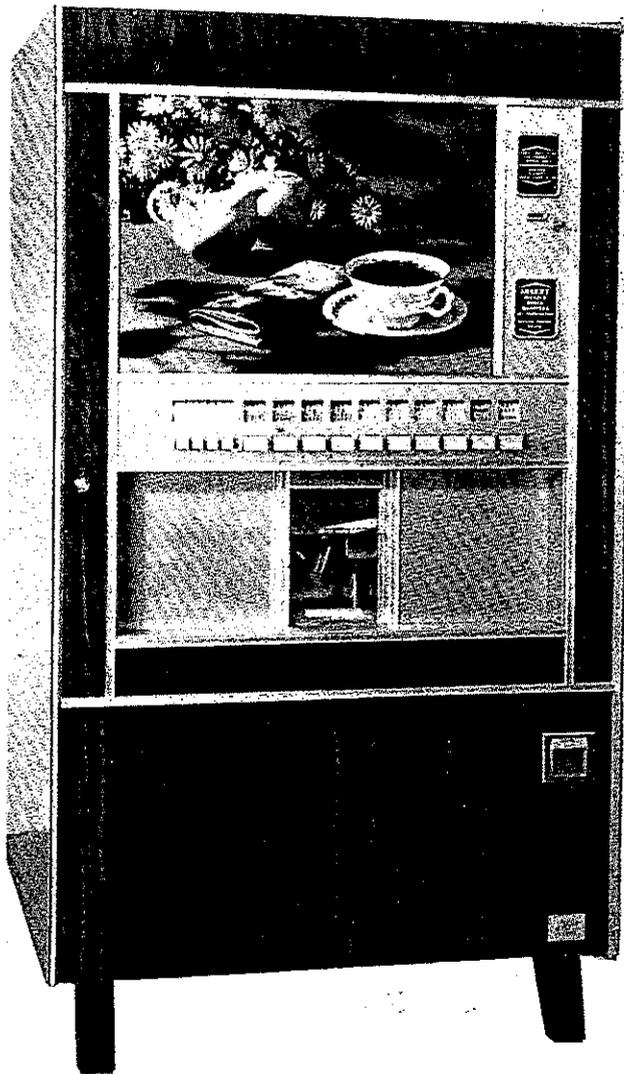


*Lektro
Vend*

**SERVICE
AND PARTS
MANUAL**



**MODELS
400 - 401 - 402
AND 403
COFFEE
MACHINES**

LEKTRO-VEND CORP.

**SHIPPING ADDRESS
911 WEST SULLIVAN ROAD
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Lektro Vend

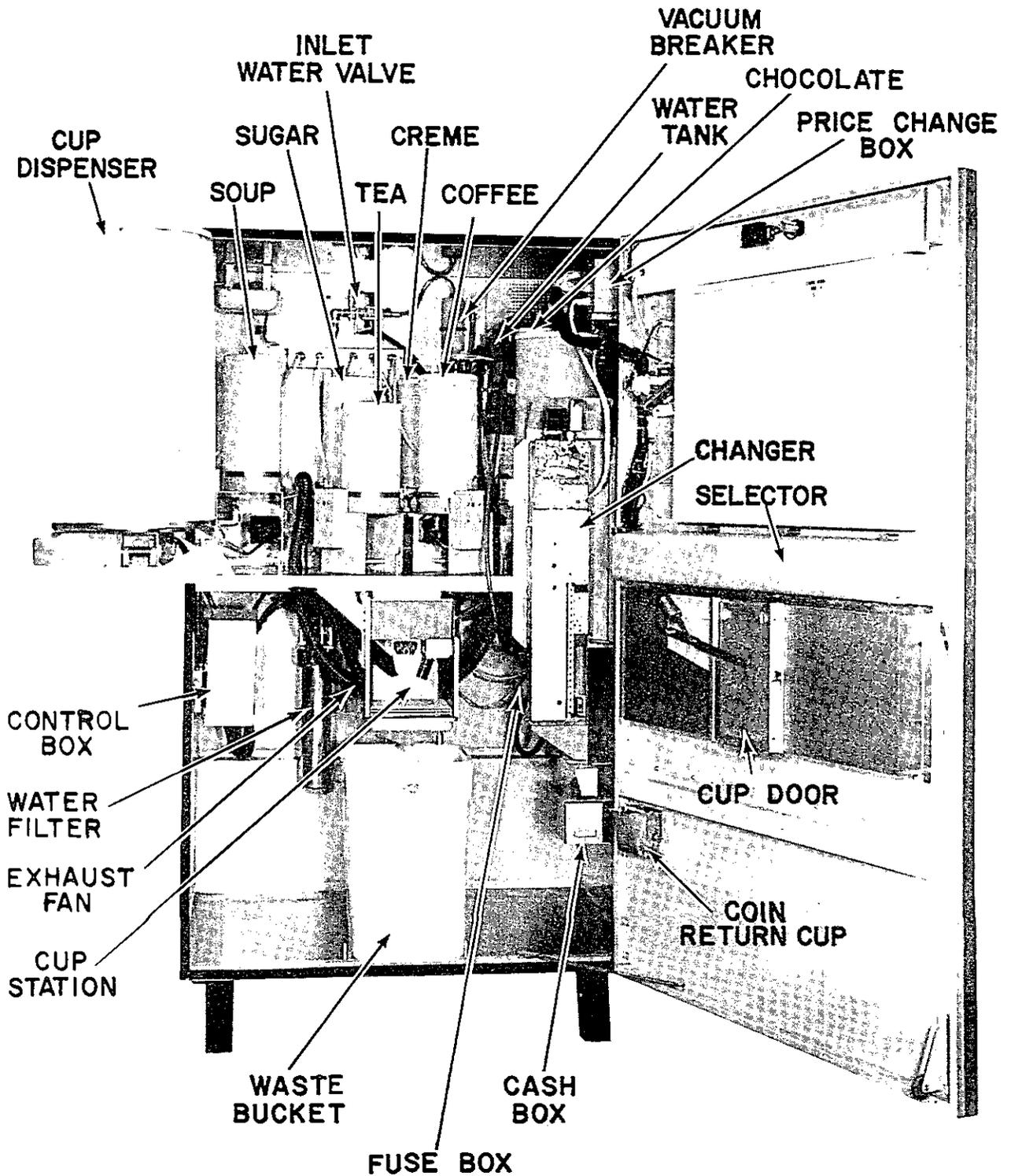


Figure 1 — LOCATION OF MAJOR ASSEMBLIES

MODEL DISTINCTION:

This catalog covers four models. The model 400, 401, 402 and 403. The machine pictured in Figure 1 is Model 400. This machine has coffee, chocolate, tea and soup. All models are constructed in exactly the same manner. The only difference being that in the other 3 models some ingredients are omitted. The Model 400 has all possible selections. It has coffee, chocolate, tea and soup; Model 401 has coffee, chocolate, and soup; Model 402 has coffee, chocolate and tea; Model 403 has only coffee and chocolate.

LEVELING MACHINES:

Your coffee machine is equipped with 4 leveling screws one in each leg. These screws are adjustable from the outside of the machine. Adjust these screws so the machine is level and does not rock or teeter on any of the four legs. It is important that the machine is level to get the maximum performance from the coin mechanism and to get the proper agitation from the mixing bowl to thoroughly mix the ingredients.

PRICE SETTING WITH LEKTRO-VEND 351 CHANGER:

Your coffee machine will sell at 3 different prices at one time, ranging from 5¢ to 45¢. The coin mechanism is set at the factory for 5¢, 10¢ and 15¢ sales. These 3 prices may be changed, however, they must be modified in the changer also. These instructions are found in the Model 351 changer manual. Each selection has 3 separate price settings. These price settings are found in the junction box at the upper right hand corner of the cabinet. To change the price, remove the two No. 8-32 screws and remove the price exchange cover. Remove the wire from the unwanted price terminal and replace it in the desired price terminal. The coin mechanism is shipped from the factory with price No. 1 corresponding to a 5¢ sale, price No. 2 - 10¢ sale and price No. 3

-15¢ sale. After setting price, replace cover to prevent unauthorized persons from changing the prices.

SETTING UP MACHINE TO USE THE NATIONAL "EM" CHANGER:

The national "EM" changer is basically for a 15¢ sale. All items in the machine must be set at the same price. For instructions on this changer see the instruction sheet enclosed with the changer.

The national "EM" changer may be used in the Lektro-Vend coffee machine by installing an adaptor plate. This adaptor plate mounts in exactly the same manner as the Lektro-Vend 351 changer and in turn, the national "EM" changer mounts onto the plate. In order to use the national "EM" changer, a jumper plug must be installed in the back of the price change box located in the upper right hand corner of the machine. This jumper plug is furnished with the adaptor plate. You also must put all price wires on price number 2 in the price exchange box.

OPERATION AND CHECK OUT:

In the cash box of each coffee machine you will find selection and price tags. There are 10¢ and 15¢ price tags and a number of different soup tags (if your machine is equipped for soup dispensing). The ingredients and price tags are located directly over each pushbutton on the front of the machine. In order to change these price tags, it is necessary to remove the selector cover. The selector cover is a tan plastic cover located on the inside of the door approximately in the center. To remove this cover, remove the 6 thumb screws around the outside of the cover and lift the cover off. After removing the cover, directly in back of the fluorescent light, you will see a stainless steel frame work. Pull out on the top and lift up to remove this frame work with all of the selection and price tags. Put in the proper selection and price tags and replace the frame work and the selector cover.

GENERAL MAINTENANCE:

A) CLEANING:

To maintain the quality of your drink, your Lektro-Vend coffee machine must be kept clean. The simplest way to clean the shelf of the coffee machine is to remove all canisters from the shelf. The cup drop will swing out of the way. It has a latch in back of the cup mechanism at the lower left hand side. Push this latch back and swing the cup mechanism out of the machine. The coin mechanism also swings out of the way. There is a latch on the shelf at the left hand side of the coin mechanism. Push this latch to the right, and swing the coin mechanism away from the shelf. To remove the canister and motor frame assembly from the shelf, it is necessary to lift the latch located on the front of the canister base upward and slide the canister base forward. The canister base must be unplugged and it may now be removed from the shelf. When removing the chocolate or soup canister base, it is necessary to disconnect the incoming water line and the outgoing ingredient line. These 2 lines are plastic tubing which slip over spigots extending from the whipper bodies. When replacing the canisters refer to Figure 1 for the proper location of each canister. Be sure that each canister is plugged into the proper receptacle. To remove the mixing bowl, disconnect the vacuum line which is the large hose coming into the top of the mixing bowl and the incoming water line and the outgoing ingredient line at the bottom of the bowl. The mixing bowl is held in place by 3 spring clips. Spring these clips out of the way and lift the bowl from the shelf. The bowl itself is made in two pieces. It snaps apart for easy cleaning. After cleaning, the bowl is easily snapped back together and replaced into the machine.

B) CLEANING COFFEE CANISTER NOZZLE:

You will note on the front of the coffee canister there is a sliding door. This door must be kept clean. It will open to dispense the coffee powder and close again after the dispensing. To remove the coffee gate assembly, loosen the thumb screw on the clamp at the neck of the

canister and slide the entire assembly forward. To remove the gate itself from the housing, remove the 2 thumb screws on top of the coffee gate assembly and slide the gate upward. After cleaning this assembly, be sure it is dry before replacing it on the coffee canister. When replacing the coffee gate assembly on the canister, be sure that the motor roller at the lower end of the gate assembly is engaged in the slot at the lower part of the coffee gate assembly. This roller drives the coffee gate up to dispense the coffee and lowers it again at the end of the cycle.

C) CLEANING OF THE CUP STATION:

The cup station is easily removeable. First remove the grill work in the bottom of the cup station. This will allow you to slide out the plastic tray under this grill work. You may now lift upward on the cup station and remove it from the 4 mounting rivets. On the back of the cup station there is a vacuum tube which may be pulled off after the cup station has been lifted from the machine. After thoroughly cleaning the cup station, replace it back on the machine and replace the lower tray into the cup station and replace the grill work. Be sure that the grill goes in so that the 2 rivets extending from the back of the cup station hold the back of this grill in its proper position.

D) CLEANING OF THE EXHAUST FAN SCREEN:

On the back wall of the cabinet under the center tray, you will find an exhaust fan. In back of this fan there is a screen which should be cleaned weekly. To remove this screen, remove the thumb screw located at the left hand side of the fan. Slide the screen out to the left and thoroughly wash screen. If screen becomes clogged and will not allow air to pass through, the exhaust system on the mixing bowl and at each whipper and in the cup station itself will become inactive, therefore, allowing steam to rise to the canister nozzles and possibly gumming up the ends of the auger drives. There is also another screen in the upper right hand corner of the cabinet. This is the intake screen

and probably will not have to be cleaned quite as often. To remove the intake screen, you remove the four mounting screws, one located at each corner.

E) FINISH:

The finish of your Lektro-Vend coffee machine is baked on enamel which will provide an attractive long wearing surface. This finish is similar to automobile finishes and should be treated in the same manner. Every few months clean and wax the machine to prolong the life of the paint and enhance the appearance. All unpainted parts are anodized aluminum, chrome plated or stainless steel, clean these parts with a damp cloth.

LUBRICATION:

Lubricate all moving parts in the machine every 6 to 12 months depending upon the use of the machine. **DO NOT LUBRICATE** any moving part in the ingredient canisters themselves or the whippers.

MACHINE EMPTY LIGHT:

The machine empty light on the front of the door is controlled by one of 3 things. If the water level in the water tank falls below a certain point, the lower switch on top of water tank will actuate, therefore, pulling in the out of order relay in the control box turning on the empty light on the front of the machine. This relay and light may also be turned on if the bucket in the bottom of the machine becomes too full rising the float up high enough to actuate the float switch or if the cup mechanism is out of cups the machine empty light will also turn on.

LOADING CUP MECHANISM:

To fill the cup mechanism, swing the cup mechanism out of the machine. You will find at the lower part of the cup mechanism on the left hand side a latch which must be pushed back in order to swing the cup mechanism out.

After the cup mechanism has been swung out of the vending machine cabinet you may tilt the cup mechanism down. Remove the cover and fill the cup mechanism with the size cups that the cup mechanism has been adjusted for. To change cup sizes, the cup ring must be readjusted. For these adjustments, see the cup mechanism manual. The cup station also has an adjustment for the cup size. On the right hand side of the cup station on the moveable flap (which holds the right hand side of the cup) there is a screw. This screw should be adjusted so that the cup falls into the cup station and just barely hits the grill work at the bottom. This will hold the cup firmly and keep it upright.

CONTROL BOX CAMS ADJUSTMENT

(Ingredient Throw Adjustment)

The control box is located under the center shelf of the machine on the left hand side. To adjust the ingredient cams and the water cams slide the control box out of the machine. Near the front of the control box between the control box and the side wall of the cabinet you will find a latch. Pull the lever to the right and slide the control box forward until it stops. To remove the cover of the control box there is a spring clip in the center top of the control box. Push this spring clip back and lift upward on the cover. Each switch and cam in the control box is plainly labeled. To increase the product throw or the water volume screw the proper screw in. This would be clockwise. (Do not screw the screw in too tight or it may cause damage to the switch.) Each ingredient should be set for the proper gram throw as shown in the chart below. The extra ingredient is a fixed cam and should not be adjusted. The amount of extra ingredients given when the extra ingredient button on the front of the machine is pushed is also listed in the chart below. To adjust the water volume open the three dump valves (located on the side of the water tank) all the way. This is done by turning the screw on the top of the valve counter-



clockwise as far as possible. Now adjust the water cam in the control box so you get the proper amount of water when vending a cup of coffee. Because there is only one water cam in the control box, in order to adjust the chocolate and soup water volume you must now adjust the water valve itself. This is done by closing the water valve turning the screw on the top of the water valve clockwise until you have cut down the volume of water in the cup for your soup and chocolate to a desired level. For best operation of the three dump valves always leave the dump valve open as far as possible.

CANISTER CAPACITY AND INGREDIENT GRAM THROW

	Recommended Gram Throw				Pounds Canister Capacity
	7 Oz. Cup	8 Oz. Cup	9 Oz. Cup	Ext. Ingrd.	
Coffee	1.5	1.7	2.0	+0.4	3
Crema	2.5	2.9	3.3	+0.7	5
Sugar	5.0	5.8	6.6	+2.3	10
Chocolate	23.0	26.8	30.6	--	18
Tea	1.3	1.5	1.7	+0.3	2 1/2
Soup	5.6	6.5	7.5	--	8

GENERAL WARRANTY

Equipment produced by the Lektro-Vend Corporation is guaranteed to be free from defects in workmanship and material, and will be replaced or repaired without charge when, upon inspection, items are found to be defective. Said warranty to cover one year (12 months) from date of shipment (except water valves). This warranty does not obligate us where parts or components have been injured by careless handling or improper application. This warranty is valid to the original purchaser only. The term original purchaser as used in this warranty will be deemed to be that person, firm, association or corporation to whom the machine referred to herein was sold originally.

WATER VALVE WARRANTY

The many differences in water, especially

liming conditions, will not allow the Lektro-Vend Corp. warranty to cover replacement or repair of the valve parts that normally contact the water.

ORDERING PROCEDURE

When ordering parts, the cabinet serial number and machine model number must accompany the order. This will help insure your obtaining the proper part. When ordering be sure to include the quantity desired, part number, and description of the part being ordered. All parts must be ordered from Lektro-Vend Corp., P.O. Box 649, Sullivan Road, Aurora, Illinois 60507. All parts will be shipped FOB Aurora, Illinois. Cost of transportation will be offset by credit if the defective part is still under warranty and is returned within 10 days. Any special handling such as air mail shipment, must be paid by purchaser.

RETURNING DEFECTIVE PARTS

Defective parts must be returned to Lektro-Vend Corp. Mailing address is P.O. Box 649, Aurora, Illinois 60507 and shipping address is 911 West Sullivan Road, Aurora, Illinois 60506. Defective parts must be returned within 10 days after receipt of replacement parts. If the part returned is found to be defective due to material or workmanship and is still under warranty, credit will be issued. If the defective part is not returned within 10 days, it will automatically be assumed that the item has been purchased by the customer.

DAMAGE IN SHIPMENT

Upon receipt of your equipment, it is your responsibility to note any visible damage to the outside of the crate that might affect the contents. This must be reported to the delivering carrier. Upon removal of the crate, if hidden damage is found, this also must be reported to the delivering carrier. We cannot be held responsible for damages incurred to the equipment while in transit. It is your responsibility

Lektro Vend

to report any damage incurred while in transit to the delivering carrier. We will assist you in every way possible. To obtain full benefit under the Lektro-Vend Corp. warranty, be sure to furnish the cabinet serial number and model

number when returning any parts, ordering parts, or in any other correspondence. When returning defective parts, always return them the most economical way, unless advised otherwise.

