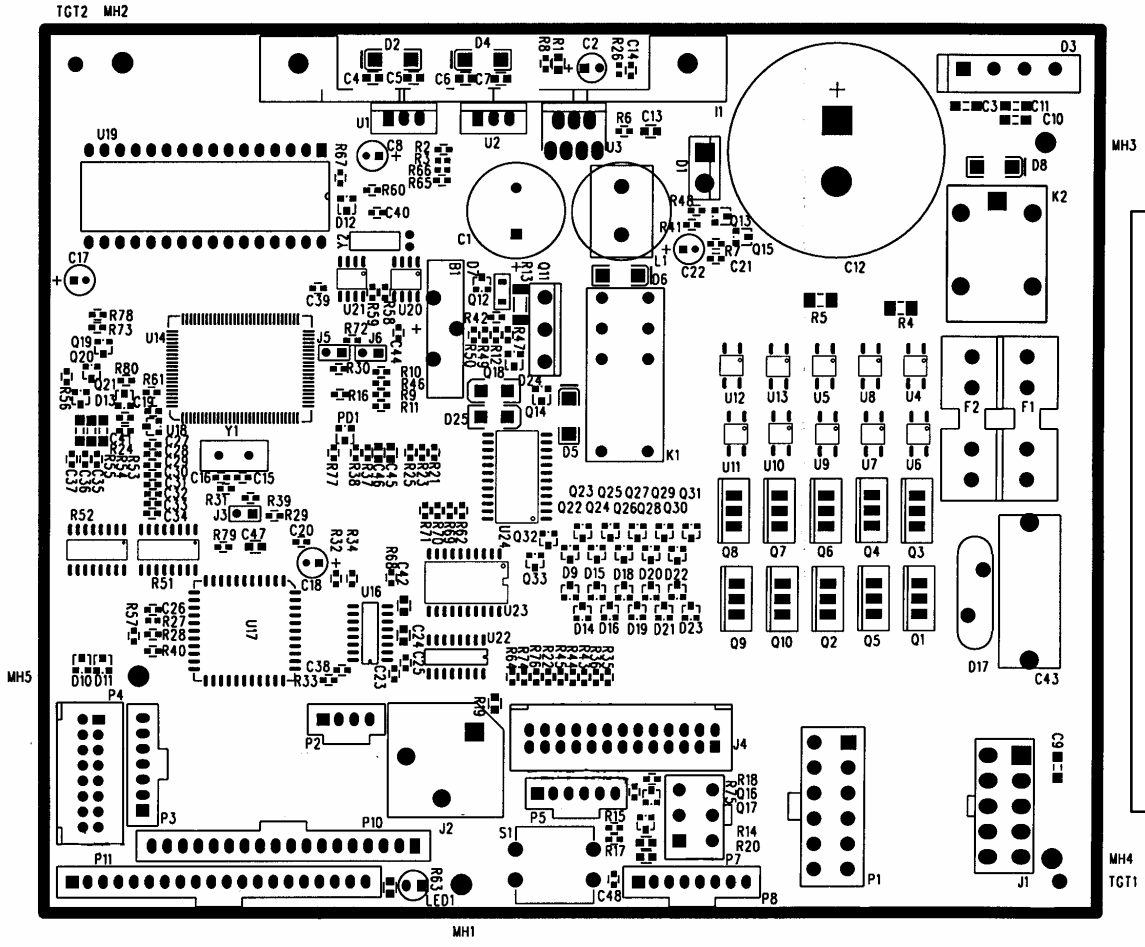




NA = Not Applicable
Part numbers subject to change without notice.

HARNESSING
SBC

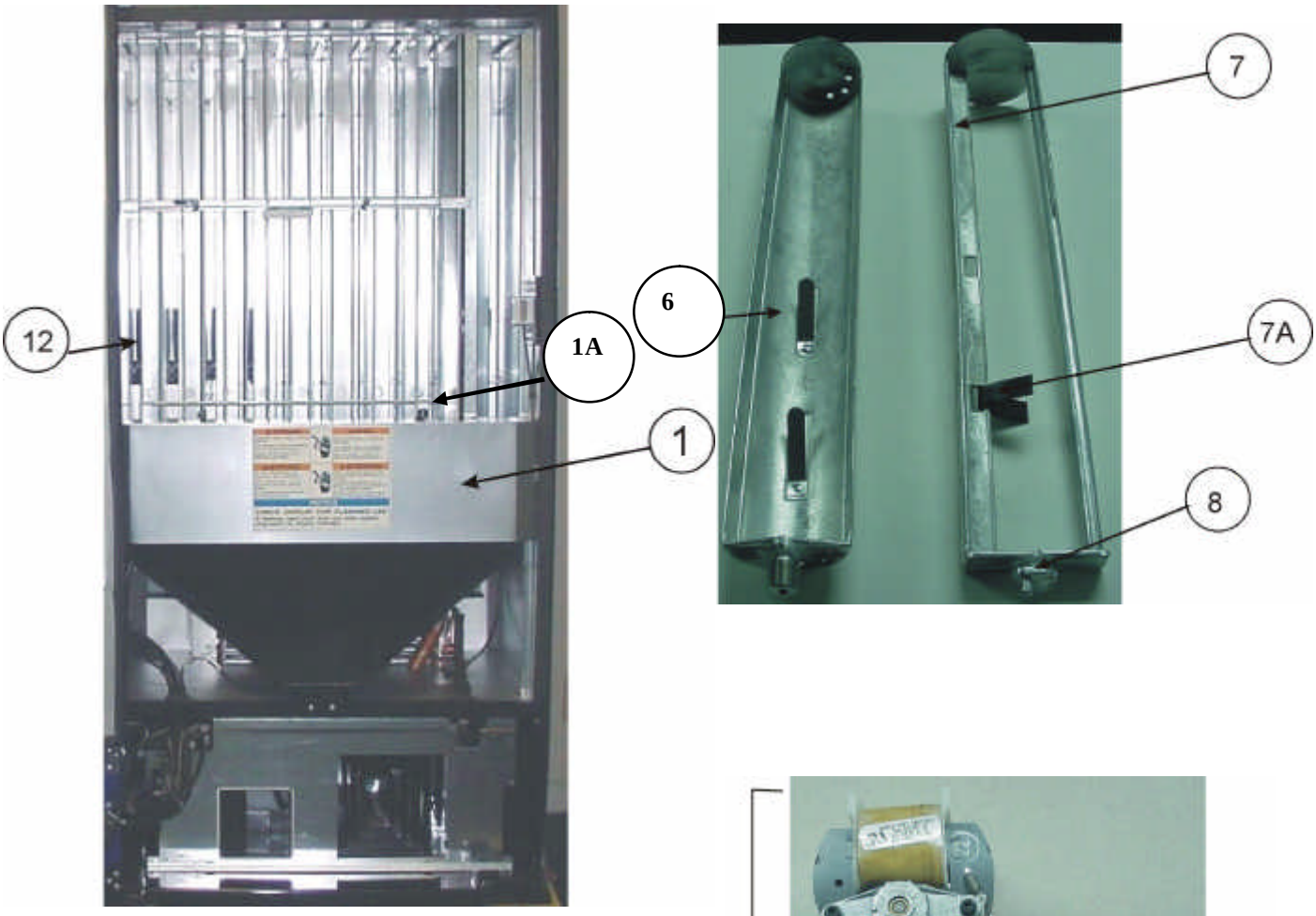
ITEM	PART DESCRIPTION	SBC (501E)
1	Motor Extension Harness, 76" - P1 to motor harness	804,913,95x.x1
2	Motor Harness SBC -9 E – motor extension harness to coil of vend motors	804,912,56x.x1
3	Cabinet Harness SBC -9 E – cabinet extension harness to motor and sold out switches	804,912,57x.x1
4	Cabinet Extension Harness, 80" - J4 to cabinet harness	804,913,96x.x1
5	Board Power Harness (including transformer) J1	804,912,78x.x1
6	Door Harness 10 Select Dr Pepper SL5 – to P4	804,920,47x.x1
7	Evaporator Fan Harness 2 - GE	804,914,35x.x1
8	Compressor Harness Lead	904,900,61x.x1
9	66" DEX Harness (not shown)	804,907,83x.x1
10	Display Harness (P3 to display board)	804,920,66x.x1
11	Secondary DEX Harness 15" – to P2	804,913,97x.x1
12	MDB Harness (P7 to coin mech) 25"	804,920,83x.x1
13	Power Cord, Detachable	804,917,28x.x1
14	Main Wiring Harness, Detachable	804,917,26x.x1
15	T8 Lighting Harness 4 Lamp Dr Pepper SL5	804,920,61x.x1

