

GLASS FRONT MERCHANDISER
VISI-COMBO - BOTTLES, 39" VCB
AND
VISI-COMBO - FOOD, 39" VCF
ILLUSTRATED PARTS MANUAL

LOO76, REV. C

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AMS Glass Front Merchandiser
39-VCB and 39-VCF
Illustrated Parts Manual

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GENERAL INTRODUCTION

The purpose of this manual is to give our customers a way of identifying major service parts for repair and replacement. The illustrations and parts list in this manual are for identification of these service parts only.

Illustrations of these major parts are keyed with our part numbers. The illustrations help identify the general design, position and orientation of these parts. The note section may also give important information.

Please refer to the section on merchandiser identification on the following pages. Without the model style and serial number it may be difficult to identify the required part.

Parts should be ordered from your distributor.

It is our intent to assist our customers with up-to-date documentation. However, this manual may not show all parts, variations or changes. Some parts may be shown slightly out of scale. This manual is itself subject to change without notice. If any errors are found, please notify AMS so the correction can be included in later revisions. Engineering data and third party information are generally not included. The graphical data, group assembly data, parts, part assembly, parts breakout information and tabular data conveyed by this manual is proprietary and belongs to AMS, and holders without prior consent of or without knowledge of and by AMS must surrender this data immediately.

All measurements are in inches except where specified as Metric.

MANUAL ORGANIZATION

This manual is divided into sections representing the general parts of our merchandisers. Each section is further divided into the various subsections or subassemblies of the machine. Each subsection leads off with one or more illustrations showing the parts. Each part shown is identified with the part number.

After the illustrations, the part number in the illustration is paired with our drawing description or title for that part. In some instances there may be multiple parts to choose from. However, the correct service or repair part for the style of merchandiser must be selected. There is a note section where additional information may be found.

A quantities column in the list provides information on the total quantities required for each set-up as shown. Some assemblies are fabricated as a unit at AMS and are replaceable only as a complete assembly. Optional parts identify parts contracted for and installed in the factory at AMS.

This manual contains model and style information for a vendor as found in previous revisions or parent manuals, including corrections. It may also contain additional and new information, especially if it is specific to your new vendor. Previous revisions of this manual should be kept for use with the vendor it was issued for.

MERCHANDISER IDENTIFICATION

When requesting service, replacement parts or technical assistance, please use the **Model Number, Serial Number and Date Code**, found on the Serial Plate (Refer to Figure 1) affixed to the merchandiser. The plate is usually located to the side of the window. The information contained on this plate is necessary to determine what parts, kits, or maintenance apply to your vendor.

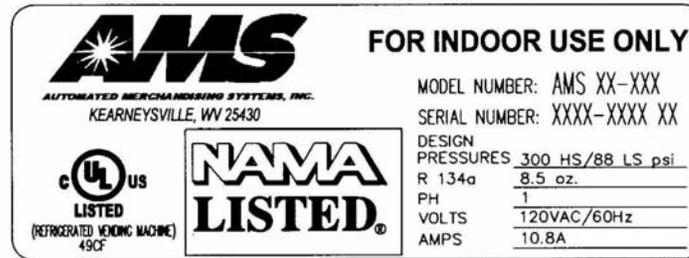


Figure 1. Example of Serial Plate

Model Number Breakdown

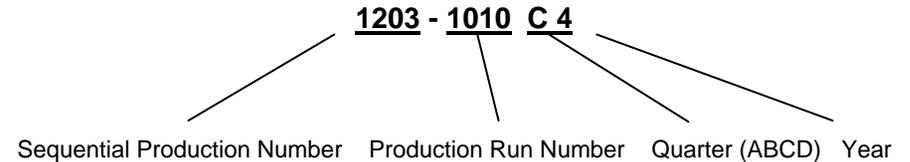


Example: AMS35 VCB means it is an Automated Merchandising Systems merchandiser, **35"** wide, with the cabinet trays and columns configured for food, bottles and/or milk –VCB or VCF.

VCB indicates Visi-Combo - Bottles. Chilled bottle items are dispensed from the lower trays, and above a dividing bulkhead chilled snack items are dispensed (Not for H&S items).

VCF indicates Visi-Combo – Food. Perishable food items are kept within Health and Safety temperature limits prior to vending.

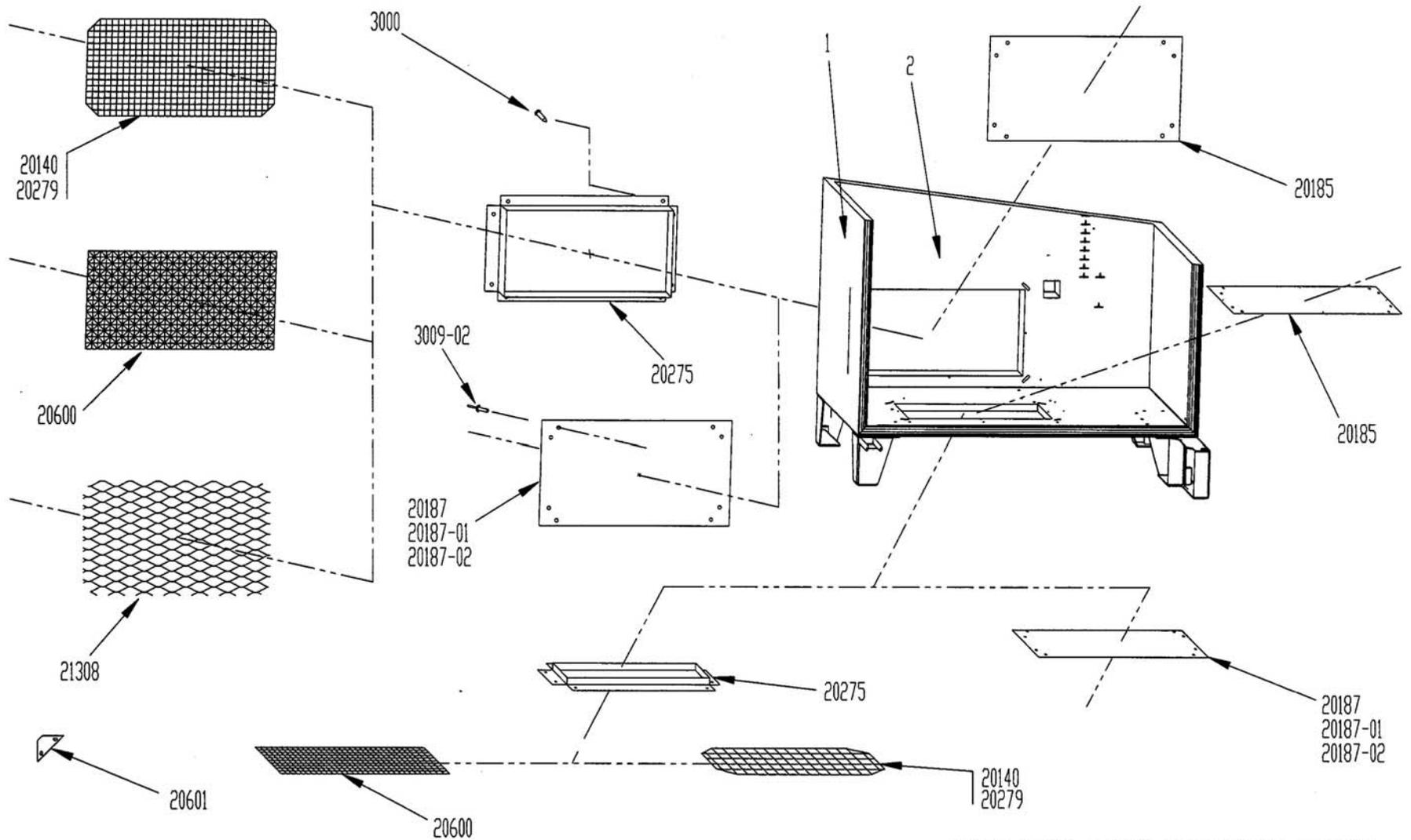
Serial Number and Date Code Breakdown



Example: 1203-1010-B3 is translated as U.S. built **1** machine number **203** on production run number **1010** manufactured in the third quarter (**C**) of **2004**.

The Sequential Production Number of machines built in the U.S. starts with the number 1 or any odd number. The Sequential Production Number of machines built in Mexico starts with the number 0 or any even number.

CABINET COVERS AND SCREENS ILLUSTRATION



CABINET COVERS AND SCREENS 39" VCB/VCF 10/26/2004

CABINET COVERS AND SCREENS PARTS LIST

PART NO.	PART DESCRIPTION	QTY	NOTES
1	39" Cabinet Wrapper	1	Cabinet Wrapper - Outside
2	39" Cabinet Tank	1	Cabinet Tank - Inside
3000	Screw, Sheet Metal, TEK 8-18	8	Quantities For One Trim
3009-02	Rivet, Pop, Steel, 1/8" (1/3" Long)	8	Quantities For One Cover
21040	Screen, Rear Chiller Hole, 8 Mesh		With H&S - 1/8 x 1/8 Welded Galvanized Also Used for Bottom Hole
20185	Tank, Rear Chiller Hole Cover	1	Also Used for Tank Bottom Cover
20187	Wrapper Rear Chiller Hole Cover 39" Black	1	Also Used for Wrapper Bottom Cover
20187-01	Wrapper Rear Chiller Hole Cover 39" Coca Cola Red		
20187-02	Wrapper Rear Chiller Hole Cover 39" Bimbo Blue		
20275	Trim, Rear Chiller Hole 39"	1	Steel Trim Holds Screens Also Used for Bottom Hole
20279	Screen, Rear Chiller Hole	1	W/O H&S - 1/4 x 1/4 Welded Galvanized Also Used for Bottom Hole
20600	Screen, Rear Insect (39")	1	18x16 Mesh, .011, Aluminum Also Used for Bottom Hole
20601	Corner, Insect Screen	2	Obsolete (ECN 1112)-Not Used
21308	Expanded Metal, Rear Chiller Hole (39")	1	16 GA. Flattened Galvanized Carbon Steel Usually Used Over Rear Screen Only

General Note: The rear opening and the bottom opening are the same size on 39" Cabinet. All screen materials are fitted into trim parts, and trim parts are attached to the outside of the cabinet. The combination of mesh and screens used may differ between merchandisers. Covers to seal the cabinet are always attached inside and outside the cabinet at the same time, after removing the trim.

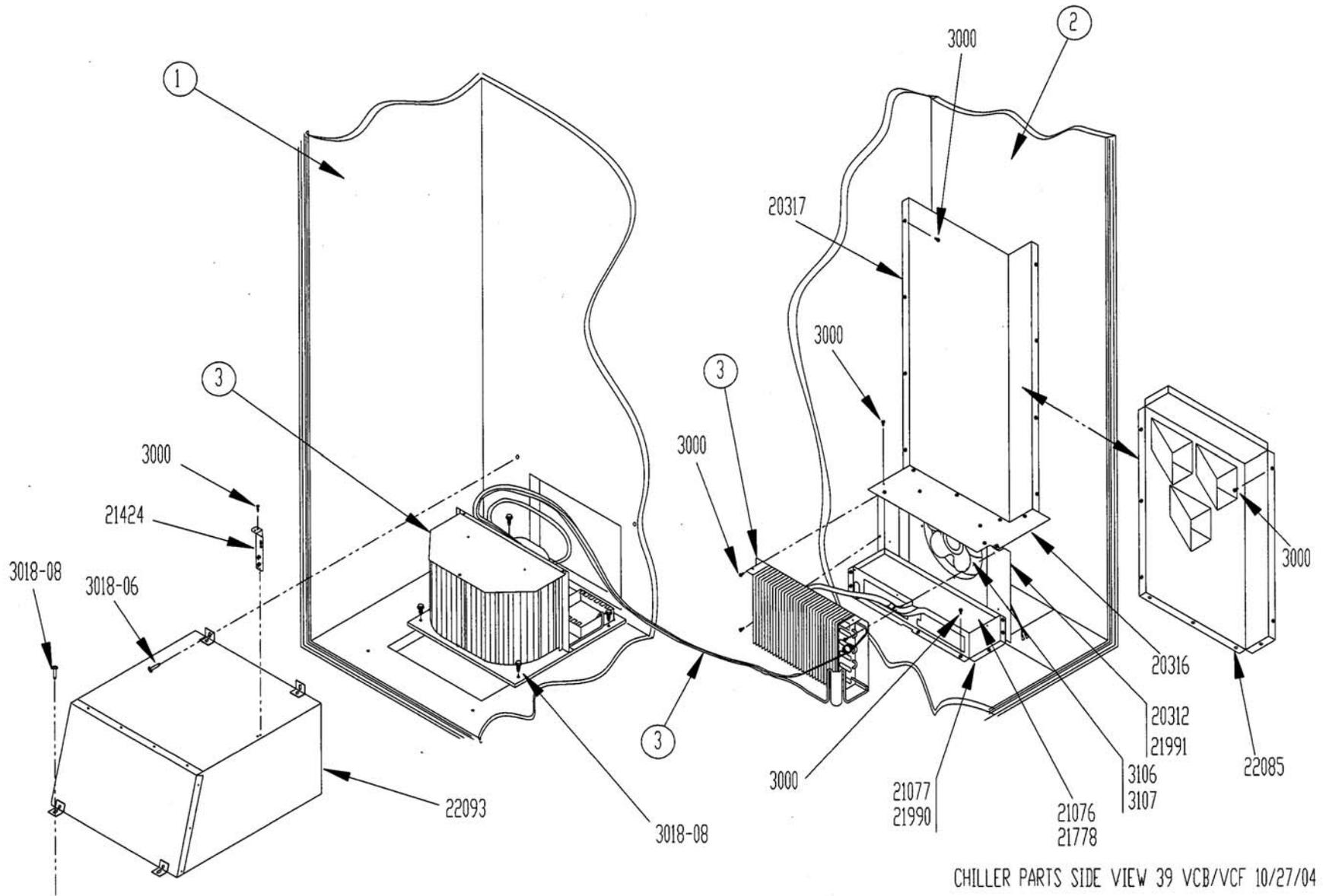
CABINET PARTS FOR VCB AND VCF PARTS LIST

PART NO.	PART NAME	QTY	NOTES
3000	Sheet Metal Screw TEK #8-18	54	(Estimated Qty)
3006-08	Nut, 8-32, Hex, Machine Screw	1	For Attaching Power Harness
3007-06	Screw, 5/16-18, Type F	16	4 Per Leg
3009-04	Rivet, Pop, Steel, 1/8 x 1/4 Grip	10	For Lock (Est. Qty)
3010	Nut, Square, Machine Screw, 1/2"-13	1	For Lock
3017-10	Washer, #10 SAE Flat	4	For Power Harness/Door Stop Cable
3018	Sheet Metal Screw, 1/4"	3	For Lock
3057	Inlet, Panel Mount, IEC	1	Snapped Into Place at Rear of Cabinet
3060-10	Nut, 10-32, W/Nylon Insert	2	For Both Ends of Door Stop Cable
3061-06	Screw, 10-32, x 3/4, Phillips Pan Head	2	For Door Stop Cable
3067	Spacer, 0.192 ID x 0.125 Length x 3/8 Dia.	2	For Door Stop Cable
3084-10	Screw, Sems, 8-32	1	For Power Harness
3113	Push Nut, 3/16" Stud	2	
3133	Assembly, Fuse Holders and Fuses	1	For 3AG Fast Blow Fuse Only
3284	Switch, Rocker, On/Off	1	For 24VAC Circuit Control
20019	Leg, Roller Bracket	1	
20121	Leveling Leg	5	Cabinet To Be Leveled Using All Legs
20135	Lock Flange	1	For Lock
20136	Lock Cage	1	For Lock
20177	Roller, Molded (Nylon)	1	
20213	Flange, Right Vertical	1	
20291	Cover Plate, Hinge Hole, Ver. 2	1	For Top Hinge Bolts
20292	Shipping Board	1	Right Side 40" Long
20292-2	Shipping Board	1	Right Side 38-3/8" Long
20292-01	Shipping Board	1	Left Side 40" Long
20292-03	Shipping Board	1	Left Side 38-3/8" Long
20321	Cover, IEC Inlet	1	For Securing Power Cord Grommet
20349	Assembly, Cabinet, 39", Service	1	
20362	Rail Mount, Left Vertical (3")	1	
20481	Extension, Left Vertical Rail Mount	1	
20608	Cover, Power Cord	1	Optional For Securing Power Cord
20693	1" Bracket	4	For Securing Visi-Combo Bulkhead

20790	Bulkhead, Visi Combo Cabinet, Lot Temp (35")	1	For Visi-Combo Option
20880	Cover Plate, Transformer, Low Temp	1	
20882	Cover Plate, Fixed Upper, Low Temp	1	
20883	Cover Plate, Fixed Lower, Low Temp	1	
20907	Bulkhead, Right Rail Mount, Low Temp	1	
21053	Stiffener, Right Vertical Rail Mount	1	
21079	Cable Assembly, Door Stop, Modified	1	Mounting Hardware Not Shown
21087	Plate, Door Switch Spring	1	
21122	Assembly, Leg, Front Hinge With Thread Cover	1	
21123	Assembly, Leg, Left Front with Thread Covers	1	
21124	Assembly Leg, Rear with Thread Covers	2	
21125	Assembly, Cabinet, 39", Low Temp	1	
21250	Shaft, Headed Roller (Zinc Plated)	1	
21476	Rail Mount, Right Vertical, Low Temp	1	
21479	Plate, Fuse Holder, Socket And Power Switch Mount	1	
21509	Decal, 24V Fuse, Ver. 2	1	
21691	Enclosure, Fan Switch, Ver. 2	1	Normally Open Switch, P/N 3199
22005	Assembly, Right Rail Mount Door	1	
22071	Assembly, Cabinet, Version 04, (39")	1	
22072	Assembly, Cabinet, Service, Version 04 (39")	1	

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CHILLER PARTS ILLUSTRATION - SIDE VIEW