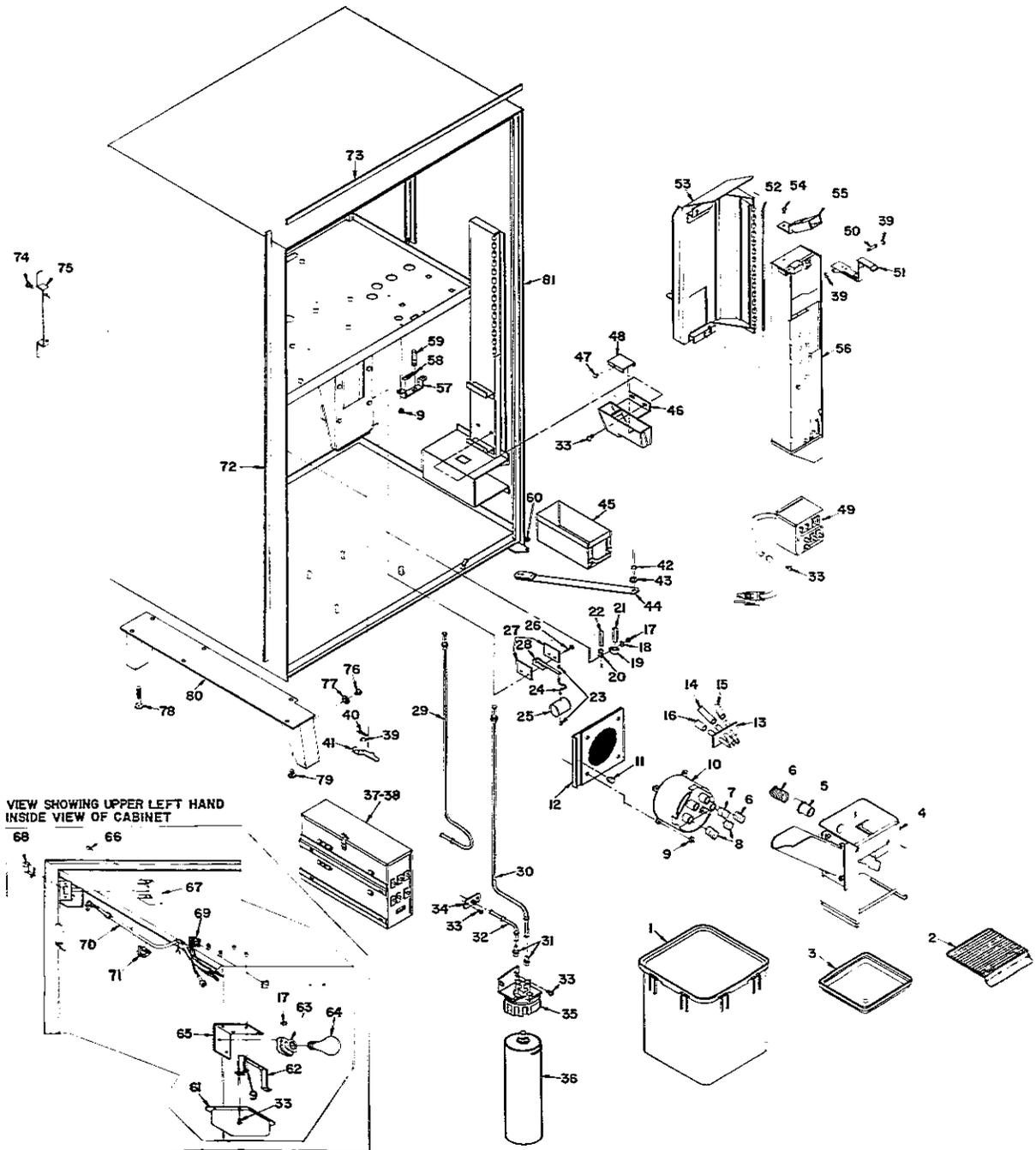


Figure 2-A — MACHINE FINAL ASSEMBLY

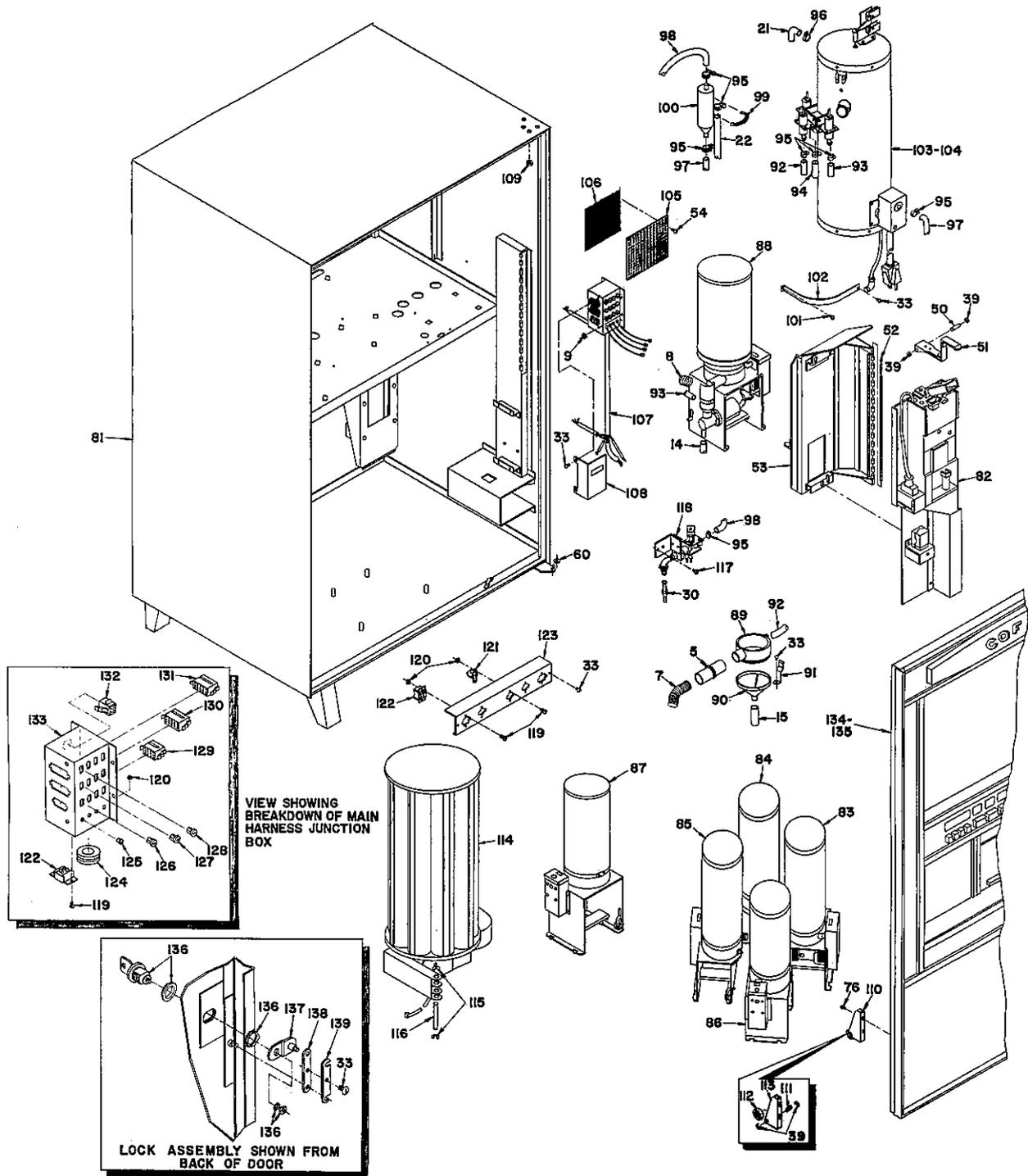


Figure 2-B — MACHINE FINAL ASSEMBLY

Lektro Vend

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-8062	Waste Bucket	1
2	400-4073	Cup Platform	1
3	400-3002	Drain Pan	1
4	400-5127	Cup Housing Assembly Complete	1
5	400-8054	Hose End 1-1/4 Dia. Hose	2
6	400-8070	Exhaust Tubing - Cup Housing	1
7	400-8071	Exhaust Tubing - Mixing Bowl	1
8	400-8072	Exhaust Tubing - Whipper Bowls	2
9	N20C832	Nut and Lockwasher 8-32	20
10	400-5049	Exhaust Fan Assembly	1
11	350-8024	Thumb Screw	1
12	400-5048	Screen Assembly	1
13	400-3004	Ingredient Spouts	1
14	400-8080	1/2 Tubing - Mixing Bowl To Ingredient Spout	1
15	400-8082	1/2 Tubing - Chocolate Whipper To Ingredient Spout	1
16	400-8083	1/2 Tubing - Soup Whipper To Ingredient Spout	1
17	S20C832-12	Screw and Lockwasher 8-32 x 3/4	3
18	W10C8	Washer No. 8	1
19	001-8018	Wire Clamp 5/8	1
20	001-8017	Wire Clamp 1/2	1
21	400-8084	1/2 Tubing - Overflow Tank	1
22	400-8079	3/8 Tubing - Overflow Vacuum Breaker	1
23	400-8024	Chain Connector	2
24	400-8041	1/8 Dia. Ball Chain	1
25	400-3045	Waste Bucket Float	1
26	S20C632-16	Screw and Lockwasher 6-32 x 1"	2
27	001-9012	Insulator	2
28	400-8022	Waste Switch	1
29	400-5118	Water Line - Inlet To Valves	0 to 1
30	400-5117	Water Line - Filter To Valves	0 to 1
31	400-8068	Male Connector	0 to 2
32	400-5116	Water Line (Inlet to Filter)	0 to 1
33	S20C832-5	Screw and Lockwasher 8-32 x 5/16	20
34	400-5173	Inlet Bracket and Fitting Assembly	1
35	400-8060	Water Purifier - Less Cartridge	0 to 1
36	400-8063	Cartridge 4H - Hot Drink	0 to 1
37	400-5055	Control Box Assembly Models 400, 401	0 to 1
38	402-5055	Control Box Assembly Models 402, 403	0 to 1
39	R10K250	Retaining Ring 1/4	3
40	350-7011	Extension Spring	1
41	400-5062	Lock Lever Assembly	1
42	R10K312X	Retaining Ring 5/16	1
43	W10C312	Washer 5/16	1
44	400-5099	Stop Arm Assembly	1
45	102-5187	Cash Box Assembly	1
46	400-5085	Return Chute Assembly	1
47	S40C620-3	Screw 6-20 x 3/16	2
48	400-4184	Coin Return Chute Cover	1
49	400-5119	Junction Box Assembly Complete	1
50	001-6090	Shaft	1
51	400-5066	Coin Return Lever Assembly	1
52	400-6019	Hinge Pin	1

Figure 2 — MACHINE FINAL ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
53	400-5065	Mounting Plate Assembly	1
54	S20C832-4	Screw and Lockwasher 8-32 x 1/4	1
55	150-5298	Lower Coin Receiver Assembly	1
56	351-5000	Coin Changer Assembly	1
57	400-5067	Coinage Lock Bracket Assembly	1
58	400-7002	Extension Spring	1
59	400-6020	Lock Pin	1
60	150-8252	Bottom Hinge Bearing	1 or 2
61	400-3046	Courtesy Lamp Cover	1
62	400-4196	Light Cover Bracket	2
63	150-8029	Lamp Holder	1
64	150-8030	Incandescent Lamp 40 W	1
65	400-4195	Light Socket Bracket	1
66	S20C632-3	Screw and Lockwasher 6-32 x 3/16	2
67	400-4198	Switch Cover	1
68	150-8214	Push Button Switch	1
69	001-8125	Plug	1
70	400-5134	Courtesy Lamp Harness	1
71	400-8056	Wire Clamp	1
72	400-9010	Door Gasket Right and Left Hand	2
73	400-9011	Door Gasket Top and Bottom	2
74	S40C1016-6	Screw - 10-16 x 3/8 Sheet Metal	2
75	001-4294	Service Cord Holder	1
76	S20C2520-8	Screw and Lockwasher 1/4-20 x 1/2	4
77	150-5397	Retainer Assembly	2
78	001-8007	Leveler	4
79	S30C3118-12	Screw and Lock Washer 5/16 - 18 x 3/4	8
80	400-5169	Cabinet Leg Assembly	2
81	400-5246	Cabinet Weldment	1
82	400-5350	National Changer and Plate Assembly	0 to 1
83	400-5027	Canister and Stand Assembly - Coffee	1
84	400-5041	Canister and Stand Assembly - Sugar	1
85	400-5038	Canister and Stand Assembly - Creme	1
86	400-5044	Canister and Stand Assembly - Tea	0 to 1
87	400-5024	Canister and Stand Assembly - Soup	0 to 1
88	400-5015	Canister and Stand Assembly - Chocolate	1
89	400-3006	Exhaust Chamber	1
90	400-3005	Mixing Bowl	1
91	400-4056	Bowl Retainer Bracket	3
92	400-8075	3/8 Tubing - Valve to Mixing Bowl - Coffee	1
93	400-8074	3/8 Tubing - Valve to Whipper Bowl - Chocolate	1
94	400-8076	3/8 Tubing - Valve to Whipper Bowl - Soup	0 to 1
95	400-8088	Tubing Clamp 5/8"	9
96	400-8089	Tubing Clamp 1"	1
97	400-8078	3/8 Tubing - Vacuum Breaker to Tank Inlet	1
98	400-8073	3/8 Tubing - Valve to Vacuum Breaker	1
99	400-7007	Spring	1
100	400-3007	Vacuum Breaker	1
101	S20C832-8	Screw and Lockwasher 8-32 x 1/2	2
102	400-5269	Draw Band Assembly	2
103	400-5255	Tank Assembly Models 400, 401	0 to 1

Figure 2 — MACHINE FINAL ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
104	402-5005	Tank Assembly Models 402, 403 No Soup	0 to 1
105	150-4331	Louver Cover	1
106	150-4332	Louver Screen	1
107	400-5130	Main Harness	1
108	400-5112	Cover Assembly - Plug Mounting Box	1
109	N20C2520	Nut and Lockwasher 1/4 - 20	4
110	150-5244	Door Support Roller Assembly	1
111	001-6120	Door Support Pin	1
112	150-3020	Door Support Roller	1
113	150-4270	Door Support Roller Bracket	1
114	400-5008	Cup Drop and Mounting Frame Assembly	1
115	R11K625	Retaining Ring 5/8	2
116	400-6015	Cup Drop Shaft	1
117	S20C1032-6	Screw and Lockwasher 10-32 x 5/16	2
118	400-5115	Valve and Mounting Bracket Assembly	1
119	S20C632-4	Screw and Lockwasher 6-32 x 1/4	12
120	N20C632	Nut and Lockwasher 6-32	12
121	400-8095	2 Contact Socket	3
122	400-8097	4 Contact Socket	3
123	400-4276	Canister Junction Box Cover	1
124	001-8082	Rubber Grommet	2
125	112-8004	Snap Bushing	4
126	112-8000	Junction Terminal and Bushing - Black	4
127	112-8001	Junction Terminal and Bushing - White	4
128	112-8002	Junction Terminal and Bushing - Blue	4
129	150-8015	Socket Housing - 12 Circuit	1
130	400-8044	Socket Housing - 15 Circuit Red	1
131	400-8042	Socket Housing - 15 Circuit - White	1
132	150-8021	Socket Housing - 6 Circuit	1
133	400-5121	Plug Mounting Box Weld Assembly	1
134	400-5220	Door Assembly All Styles except Rowe Award	0 to 1
135	400-5210	Door Assembly Rowe Award	0 to 1
136	112-8025	Van Lock and Key	1
137	112-5060	Lock Cam Assembly	1
138	001-4157	Lock Cam Link	1
139	001-4177	Lock Cam Link Retainer	1

