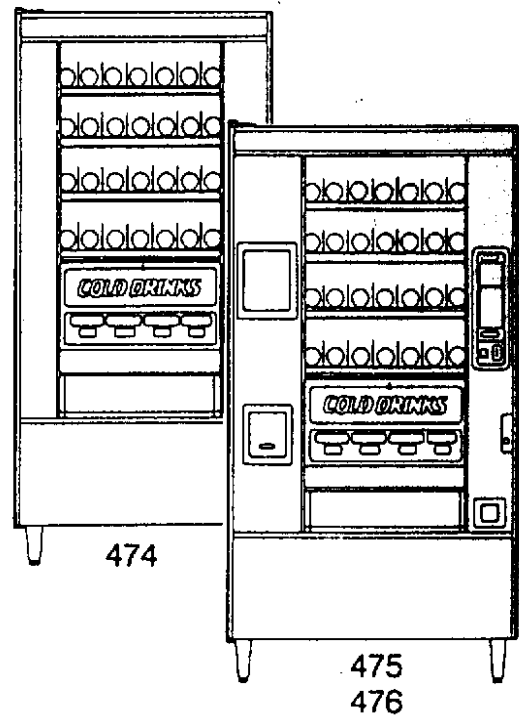
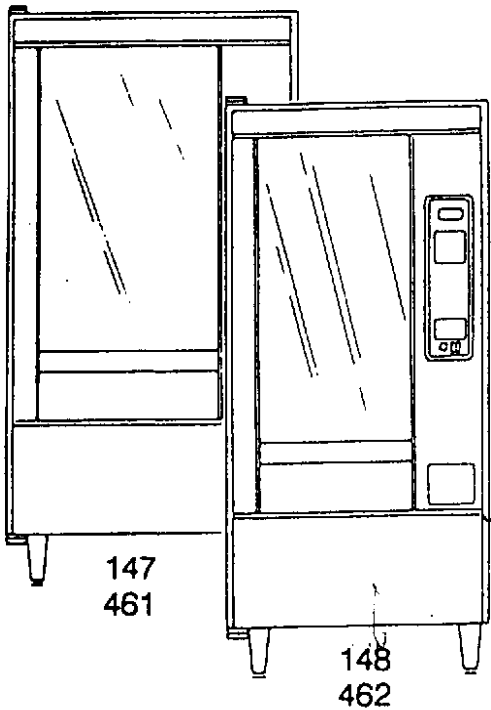

Snack Center and Refresh Center

147/148

461/462 Chilled Candy

474/475/476

PARTS MANUAL



CRANE

NATIONAL VENDORS
12955 Enterprise Way
Bridgeton, MO 63044

This machine has been engineered to our own rigid safety and performance standards. It has earned a "Letter of Compliance" from NAMA indicating that it complies with sanitation and health guidelines recommended by the Automatic Merchandising Health-Industry Council (AMHIC) and it conforms with all other NAMA safety recommendations. This machine has been FCC verified.

This machine has been manufactured in accordance with the safety standards of both Underwriter's Laboratories and the Canadian Standards Association. To maintain this degree of safety and to continue to achieve the level of performance built into this machine, it is important that installation and maintenance be performed so as to not alter the original construction or wiring and that replacement parts are as specified in the Parts Manual. Your investment in this equipment will be protected by using this Mechanical Set-Up, Operation and Maintenance Manual, the accompanying Programming Guide and the Parts Manual in your operation, service and maintenance work. By following prescribed procedures, machine performance and safety will be preserved.

The SNACK CENTER and REFRESHMENT CENTER Merchandisers are warranted for one (1) year against defective parts and workmanship. Any part or parts which are proven to be defective within one (1) year of the date of shipment will be repaired or replaced free of charge when the defective part is returned, with transportation charges prepaid, to the destination designated by the National Vendors Warranty Department. All labor charges shall be for the account of customer.

This warranty applies only to the original purchaser of the Merchandiser and is null and void if the Merchandiser is sold during the period of warranty.

This warranty does not apply to a) electrical components, wiring, or circuits and/or for all mechanical parts or assemblies damaged as a result of operating the Merchandiser at other than 115 volts, 60 Hertz current or b) in event of vandalism, fire or negligence, or c) incandescent lamps, neon lamps, fluorescent lamps, ballasts, starters or other expendable items, or d) when other manufactured components are installed in National Vendors Merchandisers.

National Vendors is not responsible for any cost of service rendered or repairs made by customer or its agents on merchandiser or parts unless authorization to incur such expense has been given in writing by National Vendors prior to incurring such expense.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NATIONAL VENDORS SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL OR PUNITIVE DAMAGES. National Vendors neither assumes nor authorizes any person to assume for it any obligation or liability in connection with the sale of said equipment or any part thereof.

**National Vendors
A Division of Unidynamics, Corp.
12955 Enterprise Way
Bridgeton, MO 63044**

2-15-81



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A Division of UNIDYNAMICS, Corp.

CRANE

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HOW TO USE THE PARTS LISTS

This manual contains the Parts Illustration and Parts List for each repairable assembly in the SNACK CENTER and REFRESHMENT CENTER Merchandisers. Each illustration includes an exploded view and a set of index numbers. The exploded view helps you locate and identify the individual parts while the index numbers help you locate parts in the Parts List.

The Parts List contains information you will need when you want to order parts for your merchandiser. The Parts List has between six and ten columns. A sample Parts List is shown on the next page.

Column 1 is labeled "FIGURE - INDEX NUMBER." The number to the left of the dash is the figure number. The number to the right of the dash is the index number of the part.

Column 2 is labeled "DESCRIPTION". The name of the part and a brief description are included in this column.

There are up to four sets of columns labeled "PART NO." and "QTY". Each set is labeled with the appropriate model number/numbers.

NOTE

If a part or an assembly is used in each of the models listed in a given table, it is only listed in the first set of columns. See Index 1 in the sample.

If the same part is used in each of the models listed in the table but the quantities are different, different numbers will be listed in each of the QTY columns. See Index 2 in the sample.

When N/A appears in the Part No. column, the part is not used in the corresponding model. See Index 3 and Index 4 in the sample.

For attaching parts (i.e. - nuts, screws, washers, etc.) the QTY column lists only the quantity necessary to attach one part or assembly. See Index 5 in the sample.

If an assembly does not have a part number, a dashed line appears in the "Part No." column.

ABBREVIATIONS USED IN PARTS LISTS

CT	Count	RHS	Round Head Slotted
HD	Head	S/T	Self-tapping
LGM	Light Gauge Metal	T/C	Thread Cutting
LH	Left-hand	T/F	Thread Forming
N/A	Not Applicable	THS	Truss Head Slotted
PCB	Printed Circuit Board	W/Hd	Washer Head
PHS	Pan Head Slotted	W/LW	With Lock Washer
RH	Right-hand		

SAMPLE PARTS LIST

FIGURE- INDEX NUMBER	DESCRIPTION	147		148/474	
		PART NO.	QTY	PART NO.	QTY
2-1	Insert - Coin	5231010	1		
2-2	Clamp - Cable 3/4 inch	1592361	2		3
2-3	Spacer - Delivery Pan	7311258	1	N/A	
2-4	Spacer - Gum & Mint	N/A		6382649	1
2-5	Bracket - Lamp Mounting (Screw #8-32 x 1/4 RHS)	1497246 9991973	2 2		

HOW TO ORDER PARTS

The members of the Parts Department at National Vendors are ready to serve you. Please have the following information ready when you call in your parts order:

Your account number

Name and Model Number of the merchandiser

Serial Number of the merchandiser

Part number, complete description and quantity required for each part you wish to order.

The Parts Department has a toll free number for your convenience. This number is 1-800-621-7278.

TABLE OF ILLUSTRATIONS

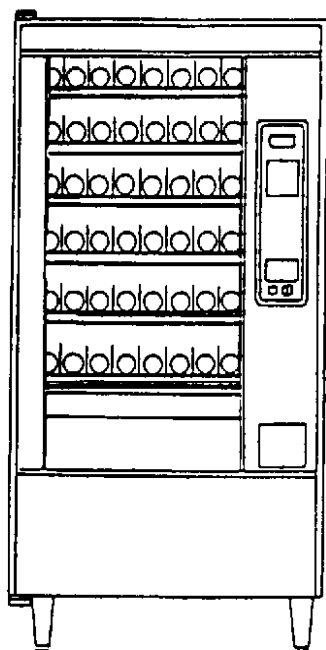
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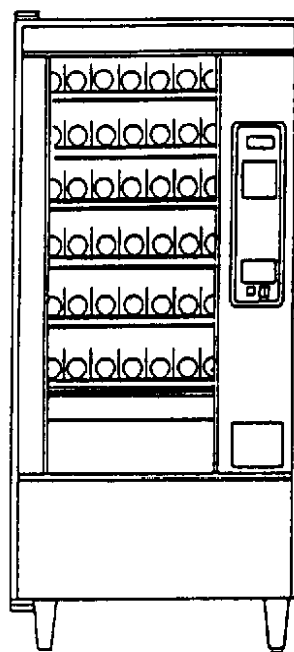
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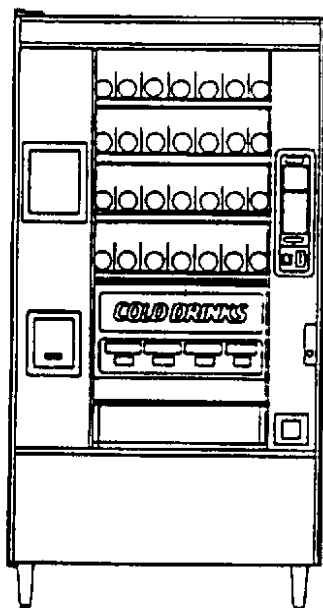
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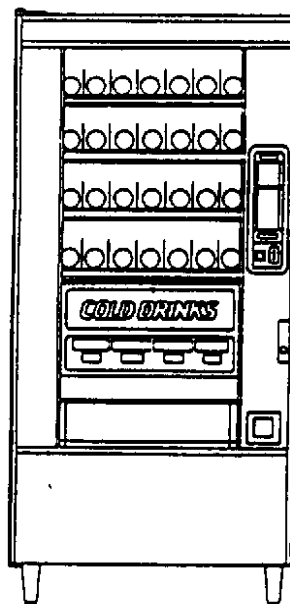
147



148



475/476



474

Figure 1. Identification of Merchandiser Model

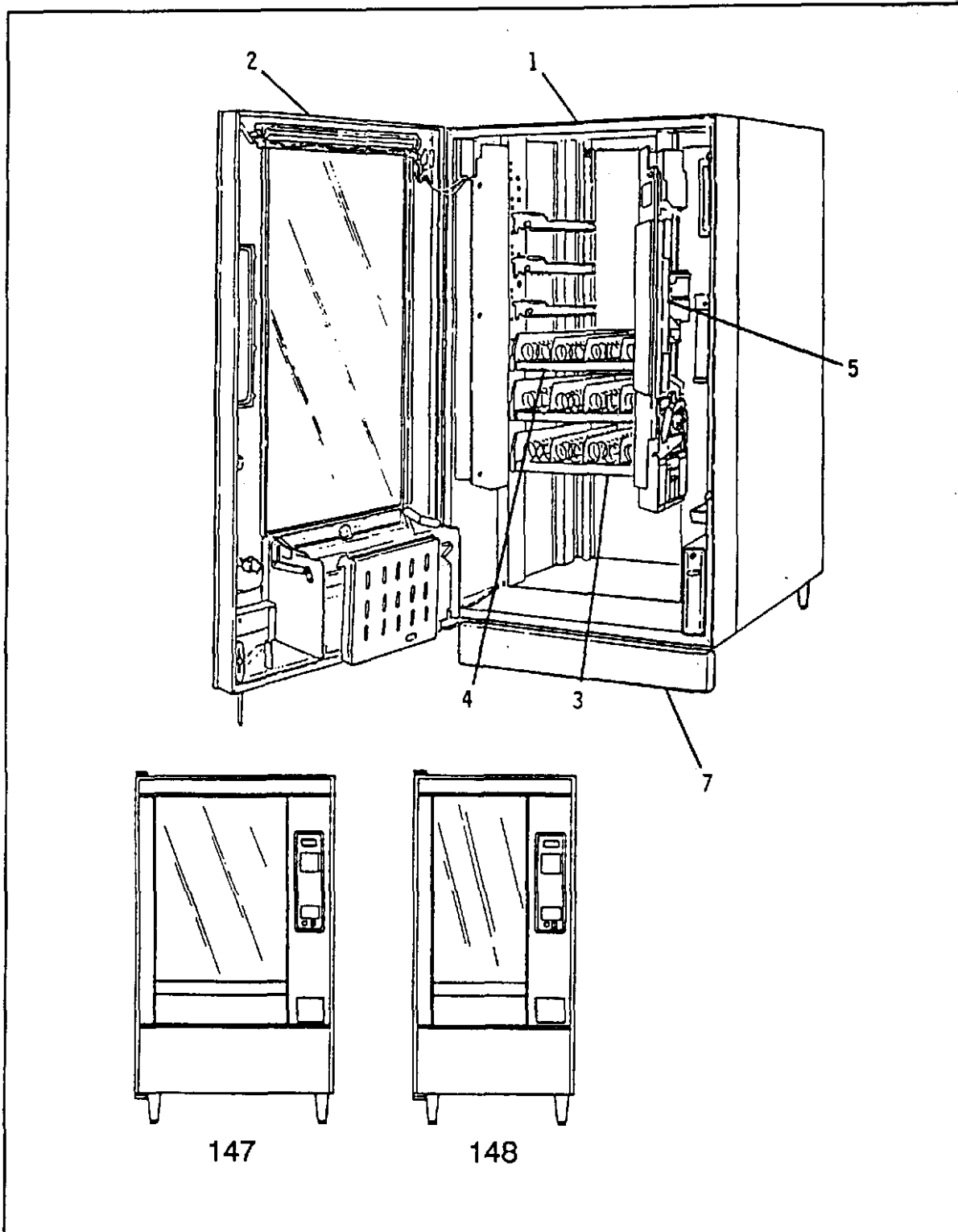


Figure 2. Merchandiser - SNACK CENTER 1 and 2

1470060

FIGURE- INDEX NUMBER	DESCRIPTION	147		148	
		PART NO.	QTY.	PART NO.	QTY.
2-	Merchandiser - SNACK CENTER 1	-----	1	N/A	
	Merchandiser - SNACK CENTER 2	N/A		-----	1
2-1	Cabinet - Common (See Figure 8 for Breakdown)	-----	1	-----	1
2-2	Door Assembly - Common (See Figure 13 for Breakdown)	1472000	1	1482100	1
2-3	Spiral Assembly - 5 Selection Snack Tray (See Figure 23 for Breakdown)	-----	4	N/A	
	Spiral Assembly - 4 Selection Snack Tray (See Figure 23 for Breakdown)	N/A		-----	4
2-4	Spiral Assembly - 10 Selection Candy Tray (See Figure 22 for Breakdown)	-----	2	N/A	
	Spiral Assembly - 8 Selection Candy Tray (See Figure 22 for Breakdown)	N/A		-----	2
2-5	Panel Assembly - Monetary (See Figure 24 for Breakdown)	1475000	1		
2-6	Plastic Bag Assembly - Not Shown Includes the following:	-----	1		
	Bag - Plastic	1470041	1		
	Documentation Package	1470061	1		
	Price Roll - Dollars	1477015	2		
	Selection ID Labels: A0 thru A9	1477076	1		
	Selection ID Labels: B0 thru B9	1477077	1		
	Selection ID Labels: C0 thru C9	1477078	1		
	Selection ID Labels: D0 thru D9	1477079	1		
	Selection ID Labels: E0 thru E9	1477080	1		
	Selection ID Labels: F0 thru F9	1477081	1		
	Retainer - Spiral Wall	1477083	10		
	Contents Ilst - Bag Assembly	1470044	1		

1470060

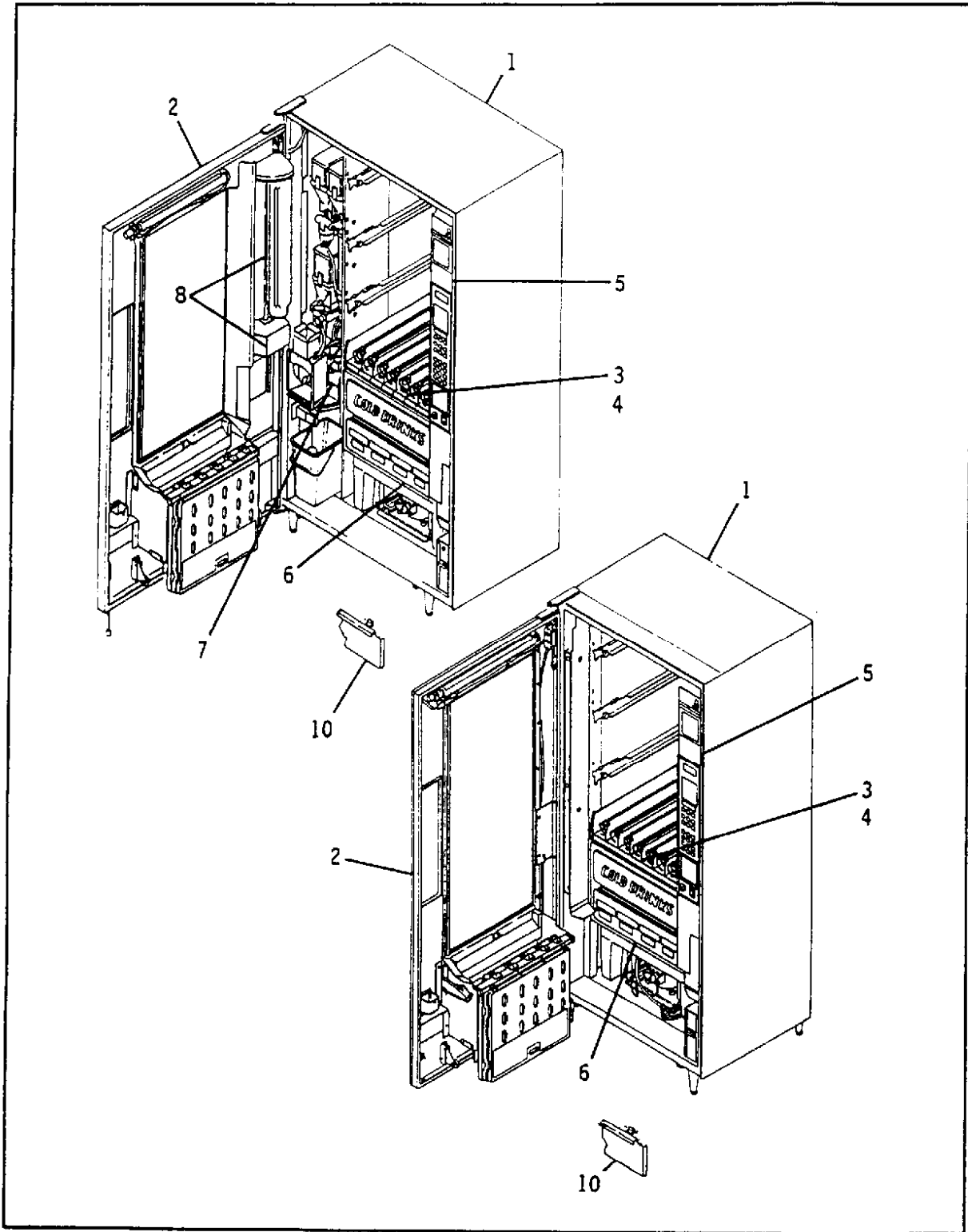


Figure 3. Merchandiser - REFRESHMENT CENTER 2 and 3

FIGURE- INDEX NUMBER	DESCRIPTION	474		475/476	
		PART NO.	QTY.	PART NO.	QTY.
3-	Merchandiser - REFRESHMENT CENTER 2	-----	1	N/A	
	Merchandiser - REFRESHMENT CENTER 3	N/A		-----	1
3-1	Cabinet - Common - 474 (See Figure 8 for Breakdown)	4741200	1	N/A	
	Cabinet - Common - 475 (See Figure 9 for Breakdown)	N/A		4751200	1
	Cabinet - Common - 476 (See Figure 9 for Breakdown)	N/A		4761200	1
3-2	Door Assembly - Common (See Figures 13 and 14 for Breakdown)	4742200	1	4752100	1
3-3	Spiral Assembly - 4 Selection Snack Tray (See Figure 23 for Breakdown)	-----	2	-----	2
3-4	Spiral Assembly - 8 Selection Candy Tray (See Figure 22 for Breakdown)	-----	1	-----	1
3-5	Panel Assembly - Monetary (See Figure 24 for Breakdown)	1475000	1		
3-6	Can and Refrigeration Module - 8 Select (See Figure 27 for Breakdown) (Screw #8-32 x 3/8, Acorn) (Screw #8-18 x 5/8, Hex Hd)	4744039	1		
		9900106	2		
		4727144	2		
	Can and Refrigeration Module - 4 Select (See Figure 27 for Breakdown) (Screw #8-32 x 3/8, Acorn) (Screw #8-18 x 5/8, Hex Hd)	4744040	1		
		9900106	2		
		4727144	2		
3-7	Hot Drink Module (See Figure 33 for Breakdown)	N/A		-----	1
3-8	Dispenser Assembly - Cup (See Figure 21 for Breakdown) (Screw #8-32 x 3/8, Hex W/Hd) (Stud - Mounting)	N/A		-----	1
		N/A		3157060	1
		N/A		4733005	2
3-9	Plastic Bag Assembly - Not Shown Includes the following:	-----	1		
	Bag - Plastic	1470041	1		
	Documentation Package	4740026	1		
	Label - Cover-up - H.W.	4752148	1		
	Price Roll - Dollars	1477015	2		
	Selection ID Labels: A0 thru A9	1477076	1		
	Selection ID Labels: B0 thru B9	1477077	1		

FIGURE- INDEX NUMBER	DESCRIPTION	474		475/476	
		PART NO.	QTY.	PART NO.	QTY.
	Selection ID Labels: C0 thru C9	1477078	1		
	Selection ID Labels: D0 thru D9	1477079	1		
	Selection ID Labels: E0 thru E9	N/A		1477080	1
	Selection ID Labels: F0 thru F9	N/A		1477081	1
	Retainer - Spiral Wall	1477083	8		
	Flavor Strips - 10	4747091	1		
	Product ID Labels/Flavor Strips	4747097	1		
	Elbow W/Tape	N/A		3158008	1
	Label - Everpure	N/A		3158026	1
	Contents List - Bag Assembly	4740025	1		
	<u>THE FOLLOWING ARE AVAILABLE BUT NOT SHOWN:</u>				
	Label - UL Listing	2221599	1		
	Label - FCC Approval	5580121	1		
	Label - NAMA Listed	6230021	1		
	Label - Union	2221039	1		
	Label - Patent	2221076	1		
	<u>OPTIONS</u>				
3-10	Base Plate Package (See Figure 26 for Breakdown)	-----	1	-----	1
	Installation Instructions - Base Plate (Included with Base Plate Package)	1470032	1		

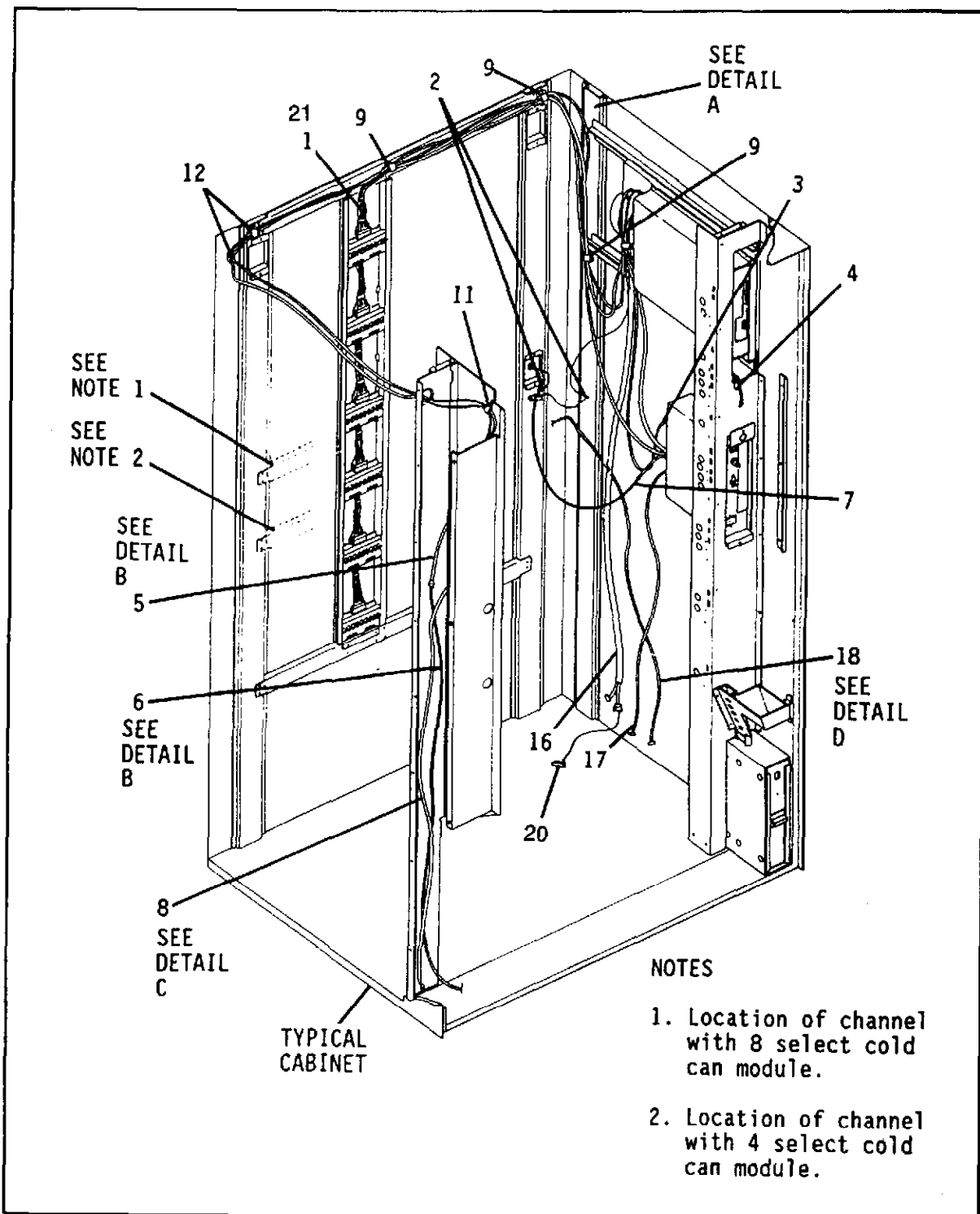


Figure 5. Harnesses and Cable Clamps - Models 147, 148 and 474
(Sheet 1 of 2)

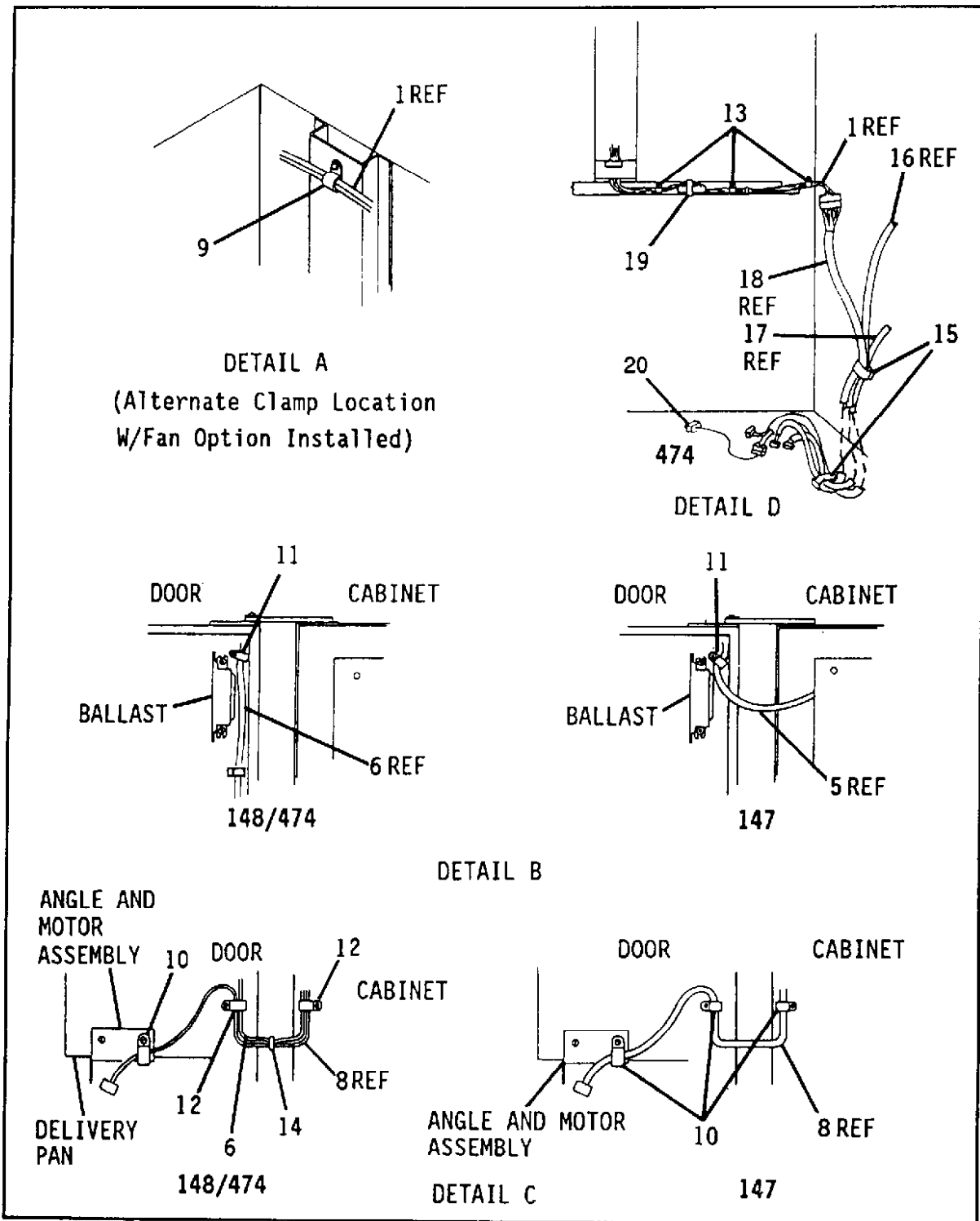


Figure 5. Harnesses and Cable Clamps - Models 147, 148 and 474
(Sheet 2 of 2)

FIGURE- INDEX NUMBER	DESCRIPTION	147		148		474	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
5-	Harness Routing	-----	Ref	-----	Ref	-----	Ref
5-1	Harness - Cabinet - 6 Tray	Obsolete	1				
5-2	Screw - Ground #8-32 x 5/16, Hex Hd, T/F (Lockwasher #8)	1451097 6131148	2 2				
5-3	Power Supply - Interface to Controller	1471100	1				
5-4	Harness - Validator	1471073	1				
5-5	Jumper - Fluorescent Light	1471106	1		1		1
5-6	Jumper - Fluorescent Light (Retainer - Harness - 3/8 Dia.) (Not Shown)	N/A N/A		1481024 1452139	1 4		1 4
5-7	Harness - Power Cord to Control Box	4751148	1				
5-8	Jumper - Gum and Mint	1471112	1				
5-9	Clamp - Cable - 9/16 (Screw #8-32 x 3/8, THS, Black)	3106144 1170206	3 1				
5-10	Clamp - Cable - 3/8 (Screw #8-32 x 3/8, THS, Black)	1452139 1170206	3 1		1		1
5-11	Clamp - Cable - 3/8 (Screw #8-32 x 3/8, THS, Black) (Nut #8-32 W/LW)	2302227 1170206 9900081	2 1 1				
5-12	Clamp - Cable - 1/2 (Screw #8-32 x 5/16, Hex Hd, T/F)	N/A N/A		4732024 1451097	4 1		2 1
5-13	Clamp - Cable - 1/4 (Screw #8-32 x 5/16, Hex Hd, T/F)	N/A N/A		N/A N/A		1211161 1451097	3 1
5-14	Wire Tie - Self-Clinching	N/A		4042121	1		1
5-15	Clip - Cable - Self-adhesive	N/A		N/A		4741018	2
5-16	Harness - Temperature Sensor	N/A		N/A		4741034	1
5-17	Harness - Power to Can Module	N/A		N/A		4751198	1
5-18	Harness - Channel to Can Module	N/A		N/A		4741205	1
5-19	Wire Tie	N/A		N/A		3106145	1
5-20	Jumper - Can/Food Module	N/A		N/A		4741204	1
	<u>OPTIONS</u>						
5-21	Harness - Cabinet - 7 Tray	1471182	1				

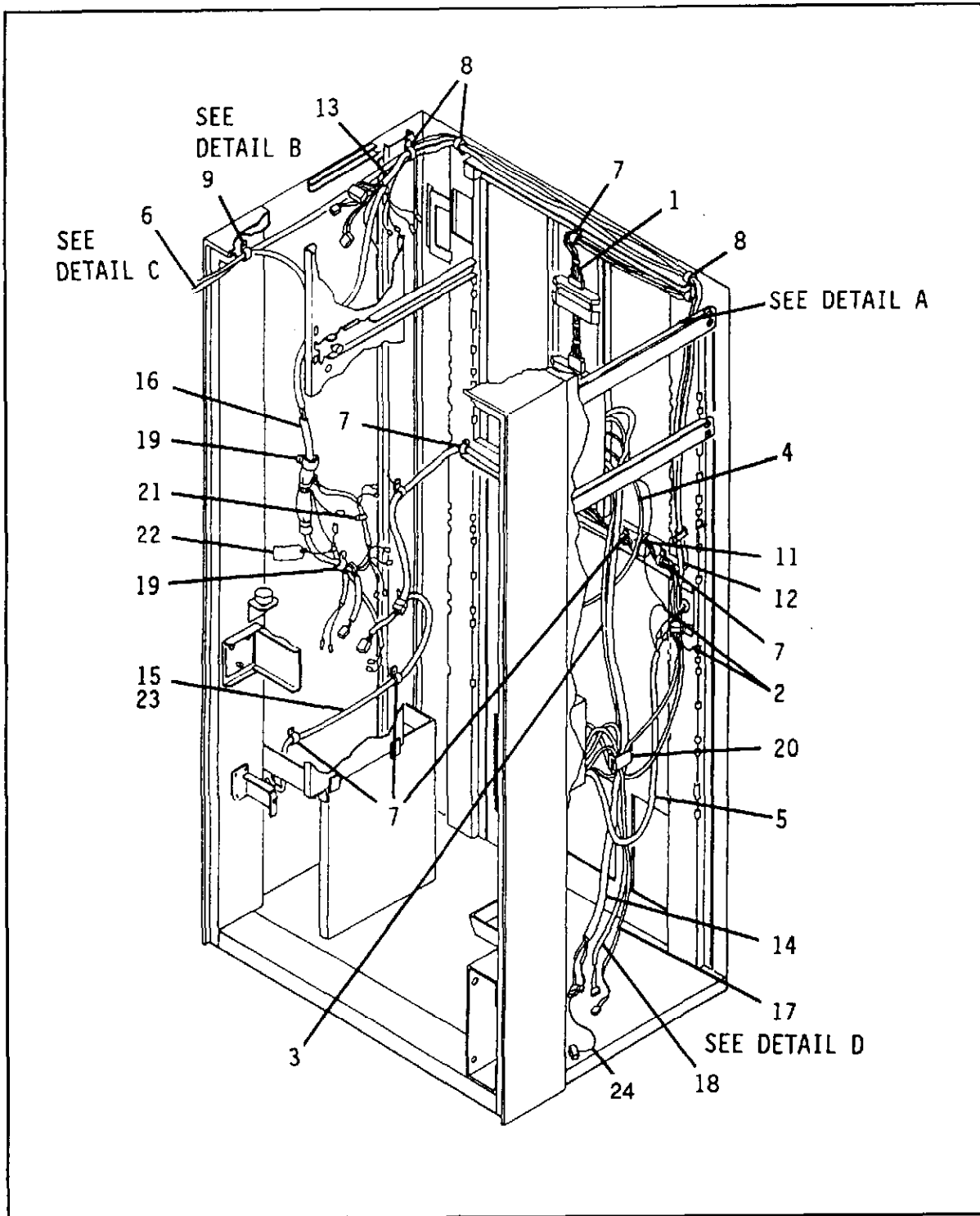


Figure 7. Harnesses and Cable Clamps - Model 475/476
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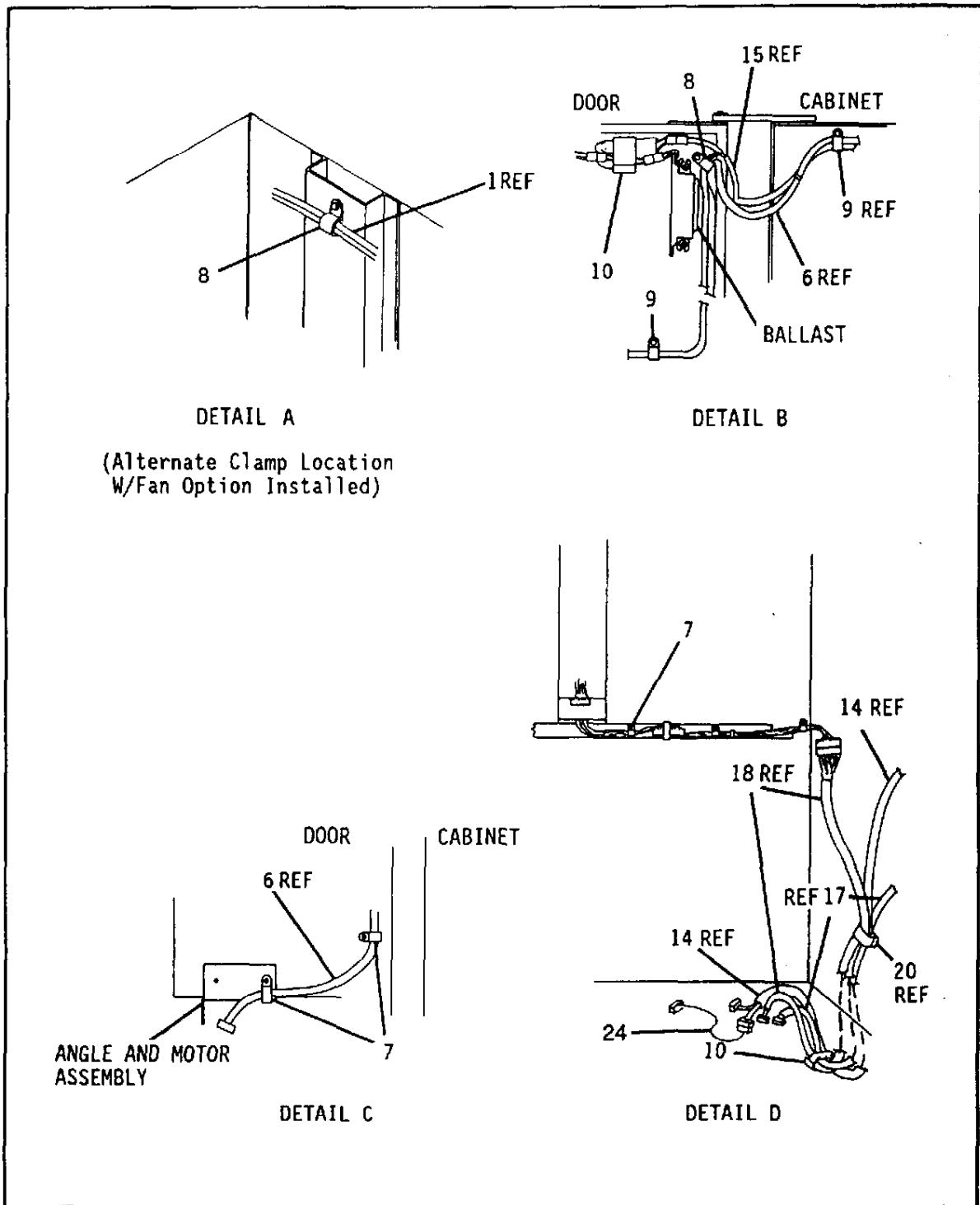


Figure 7. Harnesses and Cable Clamps - Model 475/476
(Sheet 2 of 2)

1470060

FIGURE- INDEX NUMBER	DESCRIPTION	475		476	
		PART NO.	QTY.	PART NO.	QTY.
7-	Harness Routing	-----	---	-----	--
7-1	Harness - Cabinet - 6 Tray	1471183	1		
7-2	Screw - Ground #8-32 x 5/16, Hex Hd, T/F (Lockwasher #8)	1451097 6131148	2 2		
7-3	Power Supply - Interface to Controller	1471100	1		
7-4	Harness - Validator	1471073	1		
7-5	Harness - Power Cord to Control Box	4751148	1		
7-6	Jumper - Gum and Mint (Clamp - Cable - Self-Adhesive)	1471112 6131143	1 1		
7-7	Clamp - Cable - 3/8 (Screw #8-32 x 3/8, THS, Black)	1452139 1170206	7 1		
7-8	Clamp - Cable - 5/8 (Screw #8-32 x 3/8, THS, Black)	4751060 1170206	4 1		
7-9	Clamp - Cable - 1/2 (Screw #8-32 x 5/16, Hex Hd, T/F)	4732024 1451097	2 1		
7-10	Clip - Cable - Self-adhesive	4741018	2		
7-11	Wire Tie	3106145	1		
7-12	Harness - Power Supply to Coffee Module	4751045	1		
7-13	Harness - Com Link - Refreshment Center 3	4751085	1		
7-14	Harness - Temperature Sensor	4741034	1		
7-15	Harness - Power to Coffee Module	4751043	1		
7-16	Harness - Coffee Module	4751140	1		
7-17	Harness - Power to Can Module	4741010	1		
7-18	Harness - Channel to Can Module	4741205	1		
7-19	Clamp - Cable - 3/4 (Screw #8-32 x 3/8, THS, Black)	1411112 1170206	2 1		
7-20	Clip - Cable - Self-adhesive	4741018	1		
7-21	Clamp - Cable - 3/8 (Screw #8-32 x 3/8, THS, Black)	2302227 1170206	1 1		
7-22	Tag - HTR Disconnect Instr.	6138099	1		
7-23	Jumper - Brew - SWS	N/A	N/A	4761002	1
7-24	Jumper - Can/Food Module	4741204	1		

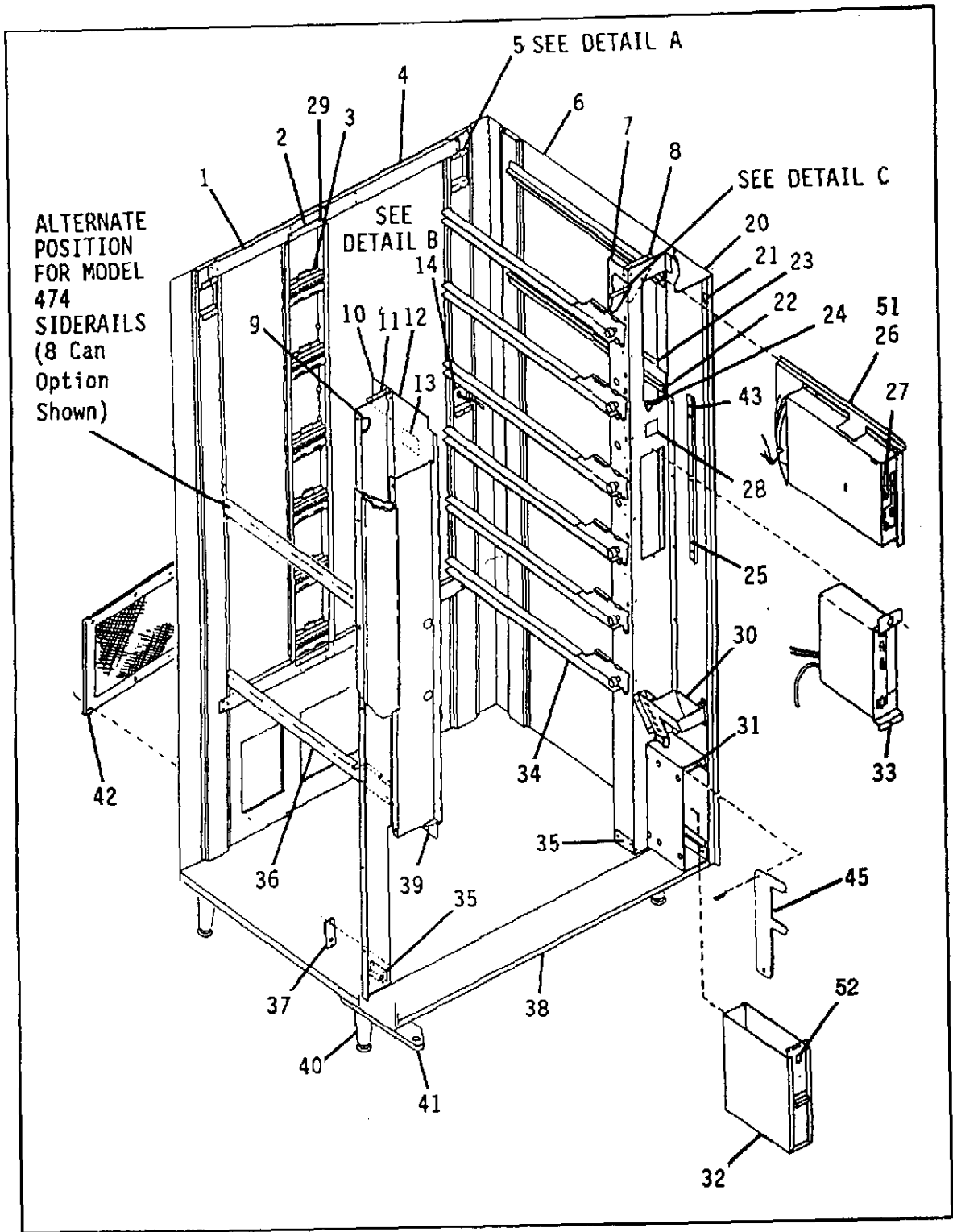


Figure 8. Common Cabinet - Models 147, 148 and 474 (Sheet 1 of 2)

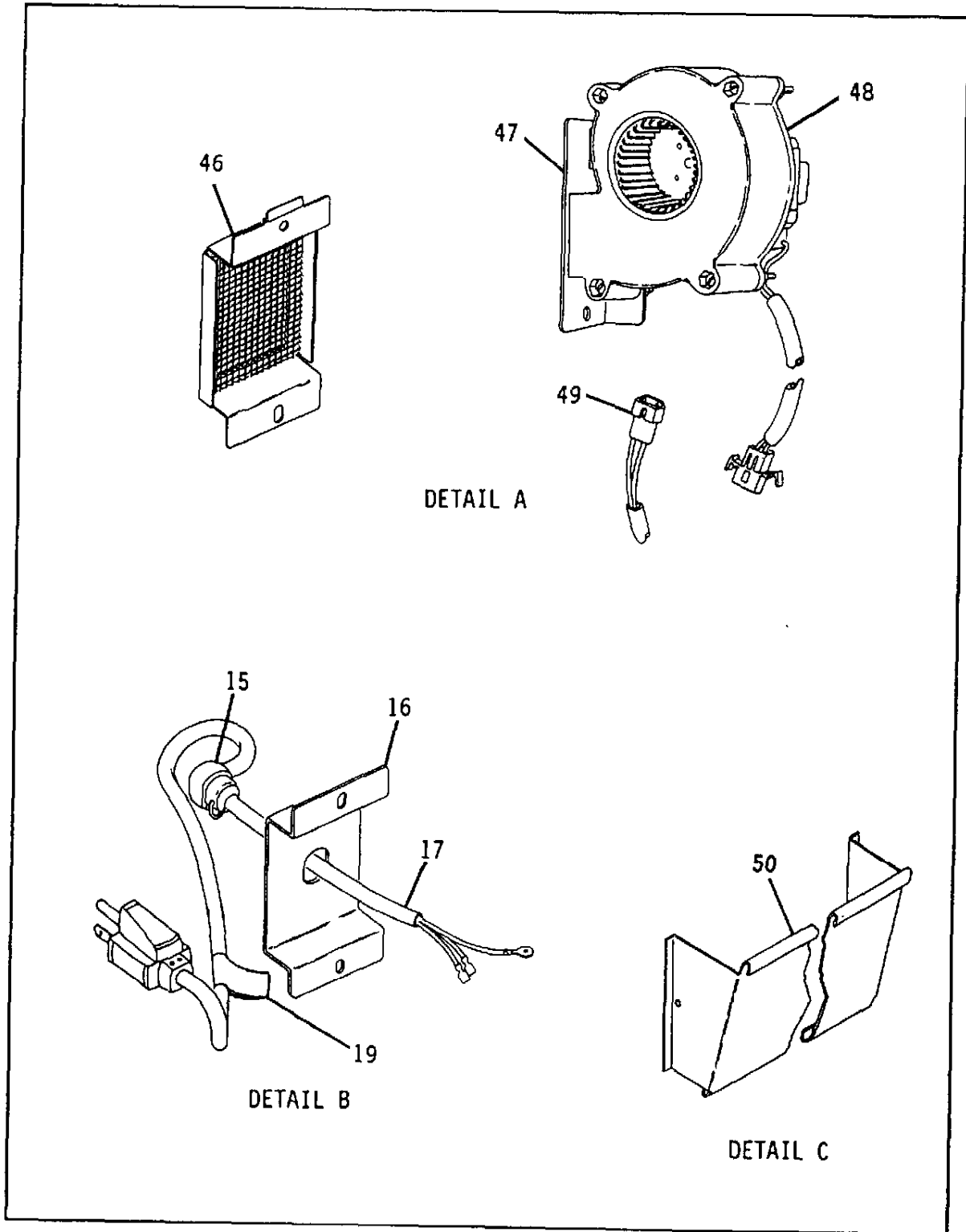


Figure 8. Common Cabinet - Models 147, 148 and 474 (Sheet 2 of 2)

FIGURE- INDEX NUMBER	DESCRIPTION	147		148		474	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
8-	Cabinet - Common (See Figure 2/3, Index 1 for Next Higher Assembly)	-----	Ref	-----	Ref	4741200	Ref
8-1	"U" Channel - Receptacle Mounting (Screw #8-32 x 5/16, Hex Hd, T/F)	1471241 1451097	2 4	1481057	2	1481057	2
8-2	Channel - Mounting - Receptacle (5,6 or 7 Tray Option) (Screw #8-32 x 5/16, Hex Hd, T/F)	1471120 1451097	1 4			N/A N/A	
	Channel - Mounting - Receptacle (3 Tray Option) Used With 8 Selection Cold Can Module (Screw #8-32 x 5/16, Hex Hd, T/F)	N/A		N/A		4401023	1
	Channel - Mounting - Receptacle (4 Tray Option) Used With 4 Selection Cold Can Module (Screw #8-32 x 5/16, Hex Hd, T/F)	N/A		N/A		1451097	4
	Channel - Mounting - Receptacle (4 Tray Option) Used With 4 Selection Cold Can Module (Screw #8-32 x 5/16, Hex Hd, T/F)	N/A		N/A		4741005	1
	Channel - Mounting - Receptacle (4 Tray Option) Used With 4 Selection Cold Can Module (Screw #8-32 x 5/16, Hex Hd, T/F)	N/A		N/A		1451097	4
8-3	Receptacle Block and PCB Assembly A = 3 in 3 Tray Option A = 4 in 4 Tray Option A = 5 in 5 Tray Option A = 6 in 6 Tray Option A = 7 in 7 Tray Option	1471066	A				
8-4	Tag - Electrical Rating	1471007	1	1481003	1	4741056	1
8-5	Cover - Exhaust Fan Hole (Screw #8-32 x 5/16, Hex Hd, T/F)	1671032 1451097	2 2				
8-6	Cabinet Assembly - Weldment	1471311	1	1481060	1	1481060	1
8-7	Channel - Tray Rail Mounting - RH (Screw #8-32 x 5/16, Hex Hd, T/F)	1471211 1451097	1 10				
8-8	Gusset - Mounting Channel - RH (Screw #8-32 x 5/16, Hex Hd, T/F)	1471085 1451097	1 2				
8-9	Snap Bushing	6106021	1				
8-10	Gusset - Mounting Channel - LH (Screw #8-32 x 5/16, Hex Hd, T/F)	1471057 1451097	1 2	1481017	1	1481017	1
8-11	Channel and Support Assembly - Tray Rail (Screw #8-32 x 5/16, Hex Hd, T/F)	1471225 1451097	1 12	N/A N/A		N/A N/A	
	Channel - Tray Rail Mounting - LH (Screw #8-32 x 5/16, Hex Hd, T/F)	N/A N/A		1481045 1451097	1 12	1481045 1451097	1 12

FIGURE- INDEX NUMBER	DESCRIPTION	147		148		474	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
8-12	End Plate Display - LH (Screw #8-32 x 5/16, Hex Hd, T/F) (Screw #8-18 x 3/8 LGM) (Nut #8-32 W/LW)	1471114	1	1481023	1	4401027	1
		1451097	3		3		3
		4721035	3		2		2
		9900081	1		1		1
	Panel - End Plate Filler (Not Shown)					1482243	1
8-13	Label - Model Designation	1472031	1	1482115	1	4742015	1
8-14	Power Cord and Bracket Assembly (Screw #8-32 x 5/16, Hex Hd, T/F)	1471064	1				
		1451097	2				
8-15	Bushing - Right Angle	7101028	1				
8-16	Bracket - Mounting - Power Cord	1471065	1				
8-17	Grounded Cord Set Assembly	9989522	1				
8-18	DELETED						
8-19	Label - Power Cord	9989526	1				
8-20	Extension Assembly - Cabinet - Top (Screw #8-32 x 5/16, Hex Hd, T/F) (Screw #8-18 x 3/8 LGM)	1471227	1	1481052	1	1481052	1
		1451097	5		4		4
		4721035	4		4		4
8-21	Lock Arm - Cabinet (Screw #10-32 x 3/8)	1471160	2		1		1
		1217161	2				
8-22	Cup - Spacer	1302289	1				
8-23	Guide Rail - Control Panel (Screw #8-32 x 5/16, Hex Hd, T/F)	1471013	2				
		1451097	4				
8-24	Edge Mount - Harness Wire Tie (Screw #8-32 x 1/2, PHS, T/C, W/LW)	1411122	1		1		1
		2204513	2				
		9900197	1				
8-25	Stop - Monetary Panel (Screw #8-18 x 3/8 LGM)	1471009	1				
		4721035	3				
8-26	Controller Assembly (See Figure 10 for Breakdown)	1471118	1	1471118	1	4741012	1
8-27	Clamp - Wire (Screw #8-32 x 5/16, Hex Hd, T/F) Cover - Clamp	1451042	1				
		1451097	2				
		1451043	1				
8-28	Label - Caution - Electrical Connection	9989411	1				
8-29	Screw #8-32 x 1/2, Hex Hd, T/F, BLK (Used with Index 8-2 in place of 1, 1451097 screw)	4741050	1				
8-30	Chute Assembly - Payout (Screw #8-32 x 5/16, Hex Hd, T/F) (Screw #8-18 x 3/8 LGM)	1471049	1				
		1451097	2				
		4721035	2				

FIGURE- INDEX NUMBER	DESCRIPTION	147		148		474	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
8-31	Housing Assembly - Money Box (Screw #8-18 x 3/8 LGM)	1471040	1				
		4721035	4				
8-32	Box Assembly - Money	1471045	1				
8-33	Power Panel Assembly (See Figure 11 for Breakdown) (Screw #8-32 x 5/16, Hex Hd, T/F)	1471076	1	1471076	1	4741007	1
		1451097	2				
8-34	Tray Guide Rail Assembly - RH A = 5 in 5 Tray Option A = 6 in 6 Tray Option A = 7 in 7 Tray Option B = 3 in 3 Tray Option B = 4 in 4 Tray Option (Screw #8-32 x 5/16, Hex Hd, T/F)	1471141	A		A		B
		1451097	1				
8-35	Angle - Tray Rail Mounting Channel (Screw #8-32 x 5/16, Hex Hd, T/F)	1471010	2				
		1451097	2				
8-36	Tray Guide Rail Assembly - LH A = 5 in 5 Tray Option A = 6 in 6 Tray Option A = 7 in 7 Tray Option B = 3 in 3 Tray Option B = 4 in 4 Tray Option (Screw #8-32 x 5/16, Hex Hd, T/F)	1471242	A		A		B
		1451097	1				
8-37	Plate and Spring Assembly - Door Check (Screw #8-32 x 5/16, Hex Hd, T/F)	1451039	1				
		1451097	2				
8-38	Cabinet Extension - Lower (Screw #8-32 x 5/16, Hex Hd, T/F) (Screw #8-18 x 3/8 LGM)	1471128	1	1481018	1	1481018	1
		1451097	5		4		4
		4721035	4		4		4
8-39	Deflector - Product (Screw #8-32 x 3/8, T/H, Black) (Nut #8-32 W/LW)	N/A		1482132	1	1482132	1
		N/A		1170206	2		2
		N/A		9900081	2		2
8-40	Leg and Leveler Assembly - Cabinet (Screw #5/16-18 x 1.00, Hex Hd, T/F) Leveler - Cabinet	1471237	4				
		1451093	4				
		1471098	4				
8-41	Plate and Support Assembly - Lower Hinge (Bolt - Carriage #5/16-18 x 3/4 Hex) (Nut #5/16-18 Self-Locking)	1471014	1				
		1171021	2				
		1171022	2				
8-42	Screen Assembly - Vent (Screw #8-32 x 5/16, Hex Hd, T/F)	N/A		4741001	1	4741001	1
		N/A		1451097	6		6
8-43	Spacer - Cup (Screw #8-18 x 5/8, Hex Hd)	2302053	1				
		4727144	1				
8-44	Plug - Hole (Not Shown)	N/A		1431082	1	1431082	1