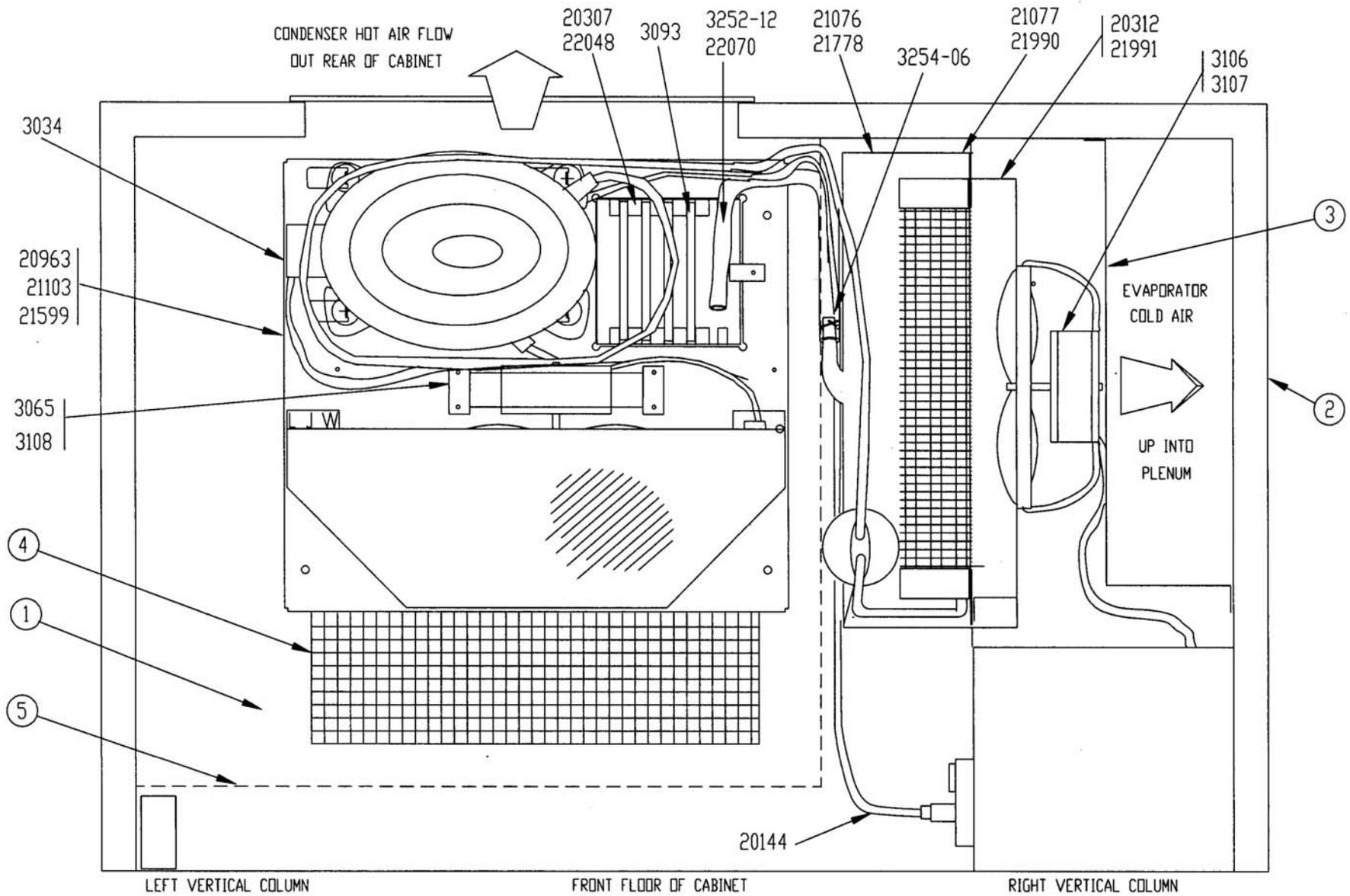


CHILLER – SIDE VIEW PARTS LIST

PART NO	PART DESCRIPTION	QTY	NOTES (See Note A Below)
1	Cabinet Tank Wall, Left Side	---	For Reference
2	Cabinet Tank Wall, Right Side	---	For Reference
3	Chiller Unit (Condenser, Heat Exchanger, Evaporator)	1	For Reference, See Note A.
3000	Sheet Metal Screw TEK #8-18	46	(Estimated Qty)
3018-06	Screws, ¼ x ¾, Self Tapping, Hex Head	2	For Attaching To Walls
3018-08	Screws, ¼ x 1, Self Tapping, Hex Head	6	For Attaching To Floor
3106	Evaporator Fan/Motor Assembly, 220V, 50Hz, 1 Phase	1	Check Voltage!
3107	Evaporator Fan/Motor Assembly, 110V, 60Hz, 1 Phase		Check Voltage!
20312	Evaporator Mounting Panel, Low Temp	1	Use With 21076 Pan
20316	Evaporator Cover Plate, Low Temp	1	
20317	Evaporator Plenum	1	Standard Plenum
21076	Pan, ½" Evaporator Drain	1	Soldered Pan
21077	Base, ½" Evaporator Drain Pan	1	Use With 21076 Pan
21424	Bracket, Temperature Sensor, Sensit II	1	
21778	Pan, Evaporator Drain, Stamped Steel	1	
21990	Base, Stamped, Evaporator Drain Pan	1	Use With 21778 Pan
21991	Evaporator Mounting Panel, Stamped Drain Pan	1	Use With 21778 Pan
22085	Plenum for Visi-Combo	1	Use under Visi-Combo Bulkhead
22093	Housing, Chiller Housing, Low Temp	1	

NOTE A: Chiller assemblies are charged with refrigerant and are replaceable only as an assembly.

CHILLER PARTS ILLUSTRATION - TOP VIEW

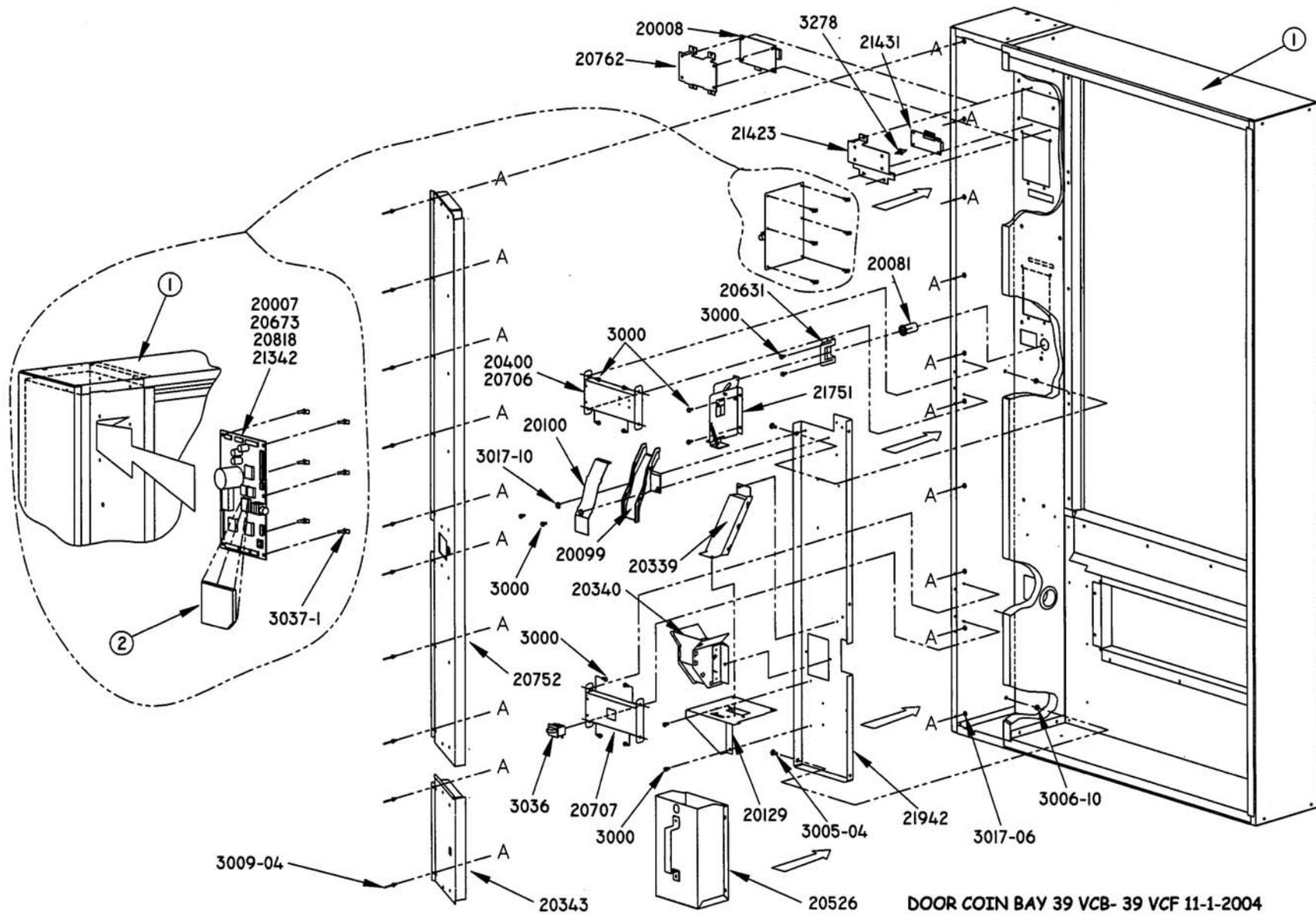


CHILLER -- TOP VIEW PARTS LIST

PART NO	PART DESCRIPTION	QTY	NOTES (See Note A Below)
1	Cabinet Bottom	1	For Reference
2	Inside Cabinet Wall, Right Side	1	For Reference
3	Cold Air Plenum Wall	1	For Reference
4	Condenser Air Inlet Screen Under Chiller	1	For Reference
5	General Outline of Chiller Housing	1	For Reference
3034	Split Insulation Tubing	1	Heat Exchanger Tubing Insulation, 7 Foot
3065	Fan, Condenser Assembly, 220V, 50Hz, 1 Phase	1	Check Voltage!
3093	Sponge (Condenser Drain Pan)	4	
3106	Evaporator Fan/Motor Assembly, 220V, 50Hz, 1 Phase	1	Check Voltage!
3107	Evaporator Fan/Motor Assembly, 110V, 60Hz, 1 Phase	1	Check Voltage!
3108	Fan, Condenser Assembly, 110V, 60Hz, 1 Phase	1	Check Voltage!
3252-12	Tubing, ½", Clear, Flexible	1	
3254-06	Tubing Clamp	1	Clamps 22070 Tubing To Pan
20144	Refrigeration Harness	1	Use With Both 110V or 220V Systems
20307	Condenser Drain Pan	1	Pan With Soldered Corners
20312	Evaporator Mounting Panel, Low Temp	1	Use With 21076 Pan
20963	Assembly, 1/2 Plus H.P. Chiller, 120V (39"), AMS (WV)	1	Assembly Only
21076	Pan, ½" Evaporator Drain	1	Pan With Soldered Corner
21077	Base, ½" Evaporator Drain Pan	1	Use with 21076
21103	Assembly, 1/2 Plus H.P. Chiller, 240V (39"), AMS (WV)	1	Assembly Only
21599	Assembly, 1/2 Plus H.P. Chiller, 120V (39"), AMSINT (MEX)		
21778	Pan, Evaporator Drain, Stamped Steel	1	
21990	Base, Stamped, Evaporator Drain Pan	1	Use With 21778 Pan
21991	Evaporator Mounting Panel, Stamped Drain Pan	1	Use With 21778 Pan
22048	Condenser Drain Pan, Formed	1	Stamped
22070	Tubing, ½", Clear, Flexible, Vinyl (17")	1	Drains Evaporator Condensate

NOTE A: Chiller assemblies are charged with refrigerant and are replaceable only as an assembly.

DOOR COIN BAY ILLUSTRATION



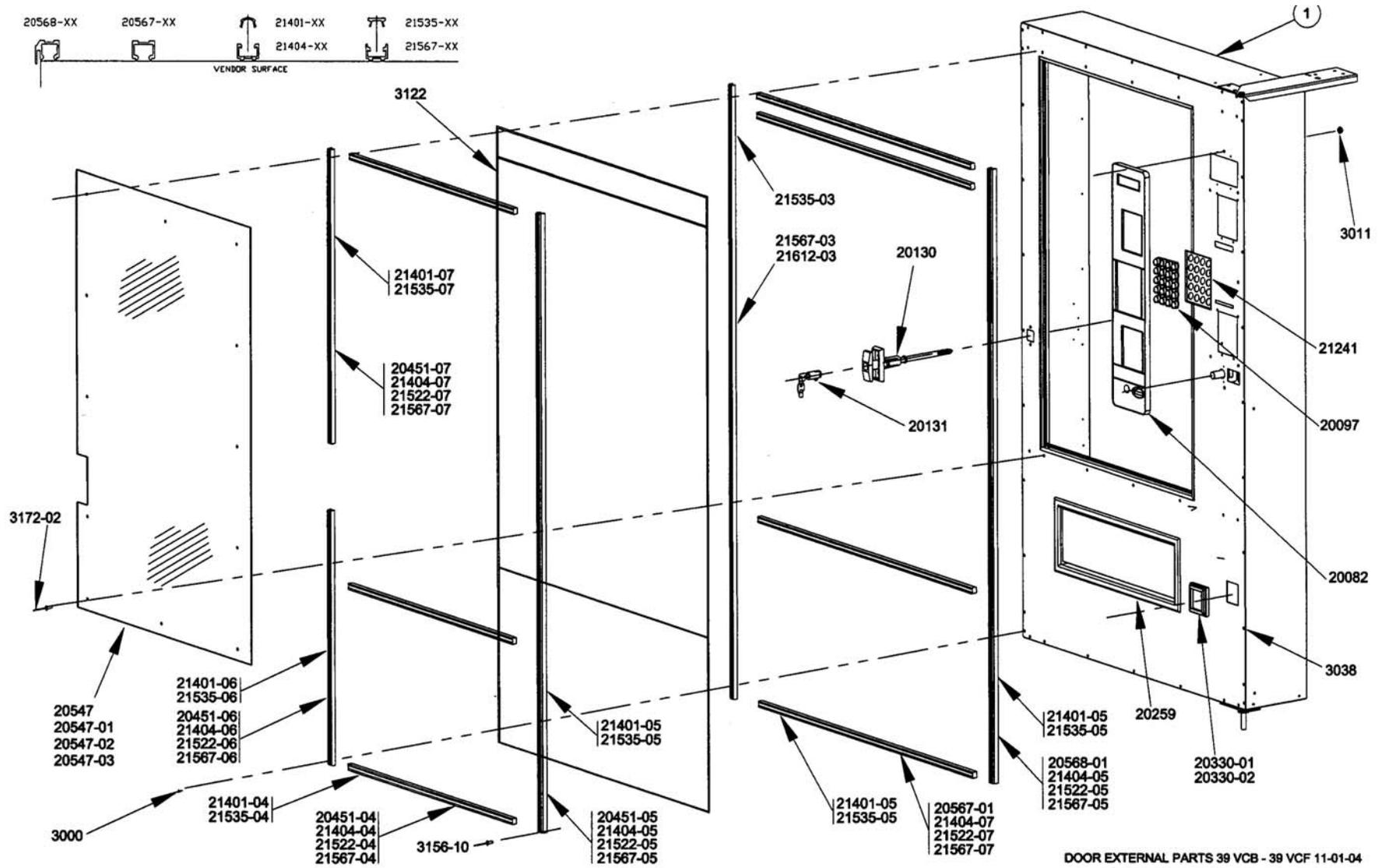
DOOR COIN BAY PARTS LIST

PART NO.	PART NAME	QTY	NOTE
1	Assembly, Foamed Door, 39"	1	See Door External Parts for Door P/N's
1	Program Chip	1	Contact AMS for your application.
3000	Screw, Sheet Metal TEK 8-18	18	
3005-04	Carriage Bolt, #10-24, 1/2"	5	
3006-10	Nut, Hex, Machine Screw, #10-24	5	
3009-04	Rivet, Steel, 1/8", Black, 3/8"-Grip Length 1/4"	10	
3017-06	Washer, Flat Steel, SAE Std., #6 Screw 5/32	10	
3017-10	Washer, Flat Steel, SAE Std., #10 Screw 7/32 X 1/2	2	
3036	Switch, Panel Mount Rocker	1	
3037-1	PC Board Support (3/16")	6	
3038	Rivet, Nylon, Trim	5	
3278	Circuit Board Support	4	Sensit II
20081	Scavenger Button	1	
20007	Electronic Control, (Snack/Food Only)	1	Sensit I, Obsolete, See 20818
20008	Display Board, Digital	1	Sensit I Only
20099	Coin Chute, Insert	1	
20100	Coin Chute Cover	1	
20129	Coin Box Bulkhead	1	
20281	Door Stiffener, Bottom (Without Fuse and Switch)	1	Obsolete, See 20281
20339	Assembly, Coin Chute	1	
20340	Assembly, Coin Cup	1	
20343	Coin Door Assembly, Lower	1	
20400	Door Stiffener, Upper (With Fuse and Switch)	1	Obsolete, See 20706
20526	Assembly, Coin Box	1	
20631	Bracket, Scavenger Stop	1	
20673	Electronic Control (Snack/Food or Visi-Combo)	1	Sensit I, Obsolete, See 20818
20706	Door Stiffener, Upper, Without Fuse And Switch	1	
20707	Door Stiffener, Bottom With Switch	1	
20751	Assembly, Scavenger	1	
20752	Assembly, Coin Door, Upper (51")	1	
20762	Assembly, LED Mount Bracket	1	Sensit I Only
20818	Electronic Control (With Bottle Connector)	1	Sensit I Only

21342	Control Board, Sensit II	1	Sensit II
21423	Bracket, Display 80mm x 36mm	1	Sensit II
21431	Display, 2 Line, 16 Character, Sensit II	1	Sensit II
21942	Mounting Panel, Changer, Multi-Use	1	

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DOOR, EXTERNAL PARTS ILLUSTRATION