Figure 2 — MACHINE FINAL ASSEMBLY

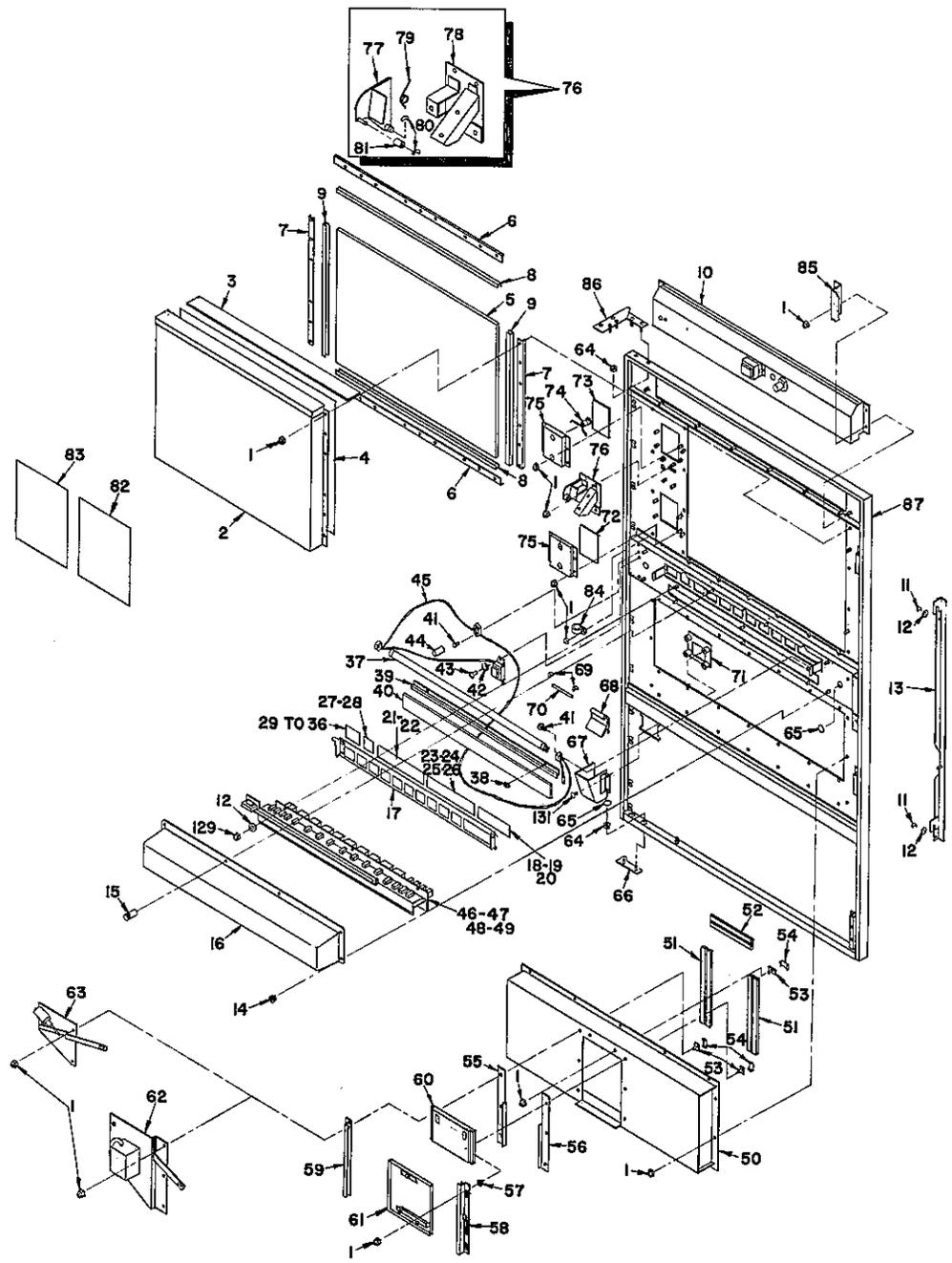


Figure 3-A — DOOR ASSEMBLY ALL MODELS EXCEPT ROWE AWARD

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-8039	Acorn Nut 8-32	85
2	400-5227	Shadow Box Weldment	1
3	160-3031	Shadow Box Top	1
4	400-9000	Shadow Box Picture	1
5	160-9005	Shadow Box Glass	1
6	150-4237	Glass Retainer Top and Bottom	2
7	150-4235	Glass Retainer Sides	2
8	150-9035	Shadow Box Glass Gasket - Horizontal	2
9	150-9036	Shadow Box Glass Gasket - Vertical	2
10	160-5043	Top Light Assembly	1
11	R10K187	Retaining Ring 3/16	2
12	W10C10	Plain Washer No. 10	8
13	150-5236	Lock Bar Assembly	1
14	400-8029	Thumb Nut 8-32	3
15	400-6036	Thumb Nut 8-32 Long	3
16	400-3003	Selector Cover	1
17	400-5100	Channel Assembly	1
18	400-8109	Product and Price Sheet Extra Tea, Sugar, Coffee and Creme	0 to 1
19	400-8137	Product and Price Sheet Extra Sanka, Sugar, Sanka, Creme	0 to 1
20	401-8110	Product and Price Sheet Extra Sugar, Creme, Coffee	0 to 1
21	400-8105	Product and Price Sheet - Coffee 10c	0 to 1
22	400-8106	Product and Price Sheet - Coffee 15c	0 to 1
23	400-8107	Product and Price Sheet - Tea 10c	0 to 1
24	400-8108	Product and Price Sheet - Tea 15c	0 to 1
25	400-8138	Product and Price Sheet - Sanka 10c	0 to 1
26	400-8139	Product and Price Sheet - Sanka 15c	0 to 1
27	400-8111	Product and Price Sheet - Chocolate 10c	0 to 1
28	400-8112	Product and Price Sheet - Chocolate 15c	0 to 1
29	400-8113	Product and Price Sheet - Soup Chicken 10c	0 to 1
30	400-8114	Product and Price Sheet - Soup Chicken 15c	0 to 1
31	400-8115	Product and Price Sheet - Soup Beef 10c	0 to 1
32	400-8116	Product and Price Sheet - Soup Beef 15c	0 to 1
33	400-8117	Product and Price Sheet - Soup Potato 10c	0 to 1
34	400-8118	Product and Price Sheet - Soup Potato 15c	0 to 1
35	400-8119	Product and Price Sheet - Soup Onion 10c	0 to 1
36	400-8120	Product and Price Sheet - Soup Onion 15c	0 to 1
37	400-8013	Florescent Lamp 22 Watt	1
38	N20C632	Nut and Lockwasher 6-32	3
39	400-4086	Top Retainer - Product Class	1
40	400-9001	Product Sign Glass	1
41	S10C440-8	Screw 4-40 x 1/2	6
42	W10C8	Plain Washer No. 8	2
43	S20C832-5	Screw and Lock Washer 8-32 x 5/16	2
44	001-8101	Starter FS 25	1
45	400-5133	Display Lamp Harness	1
46	400-5106	Selector Assembly Complete Model 400	0 to 1
47	401-5106	Selector Assembly Complete Model 401	0 to 1
48	402-5106	Selector Assembly Complete Model 402	0 to 1
49	403-5106	Selector Assembly Complete Model 403	0 to 1
50	400-5228	Deliver Door Frame Assembly	1
51	400-2001	Vend Door Extrusion - Sides	2
52	400-2002	Vend Door Extrusion - Top	1

Figure 3 — DOOR ASSEMBLY ALL MODELS EXCEPT ROWE AWARD

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INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
53	150-8250	T-Screw 3/8	38 to 47
54	150-4392	Clip "T" Screw	59 to 68
55	400-4103	Vend Door Guide Cover - Right Hand	1
56	400-4104	Vend Door Guide Cover - Left Hand	1
57	400-6066	Vend Door Guide Spacer	3
58	400-5096	Vend Door Guide Assembly - Left Hand	1
59	400-2000	Vend Door Guide - Right Hand	1
60	400-3016	Window - Vend Door	1
61	400-5097	Vend Door Assembly	1
62	400-5092	Door Lift Assembly (K-41)	0 to 1
63	400-5135	Bracket and Arm Assembly (Cup Door)	0 to 1
64	N20C2520	Nut and Lockwasher 1/4-20	4
65	001-8167	Hole Plug 11/16	4
66	150-5313	Bottom Door Hinge Assembly	1
67	001-5132	Coin Return Cup Assembly	1
68	001-2004	Coin Return Door	1
69	R10K125	Retaining Ring 1/8	2
70	001-6122	Pin Coin Return Cup	1
71	001-2003	Coin Return Front	1
72	160-9018	Instruction Glass	1
73	400-9025	Coffee Out Light Glass	1
74	160-5089	Indicator Light Assembly	2
75	160-4015	Out Light Glass Cover	2
76	400-5230	Coin Chute and Return Arm Assembly	1
77	150-5227	Coin Return Arm Assembly	1
78	400-5229	Coin Chute and Bracket Assembly	1
79	150-7009	Coin Return Arm Spring	1
80	R10K250	Retaining Ring 1/4	2
81	150-6070	Coin Return Roller	1
82	400-8102	Sanitation Schedule	1
83	400-8134	Cleaning Schedule	1
84	001-8019	Wire Clamp 7/8	2
85	400-4199	Door Switch Striker	1
86	150-5316	Top Hinge Assembly	1
87	400-5222	Door Weldment	1
88	150-8251	T-Screw 5/8	21
89	160-4044	Coin Receiver Plate	1
90	150-5228	Coin Return Pin Assembly	1
91	001-7019	Coin Return Spring	1
92	R10K312X	Retaining Ring 5/16	1
93	150-4279	Door Panel - Right Hand	1
94	150-4280	Door Panel - Left Hand	1
95	150-5251	Door Bottom Panel Assembly (Vendo)	0 to 1
96	400-4118	Door Lower Panel (Vendo)	0 to 1
97	400-5103	Door Bottom Panel Assembly Rowe	0 to 1
98	400-4115	Door Panel Bottom Long	0 to 1
99	400-4240	Door Panel Bottom - National Golden Furniture	0 to 1
100	150-4281	Door Panel - Lower	1
101	150-4288	Door Top Panel - No Light	0 to 1
102	160-5155	Top Panel Assembly Door - National Golden Furniture	0 to 1
103	160-3033	Top Light Frame - National Golden Furniture	0 to 1

Figure 3 — DOOR ASSEMBLY ALL MODELS EXCEPT ROWE AWARD

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
104	400-9023	Sign Glass Coffee - National Golden Furniture	0 to 1
105	150-4289	Door Top Panel (Lighted)	0 to 1
106	400-3030	Sign National Coffee	0 to 1
107	400-4233	Selector Panel - Model 400	0 to 1
108	401-4233	Selector Panel - Model 401	0 to 1
109	402-4233	Selector Panel - Model 402	0 to 1
110	403-4233	Selector Panel - Model 403	0 to 1
111	160-2003	Door Extrusion Center - Vertical	0 to 1
112	160-2024	Door Extrusion Center - Vertical - National Golden Furniture	0 to 1
113	160-2022	Door Extrusion, Left and Right Hand Vertical - National Golden Furniture	0 to 2
114	150-2026	Door Extrusion, Left and Right Vertical	0 to 2
115	150-2024	Door Extrusion Lower - Horizontal	0 to 3
116	160-2025	Door Extrusion Center - Horizontal - National Golden Furniture	0 to 3
117	160-2023	Door Extrusion Top and Bottom - Horizontal - National Golden Furniture	0 to 2
118	150-2027	Door Extrusion Top and Bottom - Horizontal	0 to 3
119	150-2022	Door Frame - Sides	0 to 2
120	160-2020	Door Frame - Sides - National Golden Furniture	0 to 2
121	150-2021	Door Frame - Top	0 to 1
122	400-2003	Door Frame End - Bottom	0 to 1
123	160-2021	Door Frame End - National Golden Furniture	0 to 2
124	S40C620-6	Screw 6-20 x 3/8	52
125	400-4236	Reinforcement Angle - Bottom Panel	0 to 1
126	160-3034	Handle - National Golden Furniture	0 to 2
127	S40C620-3	Screw 6-20 x 3/16	0 to 4
128	001-8102	Name Plate	1
129	N20C832	Nut and Lockwasher No. 8-32	6
130	160-4161	Blank for Picture Area	1
131	S20C1032-6	Screw and Lockwasher 10-32 x 3/8	4

Figure 3 — DOOR ASSEMBLY ALL MODELS EXCEPT ROWE AWARD

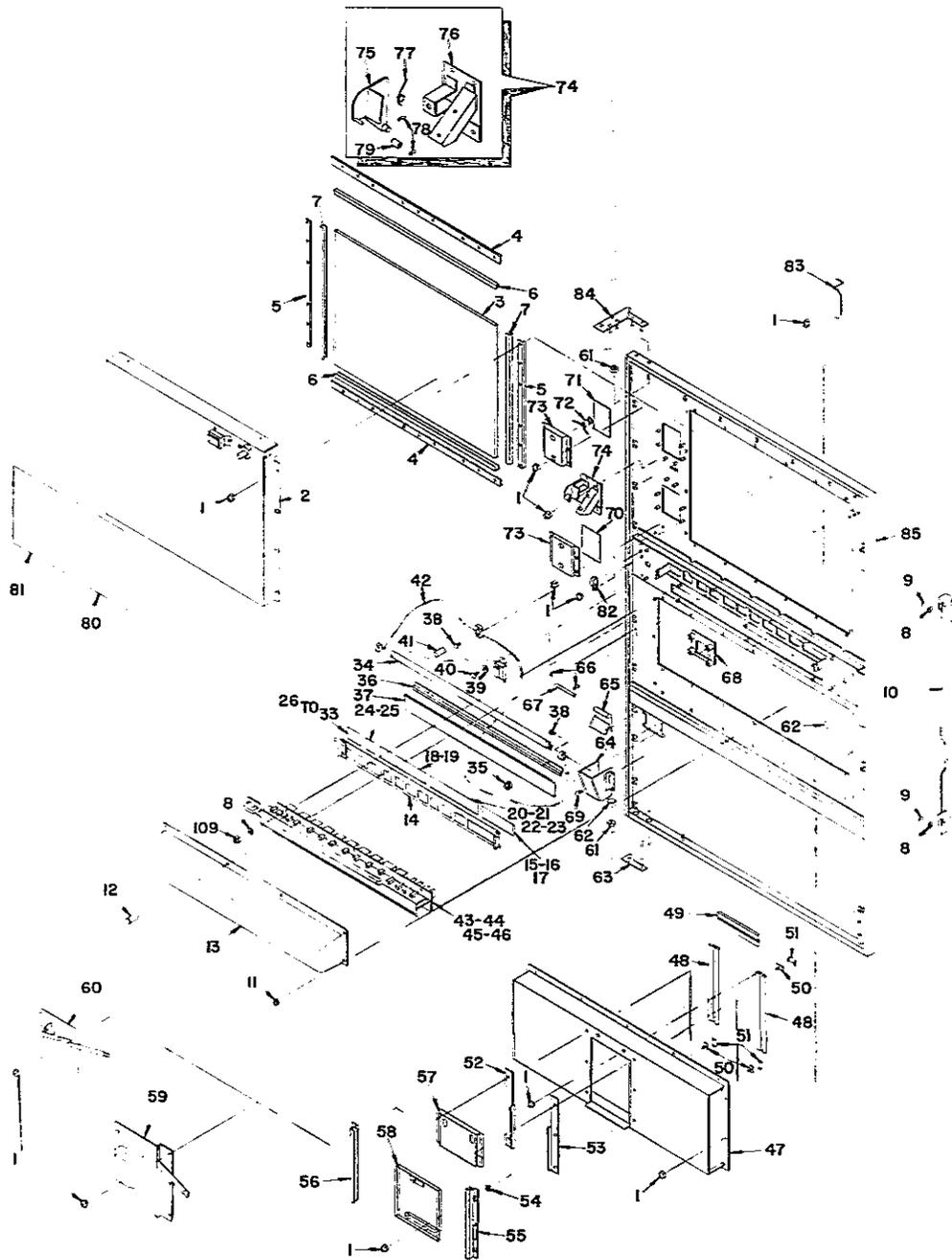


Figure 4-A — DOOR ASSEMBLY — ROWE AWARD

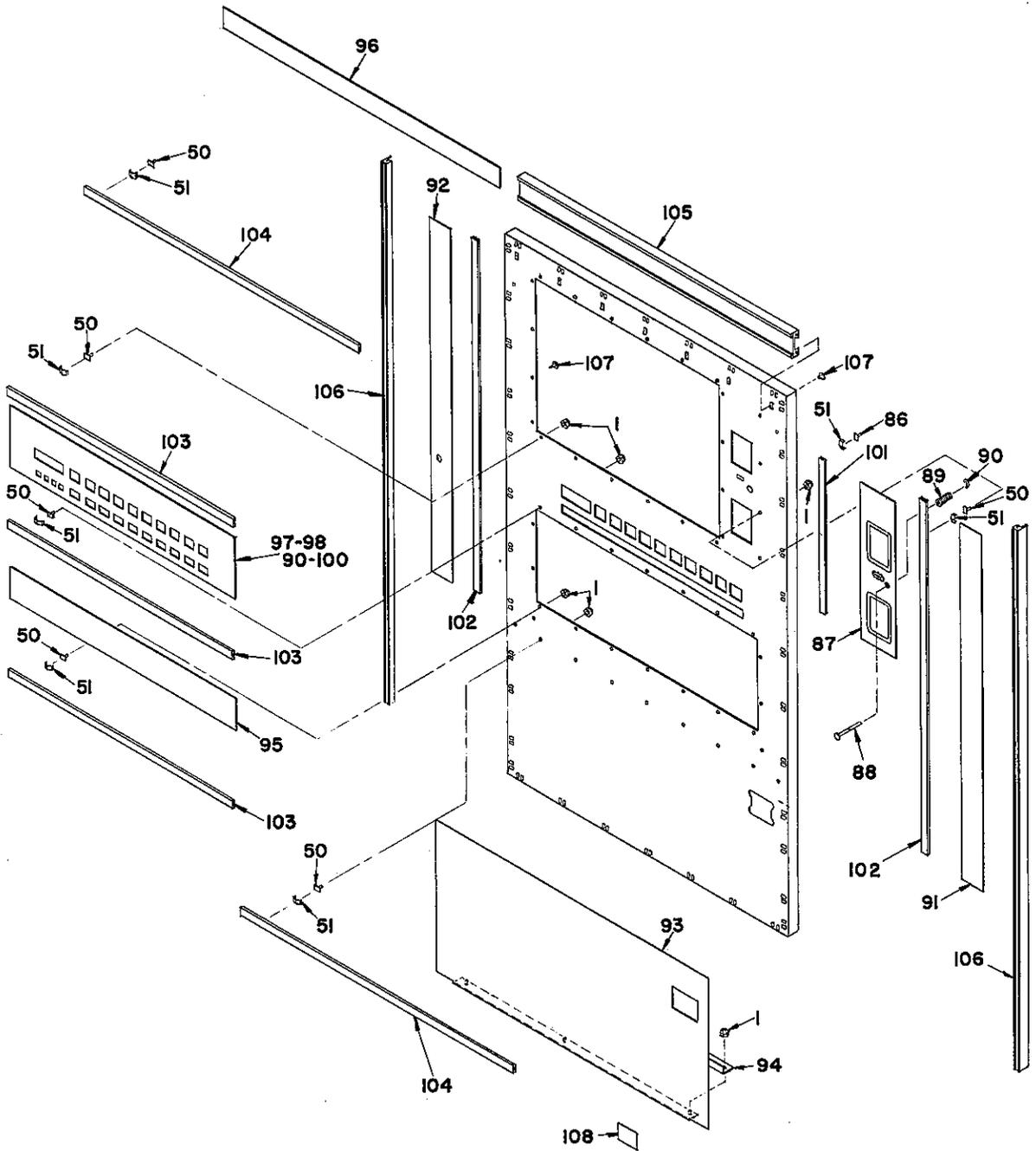


Figure 4-B — DOOR ASSEMBLY — ROWE AWARD

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-8039	Acorn Nut 8-32	91
2	400-5213	Shadow Box Light Assembly	1
3	160-9005	Shadow Box Glass	1
4	150-4237	Glass Retainer - Top and Bottom	2
5	150-4235	Glass Retainer - Sides	2