FIGURE- INDEX NUMBER	DESCRIPTION	147		148		474	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
8-45	Bracket - Door Support (Screw -Sheet Metal #8 x 3/8, PHS, W/LW)	1471278	1				
		4047057	2				
	<u>OPTIONS</u>						
8-46	Bracket and Screen Assembly - Exhaust Fan (Screw #8-32 x 5/16, Hex Hd,T/F)	1471054	1				
		1451091	2				
8-47	Bracket - Exhaust Fan (Screw #8-32 x 5/16, Hex Hd, T/F)	1471089	1				
		1451097	2				
8-48	Blower Assembly - Horizontal (Nut #8-32 W/LW)	6107030	1				
		9900081	2				
8-49	Harness - Fan	1471259	1				
8-50	Panel - Filler Available With 5 Tray Option Only	1472260	1	N/A		N/A	
	Panel - Filler Available With 3 or 5 Tray Options Only	N/A		1482004	1	1482004	1
8-51	Controller Assembly (See Figure 10 for Breakdown)	-----	1			N/A	
8-52	Lock - Money Box	1101906	1				
	<u>THE FOLLOWING IS AVAILABLE AS AN ASSEMBLY:</u>						
	Bracket and Fan Assembly (Includes Index 8-47 and Index 8-48)	1471088	1				

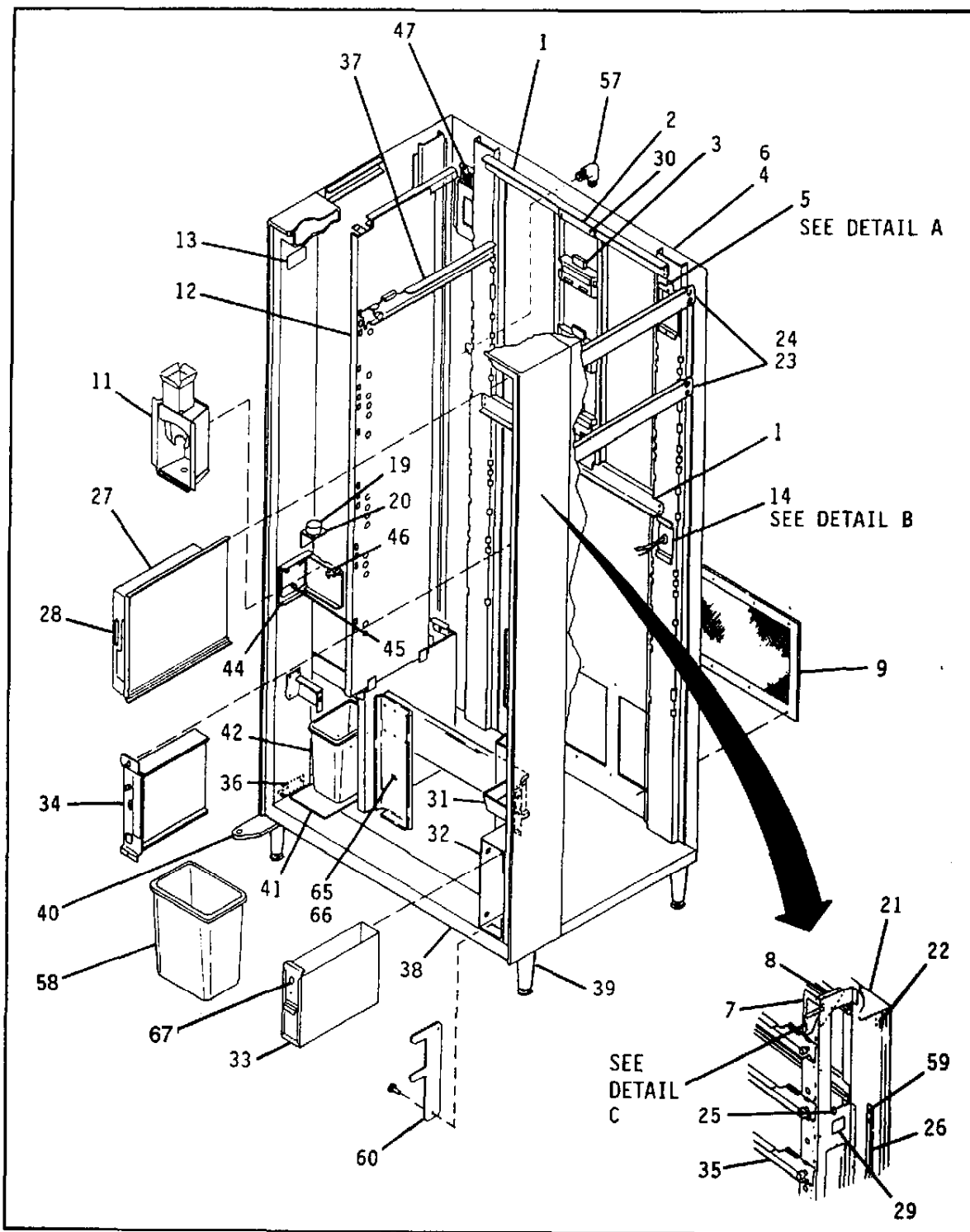


Figure 9. Common Cabinet - Model 475/476 (Sheet 1 of 2)

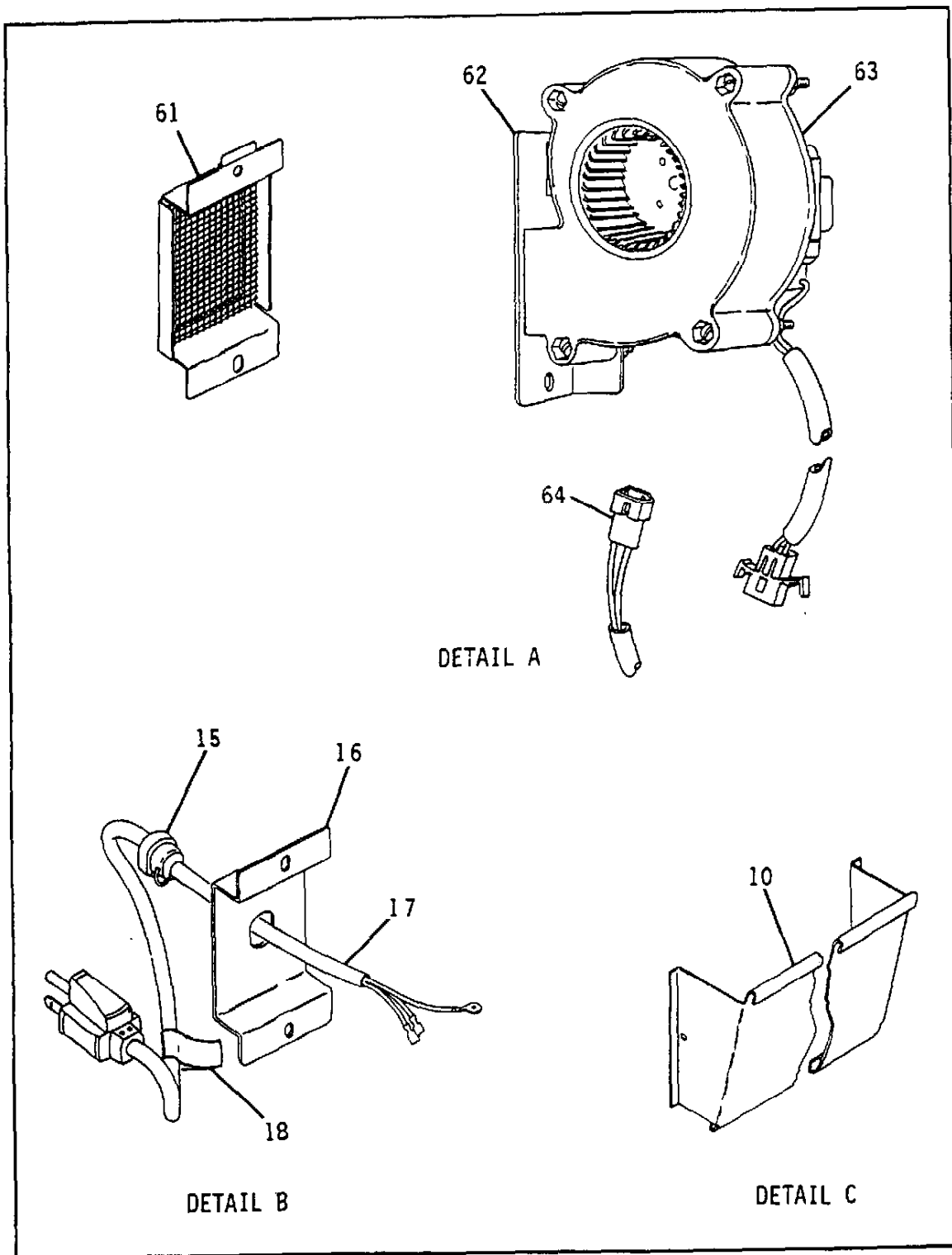


Figure 9. Common Cabinet - Model 475/476 (Sheet 2 of 2)

FIGURE- INDEX NUMBER	DESCRIPTION	475		476	
		PART NO.	QTY.	PART NO.	QTY.
9-	Cabinet - Common (See Figure 3, Index 3-1 for Next Higher Assembly)	4751200	Ref	4761200	Ref
9-1	"U" Channel - Receptacle Mounting (Screw #8-32 x 5/16, Hex Hd, T/F)	1481038	2		
		1451097	4		
9-2	Channel - Mounting - Receptacle - 3 Tray Used With 8 Selection Cold Can Module (Screw #8-32 x 5/16, Hex Hd, T/F)	4741006	1		
		1451097	4		
	Channel - Mounting - Receptacle - 5, 6 or 7 Tray (Screw #8-32 x 5/16, Hex Hd, T/F)	1471120	1		
		1451097	4		
	Channel - Mounting - Receptacle - 4 Tray Used With 4 Selection Cold Can Module (Screw #8-32 x 5/16, Hex Hd, T/F)	4741005	1		
		1451097	4		
9-3	Receptacle Block and PCB Assembly A = 3 in 3 Tray Option A = 4 in 4 Tray Option A = 5 in 5 Tray Option A = 6 in 6 Tray Option A = 7 in 7 Tray Option	1471066	A		
9-4	Tag - Electrical Rating	4751212	1	4761174	1
9-5	Cover - Exhaust Fan Hole (Screw #8-32 x 5/16, Hex Hd, T/F)	1471090	1		
		1451097	2		
9-6	Cabinet Assembly - Weldment	4751215	1		
9-7	Channel - Tray Rail Mounting - RH (Screw #8-32 x 5/16, Hex Hd, T/F)	1471211	1		
		1451097	10		
9-8	Gusset - Mounting Channel - RH (Screw #8-32 x 5/16, Hex Hd, T/F)	1471085	1		
		1451097	2		
9-9	Vent Screen Assembly	4741001	1		
9-10	Panel - Filler (Available with 3 and 5 Tray Option Only)	1482004	1		
9-11	Cup Station Assembly (See Figure 12 for Breakdown)	4731152	1		
9-12	Liner Assembly - LH (Screw #8-32 x 5/16, Hex Hd, T/F) (Screw #8-18 x 3/8 LGM) (Nut #8-32 W/LW)	4791004	1		
		1451097	3		
		4721035	3		
		9900081	1		
9-13	Label - Model Designation	4752058	1	4762032	1
9-14	Power Cord and Bracket Assembly (Screw #8-32 x 5/16, Hex Hd, T/F)	4751031	1		
		1451097	2		
9-15	Bushing - Strain Relief Heyco	3104056	1		
9-16	Bracket - Mounting - Power Cord	4751041	1		

1470060

FIGURE- INDEX NUMBER	DESCRIPTION	475		476	
		PART NO.	QTY.	PART NO.	QTY.
9-17	Power Cord Assembly	9984513	1		
9-18	Label - Power Cord	9989526	1		
9-19	Gauge - Compressor	6108065	1		
9-20	Bracket - Pressure Gauge	4751050	1		
9-21	Extension Assembly - Cabinet - Top (Screw #8-32 x 5/16, Hex Hd, T/F) (Screw #8-18 x 3/8 LGM)	1471227 1451097 4721035	1 5 4		
9-22	Lock Arm - Cabinet (Screw #10-32 x 3/8)	1471160 4041053	2 2		
9-23	Guide Rail - Control Panel (Screw #8-32 x 5/16, Hex Hd, T/F)	1471013 1451097	2 4		
9-24	Cup - Spacer	1302289	1		
9-25	Edge Mount - Harness Wire Tie (Screw #8-32 x 1/2, PHS, T/C, W/LW)	1411122 2204513 9900197	1 2 1		
9-26	Stop - Monetary Panel (Screw #8-18 x 3/8 LGM)	1471009 4721035	1 3		
9-27	Controller Assembly (See Figure 10 for Breakdown)	4751037	1		
9-28	Clamp - Wire (Screw #8-32 x 5/16, Hex Hd, T/F) Cover - Clamp	1451042 1451097 1451043	1 2 1		
9-29	Label - Caution - Electrical Connection	9989411	1		
9-30	Screw #8-32 x 1/2, Hex Hd, T/F, BLK (Used with Index 9-2 in place of 1, 1451097 screw)	4741050	1		
9-31	Chute Assembly - Payout (Screw #8-32 x 5/16, Hex Hd, T/F) (Screw #8-18 x 3/8 LGM)	1471049 1451097 4721035	1 2 2		
9-32	Housing Assembly - Money Box (Screw #8-18 x 3/8 LGM)	1471040 4721035	1 4		
9-33	Box Assembly - Money	1471045	1		
9-34	Power Panel Assembly (See Figure 11 for Breakdown) (Screw #8-32 x 5/16, Hex Hd, T/F)	4751038 1451097	1 2		

FIGURE- INDEX NUMBER	DESCRIPTION	475		476	
		PART NO.	QTY.	PART NO.	QTY.
9-35	Tray Guide Rail Assembly - RH A = 3 in 3 Tray Option A = 4 in 4 Tray Option A = 5 in 5 Tray Option A = 6 in 6 Tray Option A = 7 in 7 Tray Option (Screw #8-32 x 5/16, Hex Hd, T/F)	1471141	A		
		1451097	1		
9-36	Angle - Tray Rail Mounting Channel (Screw #8-32 x 5/16, Hex Hd, T/F)	1471010	2		
		1451097	2		
9-37	Tray Guide Rail Assembly - LH A = 3 in 3 Tray Option A = 4 in 4 Tray Option A = 5 in 5 Tray Option A = 6 in 6 Tray Option A = 7 in 7 Tray Option (Screw #8-32 x 5/16, Hex Hd, T/F)	1471242	A		
		1451097	1		
9-38	Cabinet Extension - Lower (Screw #8-32 x 5/16, Hex Hd, T/F) (Screw #8-18 x 3/8 LGM)	1471128	1		
		1451097	5		
		4721035	4		
9-39	Leg and Leveler Assembly - Cabinet (Screw #5/16-18 x 1.00, Hex Hd, T/F) Leveler - Cabinet	1471237	4		
		1451093	4		
		1471098	4		
9-40	Plate and Support Assembly - Lower Hinge (Bolt - Carriage #5/16-18 x 3/4 Hex) (Nut #5/16-18 Self-Locking)	1471014	1		
		1171021	2		
		1171022	2		
9-41	Base - Bucket (Screw #8-32 x 5/16, THS, T/C)	4751074	1		
		9900166	1		
9-42	Bucket - Waste	6201025	1		
9-43	Support - Tray (Screw #8-32 x 5/16, Hex Hd, T/F)	4751048	1		
		1451097	1		
9-44	Mounting Bracket - Cup Station (Stud - Mounting Bracket - Cup Station) (Screw #8-32 x 5/16, Hex Hd, T/F) (Nut #8-32 KEPS)	4751049	1		
		4751023	2		
		1451097	1		
		9900081	2		
9-45	Locator - Mounting Bracket	4751052	1		
9-46	Nozzle Support (Screw #8-32 x 5/16, Hex Hd, T/F)	4731033	1		
		1451097	1		
9-47	Screen Assembly - Cabinet Back (Wing Nut #8-32)	6131041	1		
		9900031	1		
9-48	Plug - Hole (Not Shown)	1431082	2		
9-49	Screw #8-32 x 5/16, Hex Hd, T/C (Not Shown)	1451056	2		
9-50	Spacer (Not Shown)	1472083	2		

FIGURE- INDEX NUMBER	DESCRIPTION	475		476	
		PART NO.	QTY.	PART NO.	QTY.
9-51	Washer 3/8 ID x 9/16 OD (Not Shown)	1472087	2		
9-52	Screw #8-32 x 5/16, PHS, W/LW, T/C (Not Shown)	4047095	6		
9-53	Lock Washer #8 External Tooth (Not Shown)	6131148	2		
9-54	Screw #8-32 x 3/8 RHS (Not Shown)	9900019	3		
9-55	Washer - Steel .206 ID x 7/16 OD (Not Shown)	9900121	1		
9-56	Washer - Brass 5/16 ID x 9/16 OD (Not Shown)	9900171	4		
9-57	Elbow W/Tape (See Figure 3, Index 9)	3158008	Ref		
9-58	Waste Bucket - Dry Grounds Bags - Dry Grounds (Not Shown, Used with waste bucket)	4731035 6104340	1 10		
9-59	Spacer - Cup (Screw #8-18 x 5/8, Hex Hd)	2302053 4727144	1 1		
9-60	Bracket - Door Support (Screw - Sheet Metal #8 x 3/8, PHS, W/LW)	1471278 4047057	1 2		
	<u>OPTIONS</u>				
9-61	Bracket and Screen Assembly - Exhaust Fan (Screw #8-32 x 5/16, Hex Hd, T/F)	1471054 1451097	1 2		
9-62	Bracket - Exhaust Fan (Screw #8-32 x 5/16, Hex Hd, T/F)	1471089 1451097	1 2		
9-63	Blower Assembly - Horizontal (Nut #8-32 W/LW)	6107030 9900081	1 2		
9-64	Harness - Fan	1471259	1		
9-65	Brace Assembly - Channel(Used With 7 Tray Option only) (Screw #8-32 x 5/16, Hex Hd, T/F)	4751143 1451097	1 6		
9-66	Gusset - Channel Brace(Used With 7 Tray Option only) (Screw #8-32 x 5/16, Hex Hd, T/F)	4751146 1451097	1 2		
9-67	Lock - Money Box	1101906	1		
	<u>THE FOLLOWING IS AVAILABLE AS AN ASSEMBLY:</u>				
	Bracket and Fan Assembly (Includes Index 9-62 and Index 9-63)	1471088	1		

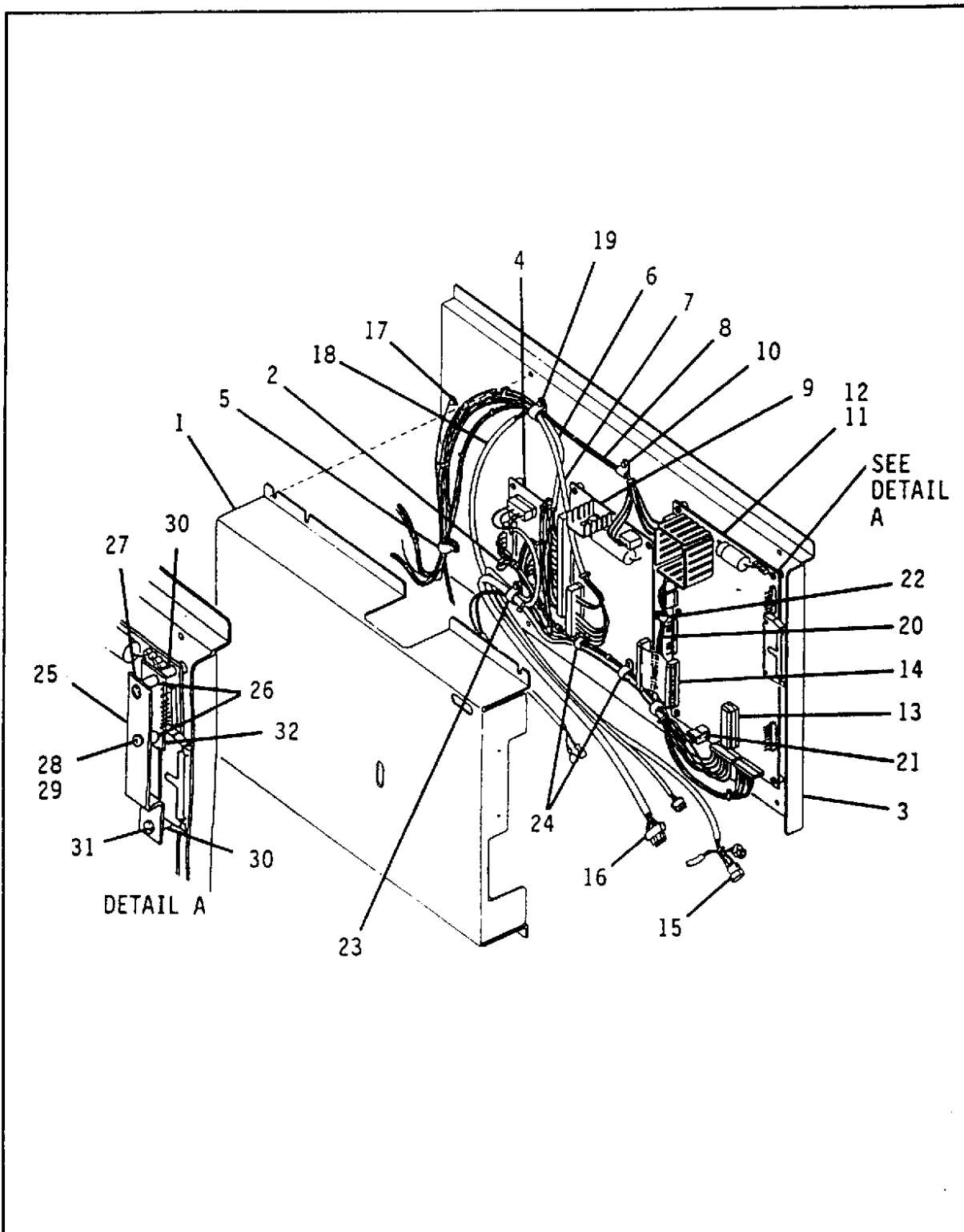


Figure 10. Controller Assembly

1470060

FIGURE- INDEX NUMBER	DESCRIPTION	147/148		461/462/474		475/476	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
10-	Controller Assembly (See Figure 8/9/59, Index 8-26,9-27,59-26 for Next Higher Assembly)	1471118	Ref	4741012	Ref	4751037	Ref
10-1	Cover - Control Panel (Screw #8-32 x 5/16, Hex Hd, T/F)	1471188 1451097	1 4				
10-2	Harness - Validator	1471073	1				
10-3	Chassis - Controller	1471187	1				
10-4	PCB Assembly - Coin Mech and Validator PCB has 10-pins down one side You may only need to use 7 of these pins.	9989586	1				
10-5	Clamp - Cable (Screw #8-32 x 5/16, Hex Hd, T/F)	3102348 1451097	1 1	4732024	1	3102491	1
10-6	Harness - Cabinet - 6 Tray	1471183	1				
10-7	Jumper - Gum and Mint	1471112	1				
10-8	Harness - Power Supply Interface	1471079	1				
10-9	PCB Assembly - Snack Interface (Plastic Expansion Nut - 1/4 Spacer) (Screw #8-32 x 1/2 PHS)	1471291 9989329 1451112	1 4 2				
10-10	Wire Clamp - 1/4 inch (Screw #8-32 x 5/16, Hex Hd, T/F)	1211161 1451097	1 1				
10-11	Controller Assembly - Snack - OBSOLETE (Includes Index 10-12 and 10-13) (Plastic Expansion Nut - 1/4 Spacer) (Screw #8-32 x 1/2 PHS)	9989542 9989329 1451112	1 6 6				
10-12	PCB Assembly	9989542	1				
10-13	IC Assembly EPROM (U14)	4761191	1				
10-14	Cable Assembly - 34 Conductor	1471135	1				
10-15	Jumper - Validator Interface	1471113	1				
10-16	Harness - Coin Handling Board	1471109	1				
10-17	Ground Screw #8-32 x 5/16, Hex W/Hd)	3157060	1		2		3
10-18	Harness - Coin Handling - Power	1471123	1				
10-19	Clamp - Cable (Screw #8-32 x 5/16, Hex Hd, T/F)	3102491 1451097	1 1	4732024	1	4732024	1
10-20	Harness - Temperature Sensor	N/A		4741034	1	4741034	1
10-21	Harness - Com- Link	N/A		N/A		4751085	1

FIGURE- INDEX NUMBER	DESCRIPTION	147/148		461/462/474		475/476	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
10-22	Clamp - Cable (Screw #8-32 x 5/16, Hex Hd, T/F)	N/A		1452139 1451097	1 1	1452139 1451097	1 1
10-23	Clamp - Cable (Screw #8-32 x 5/16, Hex Hd, T/F)	3102348 1451097	1 1	4241250	1	1411142	1
10-24	Clamp - Cable (Screw #8-18 x 3/4, RHS, S/T)	3102348 4041106	2 1	4732024	2	4732024	2
	<u>OPTIONS</u>						
	Controller Assembly - 7 Tray (Same as 1471118 except for the following:) Harness - 7 Tray Cabinet (Replaces Index 6)	1471184 1471182	1 1	N/A N/A		N/A N/A	
	Controller Assembly - 7 Tray Serial Validator (Same as 1471184 except for the following:) Harness - Validator To Serial Validator (Replaces Index 2)	1471252 1471277	1 1	N/A N/A		N/A N/A	
	Controller Assembly - Serial Validator (Same as 1471118, 4741012, or 4751037 except for the following:) Harness - Validator To Serial Validator (Replaces Index 2)	1471251 1471277	1 1	4741043	1	4751149	1
	Controller Assembly With Printer Interface (Same as 1471118, 4741012 or 4751037 except for the following:)	1471189	1				
	Harness - Printer Interface	9984515	1				
	Modular Adapter - Female	9984516	1				
	Wire Tie - Releasable - 4.75 LG.	9984518	14				
	PCB Assembly - RS232 Printer Interface	9989561	1				
	Controller Assembly With Printer Interface - Serial Validator (Same as 1471189 except for the following:) Harness - Validator To Serial Validator (Replaces Index 2)	1471253 1471277	1 1				
	Controller - Talker Interface - Pulse (Same as 1471189 except for the following:)	1471315	1				
10-25	Bracket - PC Board Mounting	1471190	1				

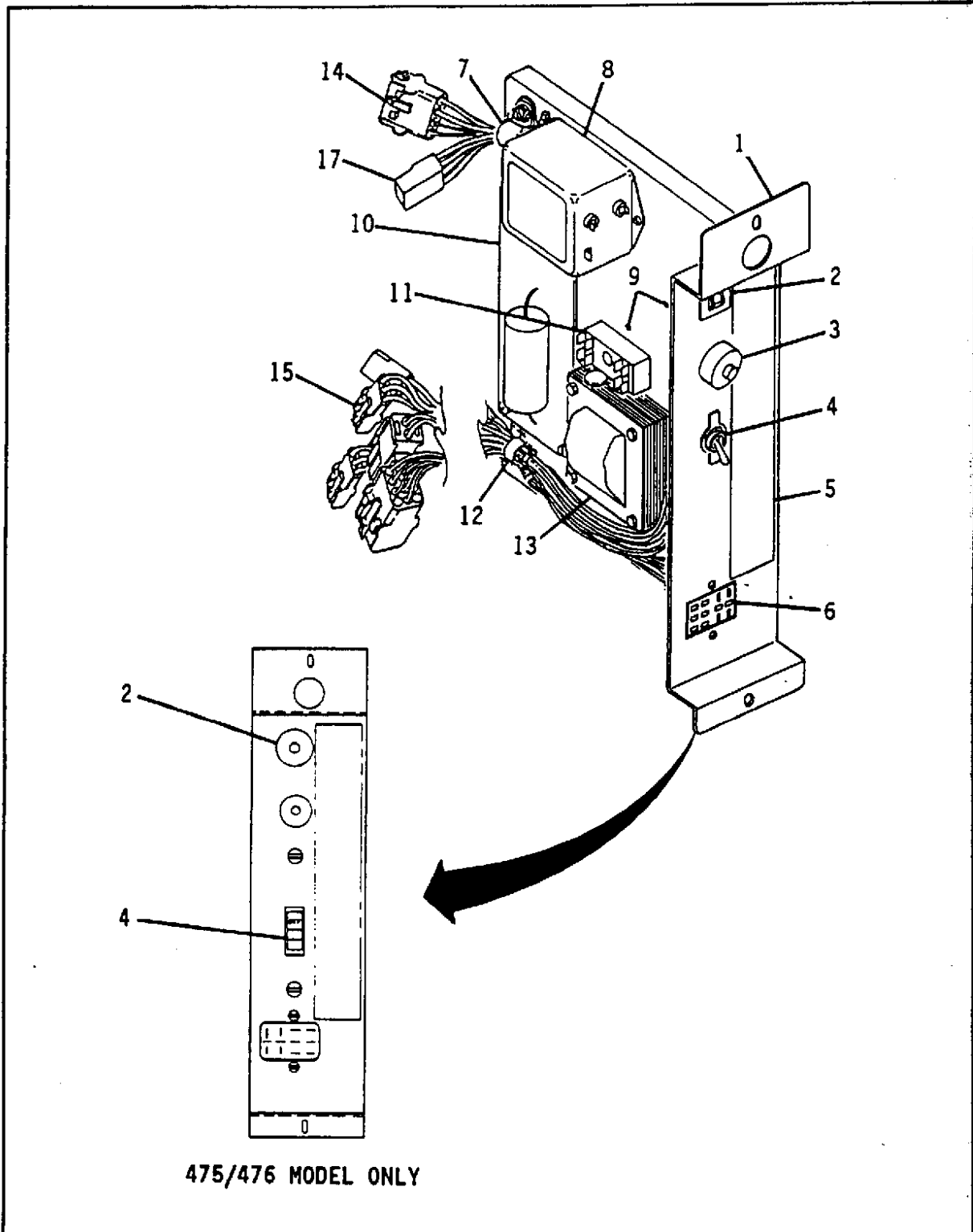


Figure 11. Power Panel Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	147/148		474		461/462/475/476	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
11-	Power Panel Assembly (See Figure 8/9/59, index 8-33, 9-34, 59-33 for Next Higher Assembly)	1471076	Ref	4741007	Ref	4751038	Ref
11-1	Power Control Panel Assembly	1471185	1		1	4751055	1
11-2	Circuit Breaker	9989336	1	9989358	1	4071041	1
11-3	Circuit Breaker - 1/2 amp	9989426	1				
11-4	Switch - DPST (Screw #6-32 x 1/4, PHS)	4041150 N/A	1	N/A	1	9984616 9900124	1 2
11-5	Label - Power Control Panel	1471196	1				
11-6	Harness - Coin Mechanism (Screw #4-40 x 1/4 RHS) (Nut #4-40 W/Lw)	1471174 1212140 1217159	1 2 2				
11-7	Clamp - Cable - 3/8 inch (Screw #8-32 x 5/16, Hex Hd, T/C)	2302227 1451056	1 1				
11-8	Filter - Interference (Screw #8-32 x .31, Hex W/Hd, T/F)	9989103 3157060	1 2				
11-9	Chassis Ground Screw (#8-32 x .31, Hex W/Hd, T/F)	3157060	2				
11-10	PCB Assembly - Power Supply (Plastic Expansion Nut - .250 Spacer) (Screw #8-18 x .50 PHS)	4302537 9989329 1451112	1 4 4				
11-11	Terminal Block (Screw #8-32 x 1/2, PHS, W/LW, T/C)	4255087 9900197	1 1				
11-12	Wire Clamp - 7/16 (Screw #8-32 x 5/16, Hex Hd, T/C)	3102348 1451056	1 1	N/A		N/A	
	Wire Clamp - 1/2 (Screw #8-32 x 5/16, Hex Hd, T/C)	N/A		3102491 1451056	1 1	3102491 1451056	1 1
11-13	Transformer Assembly (Screw 8-32 x 1.25 Hex, T/F)	9989013 1451133	1 4				
11-14	Harness - Power Supply Interface to Controller	1471100	1				
11-15	Harness - Power	1471175	1	4741008	1	4751042	1
11-16	Cover - Power Control Panel (Not Shown) (Screw #8-32 x 5/16, Hex Hd, T/C)	1471077 1451056	1 3				
11-17	Jumper - Power Supply	N/A		N/A		4751054	1
11-18	Label - USA Power Panel (Not Shown)	1471274	1	4741049	1	4611078	1

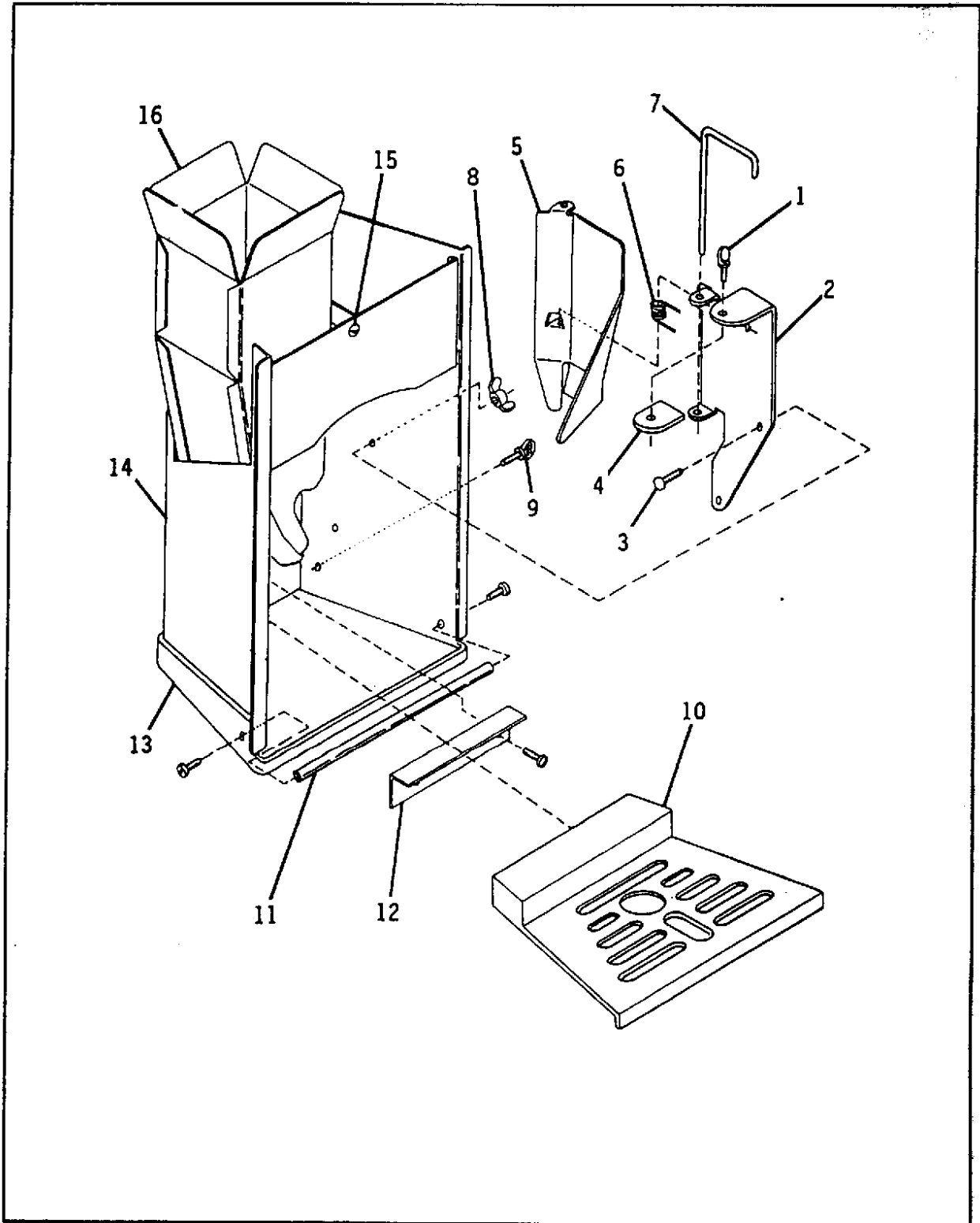


Figure 12. Cup Station Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	475/476	
		PART NO.	QTY.
12-	Cup Station Assembly (See Figure 9, Index 9-11 for Next Higher Assembly)	4731152	Ref
12-1	Thumb Screw #10-32 x 1/2	6104051	1
12-2	Bracket - Cup Deflector	3103107	1
12-3	Screw #8-32 x 3/8, THS, Unslotted, Stainless	3123134	2
12-4	Locking Bar - Cup Holder	3103108	1
12-5	Deflector - Cup - Pivoted	3103106	1
12-6	Spring - Pivot Bar - Cup Holder	3103105	1
12-7	Bar - Pivot - Cup Holder	3103104	1
12-8	Wing Nut #8-32, Stainless	3103133	2
12-9	Thumb Screw #10-32 x 1/2	6104051	1
12-10	Grill - Cup Compartment	4731326	1
12-11	Spacer - Cup Station (Screw #6-32 x 7/16, PHS, W/LW, Stainless)	4731024 6114118	1 2
12-12	Support - Grill - Cup Station	4731023	1
12-13	Base - Cup Station (Screw #8-32 x 1/4, PHS, Stainless)	4731001 3104125	1 2
12-14	Cup Station Weld Assembly	4731151	1
12-15	Screw #8-32 x 1/4, PHS, Stainless	3104125	3
12-16	Cup Chute Weld Assembly	4731150	1
	THE FOLLOWING IS AVAILABLE AS AN ASSEMBLY:		
	Deflector Assembly - Cup (Consists of Index 12-1 thru Index 12-7)	3103103	1

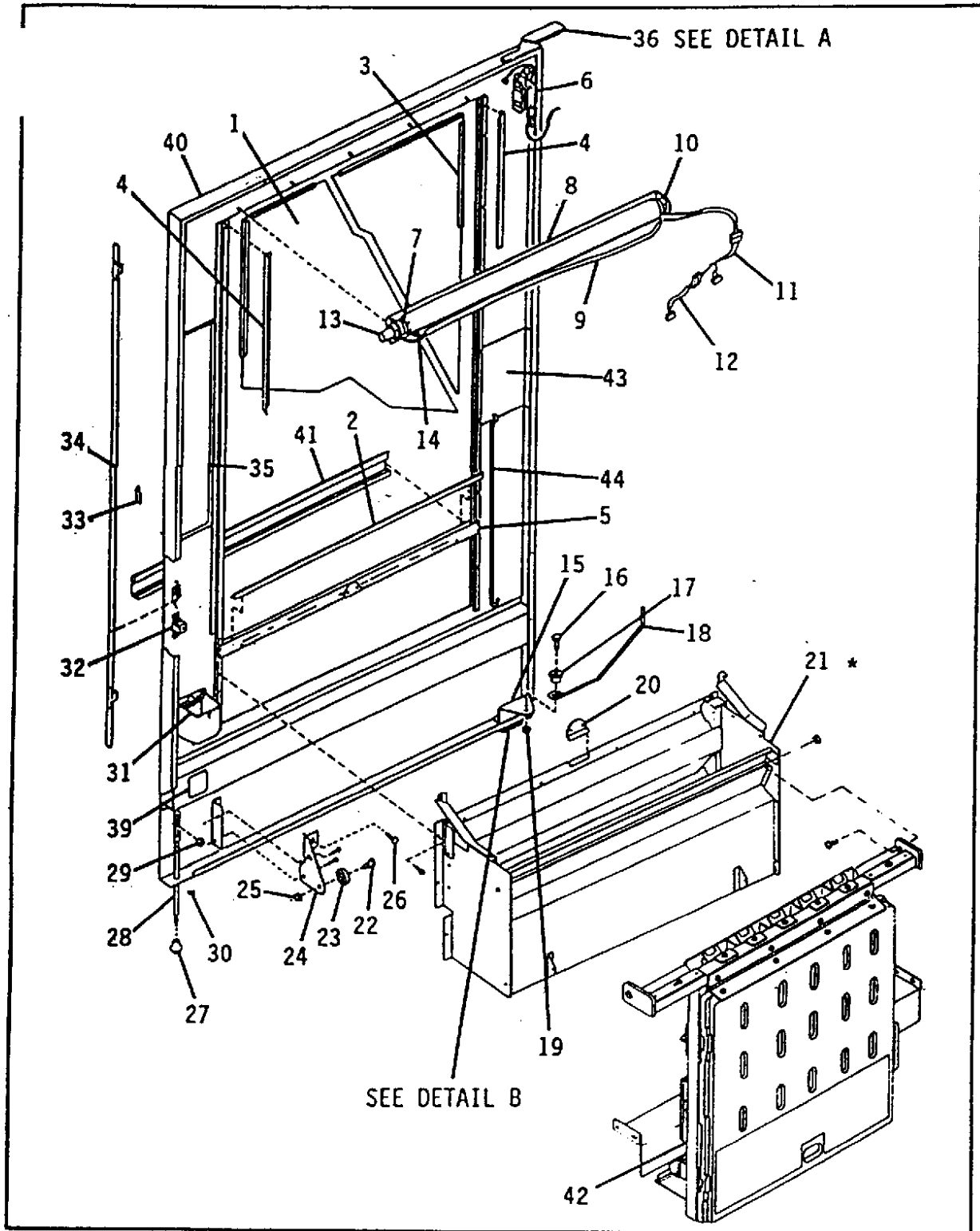


Figure 13. Door Assembly - Models 147, 148 and 474 (Sheet 1 of 2)

* THE ROTARY VEND DOOR IS NOT SHOWN.
SEE APPENDIX FOR A PARTS LIST.

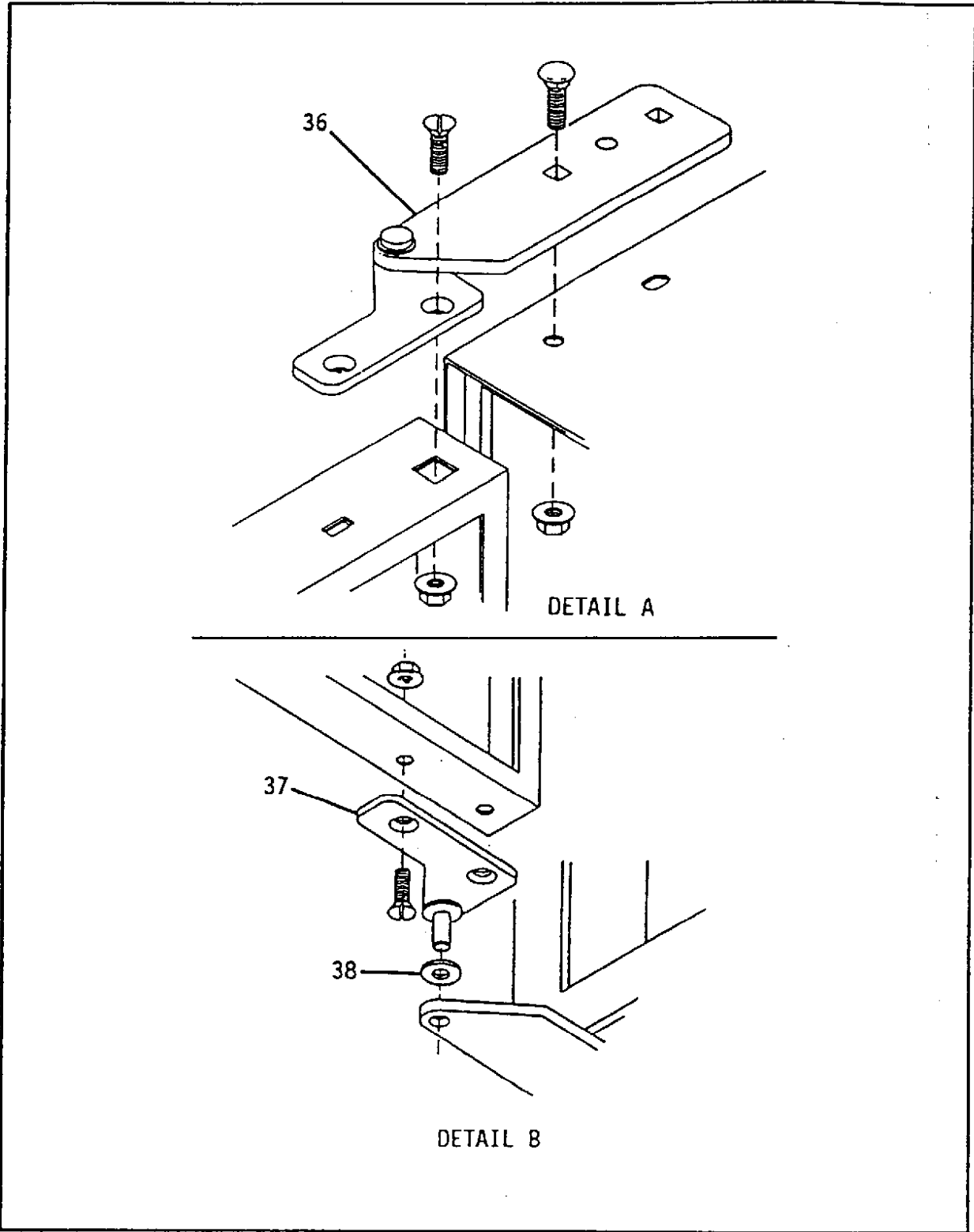


Figure 13. Door Assembly - Models 147, 148 and 474 (Sheet 2 of 2)

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/462		474	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
13-	Door Assembly - Common (See Figure 2/3, Index 2 for Next Higher Assembly)	1472000	Ref	1482100	Ref	4742200	Ref
13-1	Glass - Display Lexan Sheet (Optional)	1452059 1452210	1 1	1462014 N/A	1	1462014 N/A	1
13-2	Channel - Glass - Lower	1402120	1	1462008	1	1462008	1
13-3	Channel - Glass - Horizontal A: 112 inches required B: 105 1/4 inches required	2222124	A	2222124	B	2222124	B
13-4	Plate - Glass Retainer (Screw #8-32 x 5/16 T/F)	1472048 1451097	2 7				
13-5	Panel Assembly - Glass - Lower (Screw #8-32 x 5/16 T/F)	1472220 1451097	1 4	1482200	1	1482200	1
13-6	Ballast Assembly - Light	6152188	1	3151058	1	3151058	1
13-7	Screw #4-36 x 5/8 RHS	3107171	2				
13-8	Bracket - Light Tube (Nut #8-32 W/LW)	1452034 9900081	1 5	4732018	1	4732018	1
13-9	Harness - Fluorescent Light Retainer - Harness - 3/8 diameter (Not Shown)	1452042 1452139	1 2	1462067	1	1462067	1
13-10	Screw #4-36 x 7/16 RHS	1452076	2				
13-11	Jumper - Filter and Fluorescent Light	3156032	1				
13-12	Network - Suppression	1451124	1				
13-13	Starter - Fluorescent Light	2302218	1	2222095	1	2222095	1
13-14	Lamp - Fluorescent - 25 watt	1172115	1	1122138	1	1122138	1
13-15	Bracket - Door Retention	1472040	1				
13-16	Bolt 1/4-20 x 1.00 Hex Head	1106657	1				
13-17	Bushing - Door Check	1142017	1				
13-18	Arm - Door Check	1472045	1				
13-19	Nut 1/4-20 Whiz-Lock	1172021	1				
13-20	Retainer - Door Pivot (Screw #8-32 x 5/16 Hex T/F)	1472142 1451097	1 2				
13-21	Delivery Pan Assembly (See Figure 15 for Breakdown) * (Screw #8-32 x 5/16 Hex T/F)	1472287 1451097	1 6	1482244	1	4742013	1

* SEE APPENDIX FOR A ROTARY VEND DOOR PARTS LIST.

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/462		474	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
13-22	Stud - Door Holder	1122011	1				
13-23	Roller	1122021	1				
13-24	Adjustment Plate Sub-assembly (Screw #10-32 x 3/8 T/F)	1172023 1141046	1 2				
13-25	Nut #10-32 Self-Locking	9900207	1				
13-26	Screw 1/4-20 x 3/4 Hex Hd	1141054	1				
13-27	Cap - Leg(Not used on 461)	1472106	1	N/A		N/A	
13-28	Support - Door(Not used on 461)	1472103	1	N/A		N/A	
13-29	Nut 1/4-20 Whiz-Lock (Not used on 461)	1172021	1	N/A		N/A	
13-30	Plug - Hole(Not used on 147)	1482149	1	N/A		1482149	1
13-31	Coin Receptacle Assembly (See Figure 19 for Breakdown) (Spacer - Cup) (Screw #8-32 x 1/2 PHS, S/T)	----- 2302053 4042512	1 4 4	-----	1	-----	1
13-32	Handle Assembly - Door Lock and (See Figure 20 for Breakdown)	-----	1	-----	1	-----	1
13-33	Guide - Lock Bar	1472250	1				
13-34	Lock Bar Assembly	1472178	1				
13-35	Frame - Monetary (Screw #6-32 x 1/4 PHS, T/C, Phillips)	1472102 1472132	1 10				
13-36	Hinge Assembly - Door Upper (Screw 1/4-20 x 3/4 FHD) (Nut 1/4-20 Whiz-Lock) (Bolt - Carriage 5/16-18 x 3/4) (Nut 5/16-18 Whiz-Lock)	1472042 1472149 1172021 1171021 1171022	1 2 2 2 2				
13-37	Hinge Assembly - Door Lower (Screw 1/4-20 x 3/4 Flat Hd) (Nut 1/4-20 Whiz-Lock)	1472189 1472092 1172021	1 2 2				
13-38	Bearing	4242145	1				
13-39	Label - Caution	2222699	1				
13-40	Door Assembly - Weldment	1472301	1	1482005	1		
13-41	Trim Identification -147/148/474 (See Figure 17 for Breakdown)	-----	1	-----	1	-----	1

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/462		474	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
	<u>OPTION</u>						
13-42	Gum and Mint Assembly (See Figure 16 for Breakdown)	1479000	1	1489000	1	1489000	1
	(Stud - Gum and Mint #10-32UNF-2A) (Nut #10-32, W/LW)	1479052 9900164	2 2				
13-43	Bracket - Rod - Gum and Mint (Used with Index 13-42)	1479141	1	1489009	1	1489009	1
13-44	Rod - Support - Gum and Mint (Used with Index 13-42)	1479140	1				
13-45	Clamp - Cable	4752037	1				
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>						
	Roller Assembly - Door (Consists of Index 13-22 thru Index 13-26)	1472018	1				
	Light Assembly - Fluorescent (Consists of Index 13-7 thru Index 13-10)	1472049	1	1482122	1	1702024	1
	Glass Assembly - Door (Consists of Index 13-1 thru Index 13-3)	1452209	1	1462099	1	1462099	1

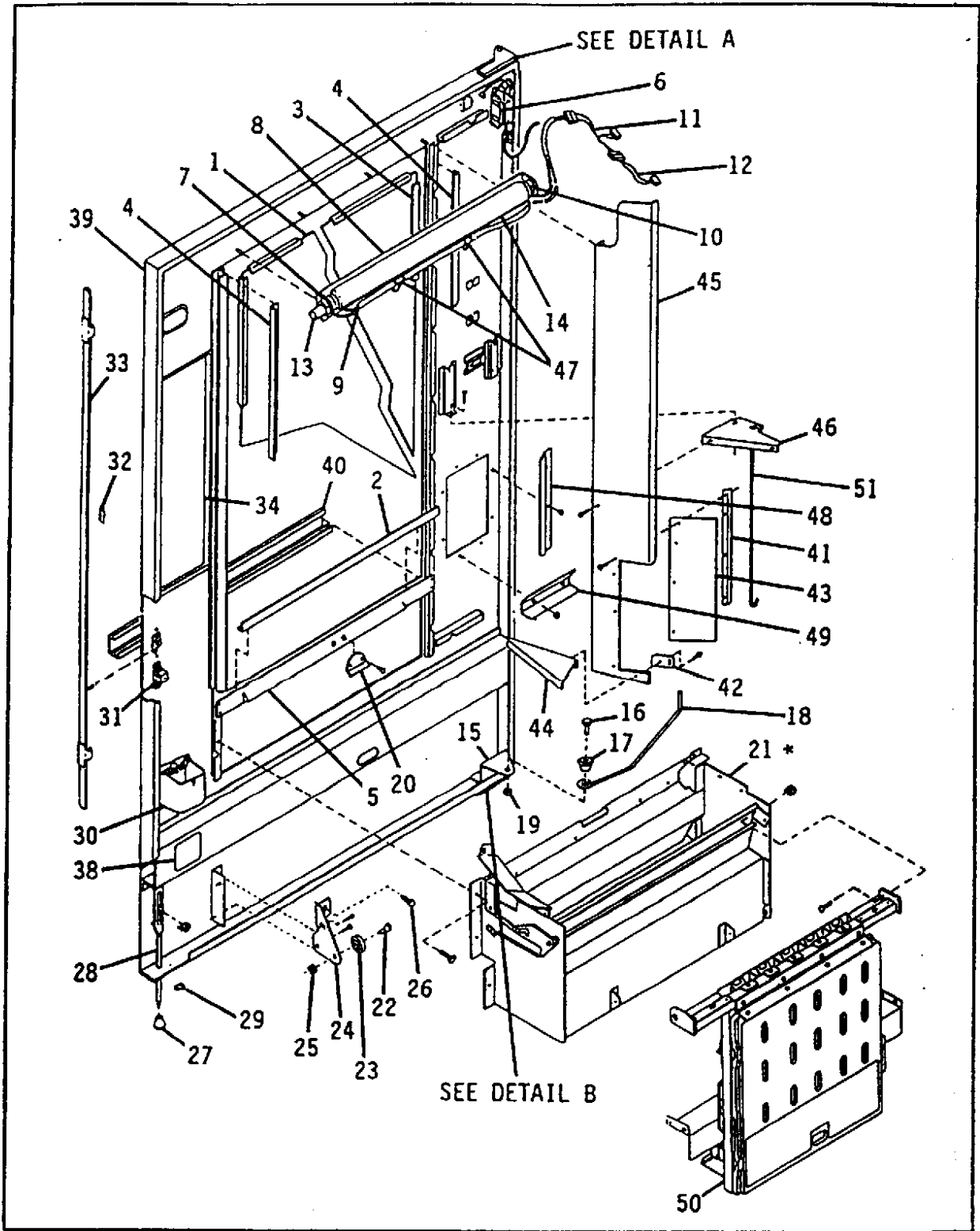


Figure 14. Door Assembly - Model 475/476 (Sheet 1 of 2)

* THE ROTARY VEND DOOR IS NOT SHOWN.
SEE APPENDIX FOR A PARTS LIST.

