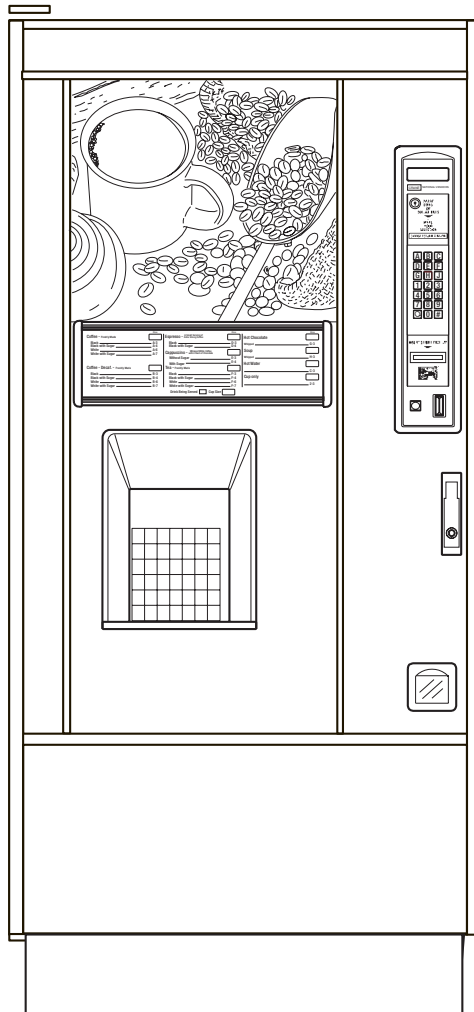


Models 630 / 638

Hot Drink Series



PARTS MANUAL

12955 Enterprise Way
Bridgeton, Missouri 63044-1200
(314) 298-3500

6300016

Copyright © 9-98

List of Figures

Number	Title	Page
1	630/638 Merchandiser	1
2	Door Assembly - Part 1	2
3	Door Assembly - Part 2	4
6	Coin Receptacle Assembly	8
7	GPL Trim	10
8	Generation Trim	12
9	Door Lock Mechanism	14
10	Door Lock and Handle Assembly	16
11	Mech and Canister Assembly	18
12	Turret and Canister Assembly - 7 Column	20
13	Mechanism Assembly	22
14	Cup Ring Assembly	24
15	Actuator Assembly - Cup Ring	25
16	Mounting Brackets	26
17	Automatic Delivery Door	28
18	Display Assembly	30
19	Miscellaneous Mounted Parts - Door Assembly	32
20	Base Plate Assembly (Optional)	34
21	Leg, Leveler, and Leg and Hinge Assemblies	36
22	Cabinet Assembly - Part 1	38
23	Cabinet Assembly - Part 2	40
24	Cabinet Assembly - Part 3	42
25	Cabinet Assembly - Part 4	44
26	Monetary Channel	46
27	Power Panel Assembly (All 115 Volt Applications)	48
28	Power Panel Assembly - 115 V (Latin America)	50
29	Power Panel Assembly - 230 V Latin America	52
30	Water Tank Assembly	54
31	Lid Assembly - Water Tank	56
32	Valve Assembly - Hot Water	58
33	Service Light/Bracket Assembly - 115 V	60
34	Service Light/Bracket Assembly - 230 V	62
35	Cup Station Support, Overflow Switch, and Cup Sensor	64
36	Overflow Switch Assembly	66
37	Canister Support Assembly	68
38	Regulator Assembly	70
39	Mixing Bowl and Whipper Assembly	72
40	Single Brewer Assembly (Without Filter)	74
41	Single Brewer Assembly - With Filter	76
42	Barrel Assembly - Single Brewer	78
43	Rack Assembly	80

Hot Drink Series - Models 630 / 638 - Parts Manual

44	Paper Mechanism Assembly - Single Brewer With Filter	82
45	Filter Paper Housing	84
46	Water Valve Assembly - Without Filter	86
47	Filter Head Assembly - With Everpure Filter	87
48	Filter Head Assembly - With Hydrolife Filter	88
49	Filter Head Assembly - With Cuno Filter	89
50	Mixing Bowl and Brewer Ventilation System	90
51	Vent Tubing (Model 630 Only)	92
52	Vent Tubing (Model 638 Only)	94
53	Bracket, Blower, and Cover Assembly	96
54	Brewer Drive Assembly	98
55	Air Compressor Assembly	100
56	Monetary Panel - Part 1	102
57	Monetary Panel - Part 2	104
58	Monetary Panel - Part 3	106
59	Monetary Panel - Part 4	108
60	Cup Delivery Assembly	110
61	Product/Condiment Chutes	112
62	Product and Condiment Canisters	114
63	Canister Assembly - Chocolate	116
64	Canister Assembly - Optional Product or Decaf	118
65	Canister Assembly - Lightener	120
66	Canister Assembly - Sugar	122
67	Canister Assembly - Freeze Dry Coffee	124
68	Canister Assembly - Fresh Brew Coffee	126
69	Canister Motor and Plate Assemblies	128
71	Wiring Diagram - 115 V	131
72	Wiring Diagram - 230 V	132

List of Tables

Number	Title	Page
1	630/638 Merchandiser	1
2	Door Assembly - Part 1	3
3	Door Assembly - Part 2	5
4	Bag Assembly B6300000 - U. S.	6
5	Bag Assembly B63800001 - Latin America	7
6	Coin Receptacle Assembly	9
7	GPL Trim	11
8	Generation Trim	13
9	Door Lock Mechanism	15
10	Door Lock and Handle Assembly	17
11	Mech and Canister Assembly	19
12	Turret and Canister Assembly - 7 Column	21
13	Mechanism Assembly	23
14	Cup Ring Assembly	24
15	Actuator Assembly - Cup Ring	25
16	Mounting Brackets	27
17	Automatic Delivery Door	29
18	Display Assembly	31
19	Miscellaneous Mounted Parts - Door Assembly	33
20	Base Plate Assembly (Optional)	35
21	Leg, Leveler, and Leg and Hinge Assemblies	37
22	Cabinet Assembly - Part 1	39
23	Cabinet Assembly - Part 2	41
24	Cabinet Assembly - Part 3	43
25	Cabinet Assembly - Part 4	45
26	Monetary Channel	47
27	Power Panel Assembly (All 115 Volt Applications)	49
28	Power Panel Assembly - 115 V (Latin America)	51
29	Power Panel Assembly - 230 V Latin America	53
30	Water Tank Assembly	55
31	Lid Assembly - Water Tank	57
32	Valve Assembly - Hot Water	59
33	Service Light/Bracket Assembly - 115 V	61
34	Service Light/Bracket Assembly - 230 V	63
35	Cup Station Support, Overflow Switch, and Cup Sensor	65
36	Overflow Switch Assembly	67
37	Canister Support Assembly	69
38	Regulator Assembly	71
39	Mixing Bowl and Whipper Assembly	73
40	Single Brewer Assembly (Without Filter)	75
41	Single Brewer Assembly - With Filter	77

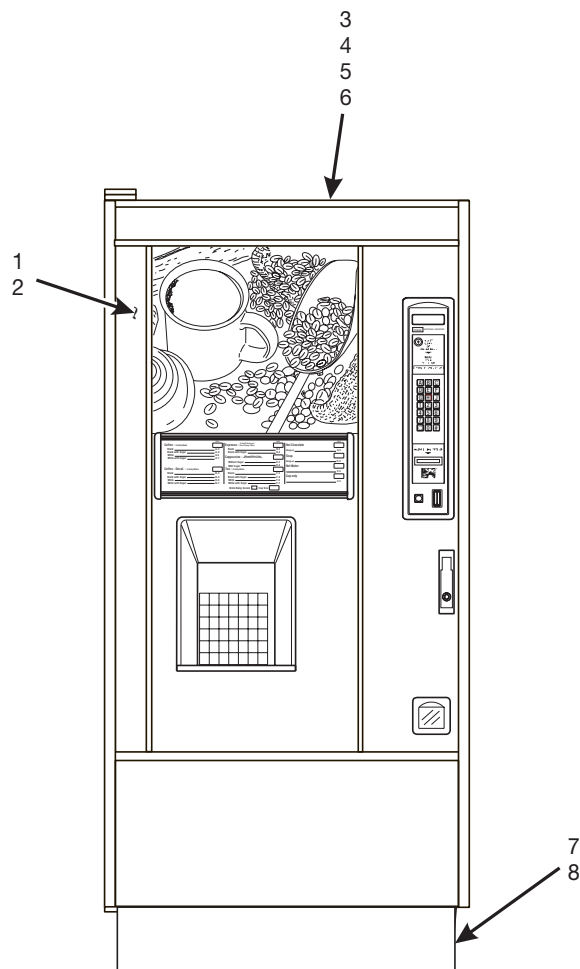
Hot Drink Series - Models 630 / 638 - Parts Manual

42	Barrel Assembly - Single Brewer	79
43	Rack Assembly	81
44	Paper Mechanism Assembly - Single Brewer With Filter	83
45	Filter Paper Housing	85
45	Water Valve Assembly - Without Filter	86
46	Filter Head Assembly - With Everpure Filter	87
47	Filter Head Assembly - With Hydrolife Filter	88
48	Filter Head Assembly - With Cuno Filter	89
50	Mixing Bowl and Brewer Ventilation System	91
51	Vent Tubing (Model 630 Only)	93
52	Vent Tubing (Model 638 Only)	95
53	Bracket, Blower, and Cover Assembly	97
54	Brewer Drive Assembly	99
55	Air Compressor Assembly	101
56	Monetary Panel - Part 1	103
57	Monetary Panel - Part 2	105
58	Monetary Panel - Part 3	107
59	Monetary Panel - Part 4	109
60	Cup Delivery Assembly	111
61	Product/Condiment Chutes	113
62	Product and Condiment Canisters	115
63	Canister Assembly - Chocolate	117
64	Canister Assembly - Optional Product or Decaf	119
65	Canister Assembly - Lightener	121
66	Canister Assembly - Sugar	123
67	Canister Assembly - Freeze Dry Coffee	125
68	Canister Assembly - Fresh Brew Coffee	127
69	Canister Motor and Plate Assemblies	129
70	Tubing (not shown)	130

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 1. 630/638 MERCHANDISER

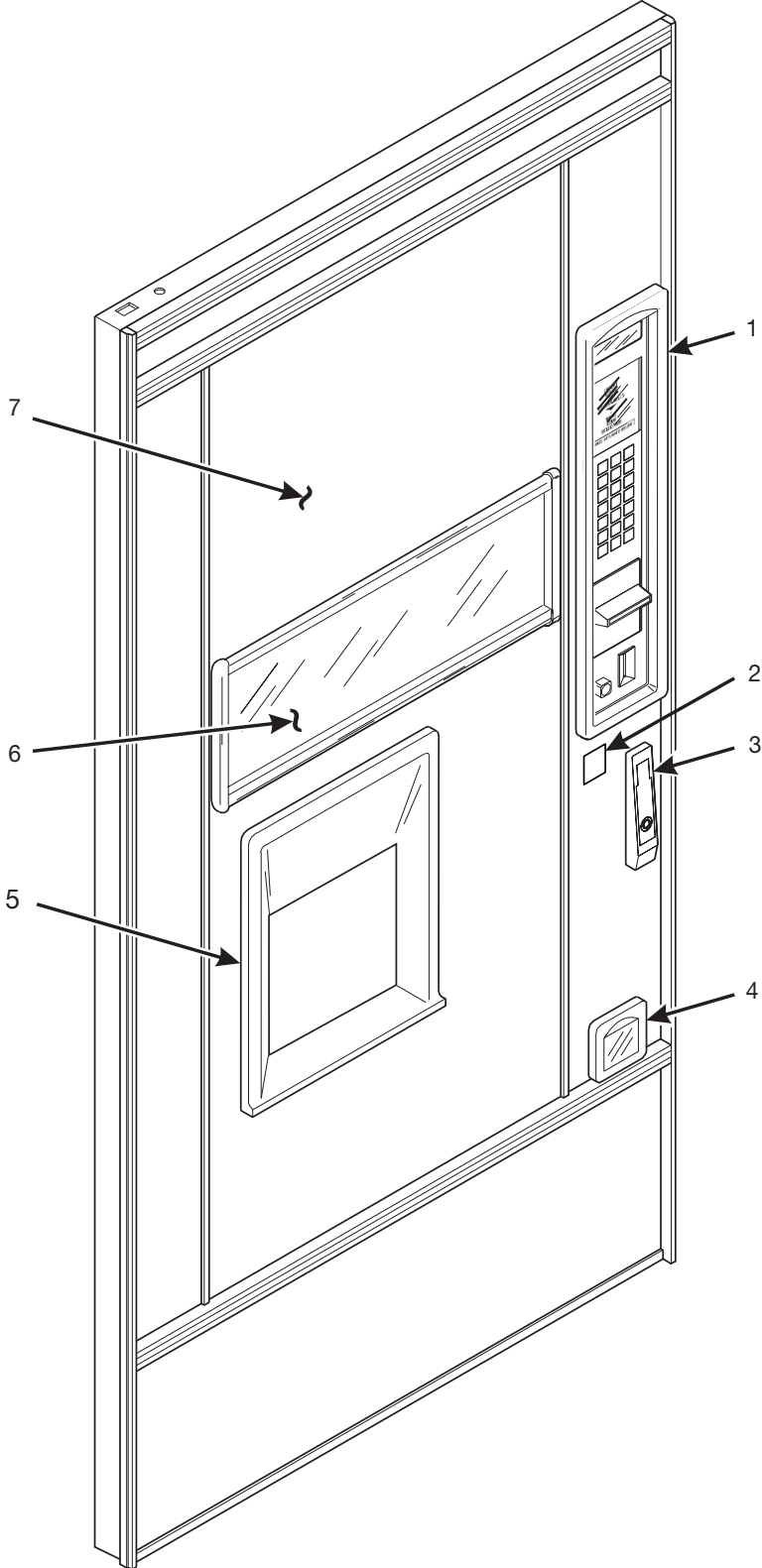
<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>
1	-	DOOR ASSEMBLY - PART 1 (SEE FIGURE 2 FOR DETAILS)
2	-	DOOR ASSEMBLY - PART 2 (SEE FIGURE 3 FOR DETAILS)
3	-	CABINET ASSEMBLY - PART 1 (SEE FIGURE 22 FOR DETAILS)
4	-	CABINET ASSEMBLY - PART 2 (SEE FIGURE 23 FOR DETAILS)
5	-	CABINET ASSEMBLY - PART 3 (SEE FIGURE 24 FOR DETAILS)
6	-	CABINET ASSEMBLY - PART 4 (SEE FIGURE 25 FOR DETAILS)
7	-	BASE PLATE ASSEMBLY (SEE FIGURE 20 FOR DETAILS)
8	-	LEG, LEVELER, AND LEG AND HINGE ASSEMBLIES (SEE FIGURE 21 FOR DETAILS)
-	-	BAG ASSEMBLIES (SEE FIGURE 4 FOR DETAILS)
-	-	TUBING (SEE FIGURE 70 FOR DETAILS)
-	-	WIRING HARNESSSES (SEE FIGURE 73 FOR DETAILS)



630p0001

Figure 1. 630/638 Merchandiser

Hot Drink Series - Models 630 / 638 - Parts Manual



630p0002

Figure 2. Door Assembly - Part 1

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 2. DOOR ASSEMBLY - PART 1

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	1575047	CASTING - MONETARY FRAME - BLACK	1
2	6272001	LABEL - CAUTION - HOT DRINK	1
3	-	DOOR LOCK MECHANISM (SEE FIGURE 9 FOR DETAILS)	1
4	-	COIN RECEPTACLE ASSEMBLY (SEE FIGURE 6 FOR DETAILS)	1
5	3152045	FRAME - CUP DELIVERY DOOR	1
6	-	DISPLAY ASSEMBLY (SEE FIGURE 18 FOR DETAILS)	1
7	6342035	DISPLAY - PHOTO - P.O.P. - OFFSET	1
-	-	GPL TRIM (SEE FIGURE 7 FOR DETAILS)	-
-	-	GPL GENERATION TRIM (SEE FIGURE 8 FOR DETAILS)	-