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INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
6	150-9035	Shadow Box Glass Gasket - Horizontal	2
7	150-9036	Shadow Box Glass Gasket - Vertical	2
8	W10C10	Plain Washer No. 10	8
9	R10K187	Retaining Ring 3/16	2
10	150-5236	Lock Bar Assembly	1
11	400-8029	Thumb Nut 8-32	3
12	400-6036	Thumb Nut 8-32 - Long	3
13	400-3003	Selector Cover	1
14	400-5100	Channel Assembly	1
15	400-8109	Product and Price Sheet - Extra Tea, Sugar Creme, Coffee	0 to 1
16	400-8137	Product and Price Sheet - Extra Sanka, Sugar, Creme, Coffee	0 to 1
17	401-8110	Product and Price Sheet - Extra Sugar, Creme, Coffee	0 to 1
18	400-8105	Product and Price Sheet - Coffee 10c	0 to 1
19	400-8106	Product and Price Sheet - Coffee 15c	0 to 1
20	400-8107	Product and Price Sheet - Tea 10c	0 to 1
21	400-8108	Product and Price Sheet - Tea 15c	0 to 1
22	400-8138	Product and Price Sheet - Sanka 10c	0 to 1
23	400-8139	Product and Price Sheet - Sanka 15c	0 to 1
24	400-8111	Product and Price Sheet - Chocolate 10c	0 to 1
25	400-8112	Product and Price Sheet - Chocolate 15c	0 to 1
26	400-8113	Product and Price Sheet - Soup Chicken 10c	0 to 1
27	400-8114	Product and Price Sheet - Soup Chicken 15c	0 to 1
28	400-8115	Product and Price Sheet - Soup Beef 10c	0 to 1
29	400-8116	Product and Price Sheet - Soup Beef 15c	0 to 1
30	400-8117	Product and Price Sheet - Soup Potato 10c	0 to 1
31	400-8118	Product and Price Sheet - Soup Potato 15c	0 to 1
32	400-8119	Product and Price Sheet - Soup Onion 10c	0 to 1
33	400-8120	Product and Price Sheet - Soup Onion 15c	0 to 1
34	400-8013	Fluorescent Lamp	1
35	N20C632	Nut and Lockwasher 6-32	3
36	400-4086	Top Retainer - Product Glass	1
37	400-9001	Product Sign Glass	1
38	S10C440-8	Screw 4-40 x 1/2	6
39	W10C8	Plain Washer No. 8	2
40	S20C832-5	Screw and Lockwasher 8-32 x 5/16	2
41	001-8101	Starter	1
42	400-5133	Display Lamp Harness	1
43	400-5106	Selector Assembly - Model 400	0 to 1
44	401-5106	Selector Assembly - Model 401	0 to 1
45	402-5106	Selector Assembly - Model 402	0 to 1
46	403-5106	Selector Assembly - Model 403	0 to 1
47	400-5228	Delivery Door Frame Assembly	1
48	400-2001	Vend Door Extrusion - Sides	2
49	400-2002	Vend Door Extrusion - Top	1
50	150-8250	T-Screw 3/8	36
51	150-4392	Clip "T" Screw	59
52	400-4103	Vend Door Guide Cover - Right Hand	1
53	400-4103	Vend Door Guide Cover - Left Hand	1
54	400-6066	Vend Door Guide Spacer	3
55	400-5096	Vend Door Guide Assembly - Left Hand	1
56	400-2000	Vend Door Guide - Right Hand	1
57	400-3016	Vend Door Window	1

Figure 4 — DOOR ASSEMBLY — ROWE AWARD

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
58	400-5097	Vend Door Assembly	1
59	400-5092	Door Lift Assembly (K-41 Kit)	0 to 1
60	400-5135	Bracket and Arm Assembly	0 to 1
61	N20C2520	Nut and Lockwasher 1/4-20	4
62	001-8167	Hole Plug	4
63	150-5313	Bottom Door Hinge Assembly	1
64	001-5132	Coin Return Cup Assembly	1
65	001-2004	Coin Return Door	1
66	R10K125	Retaining Ring 1/8	2
67	001-6122	Pin Coin Return Cup	1
68	001-2003	Coin Return Front	1
69	S20C1032-6	Screw and Lockwasher 10-32 x 3/8	4
70	160-9018	Instruction Glass	1
71	400-9025	Out Light Glass - Coffee	1
72	160-5087	Indicator Light Assembly	2
73	160-4015	Out Light Glass Cover	2
74	400-5230	Coin Chute and Return Arm Assembly	1
75	150-5227	Coin Return Arm Assembly	1
76	400-5229	Coin Chute and Bracket Assembly	1
77	150-7009	Coin Return Arm Spring	1
78	R10K250	Retaining Ring 1/4	2
79	150-6070	Coin Return Roller	1
80	400-8102	Sanitation Schedule	1
81	400-8134	Cleaning Schedule	1
82	001-8019	Wire Clamp 7/8	2
83	400-4199	Door Switch Striker	1
84	150-5316	Top Hinge Assembly	1
85	400-5211	Door Weldment - Rowe Award	1
86	150-8251	T-Screw 5/8	23
87	160-4283	Coin Receiver Plate	1
88	150-5228	Coin Return Pin Assembly	1
89	001-7019	Coin Return Spring	1
90	R10K312X	Retaining Ring 5/16	1
91	160-4281	Door Panel - Right Hand	1
92	160-4282	Door Panel - Left Hand	1
93	400-5103	Door Bottom Panel Assembly	1
94	400-4236	Reinforcement Angle - Bottom Panel	1
95	150-4281	Door Panel - Lower	1
96	160-4280	Door Top Panel	1
97	400-4212	Selector Panel - Coffee, Soup, Hot Chocolate, Tea	0 to 1
98	401-4212	Selector Panel - Coffee, Soup, Hot Chocolate	0 to 1
99	402-4212	Selector Panel - Coffee, Hot Chocolate, Tea	0 to 1
100	403-4212	Selector Panel - Coffee, Hot Chocolate	0 to 1
101	160-2044	Door Extrusion - Center Vertical	1
102	160-2042	Door Extrusion - Left and Right Hand Vertical	2
103	160-2045	Door Extrusion - Lower Horizontal	3
104	160-2043	Door Extrusion - Top & Bottom Horizontal	2
105	160-2040	Door Frame Top - Rowe Award	1
106	160-2041	Door Frame Side	2
107	S40C620-6	Screw 6-20 x 3/8 Sheet Metal	38
108	001-8102	Name Plate	1
109	N20C832	Nut and Lock Washer No. 8-32	6

Figure 4 — DOOR ASSEMBLY — ROWE AWARD

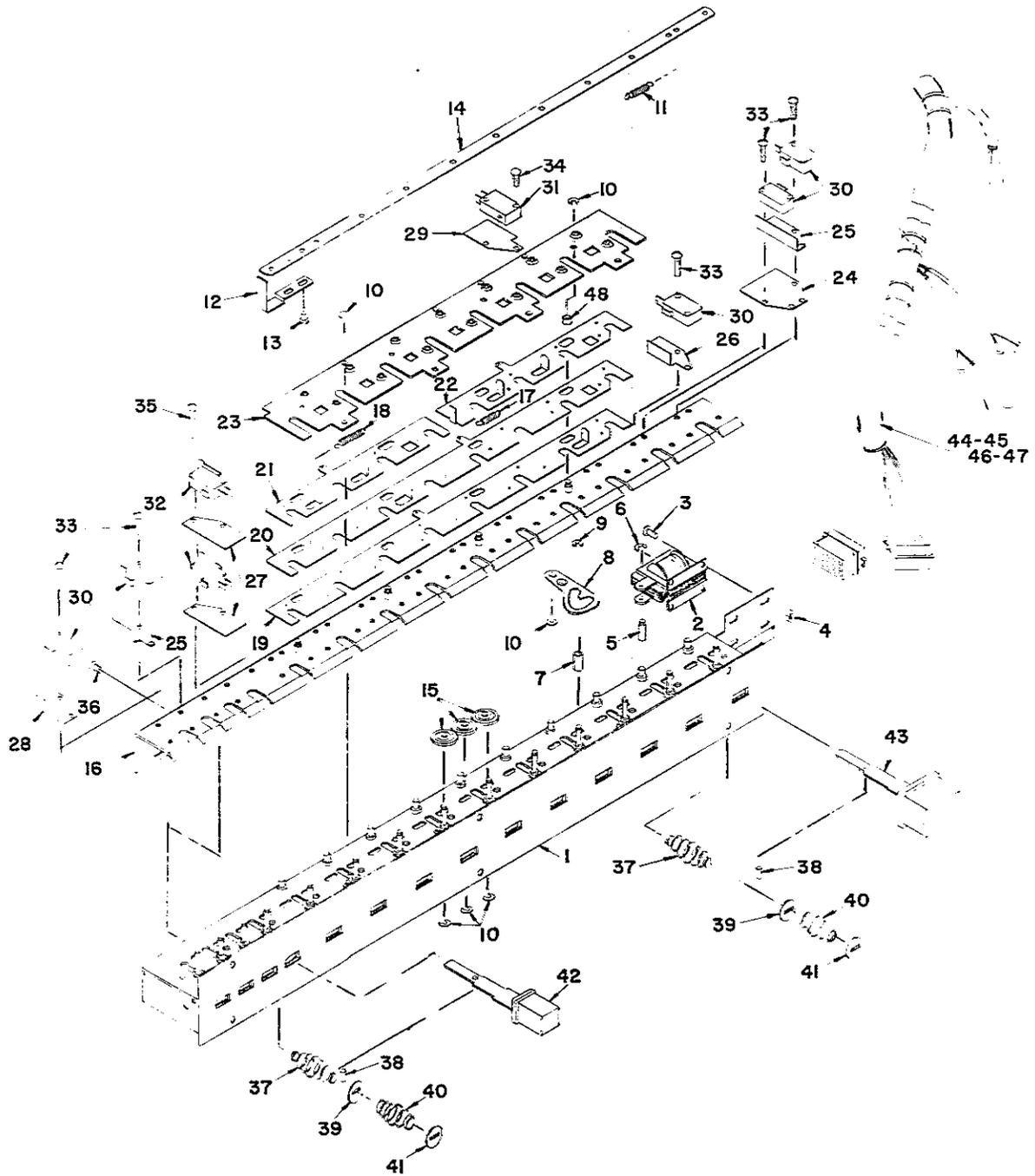


Figure 5 — SELECTOR ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEMBLY MODEL NO.			
			400	401	402	403
1	400-5107	Selector Frame Assembly	1	1	1	1
2	501-8000	Selector Solenoid	1	1	1	1
3	S20C632-5	Screw and Lockwasher 6-32 x 5/16	4	4	4	4
4	N20C632	Nut and Lockwasher 6-32	4	4	4	4
5	501-6006	Solenoid Pin	1	1	1	1
6	R10K125	Retaining Ring 1/8	1	1	1	1
7	501-6001	Slide Roller	14	9	13	8
8	501-5004	Locking Cam Assembly	10	6	9	5
9	R10K156	Retaining Ring 5/32	14	9	13	8
10	R10K187	Retaining Ring 3/16	37	24	35	23
11	501-7002	Extension Spring	1	1	1	1
12	400-4129	Switch Actuator	1	1	1	1
13	S20C632-4	Screw and Lockwasher 6-32 x 1/4	2	2	2	2
14	400-5110	Locking Bar Assembly	1	1	1	1
15	501-5007	Anti-Cheat Washer Assembly	18	10	16	8
16	400-5108	Switch Bracket Assembly	1	1	1	1
17	400-7008	Extension Spring (Actuator Slides)	2	2	2	2
18	400-7001	Extension Spring (Actuator Slides)	2	2	2	2
19	400-4127	Sugar Actuator	1	1	1	1
20	400-4126	Creme Actuator	1	1	1	1
21	400-4128	Tea Actuator	1	1	1	1
22	400-4130	Coffee Actuator	1	1	1	1
23	400-5109	Switch Bracket Assembly Top	1	1	1	1
24	501-9002	Switch Insulator	1	1	0	0
25	501-9003	Switch Insulator	1	1	0	0
26	400-9006	Switch Insulator	4	4	4	4
27	501-9001	Switch Insulator	2	2	3	4
28	501-9004	Switch Insulator	2	1	1	0
29	400-9005	Switch Insulator	7	5	7	5
30	501-8001	Micro Switch	8	7	6	5
31	001-8015	Micro Switch	7	5	7	5
32	602-8000	Micro Switch	2	2	2	2
33	S10C440-9	Screw 4-40 x 9/16	16	14	12	10
34	S10C440-8	Screw 4-40 x 1/2	14	10	14	10
35	S10C440-15	Screw 4-40 x 7/8	2	2	2	2
36	S20C832-4	Screw and Lockwasher 8-32 x 1/4	5	5	5	5
37	400-7012	Compression Spring	14	9	13	8
38	501-6009	Push Pin Retainer Pin	14	9	13	8
39	501-4012	Push Pin Washer	14	9	13	8
40	400-7011	Compression Spring	14	9	13	8
41	501-4013	Push Pin Washer	14	9	13	8
42	550-5015	Push Button Assembly	4	3	4	3
43	501-5008	Push Button Assembly	10	6	9	5
44	400-5131	Selector Harness	1	0	0	0
45	401-5131	Selector Harness	0	1	0	0
46	402-5131	Selector Harness	0	0	1	0
47	403-5131	Selector Harness	0	0	0	1
48	400-6032	Roller Slide	4	4	4	4

Figure 5 — SELECTOR ASSEMBLY

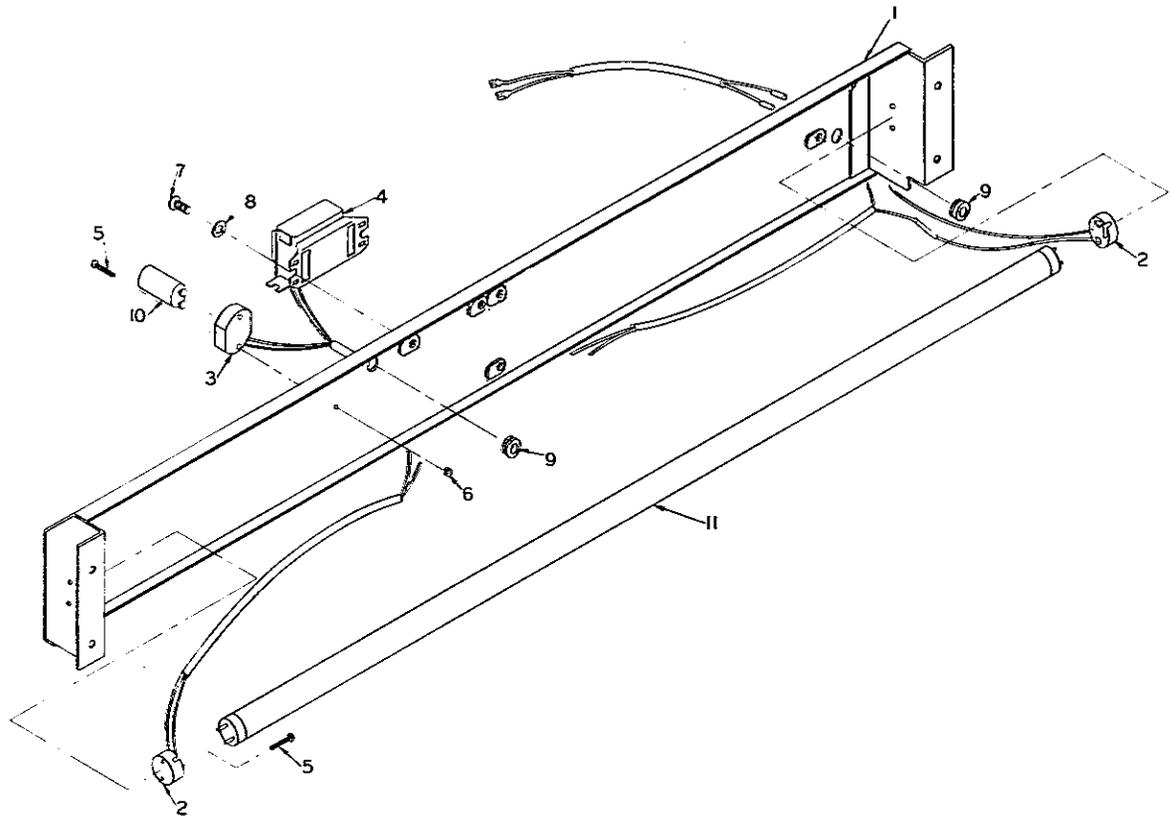


Figure 6 — TOP LIGHT ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	160-5042	Top Light Cover Weldment	1
2	001-8029	Lamp Holder	2
3	001-8028	Starter Socket	1
4	150-8024	Ballast 25 Watt	1
5	S10C440-8	Screw 4-40 x 1/2	6
6	N20C440	Nut and Lockwasher No. 4-40	2
7	S20C832-5	Screw and Lockwasher No. 8-32 x 5/16	2
8	W10C8	Plain Washer No. 8	2
9	001-8021	Grommet	2
10	001-8101	Starter FS25	1
11	150-8023	Fluorescent Lamp	1

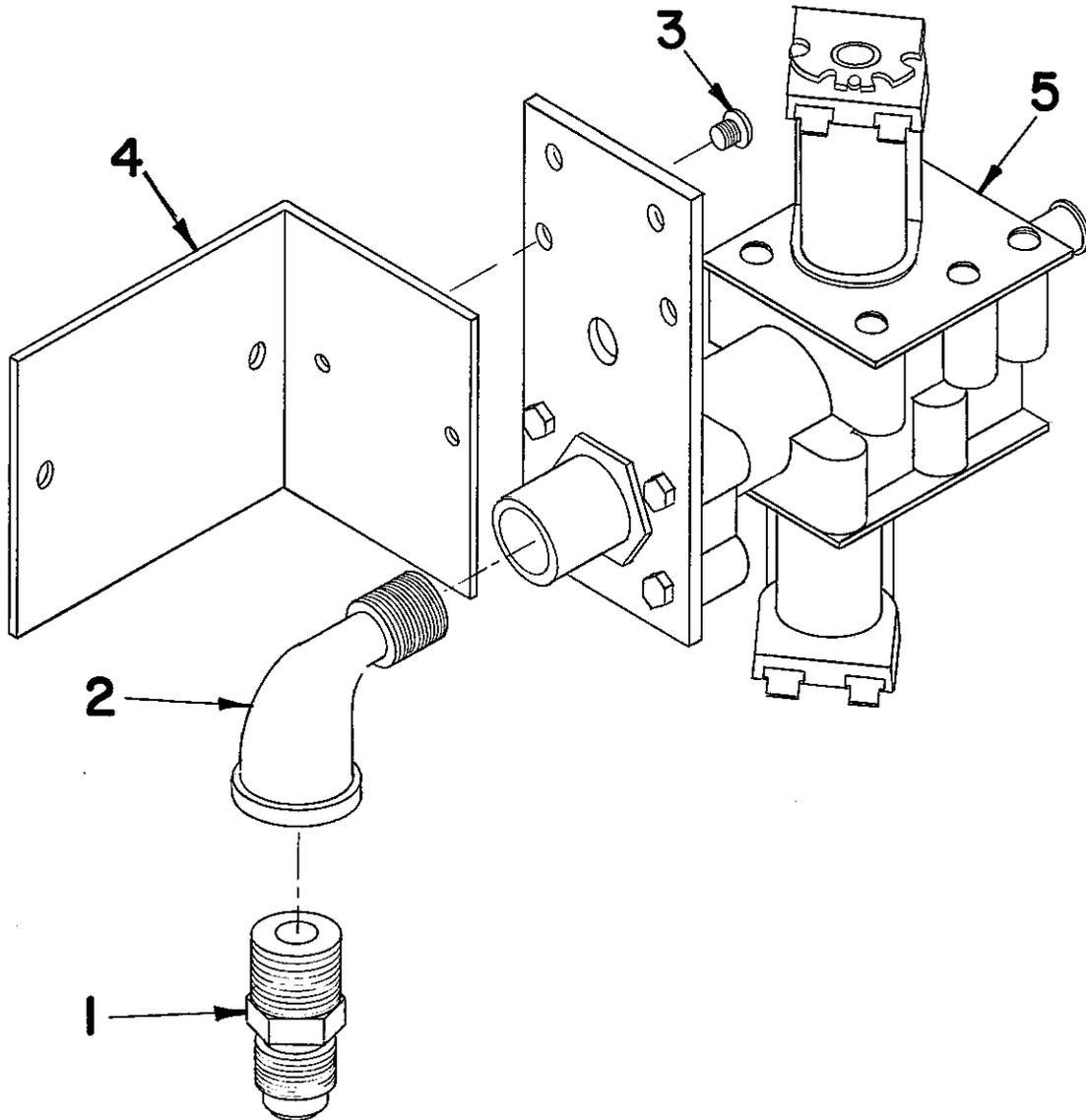


Figure 7 — INLET VALVE AND MOUNTING BRACKET ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-8068	Male Connector	1
2	400-8101	90° Street Elbow	1
3	S20C832-5	Screw and Lockwasher 8-32 x 5/16	2
4	400-4166	Inlet Valve Bracket	1
5	400-8010	Inlet Valve	1