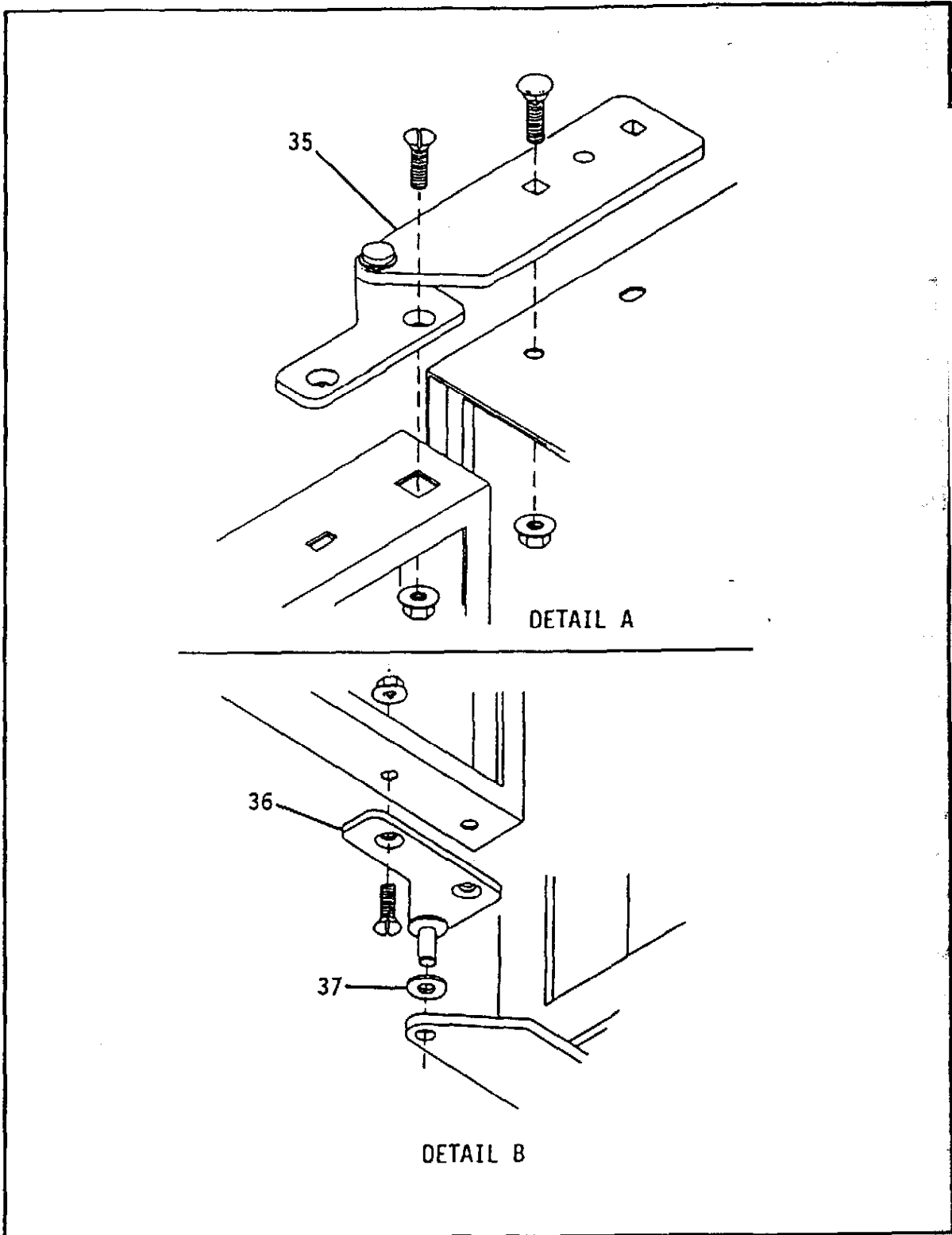


Figure 14. Door Assembly - Model 475/476 (Sheet 2 of 2)

FIGURE- INDEX NUMBER	DESCRIPTION	475/476	
		PART NO.	QTY.
14-	Door Assembly - Model 475/476 (See Figure 3, Index 3-2 for Next Higher Assembly)	4752100	Ref
14-1	Glass - Display	1462014	1
14-2	Channel - Glass - Lower	1462008	1
14-3	Channel - Glass A: 105-1/4 inches required	2222124	A
14-4	Plate - Glass Retainer (Screw #8-32 x 5/16 T/F)	1472048 1451097	2 7
14-5	Panel Assembly - Glass - Lower (Screw #8-32 x 5/16 T/F)	1482200 1451097	1 4
14-6	Ballast Assembly - Light	3151058	1
14-7	Screw #4-36 x 5/8 RHS	3107171	2
14-8	Bracket - Light Tube (Nut #8-32 W/LW)	4732018 9900081	1 5
14-9	Harness - Fluorescent Light	1462067	1
14-10	Screw #4-36 x 7/16 RHS	1452076	2
14-11	Jumper - Filter and Fluorescent Light	3156032	1
14-12	Network - Suppression	1451124	1
14-13	Starter - Fluorescent Light	2222095	1
14-14	Lamp - 25 watt Fluorescent	1122138	1
14-15	Bracket - Door Retention	1472040	1
14-16	Bolt 1/4-20 x 1.00 Hex Hd	1106657	1
14-17	Bushing - Door Check	1142017	1
14-18	Arm - Door Check	1472045	1
14-19	Nut 1/4-20 Whiz - Lock	1172021	1
14-20	Retainer - Door Pivot (Screw #8-32 x 5/16, Hex Hd, T/F)	1472142 1451097	1 2
14-21	Delivery Pan Assembly (See Figure 15 for Breakdown) (Screw #8-32 x 5/16, Hex Hd, T/F)	4742013 1451097	1 6
14-22	Stud - Door Holder	1122011	1
14-23	Roller	1122021	1
14-24	Adjustment Plate Sub-assembly (Screw #10-32 x 3/8 T/F)	1172023 1141046	1 2

* SEE APPENDIX FOR A ROTARY VEND DOOR PARTS LIST.

FIGURE- INDEX NUMBER	DESCRIPTION	475/476	
		PART NO.	QTY.
14-25	Nut #10-32 Self-Locking	9900207	1
14-26	Screw 1/4-20 x 3/4 Hex Hd	1141054	1
14-27	Cap - Leg(Used with 7 Tray option only)	1472106	1
14-28	Support - Door(Used with 7 Tray option only) (Nut 1/4-20 Whiz - Lock)	1472103 1172021	1 1
14-29	Plug - Hole	1482149	1
14-30	Coin Receptacle Assembly (See Figure 19 for Breakdown) (Spacer - Cup) (Screw #8-32 x 1/2, PHS, S/T)	----- 2302053 4042512	1 4 4
14-31	Handle Assembly - Door Lock and (See Figure 20 for Breakdown)	-----	1
14-32	Guide - Lock Bar	1472250	1
14-33	Lock Bar Assembly	1472178	1
14-34	Frame - Monetary (Screw #6-32 x 1/4, Pan Head, T/C, Phillips)	1472102 1472132	1 10
14-35	Hinge Assembly - Door - Upper (Screw 1/4-20 x 3/4 FHD) (Nut 1/4-20 Whiz - Lock) (Bolt - Carriage 5/16-18 x 3/4) (Nut 5/16-18 Whiz - Lock)	1472042 1472149 1172021 1171021 1171022	1 2 2 2 2
14-36	Hinge Assembly - Door - Lower (Screw 1/4-20 x 3/4 Flat Hd) (Nut 1/4-20 Whiz - Lock)	1472189 1472092 1172021	1 2 2
14-37	Bearing	4242145	2
14-38	Label - Caution	2222699	1
14-39	Weldment - Door Assembly	4752101	1
14-40	Trim Identification - 475/476 (See Figure 18 for Breakdown)	-----	1
14-41	Angle - End Plate Shield (Screw #8-32 x 3/8, Hex Hd, Black) (Nut #8-32 W/LW)	4722024 1170206 9900081	1 3 3
14-42	Bracket - End Plate Shield	4722025	1
14-43	Shield - Display End Plate	4752005	1
14-44	Deflector - LH Product (Screw #8-32 x 3/8 LGM)	4752003 4721035	1 2
14-45	End Plate - LH Display (Screw #8-32 x 3/8, Hex Hd, Black)	4752002 1170206	1 7

FIGURE- INDEX NUMBER	DESCRIPTION	475/476	
		PART NO.	QTY.
14-46	Gusset - LH End Plate (Screw #8-32 x 3/8, Hex Hd, Black) (Nut #8-32 W/LW)	4752004	1
		1170206	3
		9900081	3
14-47	Retainer - Harness - 3/8 inch dia.	1452139	2
14-48	Door Guide - Cup Station (Screw #8-32 x 3/8, Hex W/Hd)	4752033	2
		3157060	2
14-49	Stop Bracket - Vend Door (Screw #8-32 x 3/8, Hex W/Hd)	4752031	1
		3157060	2
14-50	Gum and Mint Assembly (See Figure 16 for Breakdown) (Stud - Gum and Mint #10-32UNF-2A) (Nut #10-32,W/LW)	1489000	1
		1479052	2
		9900164	2
14-51	Rod - Support - Gum and Mint (Used with Index 14-46)	1479140	1
14-52	Clamp - Cable	4752037	1
14-53	Price Roll - Cents(Not Shown)	1477014	2
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>		
	Roller Assembly - Door (Consists of Index 14-22 thru Index 14-26)	1472018	1
	Light Assembly - Fluorescent (Consists of Index 14-7 thru Index 14-10)	1482122	1
	Glass Assembly - Door (Consists of Index 14-1 thru Index 14-3)	1462099	1

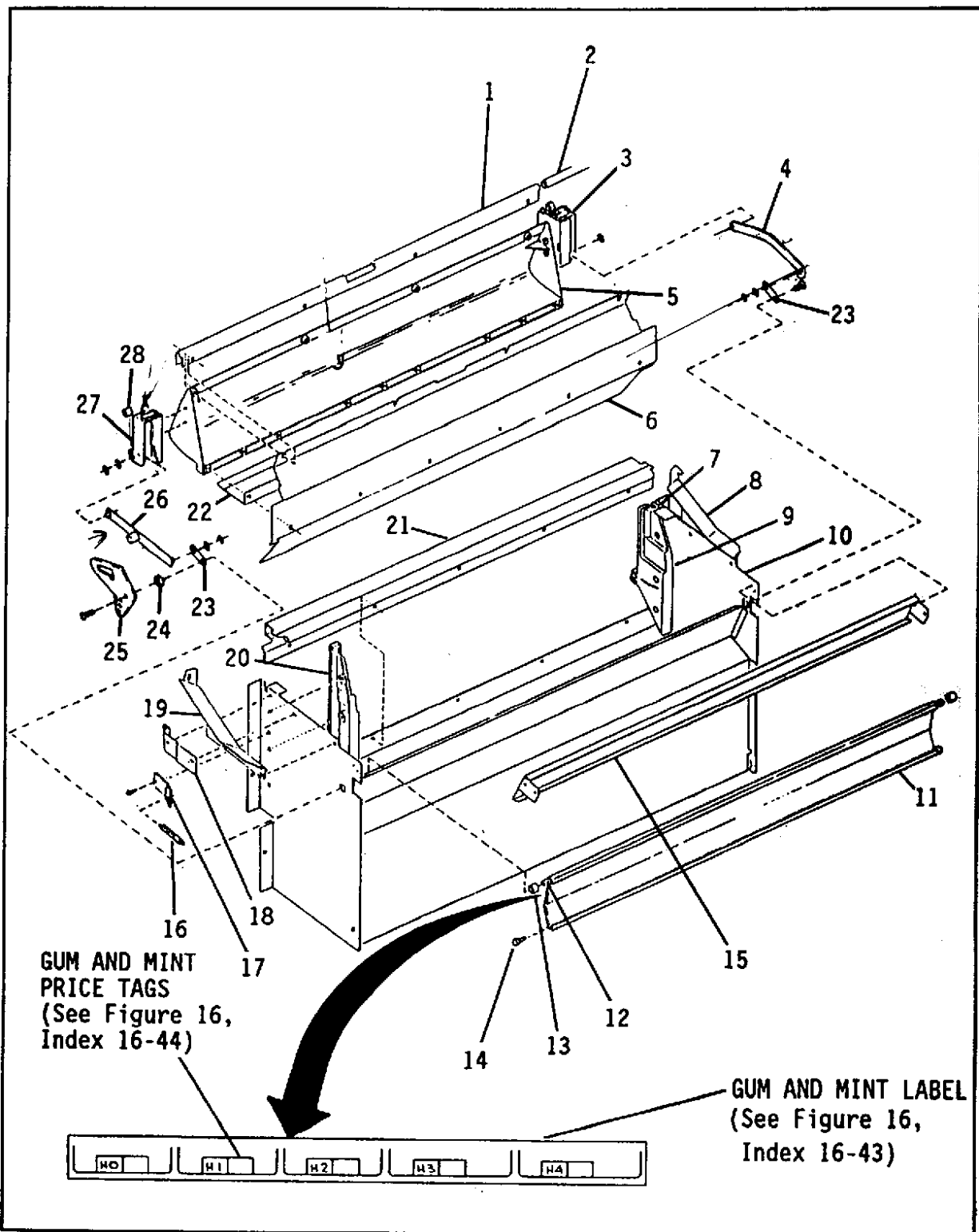


Figure 15. Delivery Pan Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/462		474/475/476	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
15-	Delivery Pan Assembly (See Figure 13/14, Index 21 for Next Higher Assembly)	1570053	Ref	1580003	Ref	1580003	Ref
15-1	Channel - Door (Screw #8-32 x 3/8, THS, Black) (Nut #8-32)	1412028 1170206 1402052	1 4 4	1462035	1	1462035	1
15-2	Shaft - Door Pivot	1472228	1	1482002	1	1482002	1
15-3	Actuator - Delivery - Left (Screw #8-32 x 3/8, THS, Black) (Nut #8-32 Self-Locking)	1482252 1170206 1412046	1 2 2				
15-4	Actuator Assembly - Left (Retaining Ring - "E" type 5/16) (Washer - Brass 9/16 x 5/16)	4402017 9900146 9900171	1 2 2				
15-5	Door - Delivery	1472137	1	1482170	1	1482170	1
15-6	Liner - Pilferage Door (Screw #8-18 x 3/8, Black)	1472108 7207019	1 6	1482163	1	1482163	1
15-7	Bracket - Door Pivot - L.H. (Screw #8-32 x 3/8, THS, Black) (Nut #8-32)	1472069 1170206 9900081	1 1 1				
15-8	Deflector Assembly - LH (Screw #8-32 x 3/8, THS, Black) (Nut #8-32)	1472074 1170206 9900081	1 2 2	N/A		N/A	
15-9	Filler - Left (Bolt - Carriage #8-32) (Nut #8-32, W/LW)	1412023 1306140 9900081	1 3 3				
15-10	Delivery Pan - Weldment (Pad - Delivery Pan) (Pad - Delivery Pan)	1472288 1472263 1472264	1 1 1	1482183 N/A	1	4402000 4742012	1 3
15-11	Door Assembly - Rear Delivery (Tape - Vinyl Foam)	1472138 1412058	1 6	1482171	1	1482171	1
15-12	Washer 3/8/ ID x 9/16 OD	1472087	2				
15-13	Spacer	1472083	2				
15-14	Clip - Canoe	4042556	2				
15-15	Filler - Delivery Pan (Not present with gum & mint unit installed) (Screw #8-32 x 5/16, Hex, T/F)	1472082 1451097	1 4	1482159	1	1482159	1
15-16	Spring - Elevator Guide Arm	4246044	1				
15-17	Bracket - Spring	2342110	1				

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/462		474/475/476	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
15-18	Bracket - Door Pivot - R.H. (Screw #8-32 x 3/8, THS, Black) (Nut #8-32)	1472068	1				
		1170206	1				
		9900081	1				
15-19	Deflector Assembly - R.H. (Screw #8-32 x 3/8, THS, Black) (Nut #8-32)	4402014	1				
		1170206	2				
		9900081	2				
15-20	Filler - Right (Bolt - Carriage #8-32) (Nut #8-32 W/LW)	1412022	1				
		1306140	3				
		9900081	3				
15-21	Pan - Delivery - Front (Bolt - Carriage #8-32) (Nut #8-32 W/LW)	1472200	1	1482155	1	1482187	1
		1306140	5		4		4
		9900081	5		4		4
15-22	Angle - Delivery Door	1412047	1	1462073	1	1462073	1
15-23	Actuator - Rear Pivot (Screw #8-32 x 3/8, Black) (Screw #8-32 x 5/8, PHS: used on right side only) (Washer - Scavenger Bar - 9/16 ID: used on right side only)	1472145	2				
		1170206	1				
		9900202	1				
		2204093	1				
15-24	Bushing - Delivery - Linkage	2342109	1				
15-25	Plate - Door Retention	4402016	1				
15-26	Actuator Assembly - Right (Retaining Ring - "E" type - 5/16) (Washer - Brass 9/16 OD x 5/16 ID)	1472156	1				
		9900146	2				
		9900171	2				
15-27	Actuator - Delivery - Right (Screw #8-32 x 3/8, THS, Black) (Nut #8-32 - Self-Locking)	1482251	1				
		1170206	2				
		1412046	2				
15-28	Spacer - Delivery Door - 1/4 ID x 7/16 Long	1472219	2				

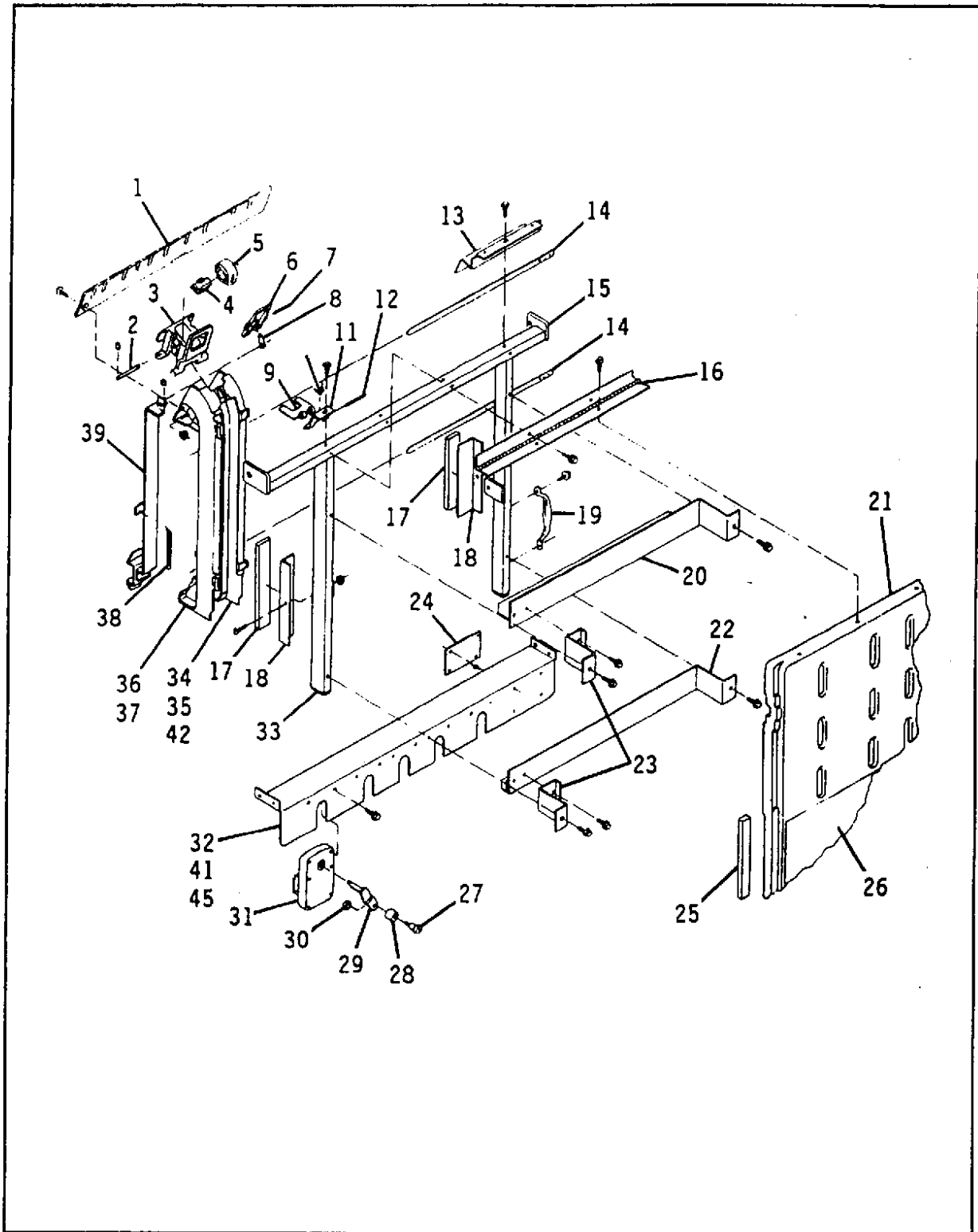


Figure 16. Gum and Mint Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	147		148/474/475/476	
		PART NO.	QTY.	PART NO.	QTY.
16-	Gum and Mint Assembly (See Figure 13/14, Index 13-42,14-50 for Next Higher Assembly)	1479000	Ref	1489000	Ref
16-1	Window - Gum and Mint (Screw #8-32 x 1/2, RHS) (Nut #8-32 W/LW)	1479105 9900020 9900081	1 1 1		
16-2	Pin - Pusher (Ring - Retaining - "E" type - 3/16)	1479099 9900425	5 2		
16-3	Pusher	1479079	5		
16-4	Spool - Spring	1479080	5		
16-5	Spring - Pusher	1479106	5		
16-6	Ejector - Gum and Mint	1479078	5		
16-7	Pin - Ejector	1479098	5		
16-8	Link - Ejector (Ring - Retaining - "E" type - 3/16)	1479097 9900425	5 1		
16-9	Hinge - Front	1479081	5		
16-10	Spring - Hinge	1479084	5		
16-11	Hinge - Back (Screw #8-32 x 5/16, Hex, T/F)	1479082 1451097	5 1		
16-12	Pin - Hinge	1479083	5		
16-13	Filler - Gum and Mint (Screw #8-32 x 5/16, Hex, T/F)	1479103 1451097	2 1	N/A	
16-14	Retainer	1479096	3		
16-15	Frame Assembly - Gum and Mint	1479136	1	1489008	1
16-16	Hinge - Cover (Screw #8-32 x 5/16, Hex, T/F)	1479104 1451097	1 4		
16-17	Magnet - Retainer	3122056	2		
16-18	Angle - Magnet (Screw #8-32 x 5/16) (Nut #8-32)	1479117 9900201 1412046	2 2 2	1407048	2
16-19	Pull - Door (Screw #10-32 x 3/8, PHS, T/C)	1479139 4041053	1 2		
16-20	Support - Magazine - Upper (Screw #8-32 x 5/16, Hex, T/F)	1479089 1451097	1 1		
16-21	Cover Assembly (Screw #8-10 x 3/8)	1479125 1437204	1 4		
16-22	Support - Magazine - Lower (Screw #8-32 x 5/16, Hex, T/F)	1479092 1451097	1 1		

FIGURE- INDEX NUMBER	DESCRIPTION	147		148/474/475/476	
		PART NO.	QTY.	PART NO.	QTY.
16-23	Bracket - Magazine Support (Screw #8-32 x 5/16, Hex, T/F)	1479095	2		
		1451097	3		
16-24	PCB Assembly - Gum and Mint (Spacer - Chassis)	1479066	1		
		9989430	4		
16-25	Magnet - Retainer	1479119	2		
16-26	Label - Loading - Gum and Mint	1479124	1		
16-27	Stud - Drive Arm	1479062	1		
16-28	Roller - Drive Arm	1479063	1		
16-29	Arm - Drive - Motor	1479145	1		
16-30	Nut #8-32 W/LW)	9900081	1		
16-31	PCB and Motor Assembly (Screw #8-32 x 7/8 RHS)	1477112	1		
		1457027	2		
16-32	Angle - Motor (Screw #*-32 x 5/16, Hex, T/F)	1479102	1	1489005	1
		1451097	4		
16-33	Cap plug - Rect. 1/2 x 1	1479120	2		
16-34	Channel - Gum and Mint - Right - Small	1479076	3		
16-35	Channel - Gum and Mint - Right -Larger	1479077	2		
16-36	Channel - Gum and Mint - Left	1479075	5		
16-37	Spacer - Column - Gum and Mint	1479064	2		
16-38	Spring - Horizontal Selector Arm	4246307	5		
16-39	Drive Bar and Stud Assembly	1479123	5		
16-40	Harness - Gum and Mint (Not Shown)	1479065	1		
16-41	Clamp - Cable	6131143	1		
16-42	Label - Loading Line	1479135	1		
16-43	Label - Gum and Mint(See Figure 15)	1672052	1		
16-44	Price Tags - Gum and Mint(See Figure 15)	1472105	1		
16-45	Clip - Cable	5268139	1		
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>				
	Angle and Motor Assembly (Consists of Index 16-24, Index 16-27 thru Index 16-32, Index 16-40 and Index 16-41)	1479127	1	1489004	1
	Motor and Arm Assembly (Consists of Index 16-27 thru 16-31)	1479060	5		

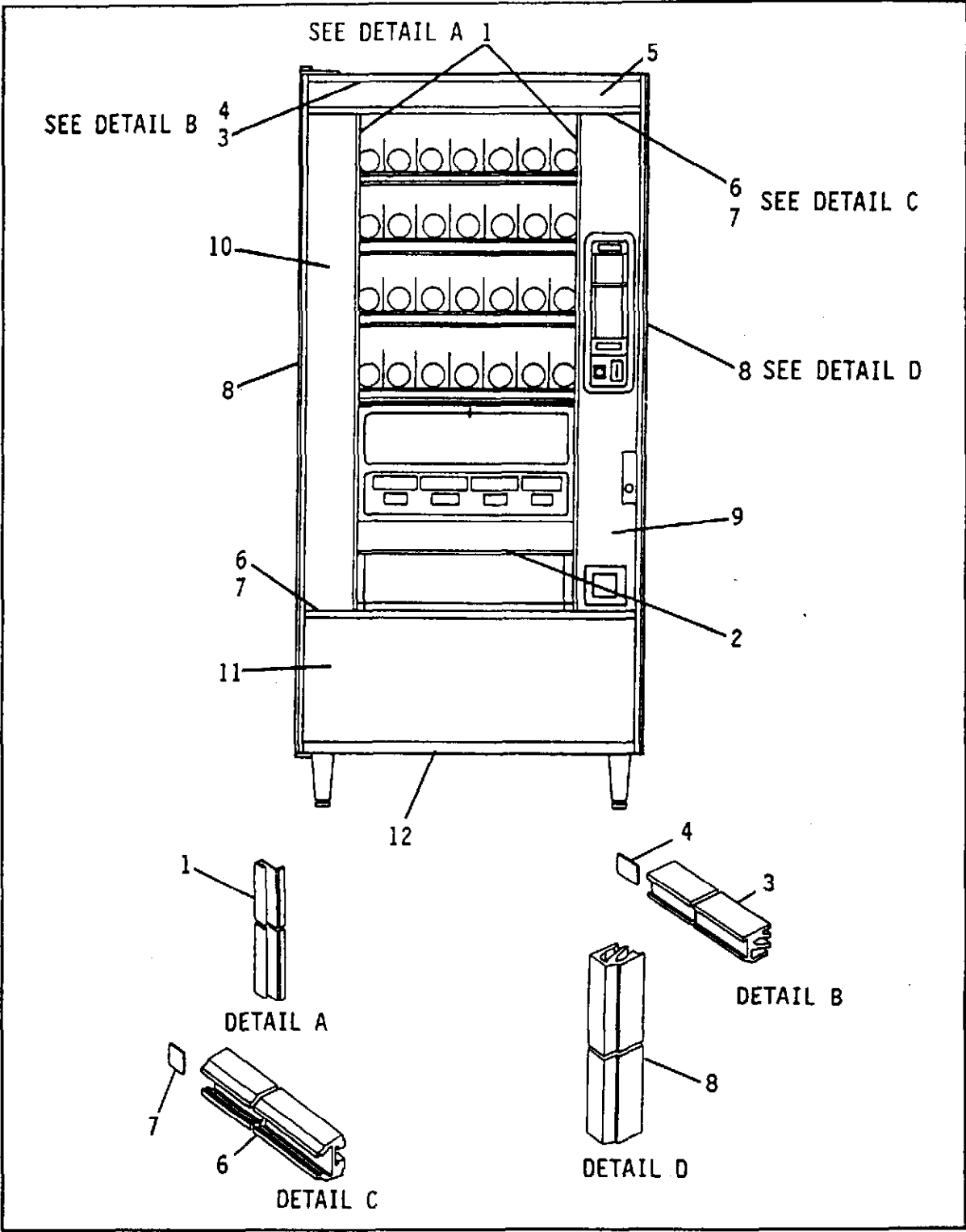


Figure 17. Trim Identification - Models 147, 148 and 474

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/462/474	
		PART NO.	QTY.	PART NO.	QTY.
17-	Trim Identification - Model 147/148/474 (See Figure 13, Index 13-41 for Next Higher Assembly)	-----	Ref	-----	Ref
17-1	Trim - Vertical	1472190	2		
17-2	Trim Panel - Glass - Lower	1452177	1	1462081	1
17-3	Trim - Door - Top	1472025	1	1482110	1
17-4	Trim Insert - Black (Screw #6-18 x 7/16 RHS)	1472026 1302282	1 5	1482111	1
17-5	Panel - Top Trim - Walnut	1472019	1	1482106	1
17-6	Trim - Door - Horizontal (T-bolt #8-32 x 3/8) (T-bolt #8-32 x 3/4) (Nut #8-32 W/LW)	1472028 2222110 2222031 9900081	1 8 6 14	1482112	1
17-7	Trim Insert - Black	1472026	1	1482111	1
17-8	Trim - Door - Side (Screw #6-18 x 7/16 RHS)	1302409 1302282	2 14		
17-9	Panel - Right Trim - Port Au Prince	1472021	1		
17-10	Panel - Left Trim - Port Au Prince	1472020	1	1482139	1
17-11	Panel - Bottom Trim - Walnut	1472232	1	1482223	1
17-12	Protector - Edge (Screw #8-32 x 5/16, THS, T/C)	1472245 9900166	1 5	1482003	1
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>				
	Trim Assembly - Door Top (Consists of Index 17-3 and Index 17-4)	1472024	1	1482109	1
	Trim Assembly - Door - Horizontal (Consists of Index 17-6 and Index 17-7)	1472027	2	1482113	2

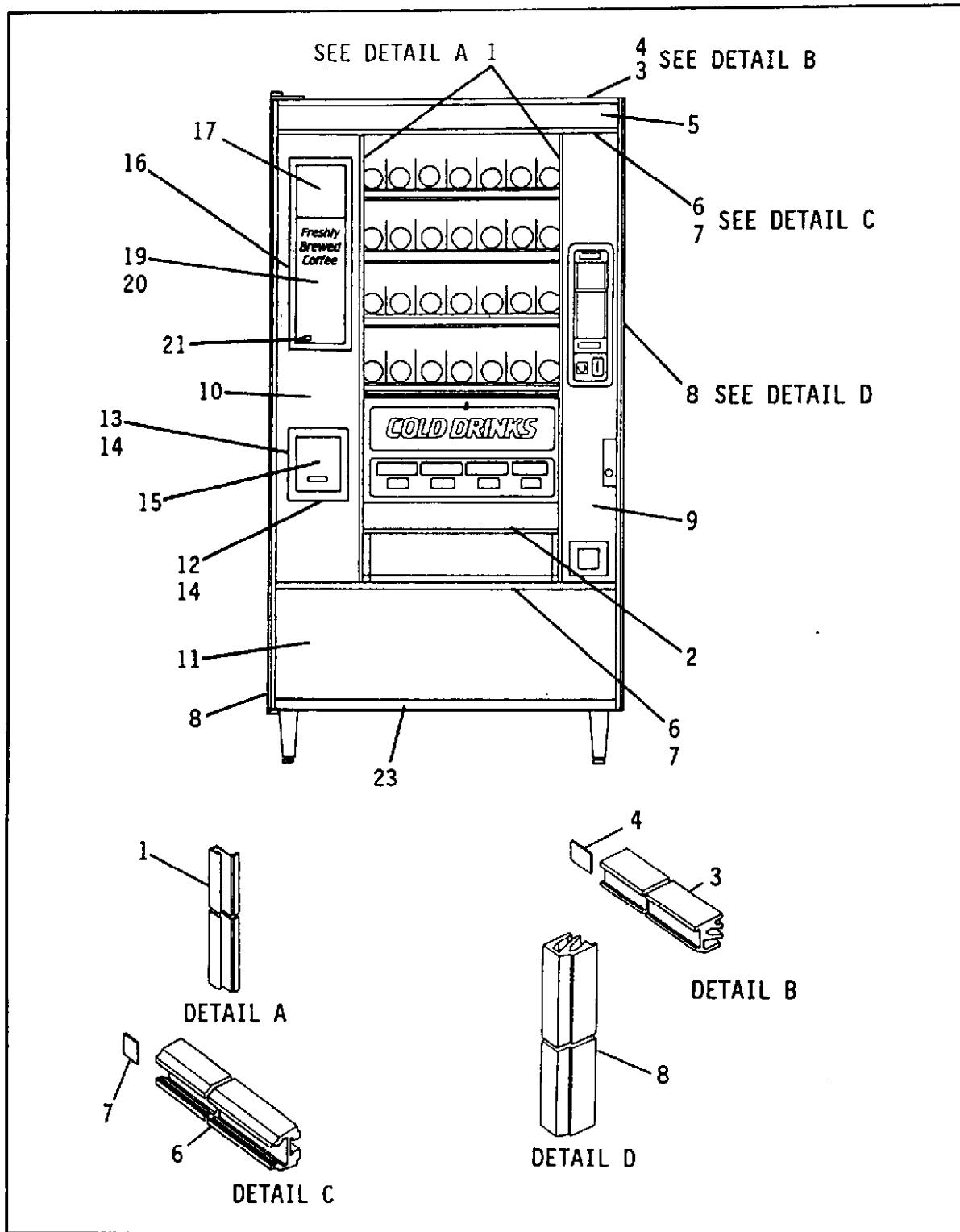


Figure 18. Trim Identification - Model 475/476

FIGURE- INDEX NUMBER	DESCRIPTION	475/476	
		PART NO.	QTY.
18-	Trim Identification - Model 475/476 (See Figure 14, Index 14-40 for Next Higher Assembly)	-----	Ref
18-1	Trim - Vertical	1472190	2
18-2	Trim Panel - Glass - Lower	1462081	1
18-3	Trim - Door - Top	1472025	1
18-4	Trim Insert - Black (Screw #6-18 x 7/16 RHS)	1472026 1302282	1 5
18-5	Panel - Top Trim - Walnut	1472019	1
18-6	Trim - Door - Horizontal (T-bolt #8-32 x 3/8) (T-bolt #8-32 x 3/4) (Nut #8-32 W/LW)	1472028 2222110 2222031 9900081	1 8 6 14
18-7	Trim Insert - Black	1472026	1
18-8	Trim - Door - Side (Screw #6-18 x 7/16 RHS)	1302409 1302282	2 14
18-9	Panel - RH Trim - Sterling	1472159	1
18-10	Panel - LH Trim - Sterling	4752001	1
18-11	Panel - Bottom Trim - Walnut	1472232	1
18-12	Trim - Cup Station - Short (T-bolt #8-32 x 3/8)	4732039 2222110	2 2
18-13	Trim - Cup Station - Long (T-bolt #8-32 x 3/8)	4732040 2222110	2 2
18-14	Insert - Corner	4732038	4
18-15	Door Assembly - Delivery Cup	4732001	1
18-16	Frame - Product Identifier (Nut - Self-Threading)	4752043 6232078	1 9
18-17	Photo - Display - P.O.P.	4752120	1
18-18	Deleted		
18-19	Lens - Selection Insert	4752105	1
18-20	Insert - Selection - Refreshment Center 3 - FB & FD - U.S.	4752121	1
18-21	Light Assembly - Indicator	4752013	1
18-22	DELETED		
18-23	Protector - Edge (Screw #8-32 x 5/16, THS, T/C)	1472245 9900166	1 5

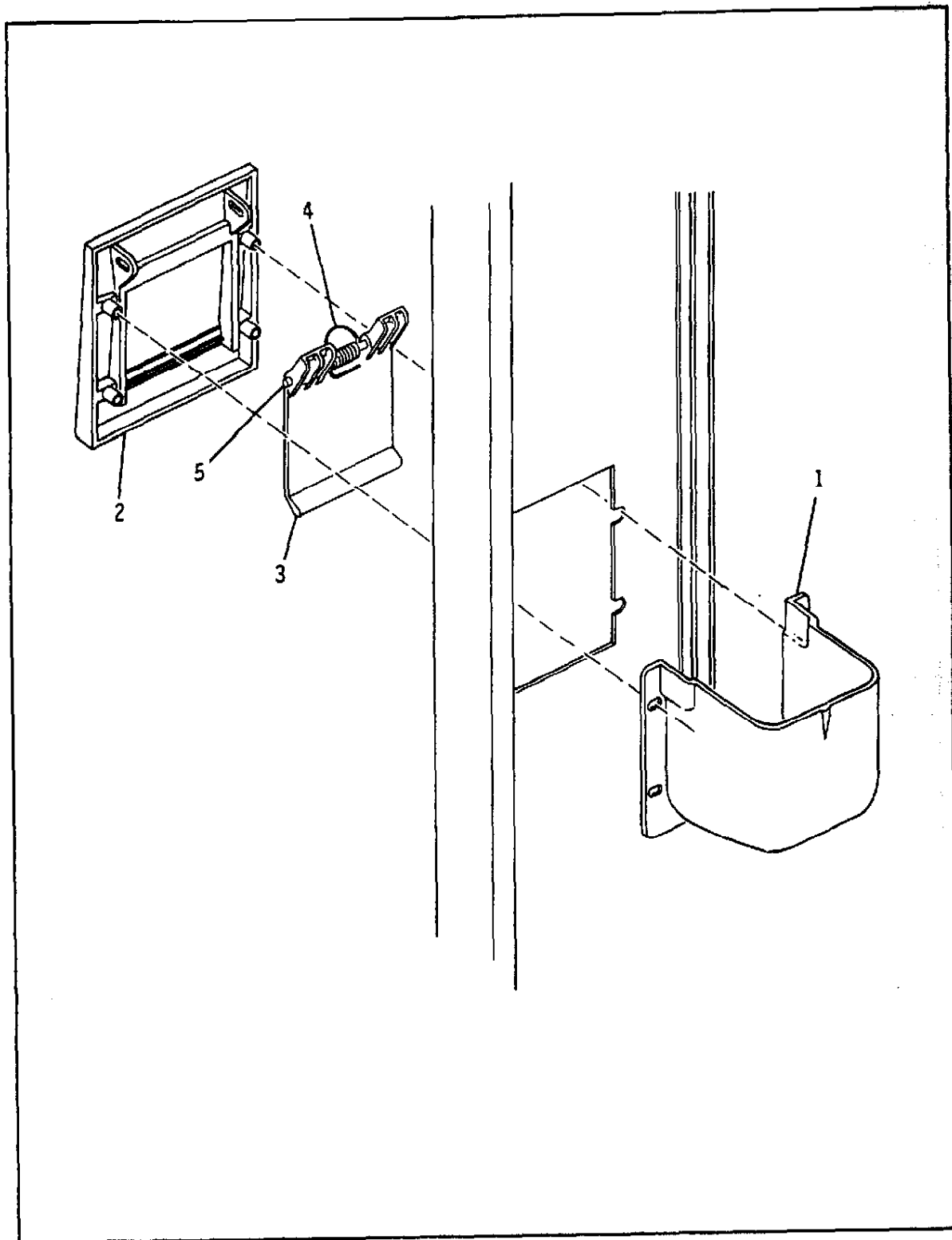


Figure 19. Coin Receptacle Assembly

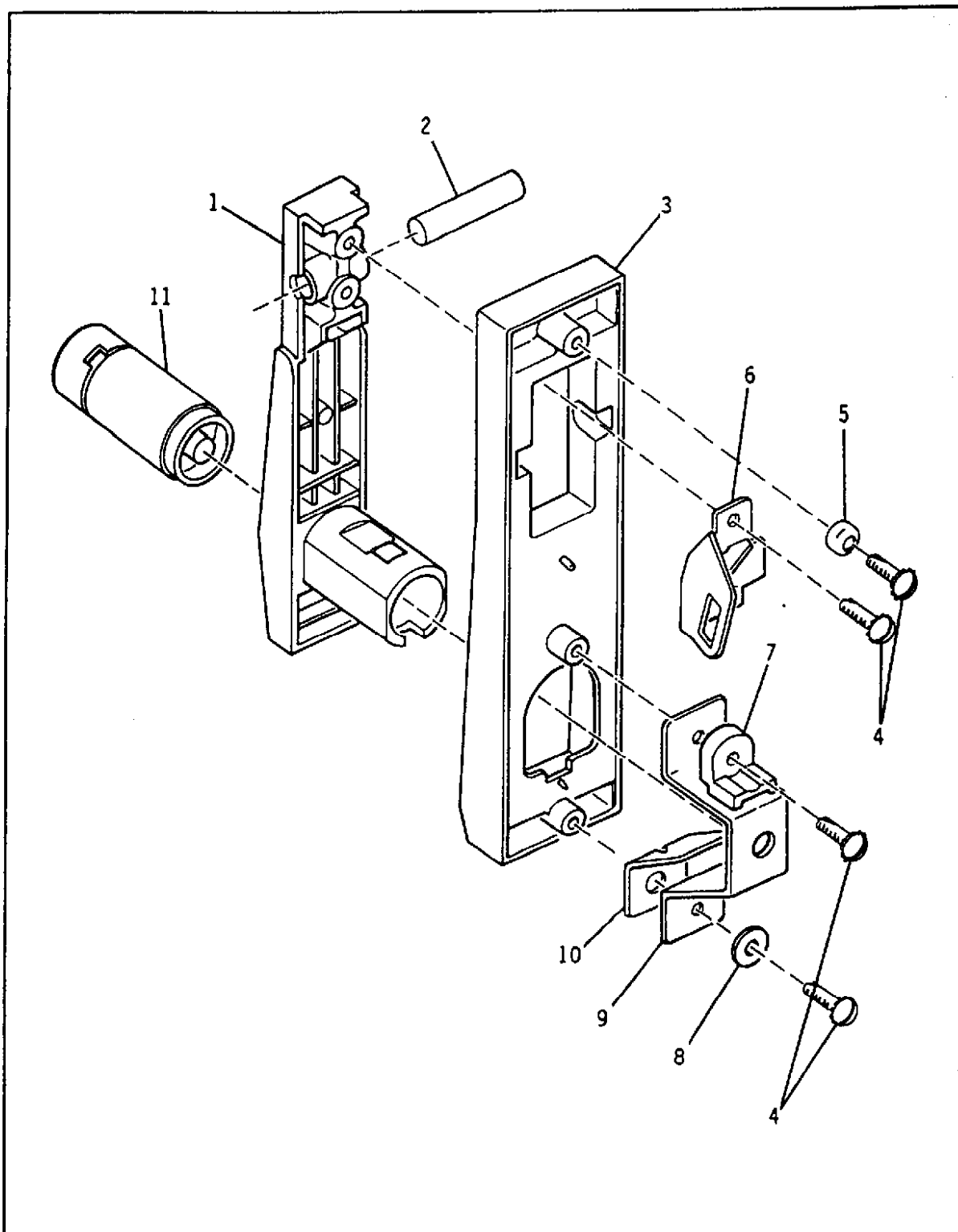


Figure 20. Handle and Door Lock Assembly

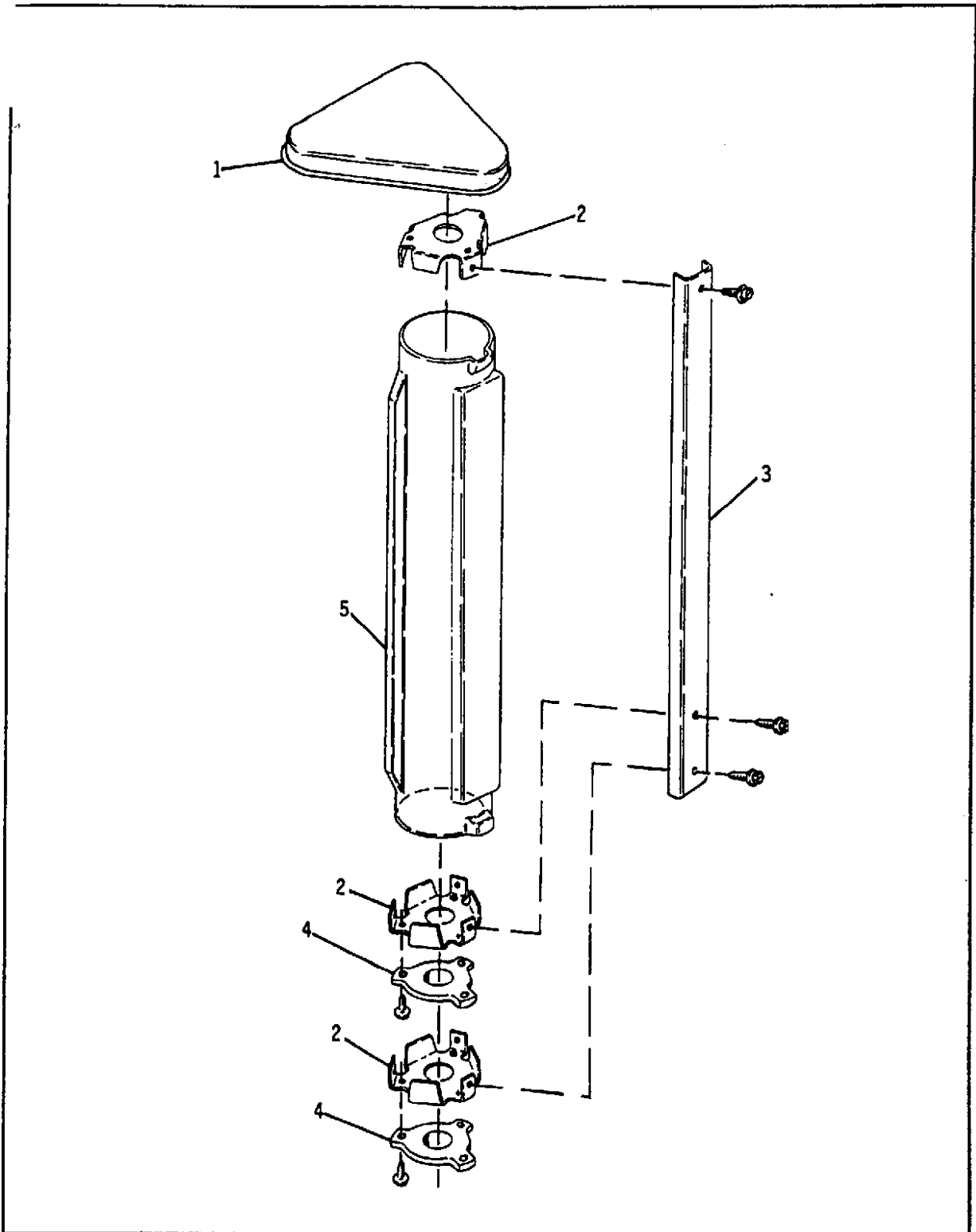


Figure 21. Cup Dispenser Assembly (Sheet 1 of 2)

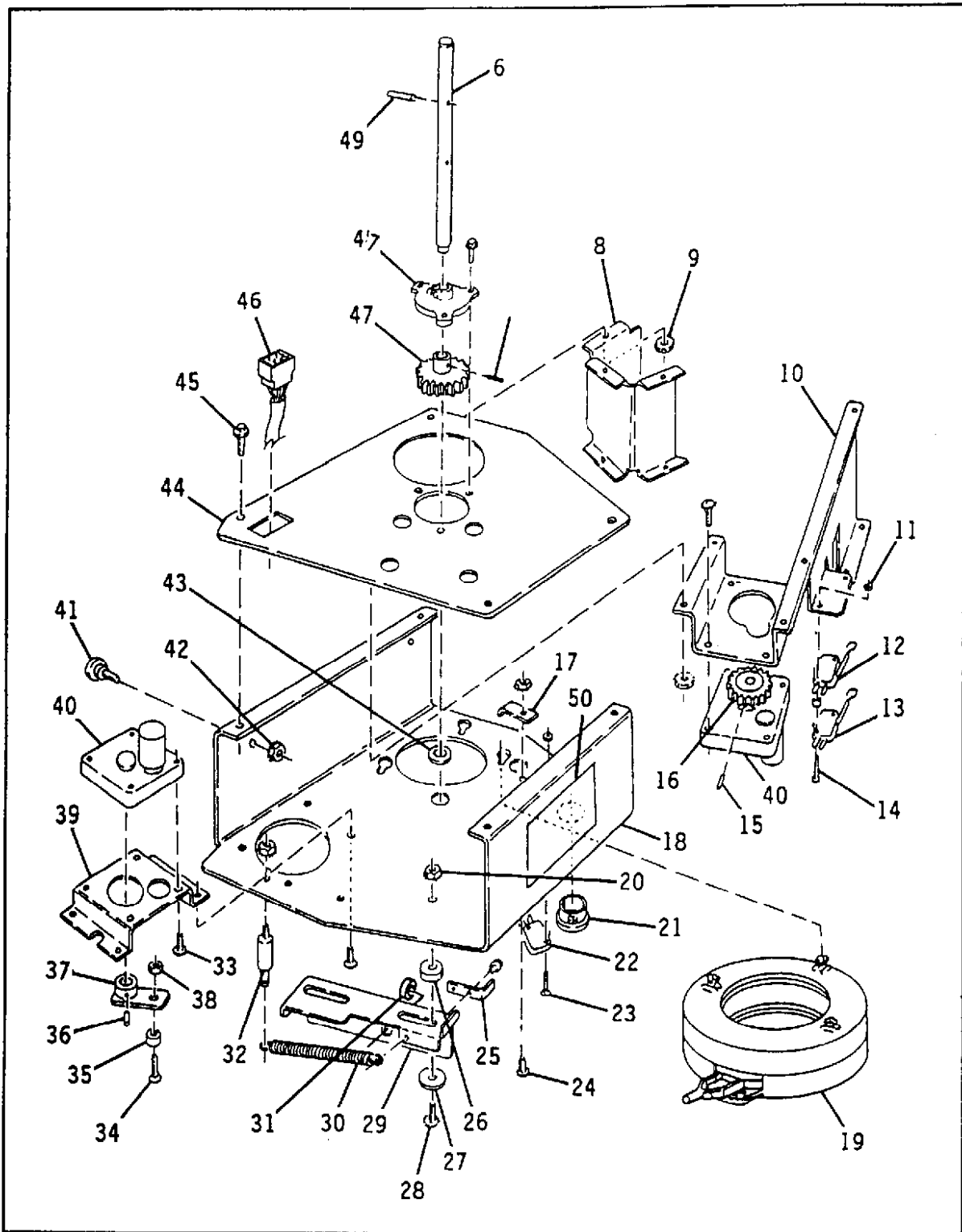


Figure 21. Cup Dispenser Assembly (Sheet 2 of 2)

FIGURE- INDEX NUMBER	DESCRIPTION	475/476	
		PART NO.	QTY.
21-	Dispenser Assembly - Cup (See Figure 3, Index 3-8 for Next Higher Assembly)	-----	Ref
21-1	Cover - Cup Turret	4733028	1
21-2	Plate - Cup Turret	4733027	3
21-3	Channel - Cup Turret (Screw #8-32 x 5/16, Hex Hd, T/F, Black)	4733026	3
		1451097	3
21-4	Bushing - Turret Shaft (Screw #8-32 x 5/16, Hex Hd, T/F, Black)	4733020	2
		1451097	3
21-5	Tube - Cup	3123146	3
21-6	Shaft - Turret	4733018	1
21-7	Pin - Roll - 3/32 x 3/4	1306519	1
21-8	Guide - Front - Cup Dispenser	4733004	1
21-9	Nut #8-32, KEPS, Zinc Plated	9900081	9
21-10	Guide - Rear - Cup Dispenser	4733003	1
21-11	Nut #4-40 KEPS	1217159	4
21-12	Roller	1127806	2
21-13	Switch Assembly	3143049	2
21-14	Screw #4-40 x 1-1/4 RHS	3113003	2
21-15	Pin - Roll - 3/32 x 3/4	1306519	1
21-16	Gear - Motor	4733009	1
21-17	Separator Lock - Cup	3103016	1
21-18	Plate - Bottom - Cup Dispenser	4733001	1
21-19	Ring Assembly - Cup	3143005	1
21-20	Nut #10-32, KEPS, Zinc Plated	9900164	5
21-21	Bushing	4021083	1
21-22	Switch	2306488	1
21-23	Screw #4-40 x 5/8 RHS	1217160	2
21-24	Screw #8-32 x 3/8 RHS	9900019	1
21-25	Angle - Cup Release Arm	4733014	1
21-26	Bushing - Release Arm - Cup Ring	4733010	1
21-27	Washer, Release Arm Bushing	4733011	1
21-28	Screw #10-32 x 5/8, RHS, SEMS, EXT, Zinc Plated	1277102	2

FIGURE- INDEX NUMBER	DESCRIPTION	475/476	
		PART NO.	QTY.
21-29	Arm - Release - Cup Ring	4733013	1
21-30	Spring - Release Arm - Cup Ring	4733035	1
21-31	Bushing	3143004	1
21-32	Stop - Release Arm - Cup Ring	4733006	1
21-33	Screw #10-32 x 1/2, RHS, SEMS, EXT, Zinc Plated	1217161	8
21-34	Screw - Shoulder	3143066	1
21-35	Roller Assembly	6133121	1
21-36	Pin - Roll - 3/32 x 13/16	6107020	1
21-37	Cam and Bushing Assembly	4733022	1
21-38	Nut #10-32, M/F, Zinc Plated	1407048	1
21-39	Bracket - Motor Mounting	4733016	1
21-40	Motor	4733008	2
21-41	Stud - Mounting - Cup Turret	4733005	1
21-42	Nut #10-32, KEPS, Zinc Plated	9900164	5
21-43	Bearing	4242145	1
21-44	Top Plate and Stud Assembly	4733029	1
21-45	Screw #8-32 x 5/16, Hex Hd, T/F, Black	1451097	18
21-46	Harness - Cup Dispenser	4733036	1
21-47	Gear - Turret Shaft	4733017	1
21-48	Bushing - Turret Shaft	4733020	1
21-49	Pin - Roll - 1/8 x 13/16	3127034	1
21-50	Label - Cup Turret - Loading	4752042	1
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>		
	Cup Turret Assembly (Consists of Index 21-1 thru Index 21-5)	4733025	1
	Cup Mechanism Assembly (Consists of Index 21-6 thru Index 21-50)	4733000	1

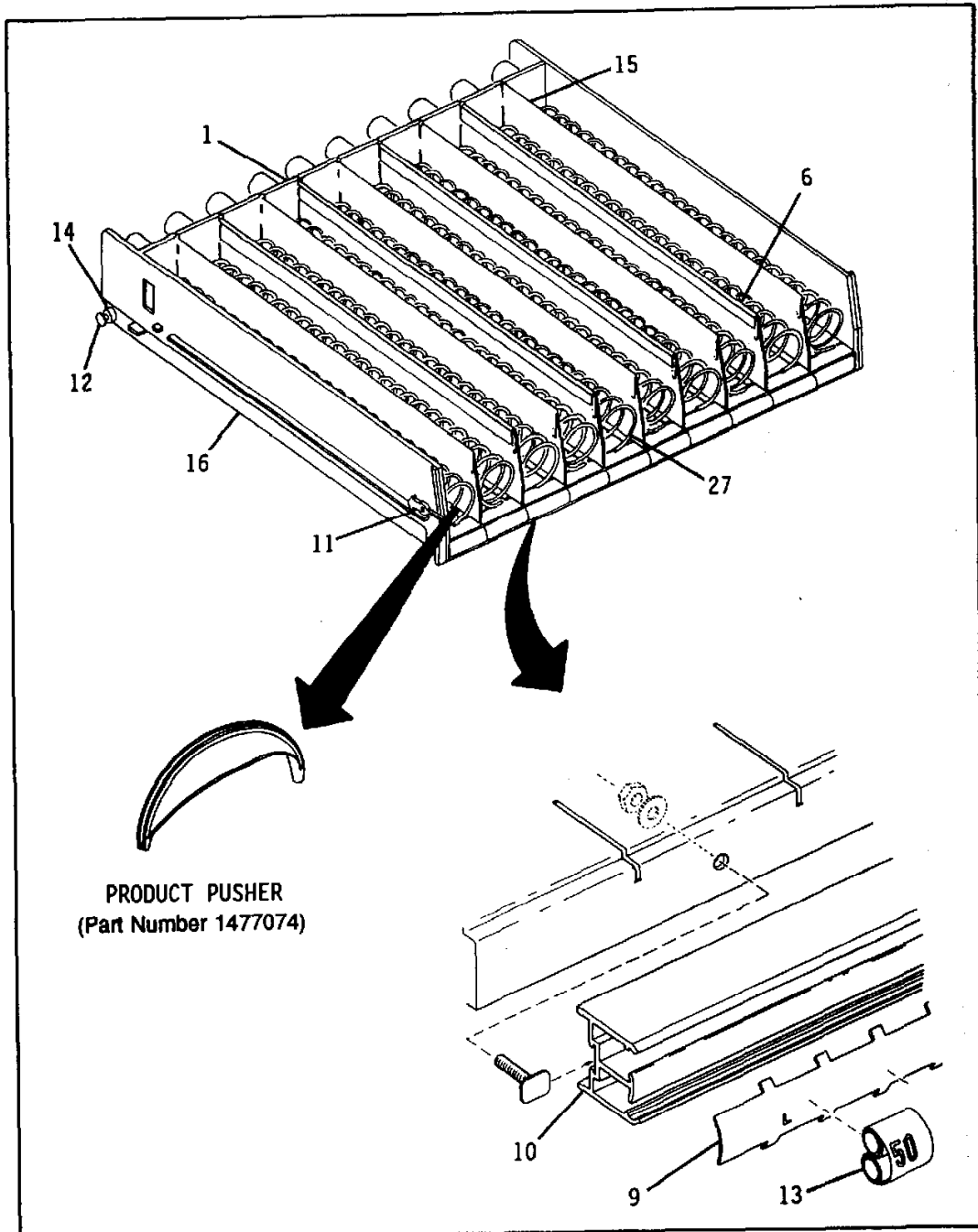


Figure 22. Candy Tray Assembly (Sheet 1 of 2)

