CRANE-National Vendors
DOCUMENT: 1470053
Pagination Guide

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P/N 1470053

INCORPORATE THIS SUPPLEMENT

IN

The 147/148 PROGRAMMING GUIDE

(Part Number 1470059 Rev. D)

INSTRUCTIONS FOR INCORPORATING THIS SUPPLEMENT IN YOUR 147/148 - 474/475/476 - 461/462 PROGRAMMING GUIDE

REMOVE THESE PAGES FROM YOUR GUIDE:	REPLACE THEM WITH THESE PAGES FROM THE SUPPLEMENT PACKAGE:
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THE PROCEDURES IN THIS PROGRAMMING GUIDE ARE FOR USE WITH:

MODEL 147, 148, 461, 462, AND 474 SOFTWARE VERSION

RCE-1

MODEL 465 AND 476 MAIN CONTROLLER SOFTWARE VERSION

RCE-1

MODEL 475: FRESH BREW HOT DRINK MODULE SOFTWARE VERSION

503B0

MODEL 476: FREEZE DRY HOT DRINK MODULE SOFTWARE VERSION

503B0

SOFTWARE COVERED BY THIS PROGRAMMING GUIDE

Complete the Software Version retrieval procedure on page 94 of this PROGRAMMING GUIDE.

The version number/numbers in the display should be the same as the version number listed above.

If the version number in the display is **NOT** the same as the version number listed above, contact National Vendors' Service Department at 1-800-325-8811.

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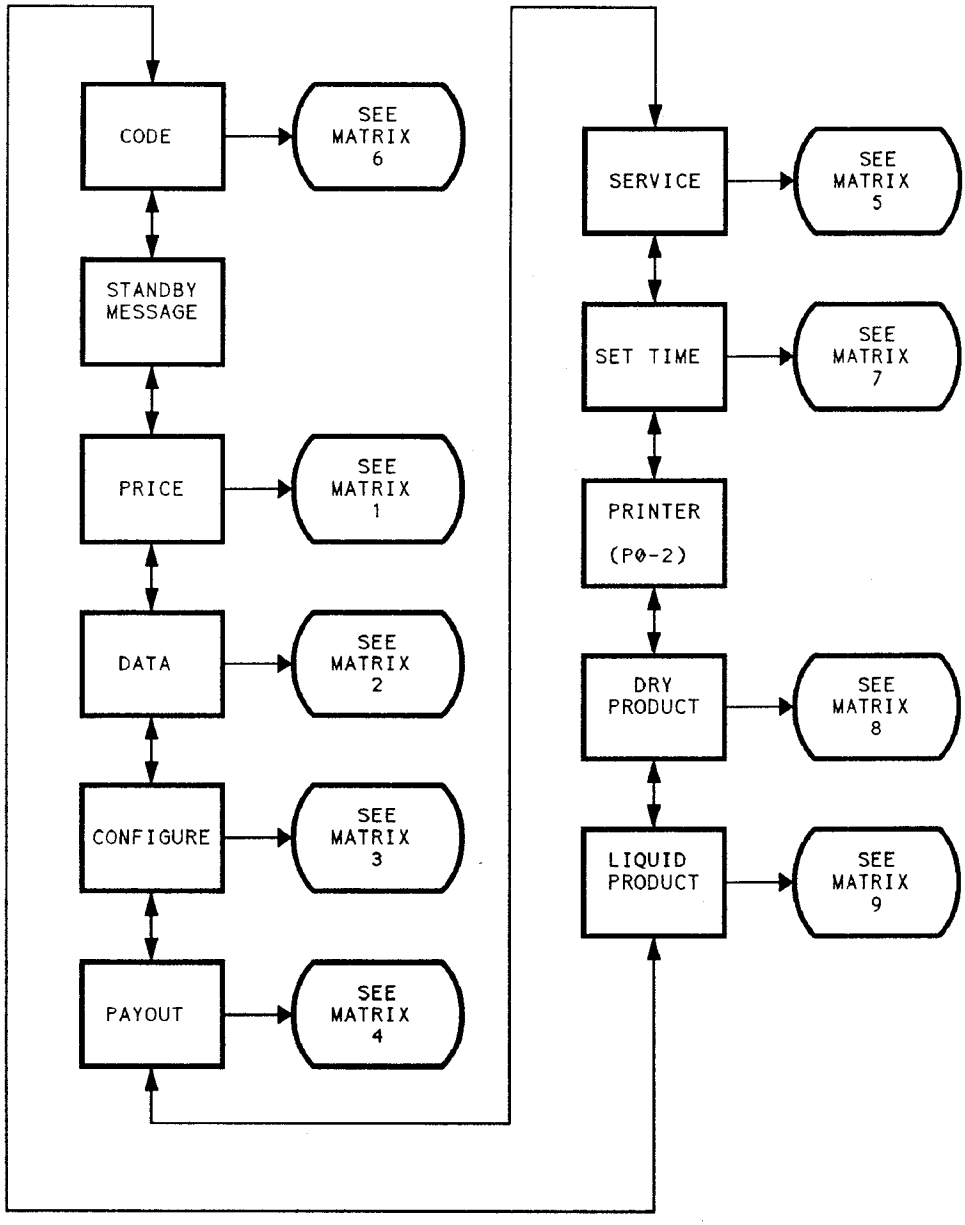
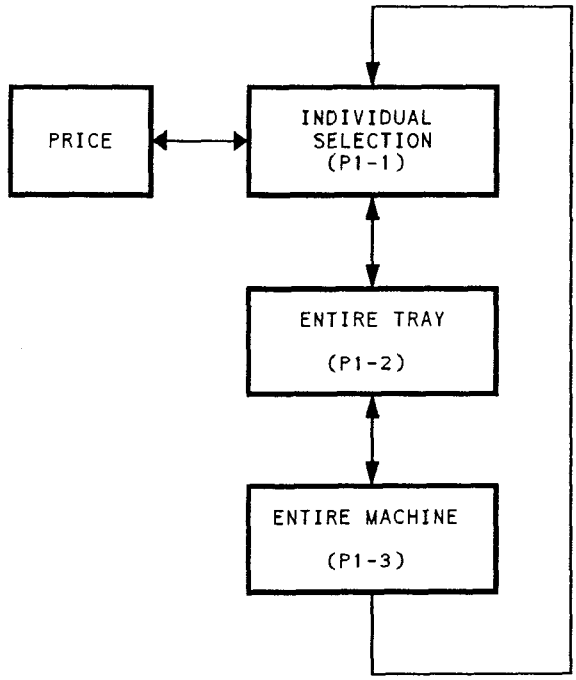
OVERALL
PROGRAMMING MATRIX