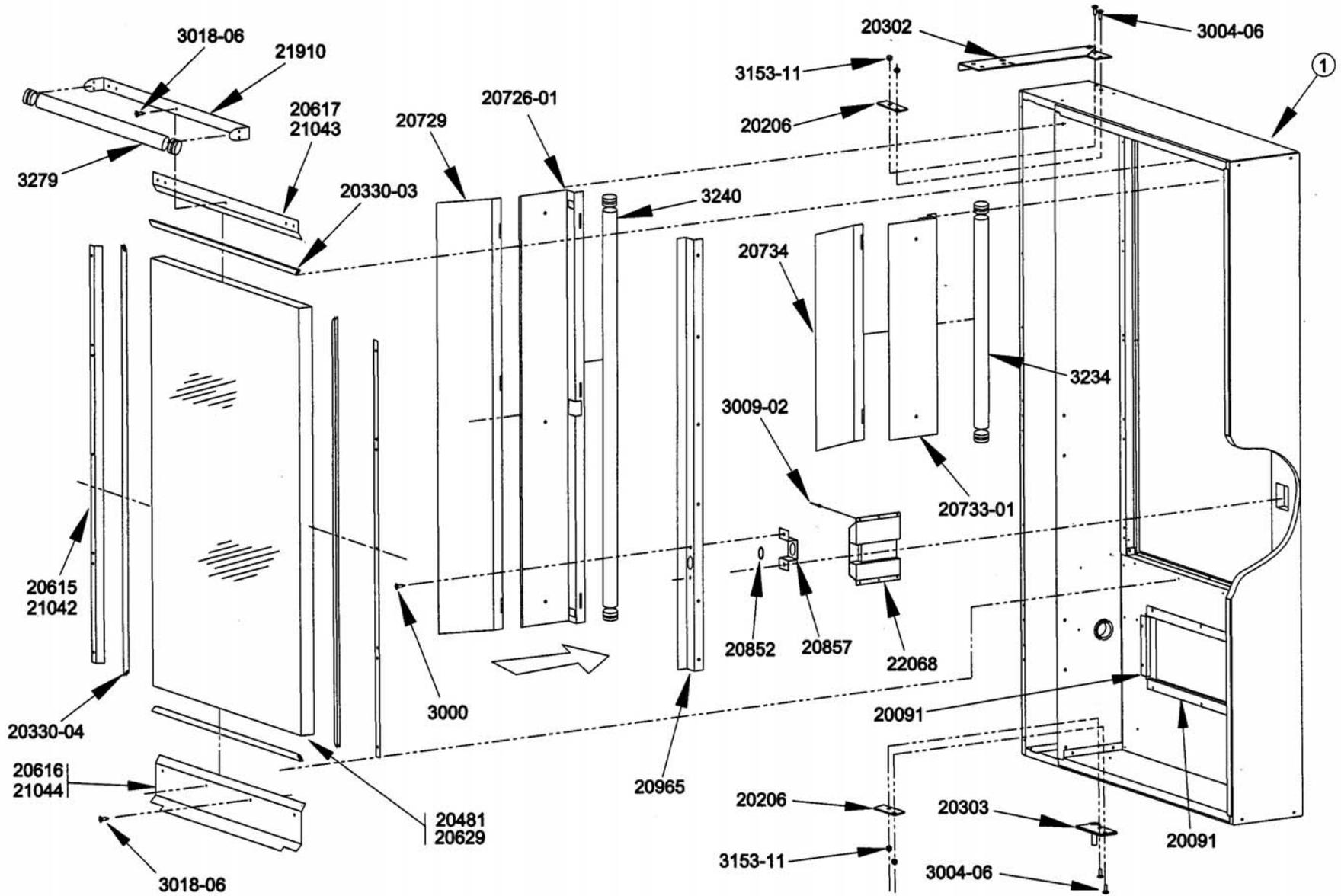
DOOR, EXTERNAL PARTS LIST

PART NO.	PART NAME		QTY	NOTE
1	21338	Assembly, Foamed Door, Low Temp (39")	1	No Trim Option
	21339	Assembly, Foamed Door, Low Temp W/Trim Holes (39")		3122, 20567-01, 21404-07, 21522-07, 21567-07, 20568-01, 21040-05, 21522-05, 21567-05 Used For This Door
	21340	Assembly, Foamed Door, Low Temp W/WC Holes (39")		Items 300, 3038, 3122, 3156-10, 20451-04, 21404-04, 21522-04, 21567-04, 21401-04, 21535-04, 21401-05, 21535-05, 21401-06, 21535-06, 21401-07, 21535-07 Used For This Door
	21341	Assembly, Foamed Door, Low Temp W/WC Holes W/O Trim Holes (39")		No Trim Option. 20547, 20547-01, 20547-02, 20547-03 Used on This Door
	21482	Assembly, Door (39"), Low Temp, Less Options		No Trim Option
	21493	Assembly, Foamed Door, Low Temp (39"), Coke Red		No Trim Option
	21494	Assembly, Foamed Door, Low Temp W/Trim Holes (39"),Coke Red		3122, 20567-01, 21404-07, 21522-07, 21567-07, 20568-01, 21040-05, 21522-05, 21567-05 Used For This Door
	21495	Assembly, Foamed Door, Low Temp W/WC Holes (39"),Coke Red		Items 3000, 3038, 3122, 3156-10, 20451-04, 21404-04, 21522-04, 21567-04, 21401-04, 21535-04, 21401-05, 21535-05, 21401-06, 21535-06, 21401-07, 21535-07 Used For This Door
	21496	Assembly, Foamed Door, Low Temp W/WC Holes W/O Trim Holes (39") Coke Red		No Trim Option. 20547, 20547-01, 20547-02, 20547-03 Used on This Door
	21520	Assembly, Foamed Door, Low Temp (39")		3122, 20567-01, 21404-07, 21522-07, 21567-07, 20568-01, 21040-05, 21522-05, 21567-05 Used For This Door
	21521	Assembly, Foamed Door, Low Temp W/WC Holes (39")		Items 3000, 3038, 3122, 3156-10, 20451-04, 21404-04, 21522-04, 21567-04, 21401-04, 21535-04, 21401-05, 21535-05, 21401-06, 21535-06, 21401-07, 21535-07 Used For This Door
21620	Assembly, Foamed Door, Low Temp, Plastic Doubler, (39")	See Note A Below. No Trim Option		

1	21621	Assembly, Foamed Door, Low Temp, Plastic Doubler, W/Trim Holes (39")	1	See Note A Below. 3122, 20567-01, 21404-07, 21522-07, 21567-07, 20568-01, 21040-05, 21522-05, 21567-05 Used For This Door
	21622	Assembly, Foamed Door, Low Temp, Plastic Doubler, W/WC Holes (39")		See Note A Below. Items 3000, 3038, 3122, 3156-10, 20451-04, 21404-04, 21522-04, 21567-04, 21401-04, 21535-04, 21401-05, 21535-05, 21401-06, 21535-06, 21401-07, 21535-07 Used For This Door
	21623	Assembly, Foamed Door, Low Temp, Plastic Doubler, W/WC Holes W/O Trim Holes (39")		See Note A Below. No Trim Option. 20547, 20547-01, 20547-02, 20547-03 Used on This Door
3000	Screw, Sheet metal, TEK 8-18	28	For Use With 21404, 21522, 21567	
3011	Self Threading Nut, ¼" Stud	8	For securing Escutcheon	
3038	Rivet, Nylon, Trim	40	For Use With 20567-01, 20568-01, 20451-03, 20451-05, 20451-06, 20451-07	
3122	Striping Tape, ¼" Black (Optional for Riveted Aluminum)	21'	See Note B. Use With 20567-01, 20568-01, 20451-04, 20451-05, 20451-06, 20451-07,	
3156-10	Rivet, Aluminum, 1/8" Diameter, Natural (5/8" Grip)	15	For Use With 20567-01, 20568-01, 20451-03, 20451-05, 20451-06, 20451-07	
3172-02	Rivet, Aluminum, ¼" Diameter, Natural (1/4" Grip)	15	For Securing Window Covers	
20082	Escutcheon	1		
20097	Button	20		
20130	T-Lock Assembly (Lockset And Keys 20131)	1		
20131	Lockset And Keys	1		
21241	Assembly, Membrane Switch, 4x5, Alphanumeric	1		
20259	Assembly. Vend Eyelet, (39")	1		
20330	Trim, Extruded Edge (20330-01 and -02)	2		
20451-04	Trim, Aluminum #1, 29.19	3	See NOTE A Below	
20451-05	Trim, Aluminum #1, 63.25	1	See NOTE B Below	
20451-06	Trim, Aluminum #1, 30.17	1	See NOTE B Below	
20451-07	Trim, Aluminum #1, 29.48	1	See NOTE B Below	
20547	Window Cover, Polycarbonate (39"), .110 Thick	1		
20547-01	Window Cover, Polycarbonate (39"), .180 Thick			
20547-02	Window Cover, Polycarbonate (39"), .234 Thick			
20547-03	Window Cover, Polycarbonate (39"), .234 Thick, MR-10 Scratch Resistant			
20567-01	Trim, Riveted Aluminum #1 (34.95)	4	See NOTE B Below	
20568-01	Trim, Riveted Aluminum #2 (63.075)	2	See NOTE B Below	

21401-04	Trim, Insert, Plastic, Black	3	Use With 21404-04 and 21522-04
21401-05	Trim, Insert, Plastic, Black	4	Use With 21404-05 and 21522-05
21401-06	Trim, Insert, Plastic, Black	1	Use With 21404-06 and 21522-06
21401-07	Trim, Insert, Plastic, Black	1	Use With 21404-07 and 21522-07
21404-04	Trim Base, W/Holes, Aluminum (Natural)	3	See NOTE C Below
21404-05	Trim Base, W/Holes, Aluminum (Natural)	1	See NOTE C Below
21404-06	Trim Base, W/Holes, Aluminum (Natural)	1	See NOTE C Below
21404-07	Trim Base, W/Holes, Aluminum (Natural)	1	See NOTE C Below
21522-04	Trim Base, W/Holes, Painted (Black)	3	
21522-05	Trim Base, W/Holes, Painted (Black)	1	
21522-06	Trim Base, W/Holes, Painted (Black)	1	
21522-07	Trim Base, W/Holes, Painted (Black)	4	
21535-04	Trim, Plastic Insert, For Recessed Base	3	Use with 21567-04
21535-05	Trim, Plastic Insert, For Recessed Base	4	Use with 21567-05
21535-06	Trim, Plastic Insert, For Recessed Base	1	Use with 21567-06
21535-07	Trim, Plastic Insert, For Recessed Base	1	Use with 21567-07
21567-04	Recessed Trim Base With Holes	3	See NOTE D Below
21567-05	Recessed Trim Base With Holes	1	See NOTE D Below
21567-06	Recessed Trim Base With Holes	1	See NOTE D Below
21567-07	Recessed Trim Base With Holes	4	See NOTE D Below
GENERAL NOTE	Trim Packages, Window Cover Packages and other options contracted for and installed at AMS may not apply to your vendor.		
NOTE A	Assembly, Foamed Door, Low Temp, Plastic Doublers are production parts installed on merchandisers 0001-1119 through 0017-1119, and 0001-1121 and after.		
NOTE B	Trim Parts 20567-01, 20568-01, 20451-03, 20451-05, 20451-06, 20451-07 and 3122 were production parts prior to vendor numbers 0238-1106 C2, and also for vendors 0001-1107 C2, 0067-1107 C2 through 0071-1107 C2 and 0102-1107 C2 through 0112-1107 C2.		
NOTE C	Trim parts 21404 Trim Base, W/Holes, Aluminum (Natural), 21401 Trim, Insert, Plastic, Black, and 21522 Trim Base, W/Holes, Painted (Black), became production parts installed on merchandiser 0238-1106 through 0243-1106, 0002-1107 through 0066-1107, 0072-1107 through 0101-1107, 0001-1108 and after. Prior parts are no longer being installed.		
NOTE D	Trim parts 21567 Recessed Trim Base With Holes (35" and 39"), and 21535 Trim, Plastic Insert, For Recessed Base, became production parts installed on merchandiser 0084-1121 and after. Prior parts are no longer being installed.		

DOOR HINGES AND GLASS ILLUSTRATION

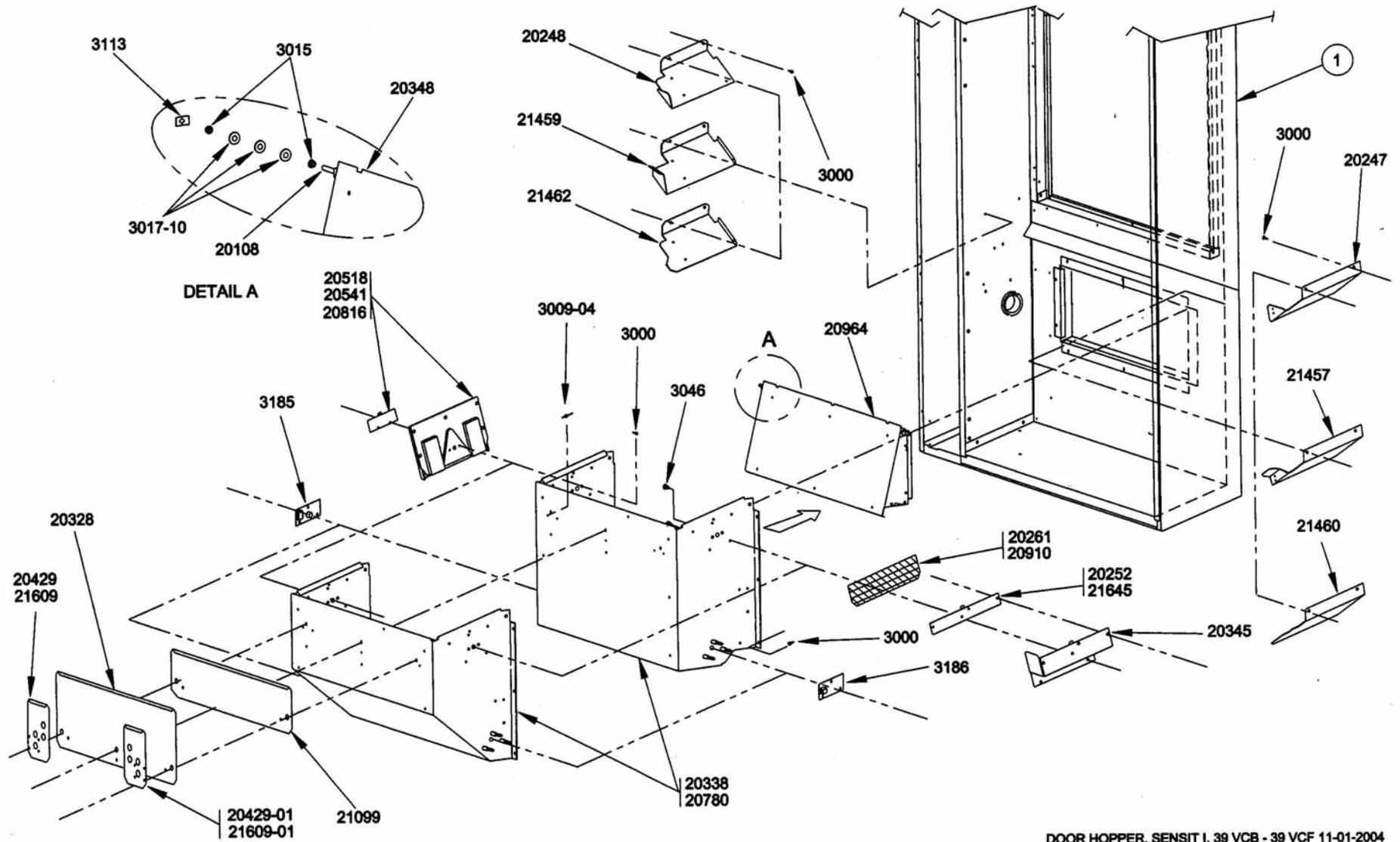


DOOR HINGES-GLASS 39 VCB - 39 VCF 11/02/2004

DOOR HINGES AND GLASS PARTS LIST

PART NO.	PART DESCRIPTION	QTY.	NOTE
1	Assembly, Foamed Door, 39"	1	See Door External Parts For Door P/N's
3000	Screw, TEK 8-18	9	
3004-06	Carriage Bolt, 1/4-20, 3/4"	4	
3009-02	Rivet, Pop, Steel, 1/8 Diameter	6	
3018-06	Screw, 1/4 X 3/4, Self Tapping, Hex Head	20	For Glass Retainers
3153-11	Nut, Hex With Lock Washer	4	
3234	Lamp Cover, T8, 24", Clear, With End Caps	1	VCF Option
3240	Lamp Cover, T8, 36", Clear, With End Caps	1	VCF Option
3279	Lamp Cover, T8, 18", Clear, With End Caps	1	VCB Option Make by Cutting 3240 in Half
20091	Retainer, Horizontal, Eyelet	2	
20092	Retainer, Vertical, Eyelet	2	
20206	Hinge, Washer Plate	2	
20302	Assembly, Hinge, Top (Black), Door	1	
20303	Assembly, Hinge Bottom, Door	1	
20330-03	Trim, Extruded Edge, 26.76 (Required for Glass), Hor.	2	Use with Glass
20330-04	Trim, Extruded Edge, 42.00 (Required For Glass), Vert.	2	Use with Glass
20481	Window, Glass, 1-1/8" Triple Pane (39")	1	
20615	Retainer, Triple Pane Glass, Vertical	2	Use with 20629
20616	Retainer, Triple Pane Glass, Bottom Ver. 3 (39")	1	Use with 20629
20617	Retainer, Triple Pane Glass, Top (39")	1	Use with 20629
20629	Window, Glass, Triple Pane (39")	1	Use with 21482 Door
20726-01	Lamp Bracket, 36" Vertical	1	For VCF Dual Light Option
20729	Lamp Cover, 36" Vertical	1	Clear Polycarbonate
20733-01	Lamp Bracket, 24" Vertical	1	For VCF Dual Light Option
20734	Lamp Cover, 24" Vertical	1	Clear Polycarbonate
20852	Seal, T-Handle, Low Temp	1	
20857	Lock Bolt Alignment Bracket	1	
20965	Tray Restraint, Low Temp, Reduced Depth	1	
21042	Retainer, 1-1/8" Triple Pane Glass, Top (39")	1	Use with 20841
21043	Retainer, 1-1/8" Triple Pane Glass, Vertical (39")	1	Use with 20841
21044	Retainer, 1-1/8" Triple Pane Glass, Bottom (39")	1	Use with 20841
21910	Lamp Bracket, Horizontal, Low Temp (35")	1	For VCB Option
22068	Assembly, Lock Bolt Cover, Low Temp, Ver. E.	1	

DOOR, PRODUCT HOPPER WITH SENSIT I ILLUSTRATION



DOOR, PRODUCT HOPPER WITH SENSIT I PARTS LIST

PART NO.	PART DESCRIPTION	QTY.	NOTE
1	Assembly, Foamed Door, 39"	1	See Door External Parts For Door P/N's
3000	Screw, TEK 8-18	15	(Estimated Quantity)
3009-04	Rivet, Pop, Steel, 1/8 x 1/4 Grip	8	(Estimated Quantity)
3015	Bearing, Nyliner Snap-In	4	
3017-10	Washer, Flat Steel, SAE Std. , #10 Screw 7/32 X 1/2	6	
3046	Bumper	2	Nylon Rivet/Fastener
3113	Pushnut, 3/16" Stud	2	
3185	Emitter Board	1	For Sensing Product Inside Hopper
3186	Detector Board	1	For Sensing Product Inside Hopper
20108	Vend Door, Shaft (39")	1	
20247	Product Kicker, Left	1	
20248	Product Kicker Right	1	
20252	Sensor, Emitter Board	1	
20261	Sensor Diffuser	1	
20328	Deflector Plate (39")	1	Use if not using Gum and Mint or 1.5" Tray
20338	Assembly, Vend Hopper, 39" (square bottom)	1	See Note Below
20780	Assembly, Bottle Hopper (tapered back)	1	See Note Below
20345	Emitter Mounting Bracket Assembly	1	
20429	Deflector Plate, Gum And Mint (Used W/Gum And Mint), Right	1	Rivet To Hopper
20429-01	Deflector Plate, Gum And Mint (Used W/Gum And Mint), Left	1	Rivet To Hopper
20518	Assembly, Sensor	1	Order 20518 And 20541 as Assembly 20816
20541	Sensor, Detector Board 2	1	Order 20518 And 20541 as Assembly 20816
20816	Assembly, Detector and Housing With Anti-Fog Lens	1	
20910	Assembly, Aligned Diffuser	1	
20964	Assembly, Vend Door, 39"	1	
21099	Deflector Plate, Reduced Depth, 39" (Top Bent Back 45°)	1	Use if not using Gum and Mint or 1.5" Tray
21609	Deflector, 1.5 Helix Tray, RH	1	Rivet To Back Of Hopper (Top Bent Back 45°)
21609-01	Deflector, 1.5 Helix Tray, LH	1	Rivet To Back Of Hopper (Top Bent Back 45°)
21457	Product Kicker, Left, Ver. 2	1	
21459	Product Kicker, Right, Low Temp, Ver. 2	1	
21460	Product Kicker, Without Flange, Left, Ver. 2	1	Use For Milk Trays
21462	Product Kicker, Without Flange, Right, Low Temp, Ver. 2	1	Use For Milk Trays
21645	Emitter Board, Sensit I	1	

GENERAL NOTE: From Vendor S.N. 0046-1114 (10/29/02) and after, all 39" vending machines will be equipped with the bottle hopper only.