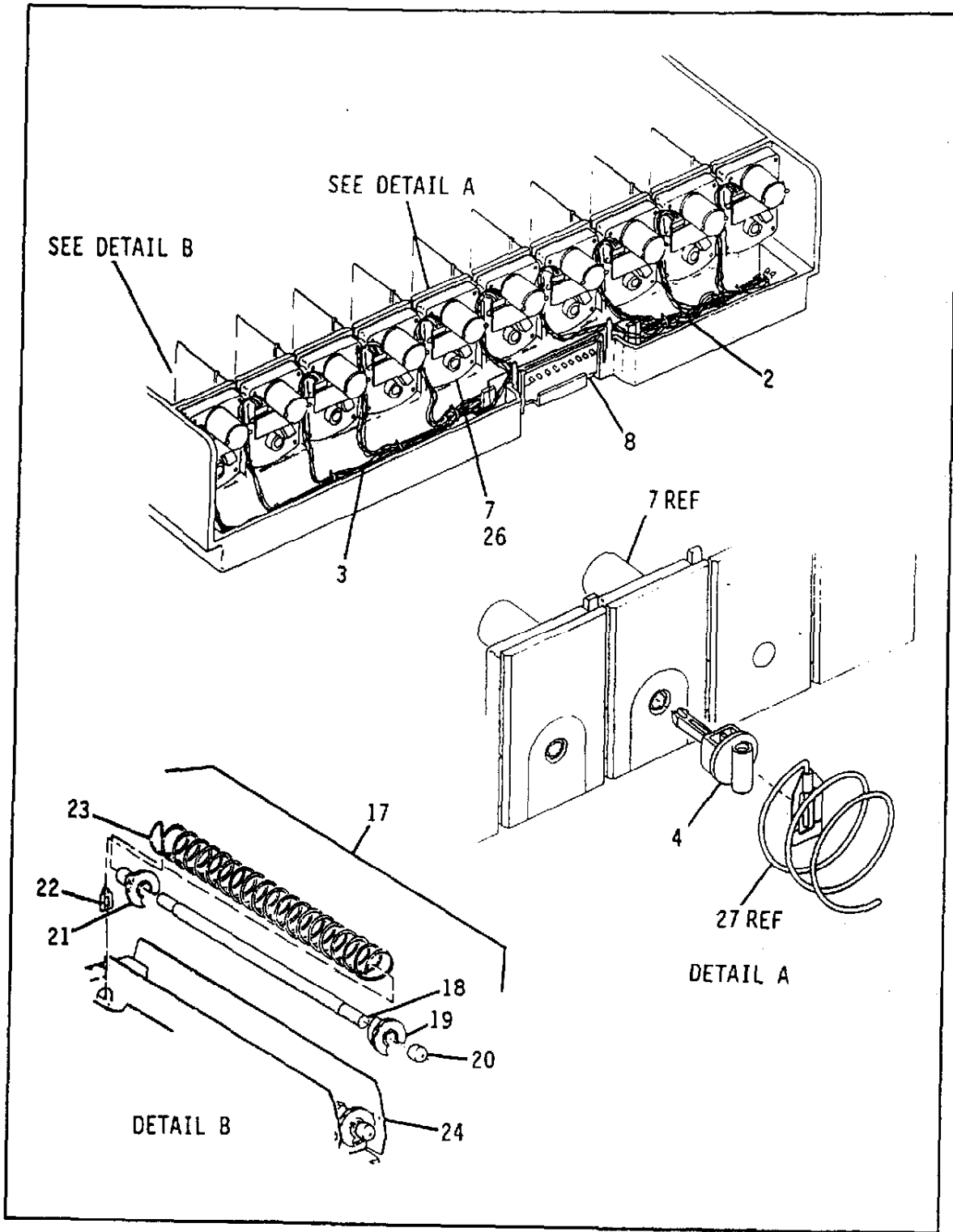


Figure 22. Candy Tray Assembly (Sheet 2 of 2)

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/462		474/475/478	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
22-	Tray and Spiral Assembly - 10 Candy (See Figure 2, Index 4 for Next Higher Assembly)	-----	Ref	N/A		N/A	
	Tray and Spiral Assembly - 8 Candy (See Figure 2/3, Index 4 for Next Higher Assembly)	N/A		-----	Ref	-----	Ref
22-1	Tray Assembly - 10 Candy (Consists of Index 22-2 thru Index 22-16)	1477068	1	N/A		N/A	
	Tray Assembly - 8 Candy (Contains Index 22-2 and Index 22-4 thru Index 22-16)	N/A		1487005	1	1487005	1
22-2	Harness - Tray - 4 Motor (See Index 22-1 for Next Higher Assembly)	1579044	1		2		2
22-3	Harness - Tray - 6 Motor (See Index 22-1 for Next Higher Assembly)	1579045	1	N/A		N/A	
22-4	Coupling - Spiral (See Index 22-1 for Next Higher Assembly)	1477113	10		8		8
22-5	Retainer - Spiral - Wall (See Index 22-1 for Next Higher Assembly)	1477083	7				
22-6	Spacer - Adjustable (See Index 22-1 for Next Higher Assembly)	1477141	4		3		3
22-7	PCB and Motor Assembly (See Index 22-1 for Next Higher Assembly)	1577035	10		8		8
22-8	PCB Assembly - Tray (See Index 22-1 for Next Higher Assembly)	1477085	1				
22-9	Holder - Price and Selection (See Index 22-1 for Next Higher Assembly)	1677264	1	1687017	1		
22-10	Rail - Price and Selection (See Index 22-1 for Next Higher Assembly)	1477134	1	1487009	1		
	(Nut #8-32 Self-Locking, Black)	9900030	3		2		2
	(Washer - Hopper Release)	5560113	3		2		2
	(T-bolt - Trim)	2222031	3				
22-11	Latch (See Index 22-1 for Next Higher Assembly) (Push-On Retainer)	1477017	2				
		5201267	2				
22-12	Axle - Tray Roller (See Index 22-1 for Next Higher Assembly)	1477097	2				
22-13	Price Roll	1477014	10		8		8
22-14	Roller - Tray (See Index 22-1 for Next Higher Assembly)	1477148	2				

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/462		474/475/476	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
22-15	Wall - Tray (See Index 22-1 for Next Higher Assembly)	1477125	9		7		7
22-16	Tray - 5 and 10 Selection (See Index 22-1 for Next Higher Assembly)	1477001	1	N/A		N/A	
	Tray - 4 and 8 Selection (See Index 22-1 for Next Higher Assembly)	N/A		1487001	1	1487001	1
	Screw #5-20 x 5/8, Hex W/Hd, T/F, Black (Not Shown) (See Index 22-16 for Next Higher Assembly)	1477122	2				
	Product Pusher	1477074	10				
	<u>OPTIONS</u>						
	<u>TRAY ASSEMBLY - GUM AND MINT</u> (Includes the following 18 items)	Opt	Opt	Opt
	Spiral and Retainer Assembly (Same as Index 22-27D)	1477035	1				
	Spiral and Retainer Assembly (Same as Index 22-27E)	1477038	1				
	Spiral and Retainer Assembly (Same as Index 22-27F)	1477041	3		2		2
	Spiral and Retainer Assembly (Same as Index 22-27G)	1477044	3		2		2
22-17	Spiral and Retainer Assembly - Coil Gum and Mint (Contains Index 22-18 thru Index 22-23)	1677002	2				
22-18	Insert Assembly - Spiral (See Index 22-17 for Next Higher Assembly)	1467131	1				
22-19	Disk - Spiral Insert (See Index 22-17 for Next Higher Assembly)	1467129	1				
22-20	Cap - Spiral Insert (See Index 22-17 for Next Higher Assembly)	1677005	2				
22-21	Disk - Spiral Insert - Rear (See Index 22-17 for Next Higher Assembly)	1467130	1				
22-22	Retainer - Spiral - Orange (See Index 22-17 for Next Higher Assembly)	1467137	1				

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/462		474/475/476	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
22-23	Spiral - Coil Gum and Mint (See Index 22-17 for Next Higher Assembly)	1677002	1				
22-24	Tray Assembly - 8 Candy and 2 Gum and Mint (Same as Index 22-1 except for Index 22-25 and Index 22-26)	1477091	1	N/A		N/A	
	Tray Assembly - 6 Candy and 2 Gum and Mint (Same as Index 22-1 except for Index 22-25 thru Index 22-28)	N/A		1487008	1	1487008	1
22-25	Jumper Assembly - Motor Reverse (Not Shown)	1477156	1				
22-26	Motor - Gum and Mint Spiral	1477114	2				
	PCB and Motor Assembly (Same as Index 22-7 except for quantity)	1577035	8		6		6
	Nut #8-32 W/LW (Use with Index 22-10; this nut replaces part number 1412046)	9900081	3	N/A		N/A	
	Price Roll	1477014	10		8		8
	<u>SPIRAL OPTIONS</u>						
22-27	Spiral and Retainer Assembly 11 Count, LH Blue Includes the following two items:	1477023	Opt				
	Spiral - 11 Count, LH	1477024	1				
	Retainer - Spiral - Blue	1457061	1				
22-27A	Spiral and Retainer Assembly 11 Count, RH Blue Includes the following two items:	1477026	Opt				
	Spiral - 11 Count, RH	1477027	1				
	Retainer - Spiral - Blue	1457061	1				
22-27B	Spiral and Retainer Assembly 13 Count, LH Yellow Includes the following two items:	1477029	Opt				
	Spiral - 13 Count, LH	1477030	1				
	Retainer - Spiral - Yellow	1457062	1				
22-27C	Spiral and Retainer Assembly 13 Count, RH Yellow Includes the following two items:	1477032	Opt				
	Spiral - 13 Count, RH	1477033	1				

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/462		474/475/476	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
	Retainer - Spiral - Yellow	1457063	1				
22-27D	Spiral and Retainer Assembly 15 Count, LH Red Includes the following two items:	1477035	Opt				
	Spiral - 15 Count, LH	1477036	1				
	Retainer - Spiral - Red	1457063	1				
22-27E	Spiral and Retainer Assembly 15 Count, RH Red Includes the following two items:	1477038	Opt				
	Spiral - 15 Count, RH	1477039	1				
	Retainer - Spiral - Red	1457063	1				
22-27F	Spiral and Retainer Assembly 20 Count, LH White Includes the following two items:	1477041	Opt				
	Spiral - 20 Count - LH	1477042	1				
	Retainer - Spiral - White	1457064	1				
22-27G	Spiral and Retainer Assembly 20 Count - RH White Includes the following two items:	1477044	Opt				
	Spiral - 20 Count, RH	1477045	1				
	Retainer - Spiral - White	1457064	1				
22-27H	Spiral and Retainer Assembly 17 Count - LH Brown Includes the following two items:	1477101	Opt				
	Spiral - 17 Count, LH	1477100	1				
	Retainer - Spiral - Brown	1457106	1				
22-27J	Spiral and Retainer Assembly 17 Count - RH Brown Includes the following two items:	1477099	Opt				
	Spiral - 17 Count, RH	1477098	1				
	Retainer - Spiral - Brown	1457106	1				
22-27K	Spiral and Retainer Assembly 6 Count - LH Purple Include the following two items:	1477103	Opt				
	Spiral - 6 Count, LH	1477102	1				
	Retainer - Spiral - Purple	1477107	1				

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/462		474/475/476	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
22-27L	Spiral and Retainer Assembly 6 Count - RH Purple Includes the following two items:	1477105	Opt				
	Spiral - 6 Count, RH	1477104	1				
	Retainer - Spiral - Purple	1477107	1				
22-27M	Spiral and Retainer Assembly 25 Count - LH Green Includes the following two items:	1477047	Opt				
	Spiral - 25 Count, LH	1477048	1				
	Retainer - Spiral - Green	1457065	1				
22-27N	Spiral and Retainer Assembly 25 Count - RH Green Includes the following two items:	1477050	Opt				
	Spiral - 25 Count, RH	1477051	1				
	Retainer - Spiral - Green	1457065	1				
22-27P	Spiral and Retainer Assembly 30 Count - LH Black Includes the following two items:	1477053	Opt				
	Spiral - 30 Count, LH	1477054	1				
	Retainer - Spiral - Black	1477073	1				
22-27Q	Spiral and Retainer Assembly 30 Count - RH Black Includes the following two items:	1477056	Opt				
	Spiral - 30 Count, RH	1477057	1				
	Retainer - Spiral - Black	1477073	1				
22-27R	Spiral and Retainer Assembly 38 Count - LH Orange Includes the following two items:	1477059	Opt				
	Spiral - 38 Count, LH	1477060	1				
	Retainer - Spiral - Orange	1467137	1				
22-27S	Spiral and Retainer Assembly 38 Count - RH Orange Includes the following two items:	1477062	Opt				
	Spiral - 38 Count, RH	1477063	1				
	Retainer - Spiral - Orange	1467137	1				
22-27T	Spiral and Retainer Assembly 9 Count - RH Gray Includes the following two items:	1477149	Opt				

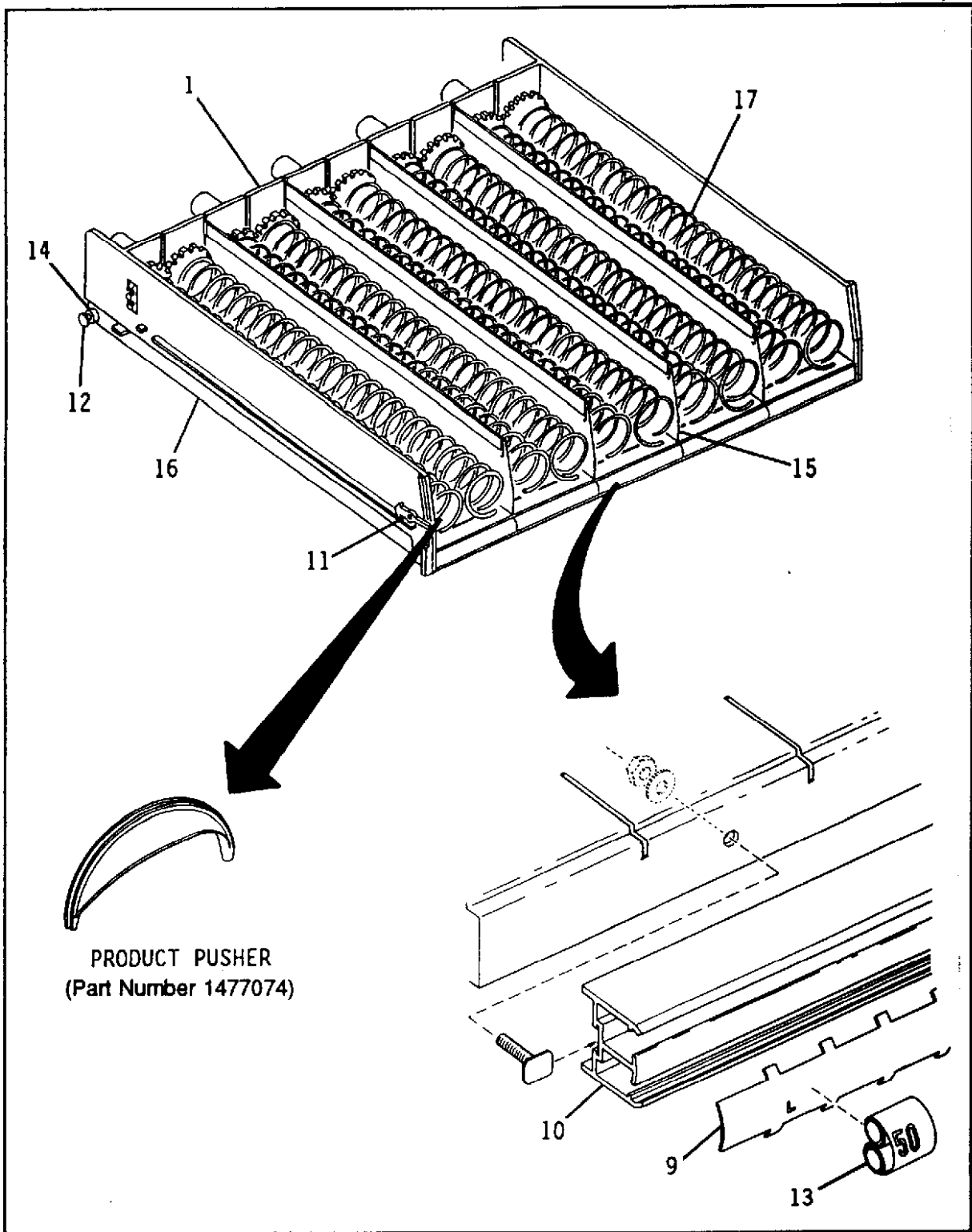


Figure 23. Snack Tray Assembly (Sheet 1 of 2)

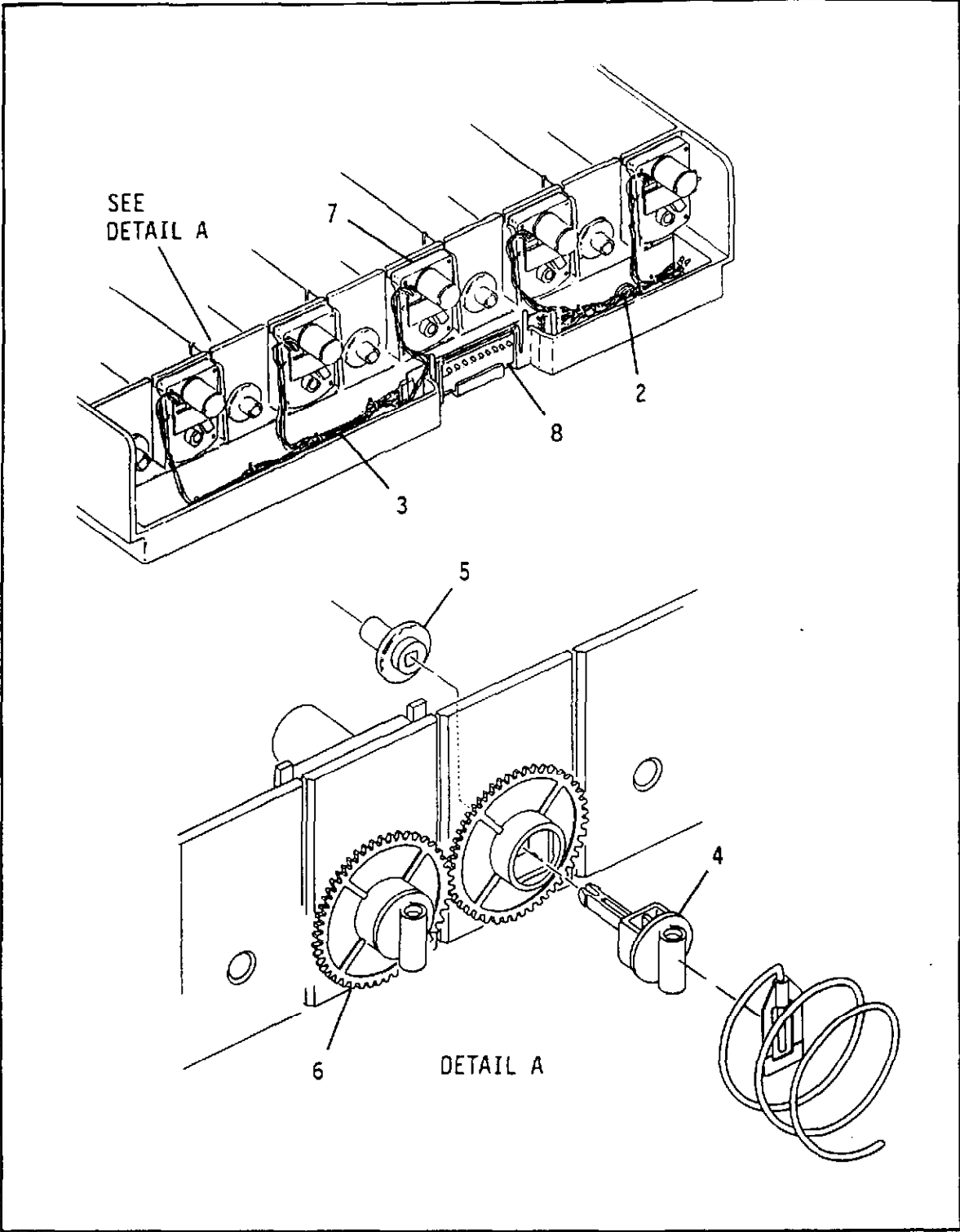


Figure 23. Snack Tray Assembly (Sheet 2 of 2)

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/462		474/475/476	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
23-	Tray and Spiral Assembly - 5 Snack (See Figure 2/3, Index 3 for Next Higher Assembly)	-----	Ref	N/A		N/A	
	Tray and Spiral Assembly - 5 Snack (See Figure 2/3, Index 3 for Next Higher Assembly)	N/A		-----	Ref	-----	Ref
23-1	Tray Assembly - 5 Snack (Consists of Index 23-2 thru Index 23-16)	1477067	1	N/A		N/A	
	Tray Assembly - 4 Snack (Contains Index 23-2 and Index 23-4 thru Index 23-16)	N/A		1487004	1	1487004	1
23-2	Harness - Tray - 2 Motor (See Index 23-1 for Next Higher Assembly)	1579042	1		2		2
23-3	Harness - Tray - 3 Motor (See Index 23-1 for Next Higher Assembly)	1579043	1	N/A		N/A	
23-4	Coupling - Spiral (See Index 23-1 for Next Higher Assembly)	1477113	10		8		8
23-5	Bearing - Coupler (See Index 23-1 for Next Higher Assembly)	1477022	5		4		4
23-6	Gear - Tray (See Index 23-1 for Next Higher Assembly)	1477020	10		8		8
23-7	PCB and Motor Assembly (See Index 23-1 for Next Higher Assembly)	1577035	5		4		4
23-8	PCB Assembly - Tray (See Index 23-1 for Next Higher Assembly)	1477085	1		1		1
23-9	Holder - Price and Selection (See Index 23-1 for Next Higher Assembly)	1677264	1	1687017	1		1
23-10	Rail - Price and Selection (See Index 23-1 for Next Higher Assembly) (Nut #8-32 Self-Locking, Black) (Washer - Hopper Release) (T-bolt - Trim)	1477134 1412046 5560113 2222031	1 3 3 3	1487009	1 2 2 2		1 2 2 2
23-11	Latch (See Index 23-1 for Next Higher Assembly) (Push-On Retainer)	1477017 5201267	2 2		2 2		2 2
23-12	Axle - Tray Roller (See Index 23-1 for Next Higher Assembly)	1477097	2		2		2
23-13	Price Roll	1477014	5		4		4
23-14	Roller - Tray (See Index 23-1 for Next Higher Assembly)	1477148	2		2		2

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/462		474/475/476	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
23-15	Wall - Tray (See Index 23-1 for Next Higher Assembly)	1477125	4		3		3
23-16	Tray - 5 and 10 Selection (See Index 23-1 for Next Higher Assembly)	1477001	1	N/A		N/A	
	Tray - 4 and 8 Selection (See Index 23-1 for Next Higher Assembly)	N/A		1487001	1	1487001	1
	Product Pusher	1477074	10				
	<u>SPIRAL OPTIONS</u>						
23-17	Spiral and Retainer Assembly 11 Count, LH Blue Includes the following two items:	1477023	Opt				
	Spiral - 11 Count, LH	1477024	1				
	Retainer - Spiral - Blue	1457061	1				
23-17A	Spiral and Retainer Assembly 11 Count, RH Blue Includes the following two items:	1477026	Opt				
	Spiral - 11 Count, RH	1477027	1				
	Retainer - Spiral - Blue	1457061	1				
23-17B	Spiral and Retainer Assembly 13 Count, LH Yellow Includes the following two items:	1477029	Opt				
	Spiral - 13 Count, LH	1477030	1				
	Retainer - Spiral - Yellow	1475062	1				
23-17C	Spiral and Retainer Assembly 13 Count, RH Yellow Includes the following two items:	1477032	Opt				
	Spiral - 13 Count, RH	1477033	1				
	Retainer - Spiral - Yellow	1457062	1				
23-17D	Spiral and Retainer Assembly 15 Count, LH Red Includes the following two items:	1477035	Opt				
	Spiral - 15 Count, LH	1477036	1				
	Retainer - Spiral - Red	1457063	1				
23-17E	Spiral and Retainer Assembly 15 Count, RH Red Includes the following two items:	1477038	Opt				

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/462		474/475/476	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
	Spiral - 15 Count, RH	1477039	1				
	Retainer - Spiral - Red	1457063	1				
23-17F	Spiral and Retainer Assembly 20 Count, LH White Includes the following two items:	1477041	Opt				
	Spiral - 20 Count - LH	1477042	1				
	Retainer - Spiral - White	1457064	1				
23-17G	Spiral and Retainer Assembly 20 Count - RH White Includes the following two items:	1477044	Opt				
	Spiral - 20 Count, RH	1477045	1				
	Retainer - Spiral - White	1457064	1				
23-17H	Spiral and Retainer Assembly 17 Count - LH Brown Includes the following two items:	1477101	Opt				
	Spiral - 17 Count, LH	1477100	1				
	Retainer - Spiral - Brown	1457106	1				
23-17J	Spiral and Retainer Assembly 17 Count - RH Brown Includes the following two items:	1477099	Opt				
	Spiral - 17 Count, RH	1477098	1				
	Retainer - Spiral - Brown	1457106	1				
23-17K	Spiral and Retainer Assembly 6 Count - LH Purple Include the following two items:	1477103	Opt				
	Spiral - 6 Count, LH	1477102	1				
	Retainer - Spiral - Purple	1477107	1				
23-17L	Spiral and Retainer Assembly 6 Count - RH Purple Includes the following two items:	1477105	Opt				
	Spiral - 6 Count, RH	1477104	1				
	Retainer - Spiral - Purple	1477107	1				
23-17M	Spiral and Retainer Assembly 25 Count - LH Green Includes the following two items:	1477047	Opt				
	Spiral - 25 Count, LH	1477048	1				
	Retainer - Spiral - Green	1457065	1				

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/462		474/475/476	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
23-17N	Spiral and Retainer Assembly 25 Count - RH Green Includes the following two items:	1477050	Opt				
	Spiral - 25 Count, RH	1477051	1				
	Retainer - Spiral - Green	1457065	1				
23-17P	Spiral and Retainer Assembly 30 Count - LH Black Includes the following two items:	1477053	Opt				
	Spiral - 30 Count, LH	1477054	1				
	Retainer - Spiral - Black	1477073	1				
23-17Q	Spiral and Retainer Assembly 30 Count - RH Black Includes the following two items:	1477056	Opt				
	Spiral - 30 Count, RH	1477057	1				
	Retainer - Spiral - Black	1477073	1				
23-17R	Spiral and Retainer Assembly 38 Count - LH Orange Includes the following two items:	1477059	Opt				
	Spiral - 38 Count, LH	1477060	1				
	Retainer - Spiral - Orange	1467137	1				
23-17S	Spiral and Retainer Assembly 38 Count - RH Orange Includes the following two items:	1477062	Opt				
	Spiral - 38 Count, RH	1477063	1				
	Retainer - Spiral - Orange	1467137	1				
23-17T	Spiral and Retainer Assembly 9 Count - RH Gray Includes the following two items:	1477149	Opt				
	Spiral - 9 Count, RH	1477150	1				
	Retainer - Spiral - Gray	1477155	1				
23-17U	Spiral and Retainer Assembly 9 Count - LH Gray Includes the following two items:	1477152	Opt				
	Spiral - 9 Count, LH	1477153	1				
	Retainer - Spiral - Gray	1477155	1				

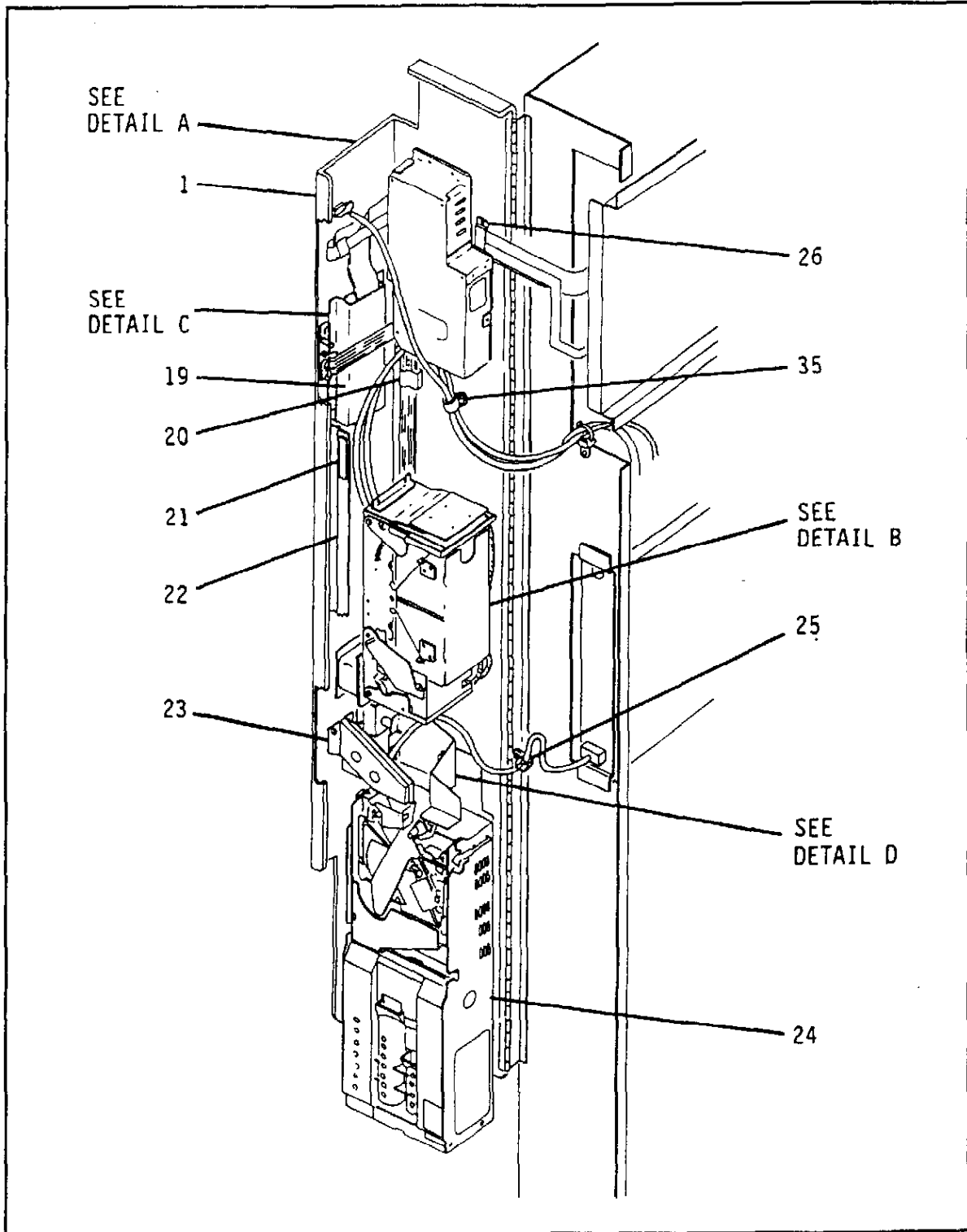


Figure 24. Monetary Panel Assembly (Sheet 1 of 3)

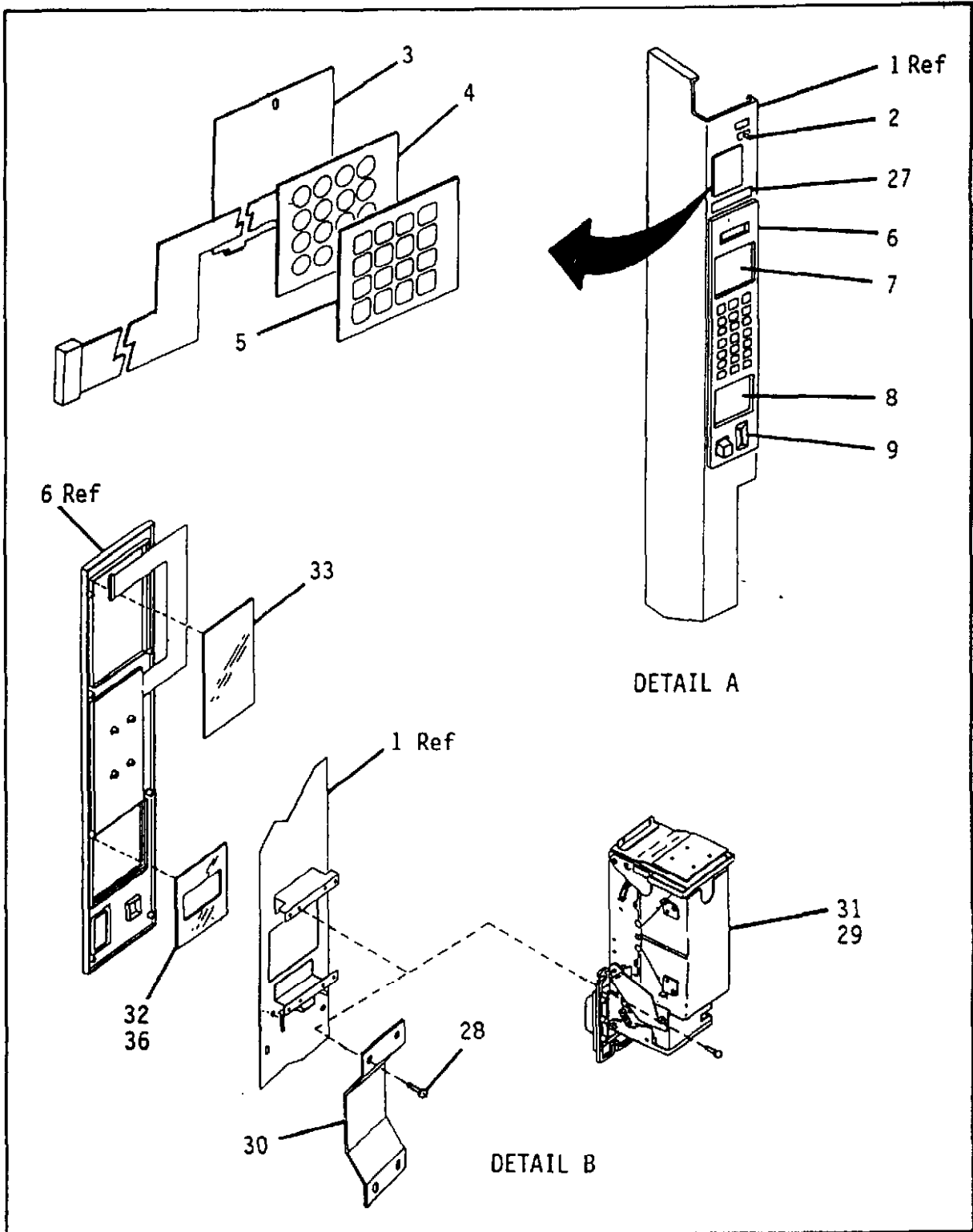


Figure 24. Monetary Panel Assembly (Sheet 2 of 3)

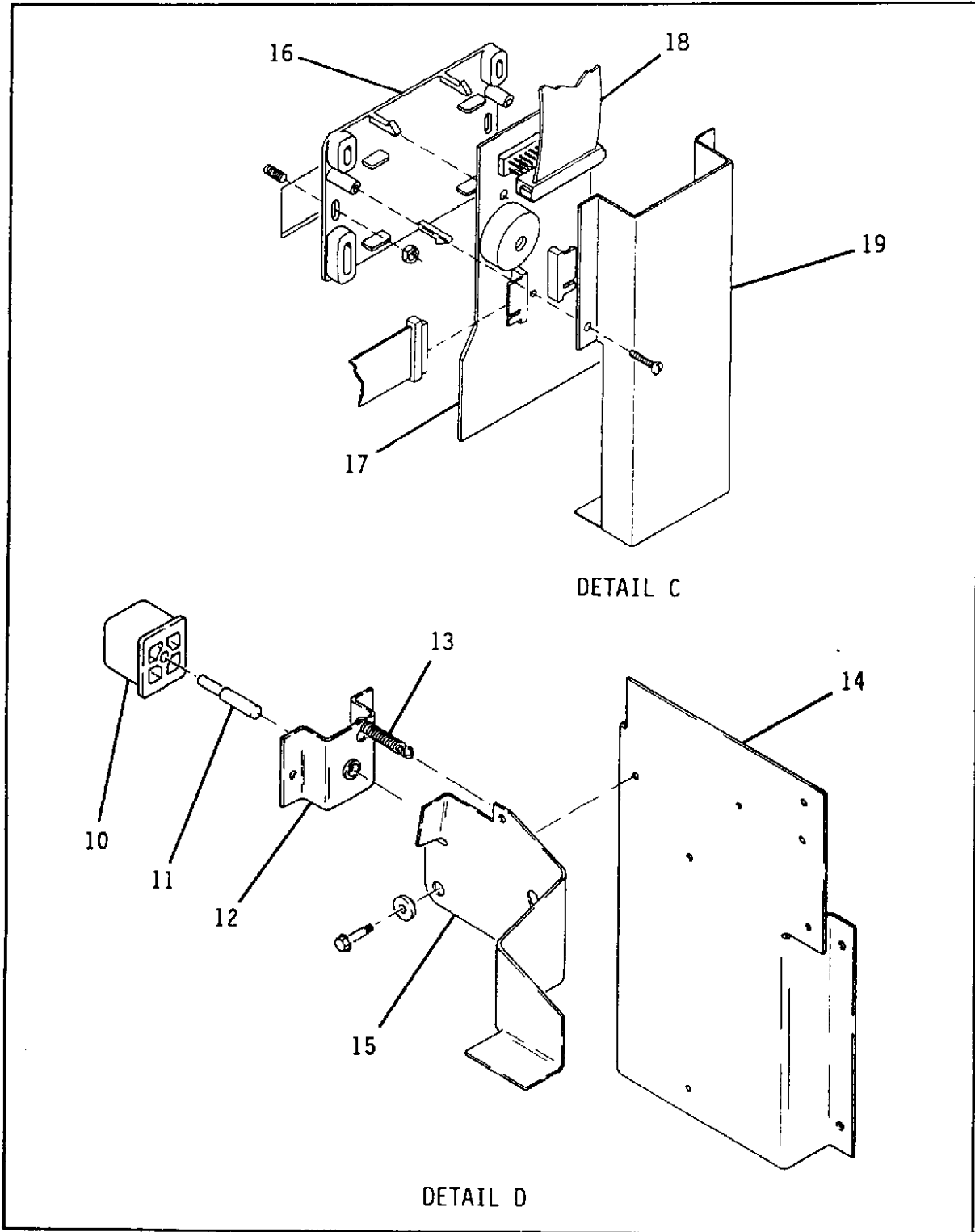


Figure 24. Monetary Panel Assembly (Sheet 3 of 3)

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/474/462		475/476	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
24-	Panel Assembly - Monetary (See Figure 2/3, Index 5 for Next Higher Assembly)	1475000	Ref				
24-1	Panel and Stud Assembly	1475090	1				
24-2	Switch	1401110	1				
24-3	Plate - Data Switch Mounting	1475042	1				
24-4	Switch - Controller Programming	9984618	1				
24-5	Label - Data Switch	1475075	1				
24-6	Faceplate Assembly (See Figure 25 for Breakdown) (Spacer Cup) (Screw #8-10 x 3/8, Hex, T/F)	1475003	1				
		2302053	8				
		1437204	8				
24-7	Plate - Instruction - Selection	1472123	1				
24-8	Insert - Instructions - Lower	1475092	1				
24-9	Coin Insert (Coin Block)	1472223	1				
		1472222	1				
24-10	Button - Coin Return	1475026	1				
24-11	Shaft - Coin Return	1475072	1				
24-12	Bracket - Coin Return Button (Nut #8-32 W/LW)	1475008	1				
		9900081	2				
24-13	Spring - Shelf Reset	1127808	1				
24-14	Bracket - Coin Mech (Nut #8-32 W/LW)	6235024	1				
		9900081	4				
24-15	Arm - Scavenger (Screw #8-32 x 5/16, HWS) (Spacer - Release)	6235025	1				
		1451056	2				
		2228011	2				
24-16	Bracket - Mounting (Screw #6-32 x 1/4, PHS, W/LW)	1475099	2				
		9900109	4				
24-17	PCB Assembly - Display - Universal	9989628	1				
24-18	Cable Assembly - Ribbon	1472261	1				
24-19	Cover - Display PCB (Screw #8-18 x 3/4, RHS, T/F)	1475100	1				
		4041106	2				
24-20	Clip - Cable	4302166	1				
24-21	Magnet - Retainer	3122056	2				
24-22	Plate - Magnet Mounting (Screw #8-32 x 1/4, PHS, T/F)	1475071	1				
		4245186	3				

FIGURE- INDEX NUMBER	DESCRIPTION	147/461		148/474/462		475/476	
		PART NO.	QTY.	PART NO.	QTY.	PART NO.	QTY.
24-23	Chute Assembly - Coin Insert (Spacer Cup) (Screw #8-10 x 3/8, Hex, T/F)	1475083 2302053 1437204	1 2 2				
24-24	Coin Mechanism, Cointron 3000	5307321	1				
24-25	Clamp - Cable - 3/8	1452139	1				
24-26	Clamp - Wire (Cover - Clamp) (Nut #8-32 W/LW)	1451042 1451043 9900081	1 1 2				
24-27	Label - Instructions - Price Setting and Coin Payout	4742011	1				
24-28	Screw #8-32 x 5/16, Hex, T/F	1451097	4				
24-29	Screw #10-32 x 5/16, THS, T/F	1452312	2	N/A		N/A	
24-30	Bracket - No Validator	1475048	1				
	<u>OPTIONS</u>						
24-31	Validator - MAKA (Screw #8-32 x 3/8, PHS, T/F)	1475053 5500026	1 3				
	Validator - MARS (Screw #8-32 x 3/8, PHS, T/F)	3152391 5500026	1 3				
	Validator - MARS (Screw #8-32 x 3/8, PHS, T/F)	3152444 5500026	1 3				
24-32	Insert - Instruction - MAKA	1475049	1				
	Insert - Instruction - MARS	1475052	1				
24-33	Plate - Instruction - Selection	1475033	1				
24-34	Clamp - Cable - 7/16	3102348	1				
24-35	Clamp - Cable - 3/8 (Self-Adhesive)	6131143	1				
24-36	Label - Instruction - Alternate - \$1 & \$5 (Self-Adhesive)(Used with index 32 when appropriate)	1475094	1				
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>						
	Switch Assembly - Data (Includes Index 24-3 thru Index 24-5)	1475055	1				
	Button Assembly - Coin Return (Includes Index 24-10 and Index 24-11)	1475073	1				

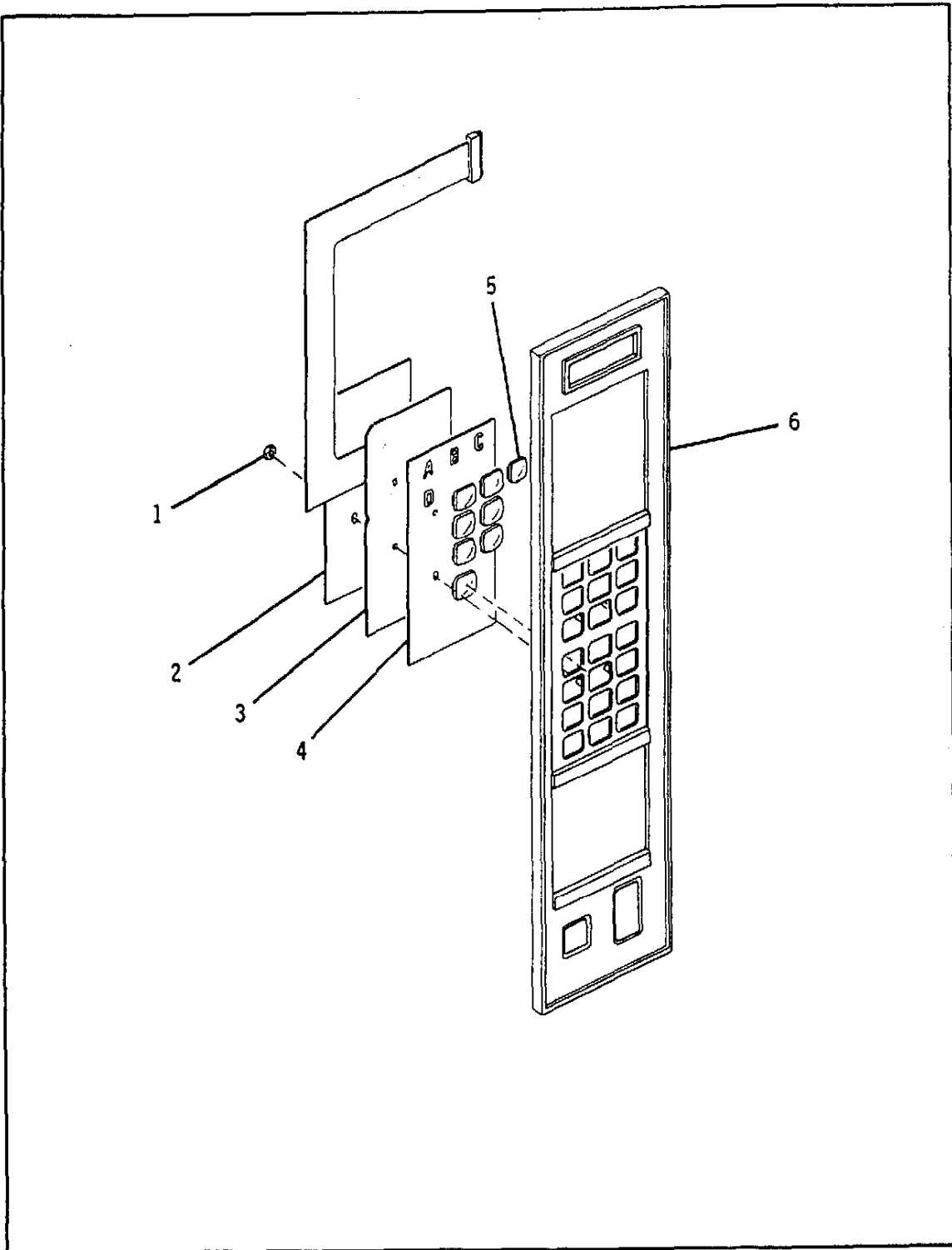


Figure 25. Faceplate Assembly

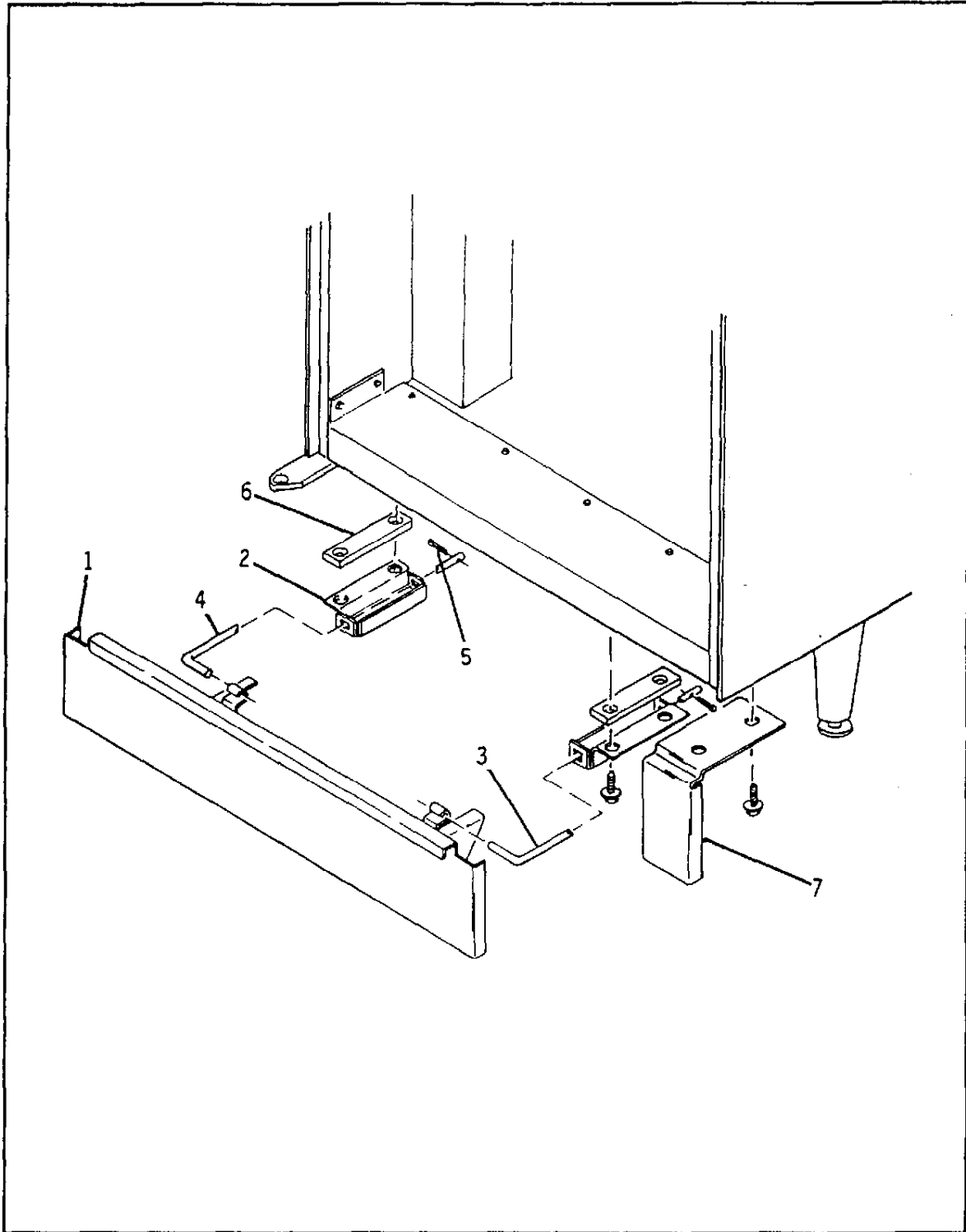


Figure 26. Base Plate Package

TO VIEW THE 474-475 COLD OR FROZEN FOOD MODULE PARTS BREAKDOWN GO TO THE 474FRZN MANUAL OR (CLICK HERE)

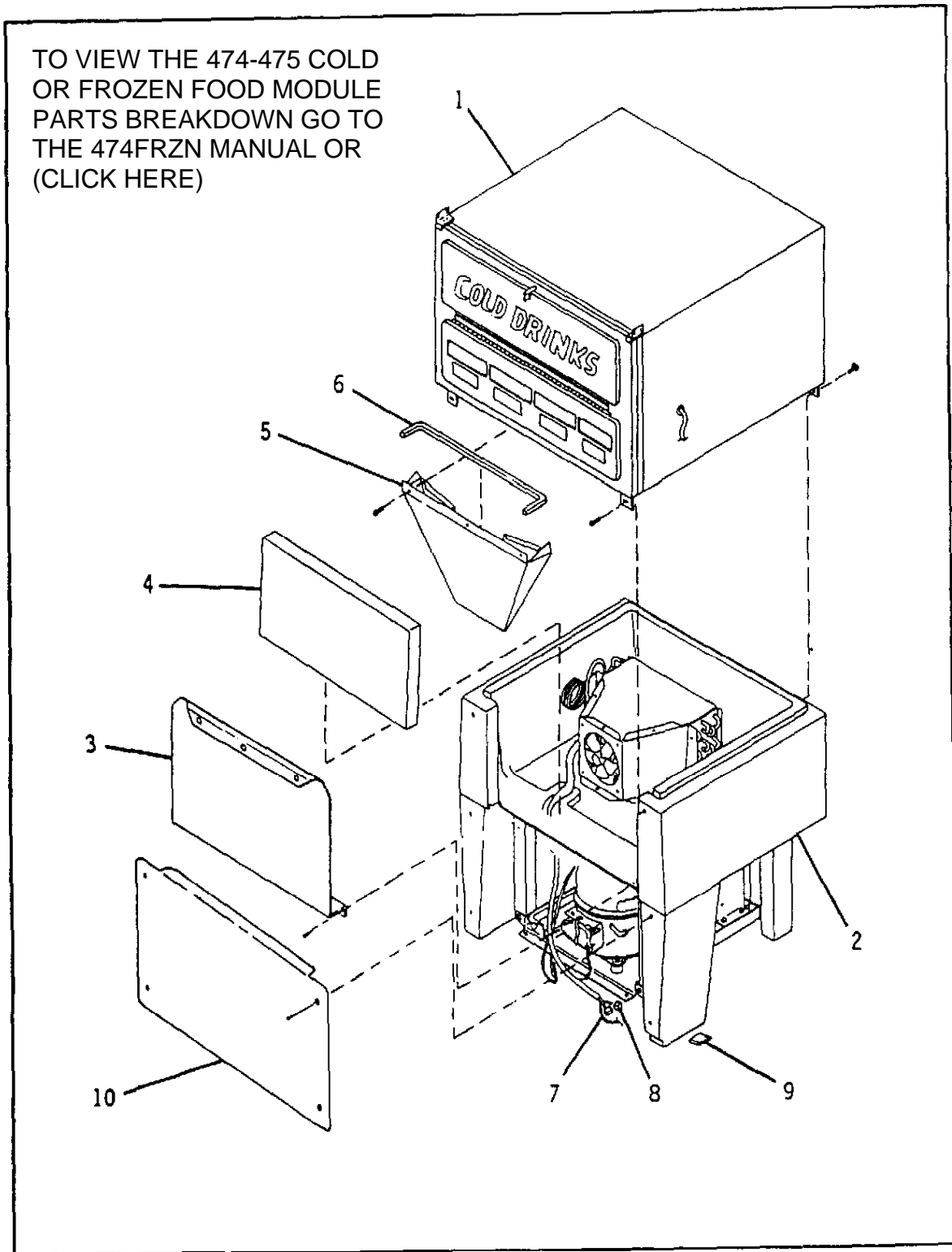


Figure 27. Can and Refrigeration Module - 4 and 8 Selection

FIGURE- INDEX NUMBER	DESCRIPTION	8 SELECTION		4 SELECTION	
		PART NO.	QTY.	PART NO.	QTY.
27-	Can and Refrigeration Module - 8 Selection (See Figure 3, Index 3-6 for Next Higher Assembly)	-----	1	N/A	
	Can and Refrigeration Module - 4 Selection (See Figure 3, Index 3-6 for Next Higher Assembly)	N/A		-----	1
27-1	Can Module - 8 Selection (See Figure 29 for Breakdown) (Screw #8-18 x 3/8, Hex W/Hd)	4747000	1	N/A	
		4721035	2		
	Can Module - 4 Selection (See Figure 29 for Breakdown) (Screw #8-18 x 3/8, Hex, W/Hd)	N/A		4747500	1
		N/A		4721035	2
27-2	Refrigeration Module Assembly (See Figure 28 for Breakdown)	7844015	1		
27-3	Retainer - Door (Screw #8-18 x 3/8, Hex W/Hd)	4744042	1		
		4721035	3		
27-4	Door - Refrigeration Module	4744027	1		
27-5	Duct Assembly - Air Distribution (Screw #8-18 x 3/8, Hex W/Hd)	4744024	1		
		4721035	6		
27-6	Gasket - Duct Distribution	4744028	1		
27-7	Harness Assembly - Power to Can Module	4751198	1		
27-8	Harness Assembly - Channel to Can Module	4741205	1		
27-9	Cable Clip - Refreshment Center 2	4741018	1		
27-10	Cover - Compressor (Screw #8-18 x 5/8, Hex W/Hd)	4741213	1		
		4727144	4		
	Cover - Compressor(Used with 475 merchandiser only)(Not Shown) (Screw #8-32 x 5/16, Hex Hd, T/F, Black)	4751136	1		
		1451097	9		
	Label - Warning(Used with Index 10)	6231189	1		
	<u>THE FOLLOWING IS AVAILABLE AS AN ASSEMBLY:</u>				
	Duct and Gasket Assembly(Includes index 5 and 6)	4744023	1		