PRICE
PROGRAMMING MATRIX



DATA
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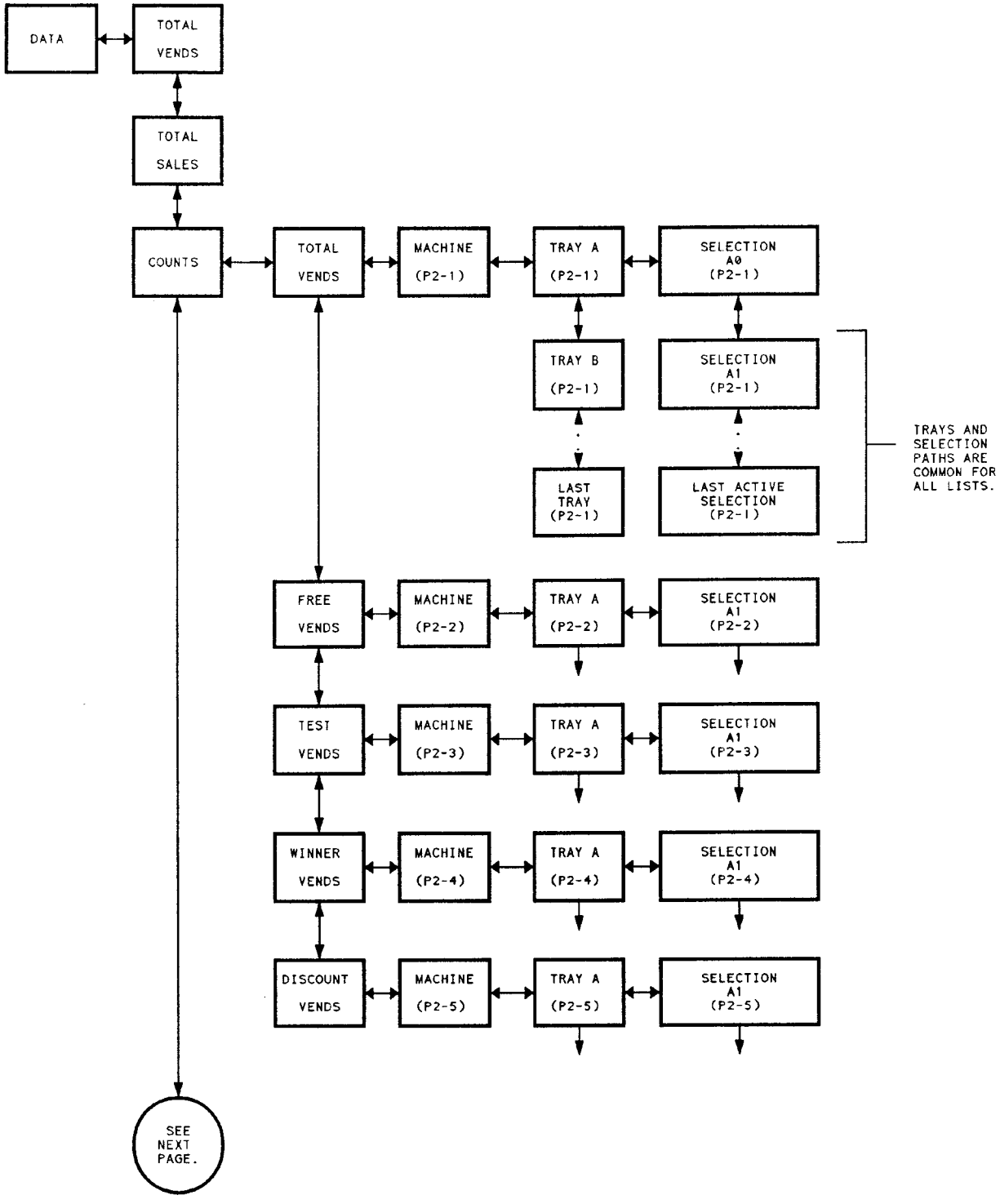
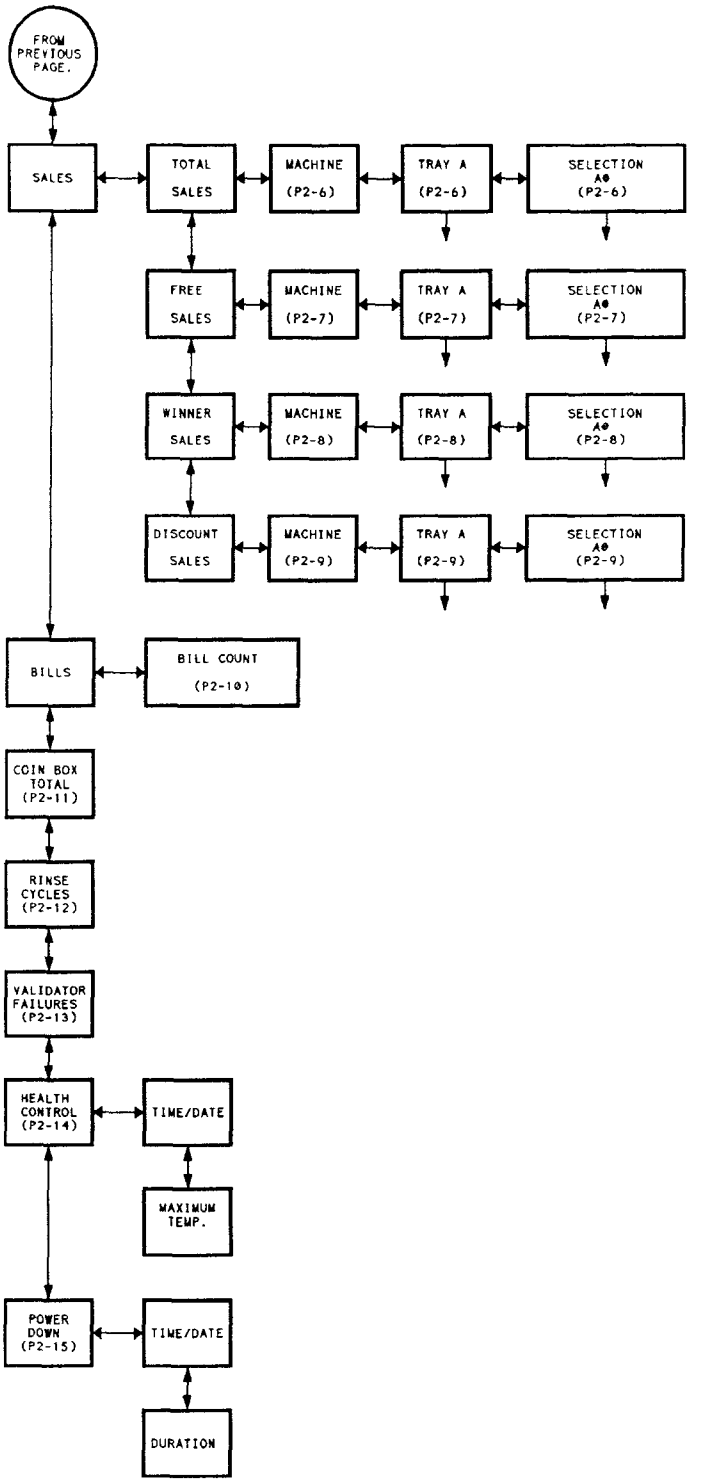
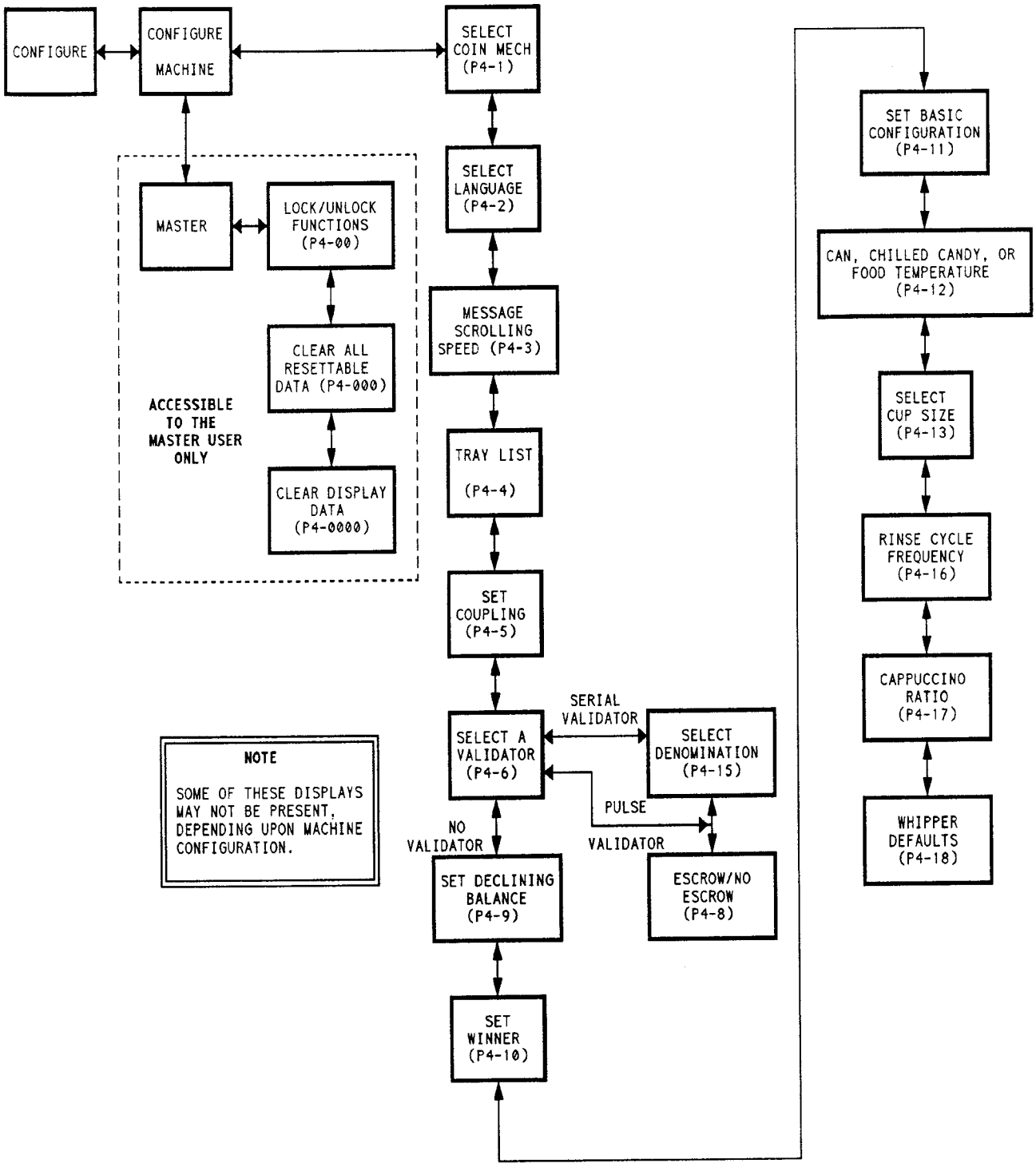