Hot Drink Series - Models 630 / 638 - Parts Manual

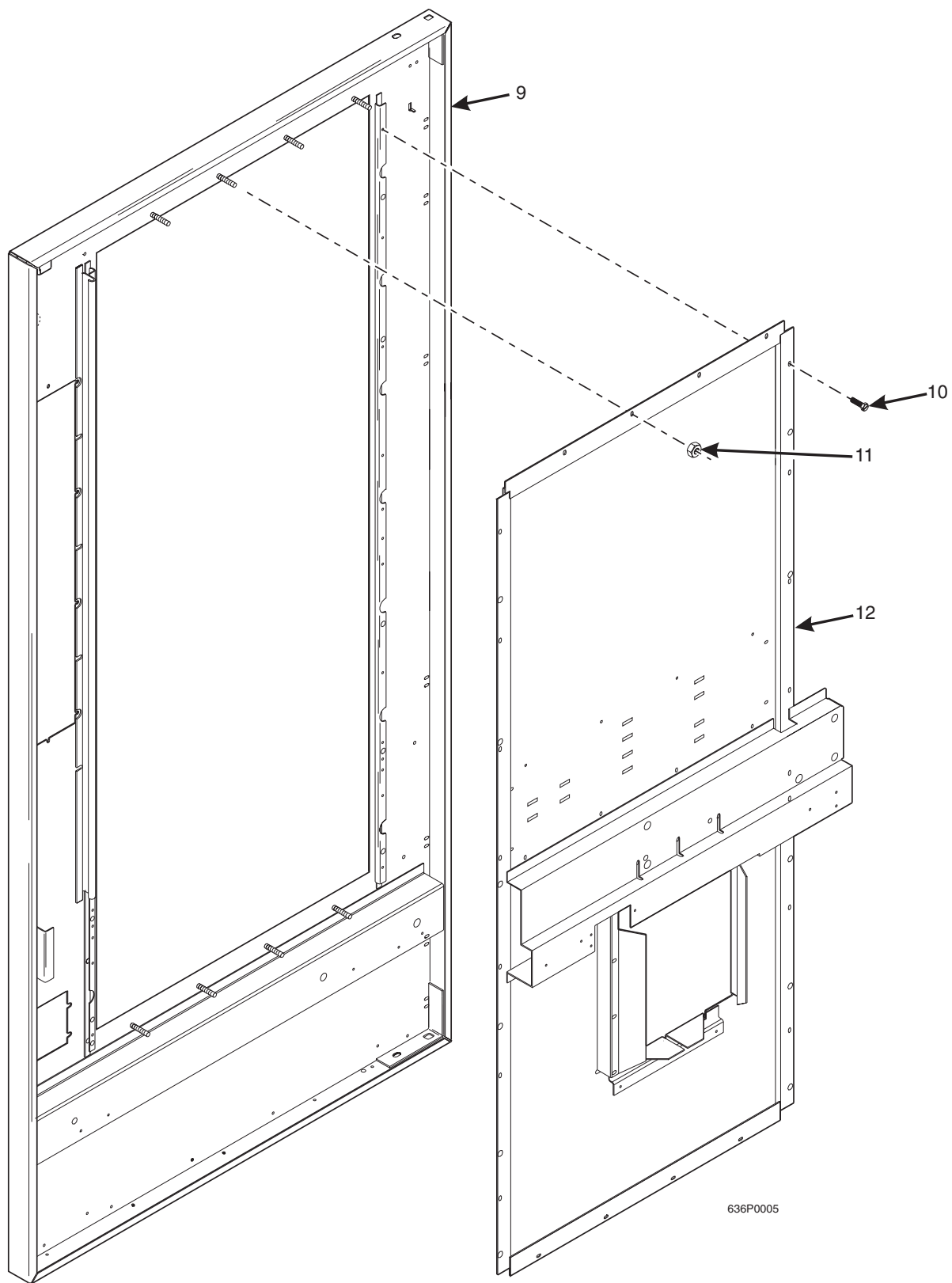


Figure 3. Door Assembly - Part 2

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 3. DOOR ASSEMBLY - PART 2

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6302001	DOOR ASSEMBLY - COMMON - STANDARD	1
-	6302002	DOOR ASSEMBLY - COMMON - GENERATION (NOT SHOWN)	
1	1582069	WELD ASSEMBLY - DOOR	1
2	9900081	NUT - #8032 KEPS	-
3	1451097	SCREW - #8-32 X .31 HEX HD	-
4	6263000	MECH AND CANISTER ASSEMBLY (SEE FIGURE 11 FOR DETAILS)	1
5	6392007	PANEL ASSEMBLY - DOOR - CENTER	1
6	-	AUTOMATIC DELIVERY DOOR (SEE FIGURE 17 FOR DETAILS)	1
7	6300003	SELECTION LABEL	1
8	1570116	QUALITY LABEL	1
9	6232513	SANITATION LABEL	1

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 4. BAG ASSEMBLY B6300000 - U. S.

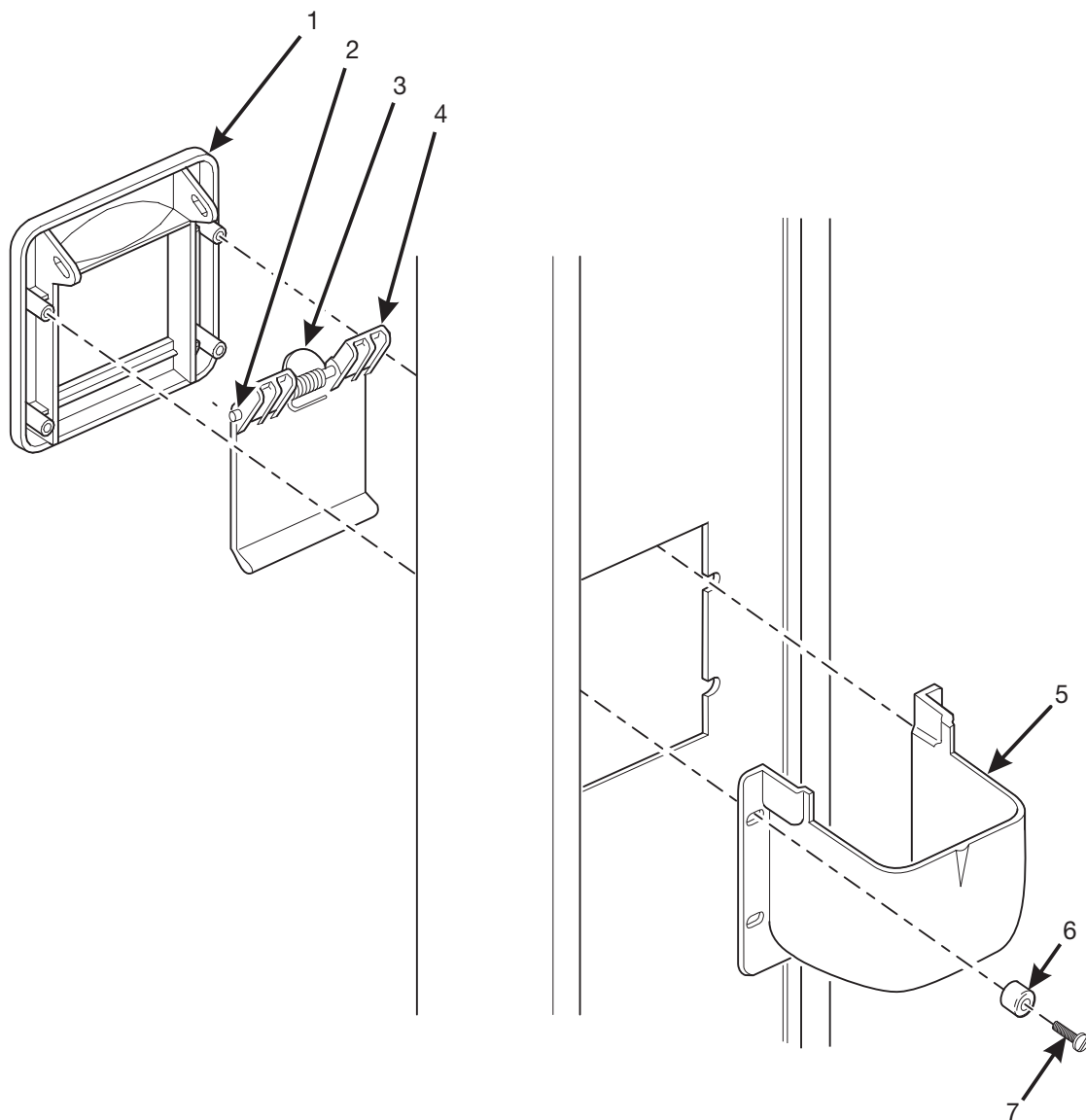
<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1300018	BAG - PLASTIC	1
3158026	LABEL - EVERPURE - SMALL - 7001-07	1
6230071	LABEL - FRENCH VANILLA CAFE	1
6230072	LABEL - SUISSE MOCHA, 5.25X1.1	1
6232080	LABEL - PRICE,CUP SIZE,BLNK	1
6237063	NOZZLE - DISPENSING - CANISTER	2
6237117	REMOVAL TOOL - IMPELLER	1
6237347	VINYL CAP - 1.00 ID.X.50 LG	7
6300005	LIST - BAG ASSEMBLY B6300000 CONTENTS	1
6342012	LABEL - COF/TEA - ENGLISH	1
6380001	DOCUMENTATION PACKAGE	1
6380009	W.D.PACKAGE - EURO COFFEE-115V	1
6380011	LIST - BAG ASSEMBLY	

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 5. BAG ASSEMBLY B63800001 - LATIN AMERICA

<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
WD638008	W.D.-HOT BEVERAGE-115V	1
WD638009	W.D.-HOT BEVERAGE-230V	1
1300018	BAG PLASTIC	1
6232080	LABEL-PRICE,CUP SIZE,BLNK	1
6237117	REMOVAL TOOL-IMPELLER	1
6300021	OPERATOR'S GUIDE	1

Hot Drink Series - Models 630 / 638 - Parts Manual



630P0031

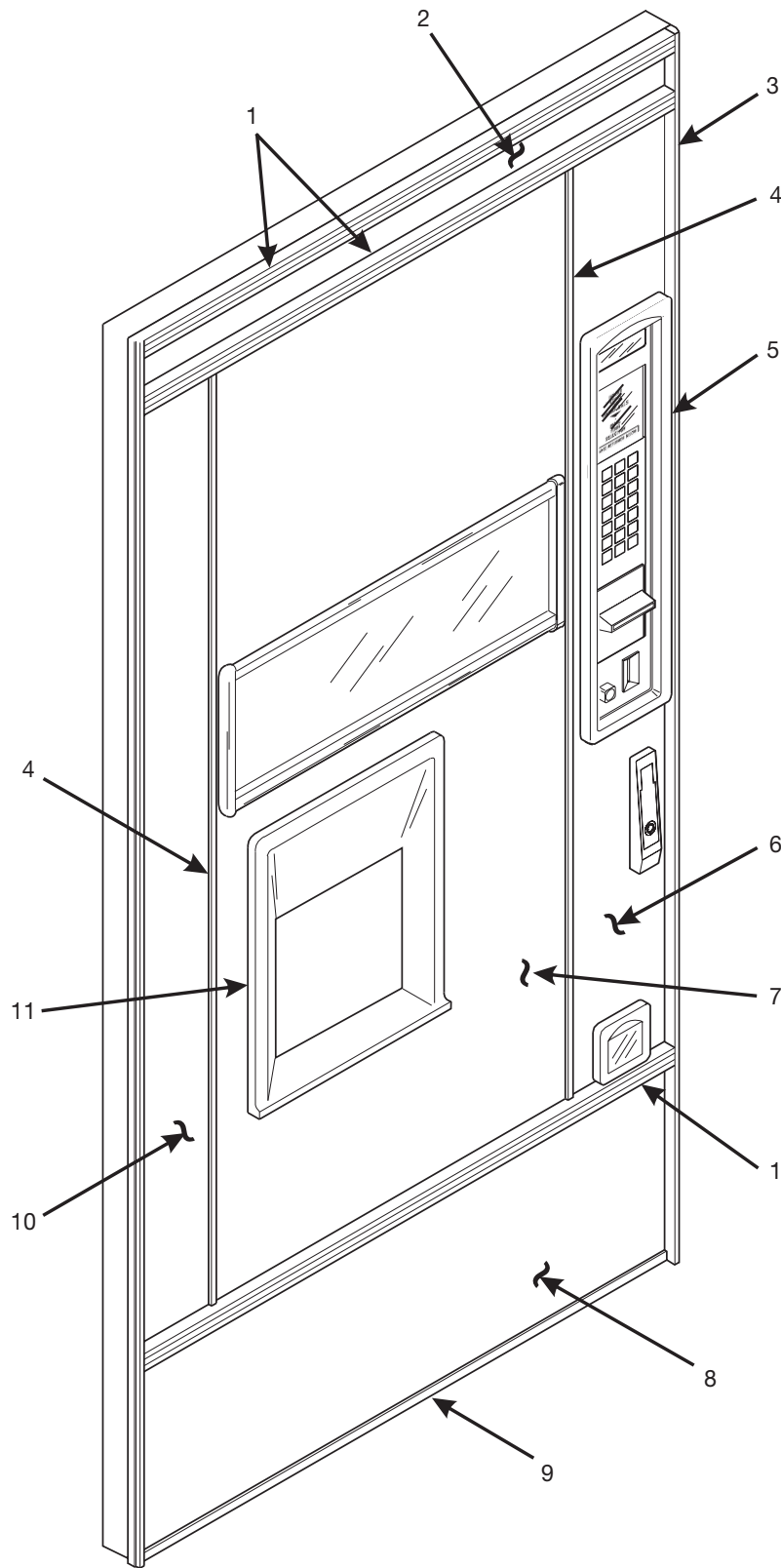
Figure 6. Coin Receptacle Assembly

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 6. COIN RECEPTACLE ASSEMBLY

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	1572011	TRIM - COIN RECEPTACLE	1
2	4245084	SHAFT - DOOR - COIN RETURN	1
3	4245083	SPRING - COIN RETURN DOOR	1
4	4245082	GATE - COIN RETURN	1
5	1572010	CUP - COIN RETURN	1
6	2302053	SPACER - CUP	4
7	4042512	SCREW - #8-18 X 1/2 PHS - TAPPING	4

Hot Drink Series - Models 630 / 638 - Parts Manual



630p0065

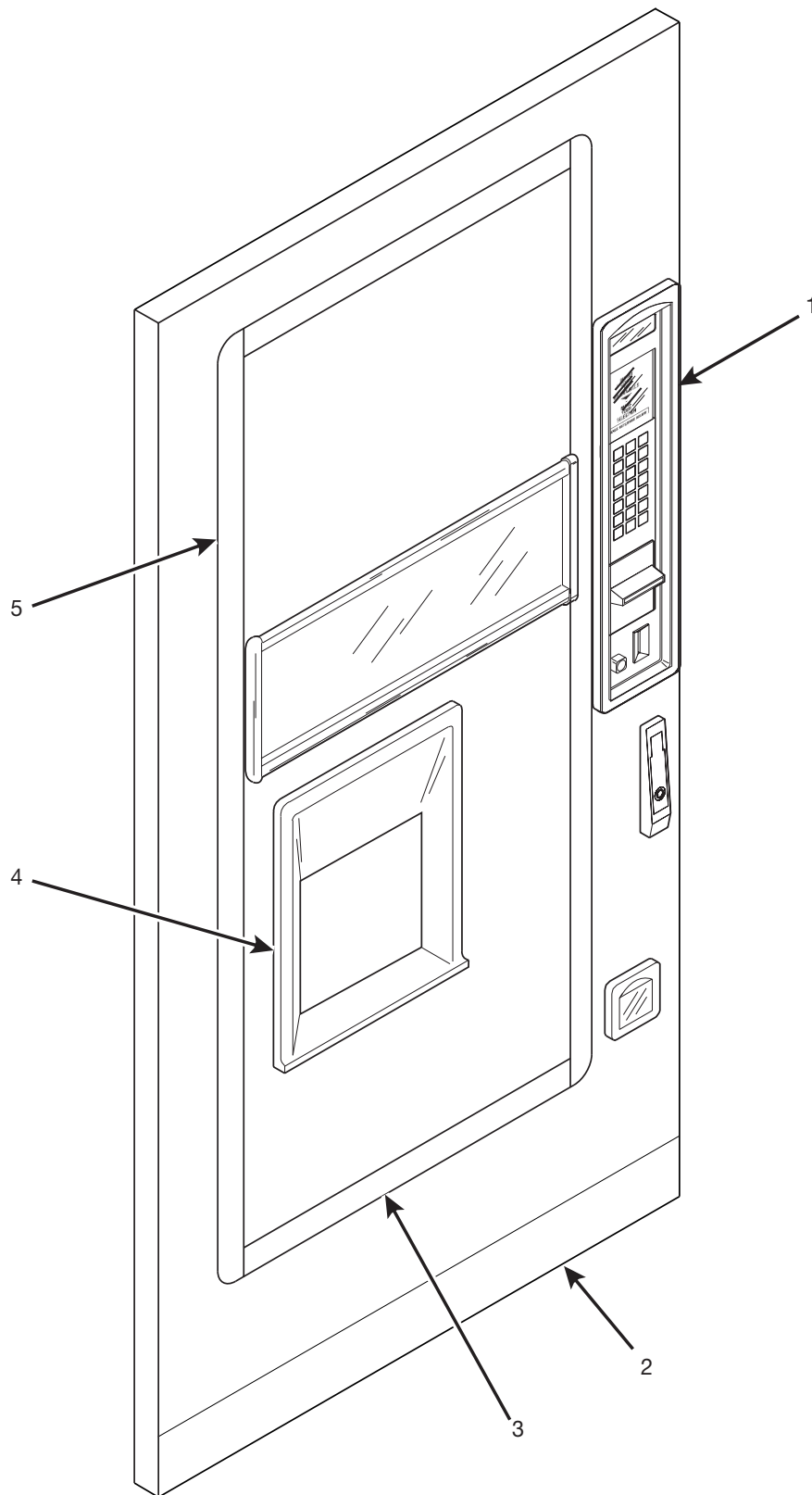
Figure 7. GPL Trim

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 7. GPL TRIM

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	1602016	TRIM - DOOR - HORIZONTAL - BLACK	1
	1602030	TRIM - DOOR - HORIZONTAL - CLEAR	
	1602028	TRIM - DOOR - HORIZONTAL - SPECIAL COLOR	
2	1602040	PANEL - TOP TRIM - FLAT "T" BLACK	1
	1602029	TRIM PANEL - TOP - MEDIUM GRAY	
3	1592069	TRIM - DOOR - SIDE - BLACK	2
	1592032	TRIM - DOOR - SIDE - CLEAR	
4	1592068	TRIM - DOOR - INSIDE - BLACK	2
	1592031	TRIM - DOOR - INSIDE - CLEAR	
5	1575047	CASTING - MONETARY FRAME - BLACK	1
6	1592044	PANEL - RIGHT HAND TRIM - FLAT "T" BLACK	1
	1592035	PANEL - RIGHT HAND TRIM - SPECIAL COLOR	
	1592038	PANEL - RIGHT HAND TRIM - TRIM - LIGHT GRAY	
7	6380846	CENTER PANEL - FLAT "T" BLACK	1
	6380847	CENTER PANEL - N.V. BLACK	
	6380848	CENTER PANEL - "T" LIGHT GRAY	
8	1602041	PANEL - LOWER - FLAT "T" BLACK	1
	1602036	PANEL - LOWER - MEDIUM GRAY	
	1602035	PANEL - LOWER TRIM - 32"	
9	1482003	EDGE PROTECTOR	1
10	1592045	PANEL - LEFT HAND TRIM - FLAT "T" BLACK	1
	1592039	PANEL - LEFT HAND TRIM - LIGHT GRAY	
	1592036	PANEL - LEFT HAND TRIM - SPECIAL COLOR	
11	3152045	FRAME - DELIVERY DOOR	1