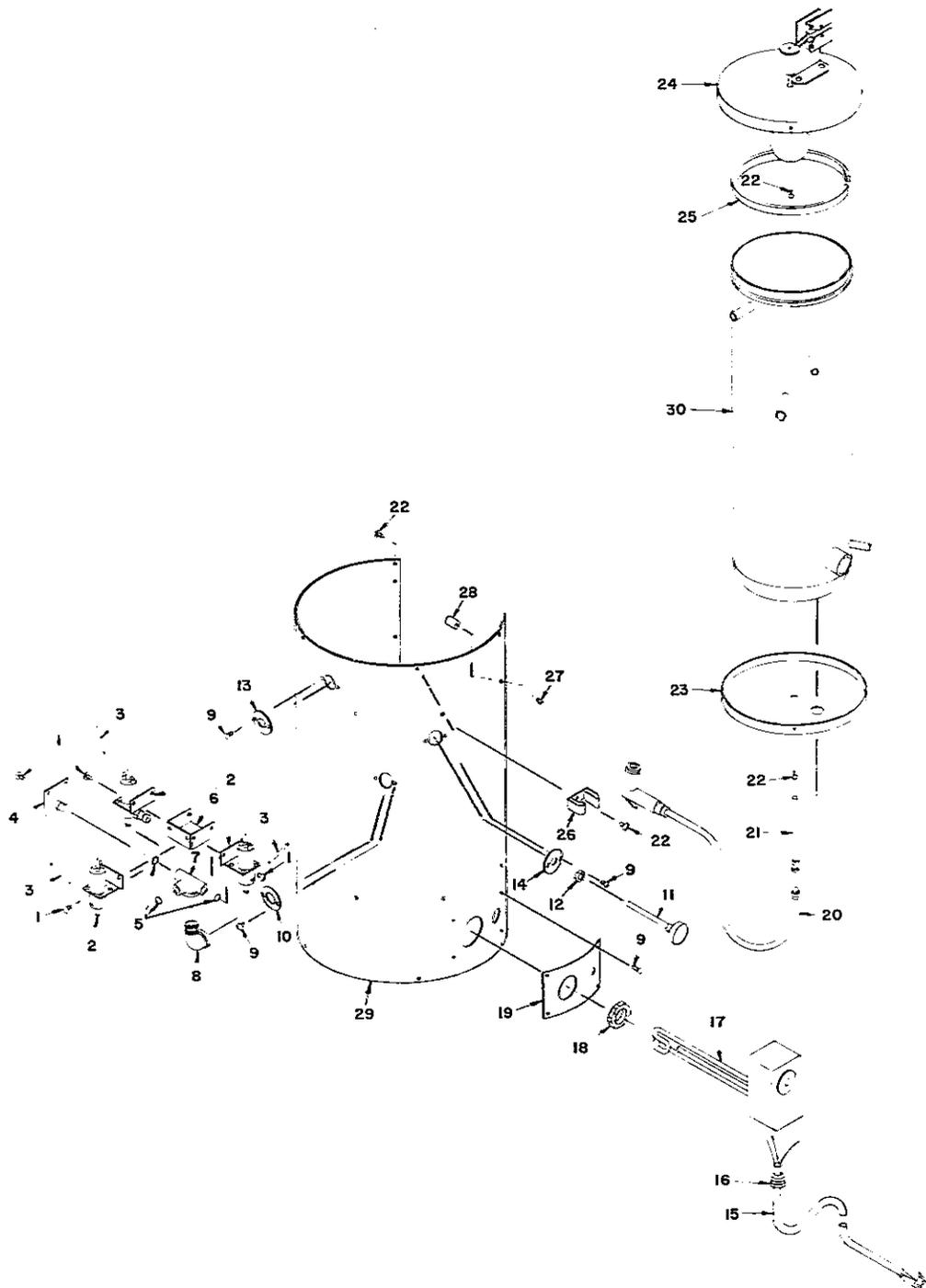


Figure 8 — TANK ASSEMBLY COMPLETE

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	S11C832-5	Screw 8-32 x 5/16	6
2	400-8011	Dump Valve	2 to 3
3	400-8007	Dump Valve Tube - Vent	2 to 3
4	402-5006	Plug and Bracket Assembly	0 to 1
5	400-9004	"O" Ring	3
6	400-4274	Valve Manifold Bracket	1
7	400-2005	Manifold	1
8	400-8100	90° Street Elbow	1
9	S39C620-4	Screw 6-20 x 1/4 Sheet Metal	10
10	400-4277	Trim Ring 15/16 Dia.	1
11	400-8012	Dial Thermometer	1
12	400-8035	Tru-Seal Nut 1/8 N.P.T.	1
13	400-4186	Trim Ring 11/16 Dia.	1
14	400-4185	Trim Ring 9/16 Dia.	1
15	400-8051	Power Cord	1
16	400-8052	Strain Relief	1
17	400-8009	Heating Element And Thermostat	1
18	400-8036	Tru-Seal Nut 1-1/4" N.P.T.	1
19	400-4188	Trim Plate	1
20	400-8061	Spray Hose and Head	1
21	400-5268	Reducer and Tube Assembly	1
22	S40C1016-6	Screw 10-16 x 3/8 Sheet Metal	15
23	400-4268	Jacket Bottom	1
24	400-5271	Tank and Jacket Top Assembly	1
25	400-9015	Tank Cover Gasket	1
26	400-8059	Clip - Spray Head	1
27	S40C832-5	Screw 8-32 x 5/16	10
28	400-3047	Spacer	10
29	400-4267	Tank Jacket	1
30	400-5265	Tank Weldment	1

Figure 8 — TANK ASSEMBLY COMPLETE

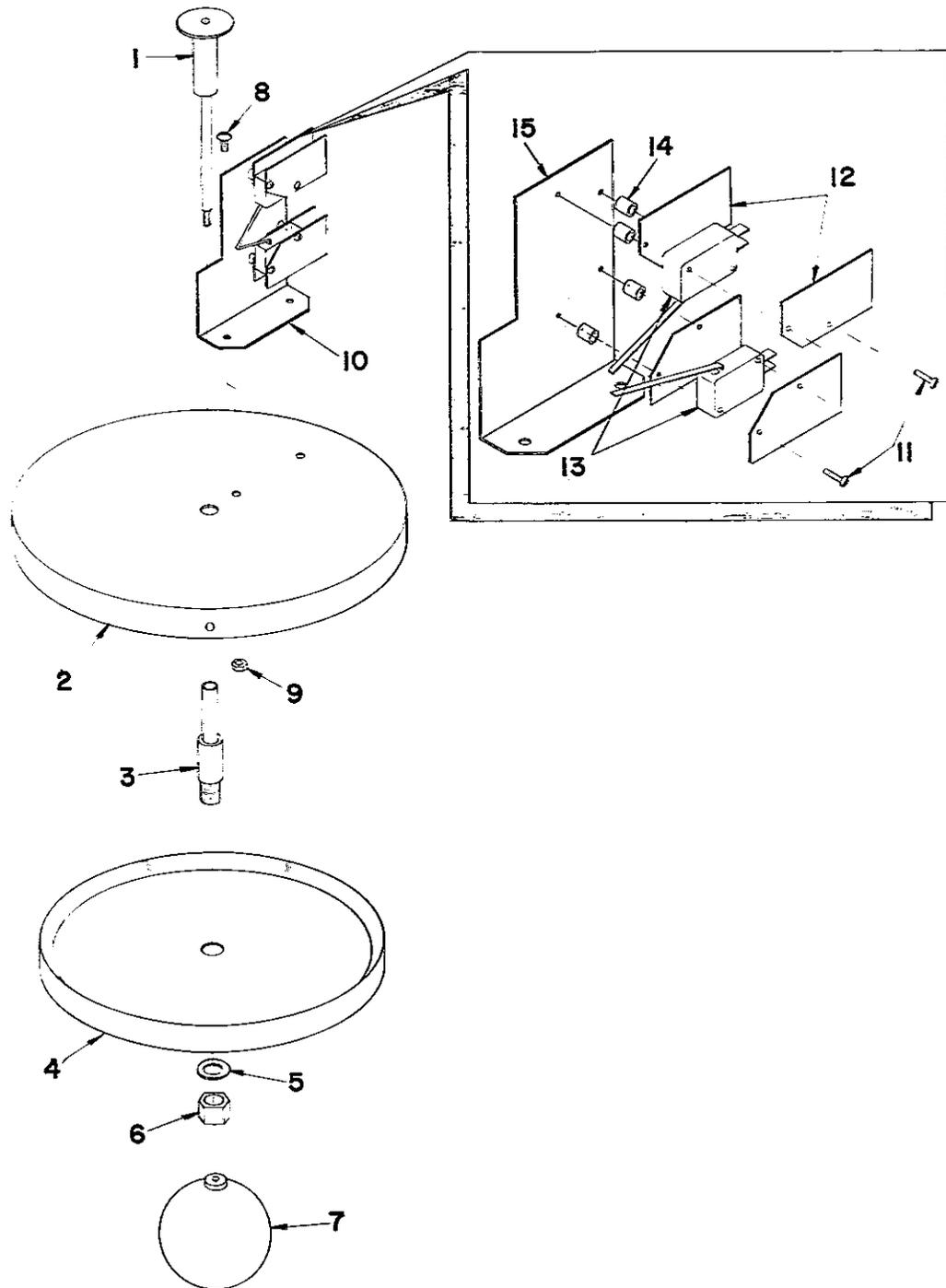


Figure 9 — TANK AND JACKET TOP ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-5007	Float Shaft Assembly.....	1
2	400-4269	Jacket Top.....	1
3	400-5273	Guide and Stem Assembly.....	1
4	400-4272	Tank Top.....	1
5	W10D500	Washer 1/2.....	1
6	400-8215	Nut 1/2-20.....	1
7	400-8026	Float.....	1
8	S20C832-5	Screw and Lockwasher 8-32 x 5/16.....	2
9	N20C832	Nut and Lockwasher 8-32.....	2
10	400-5272	Float Switch Assembly.....	1
11	S10C440-14	Screw No. 4-40 x 7/8.....	4
12	501-9001	Switch Insulator.....	4
13	102-8001	Micro Switch.....	2
14	350-6064	Switch Spacer.....	4
15	400-4273	Float Switch Plate.....	1

Figure 9 — TANK AND JACKET TOP ASSEMBLY

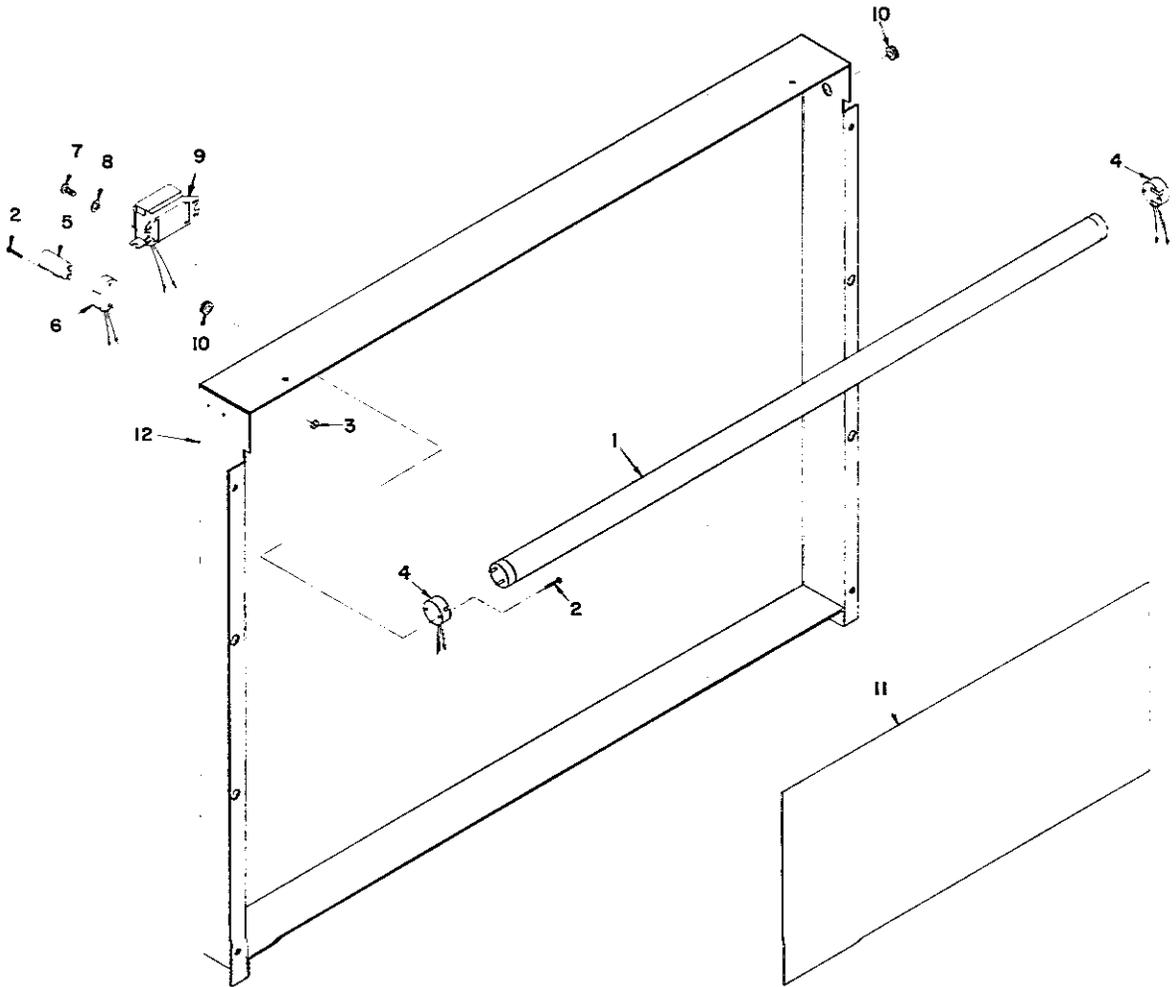


Figure 10 — ROWE AWARD SHADOW BOX LIGHT ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-8013	Fluorescent Lamp	1
2	S10C440-8	Screw No. 4-40 x 1/2	6
3	N20C440	Nut and Lockwasher No. 4-40	2
4	001-8029	Lamp Holder	2
5	001-8101	Starter FS25	1
6	001-8028	Starter Socket	1
7	S20C832-5	Screw and Lockwasher 8-32 x 5/16	2
8	W10C8	Plain Washer No. 8	2
9	400-8046	Ballast 22 Watt	1
10	001-8021	Grommet	2
11	400-9017	Shadow Box Sign - Rowe Coffee	1
12	400-5212	Shadow Box Weldment	1

Figure 10 — ROWE AWARD SHADOW BOX LIGHT ASSEMBLY

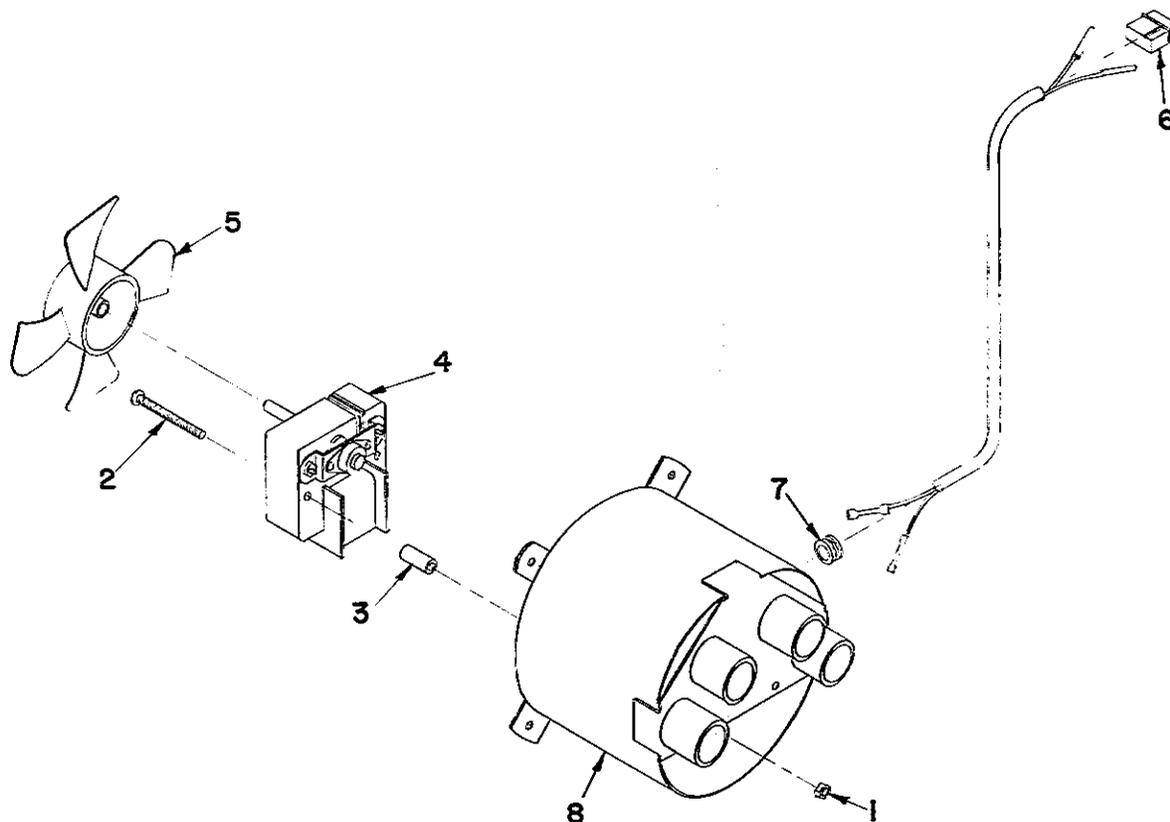


Figure 11 — EXHAUST FAN ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	N20C632	Nut and Lockwasher 6-32	2
2	S10C632-32	Screw 6-32 x 2	2
3	400-6035	Spacer	2
4	150-8260	Fan Motor	1
5	400-3034	Exhaust Fan 6"	1
6	104-8003	Pin Housing (3 Cond)	1
7	001-8021	Rubber Grommet	1
8	400-5050	Blower Housing	1