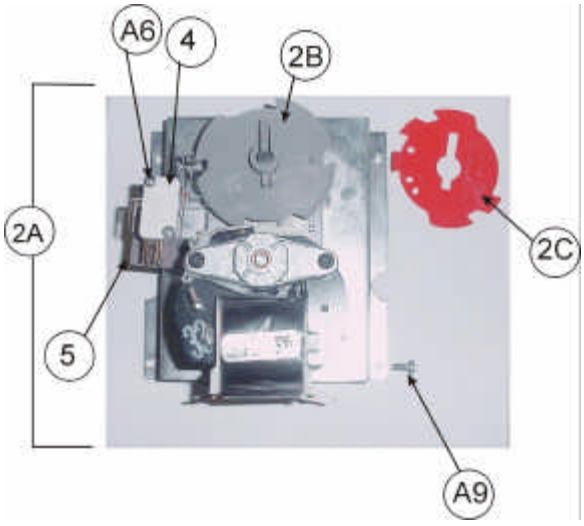


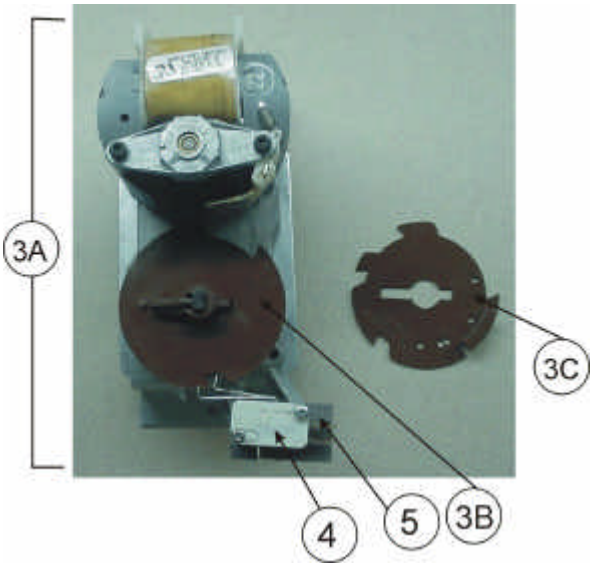
P1 – Motor
P2 – Secondary DEX
P3 – Display
P4 – Select Switch
P5 – not used
P7 – MDB
P8 – not used
P10 – not used
P11 – not used
J1 – AC Power
J2 – DEX
J4 – Cam/Sold Out
B1 – Battery
F1 – 1.6 Amp Fuse
F2 – 6 Amp Fuse
S1 – Service Switch

NA = Not Applicable
Part numbers subject to change without notice.

CABINET AND VEND MECHANISM
(SECTION ONE)







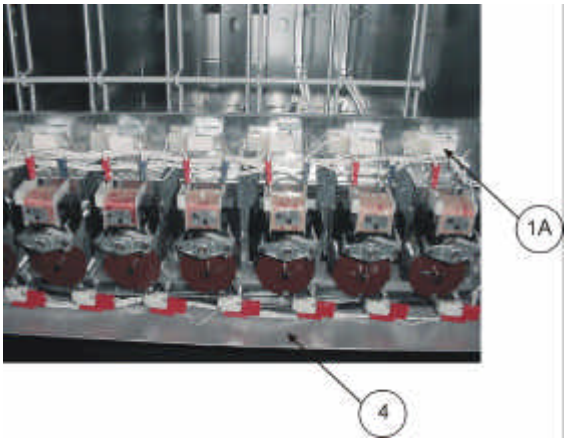
NA = Not Applicable
Part numbers subject to change without notice.

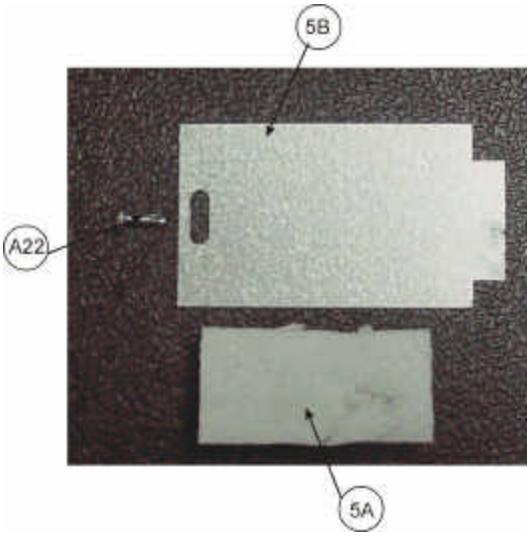
CABINET AND VEND MECHANISM
(SECTION ONE)

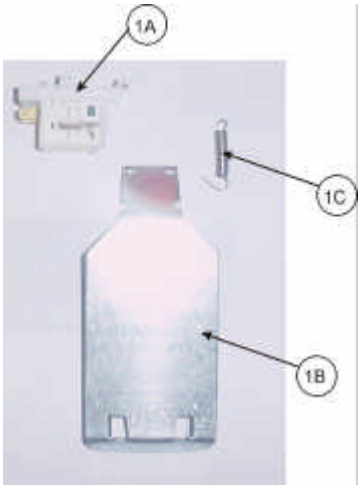
ITEM	DESCRIPTION	SBC (501E)
1	Vend Motor Cover Assy.	609,070,43x.x3
1A	Clamp Nylon Cable ¾" (2) not shown	901,900,55x.x1
2A	Vend Motor Assy., Wide (Electronic)	609,070,70x.x3
2B	Vend Cam, Wide Column Grey	801,809,80x.x1
2C	Adjustable Cam, Wide Column Red	801,809,79x.x1
2D	Drive Arm, Zinc	801,200,95x.x1
2E	Linkage Arm Assembly	801,201,59x.x1
2F	Nylon Spacer	801,902,48x.x1
2G	Groove Pin, 1/8x1 3/16 – T2	900,901,94x.x1
3A	Vend Motor Assy., Narrow (Electronic)	609,070,90x.x3
3B	Vend Cam, Narrow Column Brown	801,806,18x.x1
3C	Adjustable Cam, Narrow Column Brown	801,806,61x.x1
4	Vend Motor Switch Electronic	804,100,73x.x1
5	Vend Motor Switch Insulator	905,800,33x.x1
6	Vend Rotor - Narrow Column	801,201,56x.x1
7	Vend Oscillator - Wide Column	801,201,57x.x1
7A	Package Retainer - Oscillator	801,807,87x.x1
8	Nyliner Front Wide Column Only (#8L2-FF) Rear All Columns	 901,804,23x.x1 901,803,17x.x1
9	Rod and Spring Assembly	800,503,00x.x1
10	Tubes for Rod and Spring Assy. Red Yellow White Black	 801,903,23x.x1 801,903,25x.x1 801,903,24x.x1 801,904,04x.x1
11	Vend Motor Cover Trim	801,807,85x.x1
12	Assembly Rodent Guard	594,041,40x.x3
A5	Screw, Phil Pan 8-32x1/4	900,301,97x.x1
A6	Screw, Vend Motor #4-24x3/4 (single switch)	900,300,47xx.1
A9	Screw, Phil Pan 8-32x3/8	900,301,56x.x1
A17	Screw, Hex ¼-20x5/8	900,302,01x.x1
A27	Screw, Sems 8-32x1/2	800,303,18x.x1
A32	Screw, Hex with Washer 8-32x3/8	900,303,08x.x1
F5	Pop Rivet, Steel (Zinc Plated) 1/8"	901,100,61x.x1
F7	Pop Rivet, Steel (Zinc Plated) 3/16"	901,100,60x.x1

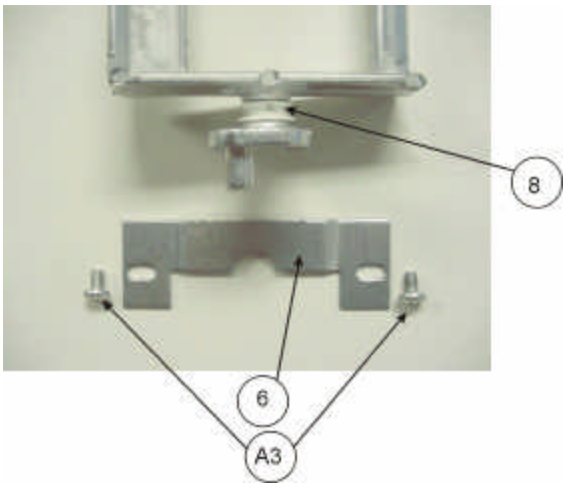
NA = Not Applicable
Part numbers subject to change without notice.

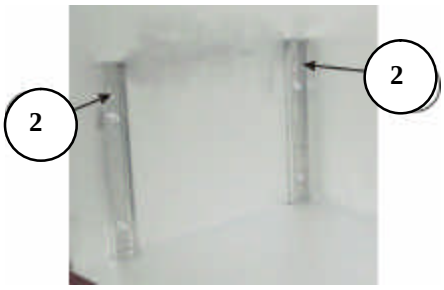
CABINET AND VEND MECHANISM
(SECTION TWO)