Hot Drink Series - Models 630 / 638 - Parts Manual



630p0068

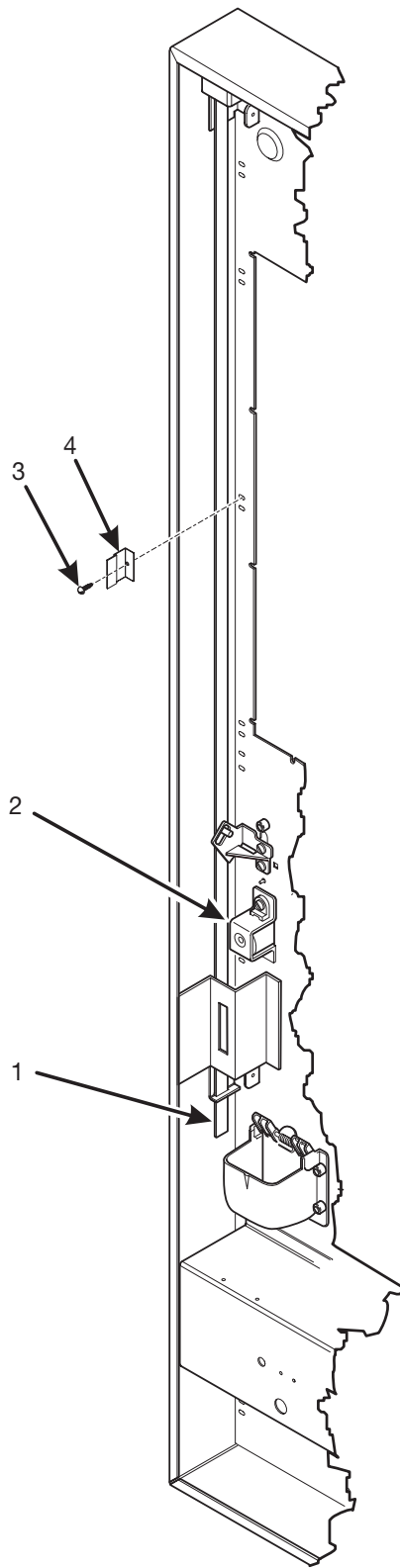
Figure 8. Generation Trim

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 8. GENERATION TRIM

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	1575047	CASTING - MONETARY FRAME - BLACK	1
2	1602049	DECAL - TRIM - HORIZONTAL - BOTTOM	1
3	1602048	DECAL - TRIM - HORIZONTAL - TOP	2
4	3152045	FRAME - DELIVERY DOOR	1
5	1592063	DECAL - TRIM - VERTICAL	2

Hot Drink Series - Models 630 / 638 - Parts Manual



630P0032

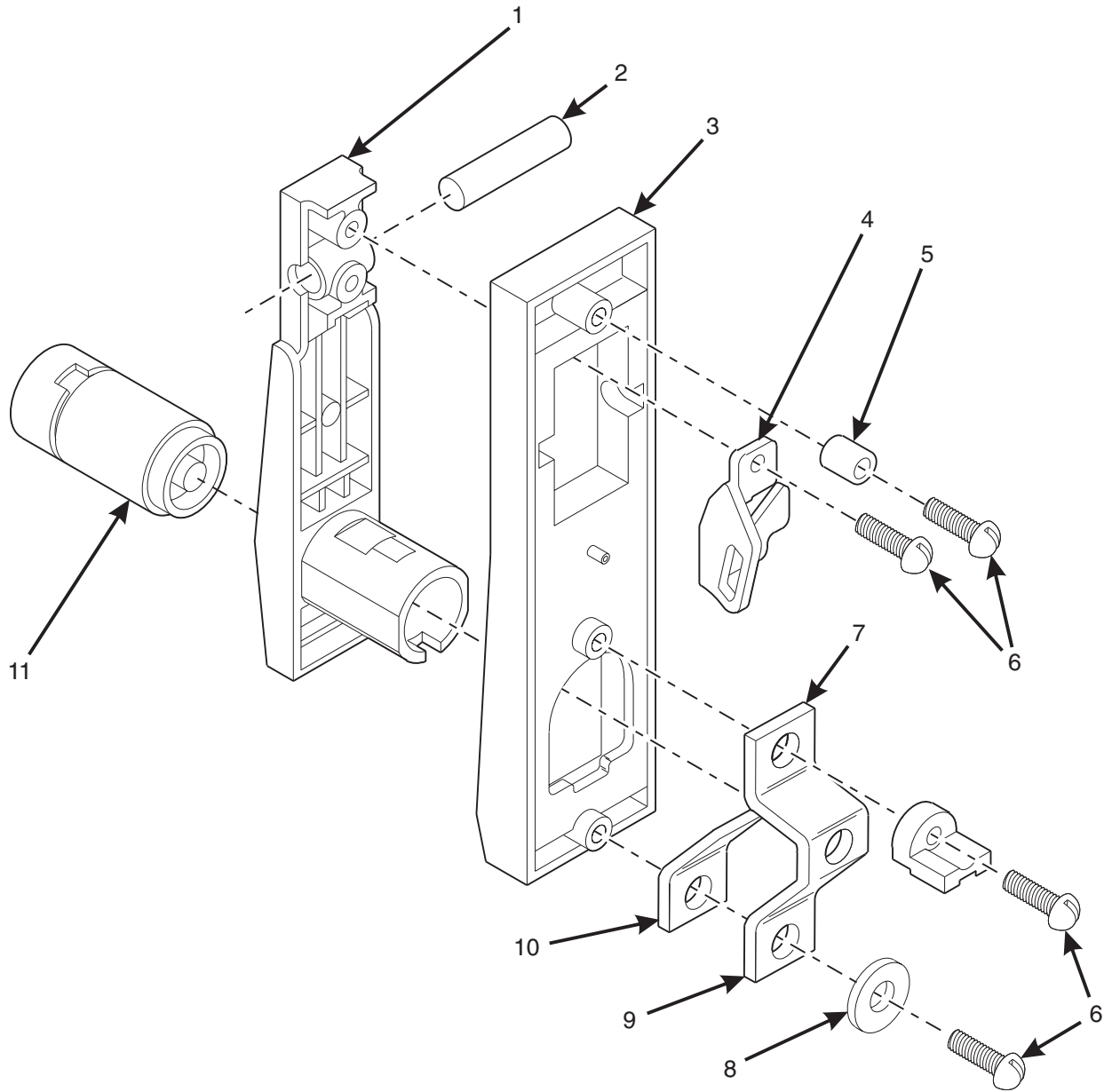
Figure 9. Door Lock Mechanism

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 9. DOOR LOCK MECHANISM

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	1472178	LOCKBAR ASSEMBLY	1
2	-	DOOR LOCK AND HANDLE ASSEMBLY (SEE FIGURE 10 FOR DETAILS)	1
3	9900203	SCREW - #8-32 X .31 HEX HD	2
4	1472250	GUIDE - LOCK BAR	1

Hot Drink Series - Models 630 / 638 - Parts Manual



630P0033

Figure 10. Door Lock and Handle Assembly

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 10. DOOR LOCK AND HANDLE ASSEMBLY

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	1172190	LEVER - LOCK	1
2	1302291	PIVOT - LEVER LOCK	1
3	1172191	BASE - LEVER LOCK	1
4	2272052	ACTUATOR ASSEMBLY - LOCK BAR	1
5	1302289	CUP SPACER	2
6	1217161	SCREW - #10-32 X 1/2 RHS W/LW	5
7	1302326	SHIELD - LATCH	1
8	9900121	WASHER - STEEL - 7/16 X .203 X .032	1
9	1302324	CATCH - DOOR LATCH	1
10	1302290	LATCH - LOCK LOWER	1
11	9992400	CYLINDER - LOCK	1
	3112163	CYLINDER - VAN LOCK	OPT
-	3112164	KEY (NOT SHOWN) VAN LOCK APPLICATION (NOT SHOWN)	1 (OPT)

Hot Drink Series - Models 630 / 638 - Parts Manual

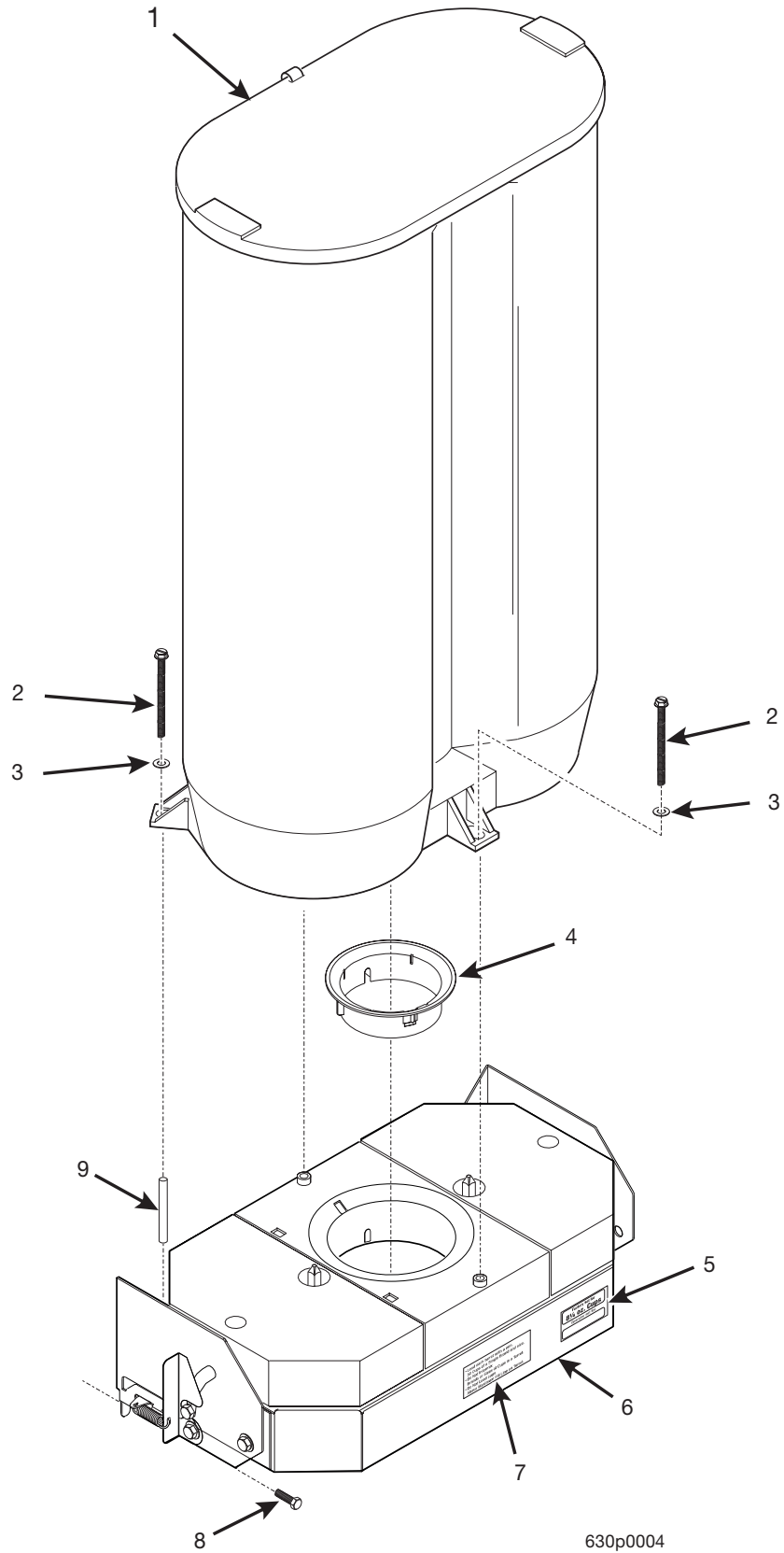


Figure 11. Mech and Canister Assembly

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 11. MECH AND CANISTER ASSEMBLY

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6263000	MECH AND CANISTER ASSEMBLY	1
1	6233102	TURRET AND CANISTER ASSEMBLY - 7 COLUMN (SEE FIGURE 12 FOR DETAILS)	1
2	6233077	BOLT	4
3	6131066	WASHER - ZINC	4
4	6233007	FUNNEL - 3.25 INCHES	1
5	6233073	LABEL - CUP SIZE	1
6	6263001	MECHANISM ASSEMBLY (SEE FIGURE 13 FOR DETAILS)	1
7	6233074	LABEL - LOADING INSTRUCTIONS	1
8	1451097	SCREW - #8-32 X .31 HEX HD	4
9	6263002	SPACER - .277 ID X .37	2

Hot Drink Series - Models 630 / 638 - Parts Manual

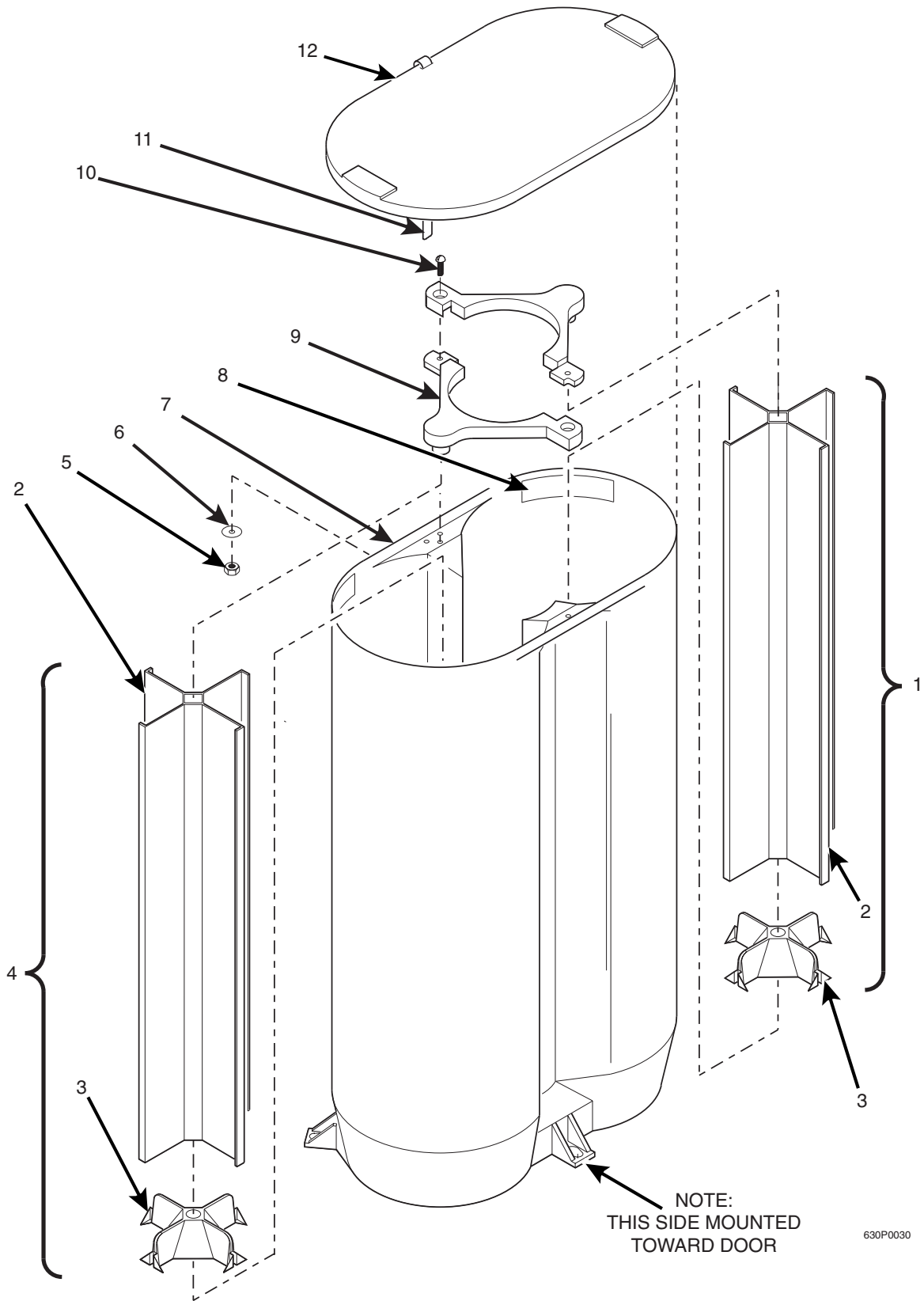


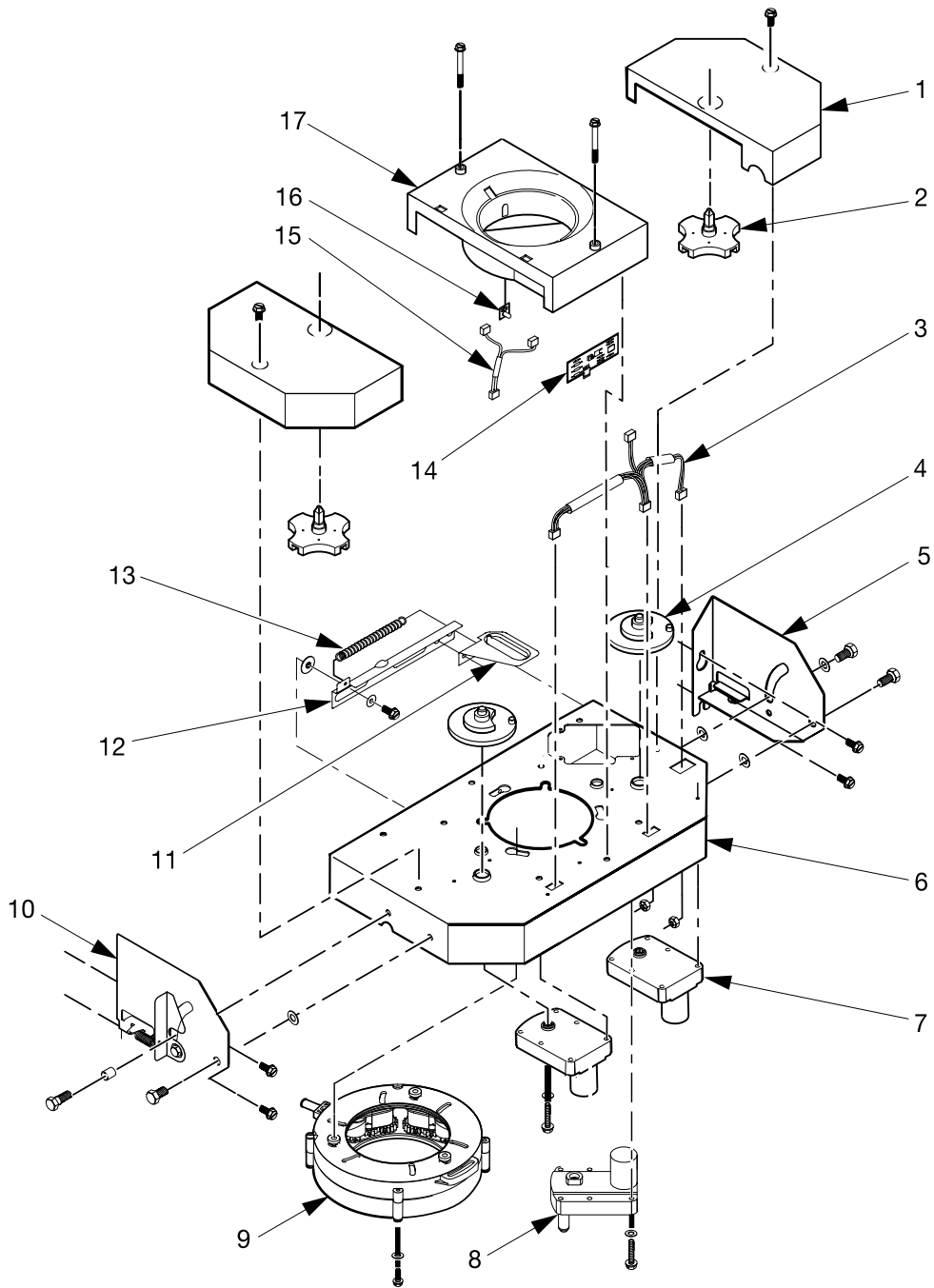
Figure 12. Turret and Canister Assembly - 7 Column