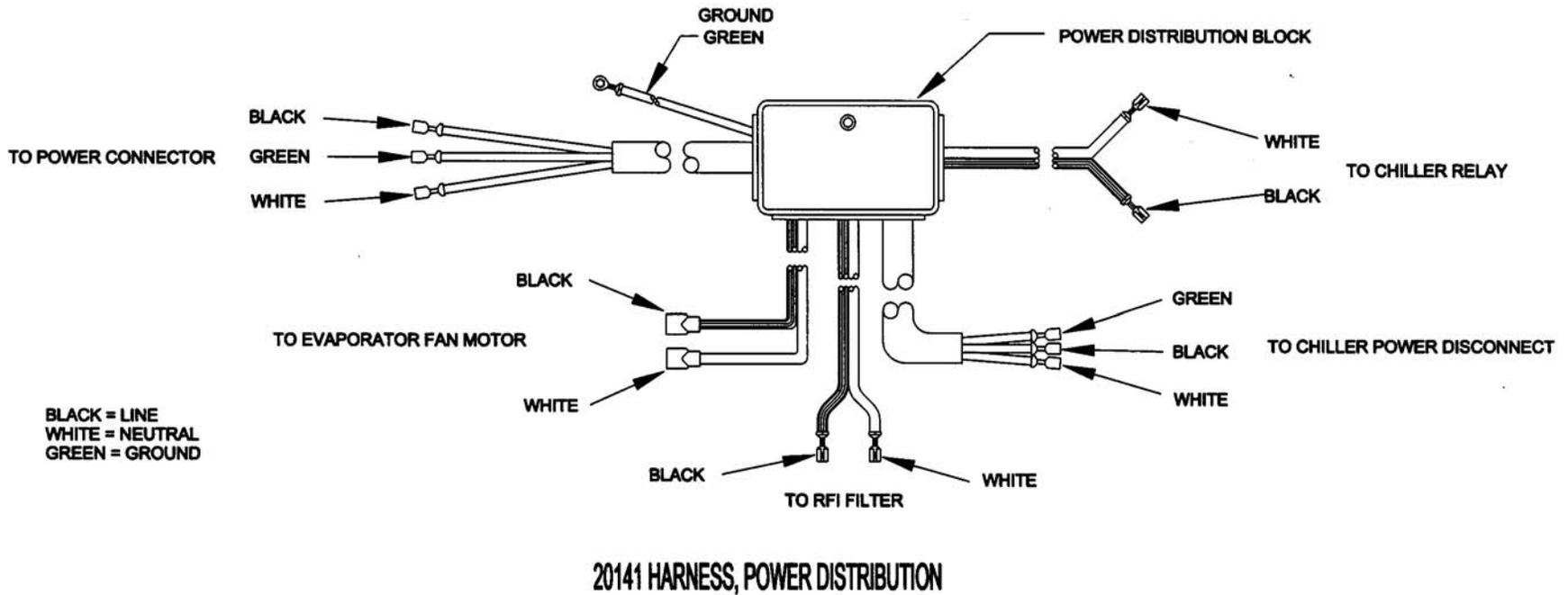
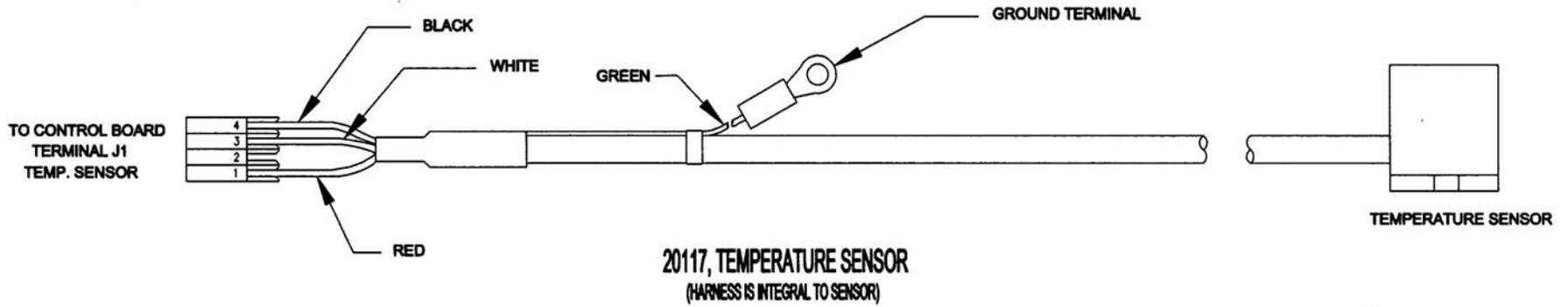
DOOR HOPPER WITH SENSIT II PARTS LIST

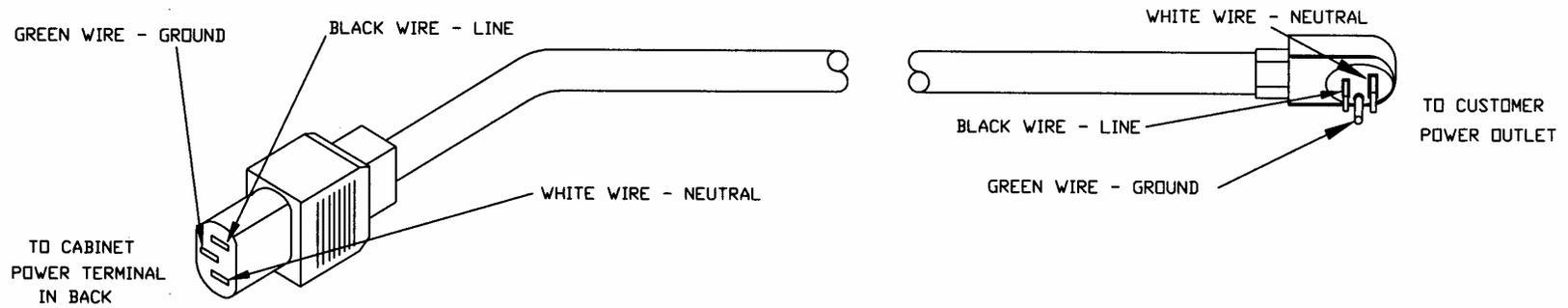
PART NO.	PART DESCRIPTION	QTY.	NOTE
1	Assembly, Foamed Door, 39"	1	See Door External Parts for Door P/N's
3000	Screw, TEK 8-18	28	(Estimated Quantity)
3002-04	Screw, Machine, Type F, 8-32	4	3/4" Long, Self-Tap, Phillips, Round Head
3009-04	Rivet, Pop, Steel, 1/8 x 1/4 Grip	8	(Estimated Quantity)
3015	Bearing, Nyliner Snap-In	4	
3017-10	Washer, Flat Steel, SAE Std. , #10 Screw 7/32 X 1/2	6	
3025-24	Grommet, Rubber, 1-1/2 ID x (1-3/4 OD X .062 Groove)	1	Harness Pass-Through
3113	Pushnut, 3/16" Stud	2	
3237	Tape, 3/8 x 1/4", Urethane Foam, Adhesive Backed	15"	Cut To Lengths As Required
20108	Vend Door, Shaft (39")	1	
20247	Product Kicker, Left	1	(Left Hand When Facing Front Of Door)
20248	Product Kicker Right	1	
20328	Deflector Plate (39")	1	Apx. 6.5" High
20429	Deflector, Gum and Mint Tray, RH	1	Rivet To Back Of Hopper For G&M Tray
20429-01	Deflector, Gum and Mint Tray, LH	1	Rivet To Back Of Hopper For G&M Tray
21099	Deflector Plate, Reduced Depth (39")	1	45° Bend At Top
21628	Assembly, Vend Hopper, Low Temp	1	
21383	Detector, Delivery Sensor, Sensit II	1	
21384	Emitter, Delivery Sensor, Sensit II	1	
21385	Detector, Product Sensor, Sensit II	1	
21386	Emitter, Product Sensor, Sensit II	1	
21413	Assembly, Delivery Sensor Detector Bracket, Sensit II	1	
21415	Assembly, Delivery Sensor Emitter Bracket, Sensit II	1	
21418	Assembly, Delivery Sensor Detector Cover, Sensit II	1	
21420	Assembly, Delivery Sensor Emitter Cover, Sensit II	1	
21442	Assembly, Product Sensor Emitter Bracket, Sensit II	1	
21443	Assembly, Product Sensor Detector Bracket, Sensit II	1	
21457	Product Kicker, Left, Ver. 2	1	
21459	Product Kicker, Right, Low Temp, Ver. 2	1	
21460	Product Kicker, Without Flange, Left, Ver. 2	1	Use For Milk Trays
21462	Product Kicker, Without Flange, Right, Low Temp, Ver. 2	1	Use For Milk Trays
21609	Deflector, 1.5 Helix Tray, RH	1	Rivet To Back Of Hopper When Using 1.5" Tray

21609-01	Deflector, 1.5 Helix Tray, LH	1	Rivet To Back Of Hopper When Using 1.5" Tray
21613	Lens, Product Sensor Bracket, Sensit II	2	
21651	Assembly, Vend Door, Low Temp (39")	1	
21690	Enclosure, Door Switch, Ver 2	1	Normally Closed Switch, P/N 3036
21692	Plate, Fan Switch Striker, Ver. 2	1	Above Detector Sensor
22044	Assembly, Vend Hopper With Wireway, Sensit II (39")	1	For Doors With Plastic Liners
22045	Assembly, Vend Hopper With Product Sensors and Wireway, Sensit II (39")	1	For Doors With Plastic Liners

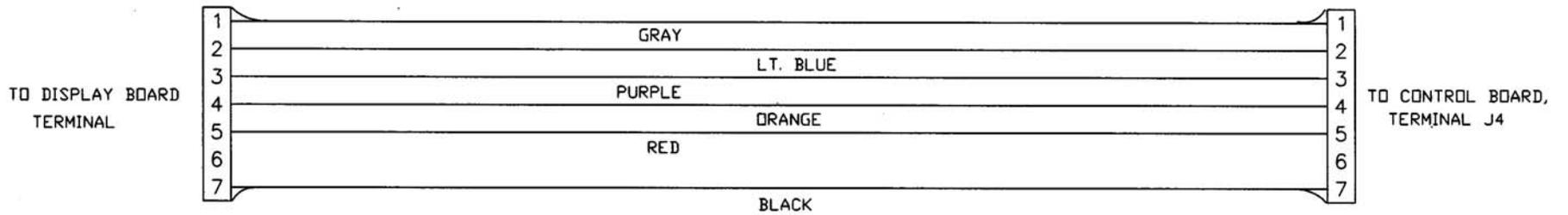
GENERAL NOTE: From Vendor S.N. 0046-1114 (10/29/02) and after, all 39" vending machines will be equipped with the bottle hopper only.

ELECTRICAL HARNESS ILLUSTRATIONS

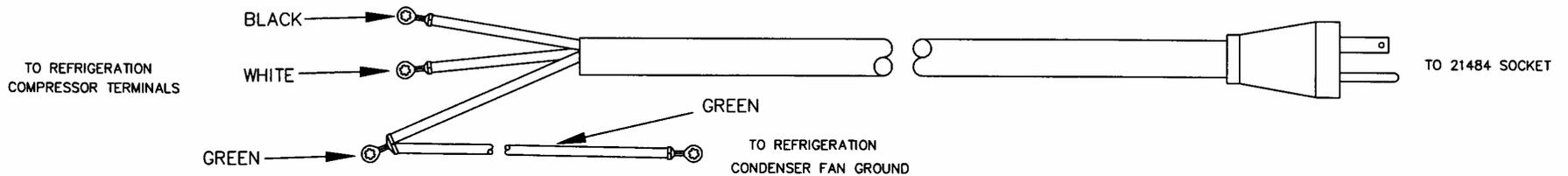




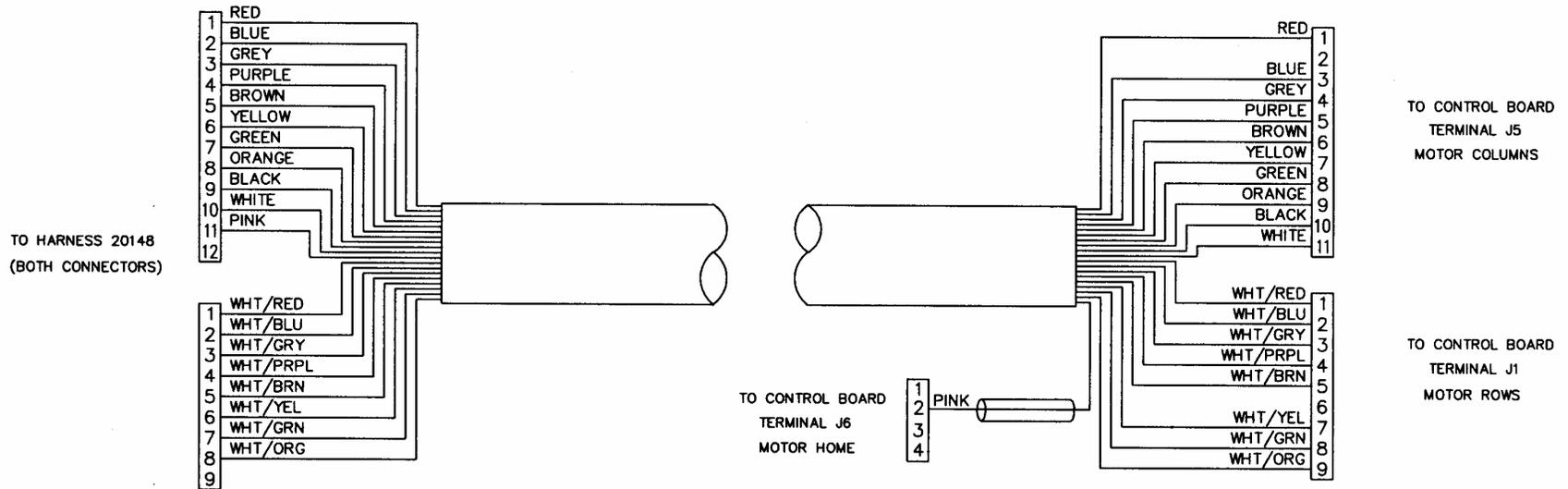
20142, POWER CORD ASSEMBLY, 115V DOMESTIC (U.S.)



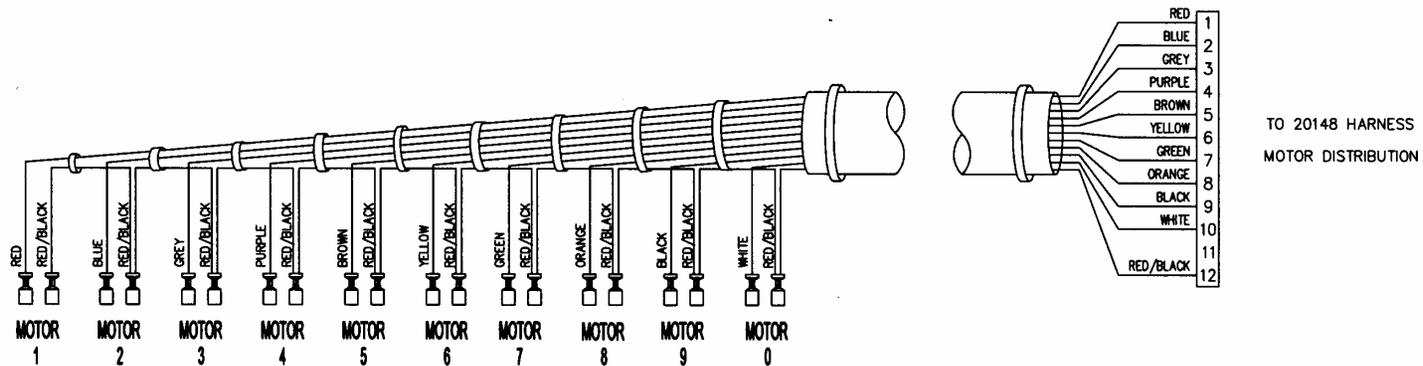
20143, HARNESS, DISPLAY
(SAME CONNECTOR ON BOTH ENDS)