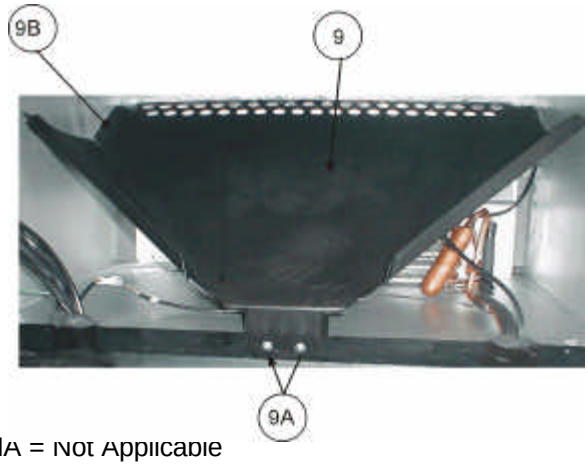


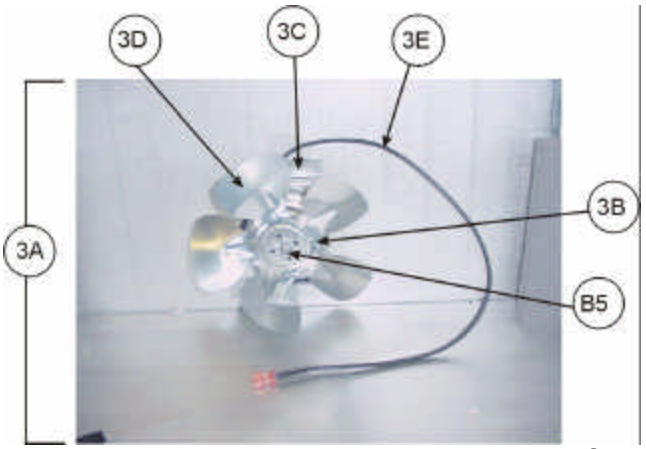












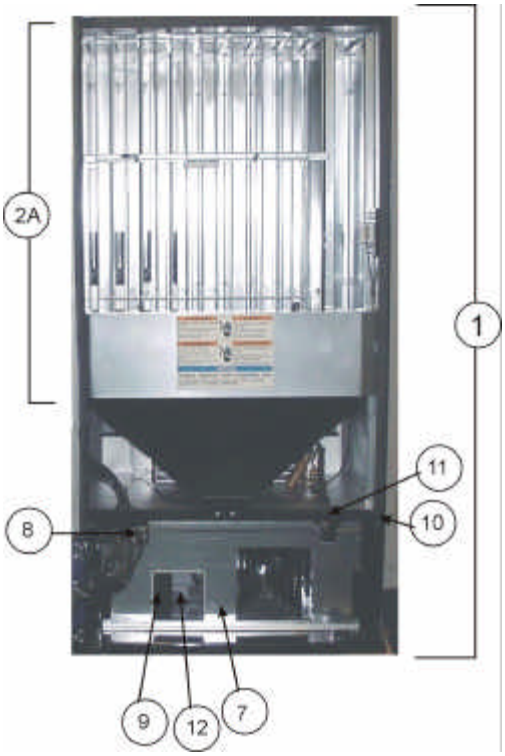
NA = Not Applicable
Part numbers subject to change without notice.

CABINET AND VEND MECHANISM
(SECTION TWO)

ITEM	DESCRIPTION	SBC (501E)
1A	Sold-Out Switch Assy. Electronic (w/ gold cross point) - Xenoy 1731	804,100,75x.x1
1B	Sold-Out Paddle	
	Standard Emodel (shown)	432,070,19x.x3
	Special Use Only - E-Models	609,070,19x.x3
	Narrow - Special Use Only E-Models	432,070,17x.x3
1C	Sold-Out Paddle Spring	901,700,74x.x1
2	Mechanism Support (shown)	497,070,01x.x3
3A	Evaporator Fan Motor Assy.	
	115V	609,044,30x.x3
3B	Evaporator Fan Motor	
	115V	804,501,12x.x1
3C	Evaporator Fan Motor Bracket	164,040,08x.x3
3D	Evaporator Fan Blade All Styles (AD775CW32S or FV775CW30S)	801,303,27x.x1
3E	Evaporator Fan Harness	804,914,35x.x1
3F	Choke Assembly	609,157,70x.x3
3G	Choke	804,920,41x.x1
4	Wire Shield	267,070,37x.x3
5A	Foam Block, EPS	903,300,77x.x1
5B	Hinge Pocket Cover	169,000,13x.x3
6	Journal	176,072,11x.x3
7	Shims	
	Flat Shim 3/32" Waffle (wide column)	801,812,04x.x1
	Short Flat Shim 3/32" (wide column)	801,809,81x.x1
	Can Stop Shim, Right (narrow column - replaced 609,070,14x.x3)	805,701,14x.x1
	Bottle Shim, Right (narrow column - replaced 609,070,15x.x3)	805,701,15x.x1
	Bottle Shim, Right Exposed Stiffener (narrow column - replaced 609,070,35x.x3)	801,304,96x.x1
	Angle Shim (wide column)	610,070,06x.x3
	Angle Shim (narrow column)	609,010,10x.x3
	Rotor Shim 330 ml x 4	801,305,21x.x1
	Shim 330 ml x 4 Can, Narrow Column	609,070,53x.x3
	Can Stop Shim, 330 ml (3 deep)	609,070,71x.x3
	Shim 25 cl x 4 Can, Narrow Column	609,070,56x.x3
	Bottom Shim, Exposed Stiffener Extended Lip	609,070,65x.x3
	Flat Shim 3/32 Large Product	801,811,05x.x1
	Shim Back	609,071,02x.x3
	Can Stop Shim Long Lip	609,070,64x.x3
8	Nyliner	
	Front, Wide Column Only (#8L2-FF)	901,804,23x.x1
	Rear, All Columns	901,803,17x.x1
9	Chute, Can/Bottle Plastic - replaced 609,075,30x.x3	609,077,80x.x3
9A	Screw, 8-32x1/2 Sems Phil Pan	900,303,09x.x1
9B	Strip, Poly Foam 34” (under chute)	803,301,30x.x1
A3	Screw, Phil Pan 10-32x5/16"	900,301,83x.x1
B5	Speed Nut (evaporator fan & condenser fan)	900,800,85x.x1

NA = Not Applicable
Part numbers subject to change without notice.

CABINET AND VEND MECHANISM
(SECTION THREE)



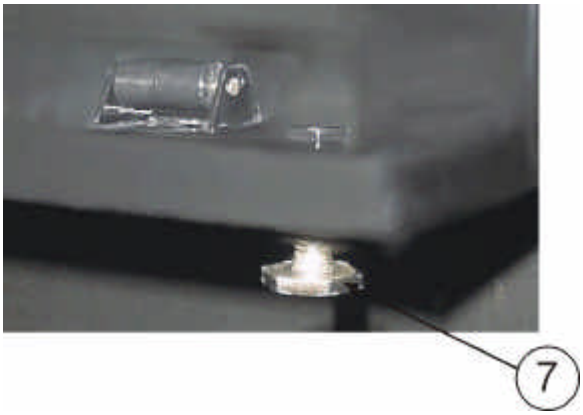
NA = Not Applicable
Part numbers subject to change without notice.

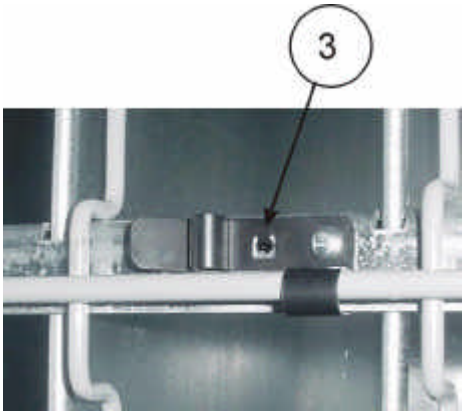
CABINET AND VEND MECHANISM
(SECTION THREE)

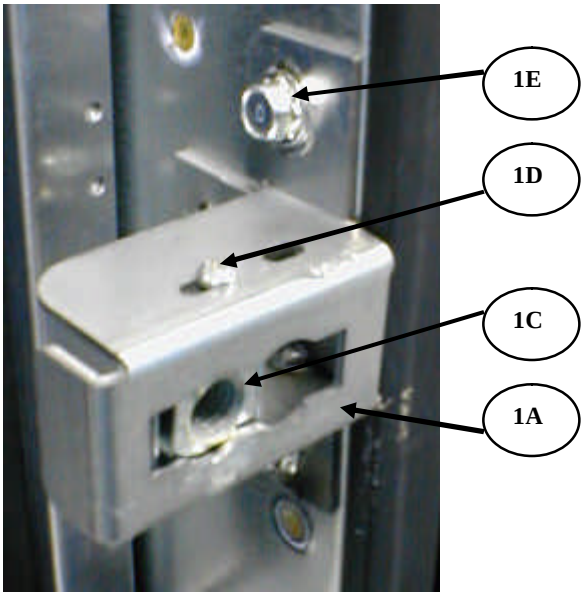
ITEM	DESCRIPTION	SBC (501E)
1	Foam Cabinet Assembly	609,060,20x.x3
2A	Stack Assy.	
	12 oz. Cans	609,071,20x.x3
	20 oz. Bottles	609,071,50x.x3
2B	Stack Sub Assy. (Not Shown)	609,071,10x.x3
3A	Rear Spacer Assy. Wide Column	498,071,30x.x3
3B	Rear Spacer Assy. Narrow Column	498,071,40x.x3
3C	Latch Spring	
	Wide	901,700,88x.x1
	Narrow	901,700,86x.x1
4A	Plate, Protective LS Ext. Hinge (Specify Color)	594,020,14x.x3
4B	Plate, Protective RT Cab (Specify Color)	165,000,04x.x3
7	Cabinet Front Stiffener Plate	594,021,10x.x3
8	Trim Access Hole Stiffener	801,807,10x.x1
9	Caterpillar Grommet	801,809,93x.x1
10	Mullion	801,806,23x.x1
11	Mullion Cover	801,303,83x.x1
12	Kydex Door (not shown)	801,903,34x.x1
13	Choke Assembly	609,157,70x.x3
14	Breaker Strip Right	492,020,04x.x3
15	Breaker Strip Left	492,020,05x.x3
16	Breaker Strip Top	491,020,17x.x3
A3	Screw, Phil Pan 10-32x5/16	900,301,83x.x1
A4	Screw, Phil Pan 8-18x1/2	900,301,50x.x1
A5	Screw, Phil Pan Swage Form #8-32x1/4"	900,301,97x.x1
A9	Screw, Phil Pan 8-32x3/8	900,301,56x.x1
A10	Screw, Machine #6-32x1 1/4"	900,201,31x.x1
A14	Screw, Phil Pan 10-32x1 ¼	900,301,81x.x1
A16	Screw, Phil Pan Sems 8-18x1/2"	900,301,65x.x1
A17	Screw, Type F 1/4-20x5/8 (Stack Bolts)	900,302,01x.x1
A19	Screw, Phil Pan 10-32x5/8	900,901,51x.x1
A21	Screw, Phil Pan 8-18x1/2	900,301,98x.x1
A26	Screw, Phil Pan 8-18x3/4	800,303,15x.x1
B2	Hex Nut 1/4"-20	900,800,67x.x1
C6	Lockwasher, Shakeproof 5/8" (1132-00-00-0551)	900,700,89x.x1
C8	Washer, Shakeproof (4610-16-01-0551)	900,700,62x.x1
E9	Carriage Bolt 1/4-20x5/8	800,303,19x.x1
F1	Pop Rivet, Aluminium 1/4"	901,100,43x.x1
F5	Pop Rivet, Steel (Zinc Plated) 1/8"	901,100,61x.x1
F6	Pop Rivet, Multi-grip Blind 1/8"	901,100,53x.x1
F7	Pop Rivet, Steel (Zinc Plated) 3/16"	901,100,60x.x1
H2	Tinnerman Clip, Fan Shroud (C5207-014-3B)	900,901,89x.x1
H7	Hole Plug, Snap In - 1 ¼	801,807,01x.x1
I5	Clamp, 1" Heyco 3390	901,901,89x.x1
I6	Clamp, Nylon 5/16 White Heyco 3555 or Dennison 10159	800,902,51x.x1
I7	Clamp, Nylon 1/2" Heyco 3328	900,901,80x.x1