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 12. TURRET AND CANISTER ASSEMBLY - 7 COLUMN

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6333102	TURRET AND CANISTER ASSEMBLY	1
1	6233109	TURRET ASSEMBLY 1B (INCLUDES INDEX NUMBERS 2 AND 3)	1
2	6233061	TURRET CENTER	1
3	6233048	BASE - TURRET	1
4	6233108	TURRET ASSEMBLY 1A (INCLUDES INDEX NUMBERS 2 AND 3)	1
5	9900081	NUT - #8-32 KEPS	2
6	6138181	WASHER PLATE	2
7	6233092	CANISTER - CUP - 7	1
8	6233095	LABEL - FILL LINE	2
9	6233030	BEARING - TURRET	2
10	9900115	SCREW - #8-32 X 3	2
11	6333003	STRAP - CANISTER	1
12	6233093	LID - CANISTER - 7	1

Hot Drink Series - Models 630 / 638 - Parts Manual



639p0012

Figure 13. Mechanism Assembly

Hot Drink Series - Models 630 / 638 - Parts Manual

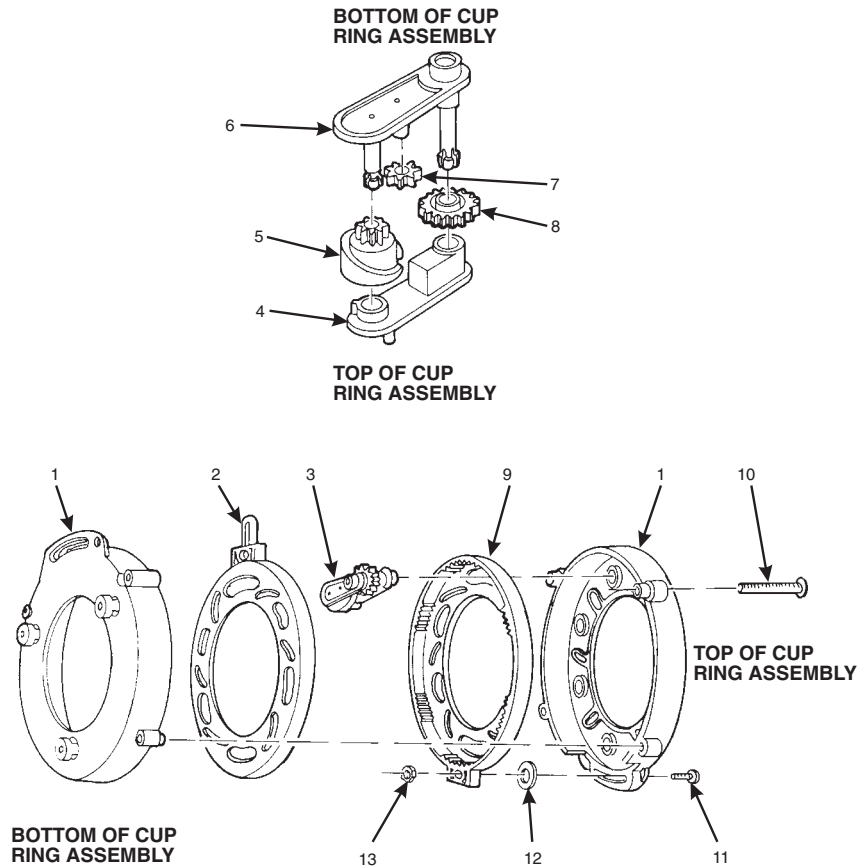
TABLE 13. MECHANISM ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	6263001	MECHANISM ASSY - 7 COLUMN	1
	3283018	MECHANISM ASSY - 18 OZ - 7 COLUMN	
1	6233010	COVER - END	2
2	6233013	DRIVER - GENEVA	2
3	6269013	HARNESS - CUP MECHANISM	1
4	6233014	INDEX PLATE - GENEVA	2
5	6233019	BRACKET - MECH.MOUNTING - LEFT	1
6	6263003	PLATE - BASE - 7 COLUMN	1
7	1577038	MOTOR & PC BOARD ASSEMBLY	2
8	6233056	MOTOR & CRANK ARM ASSY	1
9	6333008	CUP RING ASSY - UNIVERSAL	1
10	6233057	MTG BRACKET ASSY - RIGHT (SEE FIGURE 16 FOR DETAILS)	1
11	3283058	CAM	1
12	6233032	ACTUATOR - CUP RING	1
13	4733035	SPRING - CUP RELEASE ARM	1
14	6233105	PCB ASSY - DETECTOR CUP SENSOR	1
15	6233106	HARNESS - CUP DETECTOR/LED JUMPER	1
16	6233107	PCB ASSY - DETECTOR CUP SENSOR	1
17	6233012	COVER - CENTER	1

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 14. CUP RING ASSEMBLY

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	3143005	CUP RING ASSEMBLY	1
1	3143006	HOUSING - CUP RING	2
2	3143007	GEAR - INTERNAL	1
3	3143130	CAM AND GEAR ASSEMBLY (INCLUDES INDEX NUMBERS 4 - 8)	6
4	3143017	RETAINER - CAM	1
5	3143129	CAM - CUP	1
6	3143013	ARM - CAM	1
7	3143015	GEAR - 10 TOOTH	1
8	3143016	GEAR - 18 TOOTH	1
9	3143008	GEAR - INTERNAL - ADJUSTER	1
10	3143010	SCREW - #8-16 X 1.12 PHS	4
11	3143009	SCREW - #8-32 X .50 PHS	1
12	6114121	WASHER ROLLER	1
13	3143011	NUT - #8-32 SELF LOCKING	1



630P0034

Figure 14. Cup Ring Assembly

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 15. ACTUATOR ASSEMBLY - CUP RING

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6233031	ACTUATOR ASEMBLY - CUP RING	1
1	1451097	SCREW - #8032 X .31 HEX HD T.F. - BLACK	2
2	6233040	RAMP - ACTUATOR	1
3	6233009	CAM - ACTUATOR	1
4	6233032	ACTUATOR - CUP RING	1

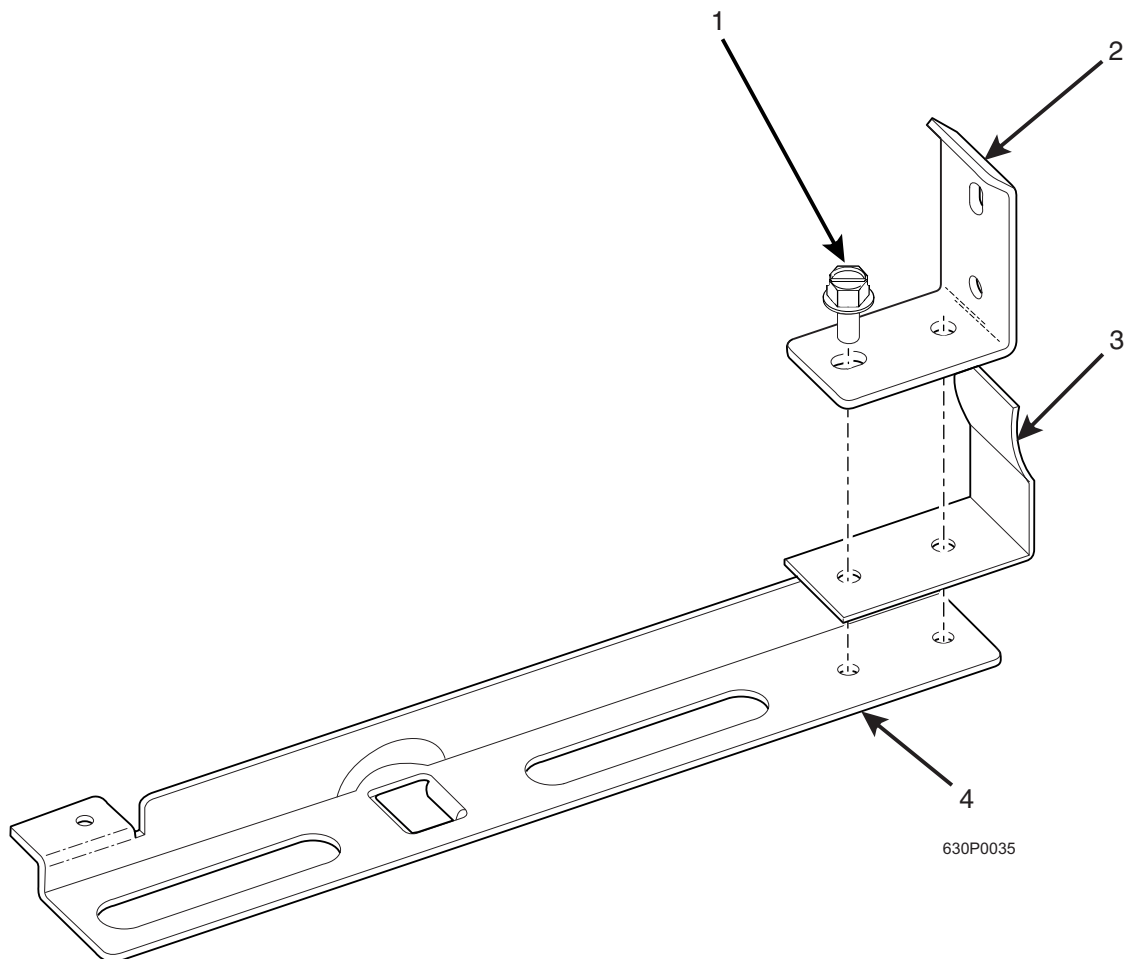
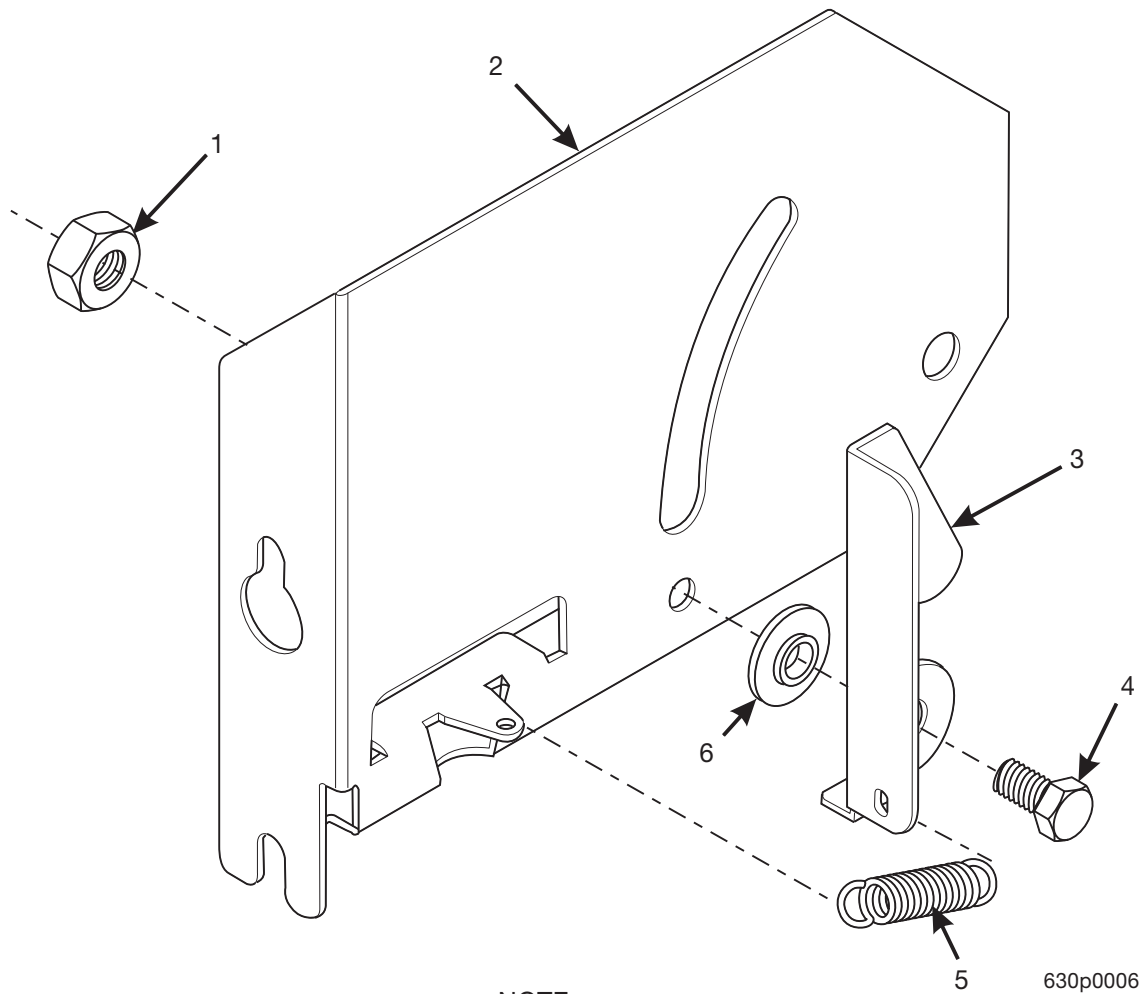


Figure 15. Actuator Assembly - Cup Ring

Hot Drink Series - Models 630 / 638 - Parts Manual



NOTE
RH BRACKET ASSEMBLY IS SHOWN
LH BRACKET IS SIMILAR

Figure 16. Mounting Brackets

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 16. MOUNTING BRACKETS

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6233019	MOUNTING BRACKET - LEFT (INCLUDES ALL ITEMS EXCEPT PART NUMBER 6233018)	1
-	6233057	MOUNTING BRACKET - RIGHT (INCLUDES ALL ITEMS EXCEPT PART NUMBER 6233019)	1
1	4041241	NUT - 1/4-20 SELF LOCKING	1
2	6233019	BRACKET - MECH MOUNTING - LEFT	1
	6233018	BRACKET - MECH MOUNTING - RIGHT	
3	6233037	LATCH	1
4	6233021	SCREW - 1/4 X 20 X .5 HEX HD	1
5	2301057	SPRING - ELEVATOR STOP	1
6	6233028	BUSHING	1