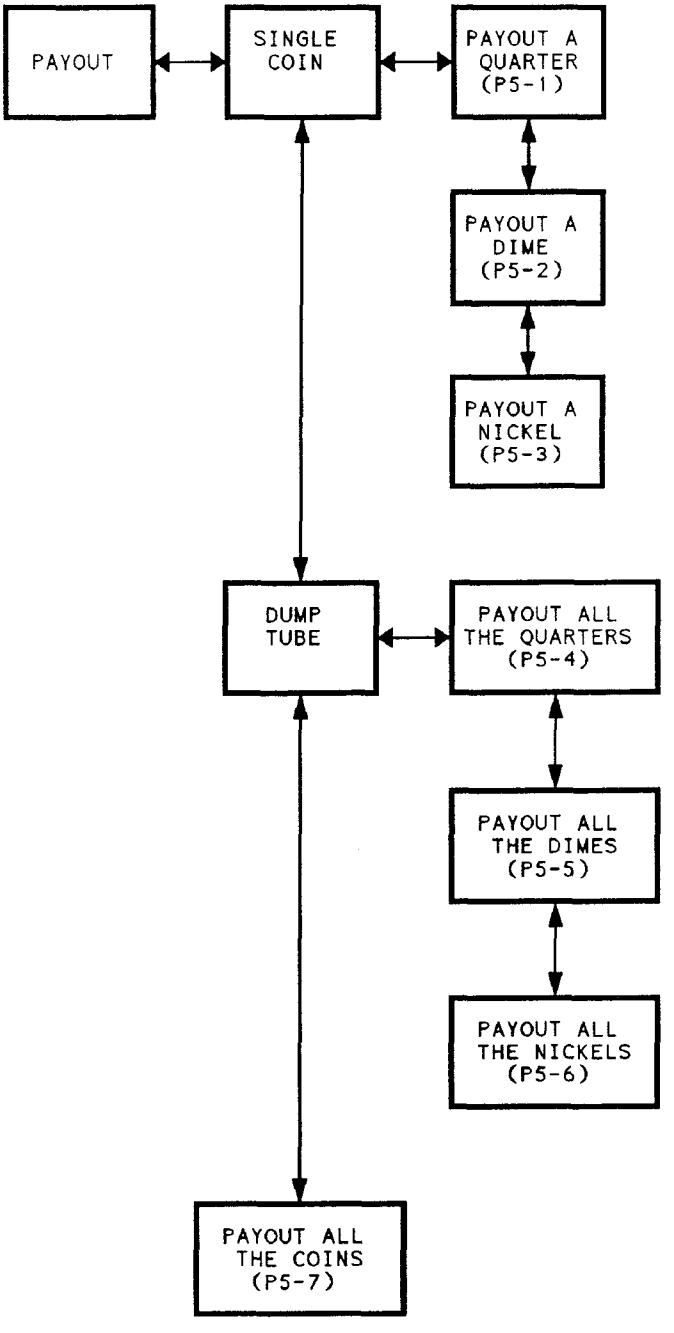
DATA
PROGRAMMING MATRIX (Continued)