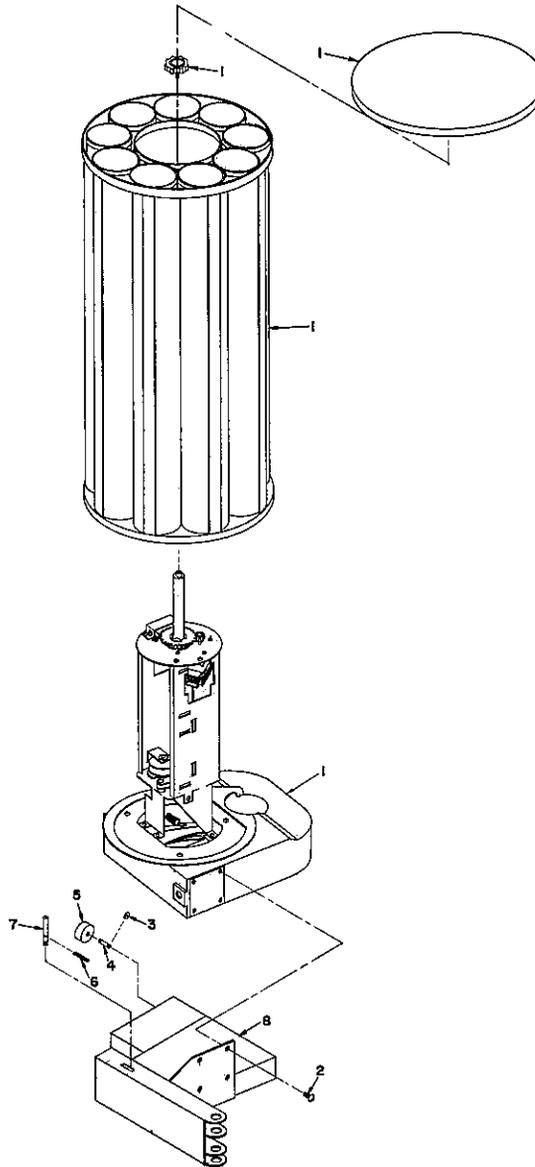


Figure 12 — CUP DROP AND MOUNTING FRAME ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-8031	Cup Dispenser (For Breakdown, See Cup Dispenser Catalog)	1
2	S20C2520-8	Screw and Lockwasher 1/4-20 x 1/2	4
3	R10K250	Retaining Ring 1/4	2
4	001-6120	Pin	1
5	400-6055	Cup Drop Roller	1
6	400-7002	Extension Spring	1
7	400-6020	Cup Drop Lock Pin	1
8	400-5260	Cup Drop Mounting Frame Assembly	1

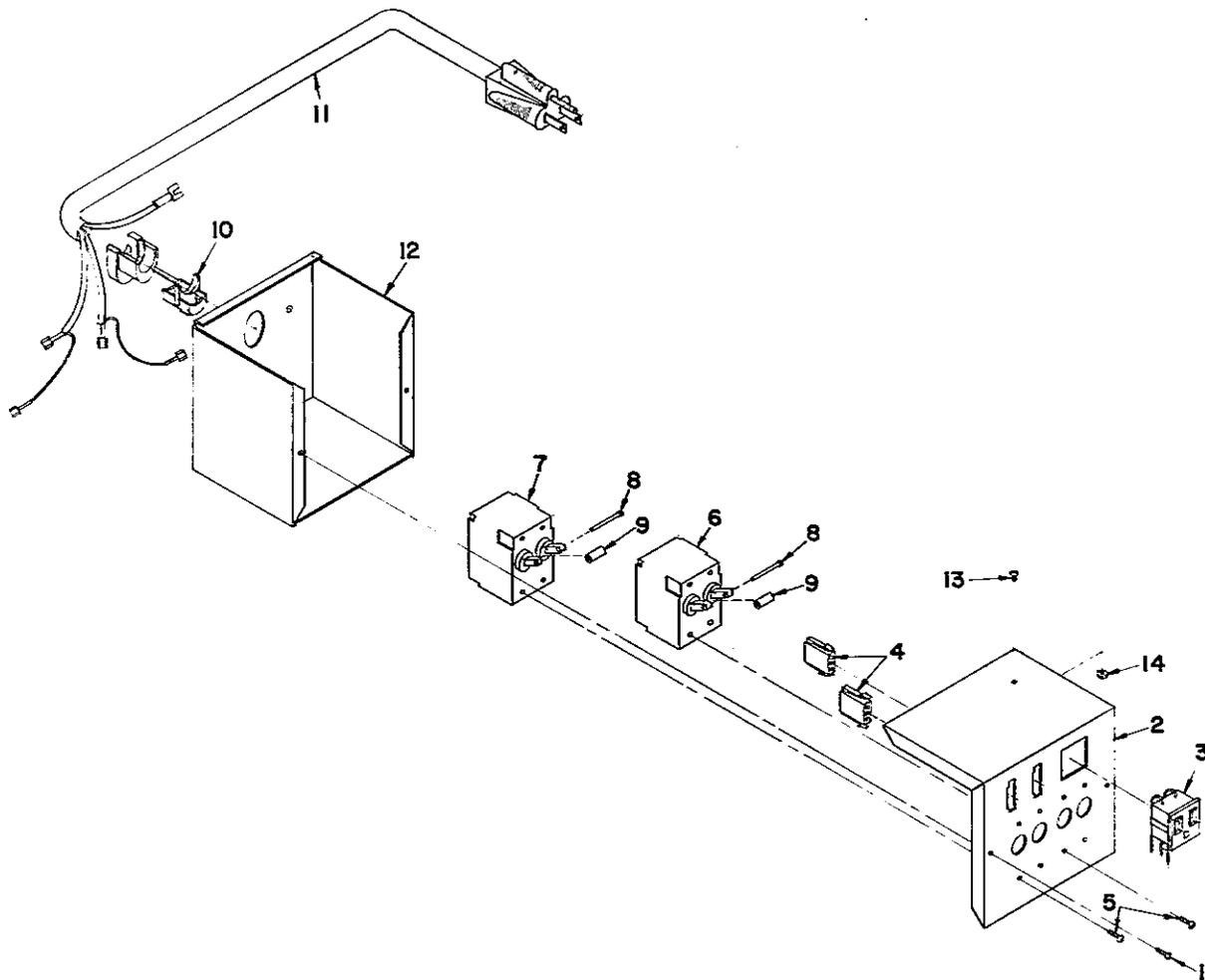


Figure 13 — JUNCTION BOX ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	S20C832-3	Screw and Lockwasher 8-32 x 3/16	2
2	400-4135	Junction Box Cover	1
3	001-8125	Socket	1
4	104-8002	Socket Housing	2
5	S20C632-3	Screw and Lockwasher 6-32 x 3/16	8
6	400-8221	Circuit Breaker (15 Amps)	1
7	400-8220	Circuit Breaker (10 Amps)	1
8	160-8007	Spacer Pin	2
9	160-8006	Spacer	2
10	400-8053	Strain Relief	1
11	400-8050	Power Cord	1
12	400-5120	Junction Box Weld Assembly	1
13	S20C832-5	Screw and Lockwasher 8-32 x 5/16	1
14	N20C832	Nut and Lockwasher 8-32	1

Figure 13 — JUNCTION BOX ASSEMBLY

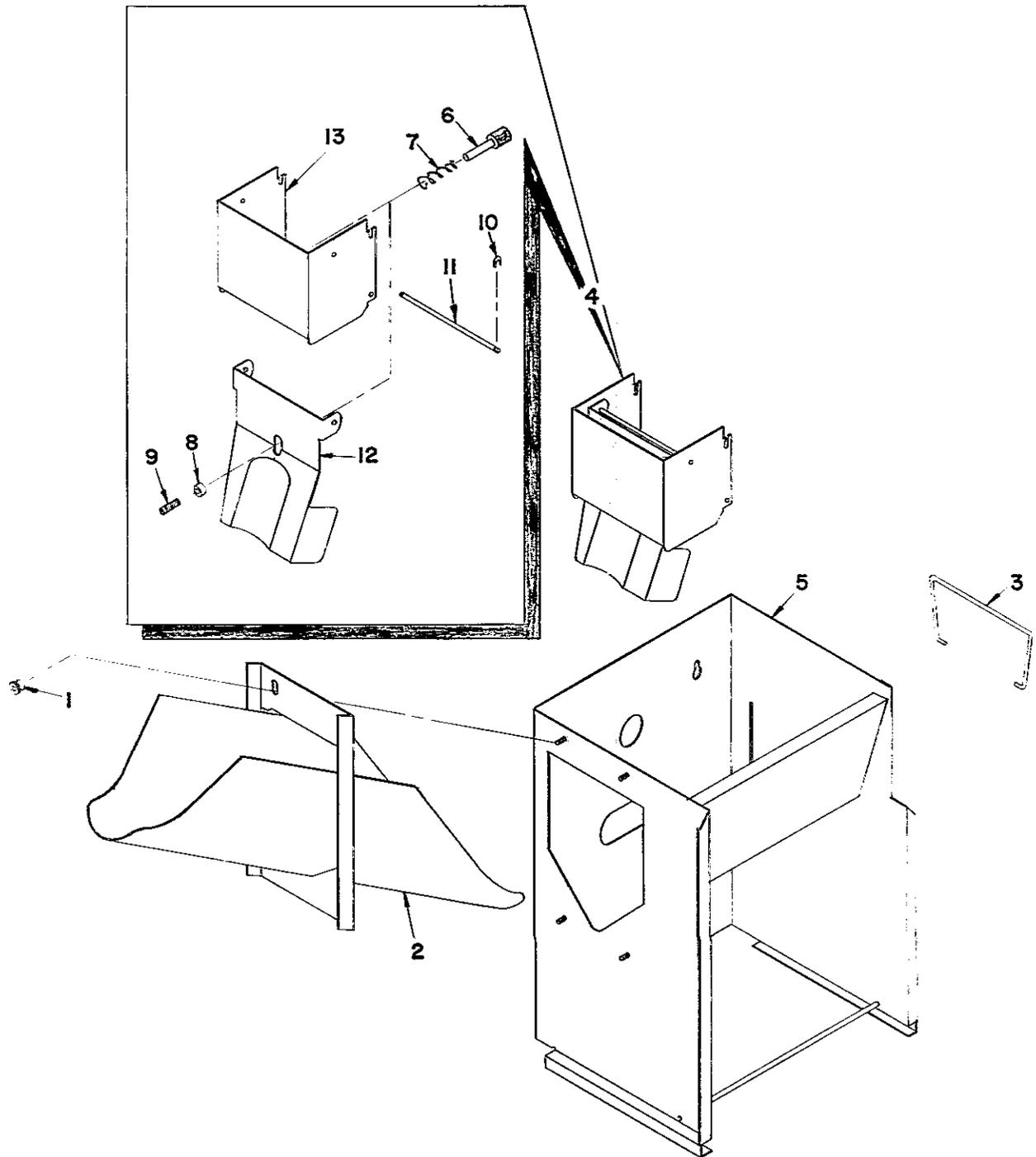


Figure 14 — CUP HOUSING ASSEMBLY COMPLETE

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-8029	Thumb Nut No. 8-32	4
2	400-5074	Cup Chute Assembly	1
3	400-7005	Lock Spring	1
4	400-5071	Bumper and Support Assembly	1
5	400-5069	Cup Housing Assembly	1
6	400-6048	Adjusting Screw	1
7	400-7010	Bumper Compression Spring	1
8	400-6031	Adjusting Washer	1
9	400-7004	Bumper Compression Spring	1
10	R10K156	Retaining Ring 5/32	2
11	400-6014	Cup Bumper Shaft	1
12	400-4071	Cup Bumper	1
13	400-5072	Bumper Support Assembly	1

Figure 14 — CUP HOUSING ASSEMBLY COMPLETE

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-4042	Control Box Cover	1
2	S11C832-4	Screw No. 8-32 x 1/4	10
3	400-5060	Control Box Motor and Bracket Assembly	1
4	400-4045	Motor Mounting Bracket	1
5	S20C832-5	Screw and Lockwasher 8-32 x 5/16	4
6	P10K094-10	Roll Pin 3/32 x 5/8	1
7	150-5417	Drive Coupling and Hub Assembly	1
8	400-8004	Control Box Drive Motor	1
9	150-4035	Coupling Plate	1
10	400-5057	Cam and Switch Assembly	1
11	400-3032	Adjusting Screw - Headless	4
12	400-3029	Adjusting Screw	6 to 7
13	400-3026	Switch Bracket	11
14	400-7003	Compression Spring	10 to 11
15	400-8018	Control Box Switch	10 to 11
16	R10K250	Retaining Ring 1/4	2
17	400-5059	Drive Coupling and Shaft Assembly	1
18	400-3027	Cycle Cam	1
19	400-3028	Ingredient Cam	10
20	400-5058	Frame Assembly (Cam and Switch)	1
21	001-8119	Relay Keeper Wire	3 to 4
22	001-8120	Relay	3 to 4
23	S20C832-4	Screw and Lock Washer 8-32 x 1/4	2
24	400-4046	Counter and Relay Bracket	1
25	S20C632-5	Screw and Lockwasher 6-32 x 5/16	4
26	400-8008	Counter	1
27	N20C632	Nut and Lockwasher 6-32	6 to 8
28	S10C632-8	Screw 6-32 x 1/2	6 to 8
29	001-8121	Relay Receptacle	3 to 4
30	400-8058	Wire Clamp	1
31	150-8214	Push Button Switch	6
32	400-5056	Control Box Weld Assembly	1

Figure 15 — CONTROL BOX ASSEMBLY

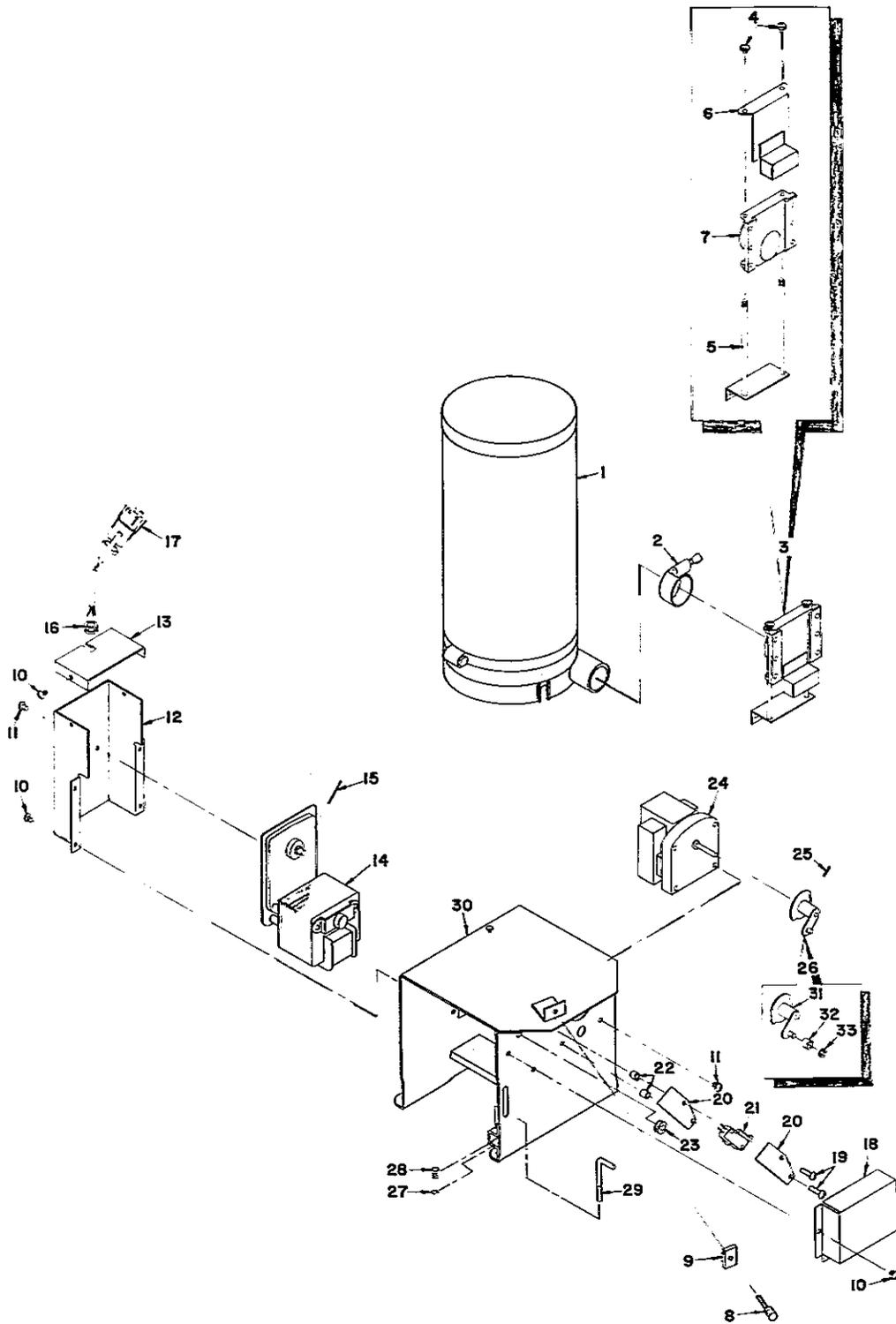


Figure 16 — COFFEE CANISTER AND STAND ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-5029	Canister Assembly - Coffee, Creme, Soup	1
2	400-8027	Clamp	1
3	400-5034	Nozzle and Gate Assembly	1
4	400-8028	Thumb Nut No. 6-32	2
5	400-5036	Drive Shaft and Bracket Assembly	1
6	400-5037	Gate and Deflector Assembly	1
7	400-5035	Nozzle Housing Assembly	1
8	400-6023	Thumb Screw	1
9	400-4029	Canister Clamp	1
10	S20C832-4	Screw and Lockwasher 8-32 x 1/4	8
11	S20C832-5	Screw and Lockwasher 8-32 x 5/16	8
12	400-4022	Motor Mounting Shield	1
13	400-4023	Cover Motor Mounting Shield	1
14	400-8001	Drive Motor	1
15	P10K094-20	Roll Pin 3/32 x 1-1/4	1
16	001-8021	Rubber Grommet 1/2	1
17	400-8098	4 Contact Plug	1
18	400-4030	Switch Cover	1
19	S10C440-14	Screw 4-40 x 7/8	2
20	501-9001	Switch Insulator	2
21	400-8017	Micro Switch	1
22	400-6039	Switch Spacer	2
23	001-8020	Rubber Grommet 3/8	1
24	400-8003	Coffee Gate Motor	1
25	P10K094-10	Roll Pin 3/32 x 5/8	1
26	400-5033	Cam and Drive Arm Assembly	1
27	R10K187	Retaining Ring 3/16	1
28	400-7000	Compression Spring	1
29	400-6018	Lock Pin	1
30	400-5028	Coffee Stand Assembly	1
31	400-5052	Cam and Drive Arm Weld and Rivet Assembly	1
32	400-6034	Coffee Gate Roller	1
33	R10K187	Retaining Ring 3/16	1