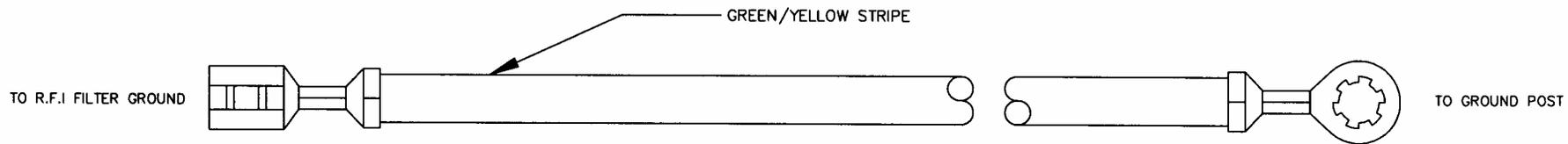
20144, HARNESS, REFRIGERATION



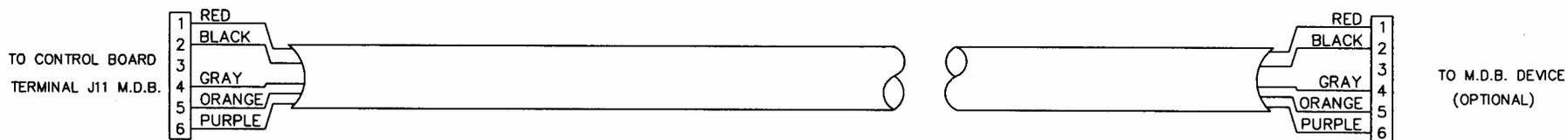
20146, HARNESS, DOOR MOTORS



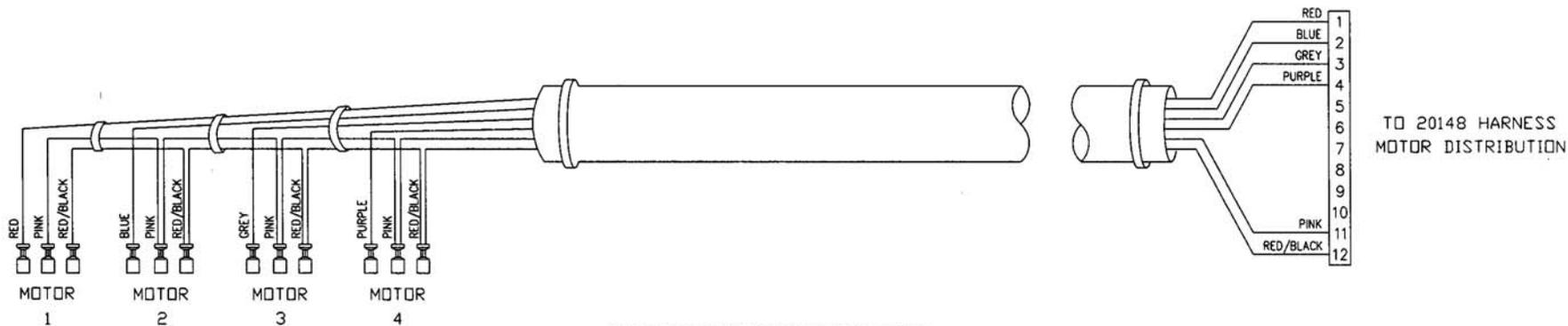
20147, HARNESS, TRAY, 10 COLUMN



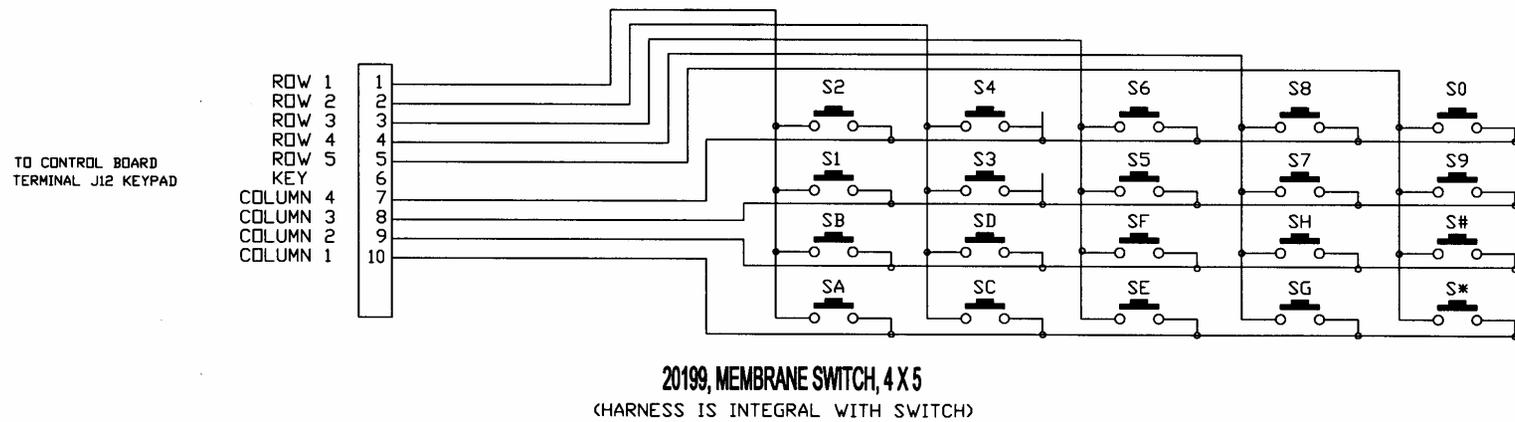
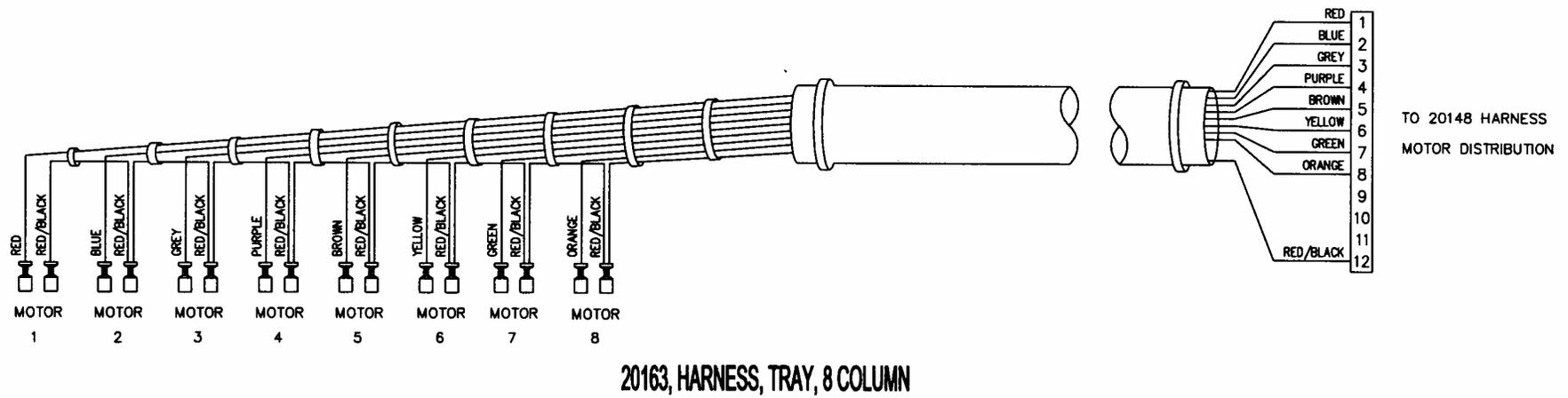
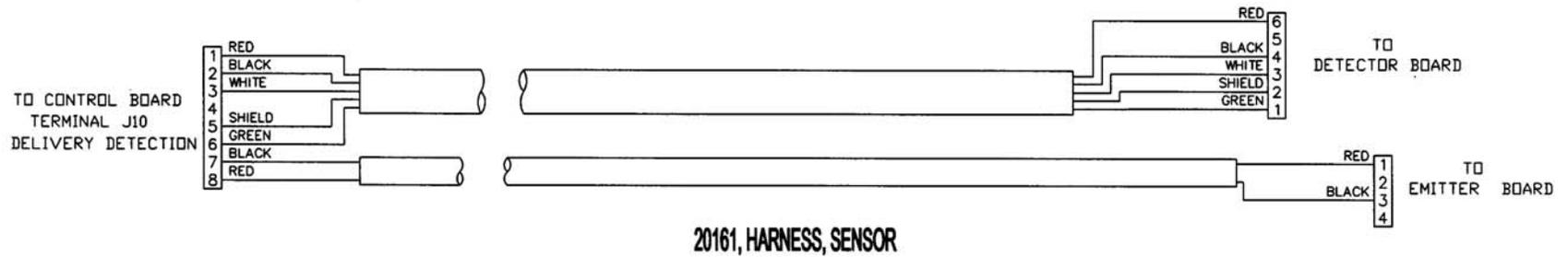
20154, HARNESS, R.F.I. FILTER GROUND

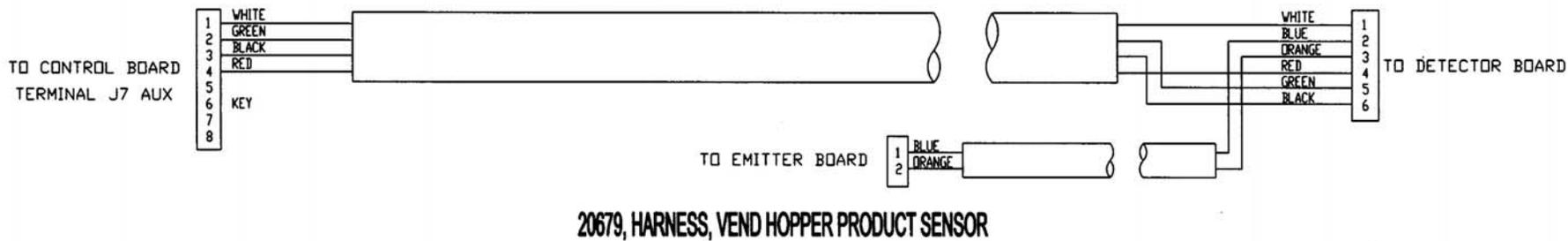
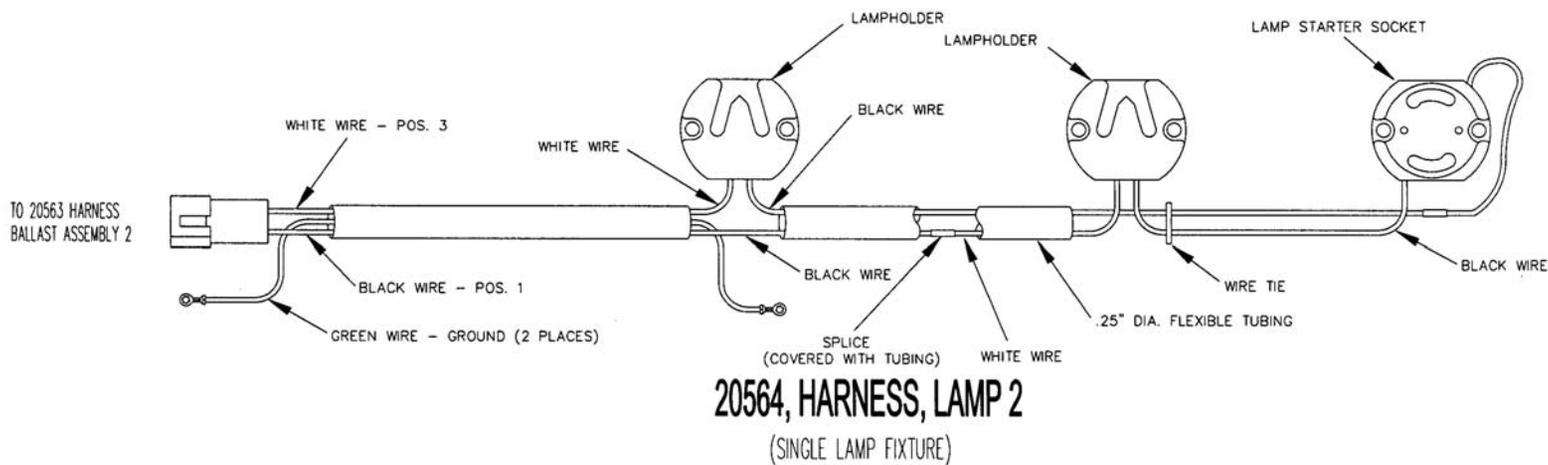
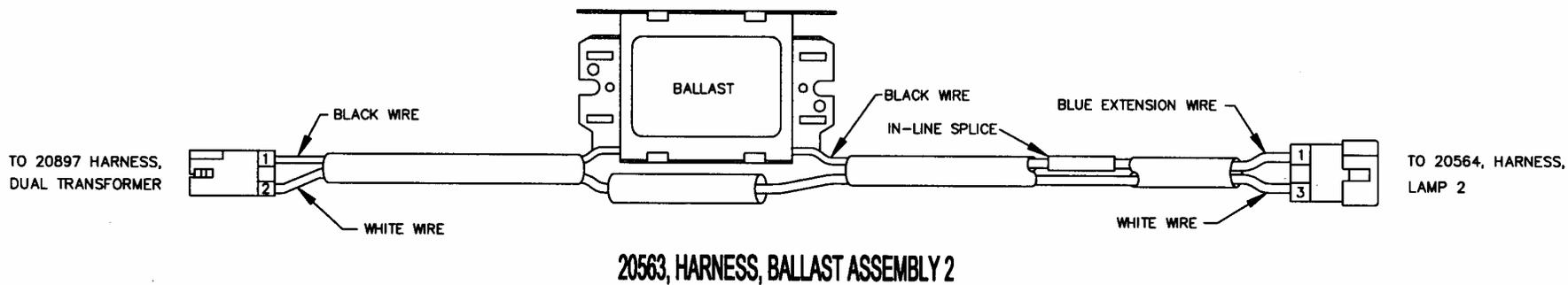


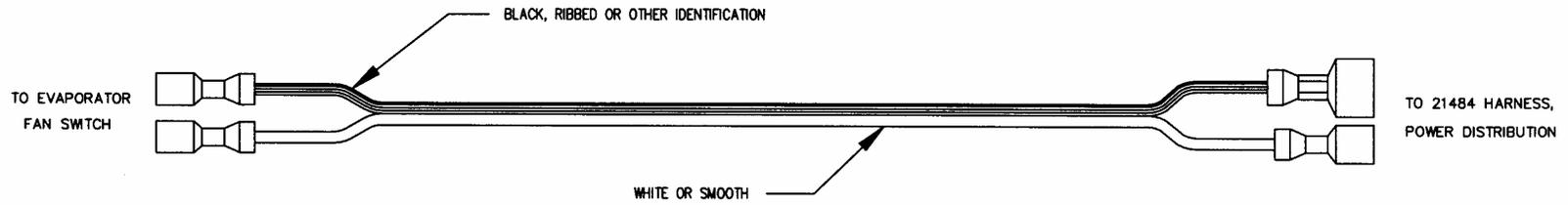
20158, HARNESS, MULTI-DROP BUS



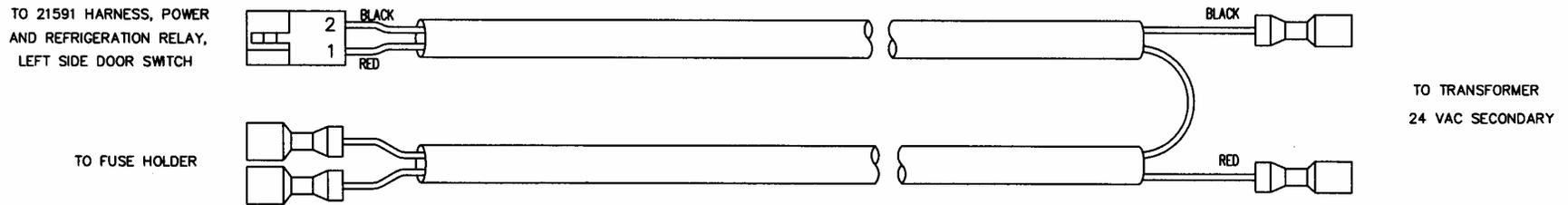
20160, HARNESS, GUM AND MINT TRAY



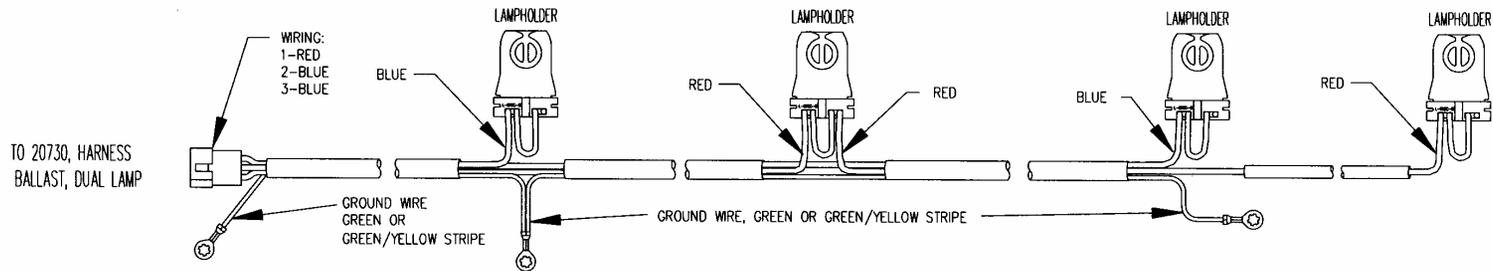




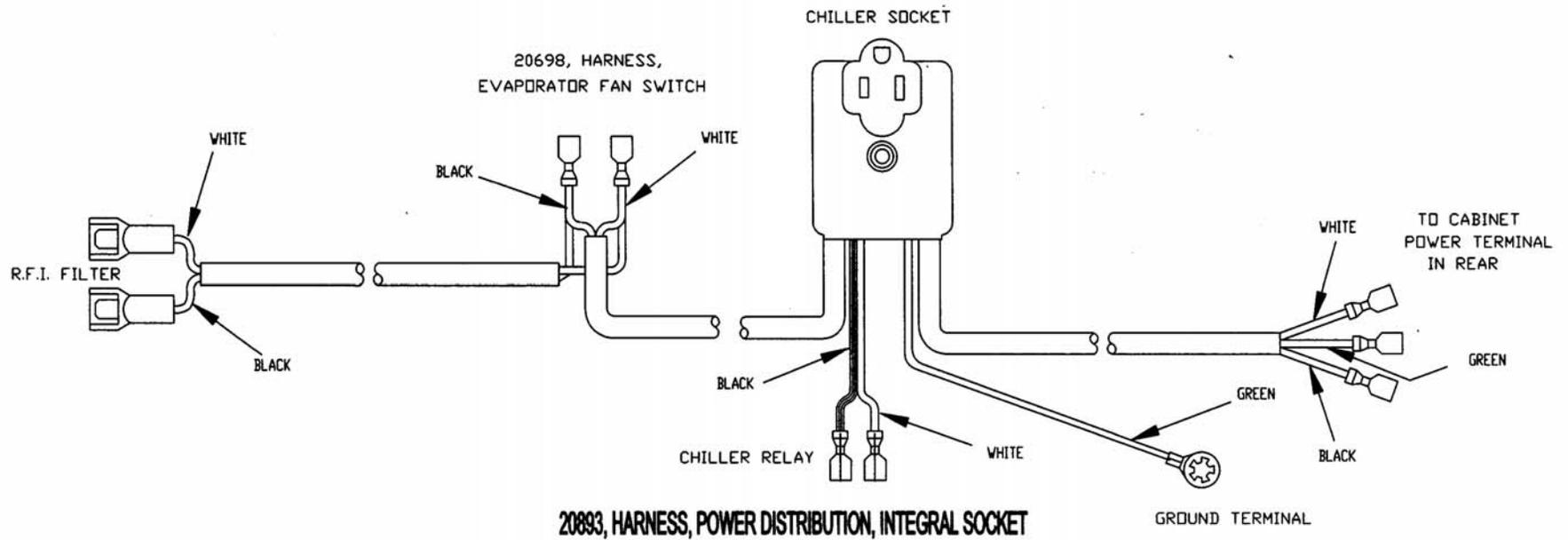
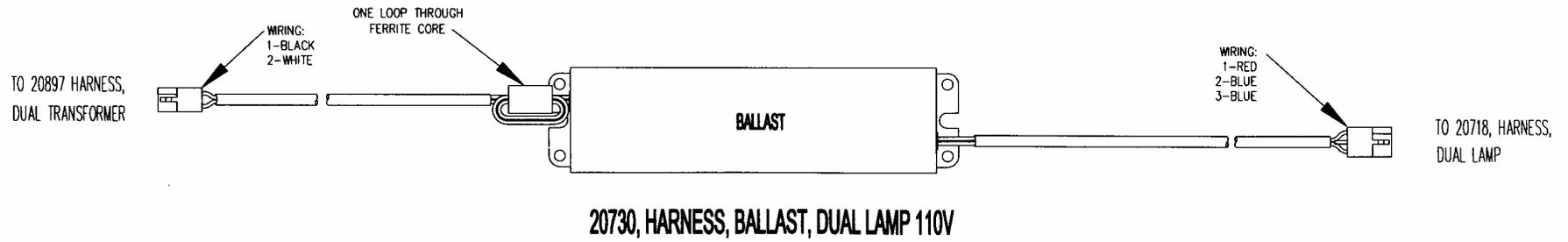
20698, HARNESS, EVAPORATOR FAN SWITCH