FIGURE- INDEX NUMBER	DESCRIPTION	8 & 4 SELECTION	
		PART NO.	QTY.
28-	Refrigeration Module Assembly (See Figure 27, Index 27-2 for Next Higher Assembly)	4744099	Ref
28-1	Shroud - Evaporator Fan (Screw #8-18 x 3/8 LGM)	4744045	1
		4721035	7
28-2	Fan - Evaporator (Screw #8-32 x 3/8 RHS) (Nut #8-32 W/LW)	4724124	1
		9900019	4
		9900081	4
28-3	Gasket - Shroud	4744015	4
28-4	Shroud - Top (Screw #8-18 x 3/8 LGM)	4744020	1
		4721035	3
28-5	PCB Assembly - Temperature Sensor (Spacer - Chassis to PCB - 1/4)	9989548	1
		9989430	4
28-6	Plate - Temperature Sensor (Screw #8-18 x 3/8 LGM)	4744030	1
		4721035	1
28-7	Clip - Wire Harness (Screw #8-18 x 3/8 LGM)	1452139	1
		4721035	1
28-8	Drain - Water Bath	3128063	1
28-9	Gasket - Refrigeration Module	4744017	1
28-10	Housing - Refrigeration Module	4744002	1
28-11	Retainer - Harness (Screw #8-18 x 3/8 LGM)	4732024	1
		4721035	1
28-12	Drain - Condensate	4301034	1
28-13	PCB Assembly - Cold Can Module (Screw #8-18 x 5/8 Hex Hd) (Screw #8-18 x 2.00, Tapping HHS) (Speed Nut - Ballast)	4744563	1
		4727144	3
		4744056	1
		2221032	1
28-14	Insulator - PCB	4744032	1
28-15	Evaporator Tube Assembly	4744005	1
28-16	Condensor (Screw #8-18 x 3/8 LGM)	4744062	1
		4721035	4
28-17	Compressor - 1/6 HP (Nut #1/4-20) (Washer - Steel - 3/4 OD x 1/4 ID) (Grommet 11/16 Long) (Sleeve - 23/32 Long)	4724079	1
		1211105	4
		1140351	4
		4724066	4
		4724070	4
28-18	Strap - Bale - A.E.T.	3144055	1
28-19	Cover - Terminal - DS - A.E.T.	3144057	1
28-20	Spring - Overload - A.E.T.	3144052	1
28-21	Relay	4724065	1

FIGURE- INDEX NUMBER	DESCRIPTION	8 & 4 SELECTION	
		PART NO.	QTY.
28-22	Overload - 143FG	4724067	1
28-23	Shroud - Condensor Fan (Clip - Speed - Dart Style)	3608146	1
		4043082	4
28-24	Bracket - Condensor Motor (Nut #1/4-20 KEPS)	4744009	1
		1211105	2
28-25	Motor - Condensor Fan (Screw #8-32 x 3/8 Hex W/Hd)	3608235	1
		3157060	4
28-26	Blade - Condensor Fan FV-70 (Nut - Speed #1/4-20)	3608149	1
		4043122	1
28-27	Silencer - Fan - Morrill - S-584(Included with Index 25)	4043121	1
28-28	Pan - Condensate	4744022	1
28-29	Base and Stud Assembly - Condensing (Bolt #1/4-20 x 1-1/2 Hex Hd) (Washer - Steel - 3/4 OD x .264 ID) (Nut - Self-locking, #1/4-20)	4744046	1
		3608119	2
		1140351	4
		9900184	2
28-30	Harness - Compressor (Not Shown)	4744089	1
28-31	Wiretie (Not Shown)	2204513	4
28-32	Label - Caution - Refrigeration	4304001	1
28-33	Label - Refrigerant	4304192	1
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>		
	Shroud and Fan Assembly - Evaporator (Consists of Index 28-1 thru Index 28-4)	4744010	1
	Temperature Sensor Assembly - Cover and (Consists of Index 28-5 and Index 28-6)	4744029	1
	Housing and Refrigeration Module Assembly (Consists of Index 28-8 thru Index 28-12)	4744001	1
	Refrigeration Module Assembly (Consists of Index 28-15 thru Index 28-31)	4744091	1
	Compressor Package (Consists of Index 17 thru Index 22)	4744081	1

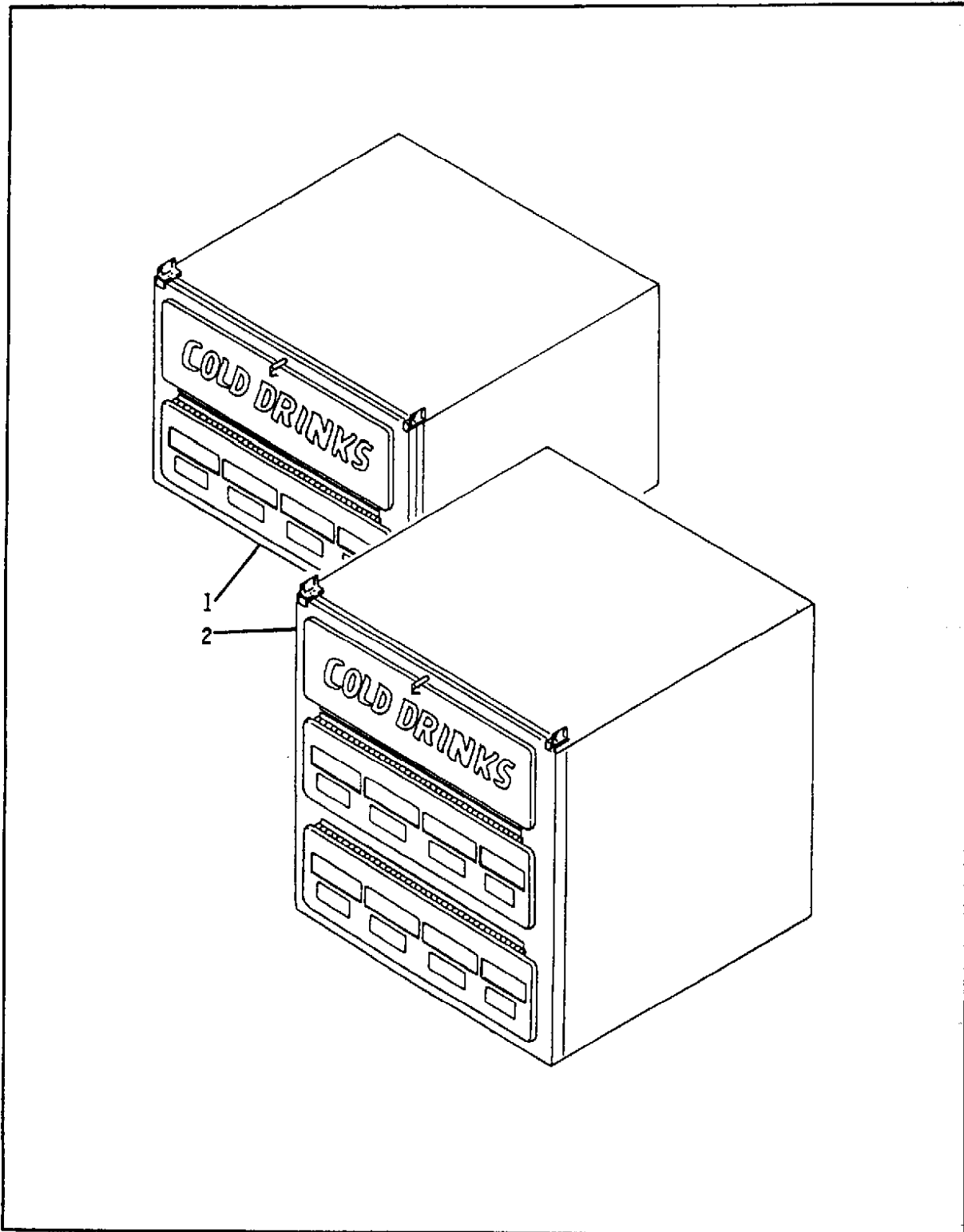


Figure 29. Can Module - 4 and 8 Selection

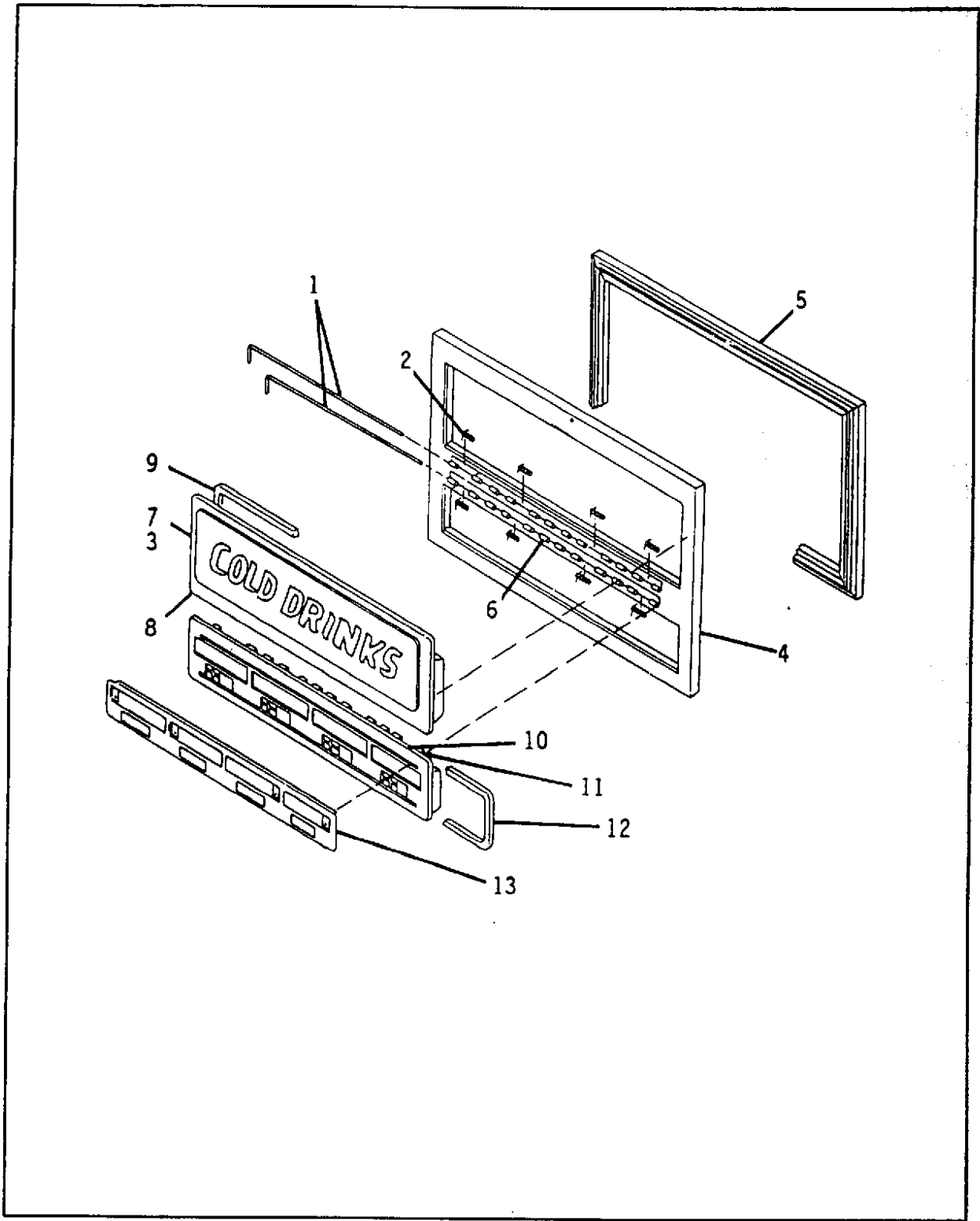


Figure 30. Frame Assembly - 4 and 8 Selection

FIGURE- INDEX NUMBER	DESCRIPTION	8 SELECTION		4 SELECTION	
		PART NO.	QTY.	PART NO.	QTY.
30-	Frame Assembly - 8 Selection (See Figure 29, Index 29-1 for Next Higher Assembly)	4747065	Ref	N/A	
	Frame Assembly - 4 Selection (See Figure 29, Index 29-1 for Next Higher Assembly)	N/A		4747523	Ref
30-1	Pin - Hinge	4727005	3		2
30-2	Spring - Door Return	4747064	14		10
30-3	Label - Loading Door Obsolete	4747159	1		
30-4	Frame - Can Module - 8 Selection	4747127	1	N/A	
	Frame - Can Module - 4 Selection	N/A		4747542	1
30-5	Gasket - Frame - 8 Selection	4747003	1	N/A	
	Gasket - Frame - 4 Selection	N/A		4747503	1
30-6	Hinge - Delivery Door (Screw #6-19 x 3/8 PHS, T/C) (Nut 1.060 long, BLK)	4747121 2226380 4747128	3 6 6		2
30-7	Door - Loading	4747133	1	4747544	1
30-8	Hinge - Door (Screw #6-19 x 3/8 PHS, T/C) (Nut .343 long, BLK)	4747122 2226380 4747131	1 5 5		
30-9	Gasket - Loading Door	4747014	1	N/A	
	Gasket - Delivery Door	N/A		4747009	1
30-10	Door - Delivery	4747130	2		1
30-11	Hinge - Door (Screw #6-19 x 3/8 PHS, T/C) (Nut .343 long, BLK)	4747122 2226380 4747131	2 5 5		1
30-12	Gasket - Delivery Door	4747009	2		1
30-13	Retainer - Label (Screw #6-32 x 1/4 PHS)	4747111 9900124	1 4		
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>				
	Frame and Support Assembly - 8 Selection (Consists of Index 30-4 thru Index 30-6)	4747126	1	N/A	
	Frame and Support Assembly - 4 Selection (Consists of Index 30-4 thru Index 30-6)	N/A		4747541	1
	Door Assembly - Loading (consists of Index 30-7 thru Index 30-9)	4747132	1	4747543	1
	Door Assembly - Delivery (Consists of Index 30-10 thru Index 30-13)	4747129	2		1

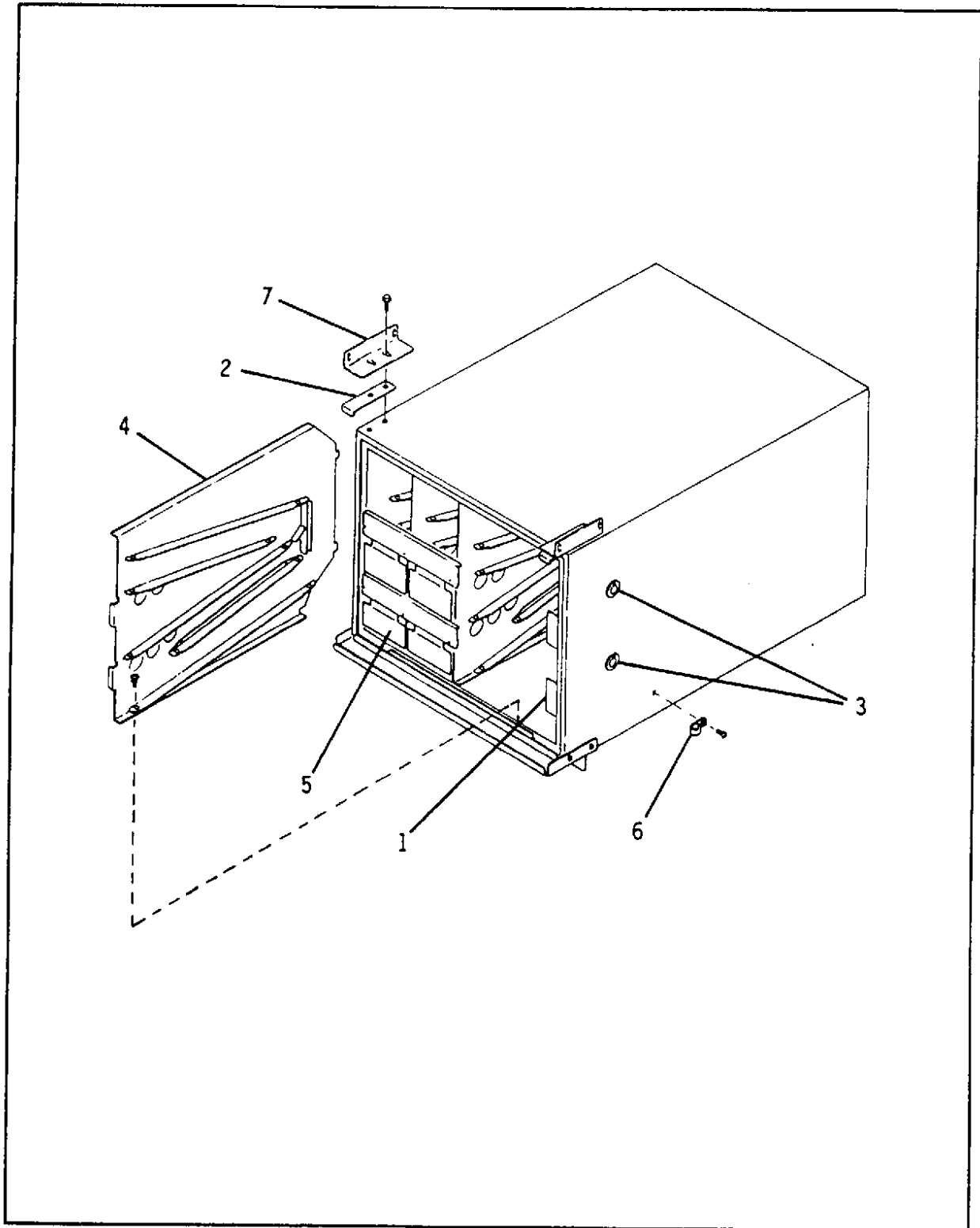


Figure 31. Can Module Assembly

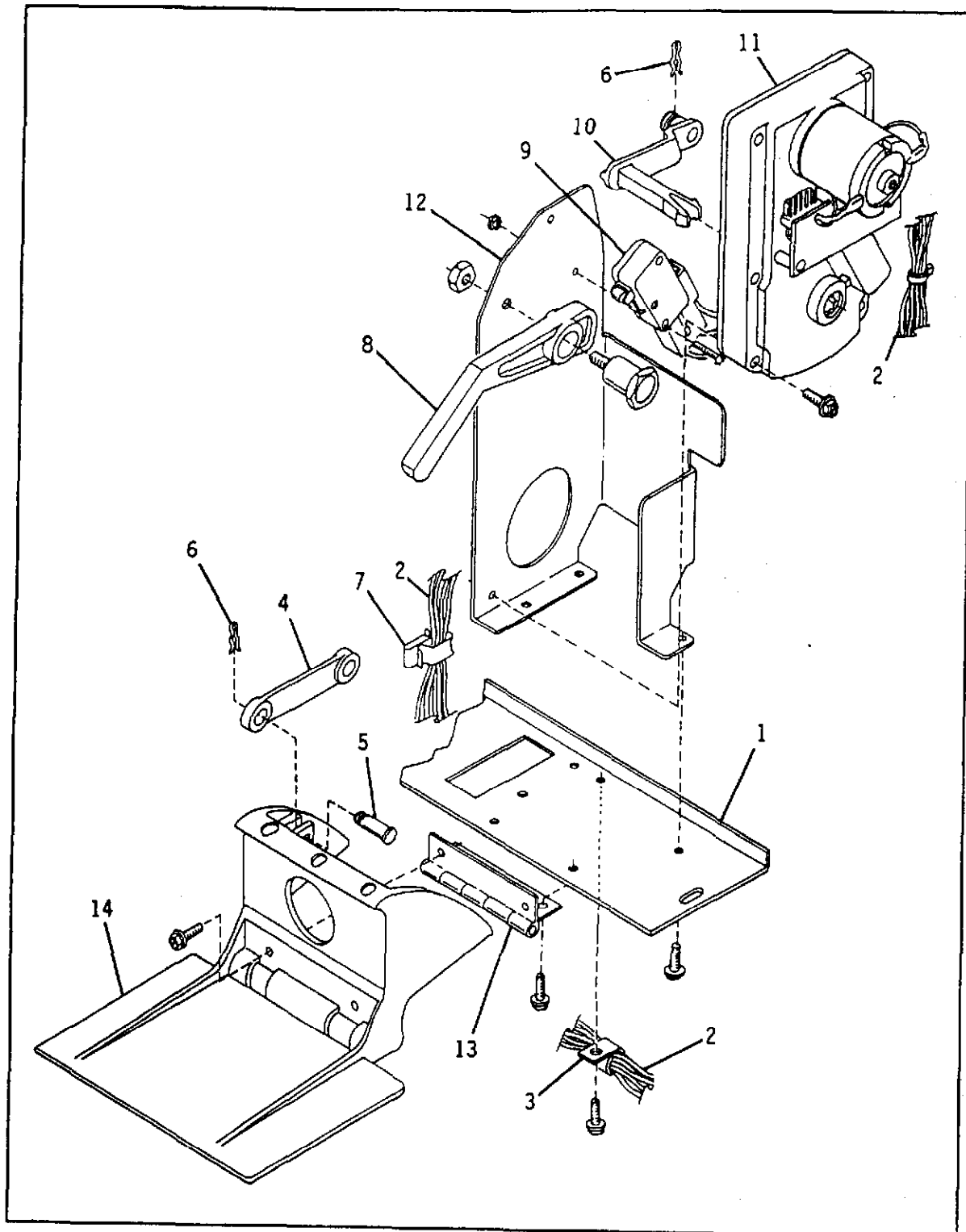


Figure 32. Motor and Ejector Mounting Channel Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	8 & 4 SELECTION	
		PART NO.	QTY.
32-	Mounting Channel Assembly - Motor and Ejector (See Figure 31, Index 31-5 for Next Higher Assembly)	4747028	Ref
32-1	Channel - Motor and Ejector Mounting	4747029	1
32-2	Harness - Ejector Channel	4747032	1
32-3	Clip - Wire Harness (Screw #8-32 x 5/16, Hex W/Hd, T/F)	2342315	8
		3157060	1
32-4	Arm - Ejector Drive	4747030	4
32-5	Pivot Pin - Ejector Cam	4747031	4
32-6	Pin - Cotter - Hair Pin	2204092	8
32-7	Clip - Wire	1212159	1
32-8	Switch Actuator - Sold Out (Stud - Tray Roller #10-32) (Nut - Self-Locking #10-32)	4747036	1
		1457099	1
		1407048	1
32-9	Switch - Roller - Lever (Screw #4-40 x 5/8 RHS) (Nut #4-40 W/LW)	2366091	1
		1217160	4
		1217159	4
32-10	Cam - Ejector Drive	4747035	1
32-11	PCB and Motor Assembly (Screw #8-32 x 13/16, Hex Hd, T/F)	1577035	1
		1457027	4
32-12	Bracket - Motor Mounting (Screw #8-32 x 5/16 Hex W/Hd, T/F)	4747034	1
		3157060	3
32-13	Hinge - Ejector (Screw #8-32 x 5/16, Hex W/Hd, T/F)	4747038	1
		3157060	2
32-14	Cam - Ejector (Screw #8-32 x 5/16, Hex W/Hd, T/F)	4747606	1
		3157060	2
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>		
	Motor and Bracket Assembly (Consists of Index 32-7 thru Index 32-12)	4747033	4
	Hinge and Cam Assembly - Ejector (Consists of Index 32-13 and Index 32-14)	4747037	1

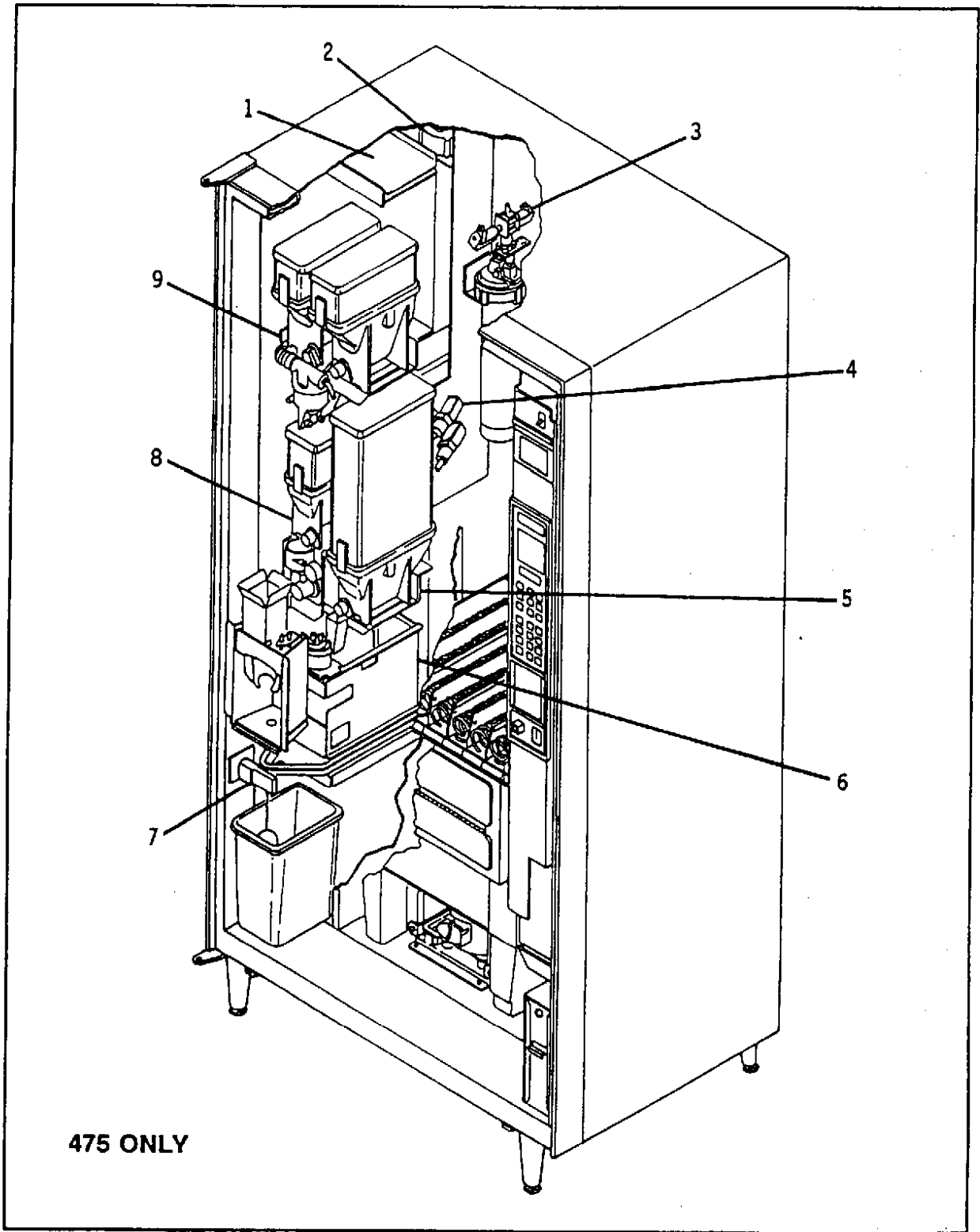


Figure 33. Hot Drink Module (Sheet 1 of 4)

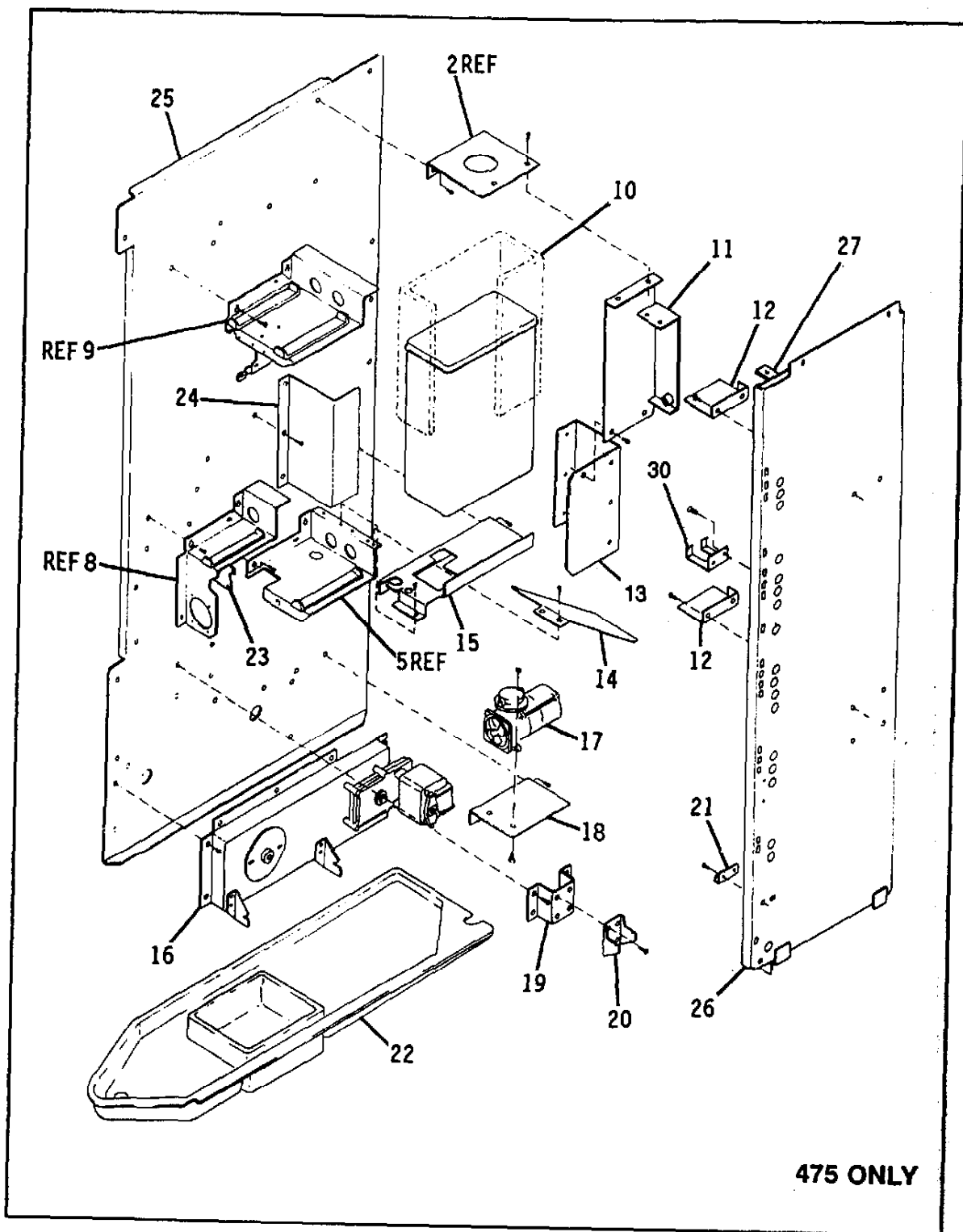


Figure 33. Hot Drink Module (Sheet 2 of 4)

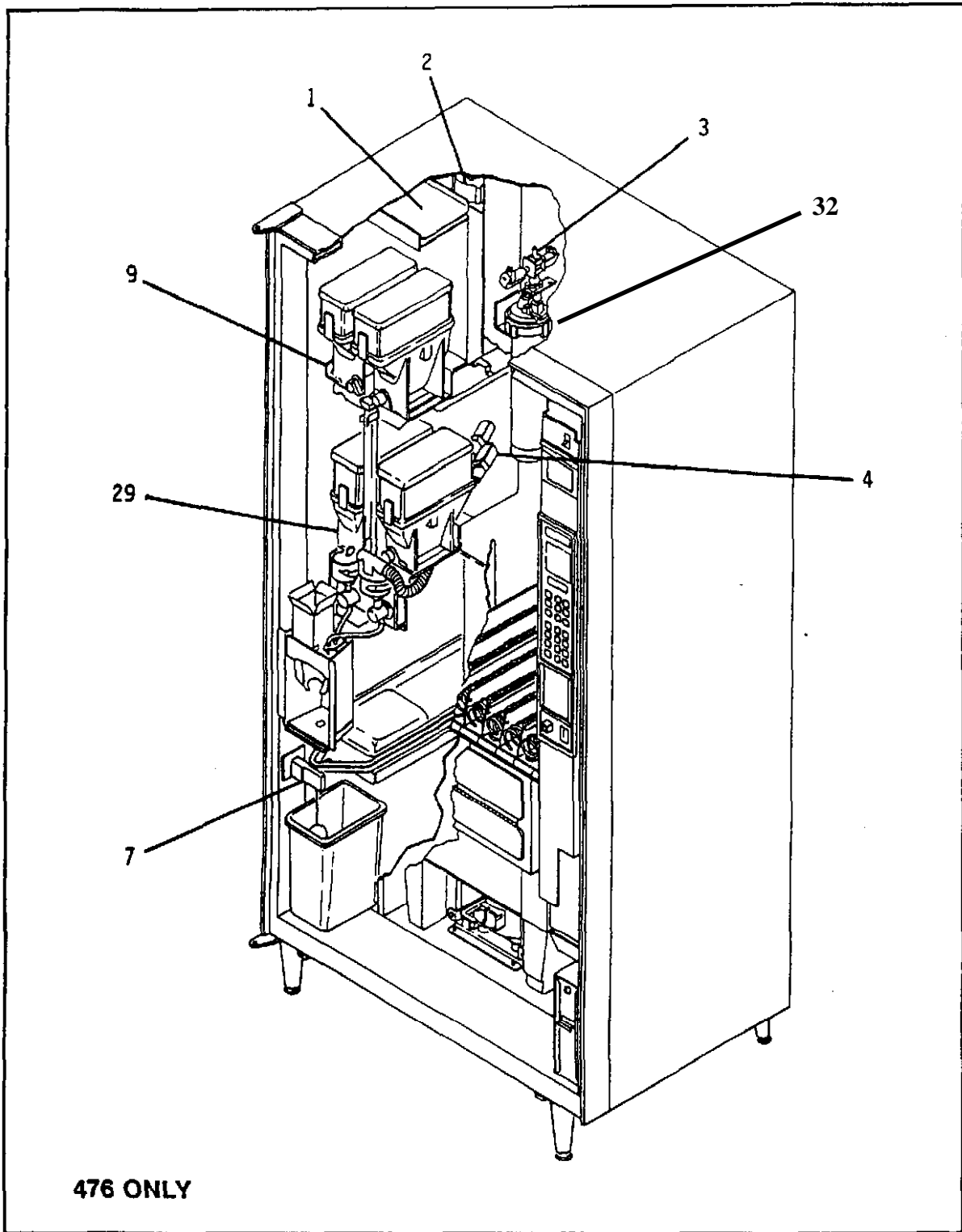


Figure 33. Hot Drink Module (Sheet 3 of 4)

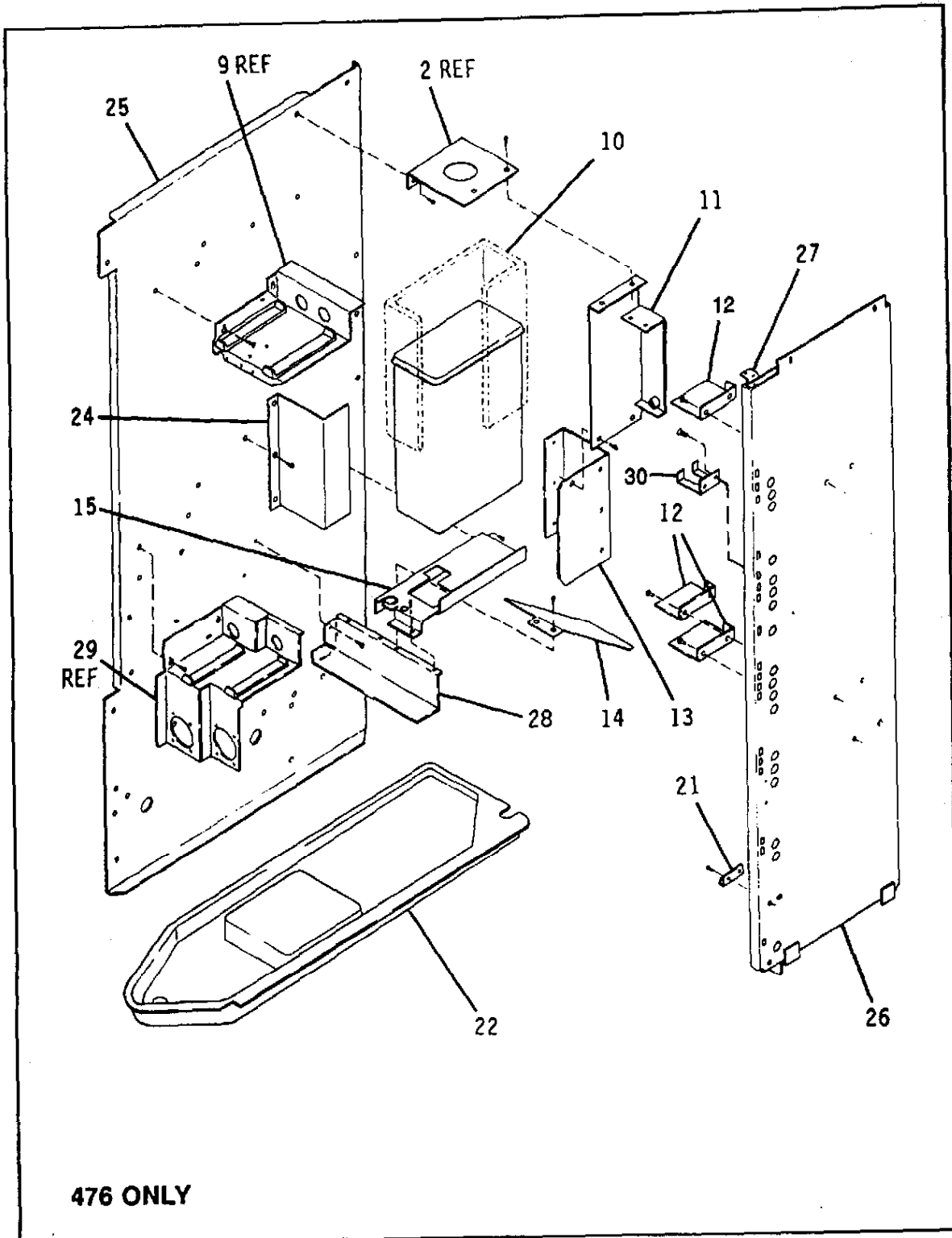


Figure 33. Hot Drink Module (Sheet 4 of 4)

FIGURE- INDEX NUMBER	DESCRIPTION	475		476	
		PART NO.	QTY.	PART NO.	QTY.
33-	Hot Drink Module (See Figure 3, Index 3-7 for Next Higher Assembly)	-----	Ref	-----	Ref
33-1	Controller PCB - Hot Drink (See Figure 35 for Breakdown)	4761038	1		
33-2	Blower and Mounting Assembly (See Figure 47 for Breakdown) (Screw #8-32 x 3/8 Hex W/Hd)	4731051	1		
		3157060	2		
33-3	Inlet Assembly - Water (See Figure 46 for Breakdown)	-----	1		
33-4	Tank Assembly - Water (See Figure 43 for Breakdown)	4731100	1	4761050	1
33-5	Shelf Assembly - Coffee (See Figure 52 for Breakdown) (Screw #8-32 x 3/8, Hex W/Hd)	4751033	1	N/A	
		3157060	3	N/A	
33-6	Brewer Assembly - Tapeless (See Figure 37 for Breakdown)	6204216	1	N/A	
33-7	Switch Assembly - Overflow (See Figure 36 for Breakdown) (Screw #8-32 x 3/8, Hex W/Hd)	4731158	1		
		3157060	4		
33-8	Shelf Assembly - Chocolate (See Figure 55 for Breakdown) (Screw #8-32 x 3/8, Hex W/Hd)	-----	1	N/A	
		3157060	4	N/A	
33-9	Dry Ingredient System (See Figure 48 for Breakdown) (Screw #8-32 x 3/8, Hex W/Hd)	-----	1		
		3157060	3		
33-10	Insulation - Water Tank	4731078	1		
33-11	Coupling and Bracket(Part of Index 3) (Screw #8-32 x 3/8, Hex W/Hd)	4751019	1		
		3157060	2		
33-12	Support - Shelf (Screw #8-32 x 3/8, Hex W/Hd) (Screw #8-32 x 5/16, Hex Hd,T/F)	4731017	2		3
		3157060	2	N/A	
		N/A		1451097	2
33-13	Retainer - Tank - Rear (Screw #8-32 x 3/8, Hex W/Hd)	4731120	1		
		3157060	5		
33-14	Shield - Water Tank (Screw #8-32 x 3/8, Hex W/Hd)	4731077	1		
		3157060	2		
33-15	Shelf - Water Tank (Screw #8-32 x 3/8, Hex W/Hd)	4751021	1		
		3157060	4		
33-16	Drive Assembly - Brewer (See Figure 42 for Breakdown) (Screw #8-32 x 3/8, Hex W/Hd)	4731282	1	N/A	
		3157060	7	N/A	

FIGURE- INDEX NUMBER	DESCRIPTION	475		476	
		PART NO.	QTY.	PART NO.	QTY.
33-17	Compressor Assembly (Screw #8-32 x 3/4 RHS) (Nut #8-32 KEPS)	6154280	1	N/A	
		9900115	2	N/A	
		9900081	2	N/A	
33-18	Bracket - Compressor (Screw #8-32 x 3/8, Hex W/Hd)	4731074	1	N/A	
		3157060	2	N/A	
33-19	Bracket - Brewer Hanger (Screw #10-32 x 3/8, Acorn, Hex W/Hd)	4731080	1	N/A	
		1141046	3	N/A	
33-20	Hanger - Brewer	6504209	1	N/A	
33-21	Bracket - Latch (Screw #8-32 x 3/8, Hex W/Hd)	4751072	1		
		3157060	2		
33-22	Tray - Center Pan	4751024	1	4761019	1
33-23	Bracket and Control Assembly (See Figure 54 for Breakdown) (Screw #8-32 x 3/8, Hex W/Hd)	4751073	1	N/A	
		3157060	2	N/A	
33-24	Retainer - Water Tank (Screw #8-32 x 3/8, Hex W/Hd)	4761095	1		
		3157060	3		
33-25	Panel - Coffee Module	4751161	1		
33-26	Liner Assembly - LH(See Figure 9, Index 12)	4761046	Ref		
33-27	Angle - Liner Support (Screw #8-32 x 5/16, Hex Hd, T/F)	4751071	1		
		1451097	2		
33-28	Support - Water Tank (Screw #8-32 x 3/8, Hex W/Hd)	N/A		4761022	1
				3157060	3
33-29	Shelf Assembly - Chocolate/Freeze Dry Coffee (See Figure 57 for Breakdown) (Screw #8-32 x 3/8, Hex W/Hd)	N/A		-----	1
		N/A		3157060	4
	<u>OPTION</u>				
33-30	Bracket - Spray Hose Screw #8-32 x 3/8, Hex Hd	6111056	1		
		9900106	2		
33-31	Label - Hot Water (Not shown)(Located below index 30, spray hose bracket)	4752009	1		
33-32	Head Water Filter (was p/n 3158022)	6408134		6408134	

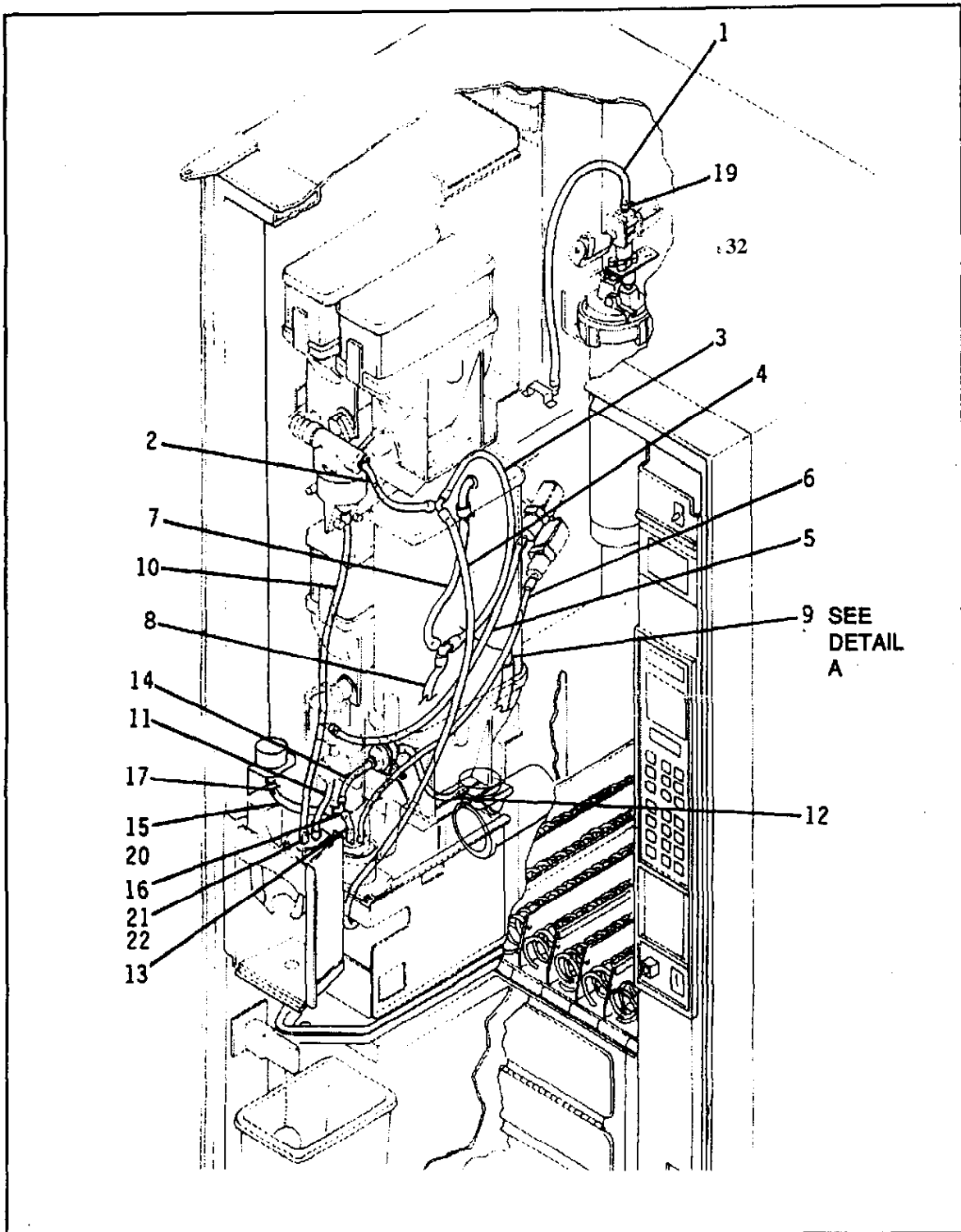


Figure 34. Tube Identification and Routing (Sheet 1 of 2)

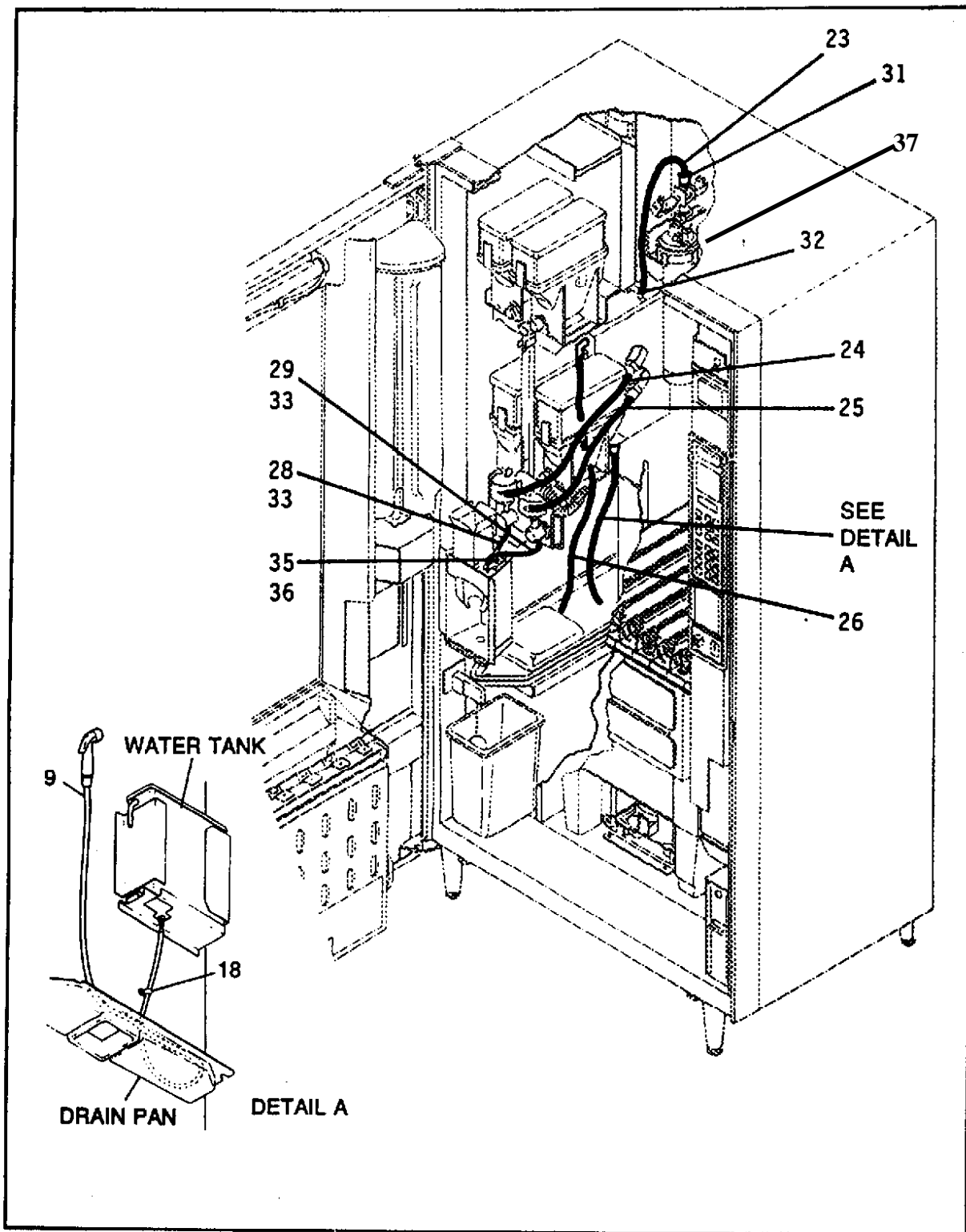


Figure 34. Tube Identification and Routing (Sheet 2 of 2)

FIGURE- INDEX NUMBER	DESCRIPTION	475		476	
		PART NO.	QTY.	PART NO.	QTY.
34-	Tube Identification and Routing (See Figure 33 for Next Higher Assemblies)	-----	Ref	-----	Ref
34-1	Tube - .62 OD x .44 ID x 26 Long (Water Inlet to Water Tank)	6508054	1	N/A	
34-2	Tube - 9/16 OD x 3/8 ID x 4-1/2 Long (Vent Assembly to Dry Ingredient "Y")	4731207	1	N/A	
34-3	Tube - 3/4 OD x 1/2 ID x 32 Long (Dry Ingredient "Y" to Water Tank "Y")	4731203	1	N/A	
34-4	Tube - 7/16 OD x 1/4 ID x 32 Long (Dry Ingredient "Y" to Brewer Funnel)	4731204	1	N/A	
34-5	Tube - .56 OD x .37 ID x 27.5 Long (Water Tank Valve to Chocolate Funnel)	4731131	1	N/A	
34-6	Tube - .56 OD x .37 ID x 20 Long (Water Tank Valve to Brewer Barrel)	6224117	1	N/A	
34-7	Tube - .62 OD x .44 ID x 9.5 Long (Water Tank to Water Tank "Y")	4731116	1	N/A	
34-8	Tube - .62 OD x .44 ID x 16 Long (Water Tank "Y" to Drain)	4731117	1	N/A	
34-9	Spray Hose and Nozzle	6138265	1		
34-10	Tube - 9/16 OD x 3/8 ID x 24 Long (Mixing Bowl to Cup Station Spout)	4731064	1	N/A	
34-11	Tube - 9/16 OD x 3/8 ID x 6-3/4 Long (Chocolate Impeller Housing to Cup Station Spout)	4751068	1	N/A	
34-12	Tube - 5/8 OD x 3/8 ID x 10-1/4 Long (Control and Vent to Compressor)	4751069	1	N/A	
34-13	Tube - 7/16 OD x 1/4 ID x 2-1/2 Long (Brewer Barrel to "Y")	6114248	1	N/A	
34-14	Tube - 7/16 OD x 1/4 ID x 4.5 Long (Control and Vent to "Y")	6134530	1	N/A	
34-15	Tube - 7/16 OD x 1/4 ID x 7-3/4 Long (Gauge to "Y")	4751067	1	N/A	
34-16	"Y" Connector	3017006	1	N/A	
34-17	Clamp - Hose - 7/16	3108151	1	N/A	
34-18	Clamp - Hose	3106144	1		
34-19	Clamp - Hose	6158063	1	N/A	
34-20	Fitting - 1/4 Barb x 1/8 Female - NPT	6204215	1	N/A	
34-21	Spout - Dispensing	6117010	1	N/A	

FIGURE- INDEX NUMBER	DESCRIPTION	475		476	
		PART NO.	QTY.	PART NO.	QTY.
34-22	Caplug - Spout	6117011	1	N/A	
	(INDEX 34-23 THRU INDEX 34-36 USED ON 476 ONLY)				
34-23	Tube - 5/8 OD x 7/16 ID x 26 Long (Water Inlet to Water Tank)	N/A		6508054	1
34-24	Tube - 7/16 OD x 1/4 ID x 21.5 Long (Water Tank Valve to Chocolate Funnel)	N/A		4761052	1
34-25	Tube - 9/16 OD x 3/8 ID x 19 Long (Water Tank Valve to Coffee Bowl)	N/A		4731130	1
34-26	Tube - 5/8 OD x 7/16 ID x 27.5 Long (Water Tank to Drain Pan)	N/A		4761029	1
34-27	DELETED				
34-28	Tube - 9/16 OD x 3/8 ID x 6-3/4 Long (Chocolate Impeller Housing to Cup Station Spout)	N/A		4751068	1
34-29	Tube - 9/16 OD x 3/8 ID x 8.5 Long (Coffee Impeller Housing to Cup Station Spout)	N/A		4761053	1
34-30	DELETED				
34-31	Clamp - Hose	N/A		6158063	1
34-32	Clamp - Hose 11/16 ID	N/A		3106013	1
34-33	Clamp - Hose 19/32 ID	N/A		6111054	2
34-34	Tie - Wire	N/A		5230618	1
34-35	Spout - Dispensing	N/A		6117010	1
34-36	Caplug - Spout	N/A		6117011	1
34-37	Head Water Filter (was p/n 3158022)	6408134		6408134	