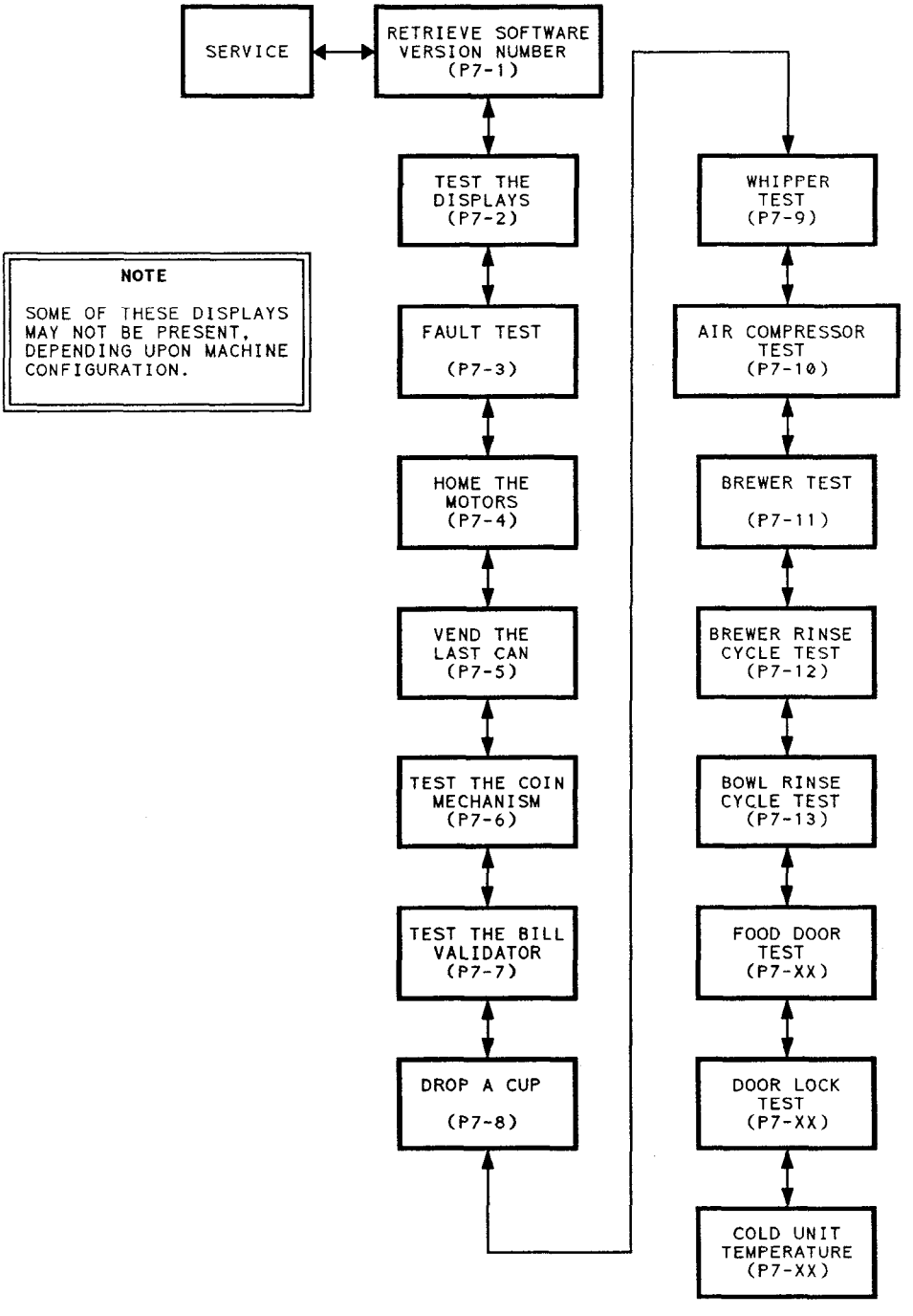
CONFIGURE
PROGRAMMING MATRIX



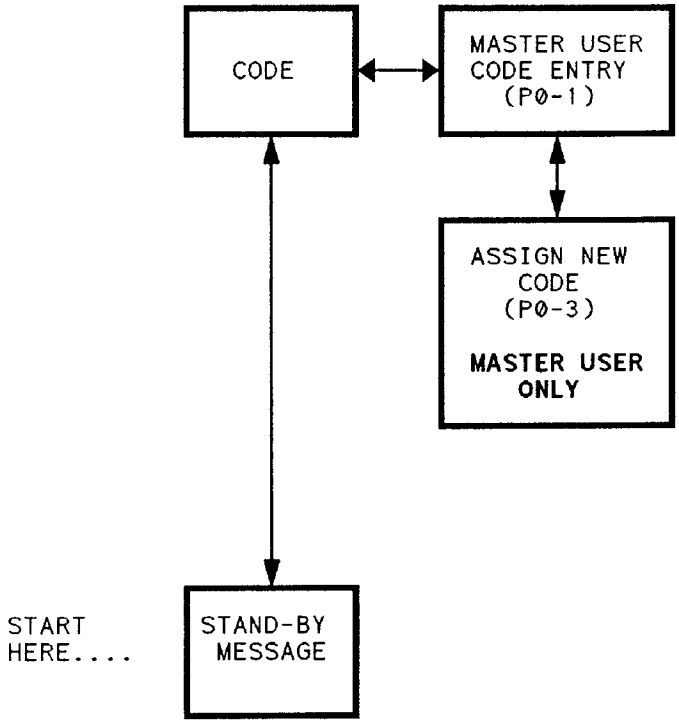
PAYOUT
PROGRAMMING MATRIX



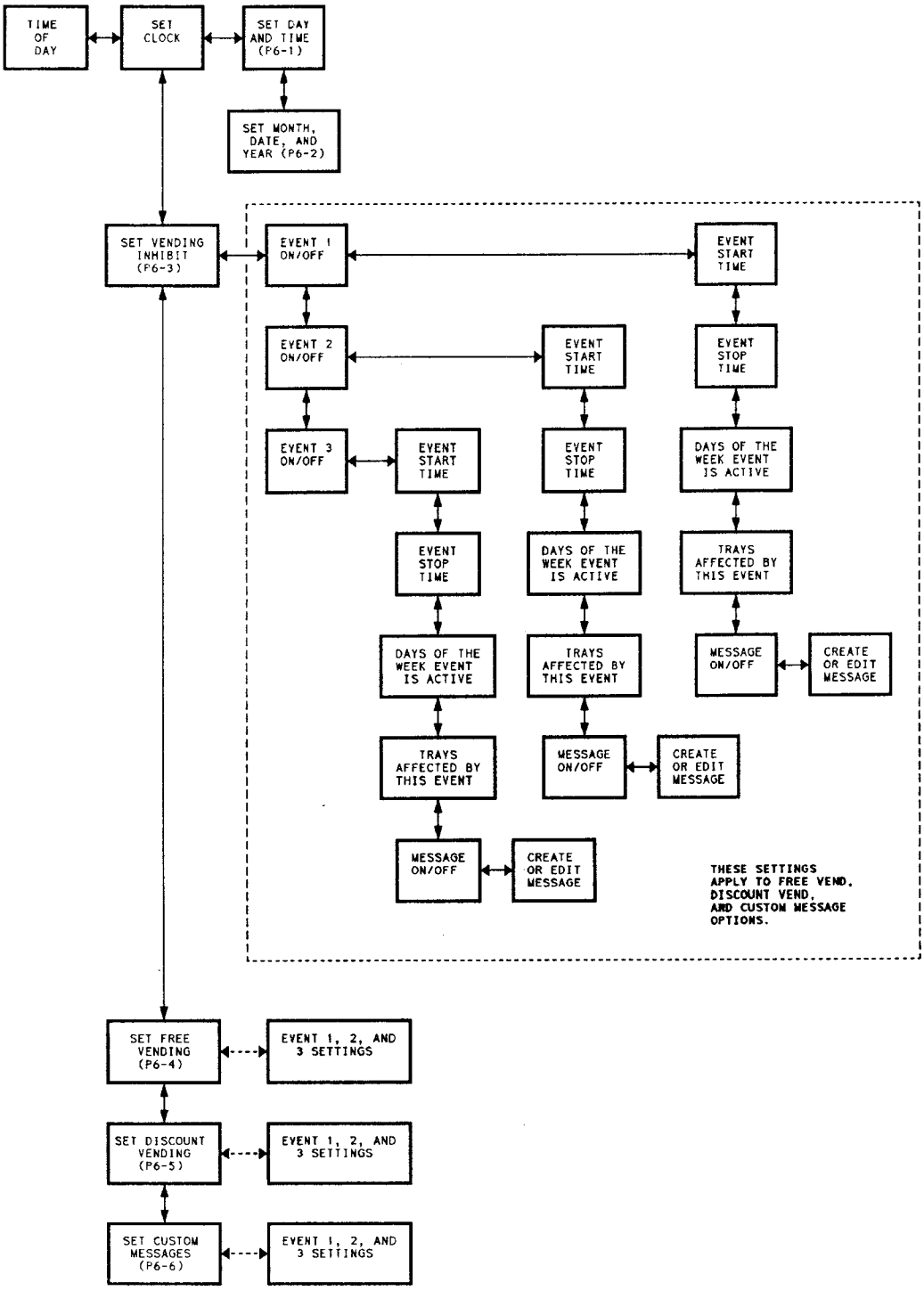
SERVICE
PROGRAMMING MATRIX



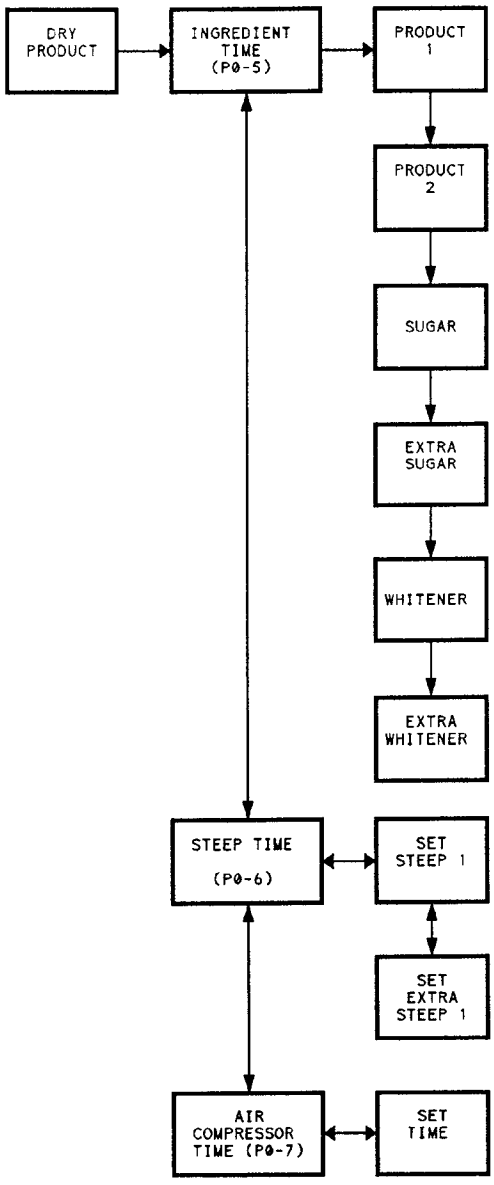
CODE
PROGRAMMING MATRIX



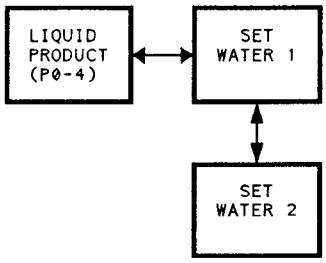
TIME OF DAY PROGRAMMING MATRIX



DRY PRODUCT PROGRAMMING MATRIX



LIQUID PRODUCT PROGRAMMING MATRIX



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An optional printer is available for recording price and data information as shown in the display.