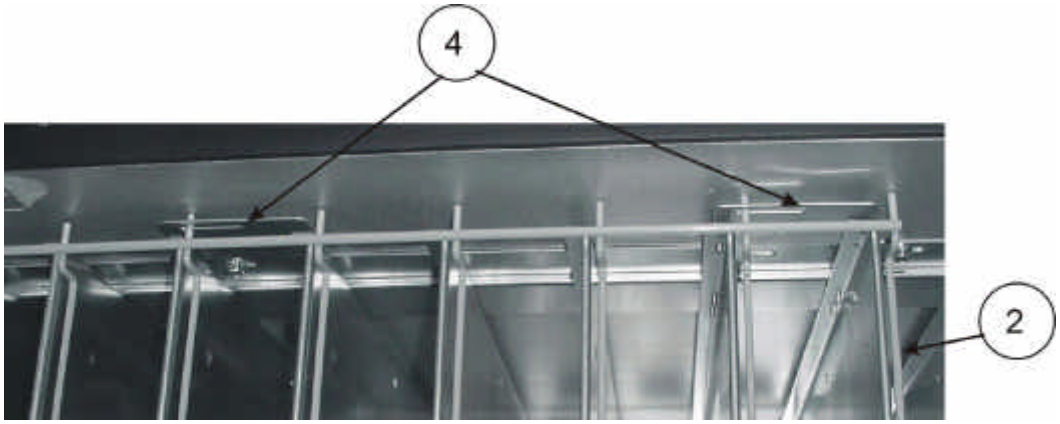
NA = Not Applicable
Part numbers subject to change without notice.

CABINET INTERIOR









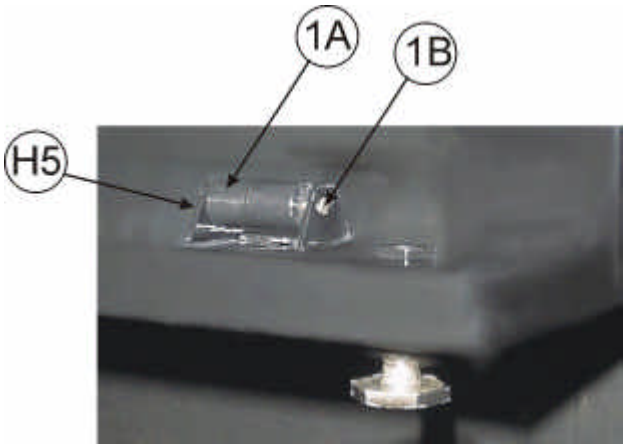
NA = Not Applicable
Part numbers subject to change without notice.

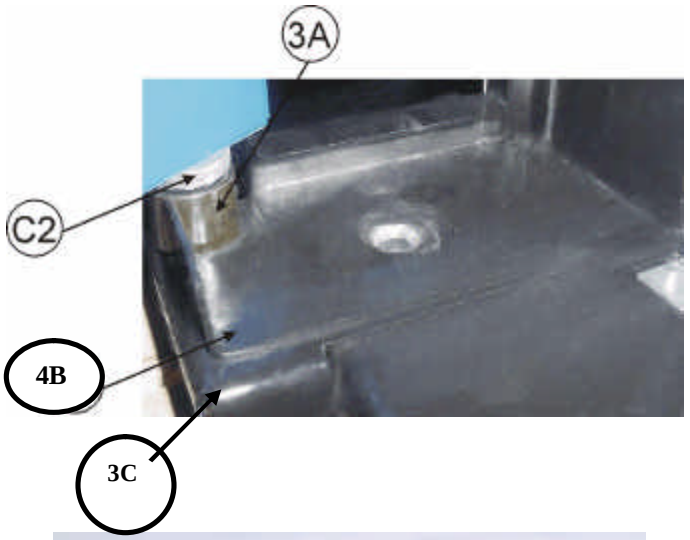
CABINET INTERIOR

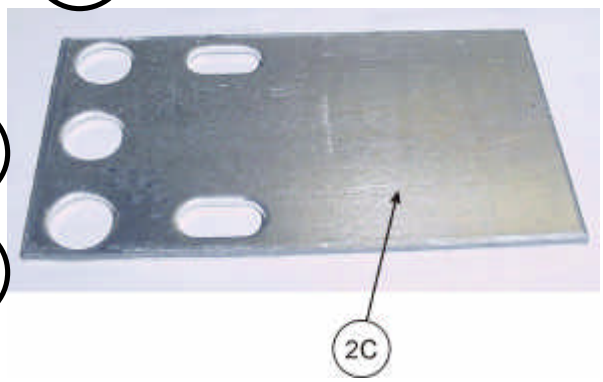
ITEM	DESCRIPTION	SBC (501E)
1	Nut Retainer Housing Assembly	432,052,50x.x4
1A	Nut Retainer Housing	432,050,73x.x3
1B	Traditional Cage Nut	801,303,85x.x1
1C	HS Square Nut	900,801,06x.x1
1D	Screw, Phil Pan 8 – 32 X 1/4	900,301,97x.x1
1E	Screw, Sems Type F ¼ - 20 X 5/8	900,302,01x.x1
2	Gate, Wire	801,401,72x.x1
3	Wire Gate Latch Lock & Guide	801,401,77x.x1
4	Wire Gate Bracket Top	609,070,36x.x3
5	Label - Close Gate	805,029,45x.x1
6	Clamp, Nylon Cable 1/2" Heyco 3328 (Not Shown)	900,901,80x.x1
7	Leveling Leg 5/8"-11x2 1/16"	900,502,49x.x1
8	Mounting Bracket, Rear (Not Shown)	609,070,24x.x3
A4	Screw, Phil Pan 8-18x1/2	900,301,50x.x1
A5	Screw, Phil Pan Swage Form #8-32x1/4"	900,301,97x.x1
A9	Screw, Phil Pan 8-32x3/8	900,301,56x.x1
A10	Screw, Machine #6-32x1 1/4"	900,201,31x.x1
A14	Screw, Phil Pan 10-32x1 1/4	900,301,81x.x1
A16	Screw, Phil Pan Sems 8-18x1/2"	900,301,65x.x1
A17	Screw, Type F 1/4-20x5/8 (Stack Bolts)	900,302,01x.x1
A19	Screw, Phil Pan 10-32x5/8	900,901,51x.x1
A21	Screw, Phil Pan 8-18x1/2	900,301,98x.x1
A26	Screw, Phil Pan 8-18x3/4	800,303,15x.x1
B2	Hex Nut 1/4"-20	900,800,67x.x1
C6	Lockwasher, Shakeproof 5/8" (1132-00-00-0551)	900,700,89x.x1
C8	Washer, Shakeproof (4610-16-01-0551)	900,700,62x.x1
E9	Carriage Bolt 1/4-20x5/8	800,303,19x.x1
F1	Pop Rivet, Aluminium 1/4"	901,100,43x.x1
F5	Pop Rivet, Steel (Zinc Plated) 1/8"	901,100,61x.x1
F6	Pop Rivet, Multi-grip Blind 1/8"	901,100,53x.x1
H2	Tinnerman Clip, Fan Shroud (C5207-014-3B)	900,901,89x.x1
H7	Hole Plug, Snap In - 1 1/4	801,807,01x.x1
I6	Clamp, Nylon 5/16 White Heyco 3555 or Dennison 10159	800,902,51x.x1
I7	Clamp, Nylon 1/2" Heyco 3328	900,901,80x.x1
I10	Wire Tie 4”	901,901,00x.x1
	Clamp, Nylon 3/8”	900,902,43x.x1

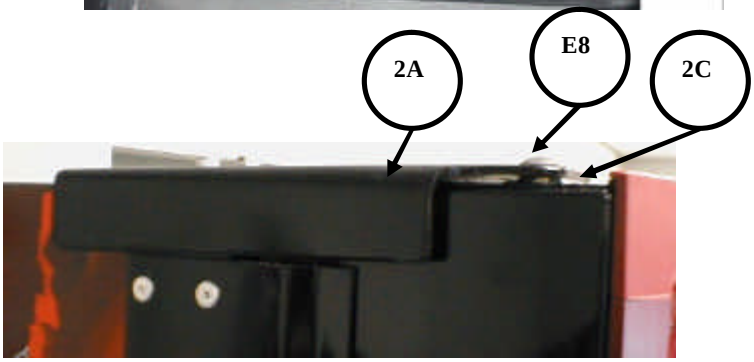
NA = Not Applicable
Part numbers subject to change without notice.