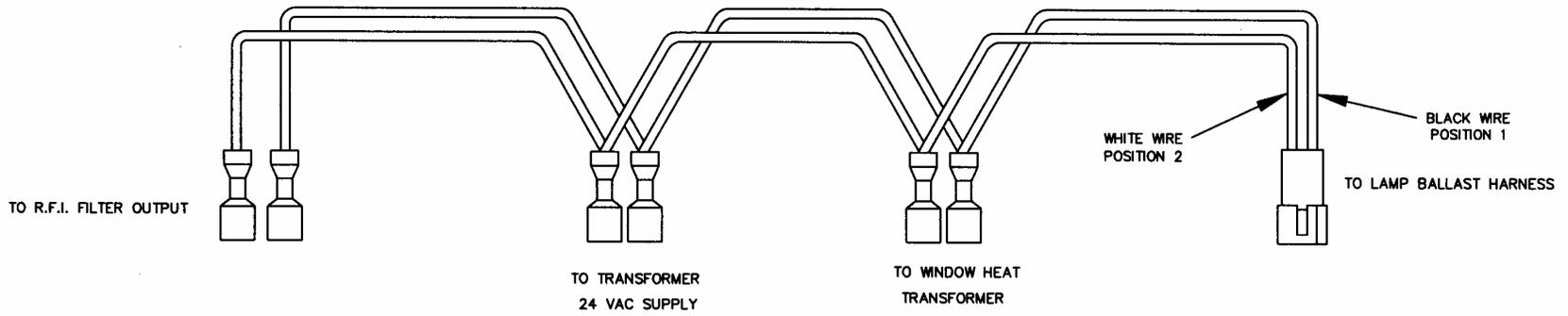


20701, HARNESS, TRANSFORMER AND FUSE

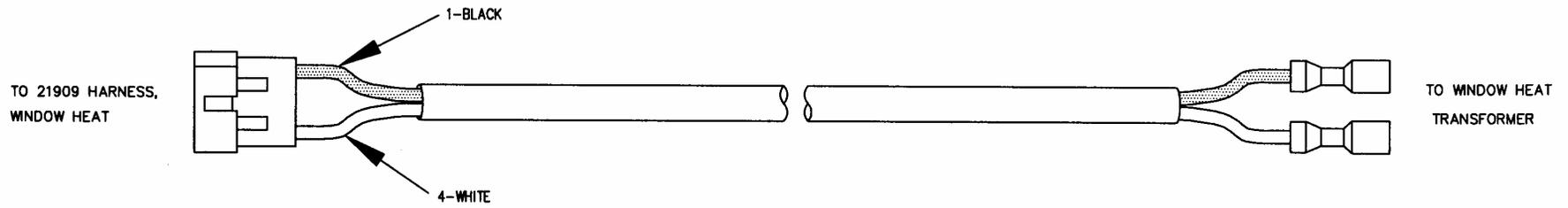


20718, HARNESS, DUAL LAMP 110V

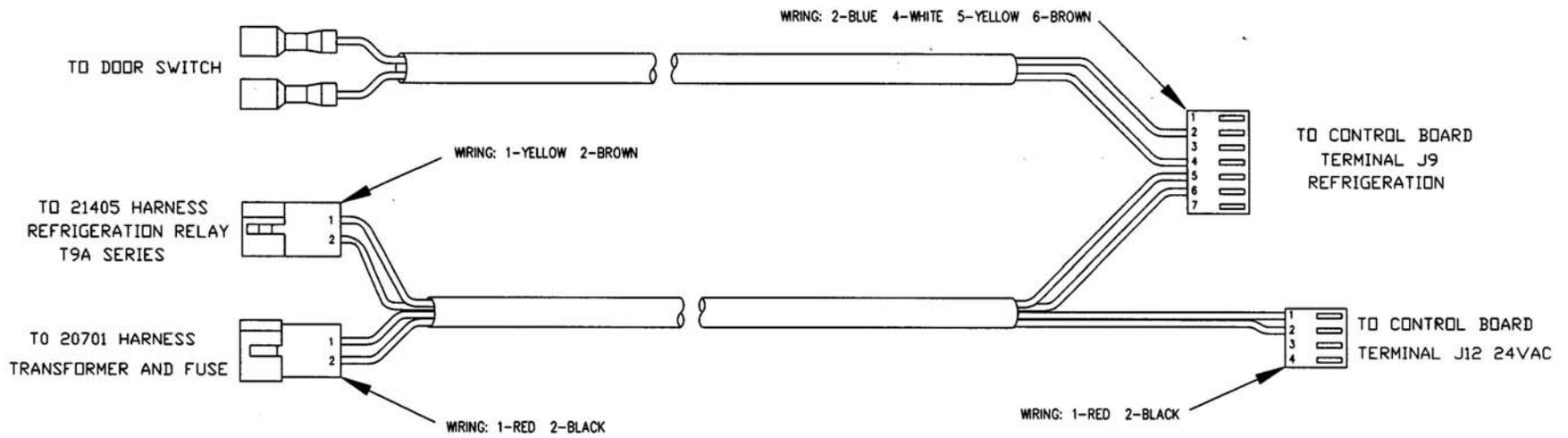




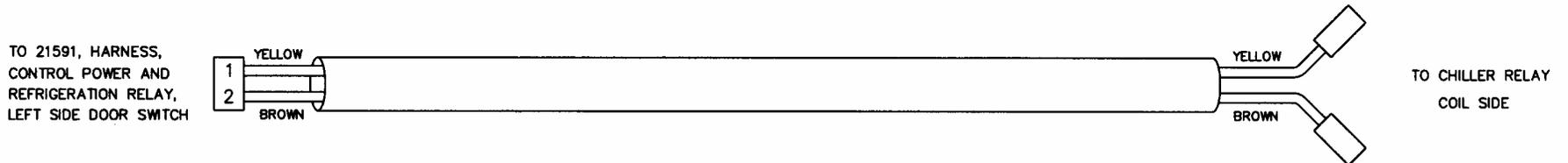
20897, HARNESS, DUAL TRANSFORMER



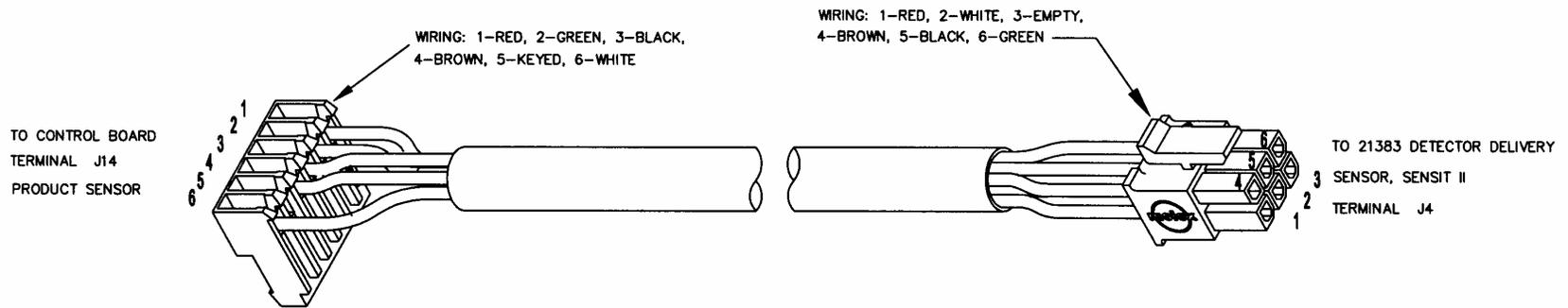
20899, HARNESS, WINDOW HEATER TRANSFORMER



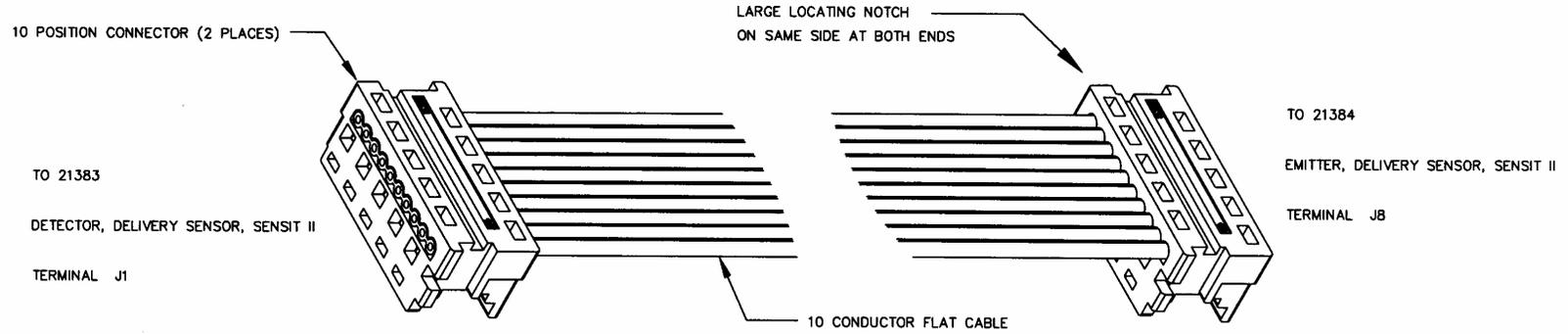
20904, HARNESS, CONTROL POWER AND REFRIGERATION RELAY, LEFT SIDE DOOR SWITCH



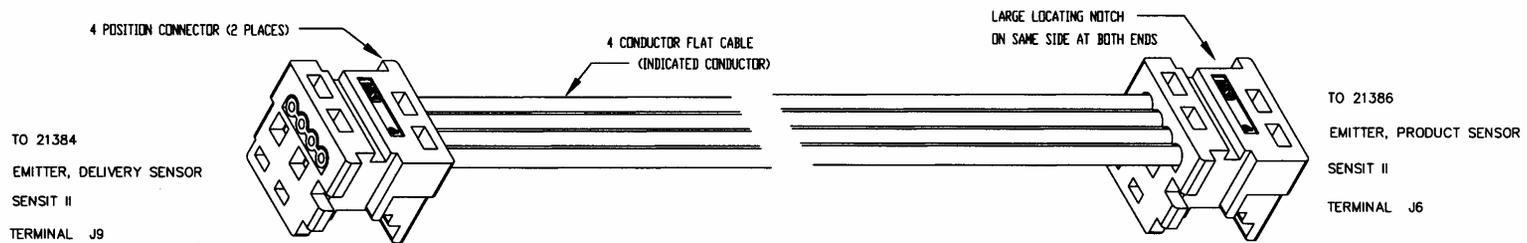
21405, HARNESS, REFRIGERATION RELAY, T9A SERIES



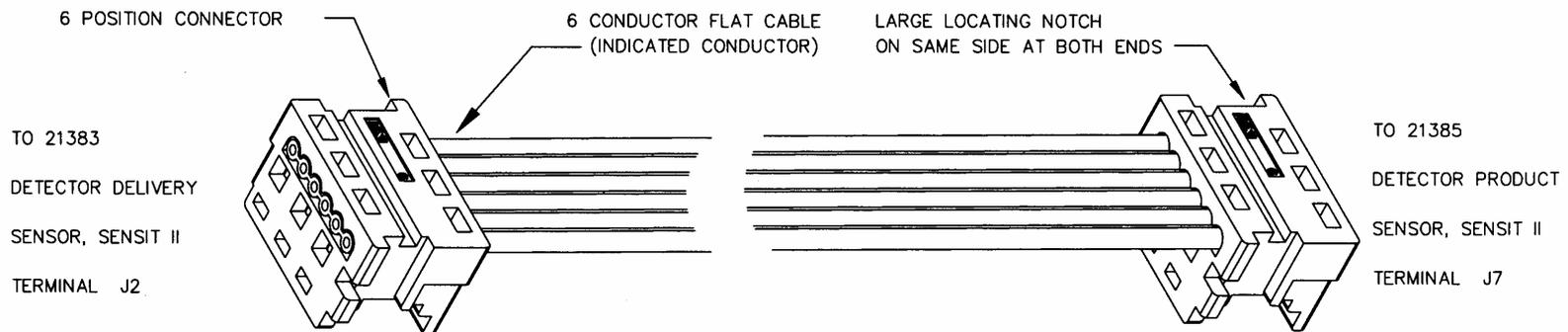
21425 HARNESS, DELIVERY SENSOR DETECTOR/CONTROL, SENSIT II



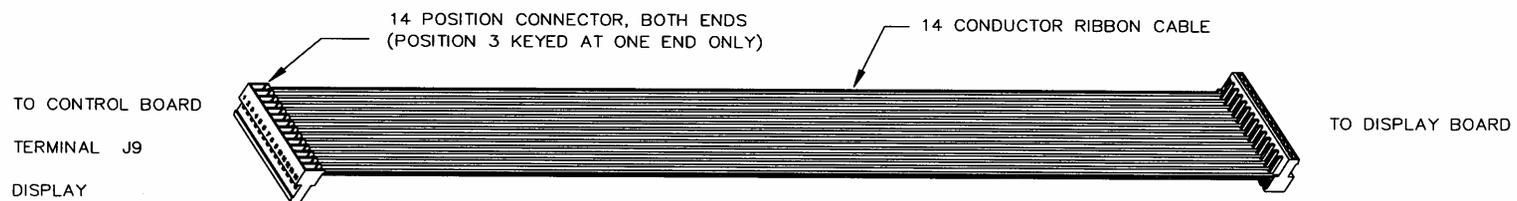
21426 HARNESS, DELIVERY SENSOR DETECTOR/EMITTER, SENSIT II



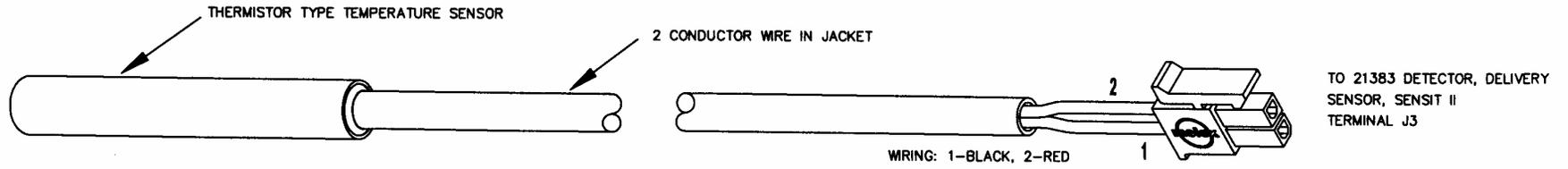
21427 HARNESS, PRODUCT SENSOR EMITTER, SENSIT II (OPTIONAL)



21428, HARNESS, PRODUCT SENSOR DETECTOR, SENSIT II (OPTIONAL)

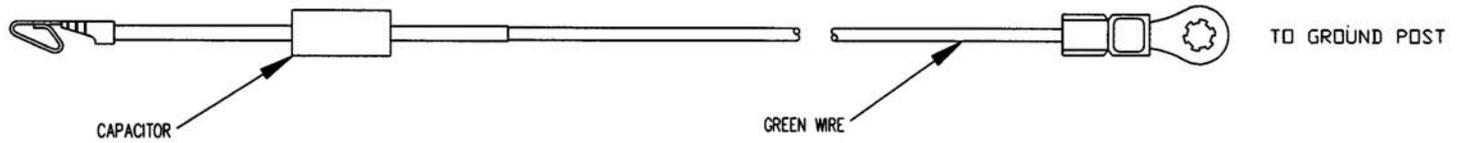


21432 HARNESS, DISPLAY, SENSIT II

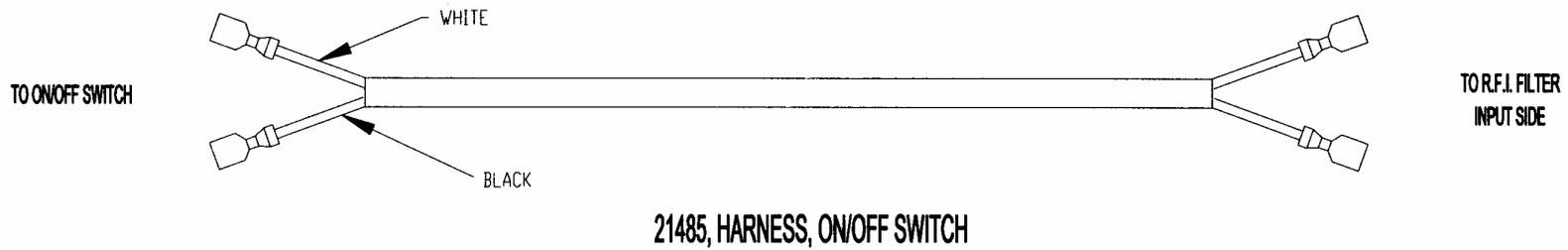
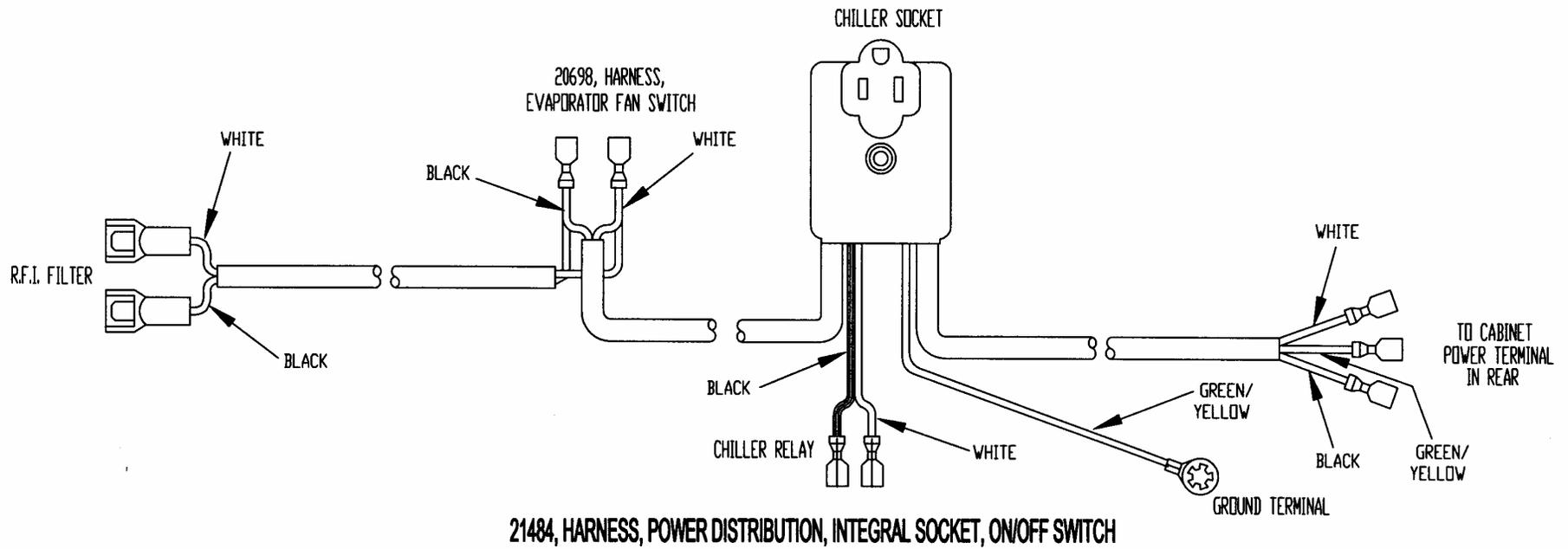