1. Locate the printer connector inside the machine.
2. Plug the connector into the receptacle in the front of your printer.
3. Turn the printer ON.
4. Follow the steps in the table on the next page.

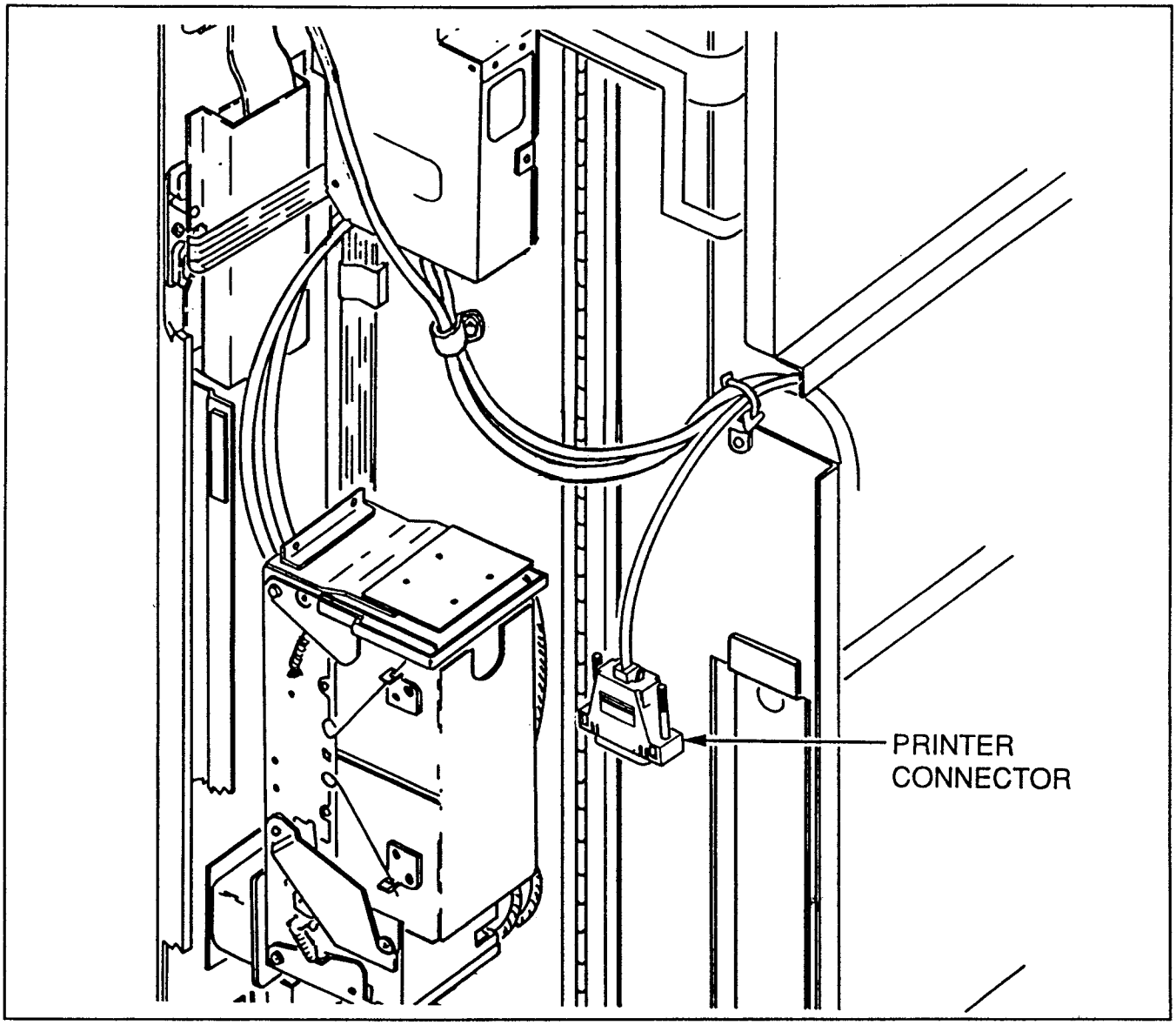

Figure P0-2

PRINT THE DATA LIST OR THE PRICE LIST:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	TIME OF DAY	SET TIME	
2	⬇	PRINTER XXYZ	Where XX = baud rate: 12 = 1200 baud 24 = 2400 baud 48 = 4800 baud 96 = 9600 baud Y = Printer busy: 0 = 0 signal 1 = + signal Z = Which level of data to print: 0 = Tray level 1 = Selection level
3	Appropriate selection switch panel keys	The display changes	
4	OPTIONS: DATA		The data list will print on the printer and be displayed on the screen at the same time.
	OPTIONS: PRICE		The price list will print on the printer and be displayed on the screen at the same time.

NOTE: Step 3 only works while PRINTER X is displayed. If printer mode is not selected, normal data and price lists will show on the display.

PRICE AN INDIVIDUAL SELECTION:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	PRICE	PRICE	Price setting mode entered
2	→	SELECT LVL	Allows pricing for an individual selection
3	→	TC PR XX.XX	TC = Selection ID T = Tray ID (options: A B C D E F G H J) C = Column position (options: 0 1 2 3 4 5 6 7 8 9) XX.XX = The currently set price
	OPTIONS: Proceed to the next step if you want to price this selection.		
	OPTIONS: Enter the ID for another selection that you want to price		Use the selection switch panel to make the entry.
4	Use the selection switch panel to enter a new price for the selection		The new price is displayed.
5	Continue		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

PRICE A TRAY TO ONE PRICE:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	PRICE	PRICE	Price setting mode entered
2	→	SELECT LVL	
3	↓	TRAY LVL	Allows pricing for the whole tray
4	→	T* PR XX.XX	T = Tray ID (options: A B C D E F G H J) XX.XX = The currently set price
	OPTIONS: Proceed to the next step if you want to price this tray.		
	OPTIONS: Enter the ID for another tray that you want to price		Use the selection switch panel to make the entry.
5	Use the selection switch panel to enter a new price for the tray		The new price is displayed.
6	OPTIONS: ENTER ACTION	TRAY LVL	The amount you entered is now in effect for that tray. ALL PRIOR PRICES FOR SELECTIONS IN THIS TRAY HAVE BEEN REPLACED BY THE NEW PRICE!
	OPTIONS: Continue		The previous price that was shown in step 4 is still in effect.
			Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

PRICE THE ENTIRE MACHINE TO ONE PRICE:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	PRICE	PRICE	Price setting mode entered
2	→	SELECT LVL	
3	↓	TRAY LVL	
4	↓	MACH LVL	Allows pricing for the whole machine
5	→	** PR XX.XX	XX.XX = The currently set price
6	Use the selection switch panel to enter a new price for the tray		The new price is displayed.
7	OPTIONS: ENTER ACTION	MACH LVL	The amount you entered is now in effect for the whole machine. ALL PRIOR PRICES FOR SELECTIONS OR TRAYS HAVE BEEN REPLACED BY THE NEW PRICE!
	OPTIONS: Continue		The previous price that was shown in step 5 is still in effect.
			Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

RETRIEVE TOTAL VENDS:

BY:			ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
SELECTION	TRAY	MACHINE			
			DATA	DATA	Data mode entered.
			→	**CT XXXXX	XXXXX is the non-resettable total machine VEND COUNT.
			↓	**$ XXXXX	XXXXX is the non-resettable total machine SALES COUNT.
			↓	COUNTERS	Allows retrieval of count data.
			→	TOT VENDS	Allows retrieval of total vend counts.
			→	**CT XXXXX	XXXXX is the resettable total vend count for the machine. **NOTE** **CT** is a reminder that you are looking at CounTs.
			→	T*CT XXXXX	T = Tray ID (options: A B C D E F G H J) XXXXX is the total vend count for the tray.
			Enter the ID for the tray you want to see		Use the selection switch panel to make the entry.
			→	TZCT XXXXX	T = Tray ID (options: A B C D E F G H J) Z = Column ID (options: 0 1 2 3 4 5 6 7 8 9) XXXXX is the total vend count for the tray.
			Enter the ID for the selection you want to see		Use the selection switch panel to make the entry.
			Continue		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

RETRIEVE TOTAL FREE VENDS:

BY:			ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
SELECTION	TRAY	MACHINE			
			DATA	DATA	Data mode entered.
			→	**CT XXXXX	XXXXX is the non-resettable total machine VEND COUNT.
			↓	**$ XXXXX	XXXXX is the non-resettable total machine SALES COUNT.
			↓	COUNTERS	Allows retrieval of count data.
			→	TOT VENDS	
			→	FREE CNT	Allows retrieval of free vend counts.
			→	**FV XXXXX	XXXXX is the resettable total vend count for the machine. **NOTE** **FV** is a reminder that you are looking at **F**ree **V**ends.
			→	T*FV XXXXX	T = Tray ID (options: A B C D E F G H J) XXXXX is the total vend count for the tray.
			Enter the ID for the tray you want to see		Use the selection switch panel to make the entry.
			→	TZFV XXXXX	T = Tray ID (options: A B C D E F G H J) Z = Column ID (options: 0 1 2 3 4 5 6 7 8 9) XXXXX is the total vend count for the tray.
			Enter the ID for the selection you want to see		Use the selection switch panel to make the entry.
			Continue		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

RETRIEVE TEST VENDS:

BY:			ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
SELECTION	TRAY	MACHINE			
			DATA	DATA	Data mode entered.
			→	**CT XXXXX	XXXXX is the non-resettable total machine VEND COUNT.
			↓	**$ XXXXX	XXXXX is the non-resettable total machine SALES COUNT.
			↓	COUNTERS	Allows retrieval of count data.
			→	TOT VENDS	Allows retrieval of total vend counts.
			→ two times	TEST VENDS	Allows retrieval of test vend counts.
			→	**TV XXXXX	XXXXX is the resettable total vend count for the machine. **NOTE** **TV** is a reminder that you are looking at Test Vends.
			→	T*TV XXXXX	T = Tray ID (options: A B C D E F G H J) XXXXX is the total vend count for the tray.
			Enter the ID for the tray you want to see		Use the selection switch panel to make the entry.
			→	TZTV XXXXX	T = Tray ID (options: A B C D E F G H J) Z = Column ID (options: 0 1 2 3 4 5 6 7 8 9) XXXXX is the total vend count for the tray.
			Enter the ID for the selection you want to see		Use the selection switch panel to make the entry.
			Continue		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

RETRIEVE WINNER VENDS:

BY:			ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
SELECTION	TRAY	MACHINE			
			DATA	DATA	Data mode entered.
			→	**CT XXXXX	XXXXX is the non-resettable total machine VEND COUNT.
			↓	**$ XXXXX	XXXXX is the non-resettable total machine SALES COUNT.
			↓	COUNTERS	Allows retrieval of count data.
			→	TOT VENDS	Allows retrieval of total vend counts.
			→ three times	WIN CNT	Allows retrieval of winner counts.
			→	**W XXXXX	XXXXX is the resettable total vend count for the machine. NOTE W is a reminder that you are looking at Winner vends.
			→	T*W XXXXX	T = Tray ID (options: A B C D E F G H J) XXXXX is the total vend count for the tray.
			Enter the ID for the tray you want to see		Use the selection switch panel to make the entry.
			→	TZW XXXXX	T = Tray ID (options: A B C D E F G H J) Z = Column ID (options: 0 1 2 3 4 5 6 7 8 9) XXXXX is the total vend count for the tray.
			Enter the ID for the selection you want to see		Use the selection switch panel to make the entry.
			Continue		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

RETRIEVE DISCOUNT VENDS:

BY:			ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
SELECTION	TRAY	MACHINE			
			DATA	DATA	Data mode entered.
			→	**CT XXXXX	XXXXX is the non-resettable total machine VEND COUNT.
			↓	**$ XXXXX	XXXXX is the non-resettable total machine SALES COUNT.
			↓	COUNTERS	Allows retrieval of count data.
			→	TOT VENDS	Allows retrieval of total vend counts.
			→ four times	DISC COUNT	Allows retrieval of discount vend counts.
			→	**DC XXXXX	XXXXX is the resettable total vend count for the machine. **NOTE** **DC** is a reminder that you are looking at DisCount vends.
			→	T*W XXXXX	T = Tray ID (options: A B C D E F G H J) XXXXX is the total vend count for the tray.
			Enter the ID for the tray you want to see		Use the selection switch panel to make the entry.
			→	TZW XXXXX	T = Tray ID (options: A B C D E F G H J) Z = Column ID (options: 0 1 2 3 4 5 6 7 8 9) XXXXX is the total vend count for the tray.
			Enter the ID for the selection you want to see		Use the selection switch panel to make the entry.
			Continue		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

RETRIEVE TOTAL SALES

BY:			ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
SELECTION	TRAY	MACHINE			
			DATA	DATA	Data mode entered.
			→	**CT XXXXX	XXXXX is the non-resettable total machine VEND COUNT.
			↓	**$ XXXXX	XXXXX is the non-resettable total machine SALES COUNT.
			↓	COUNTERS	
			↓	SALES	Allows retrieval of sales data.
			→	TOT SALES	Allows retrieval of total sales data.
			→	**$ XXXXX	XXXXX is the resettable total vend count for the machine. NOTE $ is a reminder that you are looking at sales.
			→	T*$ XXXXX	T = Tray ID (options: A B C D E F G H J) XXXXX is the total vend count for the tray.
			Enter the ID for the tray you want to see		Use the selection switch panel to make the entry.
			→	TZ$ XXXXX	T = Tray ID (options: A B C D E F G H J) Z = Column ID (options: 0 1 2 3 4 5 6 7 8 9) XXXXX is the total vend count for the tray.
			Enter the ID for the selection you want to see		Use the selection switch panel to make the entry.
			Continue		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

RETRIEVE FREE VEND SALES

BY:			ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
SELECTION	TRAY	MACHINE			
			DATA	DATA	Data mode entered.
			→	**CT XXXXX	XXXXX is the non-resettable total machine VEND COUNT.
			↓	**$ XXXXX	XXXXX is the non-resettable total machine SALES COUNT.
			↓	COUNTERS	
			↓	SALES	Allows retrieval of sales data.
			→	TOT SALES	Allows retrieval of total sales data.
			↓	FREE SLS	Allows retrieval of free vend sales data.
			→	**F$ XXXXX	XXXXX is the resettable total vend count for the machine. **NOTE** **F$** is a reminder that you are looking at **F**ree vend sales.
			→	T*F$ XXXXX	T = Tray ID (options: A B C D E F G H J) XXXXX is the total vend count for the tray.
			Enter the ID for the tray you want to see		Use the selection switch panel to make the entry.
			→	TZF$ XXXXX	T = Tray ID (options: A B C D E F G H J) Z = Column ID (options: 0 1 2 3 4 5 6 7 8 9) XXXXX is the total vend count for the tray.
			Enter the ID for the selection you want to see		Use the selection switch panel to make the entry.
			Continue		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