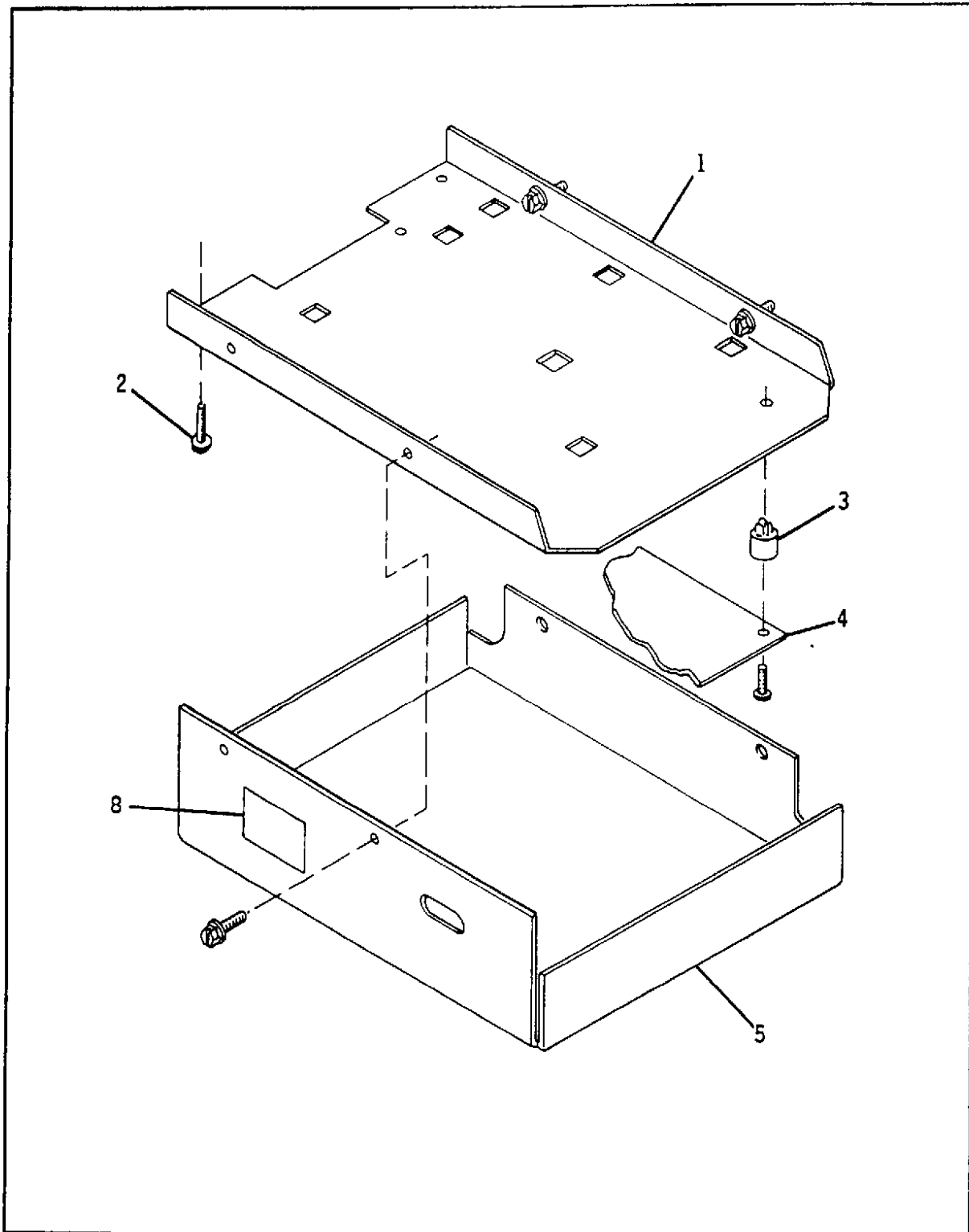


Figure 35. Coffee Module and PCB Chassis Assembly

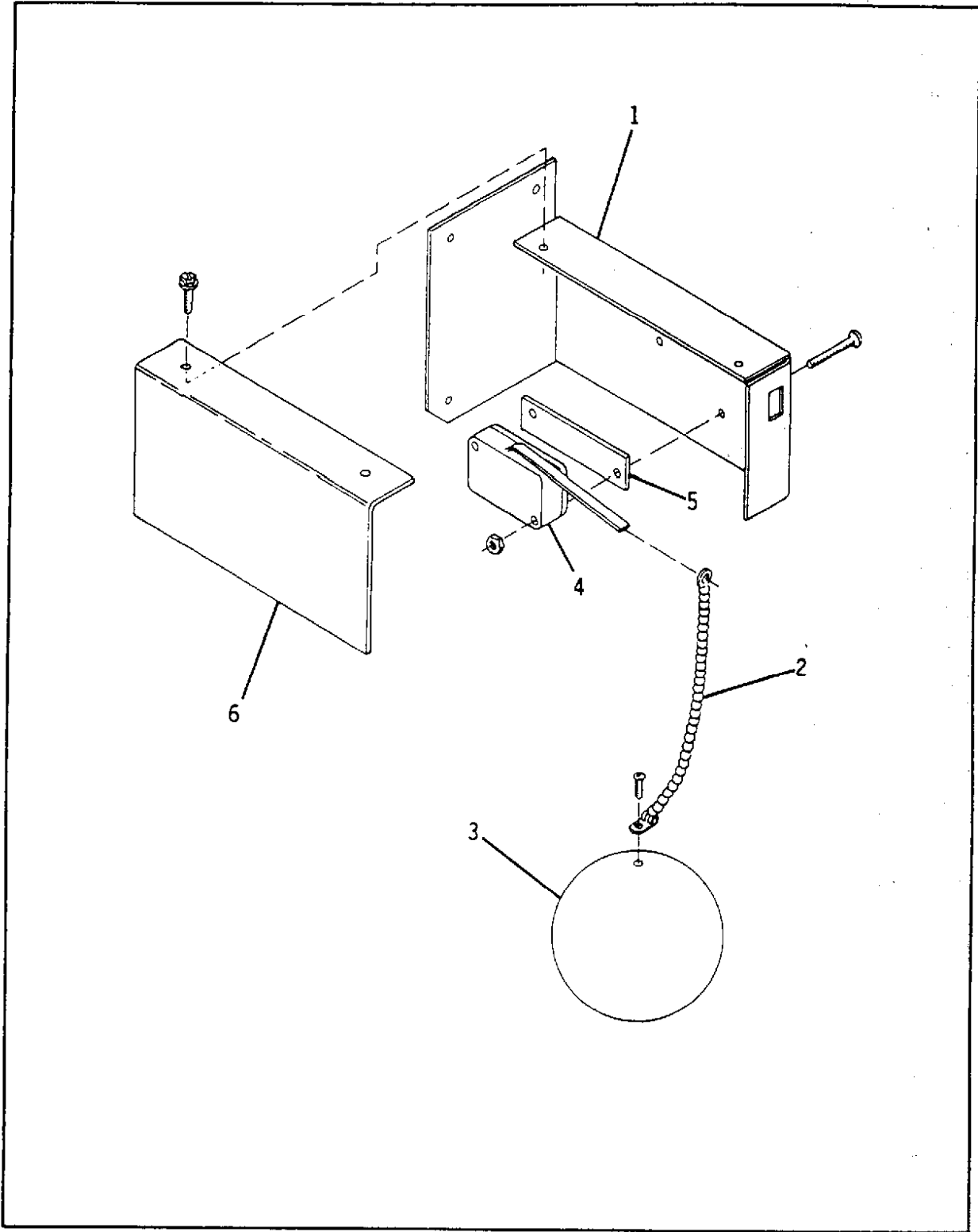


Figure 36. Overflow Switch Assembly

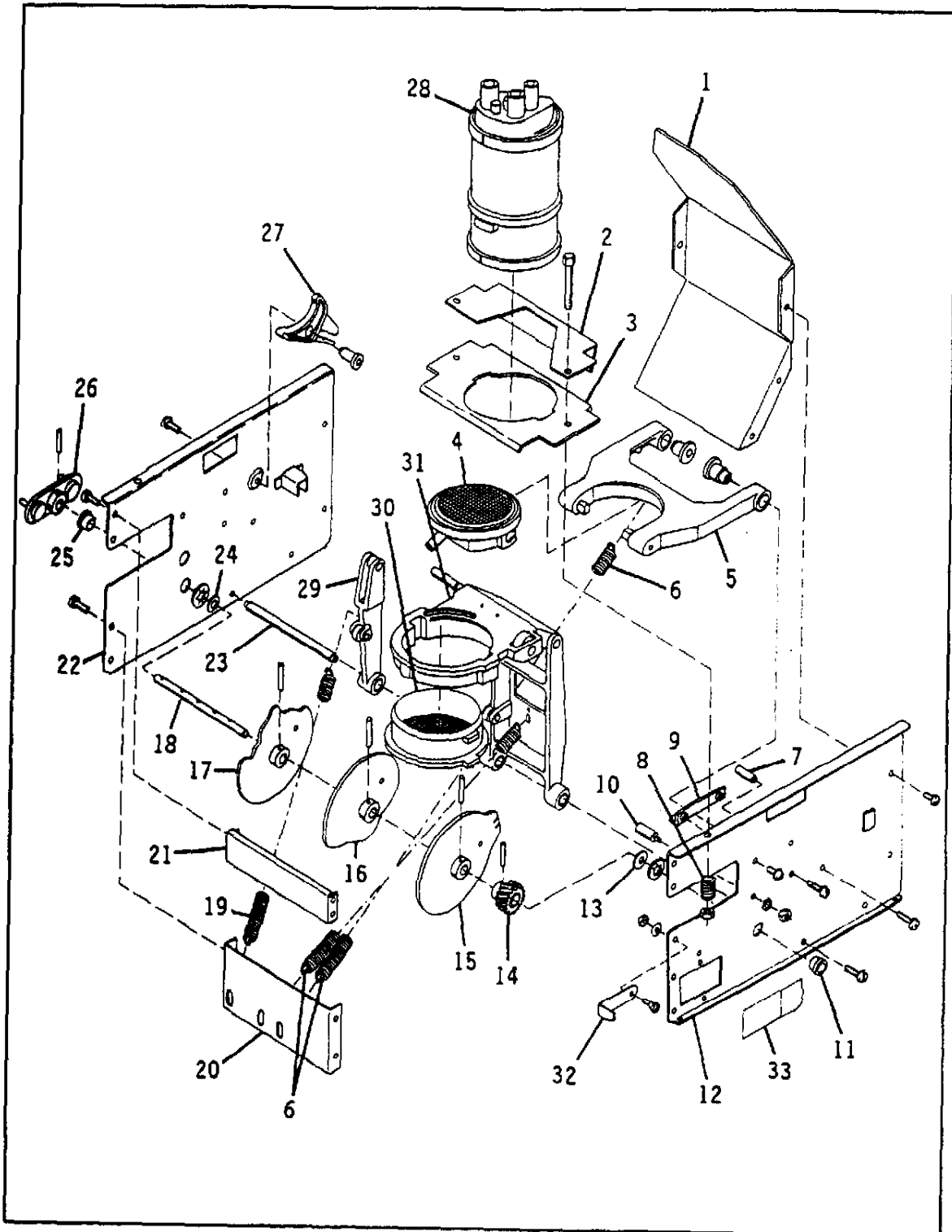


Figure 37. Tapeless Brewer Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	475	
		PART NO.	QTY.
37-	Brewer Assembly - Tapeless (See Figure 33, Index 33-6 for Next Higher Assembly)	6204216	Ref
37-1	Bracket - Rear Spacer (Screw #10-32 x 1/2, PHS, W/LW)	6134112	1
		6104410	8
37-2	Deflector - Tea	3614004	1
37-3	Channel - Barrel Support (Screw #1/4-20, Barrel Support) (Nut #1/4-20, Self-Locking)	6134123	1
		6114277	2
		6104133	2
37-4	Funnel Assembly - 30 Mesh Screen (See Figure 39 for Breakdown)	6134187	1
37-5	Lever Assembly - Funnel Mount (Stud - Pivot) (Screw #10-32 x 1/2 PHS)	6104122	1
		6134104	2
		6104409	2
37-6	Spring - Extension - Travel Lever	6104129	2
37-7	Stop - Travel - Basket Lever (Screw #10-32 x 1/2, PHS, W/LW)	6104126	1
		6104409	1
37-8	Spring - Barrel Support	6234225	2
37-9	Cam - Bracket - Roller (Screw #10-32 x 1/2, PHS, W/LW)	6134102	1
		6104409	2
37-10	Stop - Adjustable - Brewer (Lockwasher - External Tooth - 1/4) (Nut #1/4-20 Hex)	6134157	1
		6134161	1
		6134160	1
37-11	Bushing - Frame	6134105	1
37-12	Frame Assembly - Right Side	6134167	1
37-13	Spacer - Bushing	6134195	1
37-14	Gear - Drive - Filter Tape (Roll Pin 5/32 x 5/8)	6104464	1
		6104216	1
37-15	Cam Assembly - Funnel - Brewer Mechanism (Pin - Groove)	6104201	1
		6104462	1
37-16	Basket - Travel - Cam Assembly - Brewer Mechanism (Pin - Groove)	6104204	1
		6104462	1
37-17	Cam Assembly - Flip - Brewer Mechanism (Pin Groove)	6224106	1
		6104462	1
37-18	Shaft - Cam - Brewer Mechanism (Push Nut - 1/2 inch)	6134122	1
		6134163	2
37-19	Spring - Extension - Flip Lever	6104163	1
37-20	Bracket - Spring - Front Spacer (Screw #10-32 x 1/4 PHS)	6134119	1
		6104410	4

FIGURE- INDEX NUMBER	DESCRIPTION	475	
		PART NO.	QTY.
37-21	Bracket - Front Spacer (Screw #10-32 x 1/4 PHS)	6134120	1
		6104410	4
37-22	Frame Assembly - Left Side	6134111	1
37-23	Shaft - Lever - Brewer Mechanism (Screw #10-32 x 1/2 , PHS, W/LW)	6104165	1
		6104409	2
37-24	Spacer - Bushing	6134195	1
37-25	Bushing - Frame	6134105	1
37-26	Arm Assembly - Coupling (Pin - Groove)	6134127	1
		6104462	1
37-27	Lever - Flip (Screw #10-32 x 1/2, PHS, W/LW) (Stud - Pivot)	6134101	1
		6104409	1
		6134104	1
37-28	Barrel Assembly - Brewer (See Figure 38 for Breakdown)	6134151	1
37-29	Lever Assembly - Flip	6104101	1
37-30	Basket Assembly - Brewer (230 Mesh) Without Paper (See Figure 41 for Breakdown)	6104428	1
37-31	Lever Assembly - Basket (See Figure 40 for Breakdown)	6104386	1
37-32	Latch - Brewer (Used on earlier model Common Brewer PN 4754001 only) (Stud - Retainer - Brewer) (Spring Washer 5/8 OD x 1/4 ID) (Nut #8-32 Stainless)	4754002	1
		4754003	1
		9900208	1
		3106215	1
37-33	Label - Brewer Cover Warning	6134199	1
<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>			
	Frame Assembly - Brewer - RH - Tapeless (Consists of Index 37-7 and Index 37-9 thru Index 37-13)	6134149	1
	Shaft Assembly - Cam (Consists of Index 37-14 thru Index 37-18)	6224105	1
	Frame Assembly - Brewer - LH (Consists of Index 37-8, Index 37-22, Index 37-24, Index 37-25 and Index 37-27)	6134179	1

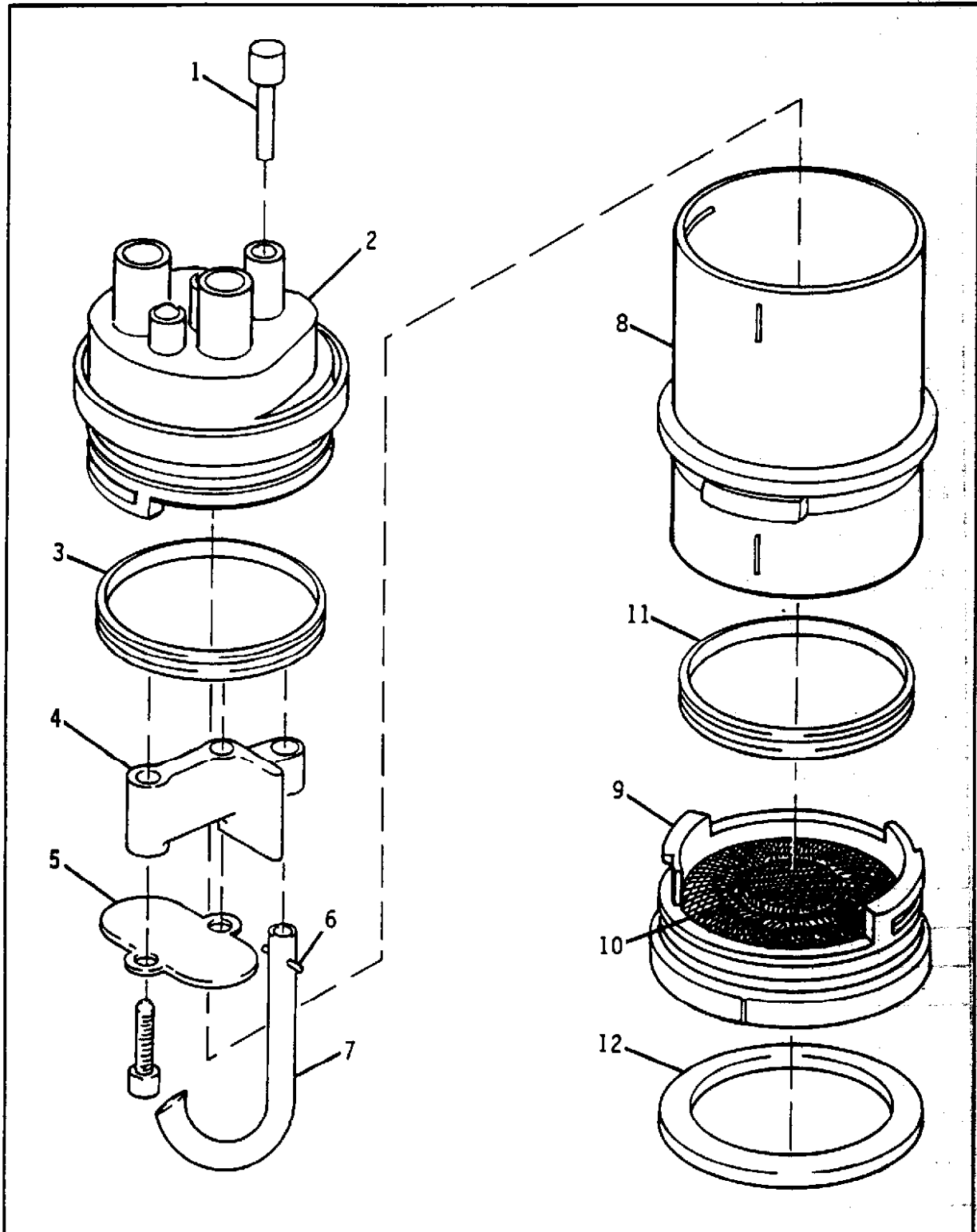


Figure 38. Brewer Barrel Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	475	
		PART NO.	QTY.
38-	Barrel Assembly - Brewer (See Figure 37, Index 37-28 for Next Higher Assembly)	6134151	Ref
38-1	Plug - Brewer Manifold	6134192	1
38-2	Manifold and Insert Assembly - Brewer	6134178	1
38-3	Seal - Quad Ring - Brewer Barrel	6104193	1
38-4	Deflector Manifold	6134154	1
38-5	Valve Manifold (Screw - Shoulder)	6134155 6134173	1 2
38-6	Pin - Roll	6106107	1
38-7	Tube - Air Jet	6134197	1
38-8	Brewer Barrel	6104184	1
38-9	Insert - Brewer Barrel - Lower	6104181	1
38-10	Screen - Brewer Barrel	6134286	1
38-11	Seal - Quad Ring - Brewer Barrel	6104193	1
38-12	Seal - Brewer	6104142	1
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>		
	Manifold Assembly - Hose - Brewer Barrel (Consists of Index 38-1 thru Index 38-3 and Index 38-5)	6134152	1
	Deflector Assembly - Manifold M.E. (Consists of Index 38-4, Index 38-6 and Index 38-7)	6134291	1
	Insert Assembly - Brewer Barrel - Lower (Consists of Index 38-9 thru Index 38-12)	6104190	1

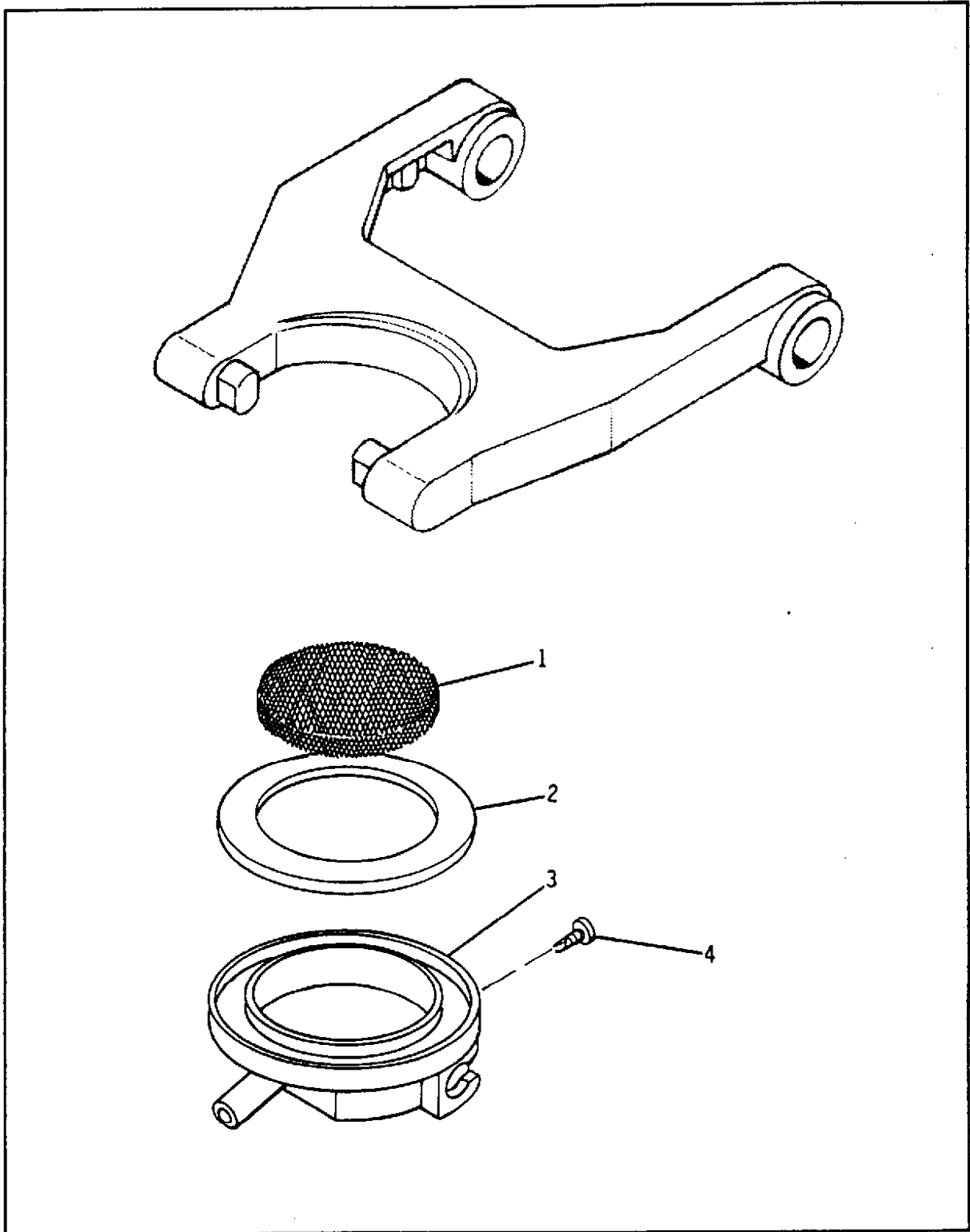


Figure 39. Funnel Assembly

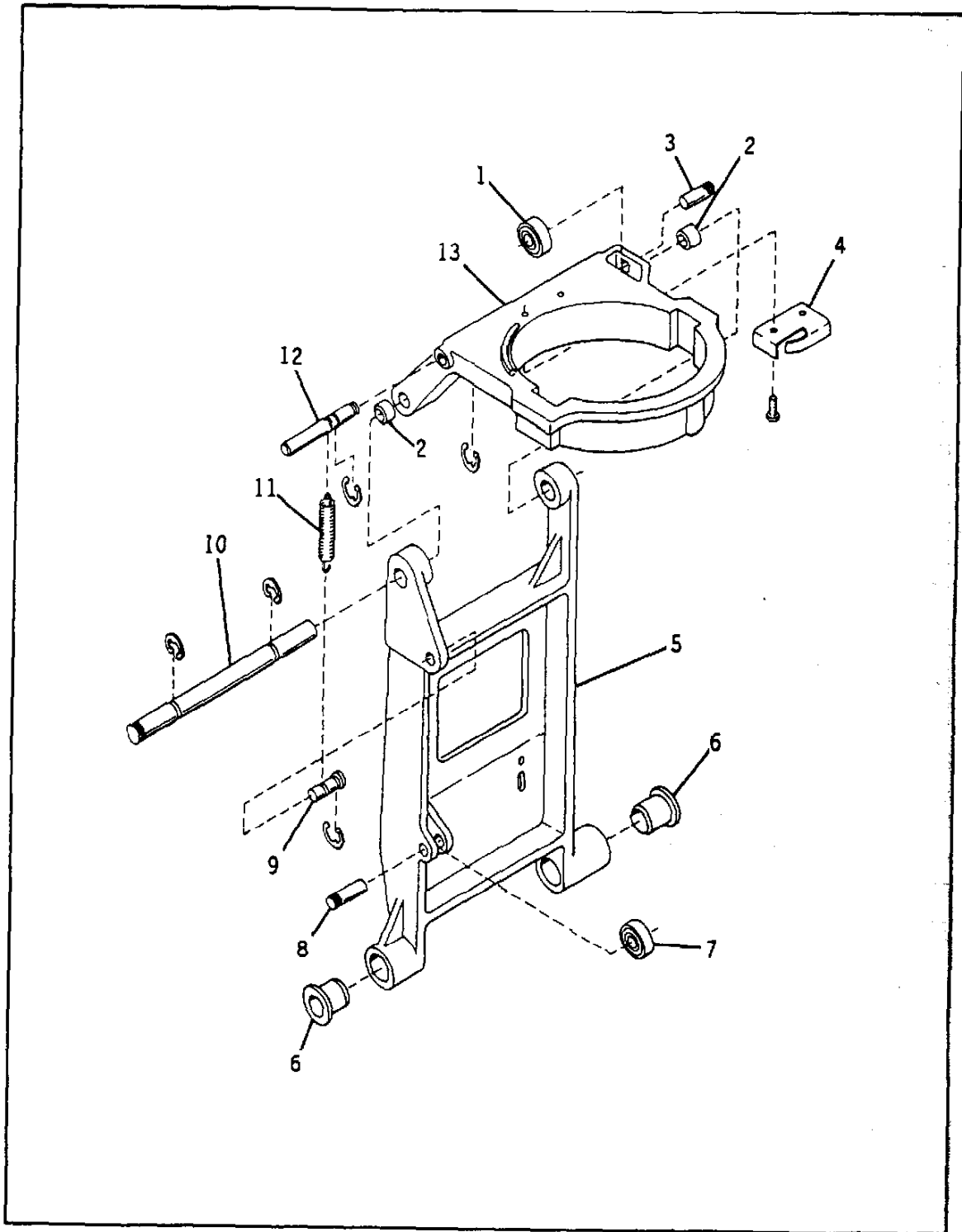


Figure 40. Basket Lever Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	475	
		PART NO.	QTY.
40-	Lever Assembly - Basket (See Figure 37, Index 37-31 for Next Higher Assembly)	6104386	Ref
40-1	Roller Assembly - Shutter	6104019	1
40-2	Bushing - Shutter Roller	6104021	2
40-3	Pin - Roller - Flip Lever	6104104	1
40-4	Stop - Brew Basket (Screw #6-32 x 1/4, PHS, T/C, Stainless)	6104384 6204211	1 2
40-5	Lever - Basket Travel	6104112	1
40-6	Bushing - Basket Travel Lever	6104472	2
40-7	Roller Assembly - Shutter	6104019	1
40-8	Pin - Roller - Flip Lever	6104104	1
40-9	Post - Spring - Short (Retaining Ring - "E" type - 1/4)	6134065 3103029	1 1
40-10	Shaft - Pivot - Basket Lever (Retaining Ring - "E" type - 1/4)	6104115 3103029	1 2
40-11	Spring - Extension - Basket Lever	6104111	1
40-12	Post - Spring - Long (Retaining Ring - "E" type - 1/4) (Retaining Ring - Crescent - 1/4)	6134064 3103029 6134063	1 1 1
40-13	Lever - Brewer Basket	6104387	1
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>		
	Lever Assembly - Basket Travel (Consists of Index 40-5 thru Index 40-9)	6134180	1
	Lever Assembly - Brew Basket (Consists of Index 40-1 thru Index 40-4, Index 40-12 and Index 40-13)	6134181	1

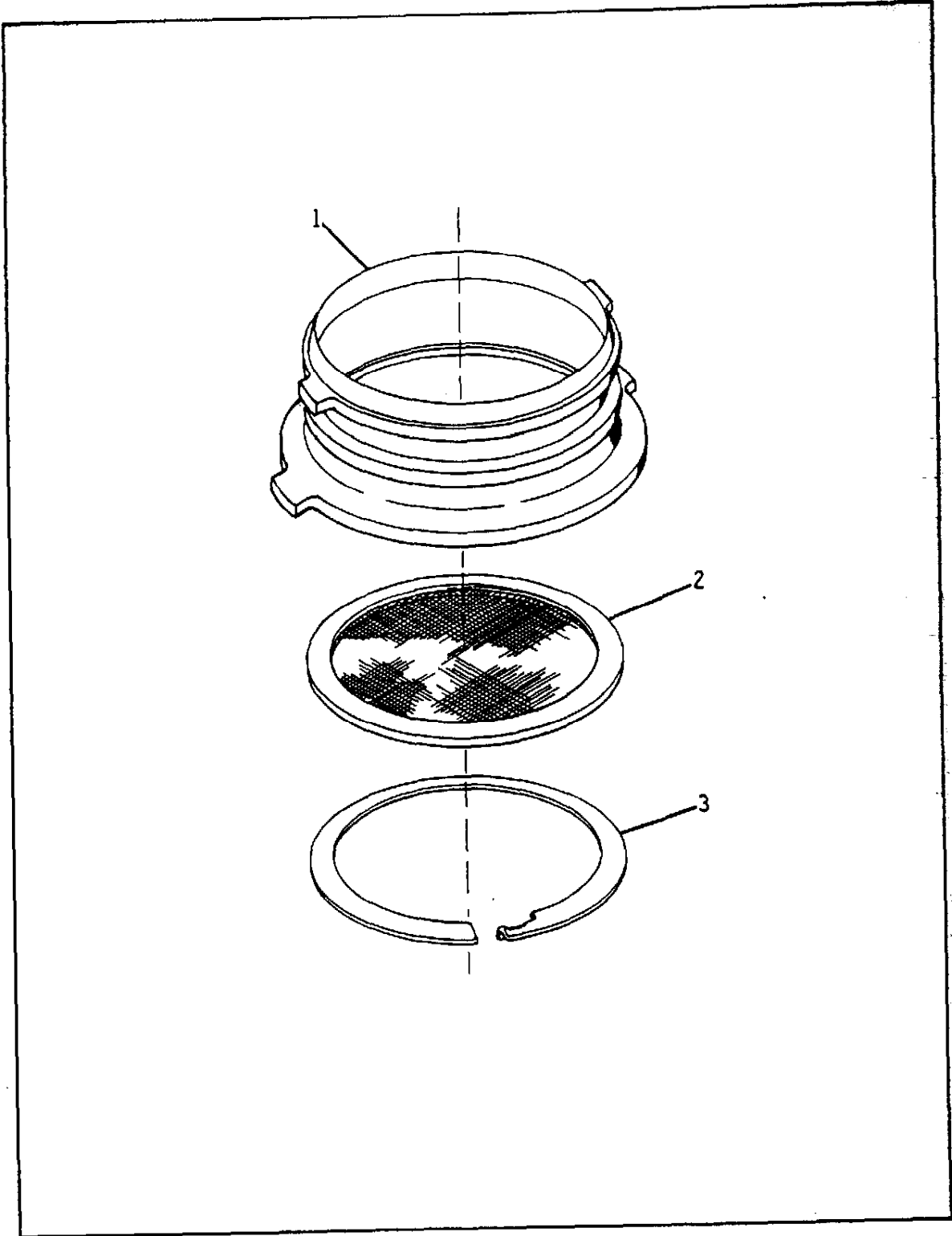


Figure 41. Brewer Basket Assembly

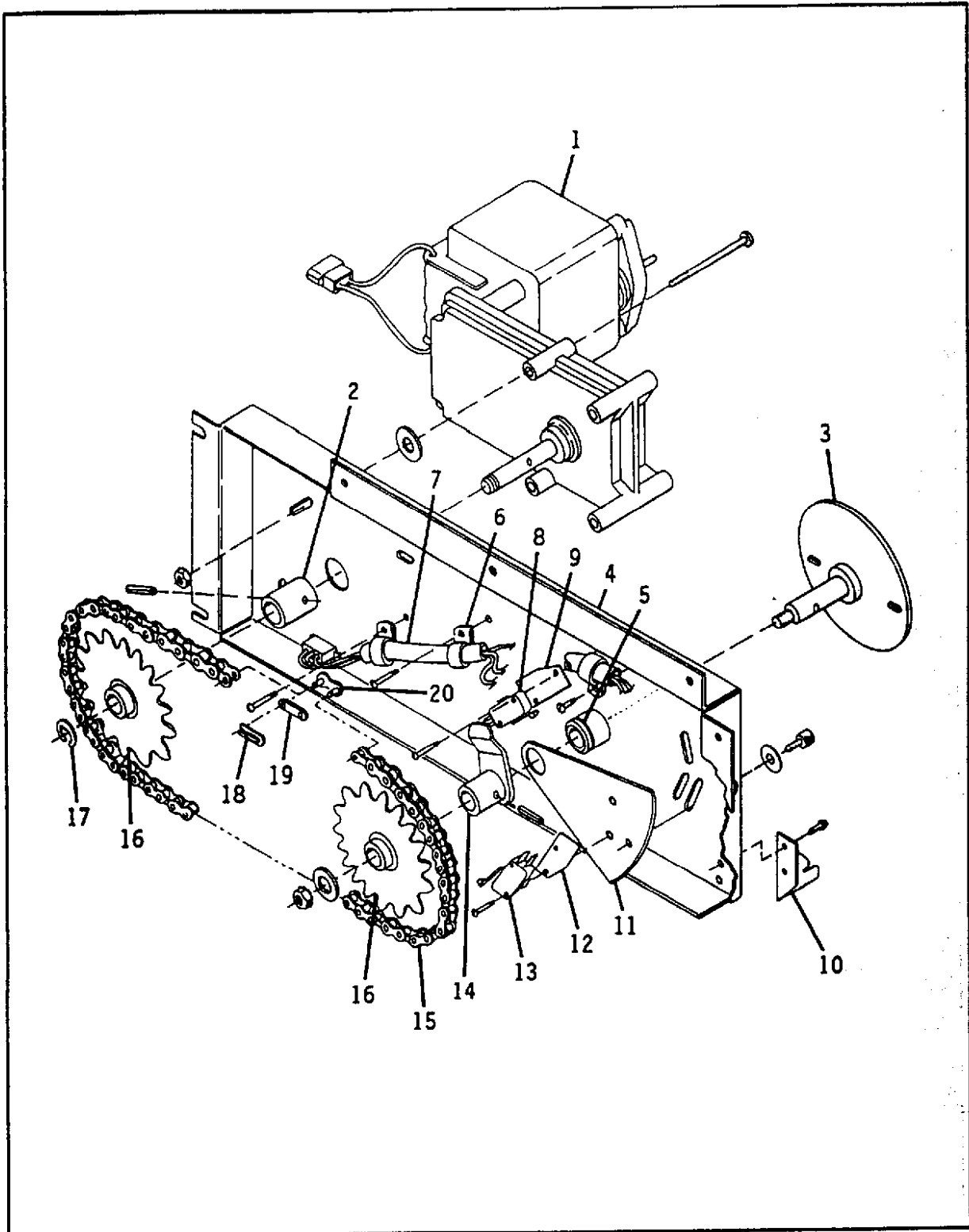


Figure 42. Brewer Drive Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	475	
		PART NO.	QTY.
42-	Drive Assembly - Brewer (See Figure 33, Index 33-16 for Next Higher Assembly)	4731282	Ref
42-1	Motor - Brewer (Screw #10-32 x 1.75 PHS) (Washer - Scavenger Bar) (Nut #10-32 KEPS, Zinc Plated)	4731094	1
		4731070	4
		2204093	4
		9900164	4
42-2	Bushing - Motor (Pin - Roll 3/16 x 1.00)	4731095	1
		6133157	1
42-3	Coupling - Brewer Assembly and Brewer Drive (Nut #1/4-20 Hex, Zinc Plate) (Washer 1/4 ID x 1.00 OD)	4731083	1
		9900043	1
		4731101	1
42-4	Housing Assembly - Brewer Drive	4731280	1
42-5	Bushing - Shoulder	4047012	2
42-6	Clamp - Wire - .302 dia. (Screw #8-32 x 5/16 Hex Hd)	2221049	3
		1451097	1
42-7	Harness - Brewer Housing	4731096	1
42-8	Switch - Roller Lever (Screw #4-40 x 5/8 RHS)	2304109	1
		1217160	2
42-9	Insulator - Switch	2304083	1
42-10	Bracket - Brewer (Screw #8-32 x 5/16 Hex Hd)	4731082	2
		1451097	2
42-11	Plate - Switch Mounting (Thumb Screw - Sidewall) (Washer - Pack Leveler)	4731093	1
		2206028	1
		9900035	1
42-12	Insulator - Switch	2304083	1
42-13	Switch - Roller Lever (Screw #4-40 x 5/8 RHS)	5201091	1
		1217160	2
42-14	Cam Assembly - Switch Actuator (Pin - Roll 3/16 x 1.00)	4731085	1
		6133157	1
42-15	Chain	4731097	1
42-16	Sprocket - Drive	4246171	2
42-17	Retaining Ring - "E" type	9900437	1
42-18	Retainer - Master Link	4047178	1
42-19	Link - Master	4047177	1
42-20	Link and Pin Assembly - Master	4047176	1

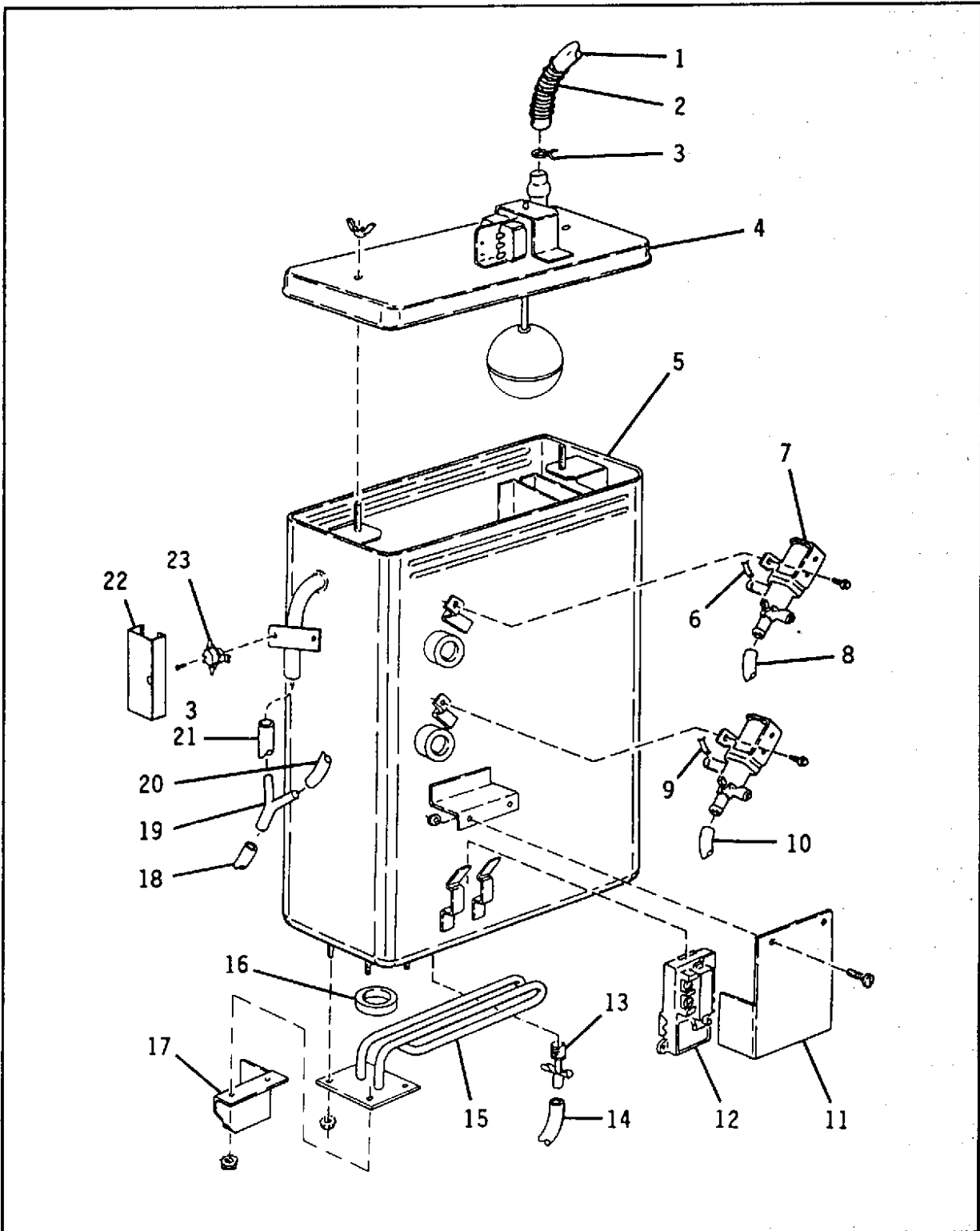


Figure 43. Water Tank Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	475		476	
		PART NO.	QTY.	PART NO.	QTY.
43-	Water Tank Assembly (See Figure 33, Index 33-4 for Next Higher Assembly)	4731100	Ref	4761050	Ref
43-1	Tube - .62 OD x .44 ID x 26 Long	6508054	1		
43-2	Coil - Tube Support	3508126	1		
43-3	Clamp - Hose	3106013	2		
43-4	Top Assembly - Water Tank (See Figure 44 for Breakdown) (Wing Nut - 1/4-20, Zinc Die)	6508031	1		
		6158053	2		
43-5	Water Tank	4731108	1		
43-6	Tube - .25 OD x .12 ID x 5.75 Long	6508057	1		
43-7	Valve Assembly - Hot Water (See Figure 45 for Breakdown) (Screw #10-32 x 3/8, PHS, T/C)	6230108	2		
		1141046	2		
43-8	Tube - .56 OD x .37 ID x 27.5 Long	4731131	1	N/A	
	Tube - .56 OD x .37 ID x 21.5 Long	N/A		4761052	1
43-9	Tube - .25 OD x .12 ID x 10.5 Long	6508056	1		
43-10	Tube - .56 OD x .37 ID x 20 Long	6224117	1	N/A	
		N/A		4731130	1
43-11	Cover - Thermostat (Screw #8-32 x 1/2, PHS, T/C) (Nut #8-32 KEPS, Zinc PLate)	6508044	1		
		6137183	2		
		9900081	2		
43-12	Thermostat - Control	6508004	1		
43-13	Drain Valve - External Seat	6508003	1		
43-14	Tube - .56 OD x .37 ID x 6.5 Long	6157045	1		
43-15	Heater - 1200 Watt (Nut #1/4-20 KEPS)	4751130	1		
		1211105	4		
43-16	Gasket - Heater	6508006	1		
43-17	Cover - Heater Terminal (Nut #1/4-20 KEPS)	4751177	1		
		1211105	2		
43-18	Tube - .62 OD x .44 ID x 16 Long	4731117	1	N/A	
43-19	"Y" Connector - 1/2 OD x 3/8	6158007	1	N/A	
43-20	Tube - .75 OD x .50 ID x 32 Long	4731203	1	N/A	
43-21	Tube - .62 OD x .44 ID x 9.5 Long	4731116	1	N/A	
		N/A		4761029	1

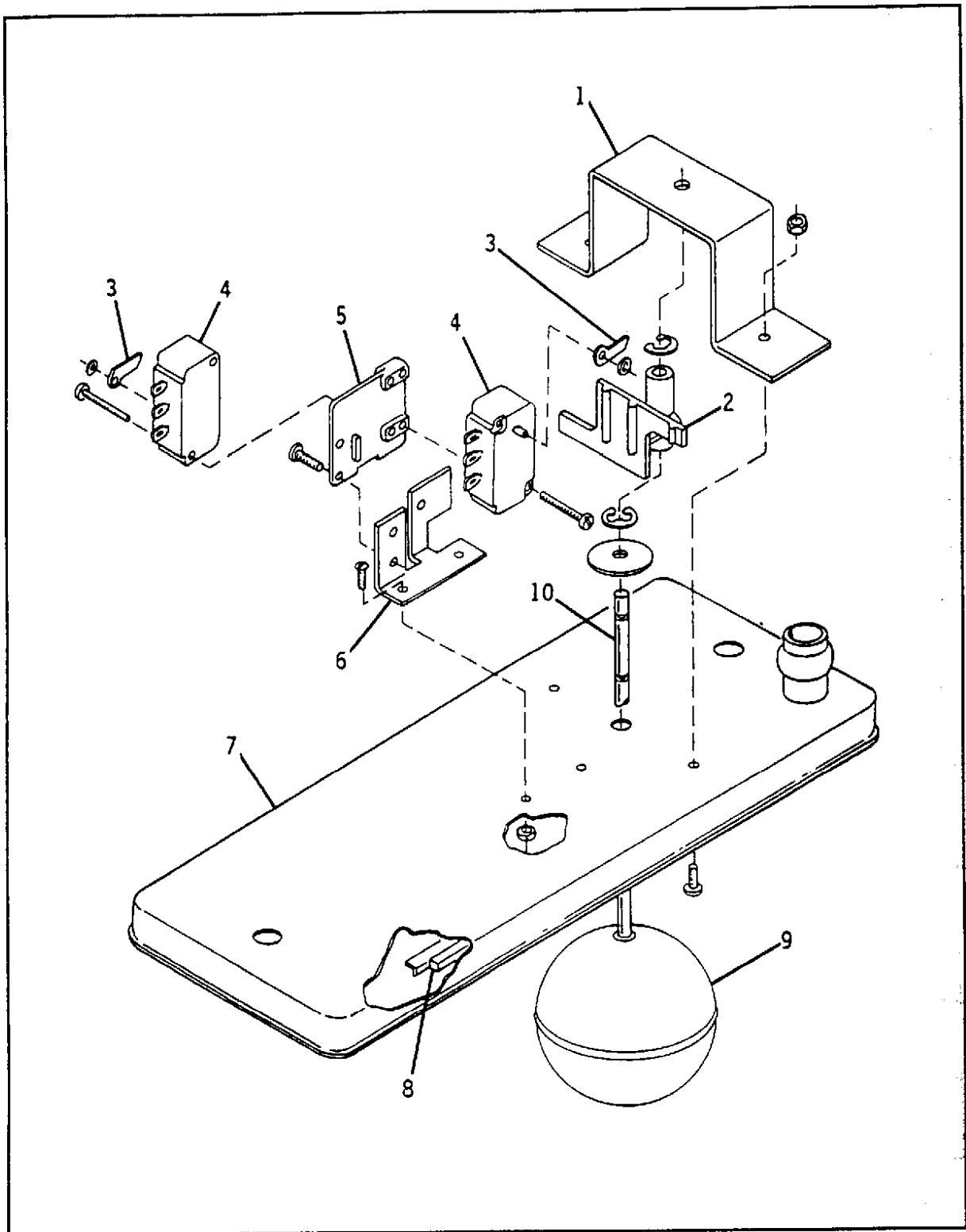


Figure 44. Water Tank Top Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	475/476	
		PART NO.	QTY.
44-	Top Assembly - Water Tank (See Figure 43, Index 43-4 for Next Higher Assembly)	6508031	Ref
44-1	Bracket - Shaft (Screw #6-32 x 9/16, PHS, W/LW) (Nut #6-32 KEPS)	6138180	1
		6107244	2
		6104429	2
44-2	Actuator - Switch	6138183	1
44-3	Actuator - Switch	6138027	2
44-4	Switch (Screw #4-40 x 11/16 RHS) (Retainer - Push-On - 1/8)	3108146	2
		5201349	2
		1217162	1
44-5	Mounting Plate - Switch (Screw #6-32 x 1/4, RHS, Mach, TY 303, Stainless)	6138004	1
		6138159	2
44-6	Bracket - Switch Mounting (Screw #6-32 x 1/4, RHS, Mach, TY 303, Stainless) (Nut #6-32 KEPS)	6138175	1
		6138159	2
		6104429	2
44-7	Cover Assembly - Water Tank Weldment	6508035	1
44-8	Gasket - Water Tank Cover	6508032	1
44-9	Float - Water Tank (Washer - Plate) (Retaining Ring - "E" type)	6508033	1
		6138181	1
		6124073	2
44-10	Shaft - Float	6208057	1
	<u>THE FOLLOWING IS AVAILABLE AS AN ASSEMBLY:</u>		
	Switch Assembly - Water Feeder (Consists of one each of Index 44-3 and Index 44-4)	6138123	1

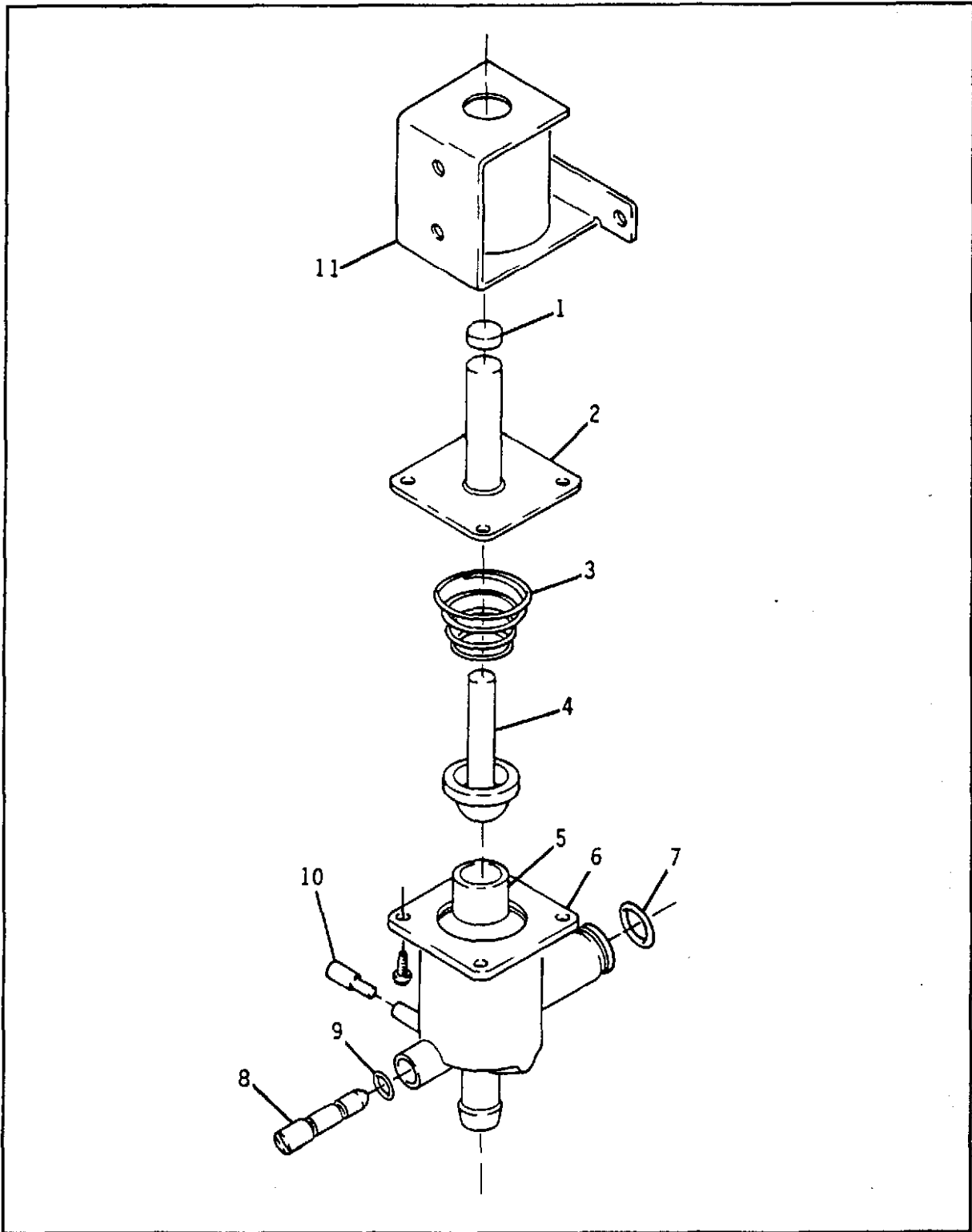


Figure 45. Hot Water Valve Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	475/476	
		PART NO.	QTY.
45-	Valve Assembly - Hot Water High Flow Water Valve (See below for replacement) (See Figure 43, Index 43-7 for Next Higher Assembly)	6230108	Ref
45-1	End Cap - Hot Water Valve	6208056	1
45-2	Stem Assembly - Hot Water Valve (Screw #6-32 x 1/2 Hex W/Hd)	6138303 6138288	1 4
45-3	Spring - Compression	6138276	1
45-4	Plunger and Diaphragm Assembly	6208025	1
45-5	Seat - Hot Water Valve	6158068	1
45-6	Valve Body - Hot Water	6138269	1
45-7	"O" Ring	6108031	1
45-8	Screw - Metering - Hot Water Valve	6138279	1
45-9	"O" Ring	6138287	1
45-10	Vent Tube - Water Valve	6108291	1
45-11	Coil and Frame Assembly - Hot Water Valve	6138270	1
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>		
	Valve Body and Seat (Consists of Index 45-5 and Index 45-6)	6138304	1
	Screw Assembly - Metering - Hot Water Valve (Consists of Index 45-8 and Index 45-9)	6138289	1
**	KIT - HIGH FLOW WATER VALVE INCLUDES PLUNGER AND SPRING, O RING, SEAT, AND GASKET	6230106	
***	EATON WATER VALVE (USA) - Replaces High Flow Valve	6238112	
****	EATON WATER VALVE (CANADA) - Replaces High Flow Valve	6230108	

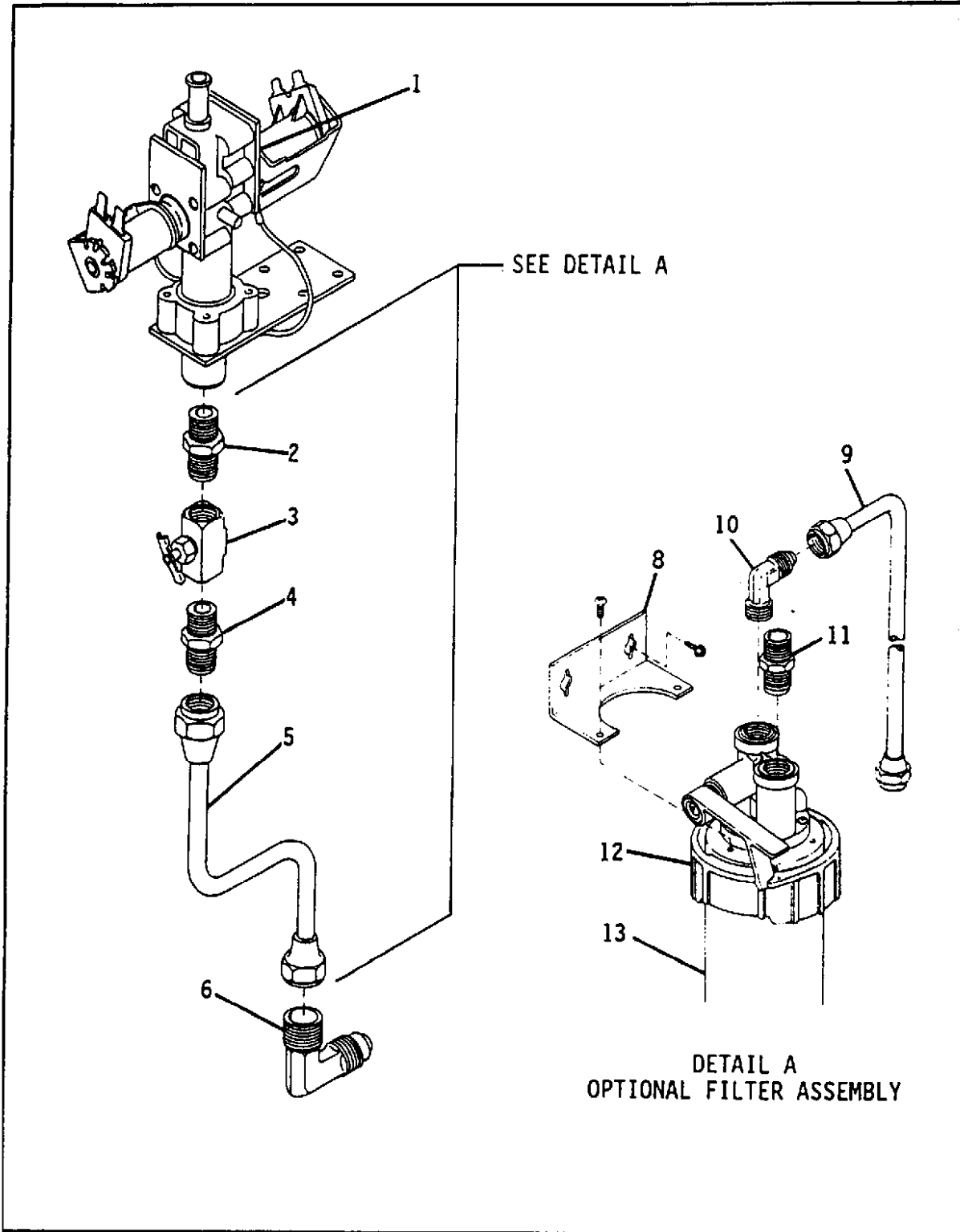


Figure 46. Water Inlet Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	475/476	
		PART NO.	QTY.
46-	Inlet Assembly - Water (See Figure 33, Index 33-3 for Next Higher Assembly)	Ref
46-1	Valve - Water Inlet	3108045	1
46-2	Reducing Nipple - 1/4 IPST-0, 3/8 IPS	6108082	1
46-3	Water Valve	3108048	1
46-4	Connector - Male - 1/4 SAE Flare x 1/4 NPTF	3128151	1
46-5	Tube Assembly - Cabinet to Strainer	4731172	2
46-6	Elbow - Male - 1/4 SAE Flare x 3/8 NPTF	3128150	1
46-7	Coupling and Bracket(Not shown)(See Figure 33, Index 11) (Screw #8-32 x 3/8, Hex W/HD)	4751019 3157060	1 2
	<u>OPTIONS</u>		
46-8	Mounting Bracket - Water Filter (Screw #10-32 x 5/8, RHS, T/C) (Screw #8-32 x 3/8, Hex Hd, T/F, Black)	3158023 9900163 1451097	1 2 2
46-9	Tube Assembly - Cabinet to Strainer	6151037	1
46-10	Elbow - Male - 1/4 SAE Flare x 3/8 NPTF	3128150	1
46-11	Nipple - 3/8 NPTF, Hex	3608201	1
46-12	Head - Water Filter	3158022	1
46-13	Cartridge - Water Filter (Not Supplied With Assembly)	6118071	1
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>		
	Valve Assembly - Water Inlet (Consists of Index 46-1 thru Index 46-7)	4751034	1
	Filter Head and Bracket Assembly (Consists of Index 46-1, Index 46-7 and Index 46-8 thru Index 46-12)	4751036	1