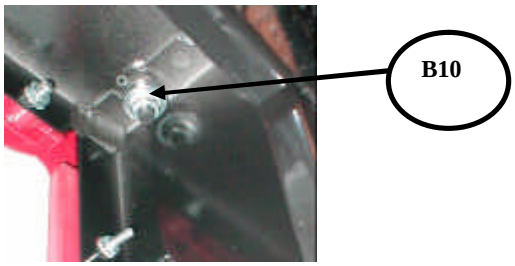
HINGES AND ROLLER ASSY.

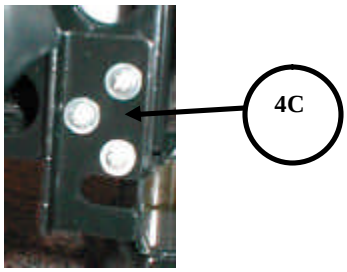


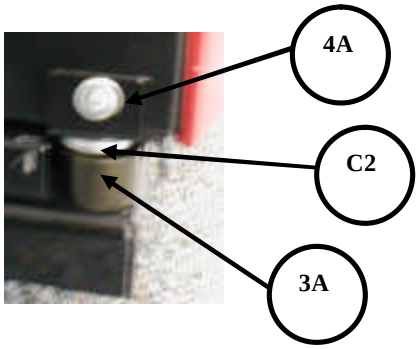












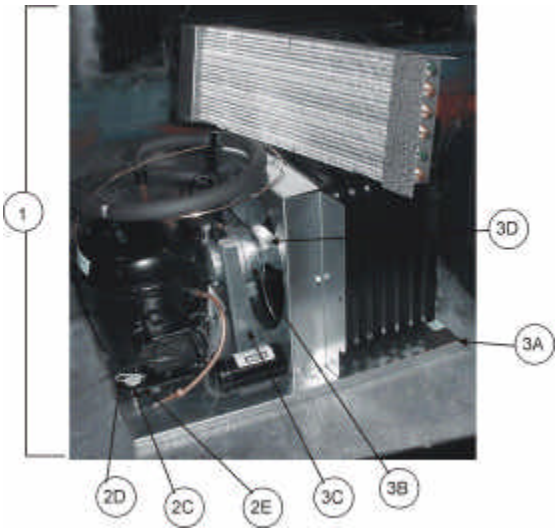
NA = Not Applicable
Part numbers subject to change without notice.

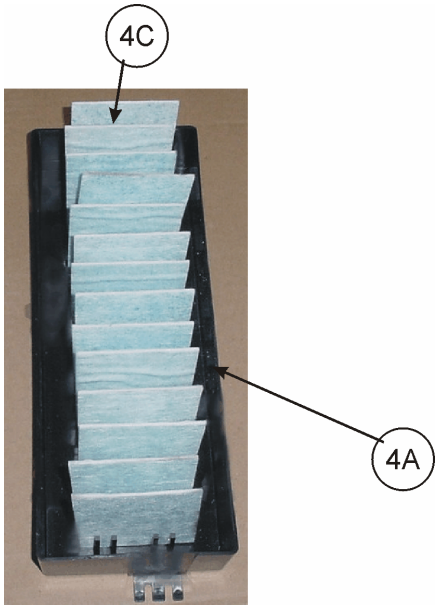
HINGES AND ROLLER ASSY.

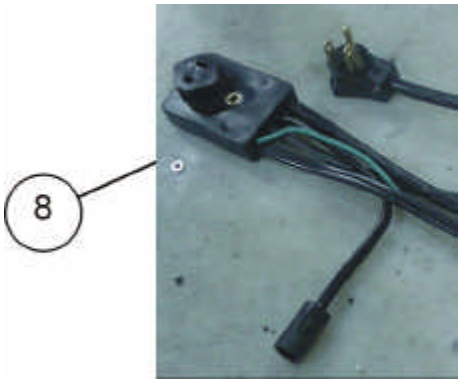
ITEM	DESCRIPTION	SBC (501E)
1A	Roller, Main Door	901,806,20x.x1
1B	Roller Pin (5/32 x 2 3/8)	900,502,19x.x1
2A	Assy., Top Hinge (drop in pin) E-Models	609,051,40x.x3
2B	Top Hinge (drop in pin) E-Models	631,051,09x.x3
2C	Top Hinge Spacer	169,000,15x.x3
2D	Bearing Sleeve Top Hinge	805,300,42x.x1
3A	Bottom Hinge Sleeve	900,502,64x.x1
3B	Bottom Hinge Pin	900,502,70x.x1
3C	Bottom Hinge Cabinet	801,305,07x.x1
4A	Door Stop	634,050,75x.x3
4B	Door Stop Mounting Bracket	592,051,19x.x3
4C	Base Door Stop Plate	592,051,18x.x3
A9	Screw, Phil Pan Swage Form #8-32x3/8"	900,301,56x.x1
A15	Screw, Machine Truss #10-32x1/2"	900,201,14x.x1
A17	Screw, Self Tapping 1/4-20x5/8"	900,302,01x.x1
	Screw, Tap Hex Sems ¼-20x1	900,301,73x.x1
B2	Hex Nut, 1/4-20	900,800,67x.x1
B4	Hex Nut, Top Door Hinge 3/8-16	900,800,69x.x1
B10	Hex Nut, 5/16-18 Center w/Flange (top hinge - drop in)	900,801,02x.x1
C2	Flat Washer Door Hinge (Bottom)	901,303,77x.x1
C10	Washer, Flat 18 Gauge	900,700,83x.x1
C11	Flat Washer, 14 Gauge 5/16"-3/8"x7/8"	900,700,08x.x1
E2	Carriage Bolt, 1/4-20x1 (Top Hinge)	900,201,17x.x1
E3	Carriage Bolt, 1/4-20x1 1/4 (top hinge)	900,201,23x.x1
E5	Carriage Bolt, 1/4-20x3/8	900,201,54x.x1
E6	Carriage Bolt 1/4-20x3/4"	900,201,56x.x1
E8	Carriage Bolt, 5/16-18 x 1 1/4 (top hinge - drop in)	900,201,85x.x1
E9	Carriage Bolt, 1/4-20x5/8"	800,303,19x.x1
H5	Retainer, Roller Pin	900,900,90x.x1

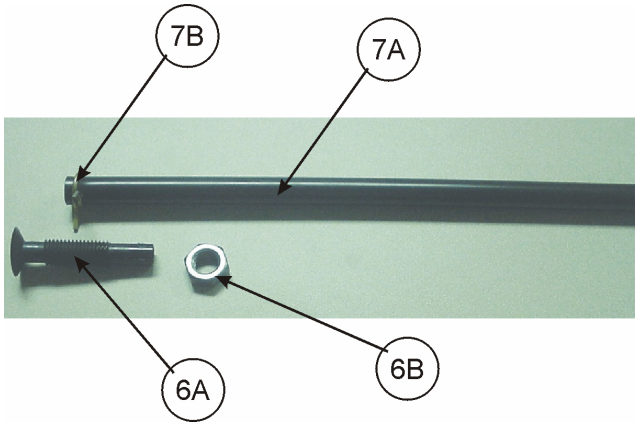
NA = Not Applicable
Part numbers subject to change without notice.

REFRIGERATION SYSTEM
(SECTION ONE)









NA = Not Applicable
Part numbers subject to change without notice.

REFRIGERATION SYSTEM
(SECTION ONE)

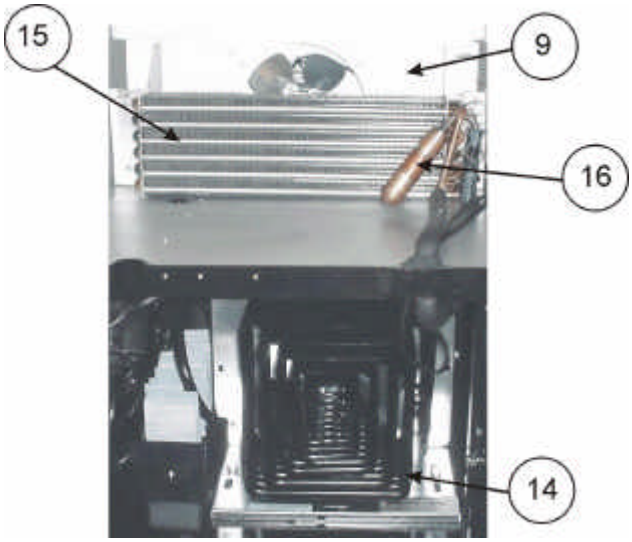
ITEM	DESCRIPTION	SBC (501E)
1	Complete Refrigeration System	
	*Domestic 1203ft C-E 115/60 prior to 0401-6917	609,046,20x.x4
	*Domestic 3001 C-E 115/60 0401-6917 & higher	609,047,10x.x4
2A	Compressor	
	*FFI12HBX 115/60 1/3 HP (for 1203ft & 3001)	802,501,74x.x1
2B	Compressor Lead Harness (Not Shown)	
	115/60 (1202CB-E)	904,900,61x.x1
2C	Compressor Mounting Grommet (Black)	902,000,57x.x1
2D	Compressor Mounting Clip	900,901,88x.x1
2E	Compresser Grommet Plut, Plastic	901,803,91x.x1
3A	*Condenser Base Plate for 1203	491,040,25x.x3
	*Condenser Base Plate for 3001	639,040,02x.x3
3B	Condenser Fan Moto Assy.	
	*115/60 for 1203	491,040,20x.x3
	*115/60 for 3001	804,501,22x.x1
3C	Condenser Fan Motor Bracket (“A” Frame)	
	*115/60 for 1203	804,500,67x.x1
	*115/60 for 3001	801,306,63x.x1
3D	Condenser Fan Blade	
	*All Styles FY870CW25S for 1203	800,103,37x.x2
	*All Styles FV900CW30S for 3001	801,306,65x.x1
4A	Drain Pan Assy. w/ Fiberglass Soakers	805,800,71x.x1
4B	Drain Pan, Plastic w/ Fingers (Not Shown)	801,804,24x.x1
4C	Soakers, Fiberglass (14 required)	905,800,69x.x1
5	Ingress Guard	594,041,40x.x3
6A	Drain Tube, Nylon	801,806,05x.x1
6B	Drain Tube Nut	900,301,79x.x1
7A	Drain Hose	901,900,50x.x1
7B	Drain Hose Clamp	900,901,03x.x1
8A	Main Wiring Harness (Detachable)	
	United States & Mexico	804,917,26x.x1
8B	Power Cord (Detachable)	804,917,28x.x1