Hot Drink Series - Models 630 / 638 - Parts Manual

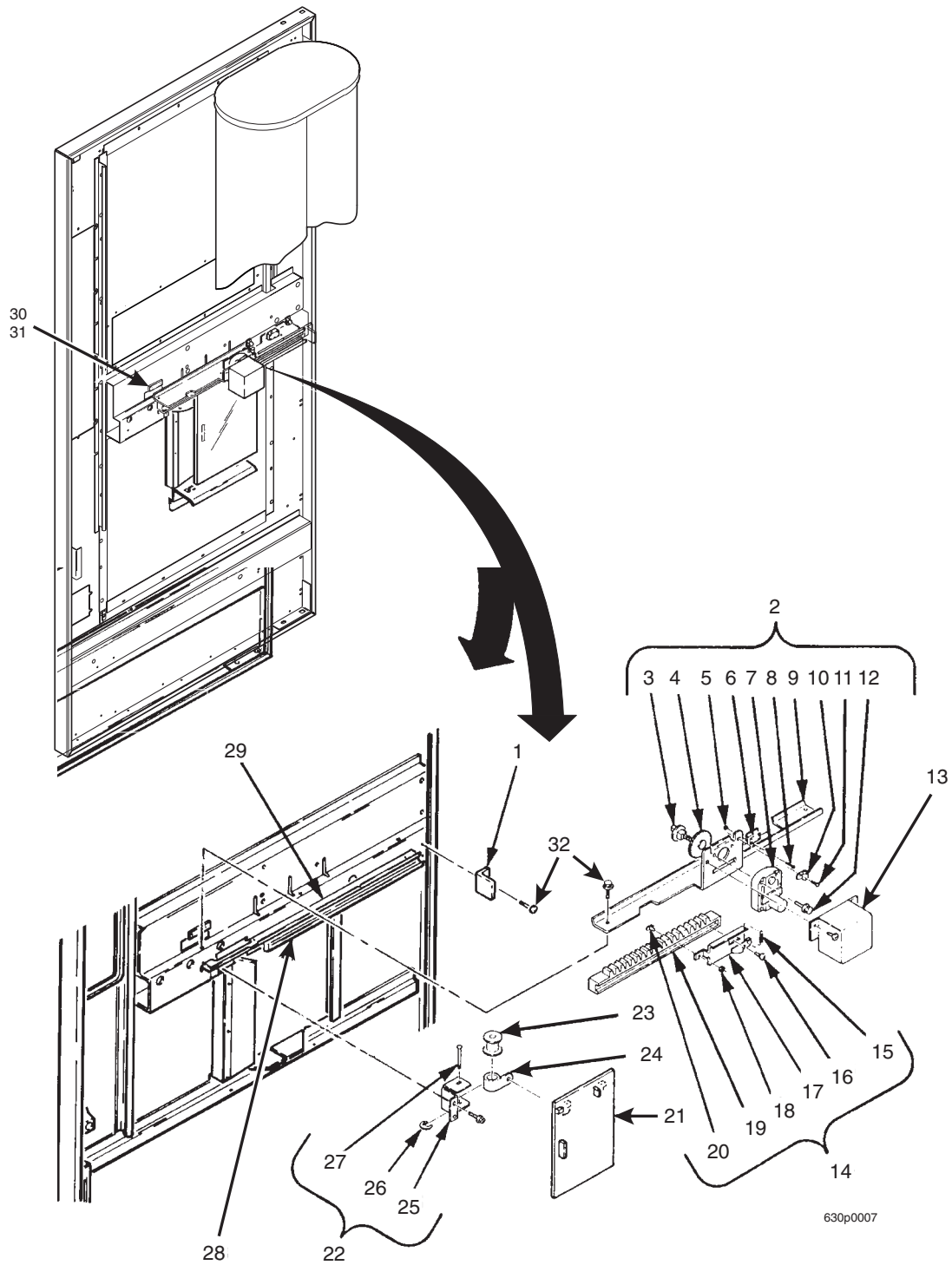


Figure 17. Automatic Delivery Door

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 17. AUTOMATIC DELIVERY DOOR

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	6232096	STOP - DOOR VEND	1
2	6232090	MOTOR AND BRACKET ASSEMBLY - VEND DOOR (INCLUDES INDEX NUMBERS 3-12)	1
3	1477113	COUPLING - SPIRAL	1
4	1477020	GEAR - TRAY	1
5	1217159	SCREW - #4-40 KEPS W/EXT L/WAS	2
6	5220108	SWITCH	1
7	1577035	MOTOR AND PCB ASSEMBLY	1
8	1217160	SCREW - #4-40 KEPS W/EXT	2
9	3282004	BRACKET - MOTOR	1
10	2342315	CLIP - WIRE HARNESS	1
11	9900157	SCREW #8-32 X 7/32 HWHD TY23	4
12	1457027	SCREW 8-32 X .81 HHSI TAPTITE	2
13	6232263	COVER - MOTOR - VEND DOOR	1
14	6232120	RACK ASSEMBLY - VEND DOOR - AUTO (INCLUDES INDEX NUMBERS 15-20)	1
15	3108141	SPRING COVER AIR GAP	1
16	6232317	SCREW - #8-32 X 1/2 RHS MACH	1
17	6232160	PLATE ASSEMBLY - RACK	1
18	9900081	NUT - #8-32 KEPS ZINC PLATE	2
19	6234106	RACK - BREWER	1
20	2222031	TEE BOLT - TRIM	1
21	6232065	DOOR - VEND	1
22	6232118	HOUSING AND SPRING ASSEMBLY - VEND DOOR (INCLUDES INDEX NUMBERS 23-27)	1
23	6232084	SPOOL - SPRING	1
24	6232091	SPRING - VEND DOOR	1
25	6232089	HOUSING - SPRING	1
26	9900425	RETAINING RING - REINF. E TYPE	1
27	6232085	SHAFT - SPOOL	1
-	6232100	BRACE & TRACK ASSEMBLY (INCLUDES INDEX NUMBERS 28-31)	1
28	6232172	TRACK - VEND DOOR	1
29	6532010	TRACK - GEAR RACK	1
30	3101059	NUT - WELD - 1/4-20 X N2115	4
31	6232049	BRACE - CUP MECHANISM	1
32	-	ATTACHING HARDWARE	-

Hot Drink Series - Models 630 / 638 - Parts Manual

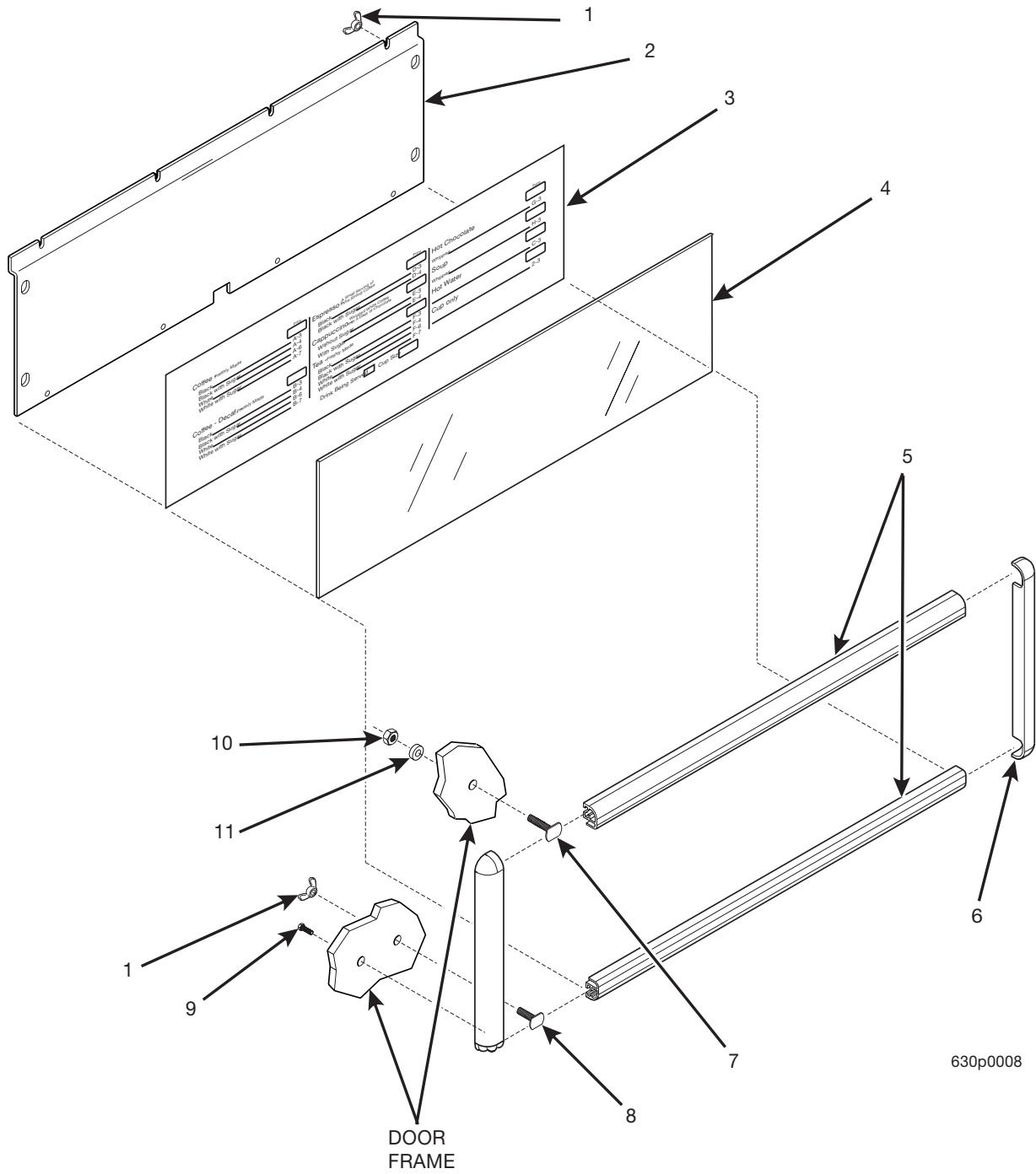


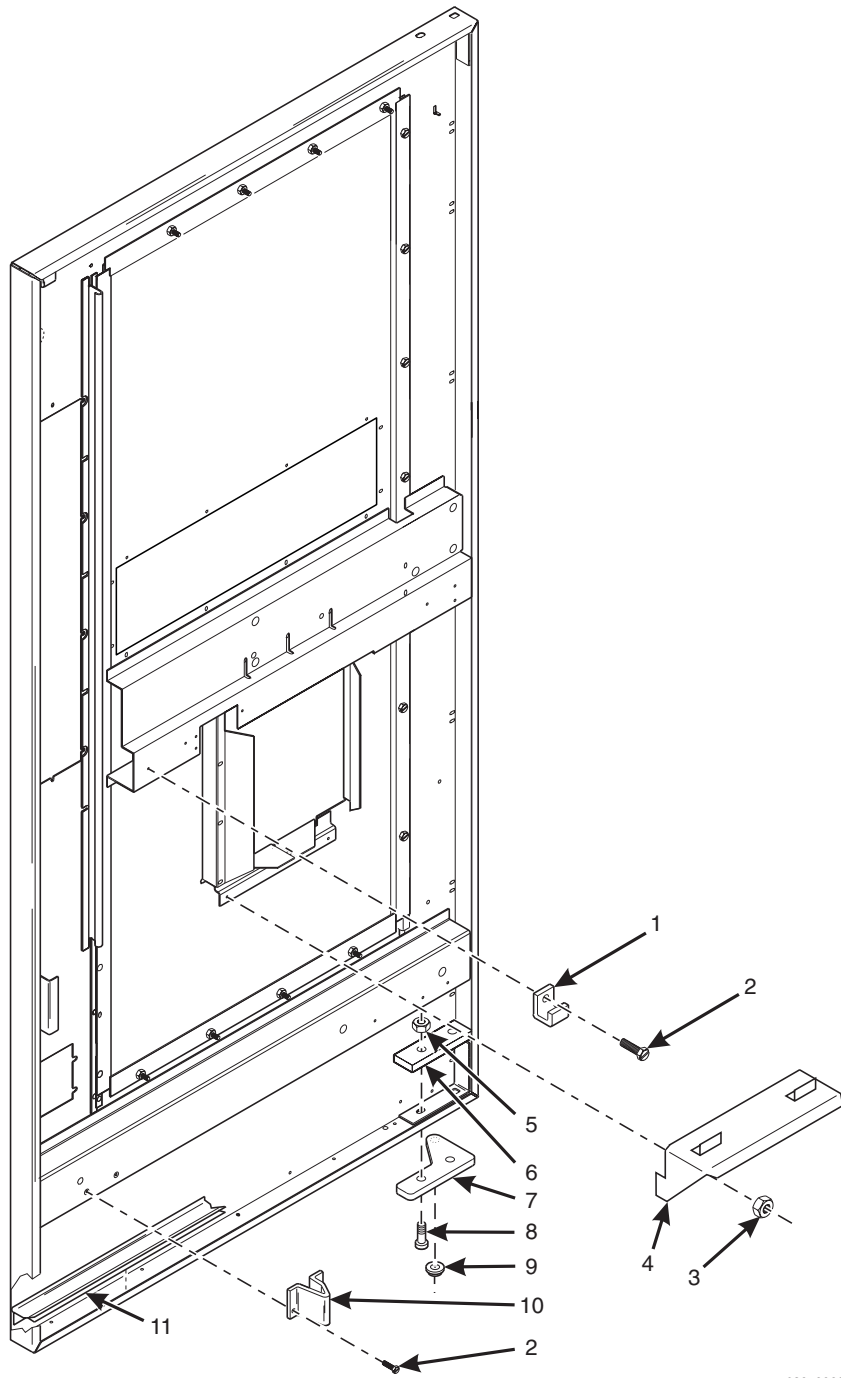
Figure 18. Display Assembly

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 18. DISPLAY ASSEMBLY

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	9900031	WING NUT - #8-32 FORGED ZINC	4
2	6342079	PLATE - BACKING	1
3	6300004	INSERT - MENU - SELECT (U.S.)	1
	6342028	INSERT - MENU - SELECT (LATIN AMERICA)	
4	6392004	COVER - MENU INSERT	1
5	G6262034	TRIM - SELECT INSERT - BLACK	2
6	G6262033	END CAP - MENU BOARD	2
7	2222110	T-BOLT	4
8	2222031	T-BOLT	4
9	4277042	SCREW - #8-10 X .5 T/F - PHS	4
10	9900081	NUT - #8-32 KEPS, ZINC PLATE	8
11	4407042	SPACER	4

Hot Drink Series - Models 630 / 638 - Parts Manual



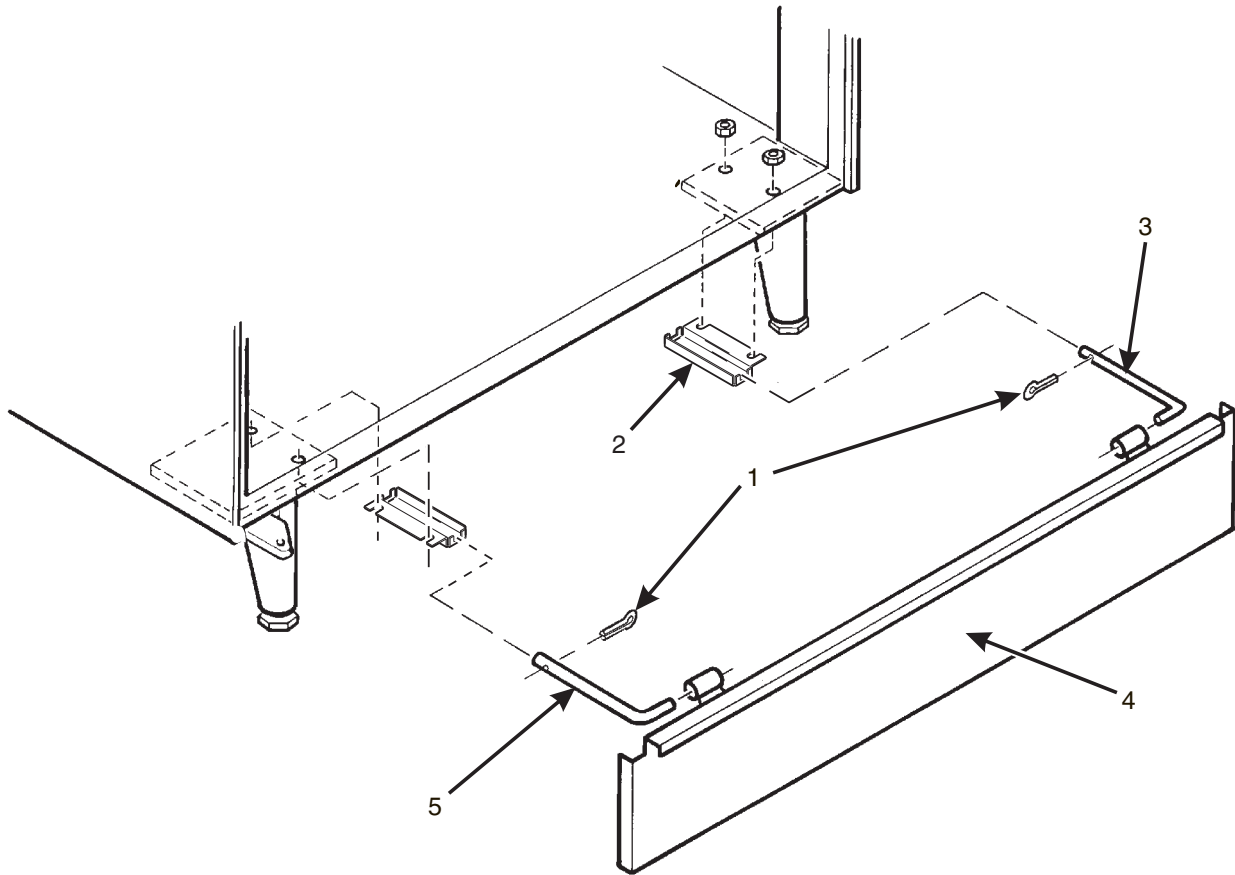
630p0009

Figure 19. Miscellaneous Mounted Parts - Door Assembly

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 19. MISCELLANEOUS MOUNTED PARTS - DOOR ASSEMBLY

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	6342040	LIFT BRACKET - CUP STATION	1
2	1451097	SCREW - HEX - #8	-
3	9900081	NUT - HEX - #8	-
4	3142138	HANGER - CUP STATION	1
5	1211105	NUT - KEPS - 1/4-20 EXT LW ZIP	2
6	6232031	HINGE ASSEMBLY - DOOR - LOWER	1
7	4242145	BEARING - THRUST - LOWER HINGE	1
8	6232008	WELD SCREW - 1/4-20 X 1" LG	2
9	6232028	PLATE ASSEMBLY - HINGE MOUNTING	2
10	6231164	BRACKET - DOOR SUPPORT	1
11	6262046	FILLER STRIP - SANITATION	1



630P0036

Figure 20. Base Plate Assembly (Optional)

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 20. BASE PLATE ASSEMBLY (OPTIONAL)

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	1411194	SLIDE - BASE PLATE - RIGHT HAND	1
2	1581023	BASE PLATE ASSEMBLY	1
3	1451093	SCREW - #13-18 X 1.00 HEX	2
4	1411195	SLIDE - BASE PLATE - LEFT HAND	1
5	9900098	COTTER PIN - 3/32	2
6	6231087	BRACKET - BASE PLATE	2
7	1211112	SCREW - .31-18 X 1.00 HEX HD.	2
8	1172021	NUT - 1/4-20 WHIZ LOCK	2