RETRIEVE WINNER VEND SALES

BY:			ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
SELECTION	TRAY	MACHINE			
			DATA	DATA	Data mode entered.
			→	**CT XXXXX	XXXXX is the non-resettable total machine VEND COUNT.
			↓	**$ XXXXX	XXXXX is the non-resettable total machine SALES COUNT.
			↓	COUNTERS	
			↓	SALES	Allows retrieval of sales data.
			→	TOT SALES	Allows retrieval of total sales data.
			↓ two times	WIN SLS	Allows retrieval of winner vend sales data.
			→	**W$ XXXXX	XXXXX is the resettable total vend count for the machine. **NOTE** **W$** is a reminder that you are looking at Winner vend sales.
			→	T*W$ XXXXX	T = Tray ID (options: A B C D E F G H J) XXXXX is the total vend count for the tray.
			Enter the ID for the tray you want to see		Use the selection switch panel to make the entry.
			→	TZW$ XXXXX	T = Tray ID (options: A B C D E F G H J) Z = Column ID (options: 0 1 2 3 4 5 6 7 8 9) XXXXX is the total vend count for the tray.
			Enter the ID for the selection you want to see		Use the selection switch panel to make the entry.
			Continue		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

RETRIEVE DISCOUNT VEND SALES

BY:			ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
SELECTION	TRAY	MACHINE			
			DATA	DATA	Data mode entered.
			→	**CT XXXXX	XXXXX is the non-resettable total machine VEND COUNT.
			↓	**$ XXXXX	XXXXX is the non-resettable total machine SALES COUNT.
			↓	COUNTERS	
			↓	SALES	Allows retrieval of sales data.
			→	TOT SALES	Allows retrieval of total sales data.
			↓ three times	DISC SLS	Allows retrieval of discount vend sales data.
			→	**D$ XXXXX	XXXXX is the resettable total vend count for the machine. **NOTE** **D$** is a reminder that you are looking at Discount vend sales.
			→	T*D$ XXXXX	T = Tray ID (options: A B C D E F G H J) XXXXX is the total vend count for the tray.
			Enter the ID for the tray you want to see		Use the selection switch panel to make the entry.
			→	TZD$ XXXXX	T = Tray ID (options: A B C D E F G H J) Z = Column ID (options: 0 1 2 3 4 5 6 7 8 9) XXXXX is the total vend count for the tray.
			Enter the ID for the selection you want to see		Use the selection switch panel to make the entry.
			Continue		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

P2-10

VIEW THE TOTAL VALUE OF BILLS IN THE BILL STACKER:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	DATA	DATA	Data mode entered
2	→	**CT XXXX	
3	↓ four times	BIL$ XX	XX is the value of all the bills in the bill stacker.
4	Continue		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

P2-11

VIEW THE TOTAL VALUE OF COINS IN THE COIN BOX:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	DATA	DATA	Data mode entered
2	→	**CT XXXX	
3	↓ five times	CBX XX.XX	XX.XX is the value of all the coins in the coin box.
4	Continue		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

P2-12

VIEW THE NUMBER OF RINSE CYCLES COMPLETED SINCE THE COUNTERS WERE LAST CLEARED:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	DATA	DATA	Data mode entered
2	→	**CT XXXX	
3	↓ six times	RINSE XX	XX = The number of times a rinse cycle was initiated since the last time this category was cleared.
4	Continue		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

P2-13

VIEW THE NUMBER OF FAILURE MESSAGES FROM THE SERIAL VALIDATOR:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	DATA	DATA	Data mode entered
2	→	**CT XXXX	
3	↓ seven times	VAL FL XX	XX = The number of failure messages from the serial validator.
4	Continue		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

P2-14

VIEW THE LAST TIME AND DATE THE HEALTH CONTROL REMOVED THE MACHINE FROM SERVICE:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	DATA	DATA	Data mode entered
2	→	**CT XXXX	
3	↓ eight times	HEALTH CTL	The health control mode is entered.
5	→	MM/DD HH.MM	If the temperature in the food module rises above a preset limit, all vending from the food module is inhibited until the machine is serviced again. The date and time of that occurrence is shown here. Where: MM = month DD = day HH = hour MM = minute
6	↓	MAX ZZ	ZZ is the maximum temperature inside the food module since the health control was set.
7	Continue		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

P2-15

VIEW THE LAST TIME AND DATE THE MACHINE WAS POWERED DOWN

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	DATA	DATA	Data mode entered
2	→	**CT XXXX	
3	↓ nine times	POWER DOWN	
4	→	MM/DD HH.MM	The date and time of the last power down is displayed. Where: MM = month DD = day HH = hour MM = minute
5	↓	FOR DD.HH.MM	The duration of the power down is displayed. Where: DD = days HH = hours MM = minutes
6	Continue		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

PUT THE MERCHANDISER ON FREE VEND:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	FREE VEND	NO MONEY / REQUIRED	Free vend mode entered
2	CONTINUE		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

NOTES

DEFINE THE COIN MECH BEING USED:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS	
1	CONF.	CONFIGURE	Configure mode entered	
2	→	CNFG MACH		
3	→	Current coin mech option is displayed	Option	Use
			DUMB MECH DUMB/DEBIT EXEC MECH NO COIN MK	US + Canada Europe
4	ENTER/ACTION		Scroll through the list of coin mech options until the type you want to use is displayed.	
	CONTINUE		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options	

DEFINE THE LANGUAGE USED IN THE CUSTOMER DISPLAYS:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	CONF.	CONFIGURE	Configure mode entered
2	→	CNFG MACH	
3	→	Current coin mech option is displayed	
4	↓	The defined language is displayed	Options: ENGLISH GERMAN FRENCH SPANISH (Mexican Spanish) SPANISH 2
5	ENTER/ACTION		Scroll through the list of language options until the one you want to use is displayed.
6	CONTINUE		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

SET THE MESSAGE SCROLLING SPEED

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	CONF.	CONFIGURE	Configure mode entered
2	→	CNFG MACH	
3	→	Current coin mech option is displayed	
4	↓ twice	MSG SPEED	
5	→	The alphabet scrolls across the display.	
6	OPTIONS: ↓ to decrease the speed	The alphabet scrolls at a reduced speed.	All messages will scroll at the same speed.
	OPTIONS: ↑ to increase the speed	The alphabet scrolls at an increased speed.	
	OPTIONS: Do nothing to keep the present speed	The scrolling speed is not changed.	
7	CONTINUE		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

SET THE WINNER FEATURE ON OR OFF:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES		COMMENTS
1	CONF.	CONFIGURE		Configure mode entered
2	→	CNFG MACH		
3	→	Current coin mech option is displayed		
4	↓ seven times	OPTIONS	WINNER OFF	The WINNER feature is currently turned OFF.
		OPTIONS	WIN XXXX	The WINNER feature is currently turned ON. XXXX is the number of vends that must be completed before a winner takes place. Use the selection switch panel to enter a new winner number if desired. Range: 5 - 9999
5	OPTIONS — ENTER ACTION to change from WINNER OFF to WIN XXXX.	WIN XXXX		
	OPTIONS — ENTER ACTION to change from WIN XXXX to WINNER OFF.	WINNER OFF		
	OPTIONS — → once to select the trays from which WINNER selections can come. - THEN - Press the tray ID letter to switch between ON and OFF.	The ID letters from which WINNER selections can come are displayed.		When the tray ID is displayed, a winner can come from that tray.
6	OPTIONS — Repeat the prior step.			
	OPTIONS — CONTINUE			Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

SET THE BASIC CONFIGURATION:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	CONF.	CONFIGURE	Configure mode entered
2	→	CNFG MACH	
3	→	Current coin mech option is displayed	
4	↓ eight times	CNFIG XXXX	The current configuration is displayed. See the table below.
5	Use the selection switch keys to enter the desired configuration.	The new configuration is displayed.	CAUTION Do not enter a configuration code that differs from the machine's true configuration. Unreliable machine operation will result.
6	CONTINUE		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