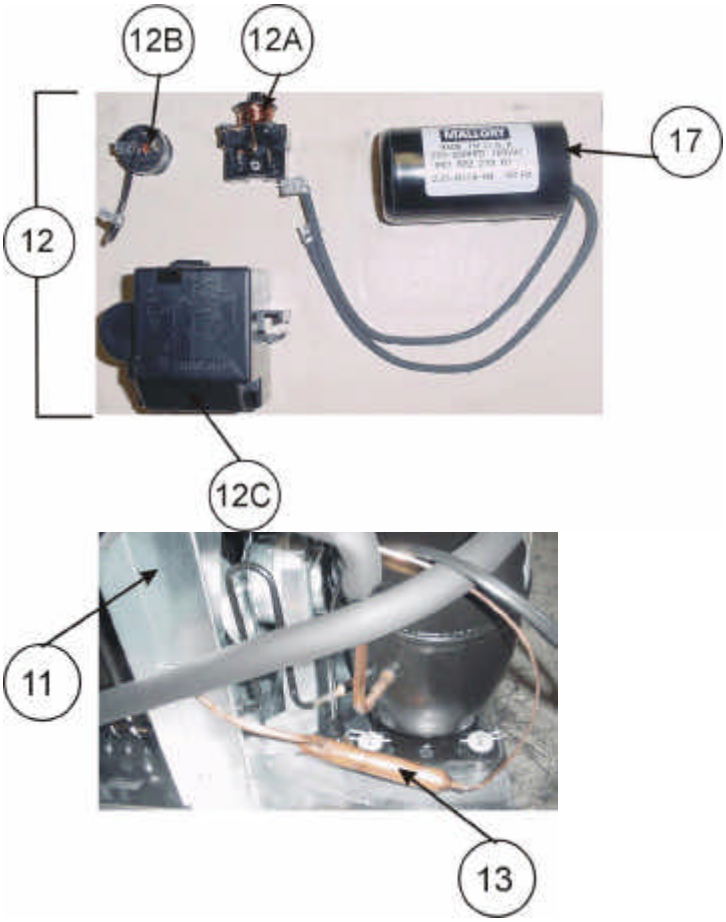
***Exceptions :** 0572 through 0580 – 6917 ; 0001 through 0286 – 6920 ; 0256 through 0270 – 6923

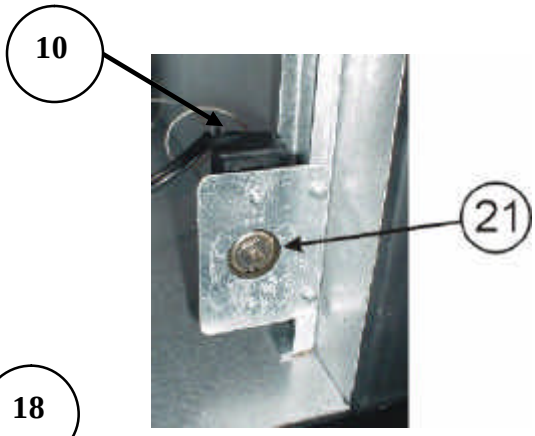
Use the Domestic 3001 115/60 Unit.

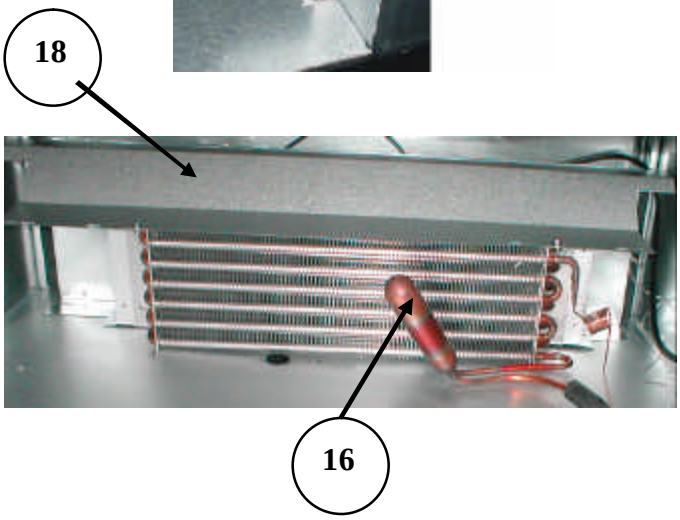
NA = Not Applicable
Part numbers subject to change without notice.

REFRIGERATION SYSTEM
(SECTION TWO)









NA = Not Applicable
Part numbers subject to change without notice.

REFRIGERATION SYSTEM
(SECTION TWO)

ITEM	DESCRIPTION	SBC (501E)
9	Evaporator Fan Housing Assembly	
	Assy., Housing Fan (Wide)	609,044,80x.x3
10	Temperature Control, GE	802,800,58x.x1
	Temperature Control Bracket	491,070,08x.x3
11	*Condenser Fan Shroud for 1203	491,040,11x.x3
	*Condenser Fan Shroud for 3001	640,040,02x.x3
12	Overload – Relay Cover Assembly (FFI12HBX)	
	Domestic Models Embraco 1.355.504	802,501,77x.x1
12A	Relay	
	Domestic Models Embraco 1.351.605	802,502,13x.x1
12B	Overload	
	Domestic Models MRT 22AFZ - 5598	802,502,10x.x1
12C	Cover, Embraco (Not Shown)	
	1.355.504 Short (Domestic) – 1/3 HP	802,501,86x.x1
13	Dryer	
	.054 Outlet 4AXH7	802,401,29x.x1
14	Condenser	
	*3 FPI for 1203	802,600,68x.x1
	*1.3 FPI for 3001	802,600,69x.x1
15	Evaporator (short)	
	CW01655 (1/3 HP)	802,600,37x.x1
16	Accumulator	
	1/3 HP	802,400,46x.x1
17	Capacitor, Start	
	Domestic, 233-280MFD / 165V 60 Hz (FOR 1/3 HP)	802,502,21x.x1
17A	Capacitor, End Cap Bottom Hole (Not Shown)	
	Domestic	802,501,18x.x1
17B	Capacitor Assembling Bracket (Not Shown)	
	Domestic	802,501,87x.x1
18	Top Evaporator Cover	609,050,51x.x3
20	Silencer	902,100,29x.x1
A9	Screw, Phil Pan 8-32x3/8	900,301,56x.x1
A18	Screw, Hex Head 8-36x3/8	900,301,69x.x1
A19	Screw, Phil Pan 10-32x5/8	900,901,51x.x1
A22	Screw, Phil Pan 8-18x12	900,301,84x.x1
A28	Screw, Phil Flat 10-32x1/2	900,301,94x.x1
A29	Screw, Machine Brass 6-32x1/4	900,201,44x.x1
B5	Speed Nut	900,800,85x.x1
I12	Cable Tie 5 1/2	901,902,83x.x1
	Screw, Hex ¼-20x5/8	900,302,01x.x1

***Exceptions :** 0572 through 0580 – 6917 ; 0001 through 0286 – 6920 ; 0256 through 0270 – 6923

Use the Domestic 3001 115/60 Unit.

NA = Not Applicable
Part numbers subject to change without notice.