Hot Drink Series - Models 630 / 638 - Parts Manual

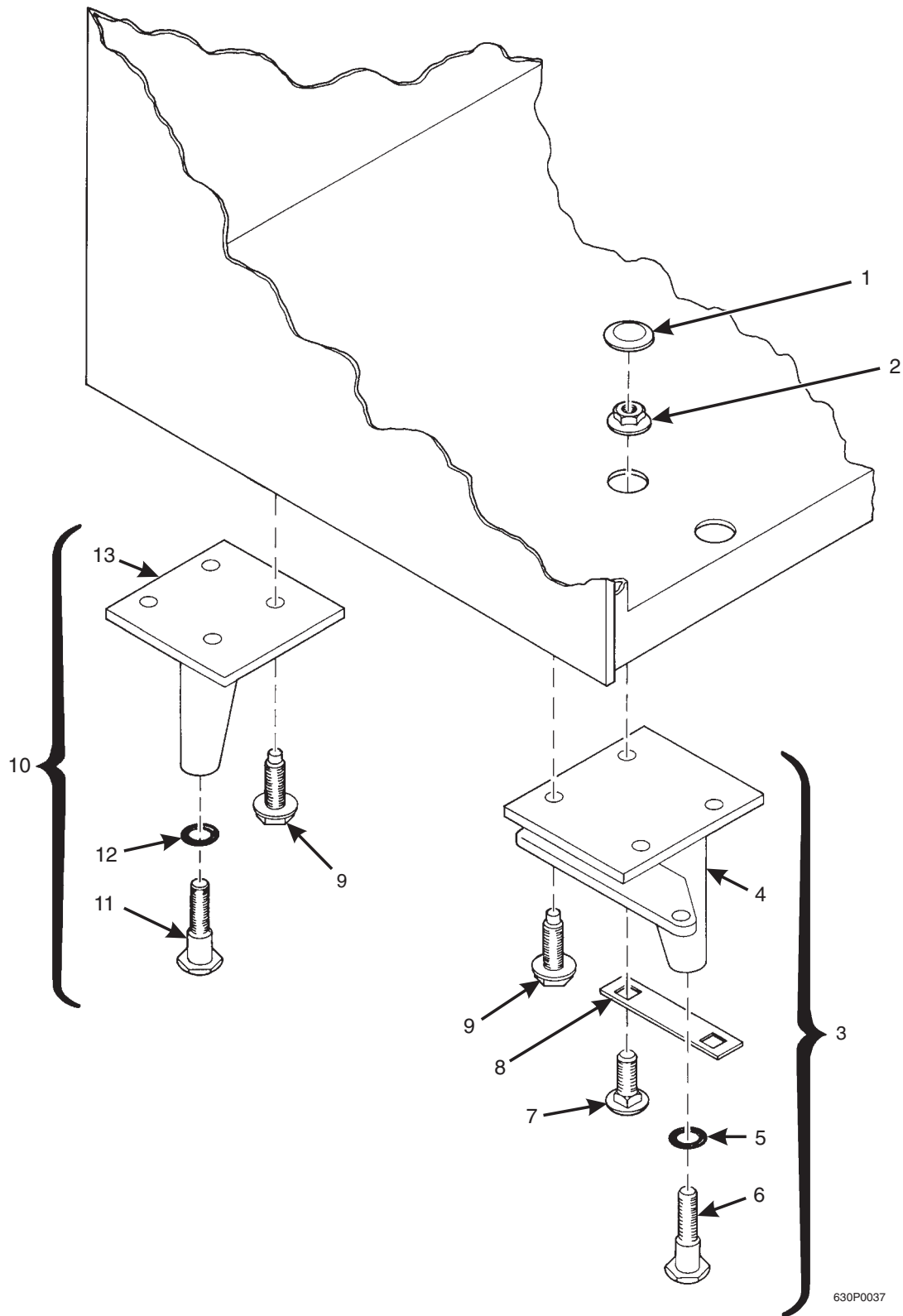


Figure 21. Leg, Leveler, and Leg and Hinge Assemblies

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 21. LEG, LEVELER, AND LEG AND HINGE ASSEMBLIES

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	6231034	PLUG - HOLE	2
2	1172021	NUT - 1/4-20 WHIZ-LOCK	2
3	6231163	LEG, HINGE, AND LEVELER ASSEMBLY (INCLUDES INDEX NUMBERS 4 - 6)	1
4	1571115	LEG AND HINGE ASSEMBLY	1
5	1471283	"O" RING - .49 ID X .10 DIA	1
6	1471098	LEVELER - CABINET	1
7	1211112	TRAY BOLT	2
8	6231203	PLATE - HINGE LEG BOLT	1
9	9900218	SCREW - 5/16 X 1.00 W/LOCKING RINGS	14
10	1471237	LEG AND LEVELER ASSEMBLY - CABINET (INCLUDES INDEX NUMBERS 11 - 13)	3
11	1471098	LEVELER - CABINET	1
12	1471283	"O" RING - .49 ID X .10 DIA	1
13	1571127	LEG ASSEMBLY - CABINET	1

Hot Drink Series - Models 630 / 638 - Parts Manual

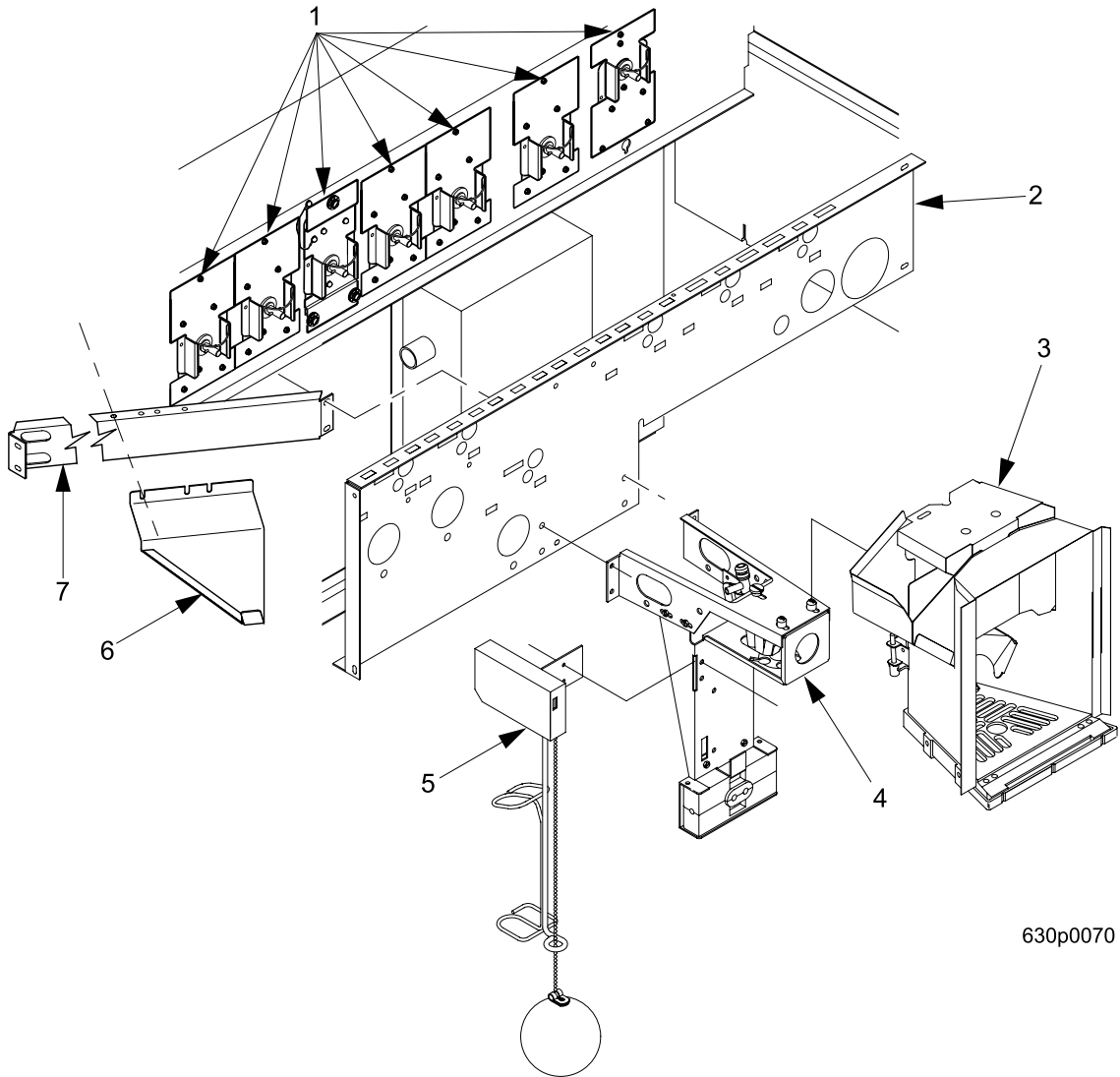


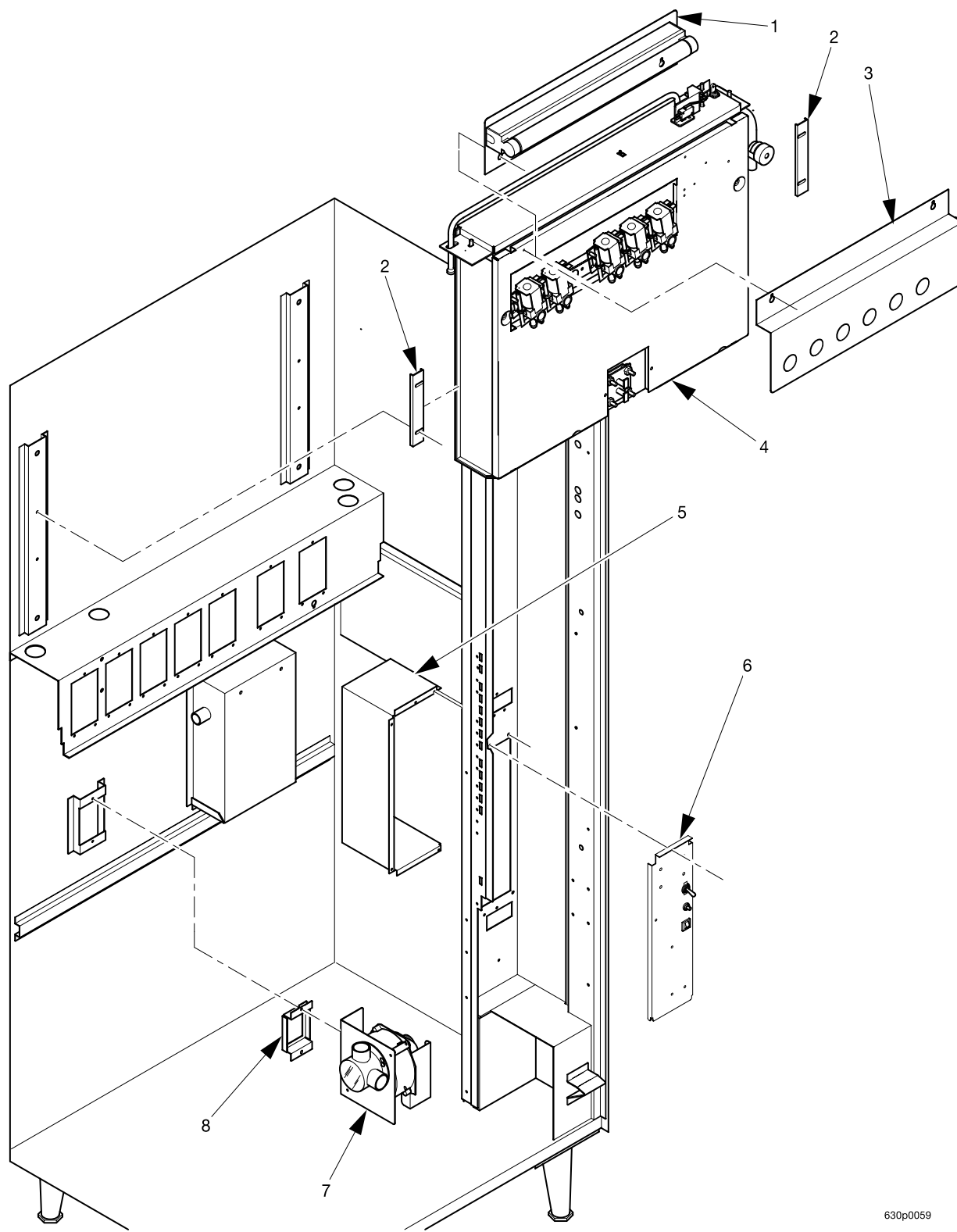
Figure 22. Cabinet Assembly - Part 1

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 22. CABINET ASSEMBLY - PART 1

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	-	CANISTERMOTOR AND PLATE ASSEMBLY (SEE FIGURE 69 FOR DETAILS)	-
2	-	CANISTER AND SUPPORT ASSEMBLY (SEE FIGURE 37 FOR DETAILS)	1
3	-	CUP DELIVERY ASSEMBLY (SEE FIGURE 60 FOR DETAILS)	1
4	-	CUP STATION SUPPORT, OVERFLOW SWITCH AND MUG SENSOR (SEE FIGURE 35 FOR DETAILS)	1
5	6231223	OVERFLOW SWITCH ASSEMBLY (SEE FIGURE 36 FOR DETAILS)	1
6	6341027	BRACKET - TUBE RETAINER	1
7	6341007	BRACE - CANISTER SUPPORT	1

Hot Drink Series - Models 630 / 638 - Parts Manual



630p0059

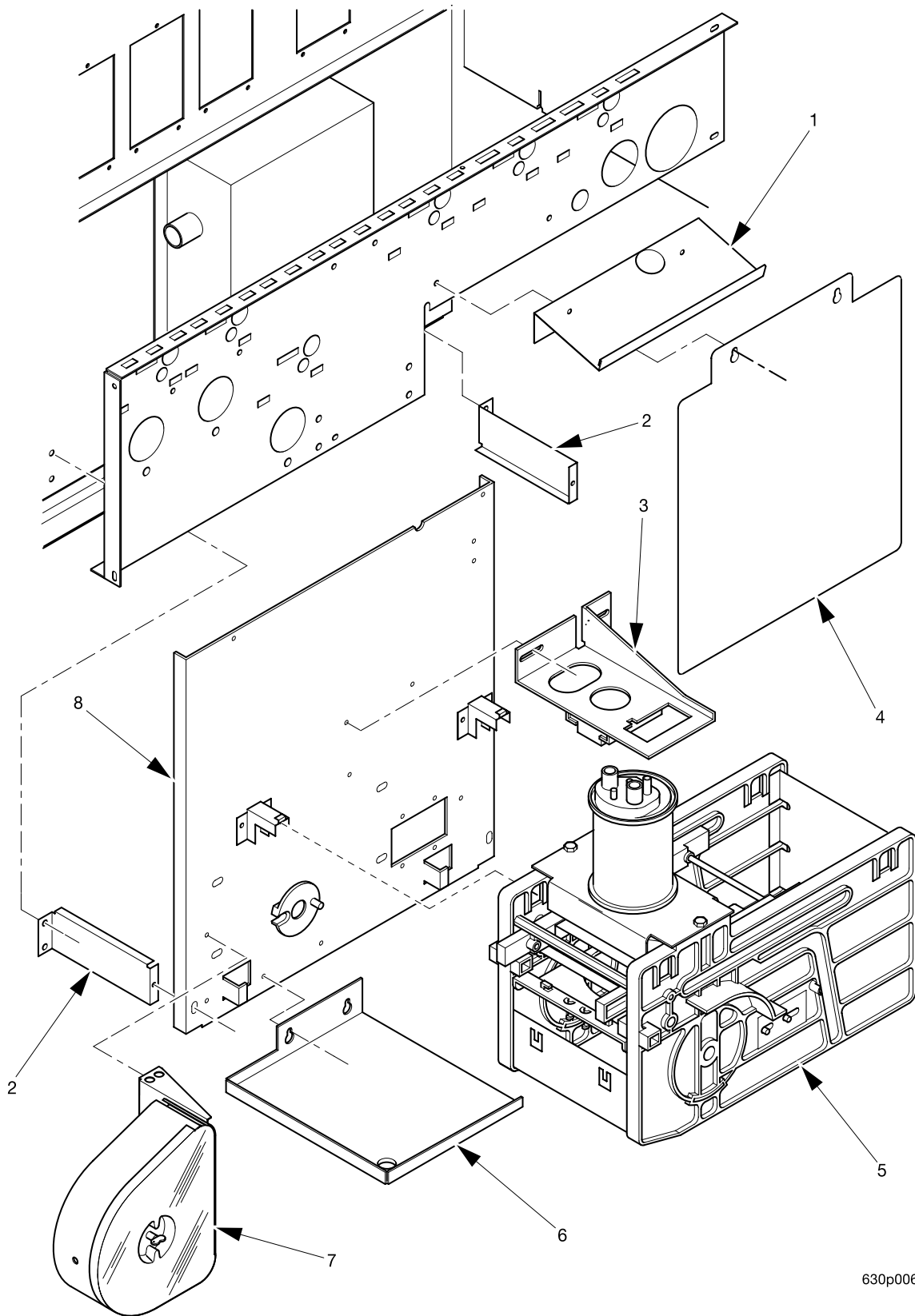
Figure 23. Cabinet Assembly - Part 2

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 23. CABINET ASSEMBLY - PART 2

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	6339012	SERVICE LIGHT - BRACKET ASSEMBLY - 230 V (SEE FIGURE 34 FOR DETAILS)	1
	6238105	SERVICE LIGHT - BRACKET ASSEMBLY - 115 V (SEE FIGURE 33 FOR DETAILS)	
2	6231036	CLAMP - WATER TANK	2
3	6338032	COVER - WATER TANK	1
4	-	WATER TANK ASSEMBLY (SEE FIGURE 30 FOR DETAILS)	1
5	3631117	HOUSING - POWER PANEL	1
6	4841012	POWER PANEL ASSEMBLY - 115 V (U.S.) (SEE FIGURE 27 FOR DETAILS)	1
	1571136	POWER PANEL ASSEMBLY - 115 V (LATIN AMERICA) (SEE FIGURE 28 FOR DETAILS)	
	1571084	POWER PANEL ASSEMBLY - 230 V (LATIN AMERICA) (SEE FIGURE 29 FOR DETAILS)	
7	-	BRACKET, BLOWER, AND COVER ASSEMBLY (SEE FIGURE 53 FOR DETAILS)	1
8	1471055	BEZEL - EXHAUST FAN	1