Figure 16 — COFFEE CANISTER AND STAND ASSEMBLY

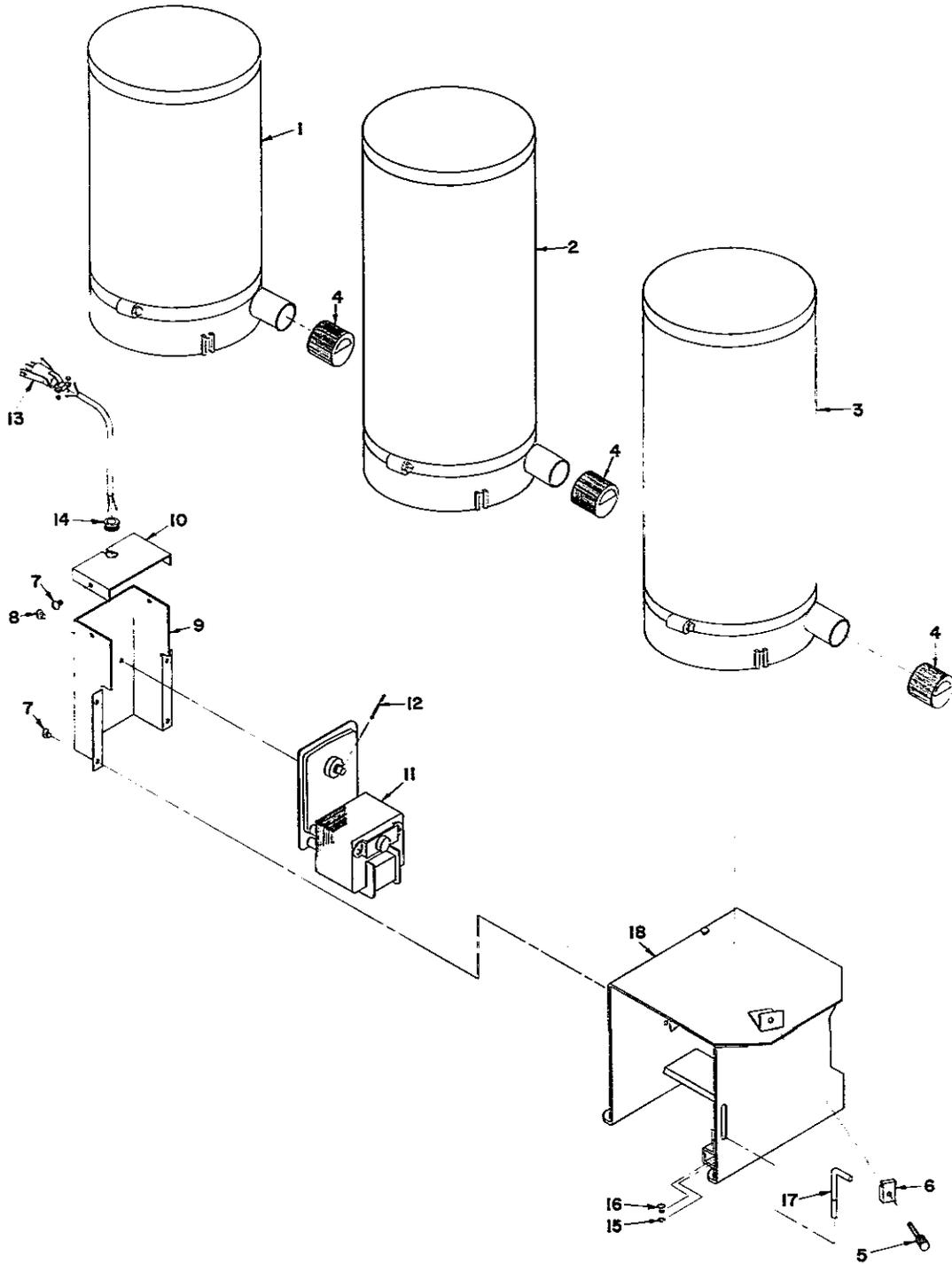


Figure 17 — SUGAR, CREME AND TEA CANISTER AND STAND ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-5046	Canister Assembly - Tea	1
2	400-5042	Canister Assembly - Sugar	1
3	400-5029	Canister Assembly - Creme, Coffee, Soup	1
4	400-3031	Canister Nozzle	1
5	400-6023	Thumb Screw	1
6	400-4029	Canister Clamp	1
7	S20C832-4	Screw and Lockwasher 8-32 x 1/4	6
8	S20C832-5	Screw and Lockwasher 8-32 x 5/16	4
9	400-4022	Motor Mounting Shield	1
10	400-4023	Cover Motor Mounting Shield	1
11	400-8001	Drive Motor	1
12	P10K094-20	Roll Pin 3/32 x 1-1/4	1
13	400-8096	2 Contact Plug	1
14	001-8021	Rubber Grommet	1
15	R10K187	Retaining Ring 3/16	1
16	400-7000	Compression Spring	1
17	400-6018	Lock Pin	1
18	400-5039	Canister Stand Assembly	1

Figure 17 — SUGAR, CREME AND TEA CANISTER AND STAND ASSEMBLY

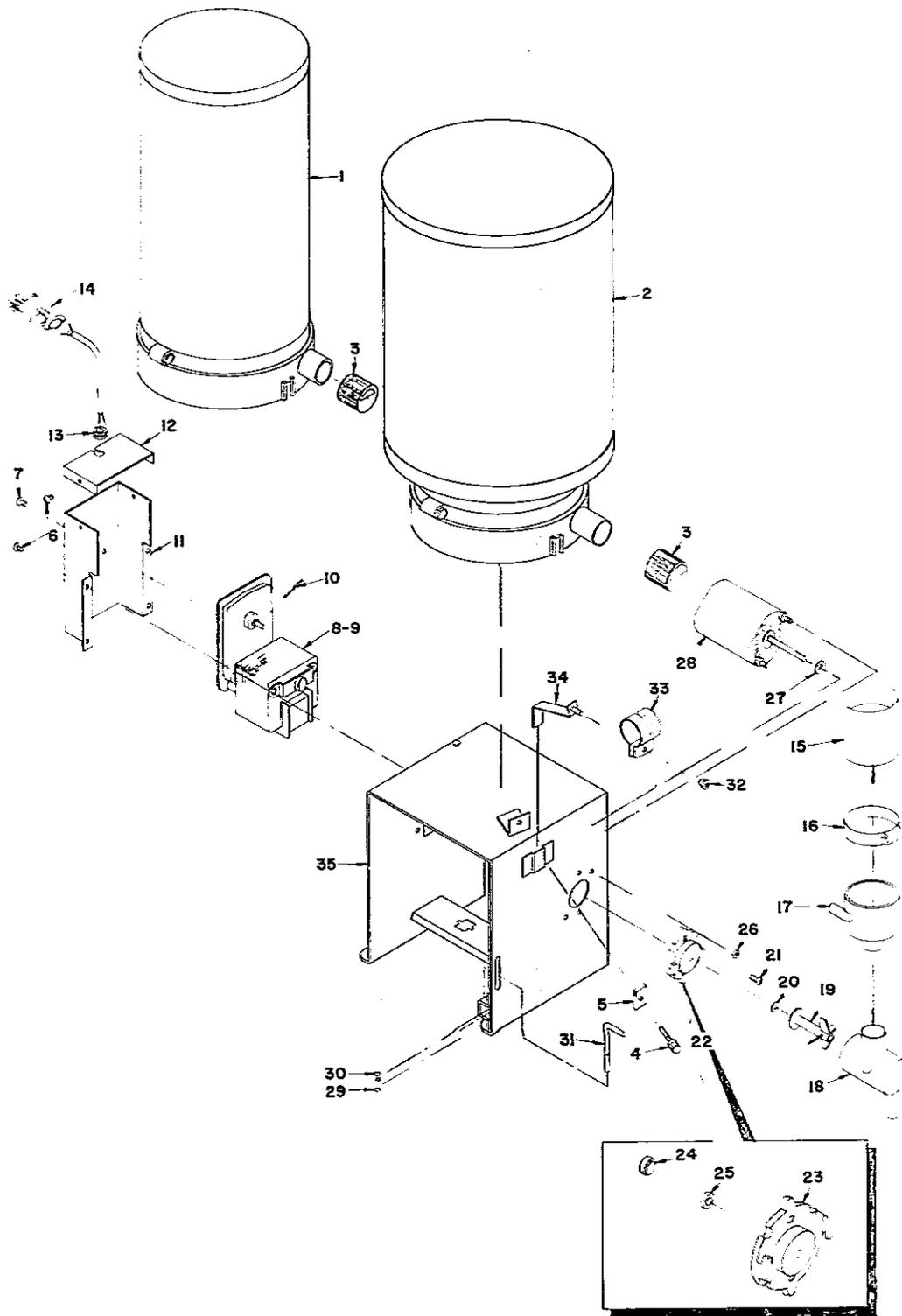


Figure 18 — CHOCOLATE AND SOUP CANISTER AND STAND ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-5029	Canister Assembly - Coffee, Creme, Soup	1
2	400-5017	Canister Assembly - Chocolate	1
3	400-3031	Canister Nozzle	1
4	400-6023	Thumb Screw	1
5	400-4029	Canister Clamp	1
6	S20C832-4	Screw and Lockwasher 8-32 x 1/4	6
7	S20C832-5	Screw and Lockwasher 8-32 x 5/16	4
8	400-8000	Drive Motor - Chocolate	1
9	400-8001	Drive Motor - Soup	1
10	P10K094-20	Roll Pin 3/32 x 1-1/4	1
11	400-4022	Motor Mounting Shield	1
12	400-4023	Cover Motor Mounting Shield	1
13	001-8021	Rubber Grommet	1
14	400-8098	4 Contact Plug	1
15	400-4038	Blender Funnel Extension (Chocolate Only)	1
16	400-8086	Hose Clamp (2-1/2) (Chocolate Only)	1
17	400-3013	Blender Funnel	1
18	400-3024	Blender Housing	1
19	400-3025	Impeller	1
20	400-8033	Washer	1
21	S10C632-6	Screw 6-32 x 3/8	2
22	400-5023	Blender Base Assembly	1
23	400-3023	Blender Base	1
24	400-8032	Retainer Seal Nut	1
25	400-9002	Retainer Seal	1
26	N20C832	Nut and Lockwasher 8-32	2
27	400-9003	Slinger Washer	1
28	400-8006	Whipper Motor	1
29	R10K187	Retaining Ring 3/16	1
30	400-7000	Compression Spring	1
31	400-6018	Lock Pin	1
32	400-8029	Thumb Nut 8-32	1
33	400-4050	Exhaust Hose Retainer	1
34	400-5026	Hose Clamp Bracket Assembly	1
35	400-5016	Stand Assembly	1

Figure 18 — CHOCOLATE AND SOUP CANISTER AND STAND ASSEMBLY

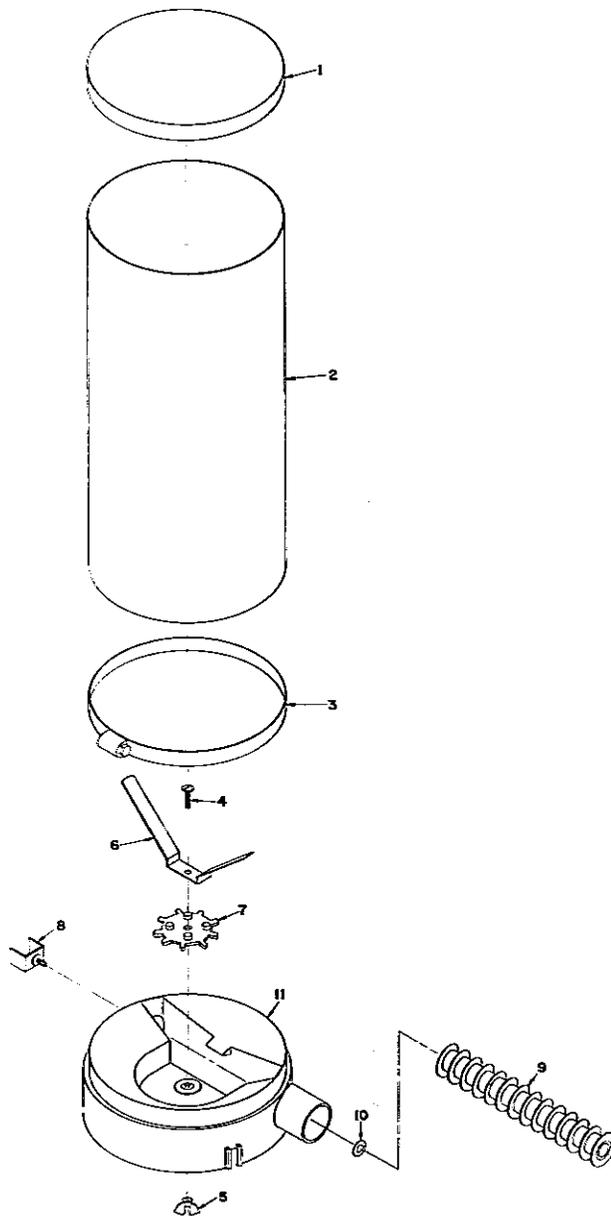


Figure 19 — COFFEE, CREME AND SOUP CANISTER ASSEMBLY COMPLETE

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-3015	Hopper Cover 6"	1
2	400-3022	6" Hopper Tube (12" Long)	1
3	400-8087	Canister Clamp	1
4	S15D1032-12	Screw 10-32 x 3/4	1
5	400-8030	Wing Nut 10-32	1
6	400-4025	Agitator	1
7	400-3019	Agitator Drive .333 Pitch	1
8	400-5019	Drive Screw and Yoke Assembly	1
9	400-3010	Auger .333 Lead	1
10	400-8034	Auger Washer	1
11	400-5010	Hopper Base Assembly	1

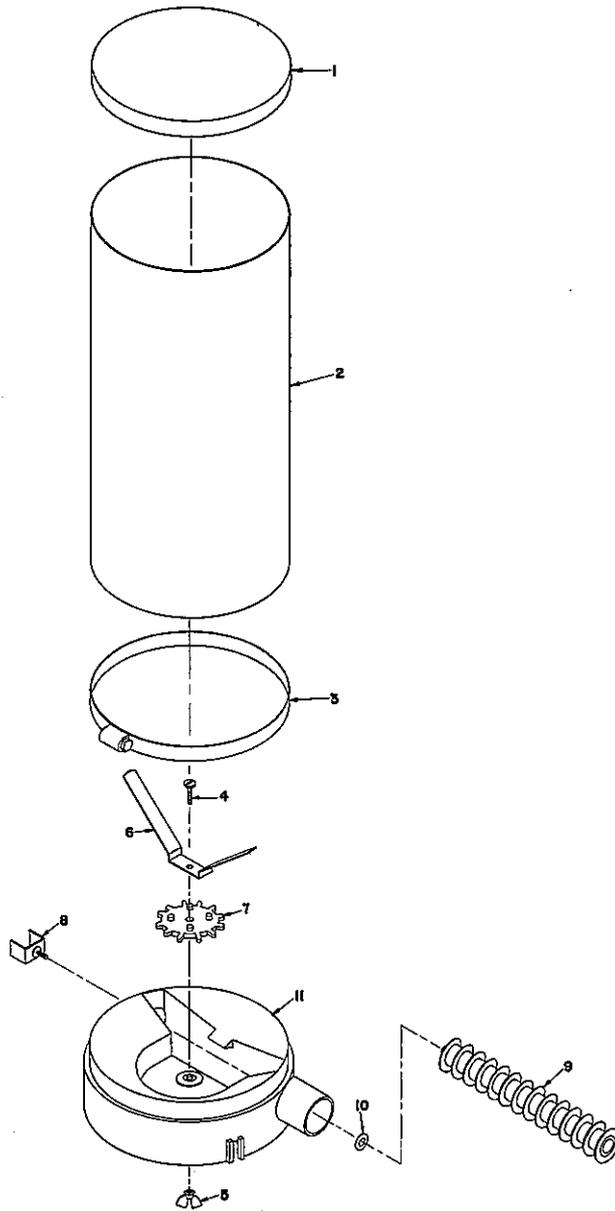


Figure 20 — SUGAR CANISTER ASSEMBLY COMPLETE

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-3015	Hopper Cover 6"	1
2	400-3022	6" Hopper Tube (12" Long)	1
3	400-8087	Canister Clamp	1
4	S15D1032-12	Screw 10-32 x 3/4	1
5	400-8030	Wing Nut 10-32	1
6	400-4025	Agitator	1
7	400-3012	Agitator Drive .500 Pitch	1
8	400-5019	Drive Screw and Yoke Assembly	1
9	400-3011	Auger .500 Lead	1
10	400-8034	Auger Washer	1
11	400-5010	Hopper Base Assembly	1