Configuration Codes and Descriptions

CODE	DESCRIPTION
1000	Snacks
1001	Snacks/Fresh Brew Coffee
1002	Snacks/Fresh Brew Coffee, Espresso
1003	Snacks/Fresh Brew Coffee, Espresso, Cappuccino
1004	Snacks/Freeze Dry Coffee
1005	Snacks/Freeze Dry Coffee, Espresso
1006	Snacks/Freeze Dry Coffee, Espresso, Cappuccino
1007	Snacks/Cans
1008	Snacks/Cans/Fresh Brew Coffee
1009	Snacks/Cans/FB Coffee, Espresso
1010	Snacks/Cans/FB Coffee, Espresso, Cappuccino
1011	Snacks/Cans/Freeze Dry Coffee
1012	Snacks/Cans/FD Coffee, Espresso
1013	Snacks/Cans/FD Coffee, Espresso, Cappuccino
1014	Chilled Snacks
1015	Chilled Snacks/Fresh Brew Coffee
1016	Chilled Snacks/FB Coffee, Espresso
1017	Chilled Snacks/FB Coffee, Espresso, Cappuccino

CODE	DESCRIPTION
1018	Chilled Snacks/Freeze Dry Coffee
1019	Chilled Snacks/Freeze Dry Coffee, Espresso
1020	Chilled Snacks/FD Coffee, Espresso, Cappuccino
1021	Snacks over Cans
1022	Snacks over Cans/Fresh Brew Coffee
1023	Snacks over Cans/Fresh Brew Coffee, Espresso
1024	Snacks over Cans/FB Coffee, Espresso, Cappuccino
1025	Snacks over Cans/Freeze Dry Coffee
1026	Snacks over Cans/Freeze Dry Coffee, Espresso
1027	Snacks over Cans/FD Coffee, Espresso, Cappuccino
1028	Snacks/Fresh Food
1029	Snacks/Fresh Food/Fresh Brew Coffee
1030	Snacks/Fresh Food/Fresh Brew Coffee, Espresso
1031	Snacks/Fresh Food/FB Coffee, Espresso, Cappuccino
1032	Snacks/Fresh Food/Freeze Dry Coffee
1033	Snacks/Fresh Food/Freeze Dry Coffee, Espresso
1034	Snacks/Fresh Food/FD Coffee, Espresso, Cappuccino
1035 & UP	RESERVED

NOTE

This procedure is only available if your machine configuration code is 1007 through 1020 (see P4-11).

SET THE CAN UNIT COMPRESSOR CYCLE OFF TEMPERATURE **OR** SET THE CHILLED CANDY TARGET AIR TEMPERATURE:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	CONF.	CONFIGURE	Configure mode entered
2	→	CNFG MACH	
3	→	Current coin mech option is displayed	
4	↓ nine times	OPTIONS: C- - - - - - - - - W C W	The display shows the steps between colder and warmer. (The closer the dashes are to W, the warmer the temperature.) You can: Set the temperature at which the cold can unit turns OFF (the temperature at which the unit turn ON is fixed), **- OR -** Set the cabinet air temperature which the chilled candy unit will try to maintain.
5	OPTIONS: Press ← to lower the shut-off temperature. Press → to raise the shut-off temperature. Keep the current temperature.		
6	CONTINUE		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

NOTE

If power to the compressor is interrupted by software, three minutes must pass before the compressor will power up again. This also applies whenever you are switching from one basic configuration to another. Power-up due to power line drop or main power switch will not cause the 3 minute delay.

SELECT THE CUP SIZE LOADED IN THE HOT DRINK UNIT:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	CONF.	CONFIGURE	Configure mode entered
2	→	CNFG MACH	
3	→	Current coin mech option is displayed	
4	↓ until one of these displays are shown	OPTIONS: 5 OZ CUP / 7 OZ CUP / 8 OZ CUP / 9 OZ CUP	
5	OPTIONS: Press ENTER ACTION to scroll through the cup sizes.		
	OPTIONS: Go to the next step to keep the cup size shown in the display.		
6	Repeat the prior step if necessary.		
	OPTIONS: Press → to choose the default product times for this size cup.	The beeper sounds and the display flashes PRESET...TIME...USED - THEN - The current cup size returns to the display.	Individual default times can be overridden, if desired.
	CONTINUE		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

NOTES

SET THE RINSE CYCLE FREQUENCY:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	CONF.	CONFIGURE	Configure mode entered
2	→	CNFG MACH	
3	→	Current coin mech option is displayed	
4	↓ until this display is shown	RINSE XX	XX = The number of hours between the most recent vend and the next rinse cycle. Range: 2 - 10 hours in 1 hour increments
5	OPTIONS: Enter a new frequency using the selection switch panel.		
	OPTIONS: CONTINUE		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

TEST THE OPERATION OF THE AIR COMPRESSOR:

STEP	ENTER THIS KEYSTROKE...		AND THE DISPLAY INDICATES	COMMENTS
1	SERVICE		SERVICE	Service mode entered
2	→		VR XXXX	
3	↓ until this display is shown		AIR COMPR	Allows testing the operation of the air compressor.
4	ENTER ACTION			The air compressor operates for one cycle.
5	OPTIONS	Repeat the previous step to test the air compressor again.		
		CONTINUE		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

P7-11

TEST THE OPERATION OF THE BREWER MECHANISM:

STEP	ENTER THIS KEYSTROKE...		AND THE DISPLAY INDICATES	COMMENTS
1	SERVICE		SERVICE	Service mode entered
2	→		VR XXXX	
3	↓ until this display is shown		BREWER	Allows testing the operation of the brewer mechanism.
4	ENTER ACTION			The brewer mechanism operates for one cycle.
5	OPTIONS	Repeat the previous step to test the brewer mechanism again.		
		CONTINUE		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

P7-12

TEST THE OPERATION OF THE BREWER RINSE SYSTEM:

STEP	ENTER THIS KEYSTROKE...		AND THE DISPLAY INDICATES	COMMENTS
1	SERVICE		SERVICE	Service mode entered
2	→		VR XXXX	
3	↓ until this display is shown		BREW RINSE	Allows testing the operation of the brewer rinse system.
4	ENTER ACTION			The brewer rinse system operates for one cycle.
5	OPTIONS	Repeat the previous step to test the brewer rinse system again.		
		CONTINUE		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

P7-13

TEST THE OPERATION OF THE BOWL RINSE SYSTEM:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	SERVICE	SERVICE	Service mode entered
2	→	VR XXXX	
3	↓ until this display is shown	BOWL RINSE	Allows testing the operation of the bowl rinse system.
4	ENTER ACTION		The bowl rinse system operates for one cycle.
5	OPTIONS: Repeat the previous step to test the bowl rinse system again.		
	OPTIONS: CONTINUE		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

P7-14

TEST THE OPERATION OF THE FOOD DOOR:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	SERVICE	SERVICE	Service mode entered
2	→	VR XXXX	
3	↓ until this display is shown	FOOD DOOR	Allows testing the operation of the food door.
4	ENTER ACTION		The food door opens (if closed), or closes (if open).
5	OPTIONS: Repeat the previous step to test the food door again. (Make sure the door is closed before you leave this test.)		
	OPTIONS: CONTINUE		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

P7-15

TEST THE OPERATION OF THE DELIVERY DOOR LOCK SOLENOID:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	SERVICE	SERVICE	Service mode entered
2	→	VR XXXX	
3	↓ until this display is shown	DOOR LOCK	Allows testing the operation of the delivery door lock solenoid.
4	ENTER ACTION		The delivery door lock solenoid energizes (if deenergized), or deenergizes (if energized).
5	OPTIONS: Repeat the previous step to test the delivery door lock solenoid again.		
	OPTIONS: CONTINUE		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options

P7-16

VIEW THE FOOD MODULE TEMPERATURE:

STEP	ENTER THIS KEYSTROKE...	AND THE DISPLAY INDICATES	COMMENTS
1	SERVICE	SERVICE	Service mode entered
2	→	VR XXXX	
3	↓ until this display is shown	TEMP XX YY	Allows viewing the temperature of the food module (YY). XX is the time remaining on the health control timer, if it was activated.
4	ENTER ACTION		
5	CONTINUE		Options: 1. Close monetary door 2. Press another function switch 3. See advanced programming section for other options