MISC. LABELS

ITEM	DESCRIPTION	SBC (501E)
1	Labels	
	Price Label Sheet	903,828,82x.x1
	SBC Programming (English)	803,871,15x.x1
	Package Set-Up Guide Domestic	803,849,11x.x1
	Close Gate Sign	805,029,45x.x1
	Warning: Do Not Tilt	803,868,29x.x1
	134A Removable Substance	903,833,54x.x1
	Money Removed Daily	903,805,70x.x1
	Power Disconnect, Warning	803,857,01x.x1
	Power Supply Cord Label	803,834,65x.x1
	Skid Removal	903,828,70x.x1
	Coin Mechanism Label	803,870,26x.x1
	Mercury Notice Label	803,860,59x.x1
	Notice - No Refund Label	803,860,53x.x1
	Motor Cover Label	803,863,09x.x1
	Button & Stack Label	803,870,27x.x1
	Important Load Instructions	803,860,71x.x1
	Caution & Fuse Label	803,857,06x.x1
2	Wiring Diagram SBC 10 Select DP SL5	803,870,29x.x1
3	DP Millennium SL5 Side Decal	803,869,41x.x1
4	Installation & Set up Guide	803,903,71x.x1
5	Technical Manual DP SL5	803,903,99x.x1
6	Label, ID #1	903,815,21x.x1
7	Label, ID #2	903,815,26x.x1
8	Disconnect Power before Install of Mech	803,833,04x.x1

DOMESTIC SIGNS & SIDE DECALS
(Contact Parts Department for any not listed)

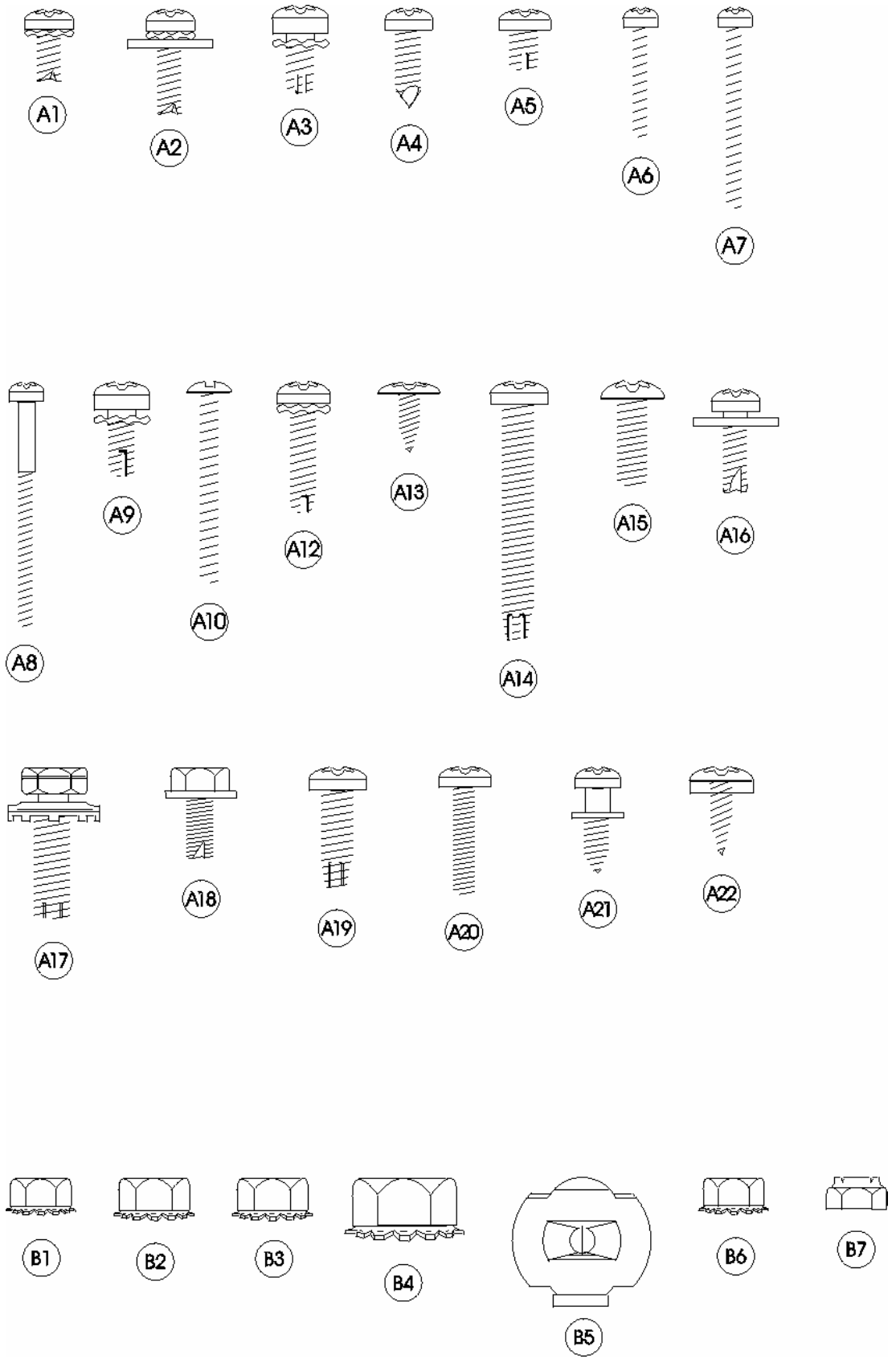
ITEM	DESCRIPTION	SBC (501E)
1	Side Decals	
	DP Millennium Side Decals	803,869,41x.x1
2	Sign	
	DP SL5 Millennium	805,033,11x.x1
3	Ad Card	
	Dr Pepper	803,869,42x.x1
4	Sign, Transaction/Coin Insert	
	Dr Pepper 1 knock out	805,033,13x.x1
	Dr Pepper 2 knock out	805,033,12x.x1

Domestic Flavor Cards
(Contact Parts Department for any not listed)

ITEM	DESCRIPTION	SBC (501E)
1	Dr Pepper/Diet Large Card	803,869,43x.x1
2	Dr Pepper 12oz Can	903,846,27x.x1
3	Dr Pepper Bottle	903,846,32x.x1
4	Dr Pepper COI	903,848,17x.x1
5	Diet Dr Pepper COI	903,848,18x.x1
6	Dr Pepper BOI	903,848,16x.x1
7	Diet Dr Pepper BOI	903,848,15x.x1

NA = Not Applicable
Part numbers subject to change without notice.

SCREWS & NUTS



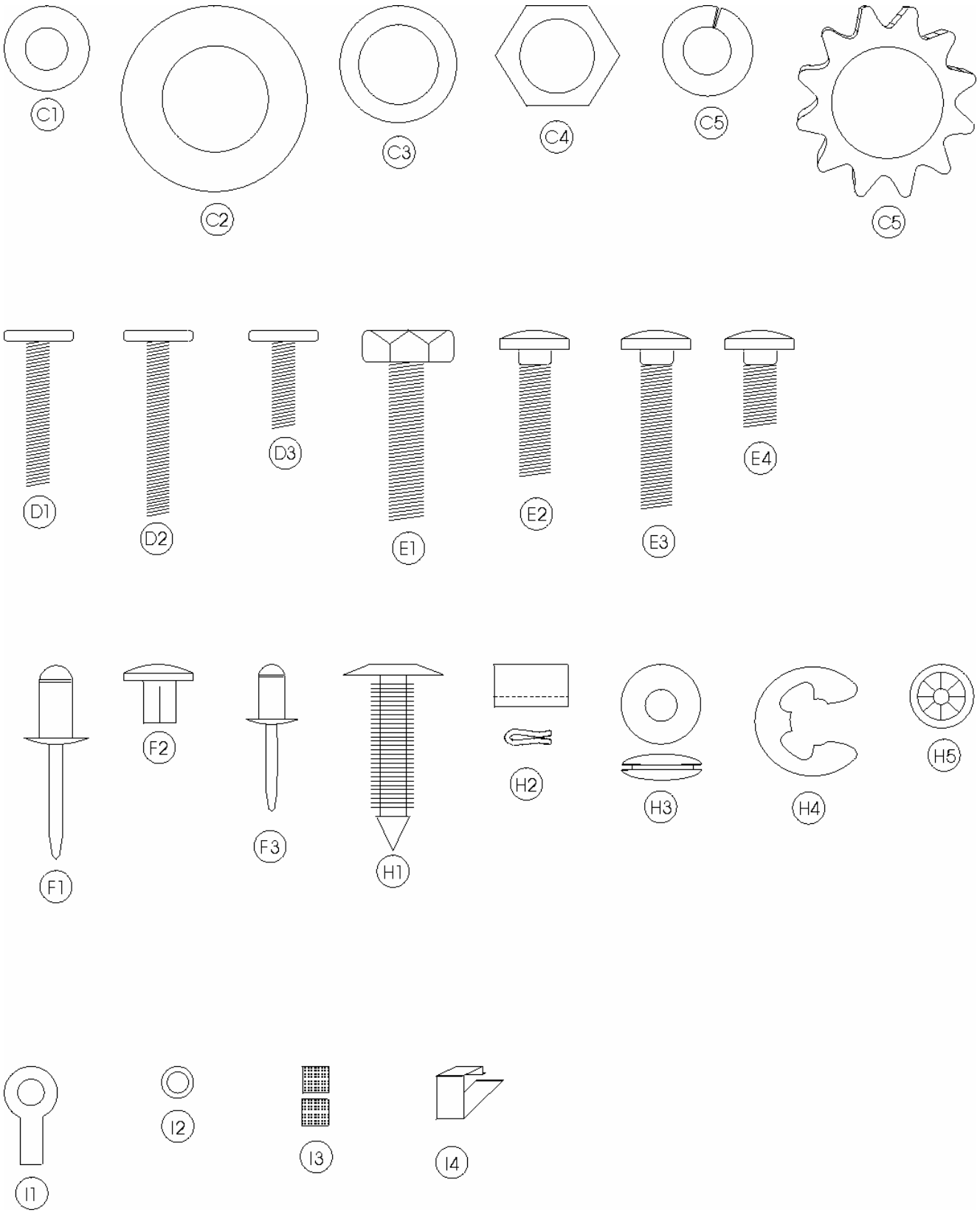
NA = Not Applicable
Part numbers subject to change without notice.