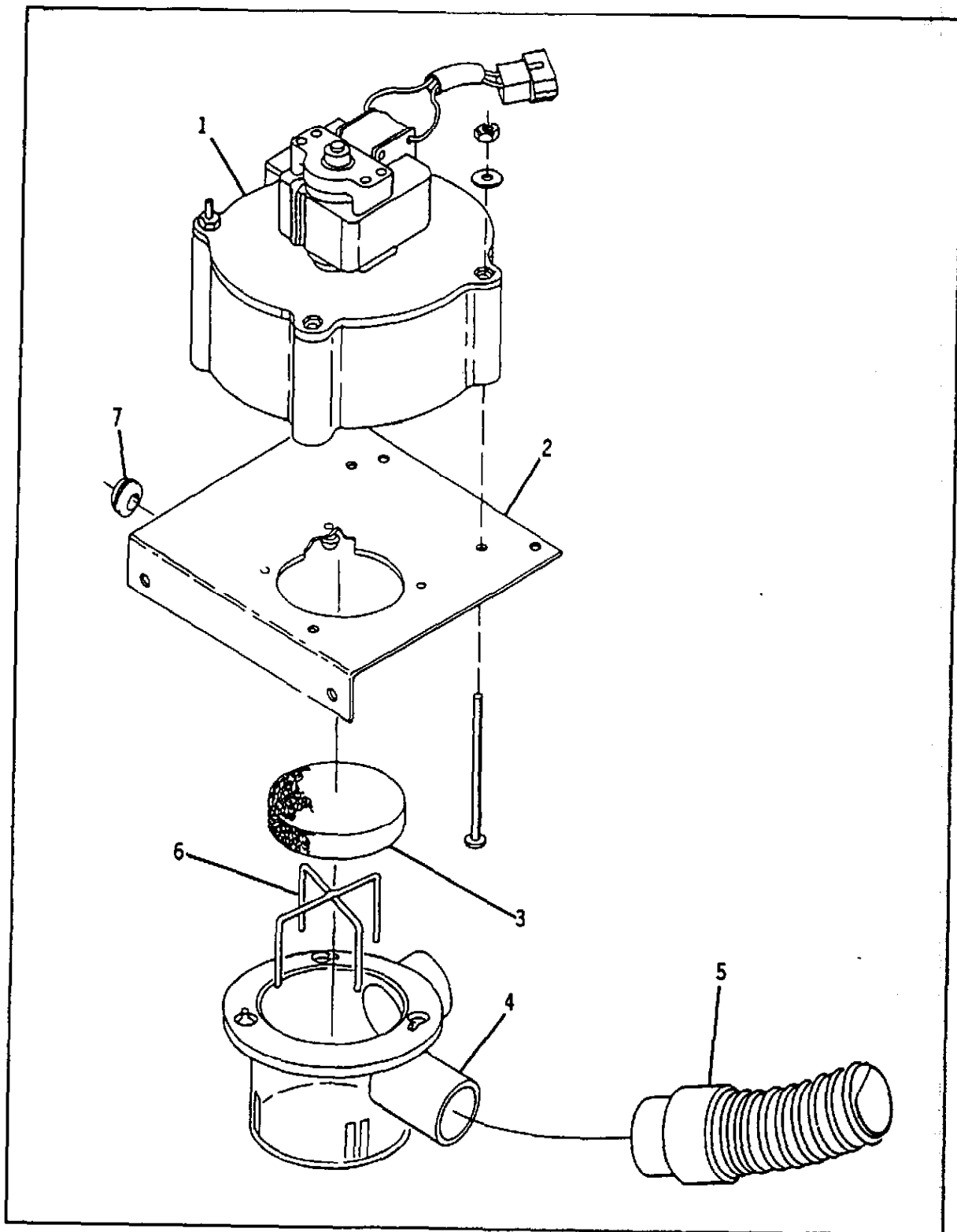


Figure 47. Blower and Mounting Assembly

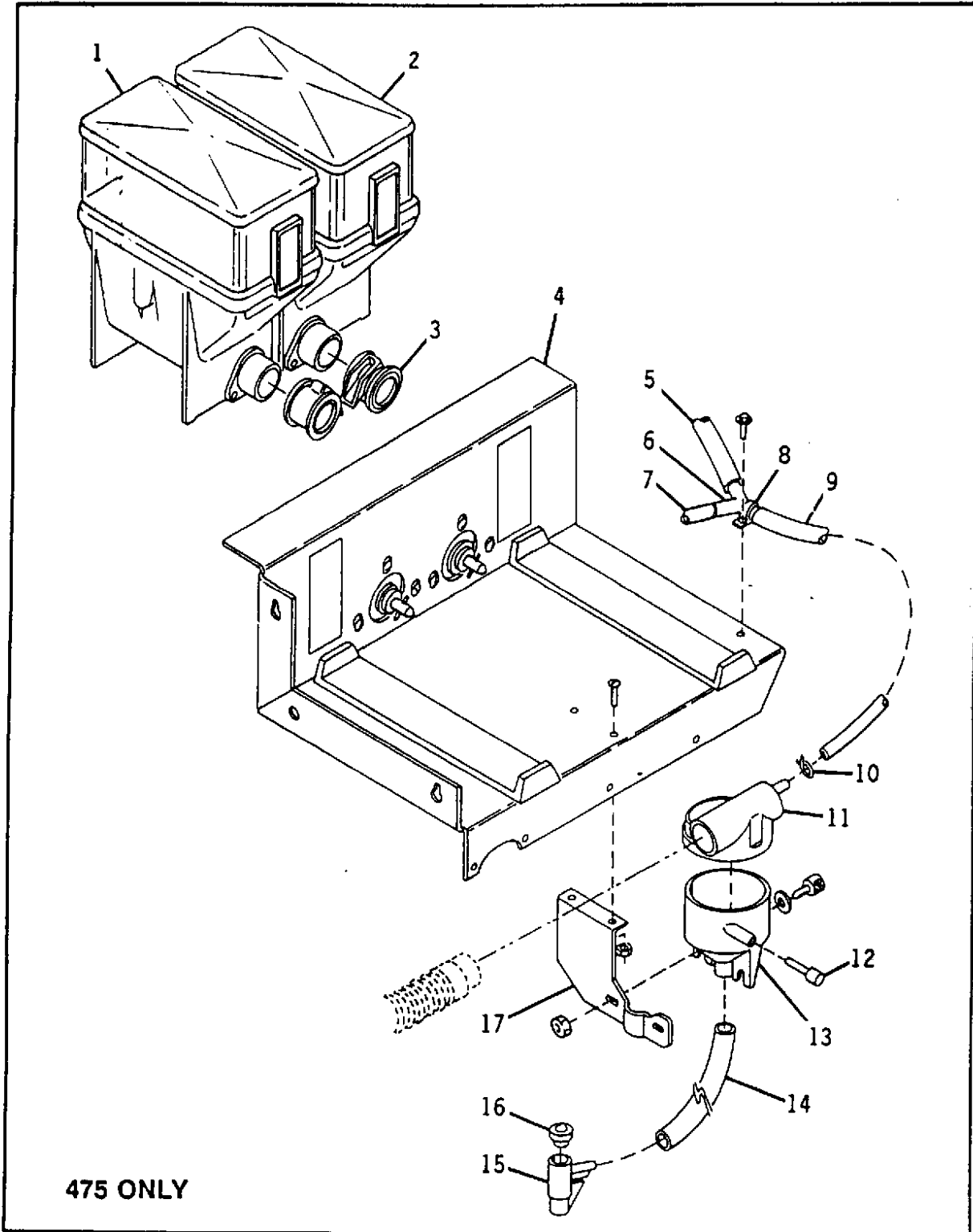


Figure 48. Dry Ingredient System (Sheet 1 of 2)

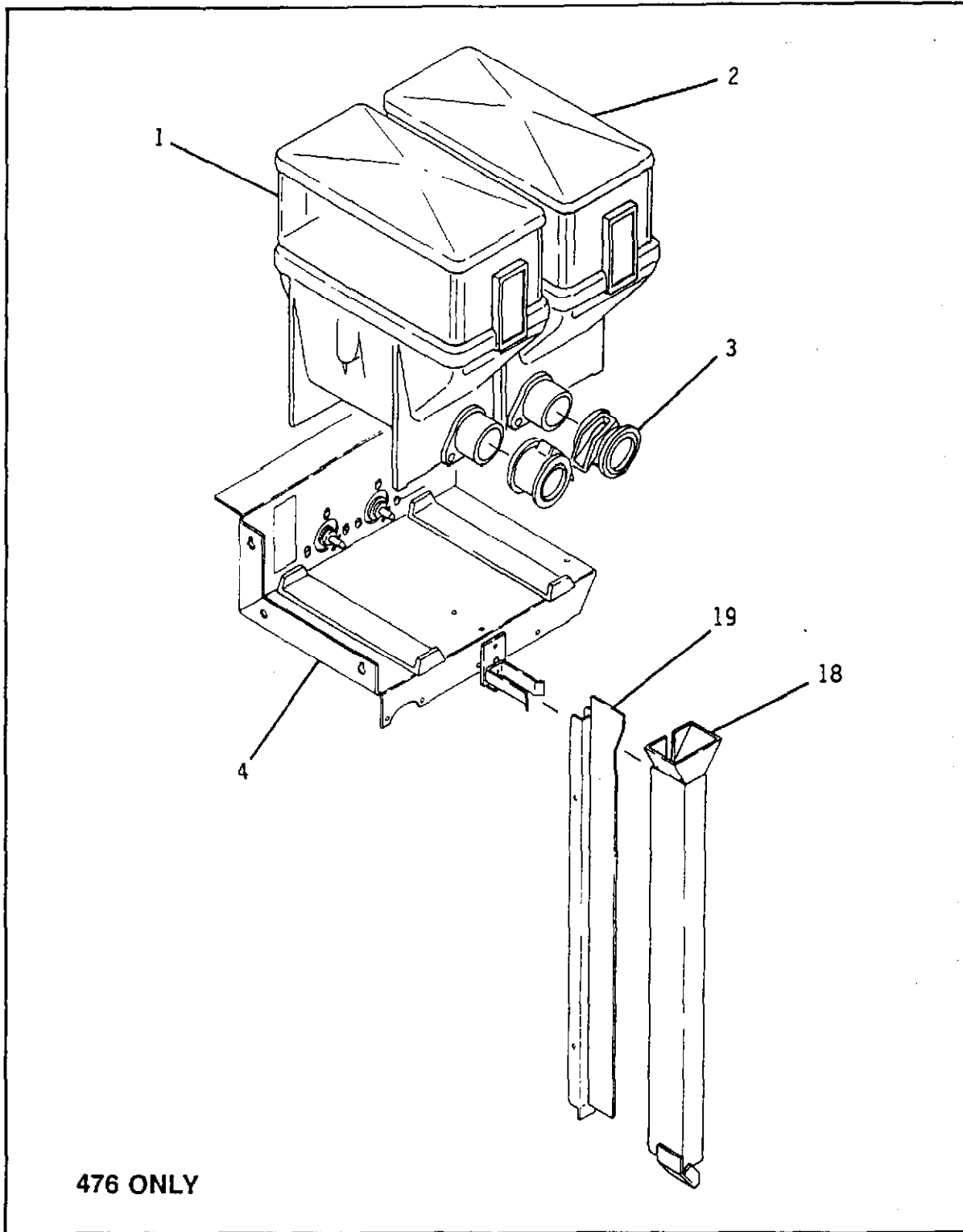


Figure 48. Dry Ingredient System (Sheet 2 of 2)

FIGURE- INDEX NUMBER	DESCRIPTION	475		476	
		PART NO.	QTY.	PART NO.	QTY.
48-	Dry Ingredient System (See Figure 33, Index 33-9 for Next Higher Assembly)	-----	Ref	-----	Ref
48-1	Canister Assembly - Whitener (See Figure 51 for Breakdown)	4751061	1		
48-2	Canister Assembly - Sugar (See Figure 50 for Breakdown)	4731129	1		
48-3	Nozzle - Chute	6157002	2		
48-4	Shelf Assembly - Dry Ingredient (See Figure 49 for Breakdown) (Screw #8-32 x 5/16 Hex Hd, T/F, Black)	4751062 1451097	1 3	4761034	1
48-5	Tube - 3/4 OD x 1/2 ID x 32 Long	4731203	1	N/A	
48-6	Restrictor and "Y" Assembly	6158073	1	N/A	
48-7	Tube - 7/16 OD x 1/4 ID x 32 Long	4731204	1	N/A	
48-8	Clamp - Cable (Screw #8-32 x 5/16 Hex Hd, T/F, Black)	3106144 1451097	1 1	N/A	
48-9	Tube - 9/16 OD x 3/8 ID x 4-1/2 Long	4731207	1	N/A	
48-10	Clamp - Hose - 19/32	6111054	1	N/A	
48-11	Vent Assembly	3617033	1	N/A	
48-12	Plug - Brewer Manifold	6134192	1	N/A	
48-13	Mixing Bowl - Coffee (Washer - Roller) (Thumb Screw - Sidewall) (Nut #8-32)	6187001 6114121 2206028 9900081	1 2 2 2	N/A N/A N/A N/A	
48-14	Tube - 9/16 OD x 3/8 ID x 24 Long	4731064	1	N/A	
48-15	Spout - Dispensing	6117010	1	N/A	
48-16	Caplug - Spout	4711020	1	N/A	
48-17	Bracket - Bowl Mounting (Screw #8-32 x 1/4, PHS, W/LW)	4751027 9900168	1 2	N/A	
48-18	Channel Assembly - Front	N/A		4761155	1
48-19	Divider Assembly	N/A		4761060	1
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>			N/A	
	"Y" Assembly (Consists of Index 48-5 thru Index 48-7 and Index 48-9)	4731208	1	N/A	
	Mixing Bowl and Bracket Assembly (Consists of Index 48-11 thru Index 48-17)	4731322	1	N/A	

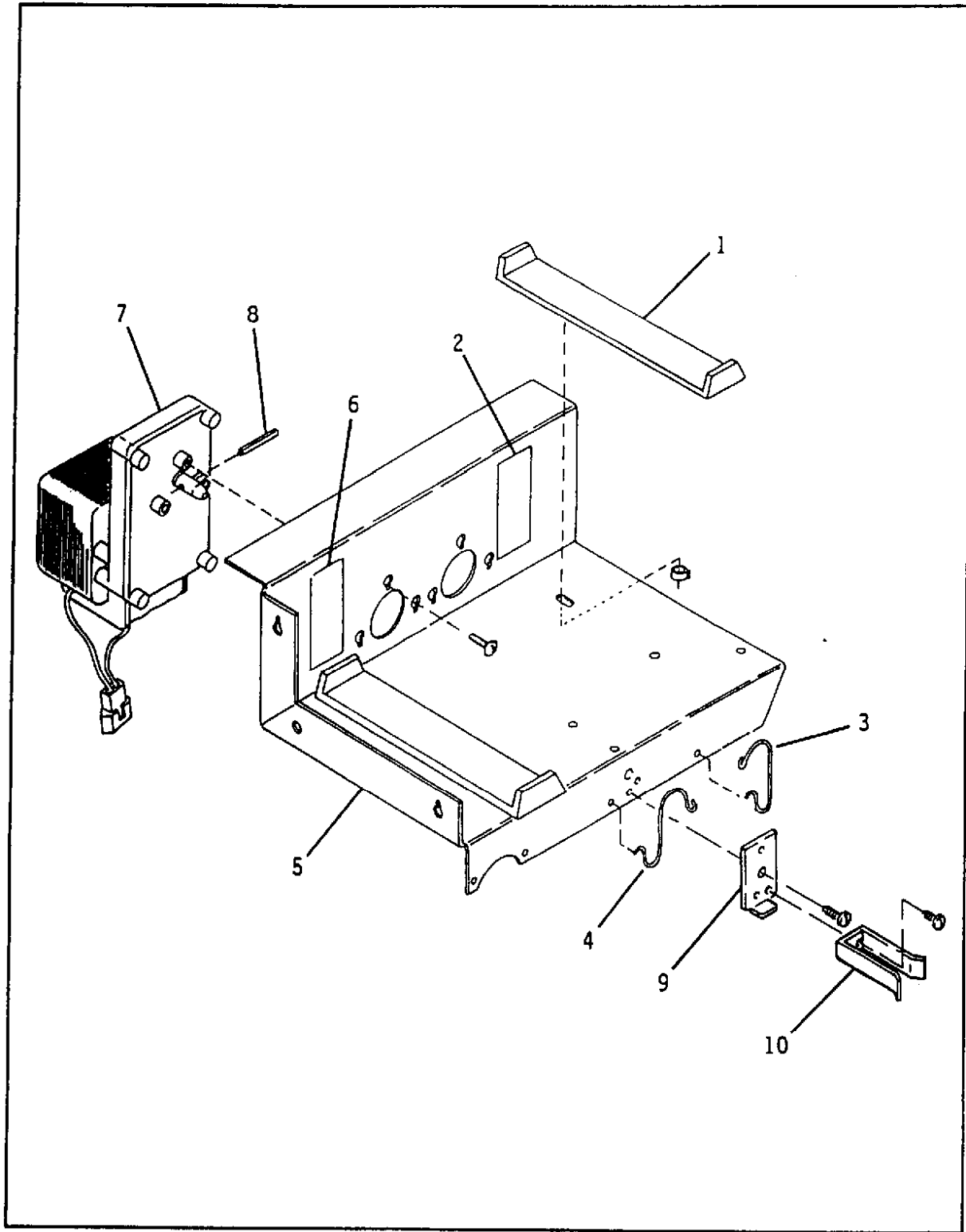


Figure 49. Dry Ingredient Shelf Assembly

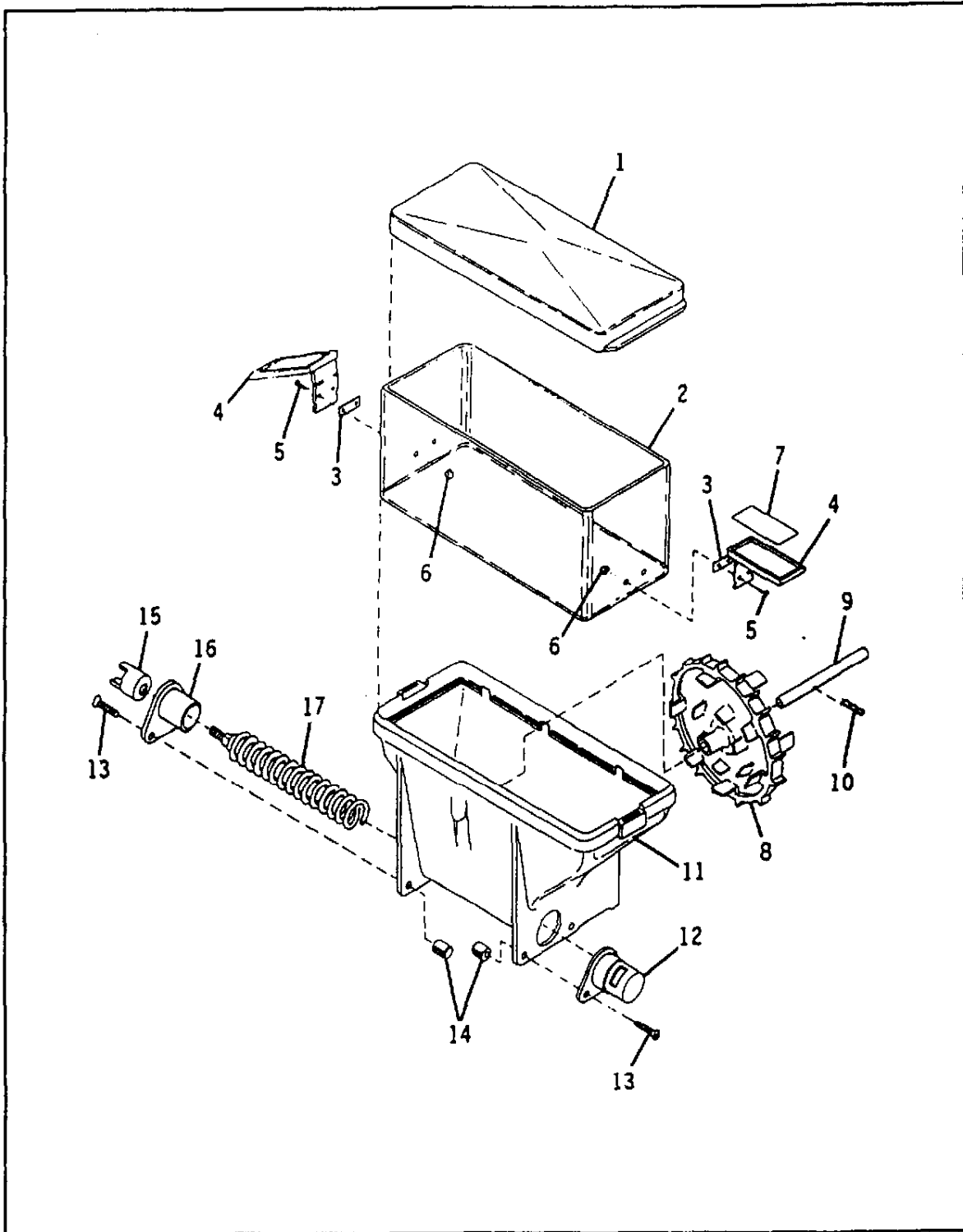


Figure 50. Sugar Canister Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	475/476	
		PART NO.	QTY.
50-	Canister Assembly - Sugar (See Figure 48, Index 48-2 for Next Higher Assembly)	4731129	Ref
50-1	Lid - Canister	6137030	1
50-2	Tube - Canister - 3 inch	4731128	1
50-3	Spacer - Canister Latch	6137023	2
50-4	Catch - Draw	6137053	2
50-5	Screw #6-32 x 9/16 FHS	6137099	4
50-6	Nut - Acom #6-32	6137100	4
50-7	Label - Sugar	6137076	1
50-8	Mixing Wheel	6137024	1
50-9	Tube - Mixing Wheel	6137038	1
50-10	Pin - Hitch W/Clip	6134030	1
50-11	Base - Canister	6137004	1
50-12	Spout - Dispensing Chute	6157019	1
50-13	Screw #8-32 x 1/2 FHS	9900027	4
50-14	Nut - Knurl - Canister	9900214	4
50-15	Coupling - Auger Drive	6107041	1
50-16	Bearing - Dispensing	6137035	1
50-17	Auger and Shaft Assembly	6137131	1
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>		
	Tube Assembly - 3 inch Canister (Consists of Index 50-2 thru Index 50-6)	4731127	1
	Auger Assembly (Consists of Index 50-15 thru Index 50-17)	6137128	1

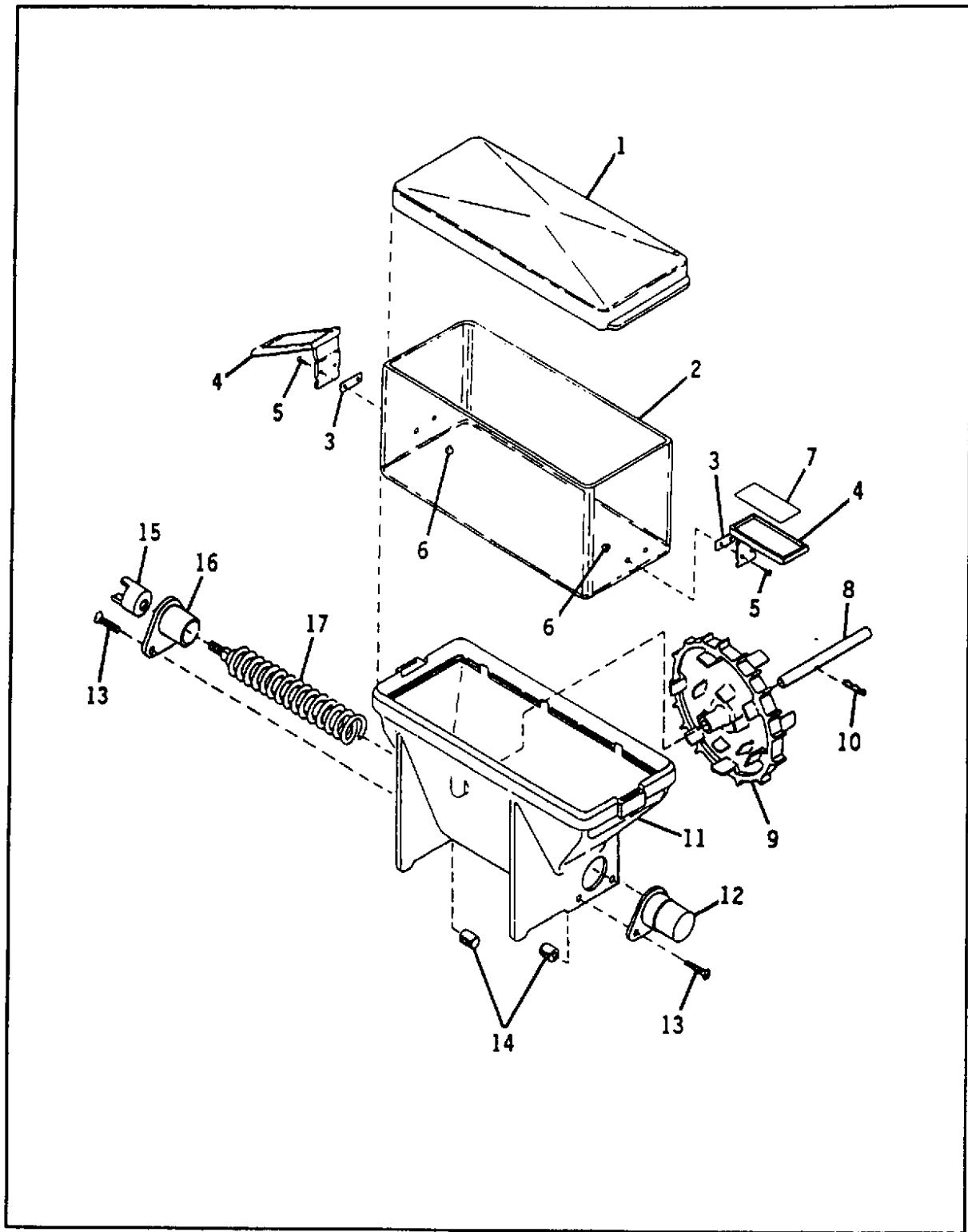


Figure 51. Whitener Canister Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	475/476	
		PART NO.	QTY.
51-	Canister Assembly - Whitener (See Figure 48, Index 48-1 for Next Higher Assembly)	4751061	Ref
51-1	Lid - Canister	6137030	1
51-2	Tube - Canister - 3 inch - W/Latch	4731128	1
51-3	Spacer - Canister Latch	6137023	2
51-4	Catch - Draw	6137053	2
51-5	Screw #6-32 x 9/16 FHS	6137099	4
51-6	Nut - Acorn #6-32	6137100	4
51-7	Label - Lightener	6137077	1
51-8	Mixing Wheel	6137024	1
51-9	Tube - Mixing Wheel	6137038	1
51-10	Pin - Hitch W/Clip	6134030	1
51-11	Base - Canister	6137005	1
51-12	Spout - Dispensing Chute	6157019	1
51-13	Screw #8-32 x 1/2 FHS	9900027	4
51-14	Nut - Knurl - Canister	9900214	4
51-15	Coupling - Auger Drive	6107041	1
51-16	Bearing - Dispensing	6137035	1
51-17	Auger and Shaft Assembly	6137131	1
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>		
	Tube Assembly - 3 inch Canister (Consists of Index 51-2 thru Index 51-6)	4731127	1
	Auger Assembly (Consists of Index 51-15 thru Index 51-17)	6137128	1

FIGURE- INDEX NUMBER	DESCRIPTION	475/476	
		PART NO.	QTY.
51-	Canister Assembly - Whitener (See Figure 48, Index 48-1 for Next Higher Assembly)	4751061	Ref
51-1	Lid - Canister	6137030	1
51-2	Tube - Canister - 3 inch - W/Latch	4731128	1
51-3	Spacer - Canister Latch	6137023	2
51-4	Catch - Draw	6137053	2
51-5	Screw #6-32 x 9/16 FHS	6137099	4
51-6	Nut - Acorn #6-32	6137100	4
51-7	Label - Lightener	6137077	1
51-8	Mixing Wheel	6137024	1
51-9	Tube - Mixing Wheel	6137038	1
51-10	Pin - Hitch W/Clip	6134030	1
51-11	Base - Canister	6137005	1
51-12	Spout - Dispensing Chute	6157019	1
51-13	Screw #8-32 x 1/2 FHS	9900027	4
51-14	Nut - Knurl - Canister	9900214	4
51-15	Coupling - Auger Drive	6107041	1
51-16	Bearing - Dispensing	6137035	1
51-17	Auger and Shaft Assembly	6137131	1
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>		
	Tube Assembly - 3 inch Canister (Consists of Index 51-2 thru Index 51-6)	4731127	1
	Auger Assembly (Consists of Index 51-15 thru Index 51-17)	6137128	1

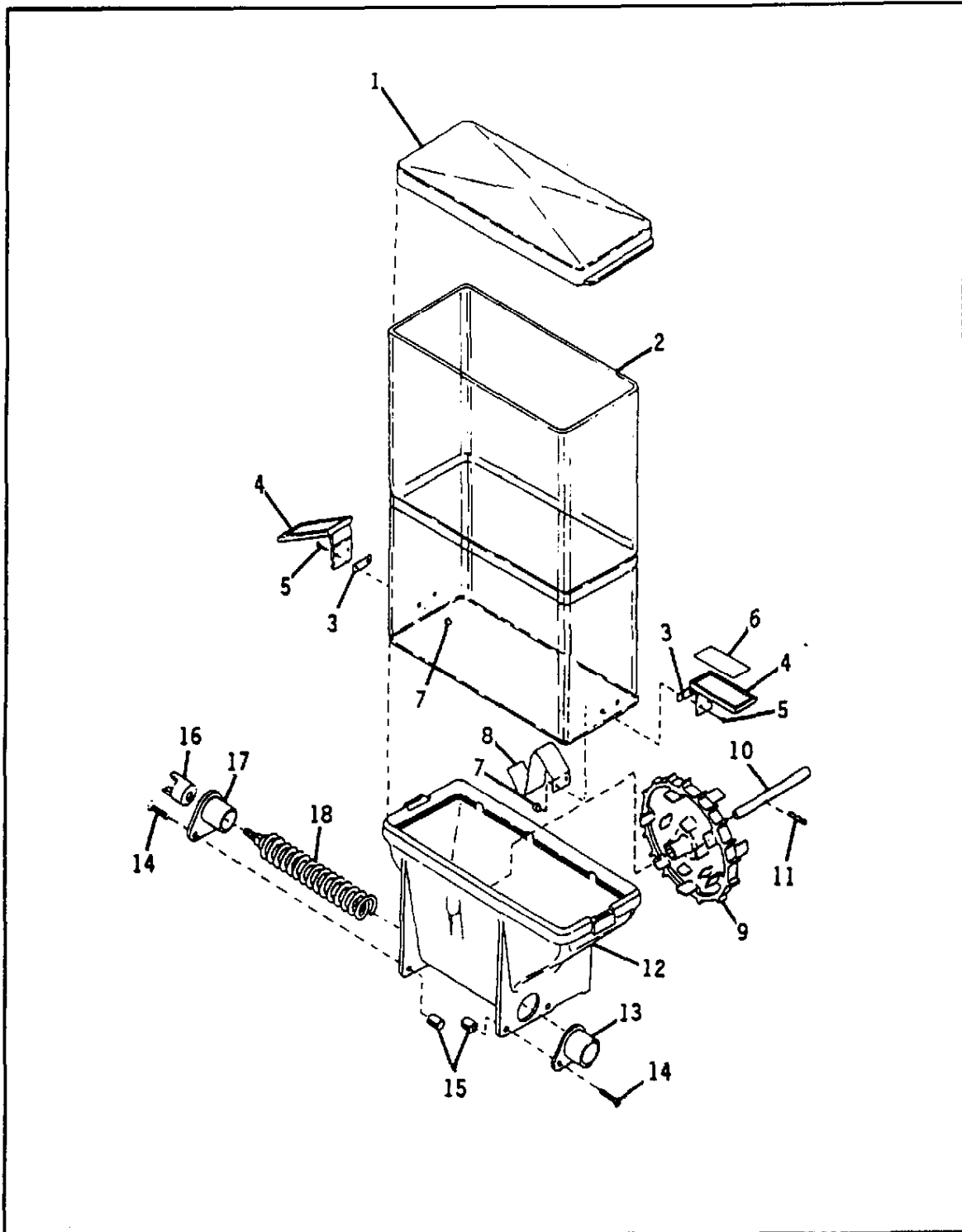


Figure 53. Coffee Canister Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	475	
		PART NO.	QTY.
53-	Canister Assembly - Coffee - Fresh Brew (See Figure 52, Index 52-8 for Next Higher Assembly)	4731125	Ref
53-1	Lid - Canister	6137030	1
53-2	Tube - Canister - 10 inch	6157016	1
53-3	Spacer - Canister Latch	6137023	2
53-4	Catch - Draw	6137053	2
53-5	Screw #6-32 x 9/16 FHS	6137099	4
53-6	Label - Coffee	6187007	1
53-7	Nut - Acom #6-32	6137100	4
53-8	Agitator - Canister	6207540	1
53-9	Mixing Wheel	6137024	1
53-10	Tube - Mixing Wheel	6137038	1
53-11	Pin - Hitch W/Clip	6134030	1
53-12	Base - Canister	6137004	1
53-13	Spout	6154261	1
53-14	Screw #8-32 x 1/2 FHS	9900027	4
53-15	Nut - Knurl - Canister	9900214	4
53-16	Coupling - Auger Drive	6107041	1
53-17	Bearing - Dispensing	6137035	1
53-16	Auger and Shaft Assembly	6204513	1
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>		
	Tube Assembly - Canister (Consists of Index 53-2 thru Index 53-8)	6207539	1
	Auger Assembly (Consists of Index 53-16 thru Index 53-18)	6204512	1

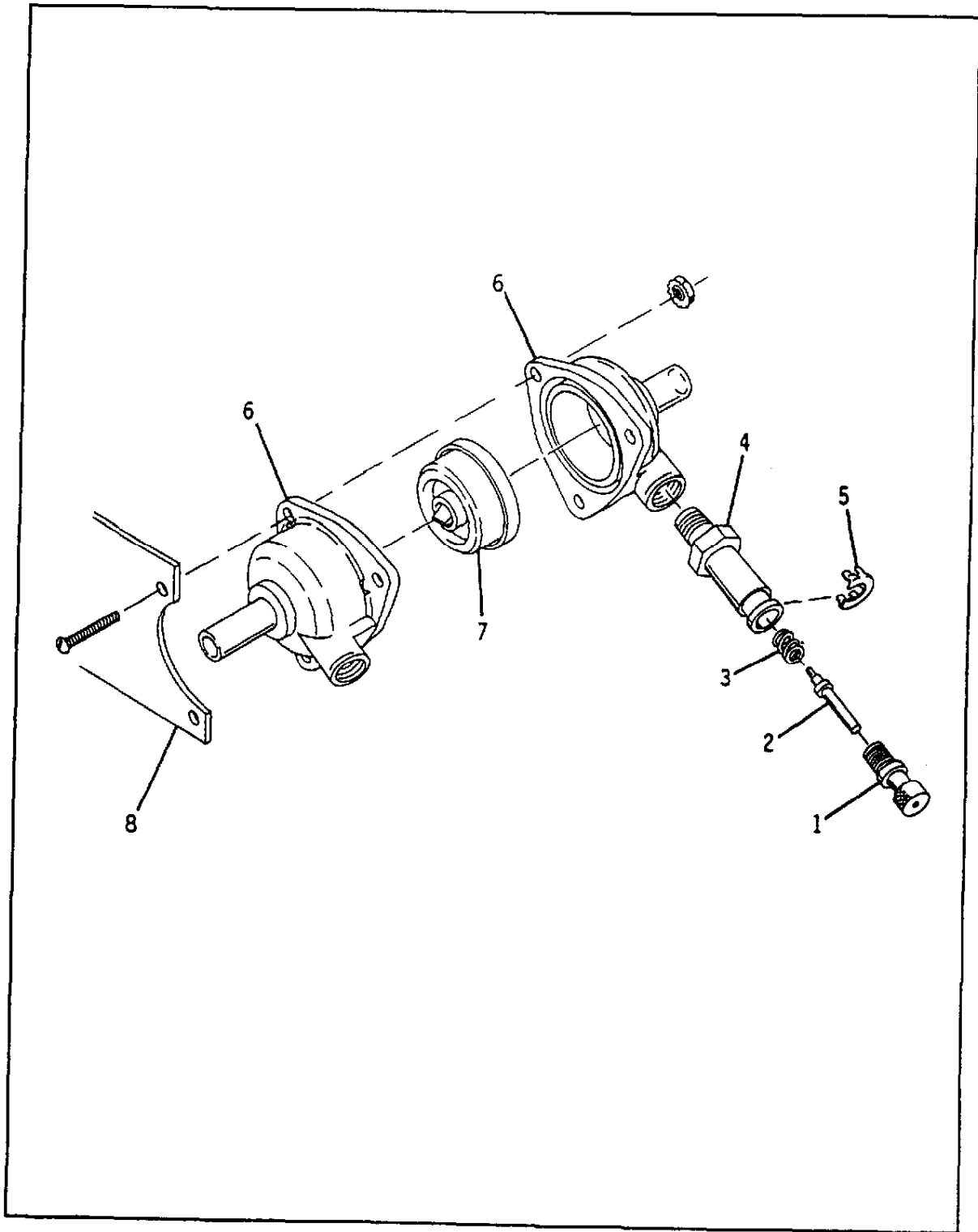


Figure 54. Bracket and Control Assembly

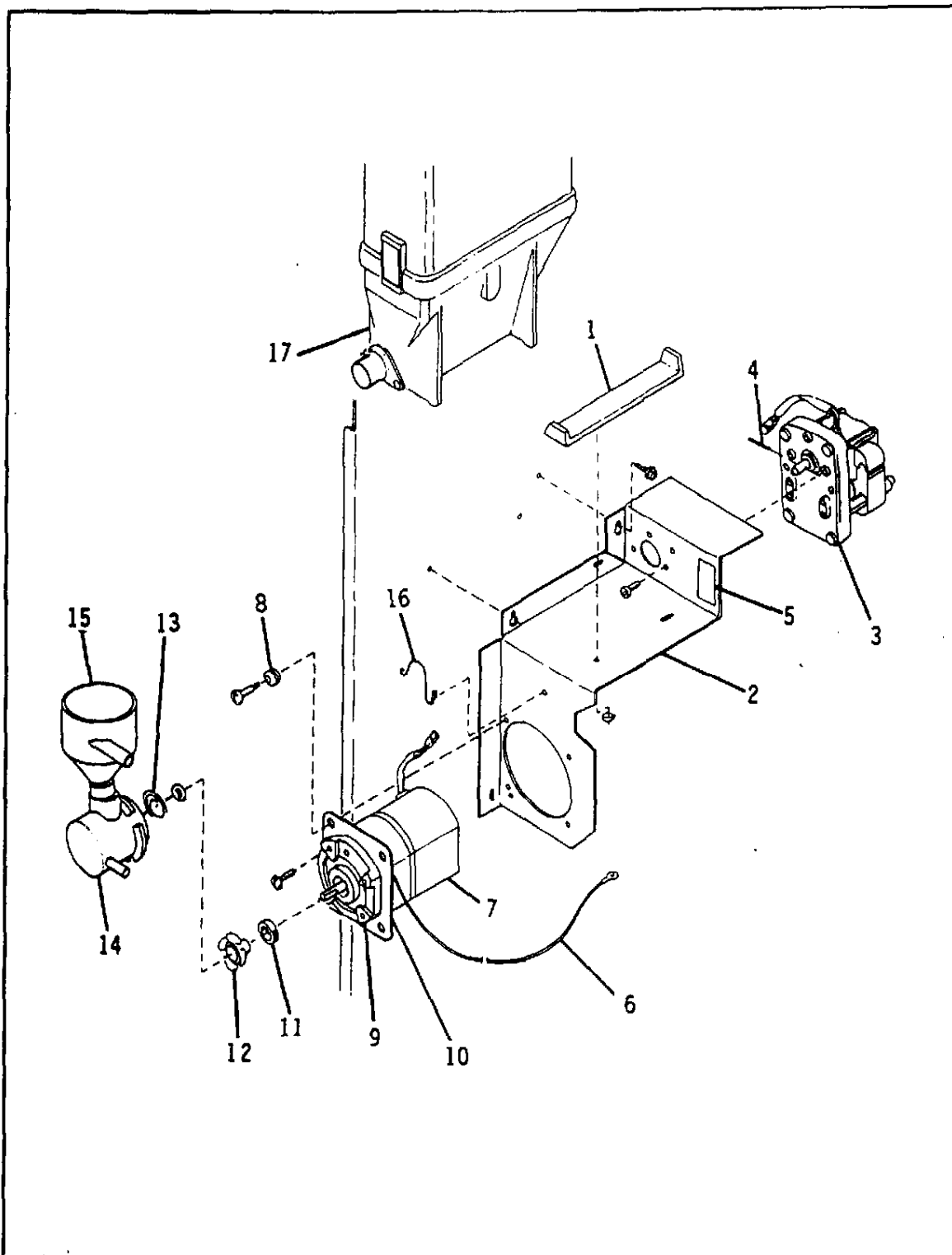


Figure 55. Chocolate Shelf Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	475	
		PART NO.	QTY.
55-	Shelf Assembly - Chocolate (See Figure 33, Index 33-8 for Next Higher Assembly)	4751064	Ref
55-1	Locator - Canister (Speed Clip - Compression Ring)	3617032	1
		2366055	2
55-2	Shelf - Canister - Chocolate	4751056	1
55-3	Motor - 200 RPM (Screw #8-32 x 1/4, PHS, W/LW)	4731057	1
		9900138	3
55-4	Pin - Roll 3/32 dia	6107020	1
55-5	Label - Chocolate	6137074	1
55-6	Ground Wire Assembly (Screw #8-32 x .31, Hex Hd)	3116122	1
		3157060	1
55-7	Motor Assembly - Chocolate Whipper (Screw - Shoulder)	6107185	1
		6157057	4
55-8	Grommet - 3/16 dia	2302223	4
55-9	Plate Assembly - Mounting - Impeller Housing (Screw #8-32 x 9/16, PHS, W/LW, Stainless)	6107191	1
		6107244	4
55-10	Plate Assembly - Mounting - Whipper Motor (Screw #6-32 x 5/16, PHS, W/LW, Stainless)	6157055	1
		6107241	4
55-11	Bushing - Seal	6107194	1
55-12	Impeller	6107197	1
55-13	Spring Assembly - Impeller Thrust	6107198	1
55-14	Housing - Impeller	6107195	1
55-15	Funnel - Impeller	6137114	1
55-16	Retainer - Canister	6207003	1
55-17	Canister Assembly - Chocolate (See Figure 56 for Breakdown)	4731311	1
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>		
	Motor Assembly - 200 RPM (Consists of Index 55-3 and Index 55-4)	4731059	1
	Plate Assembly - Motor and (Consists of Index 55-6 thru Index 55-10)	6157054	1

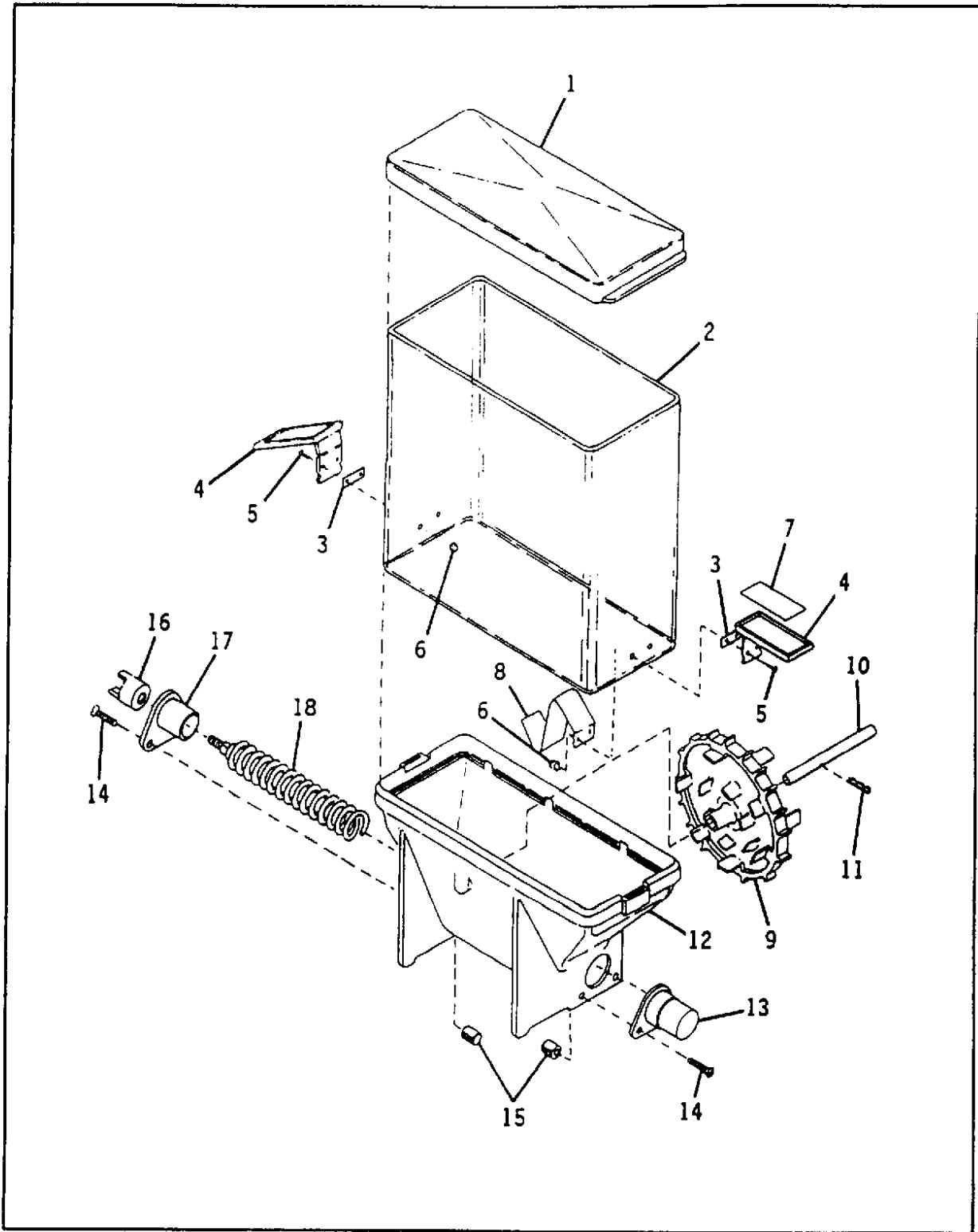


Figure 56. Chocolate/Freeze Dry Coffee Canister Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	475		476	
		PART NO.	QTY.	PART NO.	QTY.
56-	Canister Assembly - Chocolate (See Figure 55/57, Index 55-19 or Index 57-20 for Next Higher Assembly)	4731311	Ref		Ref
	Canister Assembly - Freeze Dry Coffee (See Figure 57, Index 57-21 for Next Higher Assembly)	N/A		4761031	1
56-1	Lid - Canister	6137030	1		
56-2	Tube - Canister - 5 inch	6157026	1		
56-3	Spacer - Latch - Canister	6137023	2		
56-4	Catch - Draw	6137053	2		
56-5	Screw #6-32 x 9/16 FHS	6137099	4		
56-6	Nut - Acom #6-32	6137100	4		
56-7	Label - Chocolate	6137074	1	6187007	1
56-8	Agitator - Canister	6137101	1	N/A	
56-9	Mixing Wheel	6137024	1		
56-10	Tube - Mixing Wheel	6137038	1		
56-11	Pin - Hitch W/Clip	6134030	1		
56-12	Base - Canister	6137005	1		
56-13	Spout - Dispensing	6137034	1	6157019	1
56-14	Screw #8-32 x 1/2 FHS	9900027	4		
56-15	Nut - Knurl - Canister	9900214	4		
56-16	Coupling - Auger Drive	6107041	1		
56-17	Bearing - Dispensing	6137035	1		
56-18	Auger and Shaft Assembly	6204513	1	6137131	1
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>				
	Tube Assembly - 5 inch Canister (Consists of Index 56-2 thru Index 56-6)	6157029	1		1
	Auger Assembly (Consists of Index 56-16 thru Index 56-18)	6204512	1	6137128	1

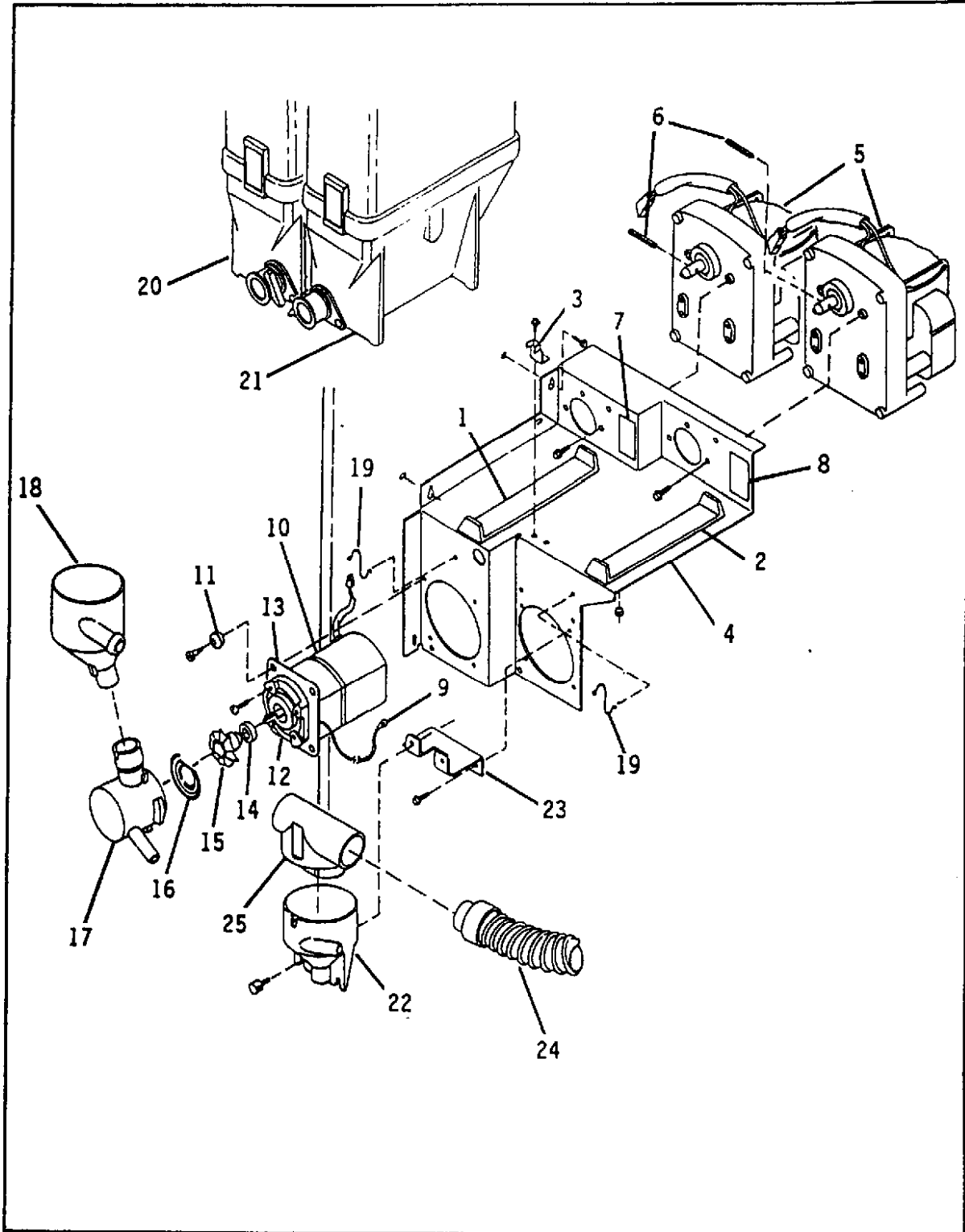


Figure 57. Chocolate/Freeze Dry Coffee Shelf Assembly (Sheet 1 of 2)

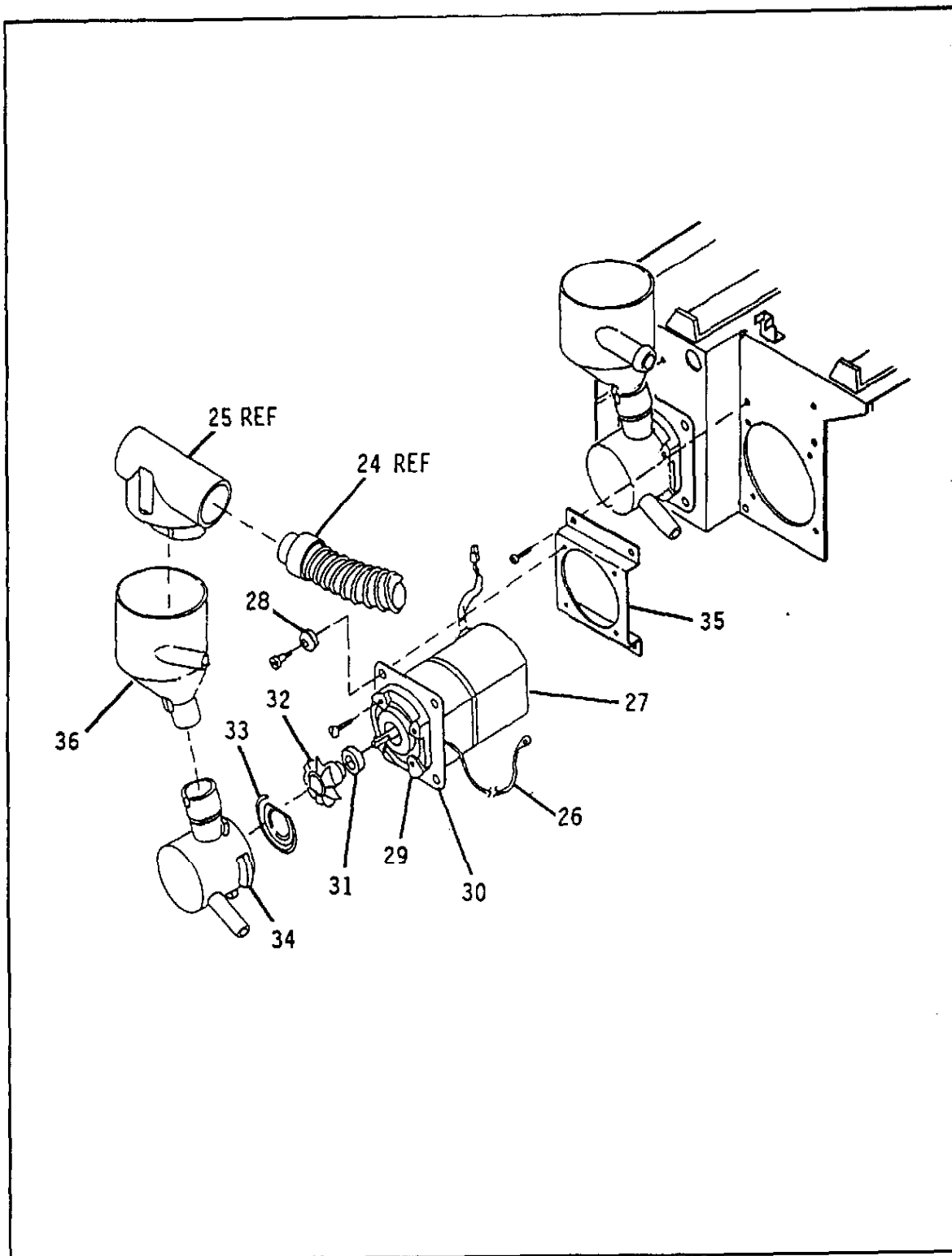


Figure 57. Chocolate/Freeze Dry Coffee Shelf Assembly (Sheet 2 of 2)