Hot Drink Series - Models 630 / 638 - Parts Manual



630p006C

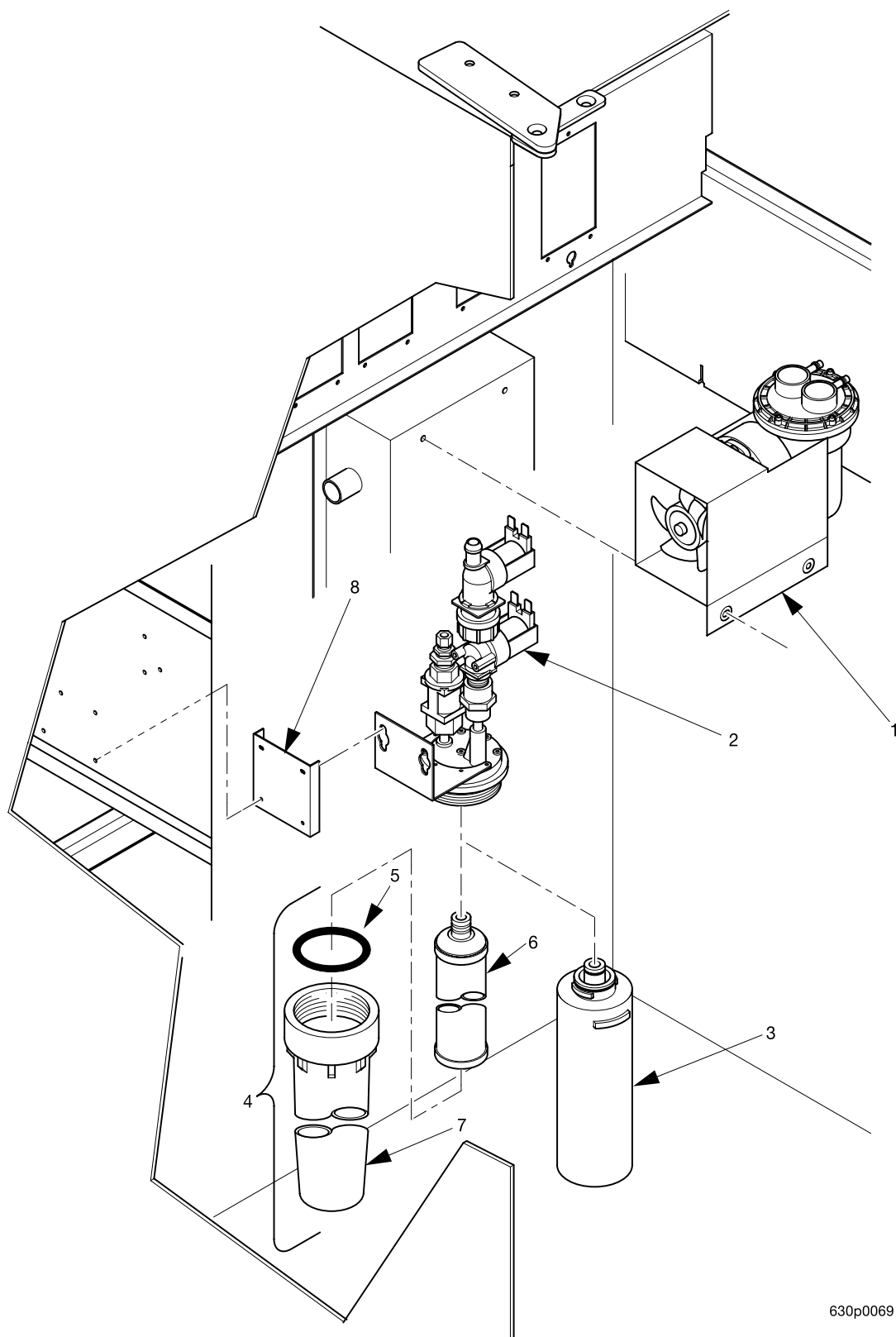
Figure 24. Cabinet Assembly - Part 3

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 24. CABINET ASSEMBLY - PART 3

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	6351005	BRACKET - TUBING RETAINER	1
2	6234516	BRACKET - MOUNTING PLATE	2
3	6237352	LOCATOR AND BRACKET ASSEMBLY	1
4	6241004	COVER - BREWER	1
5	6234000	SINGLE BREWER ASSEMBLY - WITH FILTER (SEE FIGURE 41 FOR DETAILS)	1
	6234010	SINGLE BREWER ASSEMBLY - WITHOUT FILTER (SEE FIGURE 40 FOR DETAILS)	
6	6341027	BRACKET - TUBE RETAINER	1
7	6234524	DRAIN PAN - BREWER	1
8	6234622	PAPER ROLL ASSEMBLY - FILTER	1
9	-	DRIVE ASSEMBLY - BREWER (SEE FIGURE 54 FOR DETAILS)	1

Hot Drink Series - Models 630 / 638 - Parts Manual



630p0069

Figure 25. Cabinet Assembly - Part 4

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 25. CABINET ASSEMBLY - PART 4

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	6234357	AIR COMPRESSOR (SEE FIGURE 55 FOR DETAILS)	1
2	-	FILTER HEAD ASSEMBLY - WITH EVERPURE FILTER (SEE FIGURE 46 FOR DETAILS)	1
	-	FILTER HEAD ASSEMBLY - WITH HYDROLIFE FILTER (SEE FIGURE 47 FOR DETAILS)	
	-	FILTER HEAD ASSEMBLY - WITH CUNO FILTER (SEE FIGURE 49 FOR DETAILS)	
	-	WATER VALVE ASSEMBLY - WITHOUT FILTER (SEE FIGURE FOR DETAILS)	
3	6408114	WATER FILTER CARTRIDGE - CUNO	OPT.
	6118071	WATER FILTER CARTRIDGE - EVERPURE #9604-12	
4	6408028	HOUSING - CARTRIDGE - O RING	1
5	-	O RING	1
6	6408027	WATER FILTER CARTRIDGE - HYDROLIFE	OPT.
7	-	HOUSING	1
8	6231142	PLATE - WATER FILTER	1
-	-	MONETARY CHANNEL (SEE FIGURE 26 FOR DETAILS)	1
-	-	MONETARY PANEL (SEE FIGURE 56 FOR DETAILS)	1
-	-	PRODUCT AND CONDIMENT CHUTES (SEE FIGURE 61 FOR DETAILS)	1
-	-	PRODUCT AND CONDIMENT CANISTERS (SEE FIGURE 62 FOR DETAILS)	-

Hot Drink Series - Models 630 / 638 - Parts Manual

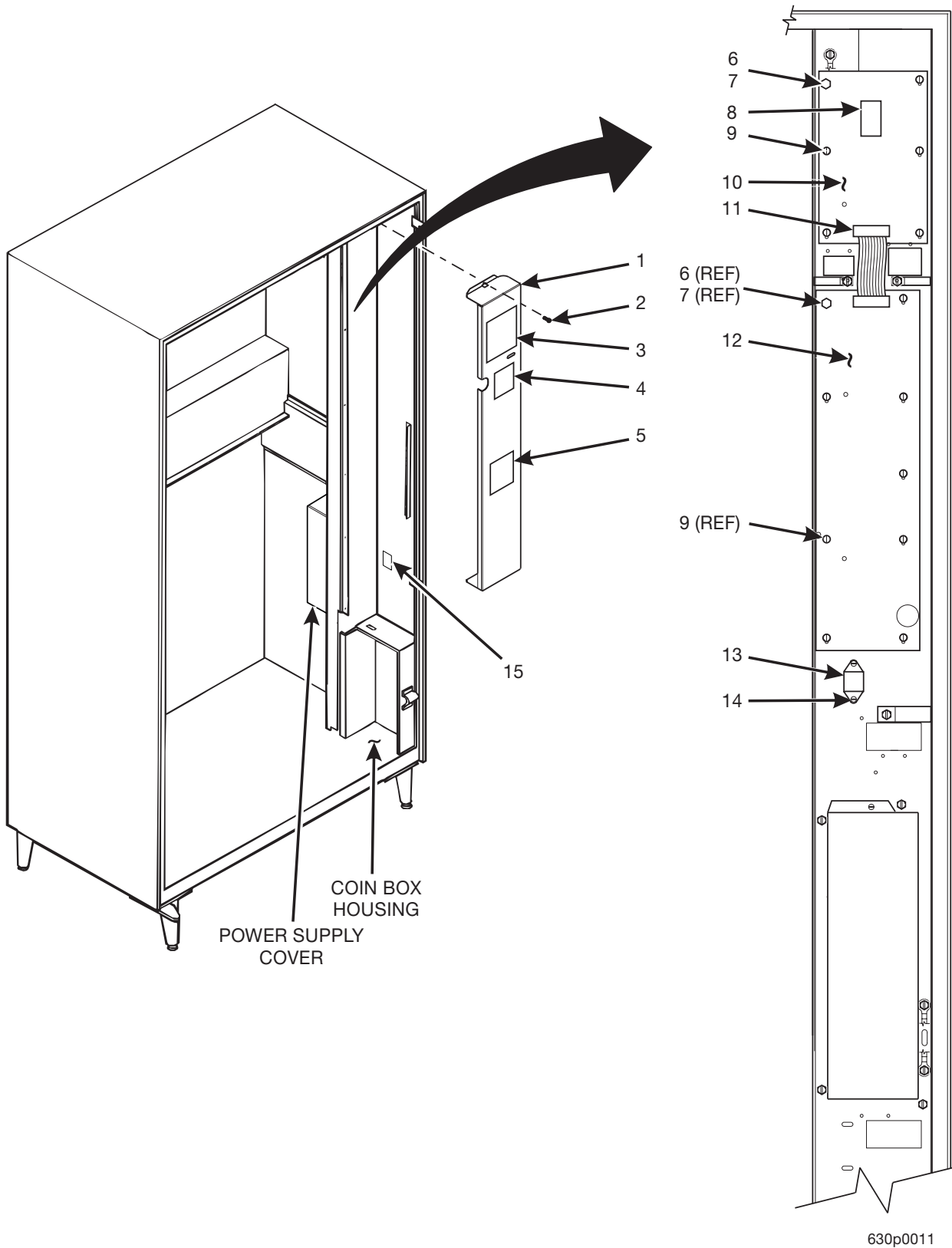


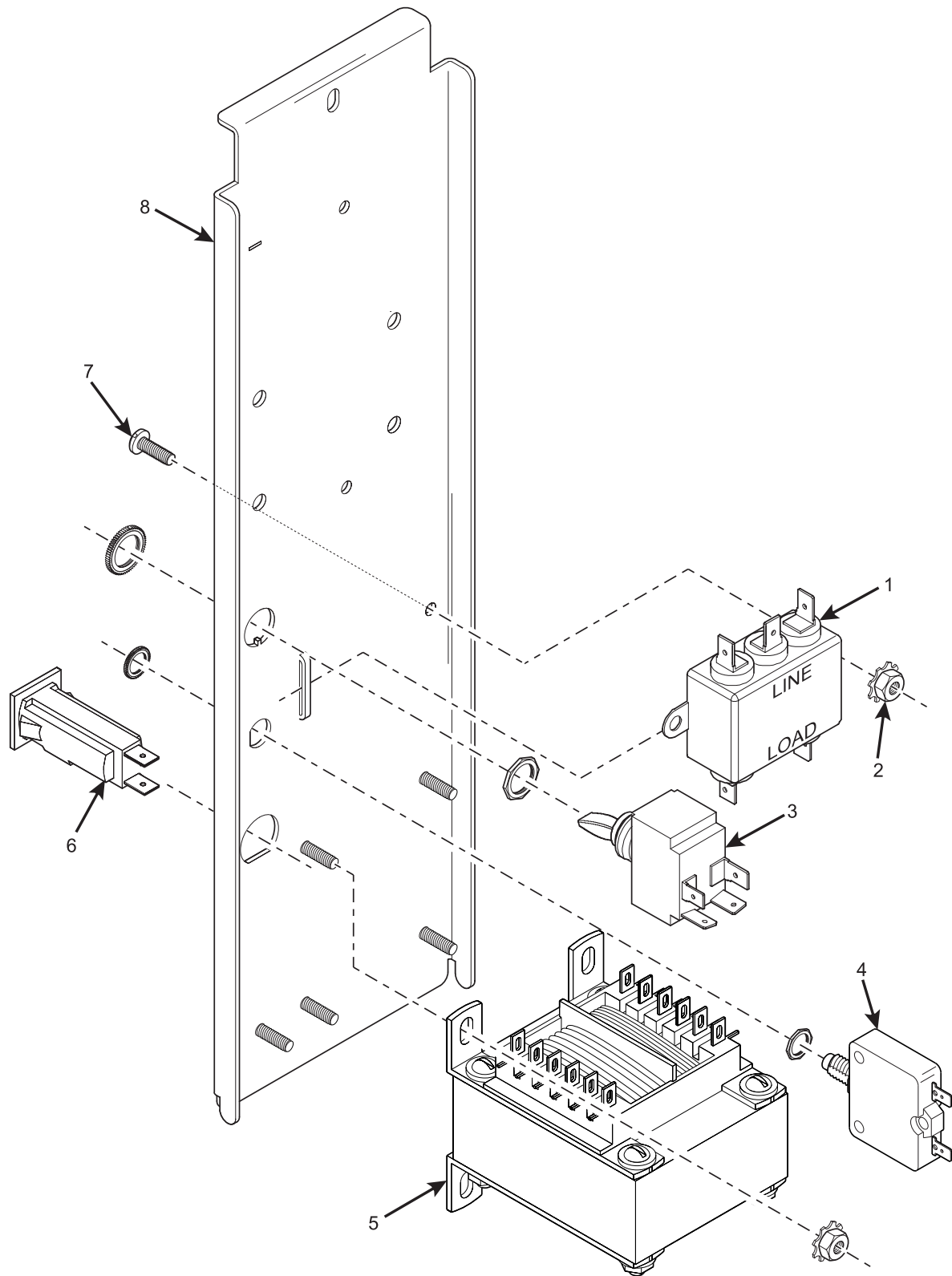
Figure 26. Monetary Channel

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 26. MONETARY CHANNEL

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	1571112	COVER	1
2	3157060	SCREW	1
3	1571042	LABEL - LED AND EPROM (ENGLISH)	1
	1571045	LABEL - LED AND EPROM (SPANISH)	
4	1571154	LABEL - STATIC CAUTION (ENGLISH)	1
	6232291	LABEL - STATIC CAUTION (SPANISH)	
5	6231189	LABEL - HIGH VOLTAGE (ENGLISH)	1
	6232290	LABEL - HIGH VOLTAGE (SPANISH)	
6	1571034	STANDOFF - PCB - 3/8 SCREW MOUNT	13
7	1471199	SCREW	13
8	6306004	EPROM - PROGRAMMED	1
9	1571036	STANDOFF - PCB - .375 KEY SLOT	13
10	9989678	PCB ASSEMBLY - MAIN PROGRAMMER	1
11	1579008	RIBBON CABLE	1
12	6336000	PCB ASSEMBLY - HOT DRINK INTERFACE	1
13	9983778	TRIAC - 35A - 600V	1
14	9900130	SCREW - #6	2
15	4761148	LABEL - EARTHING	1

Hot Drink Series - Models 630 / 638 - Parts Manual



170P0036

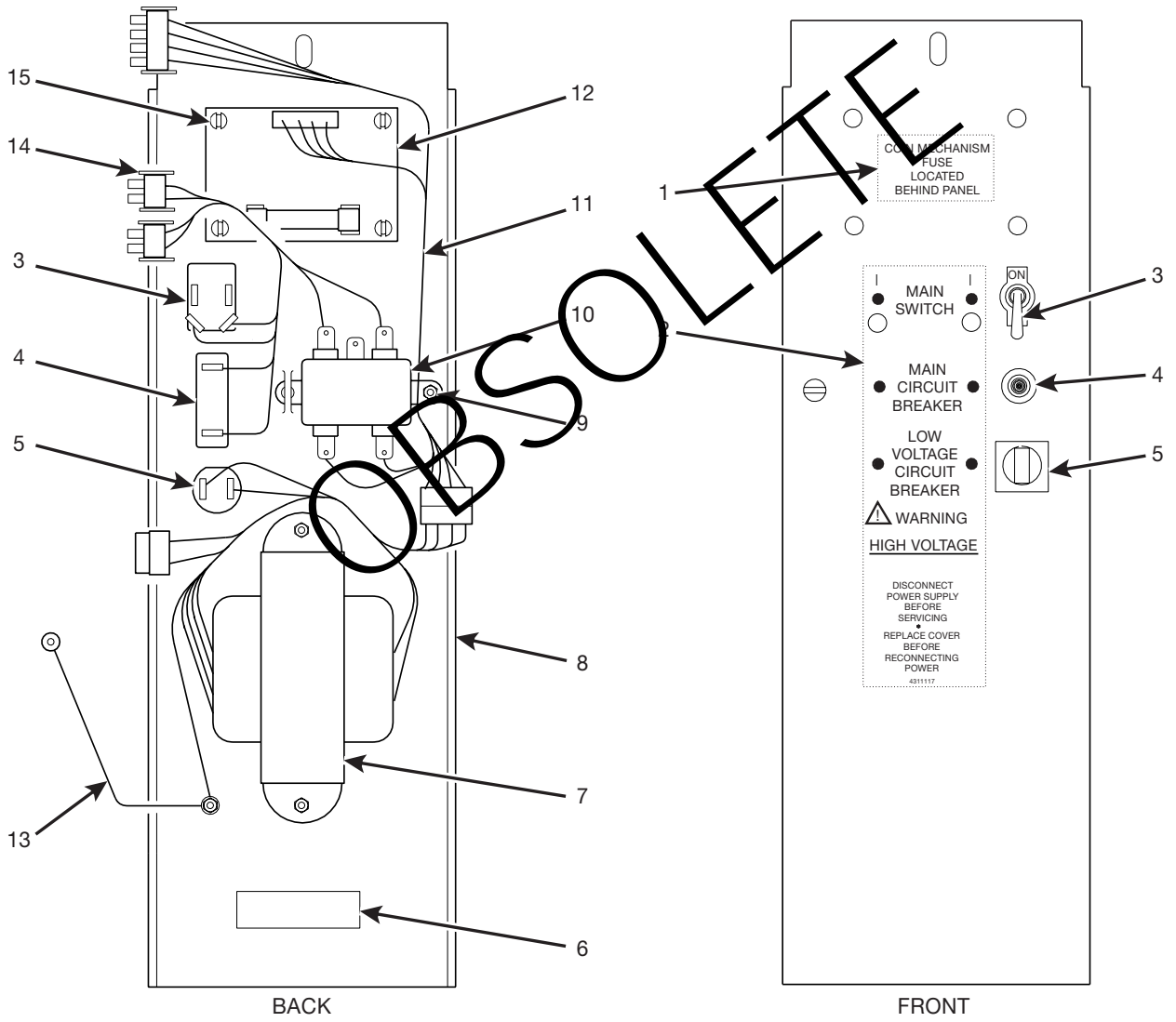
Figure 27. Power Panel Assembly (All 115 Volt Applications)