SCREWS & NUTS

ITEM	PART NUMBER	PART NAME AND DESCRIPTION
A1	900,301,70x.x1	Screw, Phil Pan Swage Form #6 - 32 x 3/8"
A2	900,301,64x.x1	Screw, Phil Pan Swage Form w/washer #8 - 32 x 1/2"
A3	900,301,83x.x1	Screw, Phil Pan Swage Form #10 - 32 x 5/16"
A4	900,301,50x.x1	Screw, Phil Pan w/out washer, #8 - 18 x 1/2"
A5	900,301,97x.x1	Screw, Phil Pan Swage Form #8 - 32 x 1/4"
A6	900,300,47x.x1	Screw, Vend Motor, #4-24 x 3/4" Single Switch (NOT USED)
A7	900,301,82x.x1	Screw, Vend Motor, #4-24 x 1 1/16" Double Switch (NOT USED)
A8	900,301,61x.x1	Screw, Vend Motor, #4-24 x 1 1/2" Triple Switch (NOT USED)
A9	900,301,56x.x1	Screw, Phil Pan Cutting #8 - 32 x 3/8"
A10	900,201,31x.x1	Screw, Machine, #6 - 32 x 1 1/4"
A11	900,301,97x.x1	Screw, Phil Pan Sems #8 - 32 x 1/4"
A12	900,301,85x.x1	Screw, Phil Thread Form #8 - 32 x 5/8"
A13	900,300,16x.x1	Screw, Phil Head Truss #6 x 3/8"
A14	900,301,81x.x1	Screw, Phil Pan Form #10 - 32 x 1 1/4"
A15	900,201,14x.x1	Screw, Machine Truss, #10 - 32 x 1/2"
A16	900,301,65x.x1	Screw, Phil Pan Sems with washer, #8 - 18 x 1/2"
A17	900,302,01x.x1	Screw, Self Tapping, 1/4 - 20 x 5/8"
A18	900,301,69x.x1	Screw, Hex Head Swage Form #8 - 36 x 3/8"
A19	900,901,51x.x1	Screw, Phil Pan Tapping #10 - 32 x 5/8"
A20	900,201,22x.x1	Screw, Machine Phil Pan #8 - 32 x 3/4"
A21	900,301,98x.x1	Screw, Phil Pan Shoulder #8 - 18 x 1/2"
A22	900,301,84x.x1	Screw, Phil Pan #8-18x1/2"
A23	900,500,26x.x1	Shoulder Screw 1/2" Long
A24	900,201,13x.x1	Screw, Hex Head
A25	900,301,73x.x1	Screw, Tap 1/4-20x1" Type F
A26	800,303,15x.x1	Screw, Phil Pan #8-18x3/4"
A27	800,303,18x.x1	Screw, Truss Type 23 #8-32x1/2
A28	900,301,94x.x1	Screw, Phil Flat 23B #10-32x1/2"
A29	900,201,44x.x1	Screw, Machine Brass #6-32x1/4"
A30	900,301,99x.x1	Screw, Plastic 8-hi/low x 1 1/4
A31	900,301,55x.x1	Screw, Phil Pan Swage Form #8-32x1/2"
A32	900,303,08x.x1	Screw, Hex Washer Type 1 #8-32x3/8"
A34	800,303,22x.x1	Screw, Phil Pan #6-20x3/8
A35	900,302,02x.x1	Screw, Self Tapping, #8-18x3/4
A36	900,201,86x.x1	Screw, Phil Pan Head #6-32x1/4"
B1	900,800,65x.x1	Hex Nut, #10 - 32
B2	900,800,67x.x1	Hex Nut, 1/4 - 20
B3	900,800,50x.x1	Hex Nut, #8 - 32
B4	900,800,69x.x1	Hex Nut, Top Door Hinge, 3/8 - 16
B5	900,800,85x.x1	Speed Nut
B6	900,800,49x.x1	Hex Nut, #6 - 32
B7	900,800,51x.x1	Elastic Stop Nut, #8 - 32
B8	900,800,81x.x1	Hex Nut 8-32
B9	900,902,37x.x1	Push Nut, Acorn Type
B10	900,801,02x.x1	Hex Nut 5/16-18
B11	900,800,81x.x1	Hex Nut, Flange with Serrations 8-32

NA = Not Applicable
Part numbers subject to change without notice.

WASHERS, BOLTS, & MISC. HARDWARE



NA = Not Applicable
Part numbers subject to change without notice.

WASHERS, BOLTS, & MISC. HARDWARE

ITEM	PART NUMBER	PART NAME AND DESCRIPTION
C1	900,700,60x.x1	Washer, Delrin .047 Thick 3/8"IDx5/8"OD
C2	901,303,77x.x1	Washer, Door Hinge
C3	901,503,06x.x1	Washer, Flat #2949 (T-Handle)
C4	901,503,08x.x1	Washer, Hex #29-34 (T-Handle)
C5	900,700,36x.x1	Lockwasher, Split 3/8"
C6	900,700,89x.x1	Lockwasher, Shakeproof 5/8" (1132-00-00-0551)
C7	900,700,02x.x1	Steel Washer, 18 Gauge (1/2"x3/16")
C8	900,700,62x.x1	Washer, Shakeproof (4610-16-01-0551)
C10	900,700,83x.x1	Washer, Flat 18 Gauge (17/64""IDx5/8"OD)
C11	900,700,08x.x1	Washer, Flat 14 Gauge (5/16"-3/8"x7/8")
C12	801,902,48x.x1	Nylon Spacer
	900,701,05x.x1	Washer Flat (.343"ID x .688" OD .6T)
D1	900,400,43x.x1	T-Bolt, #8 - 32 x 1" (obsolete)
D2	900,400,41x.x1	T-Bolt, #8 - 32 x 1 3/8"
D3	900,400.35x.x1	T-Bolt, #8 - 32 x 3/4"
D4	900,400,45x.x1	T-Bolt, #8 - 32 x 1/2"
E1	900,400,44x.x1	Refrigeration Bolt, 3/8 - 16 x 1"
E2	900,201,17x.x1	Carriage Bolt, 1/4 - 20 x 1"
E3	900,201,23x.x1	Carriage Bolt, 1/4 - 20 x 1 1/4"
E4	900,201,45x.x1	Carriage Bolt, 1/4 - 20 x 1/2"
E5	900,201,54x.x1	Carriage Bolt, 1/4 - 20 x 3/8"
E6	900,201,56x.x1	Carriage Bolt, 1/4 - 20 x 3/4"
E7	900,303,12x.x1	Carriage Bolt, 1/4-20x5/8" (obsolete)
E8	900,201,85x.x1	Carriage Bolt, 5/16x18x1 1/4" Top Hinge (drop in)
E9	800,303,19x.x1	Carriage Bolt, 1/4-20x5/8"
E10	900,202,04x.x1	Carriage Bolt, ¼-20x1/2" (red)
F1	901,100,43x.x1	Pop Rivet, Aluminum 1/4"
F2	901,100,44x.x1	Drive Rivet, #38-108-06-13 1/4" dia.
F4	901,100,54x.x1	Pop Rivet, Black 1/8"
F5	901,100,61x.x1	Pop Rivet, Steel (Zinc Plated) 1/8"
F6	901,100,53x.x1	Pop Rivet, Aluminum 1/8"
F7	901,100,60x.x1	Pop Rivet, Steel (Zinc Plated) 3/16"
H1	900,902,13x.x1	Christmas Tree Clip #354280307-00 (NOT USED)
H2	900,901,89x.x1	Tinnerman Clip, Fan Shroud (C5207-014-3B)
H3	900,401,09x.x1	Grommet, Black Rubber #97
H4	901,503,07x.x1	E-Ring #31-30
H5	900,900,90x.x1	Retainer, Roller Pin
H6	900,902,18x.x1	Tinnerman Clip
H7	801,807,01x.x1	Hole Plug, Snap in - 1 1/4
H8	901,806,77x.x1	Grommet, Admiral #B53351
H9	902,100,29x.x1	Silencer
I1	804,601,45x.x1	#6 Terminal Ring Crimp 16-14 AWG
I2	801,902,48x.x1	Nylon Spacer used on Boards
I3	801,809,12x.x1	Velcro Blocks
I4	801,807,49x.x1	Vender Defender Clamp

NA = Not Applicable
Part numbers subject to change without notice.

WASHERS, BOLTS, & MISC. HARDWARE

ITEM	PART NUMBER	PART NAME AND DESCRIPTION
I5	901,901,89x.x1	Clamp, Cable 1" Heyco 3390
I6	900,901,79x.x1	Clamp, Nylon 5/16" Black Heyco 3355 or Dennison 10159
I7	900,901,80x.x1	Clamp, Nylon 1/2" Heyco 3328
I8	901,901,06x.x1	Hand Tie
I9	901,902,01x.x1	Wire Tie, 7 1/2"
I10	901,901,00x.x1	Wire Ties, 4"
I11	901,900,55x.x1	Clamp, Nylon 3/4" Heyco 3382BL
I12	901,902,83x.x1	Cable Tie
I13	900,902,14x.x1	Canoe Clip #254-090-301-00-0108

ELECTRONICS & COMPONENTS

ITEM	PART NAME AND DESCRIPTION	SBC (501E)
1	SBC Controller	631,053,30x.x3
2	SBC Board Cover	801,306,16x.x1
3	Weather Curtain	801,904,23x.x1
4	Display	804,914,11x.x1
5	Transformer	804,912,78x.x1
6	Eprom (must be 240.61 or higher)	804,919,24x.x1
7	Fuse 6 Amp (F2)	804,910,93x.x1
8	Fuse 1.6 Amp (F1)	804,800,71x.x1
9	Choke	804,920,41x.x1
10	Door Switch	804,100,77x.x1
11	Select Switch	804,100,74x.x1
12	Sold Out Switch Assembly	804,100,75x.x1
13	Vend Motor Switch	804,100,73x.x1

NA = Not Applicable
Part numbers subject to change without notice.