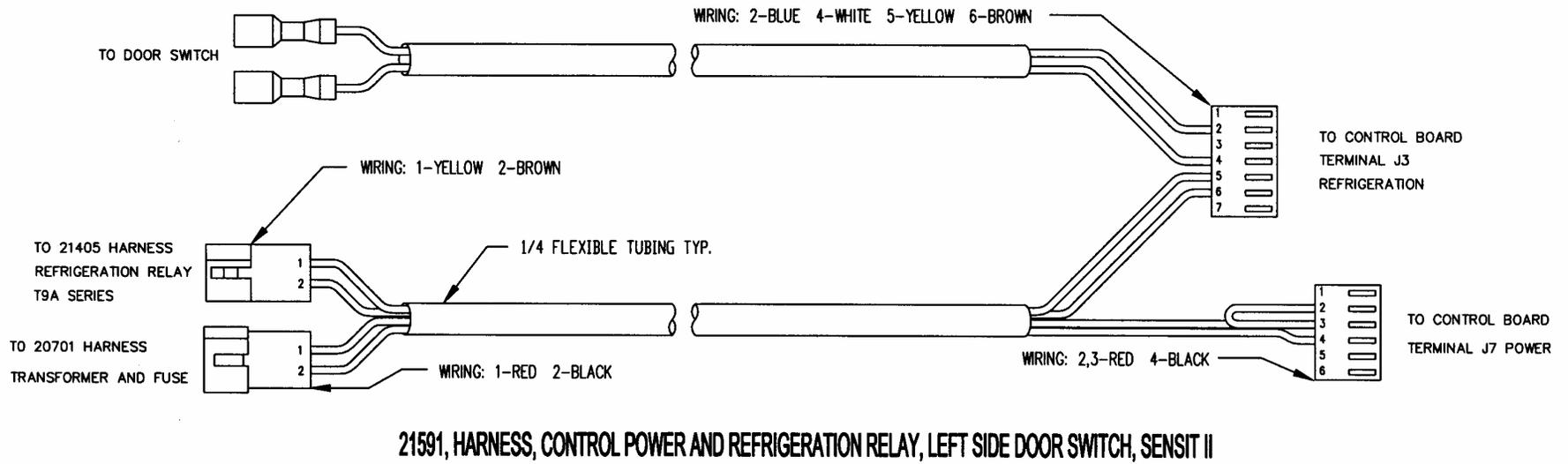
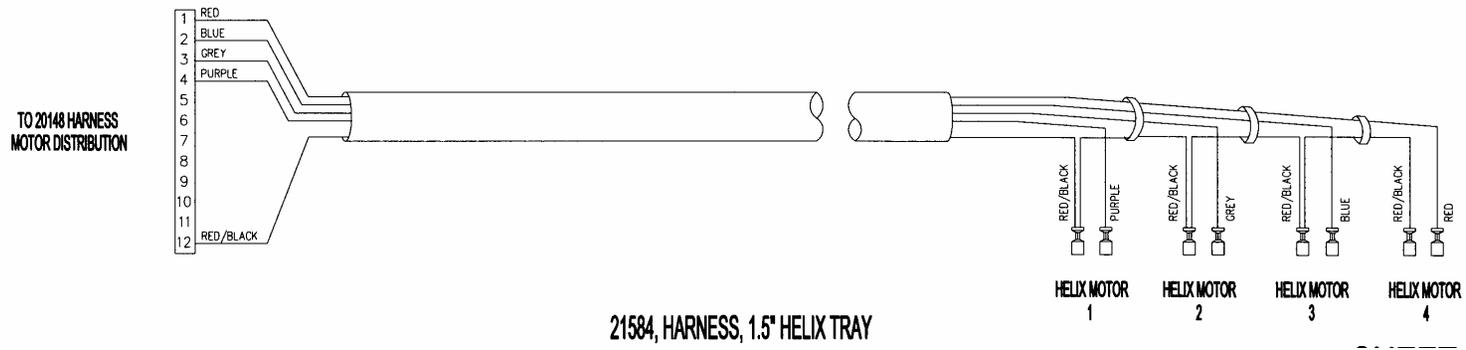
21468 TEMPERATURE SENSOR, SENSIT II

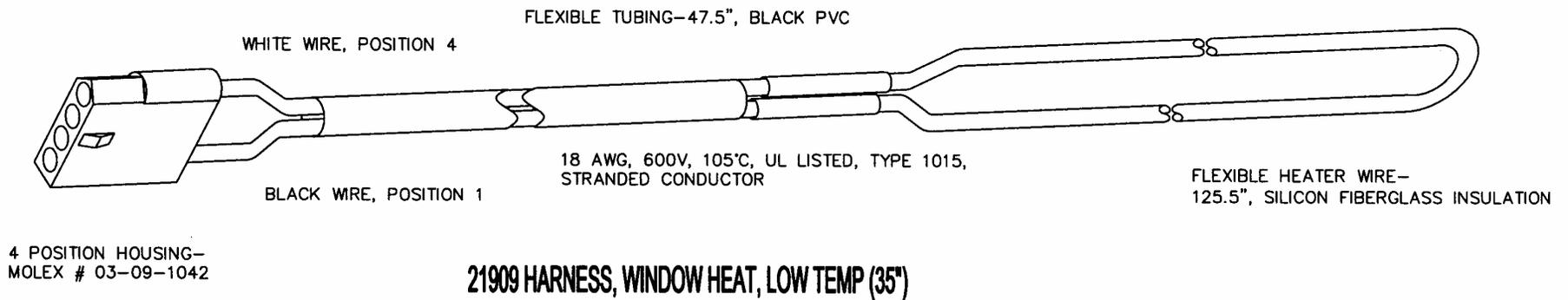
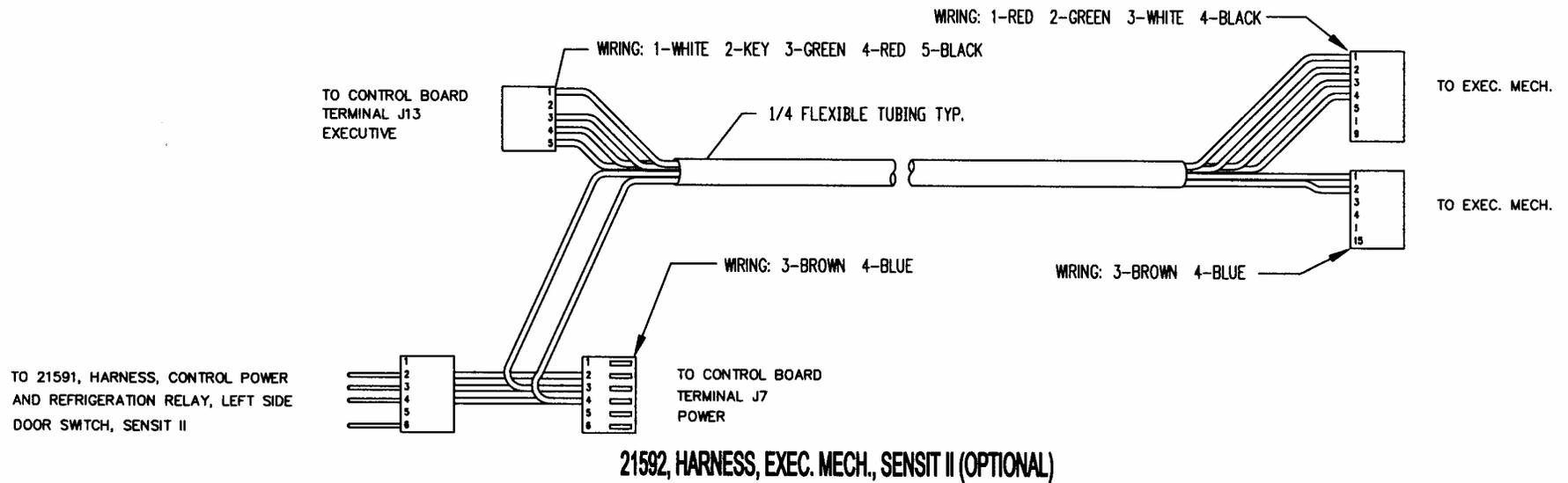
TO TERMINAL POSITION #4
OF HARNESS 20904
(CONTROL BOARD
TERMINAL J12 24VAC)



21480, HARNESS, CONTROL BOARD GROUND







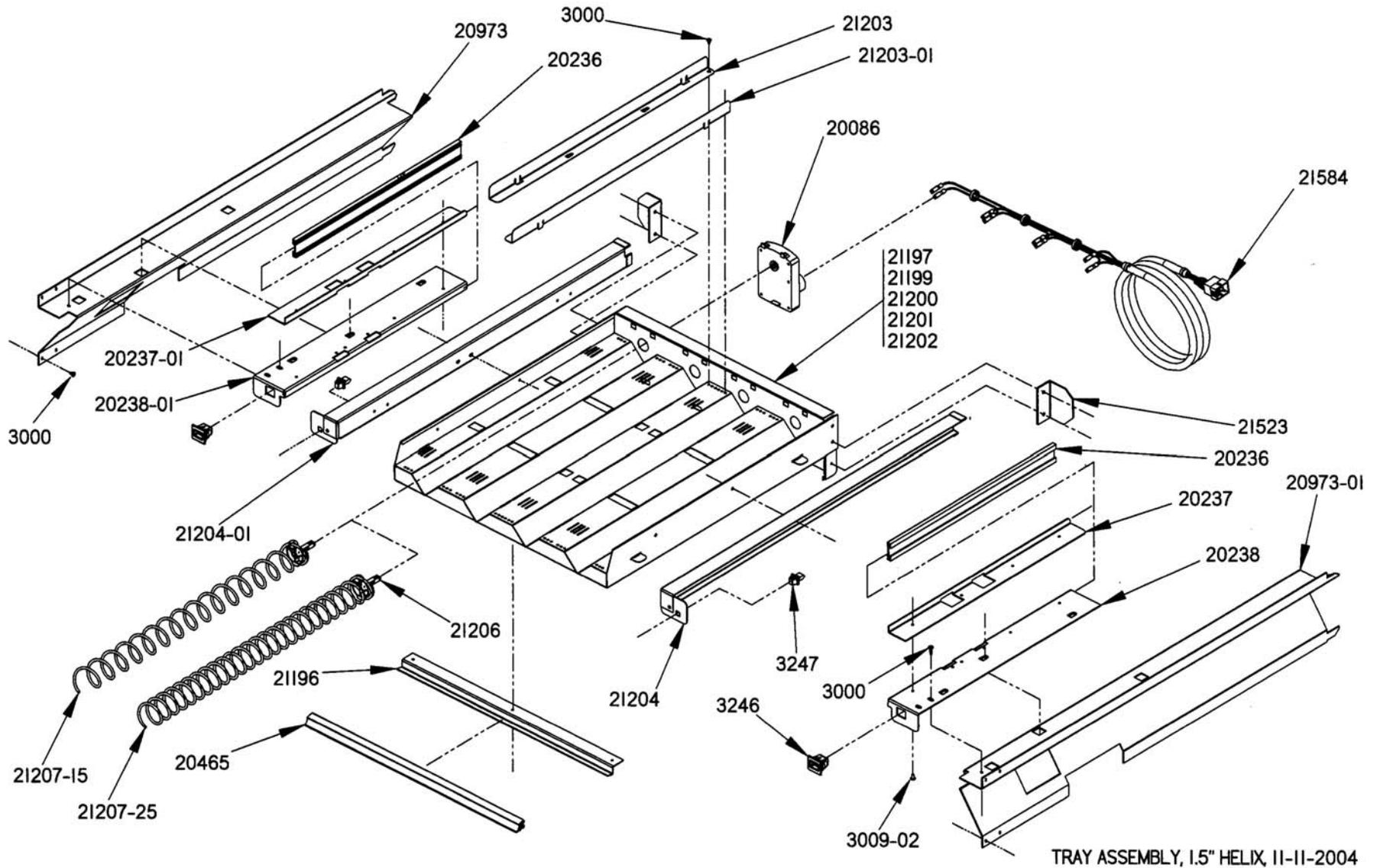
ELECTRICAL HARNESS PARTS LIST

PART NO.	PART DESCRIPTION	QTY	NOTES
20117	Temperature Sensor, Harness	1	Sensit I, Integral to Sensor
20141	Harness, Power Distribution	1	
20142	Power Cord Assembly, U.S.	1	U.S. Use
20143	Harness, Display	1	Same Connector Both Ends
20144	Harness, Refrigeration, (Not Labeled)	1	For Chiller Power
20146	Harness, Door Motors	1	
20147	Harness, Tray, 10 Column	1	Use For 5 Column Tray
20148	Harness, Motor Distribution	1	
20154	Harness, R.F.I. Filter Ground	1	
20158	Harness, Multi-Drop Bus	1	
20160	Harness, Gum and Mint	1	
20161	Harness, Sensor	1	
20163	Harness, Tray, 8 Column	1	Use For 4 Column Tray
20199	Keypad, Harness	1	Integral to Keypad
20563	Harness, Ballast, Assembly 2	1	VCB Option
20564	Harness, Lamp 2	1	VCB Option, Attaches to Lamp Bracket
20679	Harness, Vend Hopper Product Sensor	1	Sensit I
20698	Harness, Evaporator Fan Switch	1	
20701	Harness, Transformer and Fuse	1	
20718	Harness, Dual Lamp, 110VAC	1	VCF Option
20730	Harness, Ballast, Dual Lamp, 110VAC	1	VCF Option, Attaches to Lamp Bracket
20897	Harness, Dual Transformer	1	VCF Option
20893	Harness, Power Distribution, Integral Socket	1	VCF Option
20899	Harness, Window Heater Transformer	1	
20904	Harness, Control Power and Refrigeration Relay, Left Side Door Switch	1	
21405	Harness, Refrigeration Relay T9A	1	
21425	Harness, Delivery Sensor Detector/Control, Sensit II	1	
21426	Harness, Delivery Sensor Detector/Emitter, Sensit II	1	
21427	Harness, Product Sensor Emitter, Sensit II (Optional)	1	
21428	Harness, Product Sensor Detector, Sensit II (Optional)	1	
21432	Harness, Display, Sensit II	1	

21468	Temperature Sensor, and Harness, Sensit II	1	Integral to Sensor, for Chiller
21480	Harness, Control Board Ground	1	
21484	Harness, Power Distribution, Integral Socket, On/Off Switch	1	
21485	Harness, On/Off Switch	1	
21584	Harness, 1.5" Helix Tray	1	
21591	Harness, Control Power & Refrigeration Relay, Left Side Door Switch, Sensit II	1	
21592	Harness, Executive Mech Connector, Sensit II	1	
21909	Harness, Window Heat, Low Temp (35")	1	

GENERAL NOTE: Sensit (sometimes called Sensit I) and Sensit II are different designs. A Sensit II harness will only work in a vendor equipped with the Sensit II system.

1.5" HELIX TRAY ILLUSTRATION

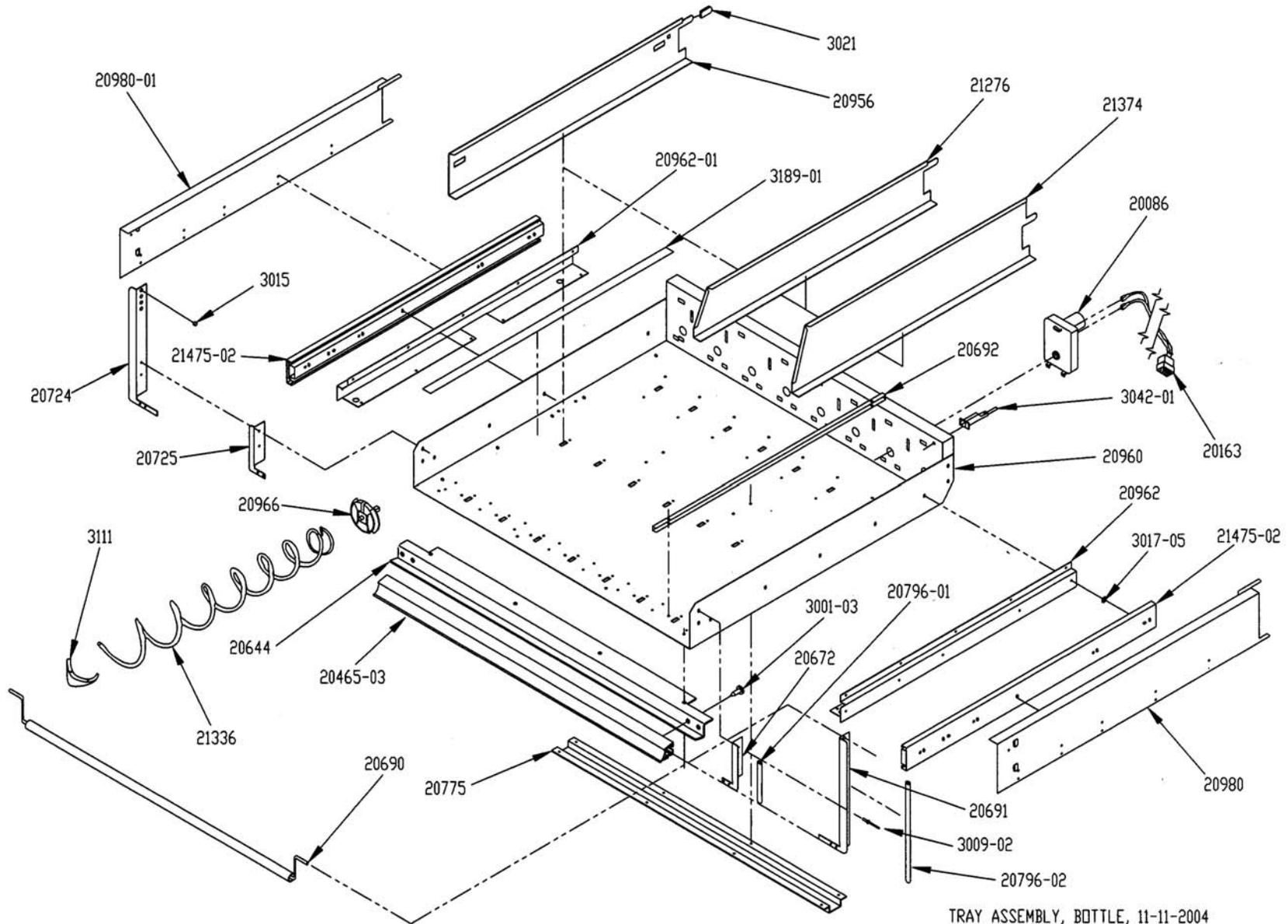


1.5" HELIX TRAY PARTS LIST

PART NO.	PART NAME	QTY	NOTES
3000	Screw, TEK 8-18	18	
3009-02	Rivet, Pop, Steel, 1/8	34	
3246	Latch, Nylon, Gum and Mint	2	
3247	Strike, Nylon, Gum and Mint	2	
20086	Motor, Single Helix W/O Switch	4	
20236	Extrusion, Gum and Mint Rail	2	
20237	Extrusion Mount, Upper (Gum and Mint)(Right Side)	1	
20237-01	Extrusion Mount, Upper (Gum and Mint)(Left Side)	1	
20238	Extrusion Mount, Lower (Gum and Mint)(Right Side)	1	
20238-01	Extrusion Mount, Lower (Gum and Mint)(Left Side)	1	
20465-04	Extrusion, Price Marker, Reduced Height	1	
20973	Rail, Gum and Mint, Reduced Depth (39")(Right Side)	1	
20973-01	Rail, Gum and Mint, Reduced Depth (39")(Left Side)	1	
21196	Doubler, Tray 1.5" Helix Tray	1	Parts Are Factory Assembled As A Unit
21197	Tray Body, 1.5" Helix Tray	1	
21199	Tray Back, 1.5" Helix Tray	1	
21200	Tray Inner Side, 1.5" Helix Tray	2	
21201	Tray Inner Section, 1.5" Helix Tray	2	
21202	Tray Inner Mid Section, 1.5" Helix Tray	1	
21203	Divider, Tray, 1.5" Helix Tray, RH	4	
21203-01	Divider, Tray, 1.5" Helix Tray, LH	4	
21204	Tray Slide Channel, 1.5" Helix Tray, RH	1	
21204-01	Tray Slide Channel, 1.5" Helix Tray, LH	1	
21206	Helix Adapter, 1.5" Helix Tray	4	Standard Tray is Equipped With Two Of Each
21207-15	Helix, 1.5" Tray, Counterclockwise, Black	2	
21207-25	Helix, 1.5" Tray, Counterclockwise, Black	2	
21523	Bracket, Stop, 1.5" Helix Tray	2	
21584	Harness, 1.5" Helix Tray	1	

General Note: The 1.5 Helix Tray has replaced the 20668 Gum and Mint Tray.