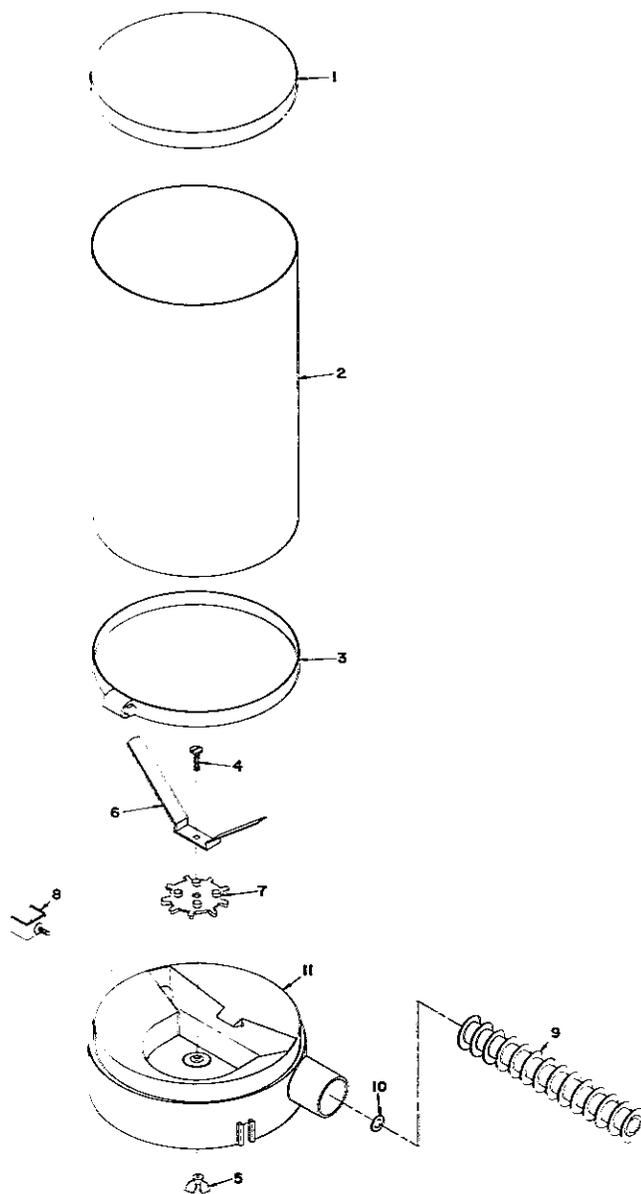


Figure 21 — TEA CANISTER ASSEMBLY COMPLETE

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-3015	Hopper Cover 6"	1
2	400-3033	6" Hopper Tube (9" Long)	1
3	400-8087	Canister Clamp	1
4	S15D1032-12	Screw 10-32 x 3/4	1
5	400-8030	Wing Nut 10-32	1
6	400-4025	Agitator	1
7	400-3019	Agitator Drive .333 Pitch	1
8	400-5019	Drive Screw and Yoke Assembly	1
9	400-3010	Auger .333 Lead	1
10	400-8034	Auger Washer	1
11	400-5010	Hopper Base Assembly	1

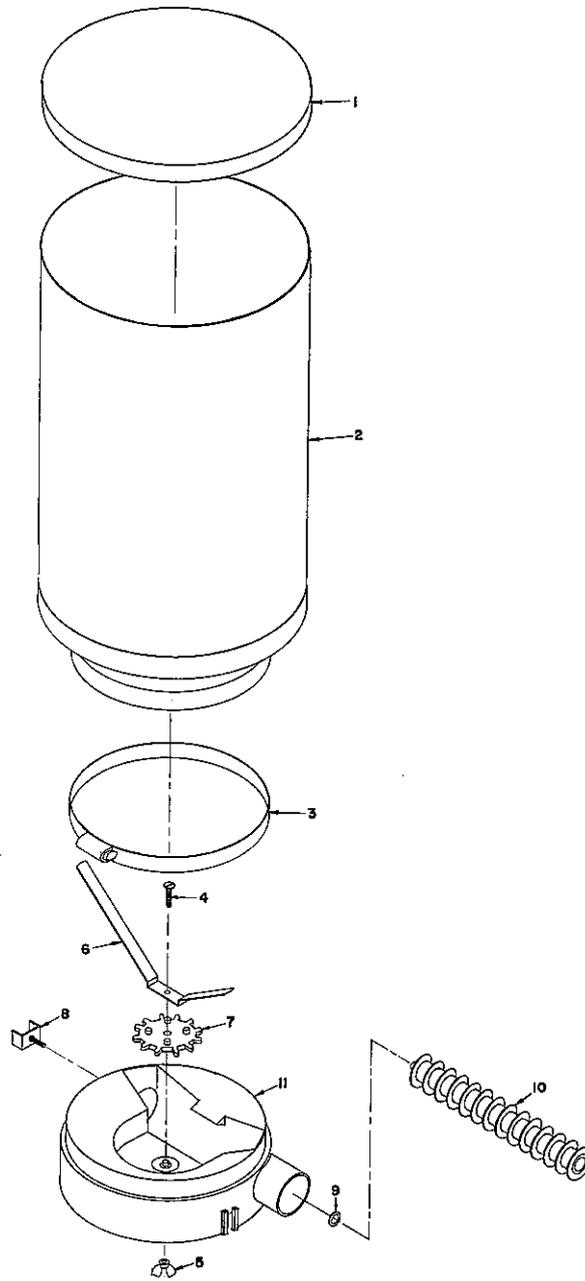


Figure 22 — CHOCOLATE CANISTER ASSEMBLY COMPLETE

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-3014	Hopper Cover 8"	1
2	400-3021	8" Hopper Tube Assembly	1
3	400-8087	Canister Clamp	1
4	S15D1032-12	Screw 10-32 x 3/4	1
5	400-8030	Wing Nut 10-32	1
6	400-4024	Agitator (Chocolate)	1
7	400-3012	Agitator Drive .500 Pitch	1
8	400-5019	Drive Screw and Yoke Assembly	1
9	400-8034	Auger Washer	1
10	400-3011	Auger .500 Lead	1
11	400-5010	Hopper Base Assembly	1

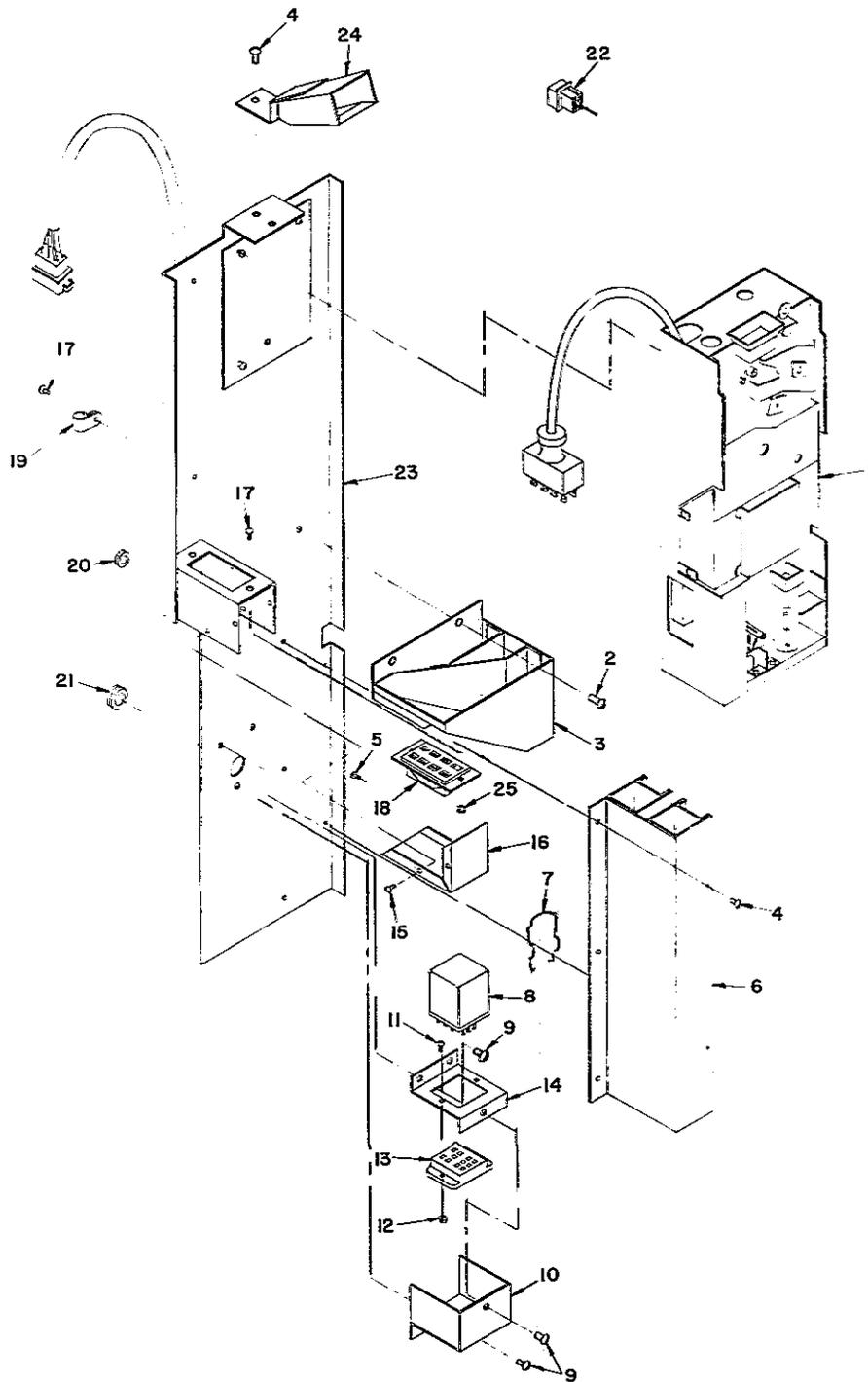


Figure 23 — NATIONAL CHANGER AND PLATE (K-38 KIT)

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-8160	National Coin Mechanism	1
2	S13C832-5	Screw 8-32 x 5/16 Flat Head	2
3	400-5354	National Lower Coin Chute Assembly	1
4	S20C832-3	Screw and Lockwasher 8-32 x 3/16	6
5	S40C620-3	Screw 6-20 x 3/16	2
6	400-5357	National Coin Chute Bottom Assembly	1
7	001-8119	Relay Keeper Wire	1
8	001-8120	Relay	1
9	S20C832-3	Screw and Lockwasher 8-32 x 3/16	4
10	400-4360	Relay Bracket Cover	1
11	S10C632-8	Screw 6-32 x 1/2	2
12	N20C632	Nut and Lockwasher 6-32	2
13	001-8121	Relay Receptacle	1
14	400-4361	Relay Bracket	1
15	S20C632-3	Screw and Lockwasher 6-32 x 3/16	4
16	400-4358	Socket Housing Cover	1
17	S11C832-5	Screw 8-32 x 5/16	6
18	400-8161	8 Contact Socket	1
19	001-8017	Wire Clamp	4
20	001-8021	Rubber Grommet 1/2	1
21	001-8089	Rubber Grommet 13/16	1
22	400-5358	Jumper Plug Assembly	1
23	400-5352	Support Plate Assembly	1
24	400-5356	Lower Coin Receiver	1
25	N20C832	Nut and Lockwasher 8-32	2

Figure 23 — NATIONAL CHANGER AND PLATE (K-38 KIT)

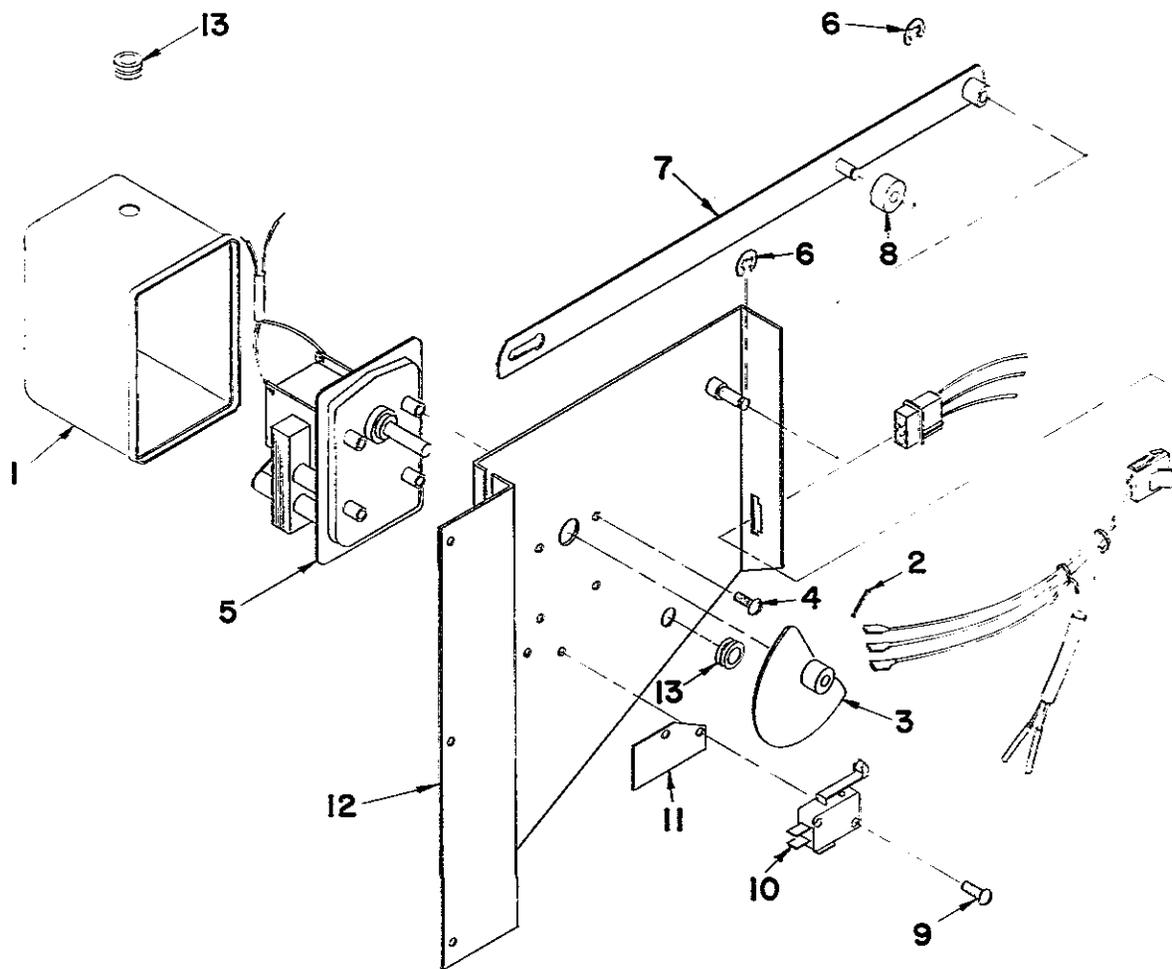


Figure 24 — DOOR LIFT ASSEMBLY (K41-KIT)

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	400-8014	Motor Cover	1
2	P10K094-10	Roll Pin 3/32 x 5/8	1
3	400-5094	Drive Cam Assembly	1
4	S20C832-5	Screw and Lockwasher 8-32 x 5/16	4
5	400-8005	Motor (Vend Door)	1
6	R10K250	Retaining Ring 1/4	2
7	400-5095	Drive Arm Assembly	1
8	400-6033	Roller	1
9	S10C440-9	Screw 4-40 x 9/16	2
10	400-8017	Micro Switch	1
11	501-9001	Switch Insulator	1
12	400-5093	Door Lift Bracket Assembly	1
13	001-8021	Rubber Grommet	2

Figure 24 — DOOR LIFT ASSEMBLY (K41-KIT)

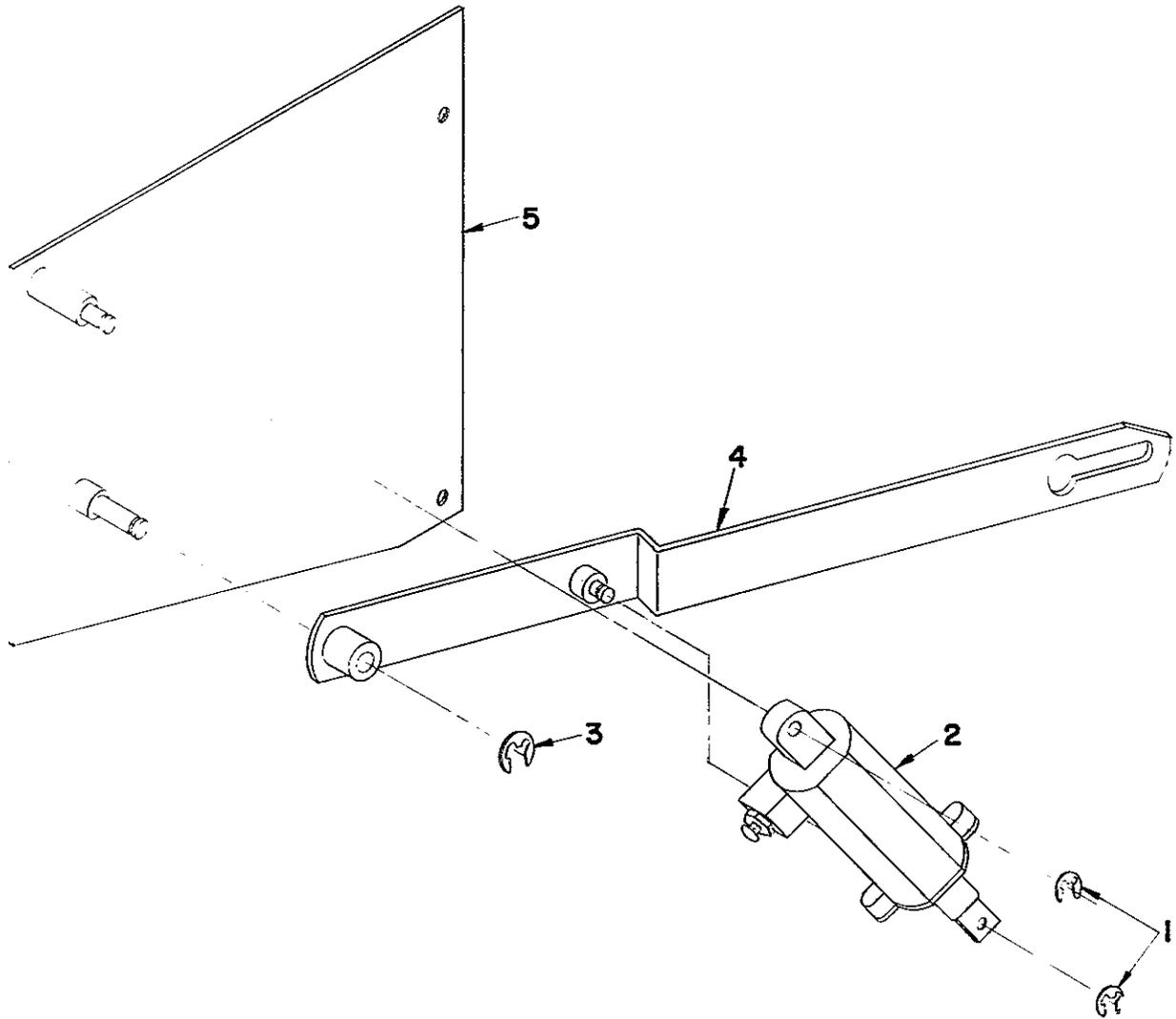


Figure 25 — CUP DOOR DAMPENING ASSEMBLY

INDEX NO.	PART NO.	DESCRIPTION	QTY. PER ASSEM.
1	R10K187	Retaining Ring 3/16	2
2	001-8024	Dampening Cylinder	1
3	R10K250	Retaining Ring 1/4	1
4	400-5137	Dampening Arm Assembly	1
5	400-5136	Door Dampening Cylinder Bracket Assembly	1

NOTES