FIGURE- INDEX NUMBER	DESCRIPTION	476	
		PART NO.	QTY.
57-	Shelf Assembly - Chocolate/Freeze Dry Coffee (See Figure 33, Index 33-29 for Next Higher Assembly)	-----	Ref
57-1	Locator - Canister (Speed Clip - Compression Ring)	3617032	1
		2366055	2
57-2	Locator - Canister (Speed Clip - Compression Ring)	6157037	1
		2366055	2
57-3	Locator - Chute (Screw #8-32 x 5/16, Hex Hd, T/F)	4761016	1
		1451097	1
57-4	Shelf - Canister - Chocolate/Freeze Dry	4761004	1
57-5	Motor - 200 RPM (Screw #8-32 x 1/4, PHS, W/LW)	4731057	2
		9900138	3
57-6	Pin - Roll 3/32 dia	6107020	2
57-7	Label - Chocolate	6137074	1
57-8	Label - Coffee	6187007	1
57-9	Ground Wire Assembly (Screw #8-32 x .31, Hex Hd)	1211046	1
		3157060	1
57-10	Motor Assembly - Chocolate Whipper (Screw - Shoulder)	6107185	1
		6157057	4
57-11	Grommet - 3/16 dia	2302223	4
57-12	Plate and Seal Assembly (Screw #8-32 x 9/16, PHS, W/LW, Stainless)	3617025	1
		6107244	2
57-13	Plate Assembly - Mounting - Whipper Motor (Screw #6-32 x 5/16, PHS, W/LW, Stainless)	6157055	1
		6107241	4
57-14	Bushing - Seal	6107194	1
57-15	Impeller	6107197	1
57-16	Spring Assembly - Impeller Thrust	6107198	1
57-17	Housing - Impeller	6107195	1
57-18	Funnel - Impeller	6137114	1
57-19	Retainer - Canister	6207003	2
57-20	Canister Assembly - Chocolate (See Figure 56 for Breakdown)	4731311	1
57-21	Canister Assembly - Freeze Dry Coffee (See Figure 56 for Breakdown)	4761031	1
57-22	Mixing Bowl(Not used when Coffee whipper is present) (Thumbscrew)	6187001	1
		2206028	2

FIGURE- INDEX NUMBER	DESCRIPTION	476	
		PART NO.	QTY.
57-23	Bracket - Freeze Dry(Not used when Coffee whipper is present) (Screw #8-32 x 5/16, Hex Hd, T/F)	4761023	1
		1451097	2
57-24	Hose Assembly - Exhaust - 43 IN LG.	4761024	1
57-25	Vent and Plug Assembly - Air	4761021	1
	<u>OPTIONS</u>		
	Shelf Assembly - Coffee/Water No Whipper (Consists of Index 57-2 thru Index 57-6, Index 57-8 and Index 57-21 thru Index 57-25)	-----	1
	Shelf Assembly - Coffee/Water With Whipper (Consists of Index 57-2 thru Index 57-6, Index 57-8 thru Index 57-19 and Index 57-21 thru Index 57-25)	-----	1
	Shelf Assembly - Chocolate/Freeze Dry Coffee W/Whipper (Add Index 57-26 thru Index 57-36 to the parts list to complete this option)	-----	1
57-26	Ground Wire Assembly (Screw #8-32 x .31, Hex Hd)	1211046	1
		3157060	1
57-27	Motor Assembly - Chocolate Whipper (Screw - Shoulder)	6107185	1
		6157057	4
57-28	Grommet - 3/16 dia	2302223	4
57-29	Plate and Seal Assembly (Screw #8-32 x 9/16, PHS, W/LW, Stainless)	3617025	1
		6107244	2
57-30	Plate Assembly - Mounting - Whipper Motor (Screw #6-32 x 5/16, PHS, W/LW, Stainless)	6157055	1
		6107241	1
57-31	Bushing - Seal	6107194	1
57-32	Impeller	6107197	1
57-33	Spring Assembly - Impeller Thrust	6107198	1
57-34	Housing - Impeller	6107195	1
57-35	Bracket - Whipper(Replaces Index 57-23) (Screw #8-32 x 5/16, Hex Hd, T/F)	4761017	1
		1451097	4
57-36	Mixing Bowl(Replaces Index 57-22)	6517000	1
	<u>THE FOLLOWING ARE AVAILABLE AS ASSEMBLIES:</u>		
	Motor Assembly - 200 RPM (Consists of Index 57-5 and Index 57-6)	4731059	1
	Plate Assembly - Motor and (Consists of Index 57-9/26 thru Index 57-13/30)	3617024	1

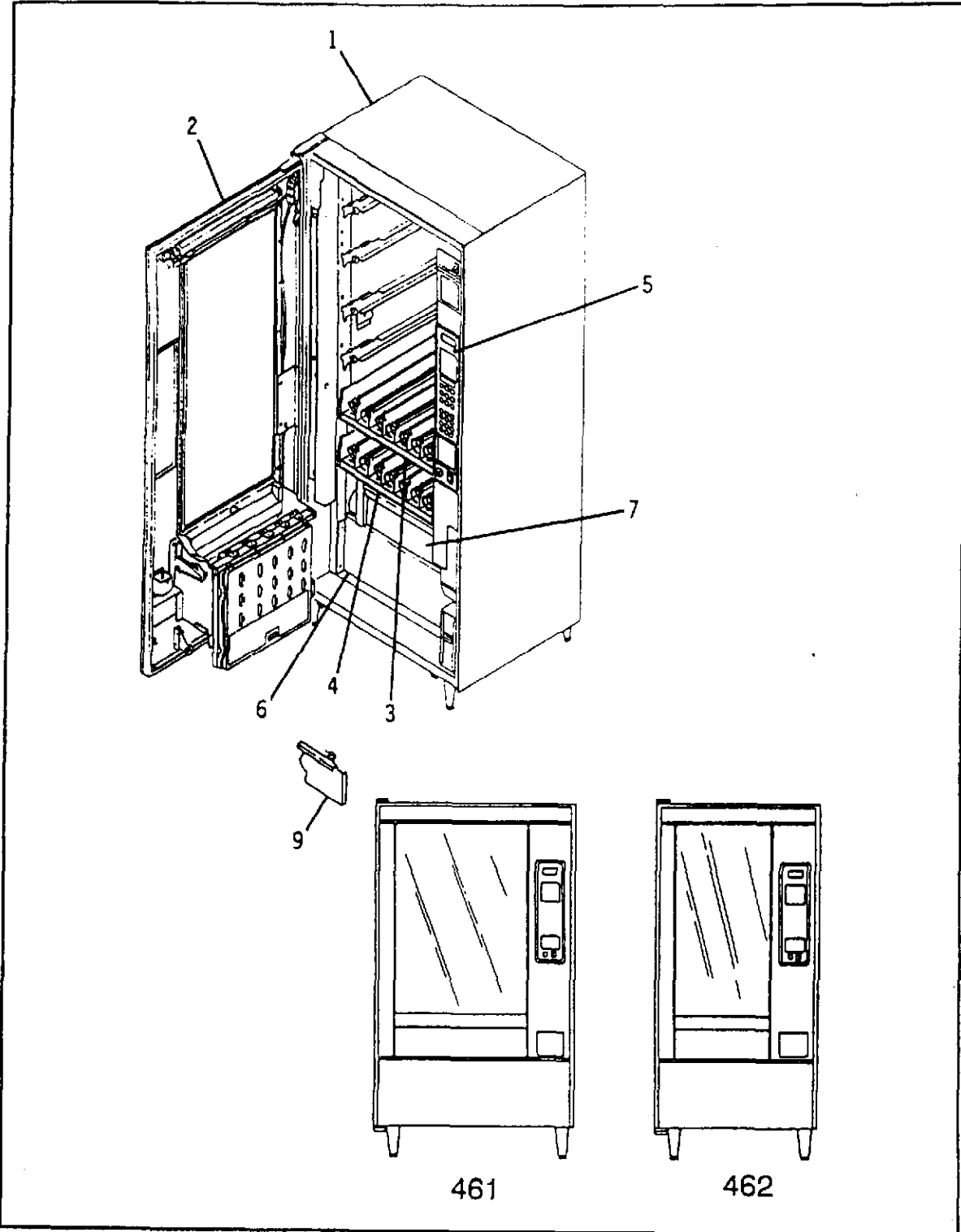


Figure 58. Merchandiser - CHILLED CANDY

FIGURE- INDEX NUMBER	DESCRIPTION	461		462	
		PART NO.	QTY.	PART NO.	QTY.
58-	Merchandiser - Chilled Candy	-----	1	N/A	
	Merchandiser - Chilled Candy	N/A		-----	1
58-1	Cabinet - Common (See Figure 59 for Breakdown)	-----	1	-----	1
58-2	Door Assembly - Common (See Figure 13, Model 147/148, for Breakdown)	1472000	1	1482100	1
58-3	Spiral Assembly - 5 Selection Snack Tray (See Figure 23, Model 147/148, for Breakdown)	-----	4	N/A	
	Spiral Assembly - 4 Selection Snack Tray (See Figure 23, Model 147/148, for Breakdown)	N/A		-----	4
58-4	Spiral Assembly - 10 Selection Candy Tray (See Figure 22, Model 147/148, for Breakdown)	-----	2	N/A	
	Spiral Assembly - 8 Selection Candy Tray (See Figure 22, Model 147/148, for Breakdown)	N/A		-----	2
58-5	Panel Assembly - Monetary (See Figure 24, Model 147/148, for Breakdown)	1475000	1		
58-6	Filler - Long (Screw #8-32 X 5/16 Hex Hd, T/F, Black)	4611018	1	N/A	
	(Screw #8-18 X 5/8 Hex W/Hd)	1451097	2	N/A	
		4727144	1	N/A	
	Filler - Short	N/A		4621004	1
	(Screw #8-32 X 5/16 Hex Hd, T/F, Black)	N/A		1451097	2
	(Screw #8-18 X 5/8 Hex W/Hd)	N/A		4727144	1
58-7	Cooling Unit Assembly (See Figure 61 for Breakdown) (Screw - Lock Keeper)	----- 1141046	1 2		
58-8	Plastic Bag Assembly - Not Shown Includes the following:	-----	1		
	Bag - Plastic	1300018	1		
	Documentation Package	1470061	1		
	Contents List - Bag Assembly	1470044	1		
	Price Roll - Dollars	1477015	2		
	Selection ID Labels: A0 thru A9	1477076	1		
	Selection ID Labels: B0 thru B9	1477077	1		
	Selection ID Labels: C0 thru C9	1477078	1		
	Selection ID Labels: D0 thru D9	1477079	1		
	Selection ID Labels: E0 thru E9	1477080	1		
	Selection ID Labels: F0 thru F9	1477081	1		

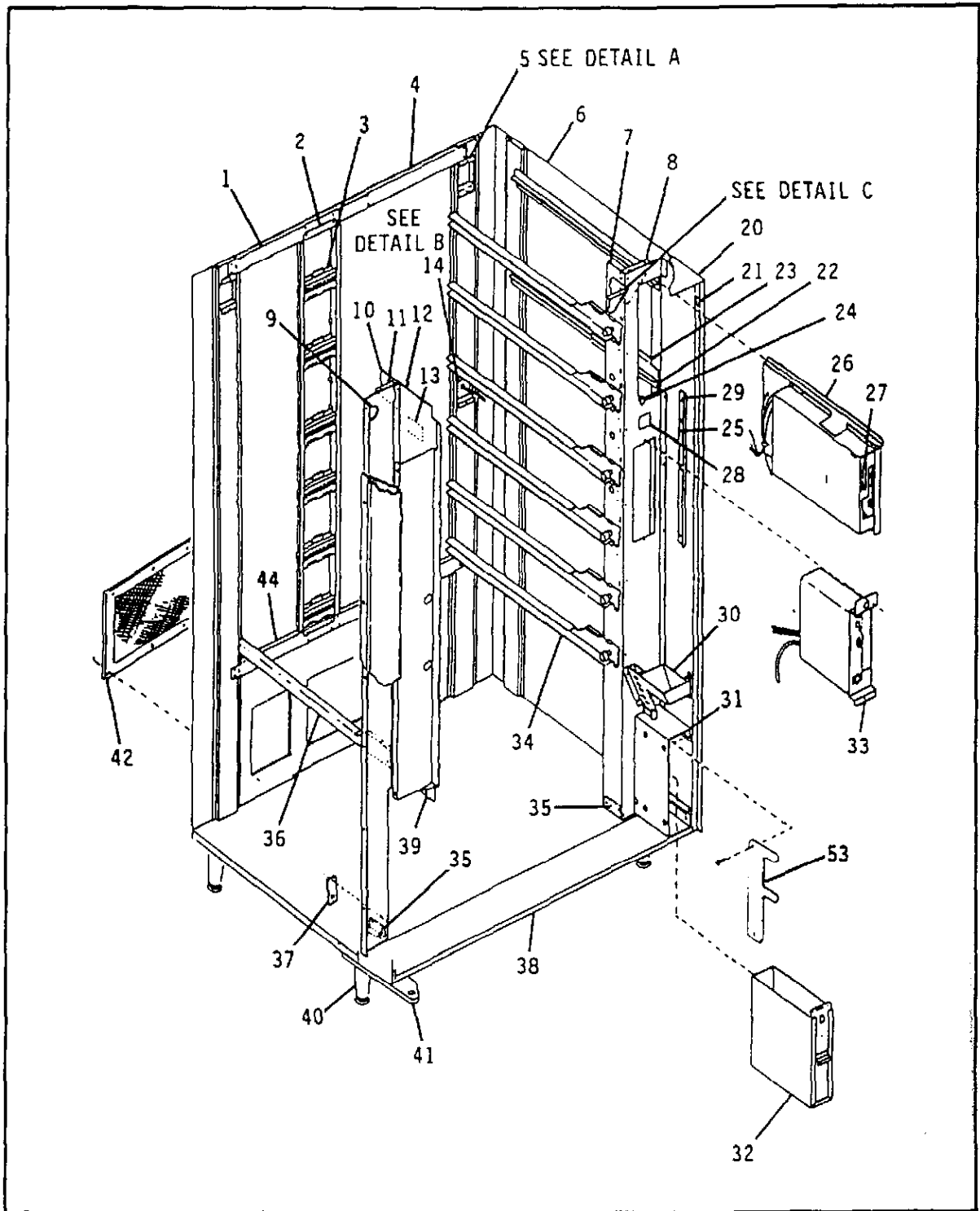


Figure 59. Common Cabinet - Models 461 and 462
(Sheet 1 of 3)

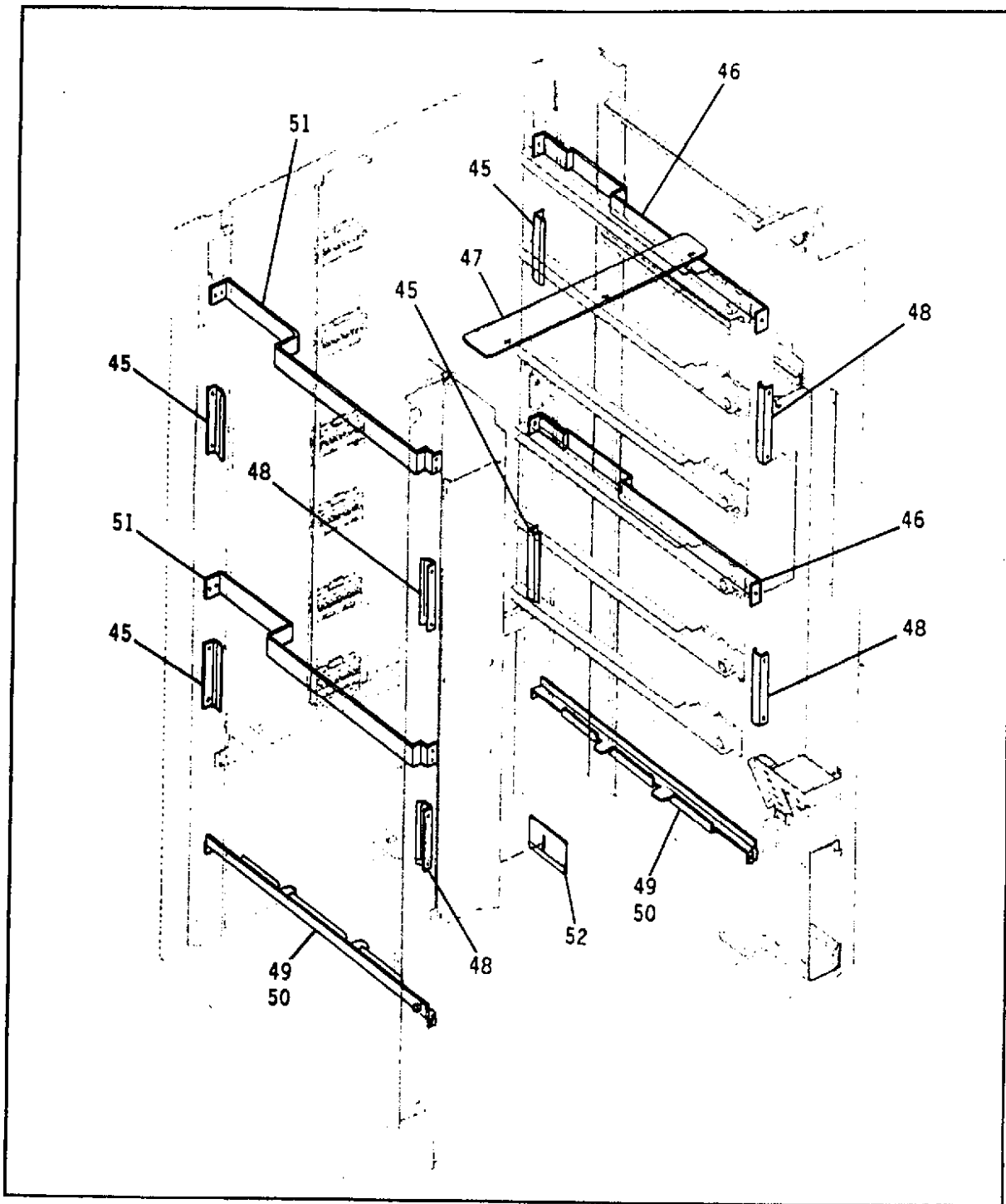


Figure 59. Common Cabinet - Models 461 and 462
(Sheet 2 of 3)

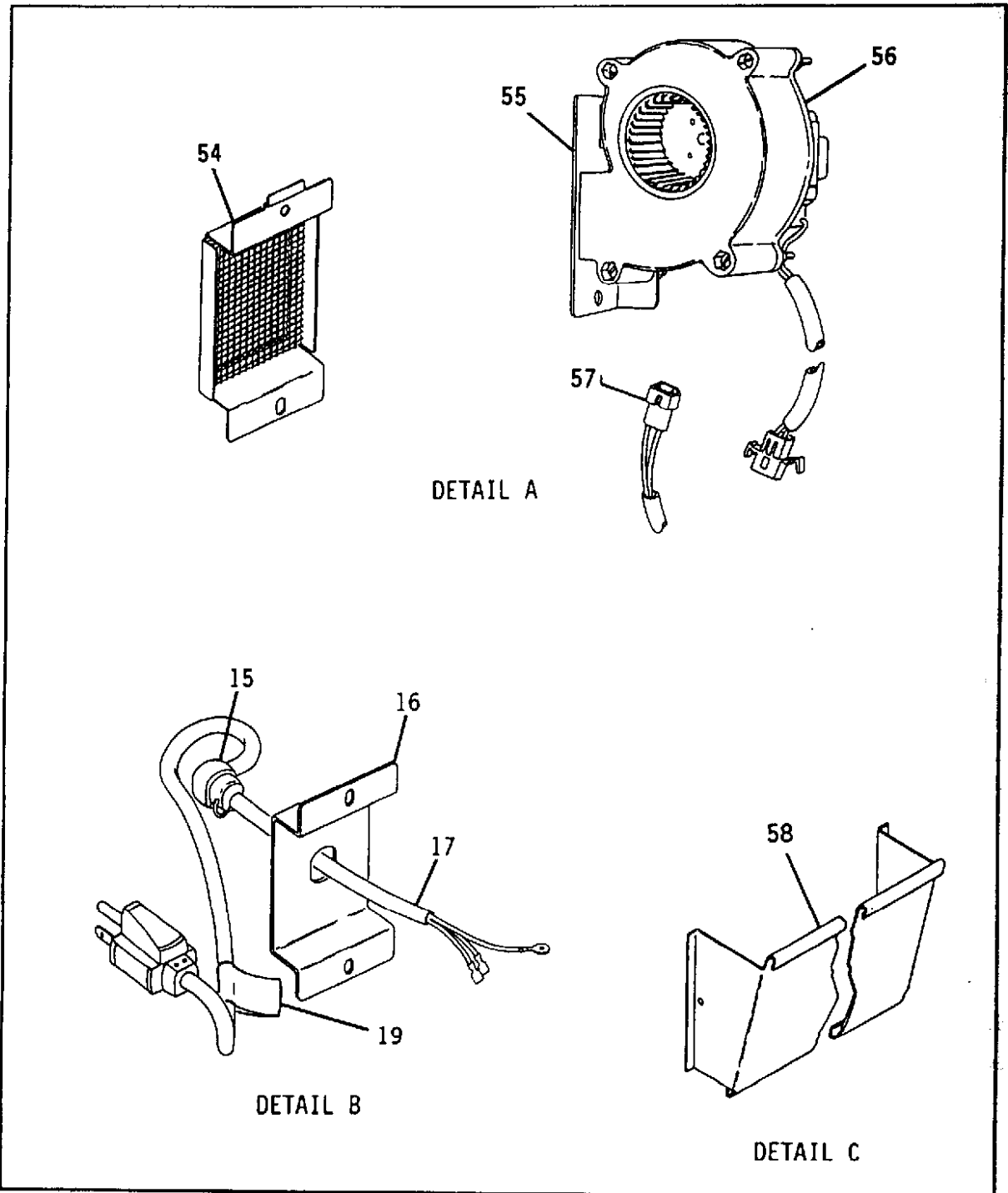


Figure 59. Common Cabinet - Models 461 and 462
(Sheet 3 of 3)

FIGURE- INDEX NUMBER	DESCRIPTION	461		462	
		PART NO.	QTY.	PART NO.	QTY.
59-	Cabinet - Common (See Figure 58, Index 1 for Next Higher Assembly)	-----	Ref	-----	Ref
59-1	"U" Channel - Receptacle Mounting (Screw #8-32 x 5/16, Hex Hd, T/F)	1471145 1451097	2 4	1481038	1
59-2	Channel - Mounting - Receptacle 5, 6 or 7 Tray Option (Screw #8-32 x 5/16, Hex Hd, T/F) (Screw #8-32 x 1/2, Hex Hd, T/F, BLK) (Used in upper right in place of 1, 1451097 screw)	1471120 1451097 4741050	1 4 1		
59-3	Receptacle Block and PCB Assembly A = 5 in 5 Tray Option A = 6 in 6 Tray Option A = 7 in 7 Tray Option	1471066	A		
59-4	Tag - Electrical Rating	4611009	1	4621001	1
59-5	Cover - Exhaust Fan Hole (Screw #8-32 x 5/16, Hex Hd, T/F)	1471090 1451097	2 2		
59-6	Cabinet Assembly - Weldment	4611075	1	1481060	1
59-7	Channel - Tray Rail Mounting - RH (Screw #8-32 x 5/16, Hex Hd, T/F)	1471211 1451097	1 10		
59-8	Gusset - Mounting Channel - RH (Screw #8-32 x 5/16, Hex Hd, T/F)	1471085 1451097	1 2		
59-9	Snap Bushing	6106021	1		
59-10	Gusset - Mounting Channel - LH (Screw #8-32 x 5/16, Hex Hd, T/F)	1471057 1451097	1 2	1481017	1
59-11	Channel and Support Assembly - Tray Rail (Screw #8-32 x 5/16, Hex Hd, T/F)	1471225 1451097	1 12	N/A N/A	
	Channel - Tray Rail Mounting - LH (Screw #8-32 x 5/16, Hex Hd, T/F)	N/A N/A		1481045 1451097	1 12
59-12	End Plate Display - LH (Screw #8-32 x 5/16, Hex Hd, T/F) (Screw #8-18 x 3/8, LGM) (Nut #8-32 W/LW)	1471114 1451097 4721035 9900081	1 3 3 1	1481023	1 3 2 1
59-13	Label - Model Designation	4611010	1	4621002	1
59-14	Power Cord and Bracket Assembly (Screw #8-32 x 5/16, Hex Hd, T/F)	4751031 1451097	1 2		
59-15	Bushing - Right Angle	7101028	1		
59-16	Bracket - Mounting - Power Cord	1471065	1		
59-17	Grounded Cord Set Assembly	2221041	1		
59-18	DELETED				
59-19	Label - Power Cord	9989526	1		

FIGURE- INDEX NUMBER	DESCRIPTION	461		462	
		PART NO.	QTY.	PART NO.	QTY.
59-20	Extension Assembly - Cabinet - Top (Screw #8-32 x 5/16, Hex Hd, T/F) (Screw #8-18 x 3/8, LGM)	1471227	1	1481052	1
		1451097	5		4
		4721035	4		4
59-21	Lock Arm - Cabinet (Screw #10-32 x 3/8)	1471160	2		1
		1217161	2		
59-22	Cup - Spacer	1302289	1		
59-23	Guide Rail - Control Panel (Screw #8-32 x 5/16, Hex Hd, T/F)	1471013	2		
		1451097	4		
59-24	Edge Mount - Harness Wire Tie (Screw #8-32 x 1/2, PHS, T/C, W/LW)	1411122	1		1
		2204513	2		
		9900197	1		
59-25	Stop - Monetary Panel (Screw #8-18 x 3/8, LGM)	1471009	1		
		4721035	3		
59-26	Controller Assembly (See Figure 10 for Breakdown)	4741012	1		
59-27	Clamp - Wire (Screw #8-32 x 5/16, Hex HD, T/F) Cover - Clamp	1451042	1		
		1451097	2		
		1451043	1		
59-28	Label - Caution - Electrical Connection	9989411	1		
59-29	Spacer - Cup (Screw #8-18 x 5/8, Hex Hd)	2302053	1		
		4727144	1		
59-30	Chute Assembly - Payout (Screw #8-32 x 5/16, Hex Hd, T/F) (Screw #8-18 x 3/8, LGM)	1471049	1		
		1451097	2		
		4721035	2		
59-31	Housing Assembly - Money Box (Screw #8-18 x 3/8, LGM)	1471040	1		
		4721035	4		
59-32	Box Assembly - Money	1471045	1		
59-33	Power Panel Assembly (See Figure 11 for Breakdown) (Screw #8-32 x 5/16, Hex Hd, T/F)	4751038	1		
		1451097	2		
59-34	Tray Guide Rail Assembly - RH A = 5 in 5 Tray Option A = 6 in 6 Tray Option A = 7 in 7 Tray Option (Screw #8-32 x 5/16, Hex Hd, T/F)	1471140	A		
		1451097	1		
59-35	Angle - Tray Rail Mounting Channel (Screw #8-32 x 5/16, Hex Hd, T/F)	1471010	2		
		1451097	2		
59-36	Tray Guide Rail Assembly - LH A = 5 in 5 Tray Option A = 6 in 6 Tray Option A = 7 in 7 Tray Option (Screw #8-32 x 5/16, Hex Hd, T/F)	1471140	A		
		1451097	1		

FIGURE- INDEX NUMBER	DESCRIPTION	461		462	
		PART NO.	QTY.	PART NO.	QTY.
59-37	Plate and Spring Assembly - Door Check (Screw #8-32 x 5/16, Hex Hd, T/F)	1451039	1		
		1451097	2		
59-38	Cabinet Extension - Lower (Screw #8-32 x 5/16, Hex Hd, T/F) (Screw #8-18 x 3/8, LGM)	1471128	1	1481018	1
		1451097	5		4
		4721035	4		4
59-39	Deflector - Product (Screw #8-32 x 3/8, T/H, Black) (Nut #8-32 W/LW)	N/A		1482132	1
		N/A		1170206	2
		N/A		9900081	2
59-40	Leg and Leveler Assembly - Cabinet (Screw #5/16-18 x 1.00, Hex Hd, T/F) Leveler - Cabinet	1471237	4		
		1451093	4		
		1471098	4		
59-41	Plate and Support Assembly - Lower Hinge (Bolt - Carriage #5/16-18 x 3/4 Hex) (Nut #5/16-18 Self-Locking)	1471014	1		
		1171021	2		
		1171022	2		
59-42	Screen Assembly - Vent (Screw #8-32 x 5/16, Hex Hd, T/F)	4741001	1		
		1451097	6		
59-43	Plug - Hole (Not Shown)	N/A		1431082	1
59-44	"U" Channel - Receptacle Mounting	N/A		1481019	1
59-45	Angle - Insulation Stop - Rear (Screw #8-32 x 5/16, Hex Hd, T/F)	4611012	4		
		1451097	2		
59-46	Strap - Insulation Support - RH (Screw #8-32 x 5/16, Hex Hd, T/F)	4611017	2		
		1451097	3		
59-47	Retainer - Top Insulation	4611013	1	4621003	1
59-48	Angle - Insulation Stop - Front (Screw #8-32 x 5/16, Hex Hd, T/F)	4611011	4		
		1451097	2		
59-49	Channel - Insulation Mounting (Screw #8/32 x 5/16, Hex Hd, T/F) (Screw #8-32 x 3/8, THS, Black) (Nut #8-32 W/LW)	4611015	2		
		1451097	1		
		1170206	1		
		9900081	1		
59-50	Spacer - PC Board	4302134	1		
59-51	Strap - Insulation Support - LH (Screw #8-32 x 5/16, Hex Hd, T/F)	4611016	2		
		1451097	3		
59-52	Shutter - Air Duct (Mounts to LH Air Duct Insulation) (Screw #8-32 x 5/16, Hex Hd, T/F)	4611007	5		
		1451097	1		
59-53	Bracket - Door Support (Screw - Sheet Metal #8 x 3/8, PHS, W/LW)	1471278	1		
		4047057	2		
	<u>OPTIONS</u>				
59-54	Bracket and Screen Assembly - Exhaust Fan (Screw #8-32 x 5/16, Hex Hd, T/F)	1471054	1		
		1451097	2		

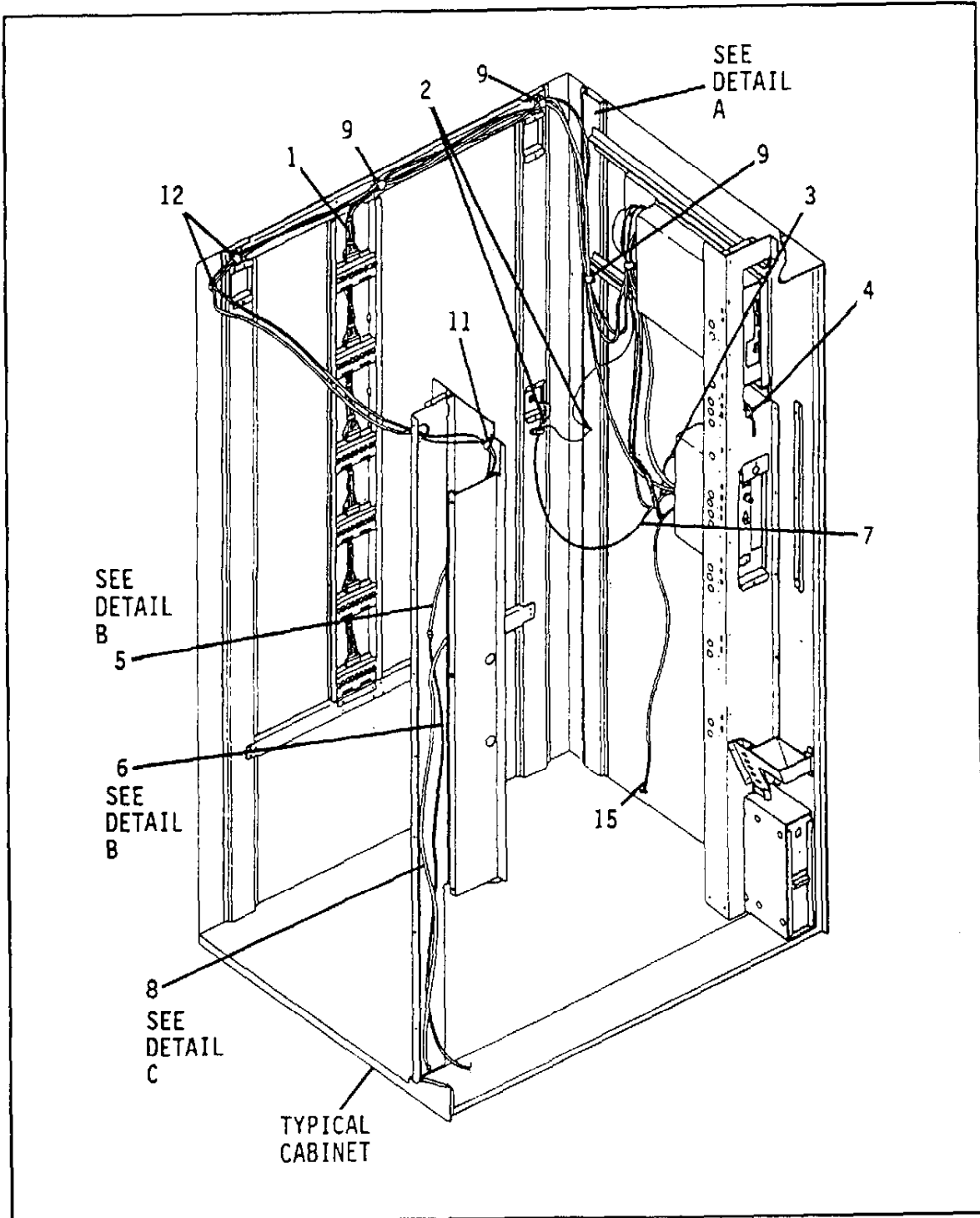


Figure 60. Harnesses and Cable Clamps - Models 461 and 462
(Sheet 1 of 2)

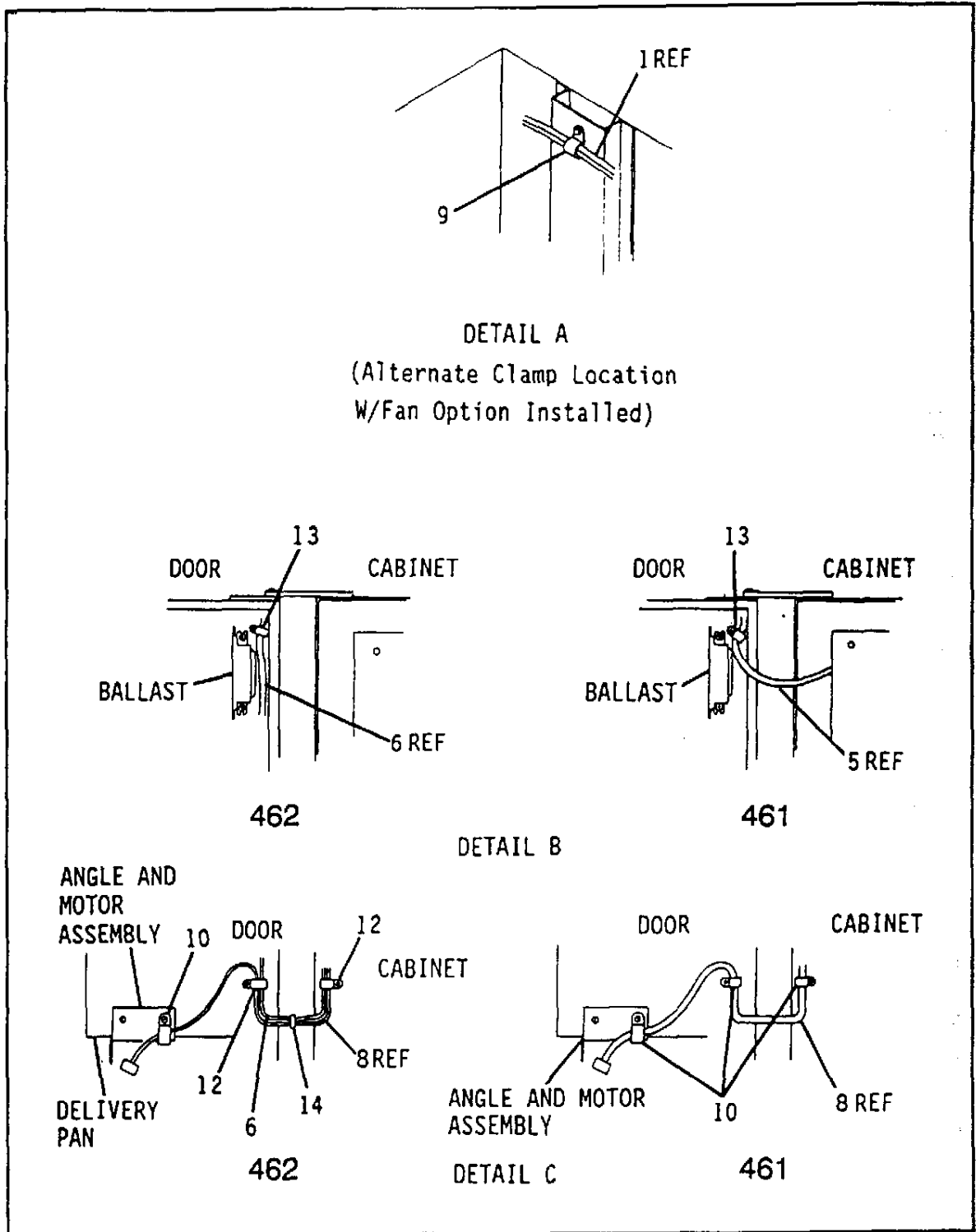


Figure 60. Harnesses and Cable Clamps -Models 461 and 462.
(Sheet 2 of 2)

FIGURE- INDEX NUMBER	DESCRIPTION	461		462	
		PART NO.	QTY.	PART NO.	QTY.
60-	Harness Routing	-----	Ref	-----	Ref
60-1	Harness - Cabinet - 6 Tray	1471183	1		
60-2	Screw - Ground #8-32 x 5/16, Hex Hd, T/F (Lockwasher #8)	1451097 6131148	2 2		
60-3	Power Supply - Interface to Controller	1471100	1		
60-4	Harness - Validator	1471073	1		
60-5	Jumper - Fluorescent Light	4611056	1		1
60-6	Jumper - Fluorescent Light	N/A		1481024	1
60-7	Harness - Power Cord to Control Box	4751148	1		
60-8	Jumper - Gum and Mint	1471112	1		
60-9	Clamp - Cable - 9/16 (Screw #8-32 x 3/8, THS, Black)	3106144 1170206	3 1		
60-10	Clamp - Cable - 3/8 (Screw #8-32 x 3/8, THS, Black)	1452139 1170206	3 1		1
60-11	Clamp - Cable - 3/8 (Screw #8-32 x 3/8, THS, Black) (Nut #8-32 W/LW)	2302227 1170206 9900081	1 1 1		
60-12	Clamp - Cable - 1/2 (Screw #8-32 x 5/16, Hex Hd, T/F)	N/A N/A		4732024 1451097	4 1
60-13	Clamp - Cable - 1/4 (Screw #8-32 x 5/16, Hex Hd, T/F)	1211161 1451097	1 1		1 1
60-14	Wire Tie - Self-Clinching	N/A		4042121	1
60-15	Harness - Power to Chiller Compressor	4611029	1		

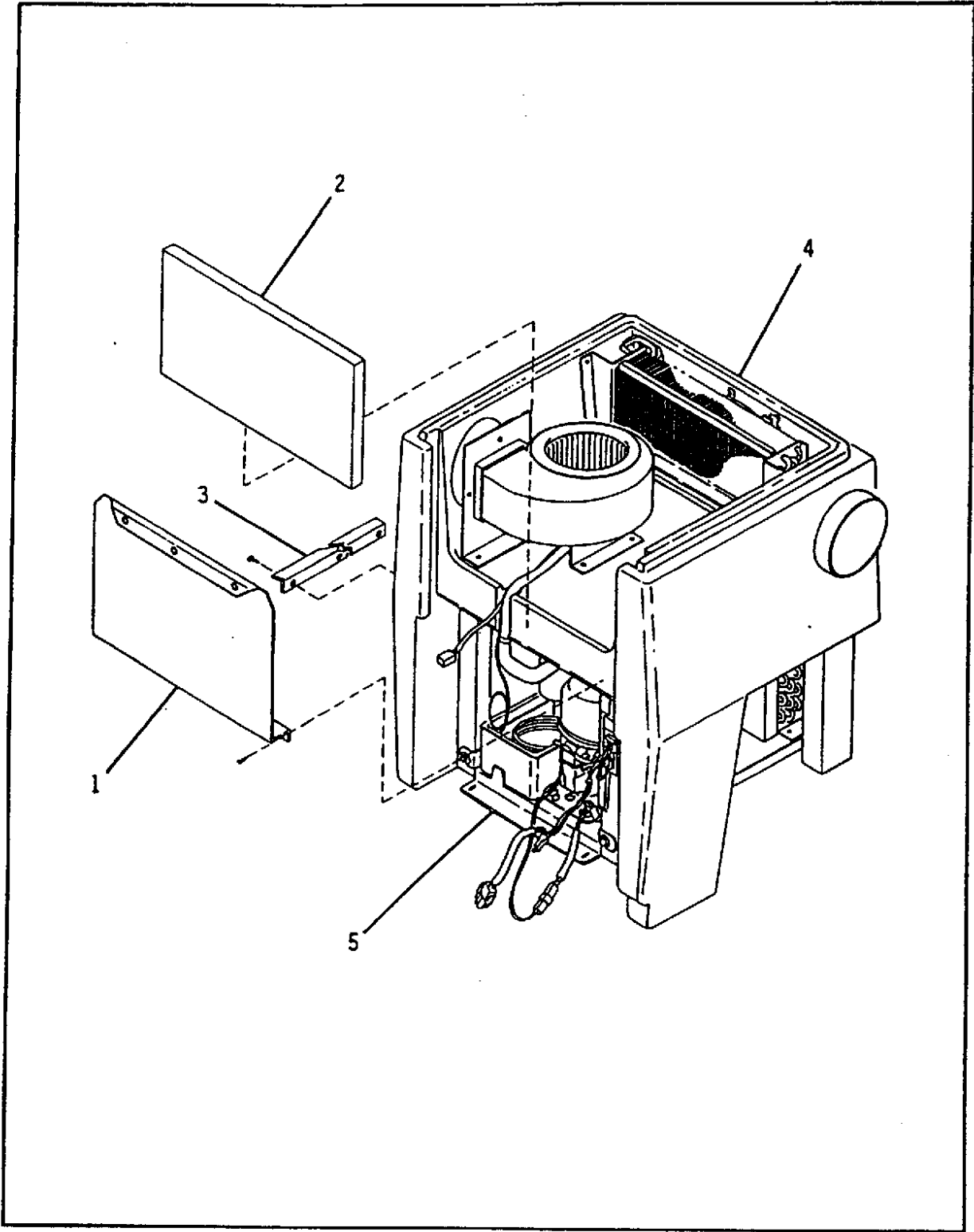


Figure 61. Cooling Unit Assembly

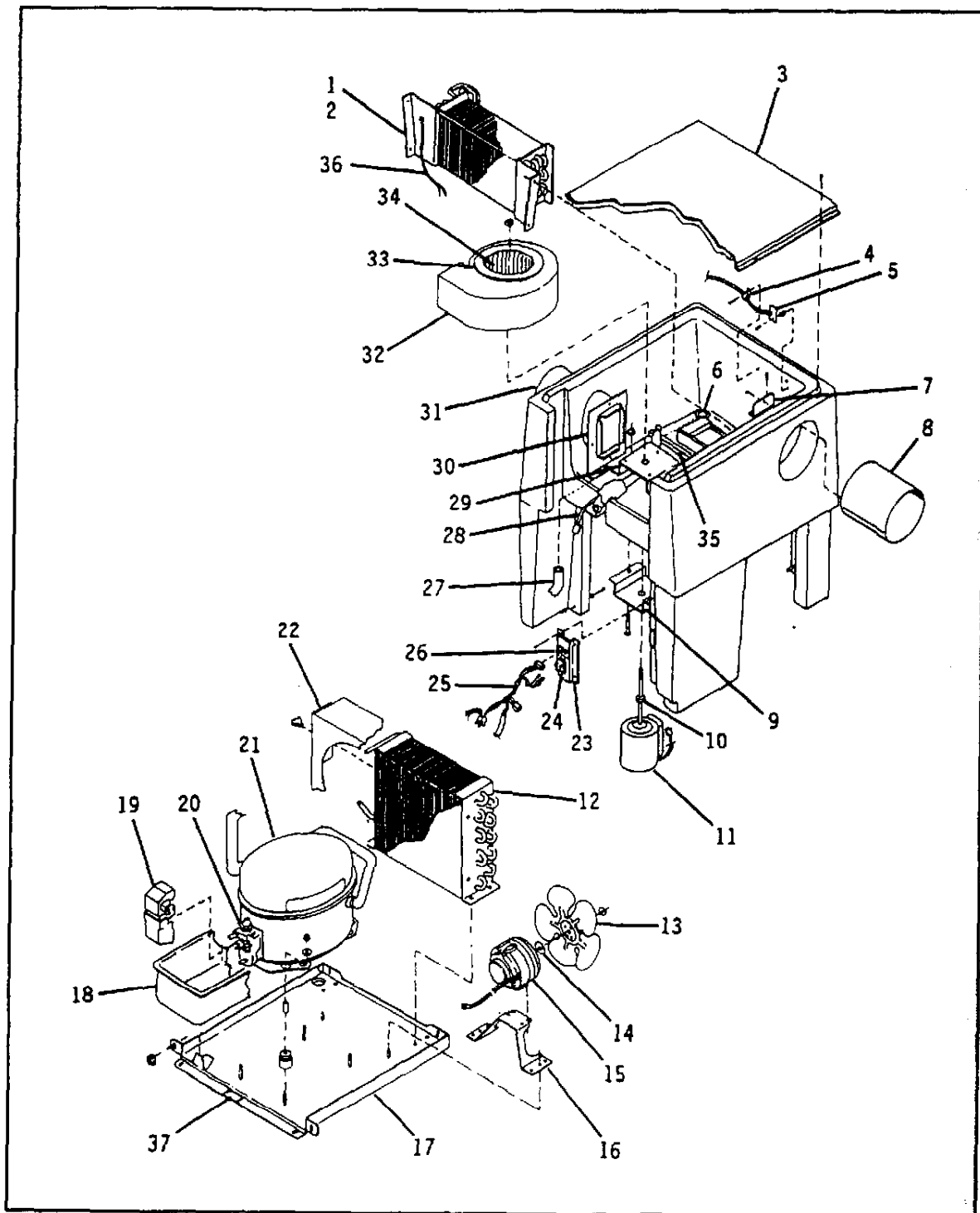


Figure 62. Cooling Unit Final Assembly

FIGURE- INDEX NUMBER	DESCRIPTION	461		462	
		PART NO.	QTY.	PART NO.	QTY.
62-	Cooling Unit Final Assembly (See Figure 61, Index 5 for Next Higher Assembly)	4614041	Ref		
62-1	Evaporator and Tube Assembly (Screw #8-18 x 5/8, Hex Hd) Seal - Evaporator to Cover	4614036 4727144 4614057	1 4 1		
62-2	Insulation - Tubing (Wiretie)	4614034 2204513	1 3		
62-3	Cover - Refrigeration Module Housing (Screw #8-18 x 5/8, Hex Hd)	4614080 4727144	1 9		
62-4	Clip - Wire Harness - 1/4 ID (Screw #8-18 x 5/8, Hex Hd)	2342315 4727144	1 1		
62-5	PCB Assembly - Temperature Sensor (Screw #6-20 x 3/4, Hex Hd) (Spacer - PC Board)	4302530 4617101 4302134	1 4 1		
62-6	Drain - Water Bath	3128063	1		
62-7	Bracket - Air Duct Mounting (Screw #8-18 x 5/8, Hex Hd)	4614044 4727144	1 2		
62-8	Tube - Short Air Duct (Screw #8-18 x 3/8, LGM)	4614022 4721035	1 1		2
62-9	Bracket - Blower Motor	4614050	1		
62-10	Seal - Blower Motor	4301263	2		
62-11	Motor - Blower (Nut #10-32 W/LW)	4241283 9900164	1 2		
62-12	Condensor (Screw #8-18 x 3/8 LGM)	4614016 4721035	1 4		
62-13	Blade - Condensor Fan (Nut - Speed #1/4-20)	4614025 4043122	1 1		
62-14	Silencer - Fan - Morrill - S-584(Included with Index 15)	4043121	1		
62-15	Motor - Condensor Fan (Screw #8-32 x 3/8, Hex W/Hd)	3608235 3157060	1 4		
62-16	Bracket - Condensor Motor (Nut #1/4-20 KEPS)	4744009 1211105	1 2		
62-17	Base and Stud Assembly (Bolt #1/4-20 x 1-1/2, Hex Hd) (Nut #1/4-20 KEPS)	4614079 3608119 1211105	1 2 2		
62-18	Pan - Condensate	4614019	1		
62-19	Bale Strap - Terminal Cover and	4614005	1		
62-20	Electrical Assembly - Relay W/Overload	4614002	1		

FIGURE- INDEX NUMBER	DESCRIPTION	461		462	
		PART NO.	QTY.	PART NO.	QTY.
62-21	Compressor - 115 Volt (Nut #1/4-20 KEPS) (Washer - Steel - 3/4 OD x 1/4 ID) (Grommet - 11/16 LG) (Sleeve - 23/32 LG) (Nut #1/4-20 Self-Locking) (Adaptor - Tab-To-Screw) (Screw #6-32 x 1/4, PHS)	4614055	1		
		1211105	2		
		1140351	8		
		4614006	4		
		4614007	4		
		9900184	2		
		4614076	2		
		9900124	2		
62-22	Shroud - Condensor Fan (Clip - Speed - Dart Style)	4614039	1		
		4043082	4		
62-23	Support - Triac (Screw #8-18 x 5/8, Hex Hd) (Screw #8-18 x 2.00, Tapping HHS) (Speed Nut - Ballast)	4614023	1		
		4727144	3		
		4744056	1		
		2221032	1		
62-24	Triac - 35A - 600V (Screw #6-32 x 3/8, RHS, W/LW) (Nut #6-32 W/LW)	9983778	1		
		9900009	2		
		9900078	2		
62-25	Harness - Compressor - Chiller	4614053	1		
62-26	PCB Assembly - Chilled Candy Ref. Driver (Spacer - Chassis to PCB - 1/4)	9989505	1		
		9989430	3		
62-27	Drain - Condensate	4301034	1		
62-28	Harness - Temperature Board	4614052	1		
62-29	Bracket - Blower Housing (Bolt - #1/4-20 x 2-1/4, Hex Hd) (Screw #1/4-20 x 2-1/2, Hex Hd) (Nut #1/4-20 Self-Locking) Gasket	4614064	1	N/A 1271014	2
		1461027	2		
		N/A			
		9900184	2		
		4614058	2		
62-30	Inlet - Air Duct (Screw #8-18 x 5/8, Hex Hd) (Screw #8-18 x 3/8, LGM)	4614063	1		
		4727144	2		
		4721035	4		
62-31	Tube - Long Air Duct (Insulation - Long Tube)	4614020	1		
		4614026	1		
62-32	Housing - Blower (Screw #8-32 x 5/16, THS, S/T) (Seal - Blower Motor)	4301055	1		
		9900166	3		
		4301263	2		
62-33	Ring - Blower Housing (Screw #8-18 x 3/8, LGM)	4301057	1		
		4721035	3		
62-34	Wheel - Blower	4301056	1		
62-35	Dam - Condensate	4614059	1		
62-36	Wire - Ground (Screw #8-18 x 3/8, LGM)	1211046	1		
		4721035	2		
62-37	Label - Caution - Refrigeration	4304001	1		

AVAILABLE KITS

147	148	462/474	461/475	KIT DESCRIPTION
1479050	1489010	1489010	1479050	Gum and Mint Assembly
1471200	1481039	1481039	1471200	Base Plate and Accessory Assembly - Black
1477093	1477093	1477093	1477093	Gum and Mint Spirals - Dual
1457089	1457089	1457089	1457089	Spiral Retainers - White Pack of 40
1479142	1489011	1489011	1479142	Gum and Mint Support Rod
1477146	1477146	1477146	1477146	Tray Stop, Replacement Block
-----	-----	-----	4751089 Model 475 only	Spray Hose
1472247	1482216	1482216	1472247	Bottom Panel Edge Protector
1475088	1475088	1475088	1475088	Credit Display PCB Replacement
1471243	1471243	1471243	1471243	Ctrl Chas Assy - MARS Adapt

APPENDIX

**Rotary Delivery Pan Assembly for 147, 461
(Part Number 1472400)**

DESCRIPTION	PART NUMBER	QTY
Screw - #8-32 x .31 Hex Hd. TF - BLK.	1451097	8
Screw - #10-32 x .31 THS T/F BLK.	1452312	5
End Disc & Del Door Assy - LG.	1472401	1
End Disc & Pilf. Door Assy - LG.	1472406	1
End Plate Assy - L.H.	1472410	1
End Plate Assy - R.H.	1472416	1
Channel - Pilferage Guard - Long	1472420	1
Guard - Pilferage - Long	1472421	1
Filler - Lower Front - Long	1472422	1
Filler - Lower Rear - Long	1472423	1
Deflector - Product - L.H.	1472424	1
Deflector - Product - R.H.	1472425	1
Deflector Assy - L.H.	1472428	1
Spring Price Diff Arm Rear	2224042	1
Deflector Assy - R.H.	4402014	1
Screw - #8-18 x .38 - LGM	4721035	8

**Rotary Delivery Pan Assembly for 148 and 474, 475, and 476 With Can Module
(Part Number 1482431)**

DESCRIPTION	PART NUMBER	QTY
Screw - #8-32 x .31 Hex Hd. TF - BLK.	1451097	8
Screw - #10-32 x .31 THS T/F BLK.	1452312	5
End Plate Assy - L.H.	1472410	1
End Plate Assy - R.H.	1472416	1
Deflector - Product - L.H.	1472424	1
Deflector - Product - R.H.	1472425	1
End Disc & Del Door Assy - Sh.	1482401	1
End Disc & Pilf. Door Assy - Sh.	1482404	1
Channel - Pilferage Guard - Short	1482407	1
Guard - Pilferage - Short	1482408	1
Filer - Lower Front - Short	1482409	1
Filler - Lower Rear - Short	1482410	1
Spring - Price Diff. Arm Rear	2224042	1
Deflector Assy - R.H.	4402014	1
Screw - #8-18 x .38 - LGM	4721035	8

APPENDIX

**Refrigeration Unit - Domestic - R134a for 461, 462
(Part Number 4614119)**

DESCRIPTION	PART NUMBER	QTY.
Washer - Steel 3/4 x .264 x .090	1140351	2
Nut - 1/4 - 20 Whiz - Lock	1172021	2
1/4 - 20 KEPS Nut Ext LW ZP	1211105	2
Cable Clamp - Richco #N4	1211161	2
Speed Nut Ballast	2221032	1
Drain Water Bath	3128063	1
Drain - Condensate	4301152	1
Spacer - P.C. Board	4302134	2
Label - R134a - Small	4304192	1
Support Assy - PCB & Triac	4614048	1
Harness - Temp. B.D.	4614052	1
Seal (Evaporator to Cover)	4614057	1
Dam - Condensate	4614059	1
Cover - Refrig. Module Housing	4614080	1
Bolt - .250 - 20 x 1.75 - Hex Hd.	4614107	2
Housing - Refrig. Module	4614117	1
Insulation - Refrig. Housing - Top	4614118	1
Cooling Unit Final Assy - Dom.	4611421	1
Screw - #6-20 x .75 Hex Hd.	4617101	2
Screw - #8-18 x .38 - LGM	4721035	6
Screw - #8-18 x .62 Hex Head	4727144	22
Barbed Pin - .250 Dia.	4744021	2
Door - Refrig. Module	4744027	1
Door Retainer	4744042	1
Screw - #8-18 x 2.00 Lg. - Tap HHS	4744056	1
Fan - Evaporator - Axial	4774054	1
Screw - #8-32 - 3.0" Truss Hd	4774058	2
Washer 5/8 x .265 x .048 Zinc/Yel	6131066	2
Nut - #8-32 KEPS Zinc Plate	9900081	2
Washer Steel 7/16 x .203 x .032	9900121	2
Wire - Ground - 14"	9984094	1
PCB Assy - Temp. Sensor	9989548	1