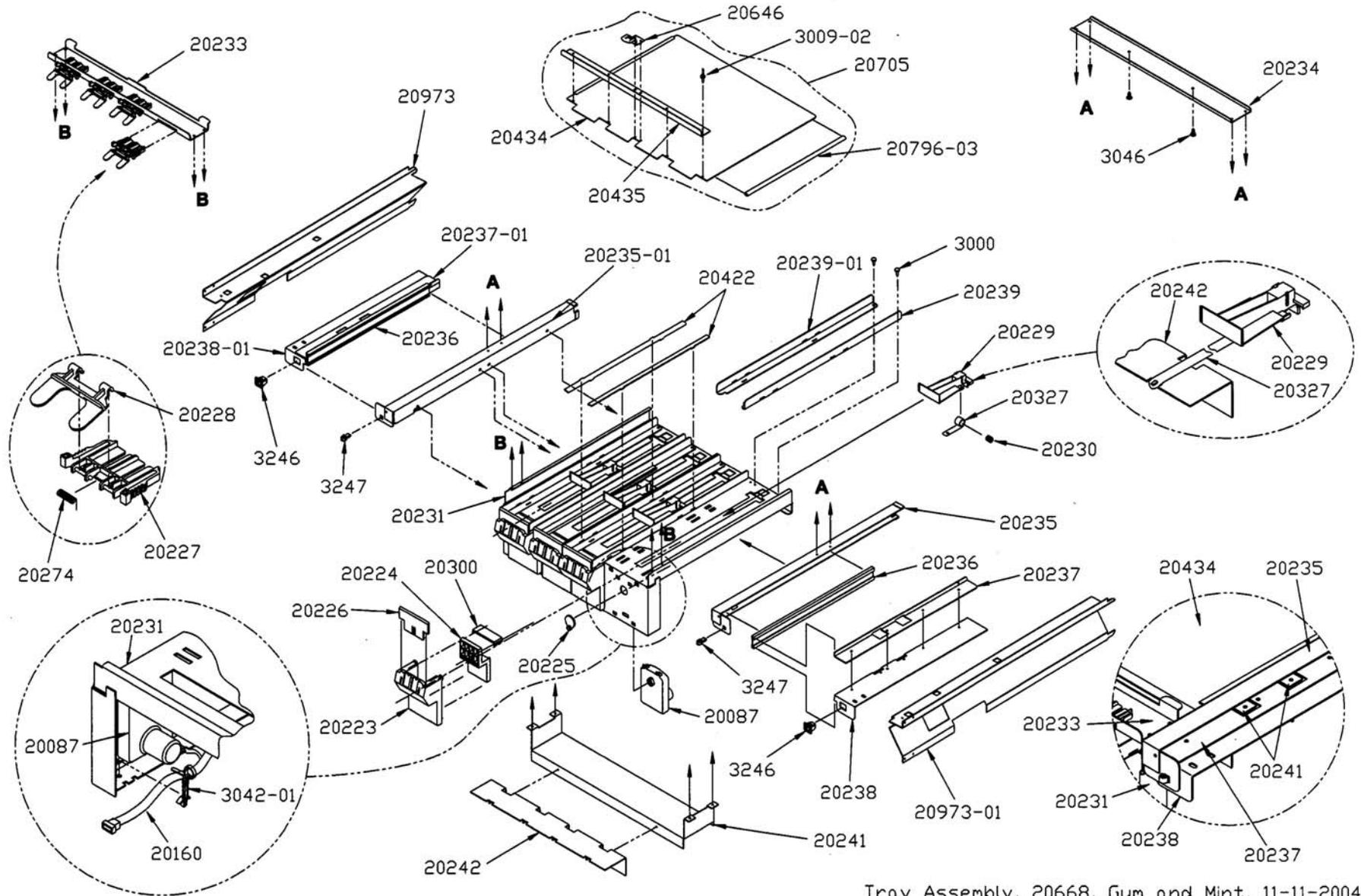
BOTTLE TRAY ILLUSTRATION



BOTTLE TRAY PARTS LIST

PART NO.	PART DESCRIPTION	QTY.	NOTE
3001-03	Screw, Sheet Metal, Type B, 8-18	6	
3009-02	Rivet, Pop, Steel, 1/8	81	
3015	Bearing, Nylon, Snap-In	2	Use On 20691 And 20724 for Bottle Tipper
3017-05	Washer, Flat Steel	10	For Rivet Reinforcement
3021	Protective Cap, Vinyl	7	
3042-01	Wire Tie, Panel Mount	1	
3111	Helix Ejector, Small Helix	8	
3189-01	Tape, UHMW Polyethylene, 3/4" X .005"	16'	
20086	Motor, Single Helix W/O Switch	8	
20163	Harness, Tray, 8 Column	1	
20465-03	Extrusion, Price Marker, Ver. 2	1	
20644	Tray Doubler, Bottle (39')	1	
20672	Tray Corner, Bottle, Right	1	Use With 20690 Without Bottle Tipper
20690	Assembly, Bottle Tipper Bar	1	
20691	Tray Corner, Bottle Tipper Bar, Right	1	Use With 20690 For Bottle Tipper
20692	Device, Bottle Alignment	8	
20724	Tray Corner, Bottle Tipper Bar, Left	1	Use With 20690 For Bottle Tipper
20725	Tray Corner, Bottle, Left	1	Use With 20690 Without Bottle Tipper
20775	Tray Reinforcement, Bottle (39') Ver. 2	1	
20796-01	Edge Guard, Tray Corner (Only RH)	1	Use On 20672 Without Bottle Tipper
20796-02	Edge Guard, Tray Corner (Only LH)	1	Use On 20691 For Bottle Tipper
20956	Tray Divider, Reduced Depth (Square Front)	7	
20960	Tray Body, Bottle, Reduced Depth (39')	1	
20962	Bracket, Bottle Tray Rail, Reduced Depth (RH)	1	
20962-01	Bracket, Bottle Tray Rail, Reduced Depth (LH)	1	
20966	Helix Adapter, Without Hub	8	
20980	Rail, Bottle Tray, Reduced Depth (RH)	1	Use Lower Rivet Positions For Tall Bottles
20980-01	Rail, Bottle Tray, Reduced Depth (LH)	1	Use Lower Rivet Positions For Tall Bottles
21276	Tray Divider, Reduced Depth, Tapered Front	7	3.3" High
21336	Helix, 3' Counter-Clockwise, 3.5' Opening, Black	8	See Helix Description For Options.
21374	Tray Divider, Reduced Depth, Tapered Front, High	7	4.9" High
21475-02	Rail Slide, Full Extension, 24"	1	1 Pair

GUM AND MINT TRAY ILLUSTRATION



Tray Assembly, 20668, Gum and Mint, 11-11-2004

GUM AND MINT TRAY PARTS LIST

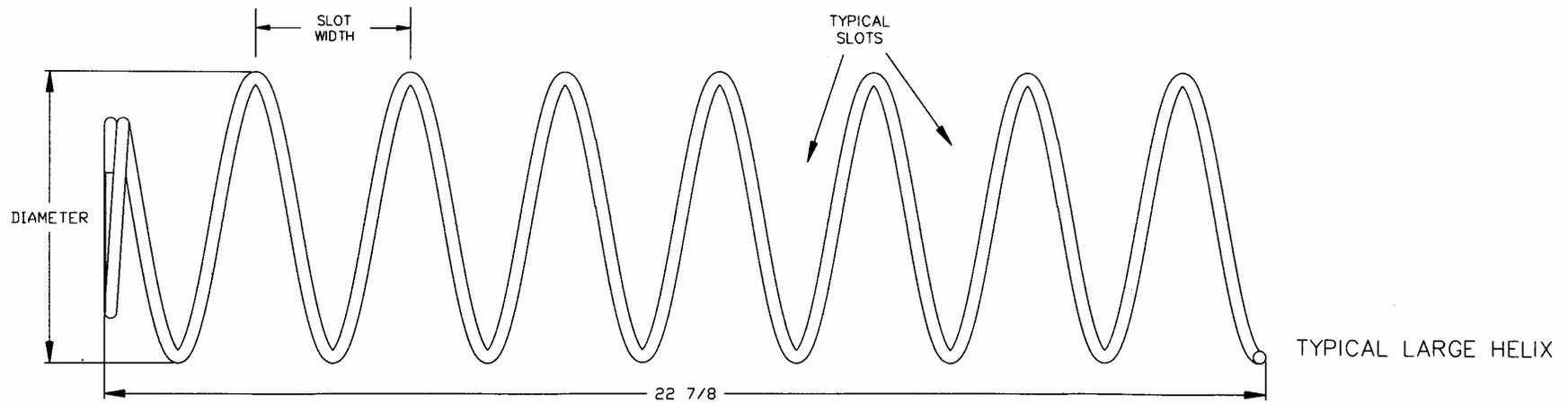
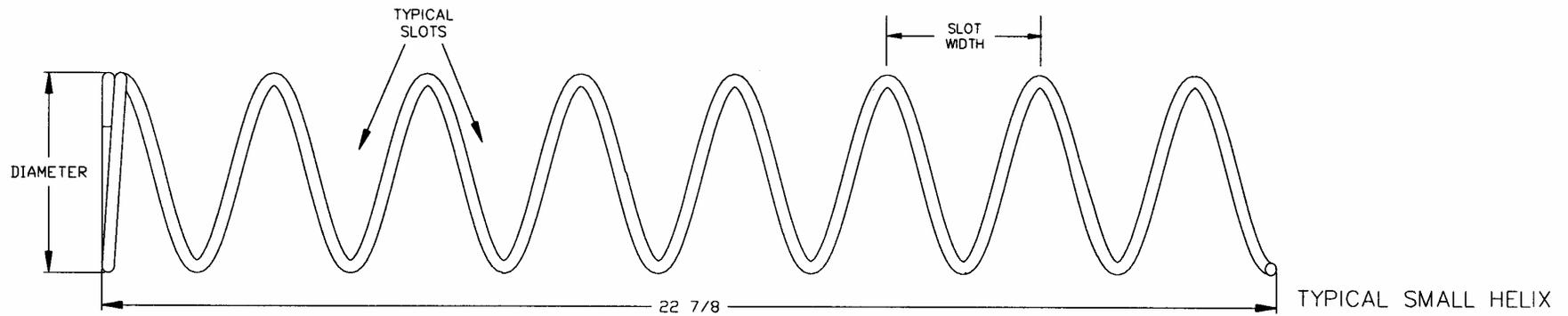
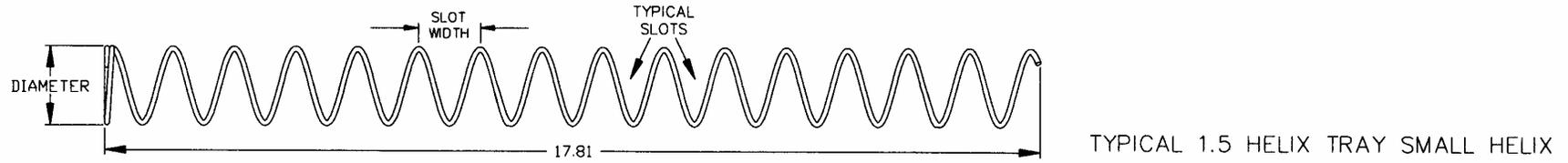
PART NO.	PART DESCRIPTION	QTY	NOTE
3000	Screw, Sheet Metal, TEK-8-18	12	
3009-02	Rivet, Pop, Steel, 1/8 X 1/4	44	
3042-01	Wire Tie, Panel Mount (1")	1	
3046	Bumper	2	
3246	Latch, Nylon, Gum And Mint	2	
3247	Strike, Nylon, Gum And Mint	2	
20087	Motor, Single Helix With Switch	4	
20160	Harness, Gum And Mint Tray	1	
20223	Housing, Product Stripper (Gum And Mint)	4	
20224	Product Stripper (Gum And Mint)	4	
20225	Crank, Product Stripper (Gum And Mint)	4	
20226	Screen, Product Retainer (Gum And Mint)	4	
20227	Flipper Base	4	
20228	Flipper	4	
20229	Pusher (Gum And Mint)	4	
20230	Pusher Spring Hub (Gum And Mint)	4	
20231	Tray (Gum And Mint)	1	
20233	Front Brace (Gum And Mint)	1	
20234	Rear Brace (Gum And Mint)	1	
20235	Tray Slide Channel (Gum And Mint)	1	
20235-01	Tray Slide Channel (Gum And Mint)	1	
20236	Extrusion, Gum And Mint Rail	2	
20237	Extrusion Mount Upper (Gum And Mint)	1	
20237-01	Extrusion Mount Upper (Gum And Mint)	1	
20238	Extrusion Mount Lower (Gum And Mint)	1	
20238-01	Extrusion Mount Lower (Gum And Mint)	1	
20239	Divider, Gum And Mint (RH)	4	
20239-01	Divider, Gum And Mint (LH)	4	
20241	Rail, Cross Brace, Gum And Mint	1	
20242	Spring, Retainer, Gum And Mint	1	

20274	Spring, Flipper (Gum And Mint)	4	
20300	Housing Top Plate	4	
20327	Pusher, Spring, Gum And Mint	4	
20422	Divider Shim, Gum And Mint	4	
20434	Tray Lid, 2 Piece, Gum And Mint	1	Part of Assembly 20705
20435	Flange, Tray Lid, 2 Piece, Gum And Mint	1	
20646	Latch, Spring, Gum And Mint	1	
20796-03	Edge Trim, Tray Corner	2	
20705	Assembly, Lid, Gum And Mint	1	
20973	Rail, Gum and Mint, Reduced Depth (39") (Right Side)	1	For 39" Vendors
20973-01	Rail, Gum and Mint, Reduced Depth (39") (Left Side)	1	For 39" Vendors

General Note: The 20668 Gum and Mint Tray has been replaced by the 1.5 Helix Tray.

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HELIX ILLUSTRATIONS



HELIX PARTS LIST

PART NO.	HELIX DESCRIPTION *	SLOT (VEND) WIDTH	NUMBER OF SLOTS (PITCH)	HELIX OUTSIDE DIAMETER	TURNS	NOTE
20119-07	Helix, Small CW, Black	2 5/8	7	2.6	CW	Use With 20120-07 As A Set
20120-07	Helix, Small CCW, Black	2 5/8	7	2.6	CCW	
20119-10	Helix, Small CW, Black	1 7/8	10	2.6	CW	Use With 20120-10 As A Set
20120-10	Helix, Small CCW, Black	1 7/8	10	2.6	CCW	
20120-12	Helix, Small CCW, Black	1 7/8	12	2.6	CCW	
20120-15	Helix, Small CCW, Black	1 7/8	15	2.6	CCW	
20120-18	Helix, Small CCW, Black	1 7/8	18	2.6	CCW	
20120-24	Helix, Small CCW, Black	1 7/8	24	2.6	CCW	
21207-15	Helix, 1.5", CCW, Black	1	15	1.5	CCW	Use in 1.5" Helix Tray
21207-25	Helix, 1.5", CCW, Black	9/16	25	1.5	CCW	Use in 1.5" Helix Tray
21336	Helix, 3", CCW, Black	3.5	6	3	CCW	Bottle Tray
21337	Helix, 3", CCW, Black	3.2	6	3	CCW	Bottle Tray
21465-5	Helix, 3.75" CCW, Black	3 ¼	5	3.75	CCW	Large
21465-7	Helix, 3.75" CCW, Black	2 5/8	7	3.75	CCW	Large
21465-9	Helix, 3.75" CCW, Black	2	9	3.75	CCW	Large
21465-10	Helix, 3.75" CCW, Black	1 ¾	10	3.75	CCW	Large
21465-12	Helix, 3.75" CCW, Black	1 ½	12	3.75	CCW	Large
21465-15	Helix, 3.75" CCW, Black	1 ¼	15	3.75	CCW	Large

General Note: Please call AMS if a helix with a special pitch is required. Also, the quantity of helixes required depends on the vendor configuration.

UNIVERSAL (FOOD/SNACK/CANDY) TRAY PARTS LIST (5-COLUMN SET-UP SHOWN)			
PART NO.	PART DESCRIPTION	QTY.	NOTE
1	Helix	5	Refer to Helix Section.
3001-03	Screw, Sheet Metal, Type B, #8-18 (3/8" Long)	4	
3009-02	Rivet, Pop, Steel, 1/8 (1/8" Grip)	12	
3019	Canoe Clip	12	
3020	Wire Tie, Standoff	1	
3021	Divider Cap	4	
3042-01	Wire Tie, Panel Mount	1	
3111	Helix Ejector	5	
3295-03	Rivet, Pop, Steel, 1/8, Domed, Plain	10	
20073	Tray Stop (Rh)	1	
20073-01	Tray Stop (Lh)	1	
20086	Motor, Single Helix	5	
20133	Tray Divider Spring	4	
20147	Harness, Tray, 10 Column	1	
20202	Helix Alignment Device	5	Qty determined by set-up.
20220	Extrusion, Candy Pusher	8	
20221	Bar, Candy Pusher	4	
20465-02	Extrusion, Price Marker, Reduced Height	1	
20544	Tray Doubler, Ver. 2 (39")	1	
20545	Tray Corner, Ver. 2 (Rh)	1	
20545-01	Tray Corner, Ver. 2 (Lh)	1	
20614	Label Sheet, Reduced Height Price	1	Use on extrusion 20465-02 only
20796-01	Edge Trim, Tray Corner	1	
20955	Tray Body, Reduced Depth, (39")	1	23.89" Long.
20956	Tray Divider, Reduced Depth	4	For Tall Product
20984	Tray Divider, High, Reduced Depth		
20966	Helix Adapter, without Hub	5	
22040	Label Sheet, Numeric, Reduced Height, Location	1	For Numeric Keypad: Use on 20465-02
21064	Assembly, Reduced Depth Rail	1	For Universal Tray, Right Hand
21064-01	Assembly, Reduced Depth Rail	1	For Universal Tray, Left Hand

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