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 27. POWER PANEL ASSEMBLY (ALL 115 VOLT APPLICATIONS)

INDEX	PART NUMBER	DESCRIPTION	QTY
-	1701015	POWER PANEL ASSEMBLY - DOMESTIC	-
1	9989100	INTERFERENCE FILTER	1
2	9900081	NUT - #8-32 KEPS ZINC PLATE	6
3	9984629	SWITCH - TOGGLE - DPST - 20 AMP	1
4	9989672	BREAKER - 15 AMP	1
5	9989046	24 V TRANSFORMER - DUAL PRI. - .187 TERM	1
6	9989674	CIRCUIT BREAKER - 4 AMP	1
7	1211110	8-32 X 1/4 RHS MACH SCREW - Z.P.	6
8	1701025	PLATE - HOUSING - PANEL	1

Hot Drink Series - Models 630 / 638 - Parts Manual



630p0013

Figure 28. Power Panel Assembly - 115 V (Latin America)

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 28. POWER PANEL ASSEMBLY - 115 V (LATIN AMERICA)

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	1571136	POWER PANEL ASSEMBLY - 115 V - EXEC.	REF
1	1570057	LABEL - COIN MECH FUSE (SPANISH)	1
2	4311117	LABEL - POWER CONTROL PANEL	1
3	9984624	SWITCH - SPDT - TOGGLE	1
4	9989672	CIRCUIT BREAKER - 15 AMP	1
5	9989336	CIRCUIT BREAKER - 3 AMP	1
6	9989369	LABEL - PART NUMBER	1
7	9989042	TRANSFORMER - 115V/230V PRIMARY; 24V SECONDARY	1
8	1571040	PLATE AND STUD ASSEMBLY	1
9	9900081	NUT - #8-32 KEPS ZINC PLATE	4
10	9989100	INTERFERENCE FILTER	1
11	1579017	HARNESS - COIN HANDLING - POWER	1
12	9989659	PCB ASSEMBLY - DUMB MECH POWER SUPPLY	1
13	9984165	JUMPER - GROUND WIRE	1
14	1579013	HARNESS - POWER PANEL	1
15	1571035	STANDOFF - PCB - 3/8 SNAP LOCK	4

OBSOLETE

Hot Drink Series - Models 630 / 638 - Parts Manual

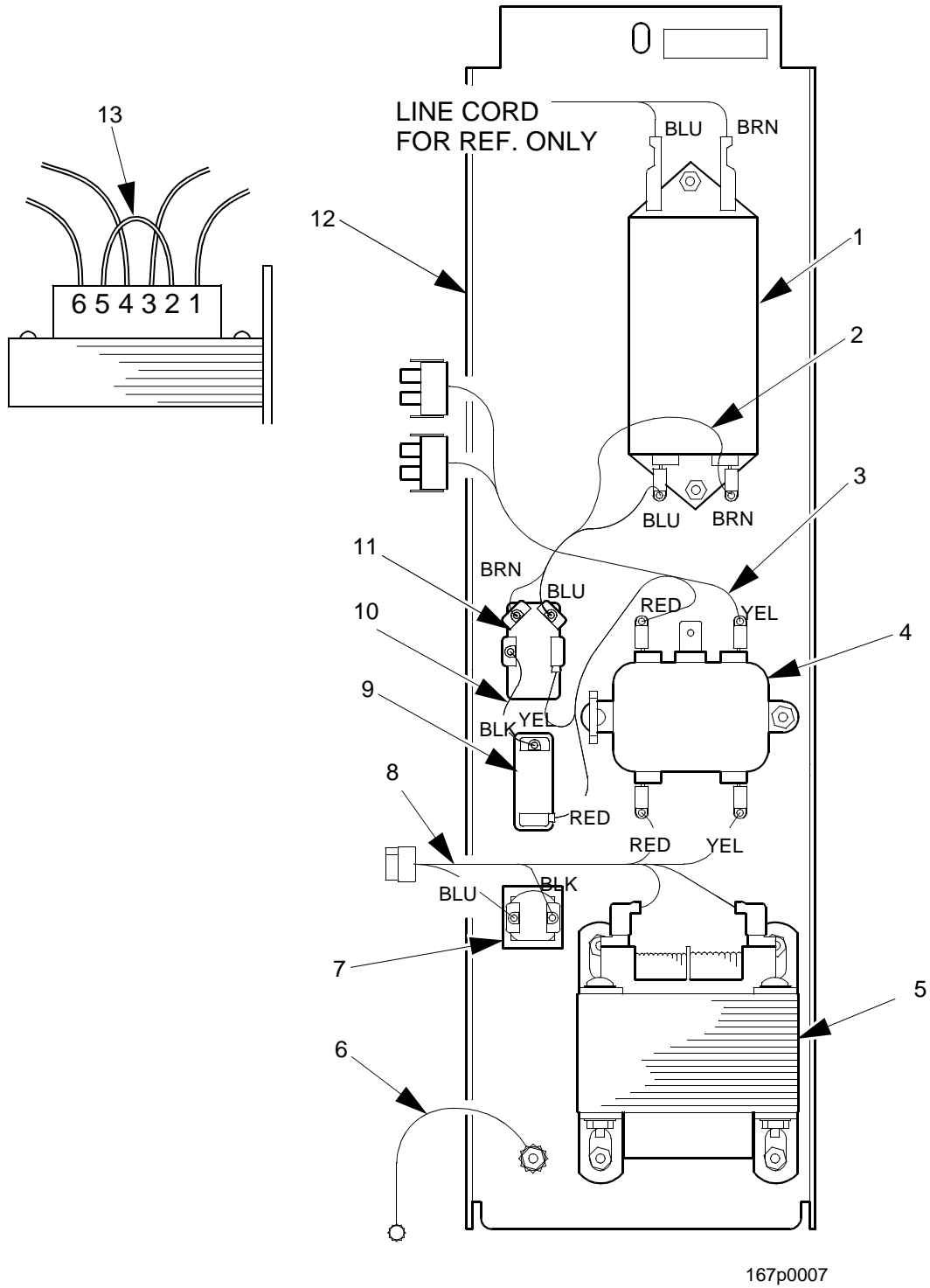


Figure 29. Power Panel Assembly - 230 V Latin America

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 29. POWER PANEL ASSEMBLY - 230 V LATIN AMERICA

INDEX	PART NUMBER	DESCRIPTION	QTY
-	4521020	POWER PANEL ASSY-U.K.-230V	-
1	9989110	MAIN LINE FILTER	1
2	6849015	JUMPER	1
3	1709000	HARNESS	1
4	9989100	E.M.I. FILTER	1
5	9989046	24V XFMR-DUAL PIR.-.187 TERM.	1
6	9984094	GROUND WIRE	1
7	9989674	BREAKER - 4A	1
8	1709001	HARNESS	1
9	9989672	BREAKER-15A	1
10	1709006	JUMPER	1
11	9984629	SWTICH	1
12	1701025	PLATE-HOUSING-PANEL	1
13	4279001	JUMPER	1

Hot Drink Series - Models 630 / 638 - Parts Manual

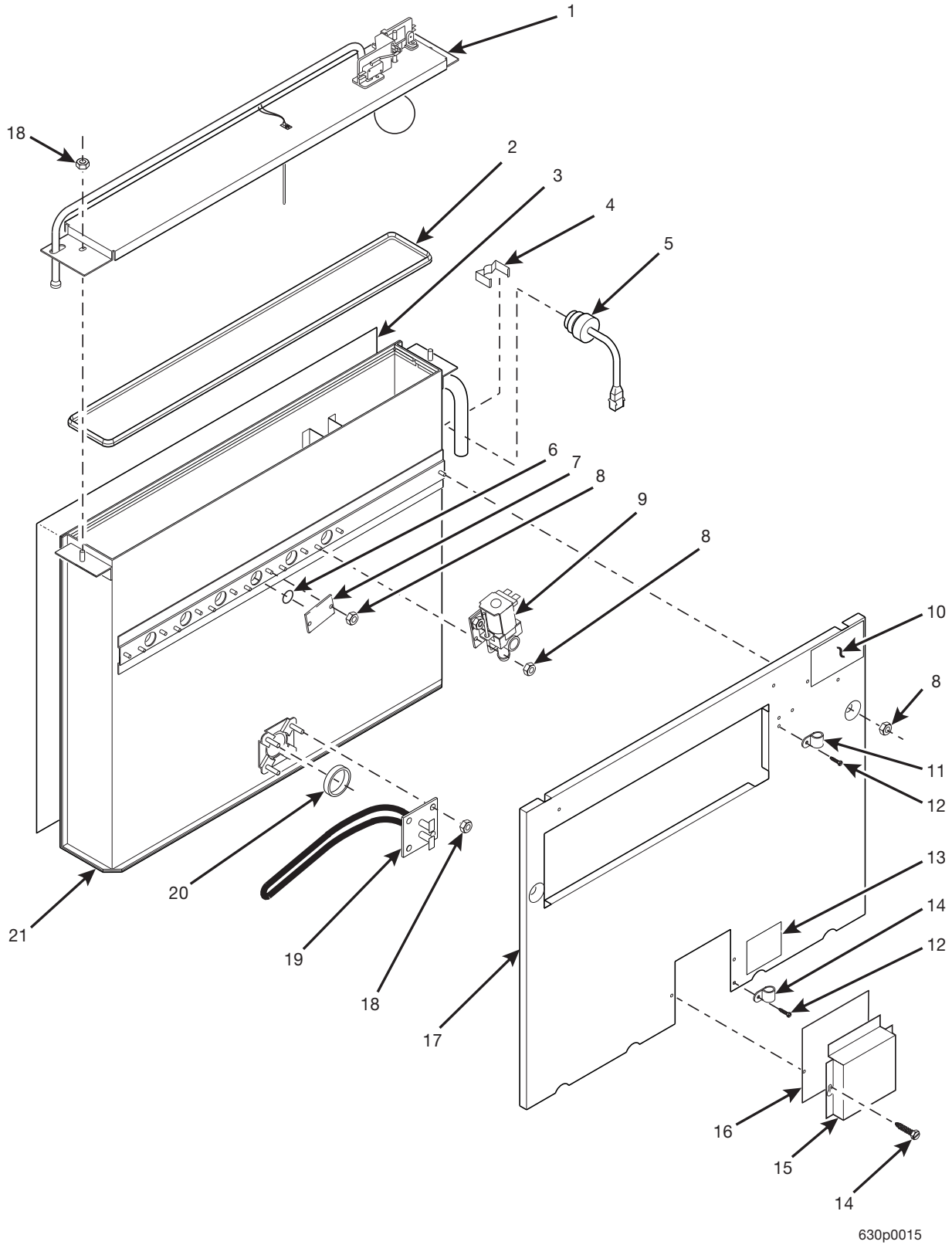


Figure 30. Water Tank Assembly

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 30. WATER TANK ASSEMBLY

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6338044	WATER TANK ASSEMBLY (U.S. AND 115 V LATIN AMERICA)	1
	6338012	WATER TANK ASSEMBLY - (230 V LATIN AMERICA ONLY)	
1	6338046	LID ASSEMBLY - WATER TANK (SEE FIGURE 31 FOR DETAILS)	1
2	6238026	GASKET - WATER TANK LID	1
3	6238138	INSULATION - WATER TANK - BACK	1
4	6338002	CLIP - SAFETY THERMOSTAT	1
5	6338003	THERMOSTAT - AUTO RESET	1
6	6238094	O-RING	6
7	6238045	PLUG ASSEMBLY - HOT WATER TANK	1
8	9900081	NUT - #8-32 KEPS	16
9	6238112	VALVE ASSY-H.W.T. (US and 115V LATIN AMERICA)	1
	6238116	VALVE ASSEMBLY-H.W.T. (230V LATIN AMERICA)	
10	-	LABEL - HOT SURFACE (ENGLISH)	1
	-	LABEL - HOT SURFACE (SPANISH)	
11	6231035	CLAMP - CABLE	2
12	1451097	SCREW	7
13	6231189	LABEL - WARNING - HIGH VOLTAGE	1
14	1452139	RETAINER - HARNESS	1
15	6238104	COVER - HEATER	1
16	6338022	INSULATION	1
17	6238075	COVER - FRONT	1
18	1172021	NUT - 1/4-20 WHIZ LOCK	6
19	6338041	HEATER - WATER - (U.S. AND 115 V LATIN AMERICA)	1
	6338042	HEATER - WATER - (230 V LATIN AMERICA)	
20	6238042	GASKET - HEATER	1
21	6338007	WELD ASSEMBLY - WATER TANK (U.S. AND 115 V LATIN AMERICA)	1
	6338008	WELD ASSEMBLY - WATER TANK (230 V LATIN AMERICA)	
-	6238136	INSULATION - BOTTOM - WATER TANK	1
-	6238137	INSULATION - TOP - WATER TANK	1

ALSO AVAILABLE

-	9905010	REPL. PKG - WATER VALVE - HOT DRINK (CONTAINS 10 EACH OF "O" RING PART NUMBER 6238074)
---	---------	--

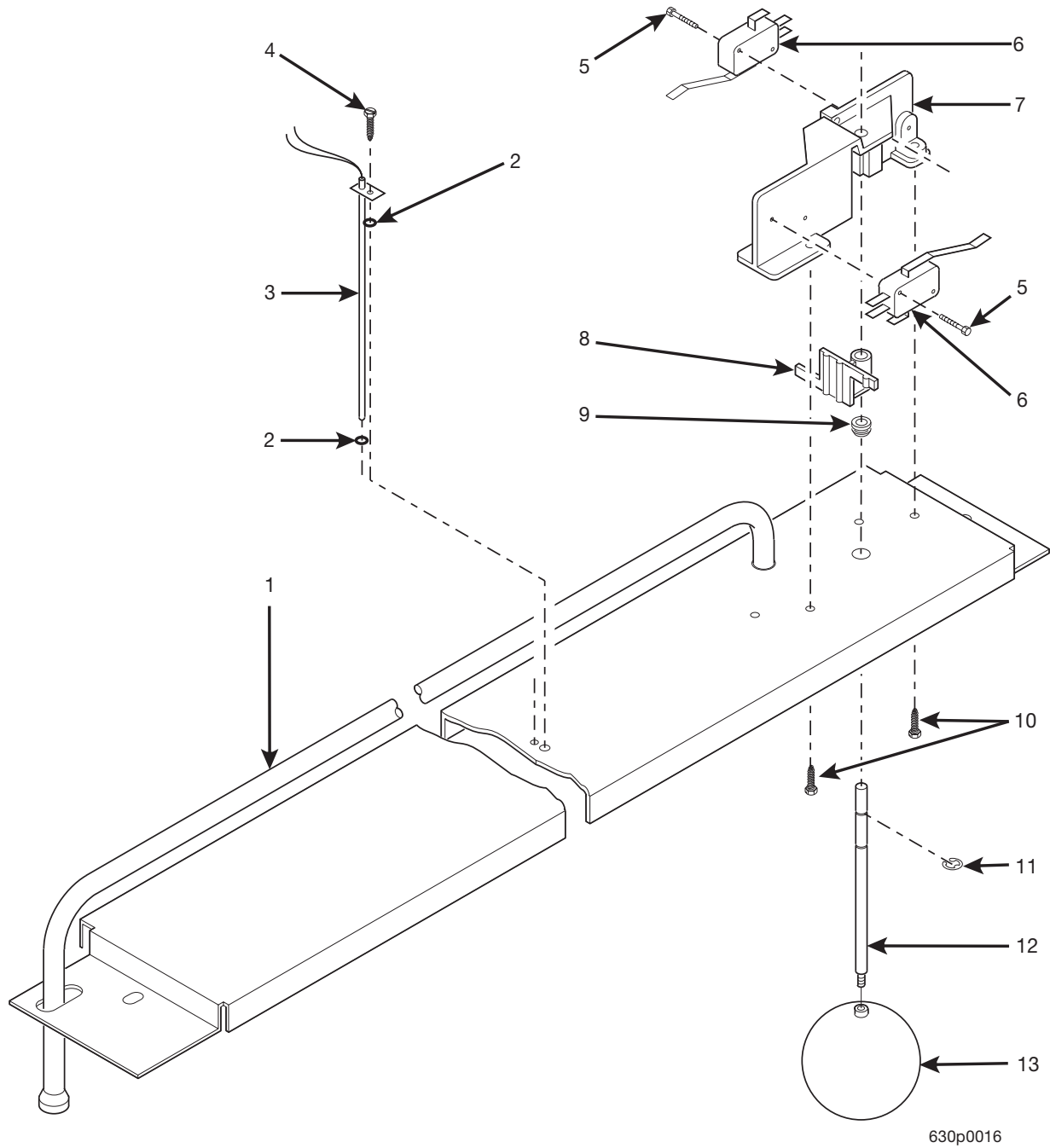
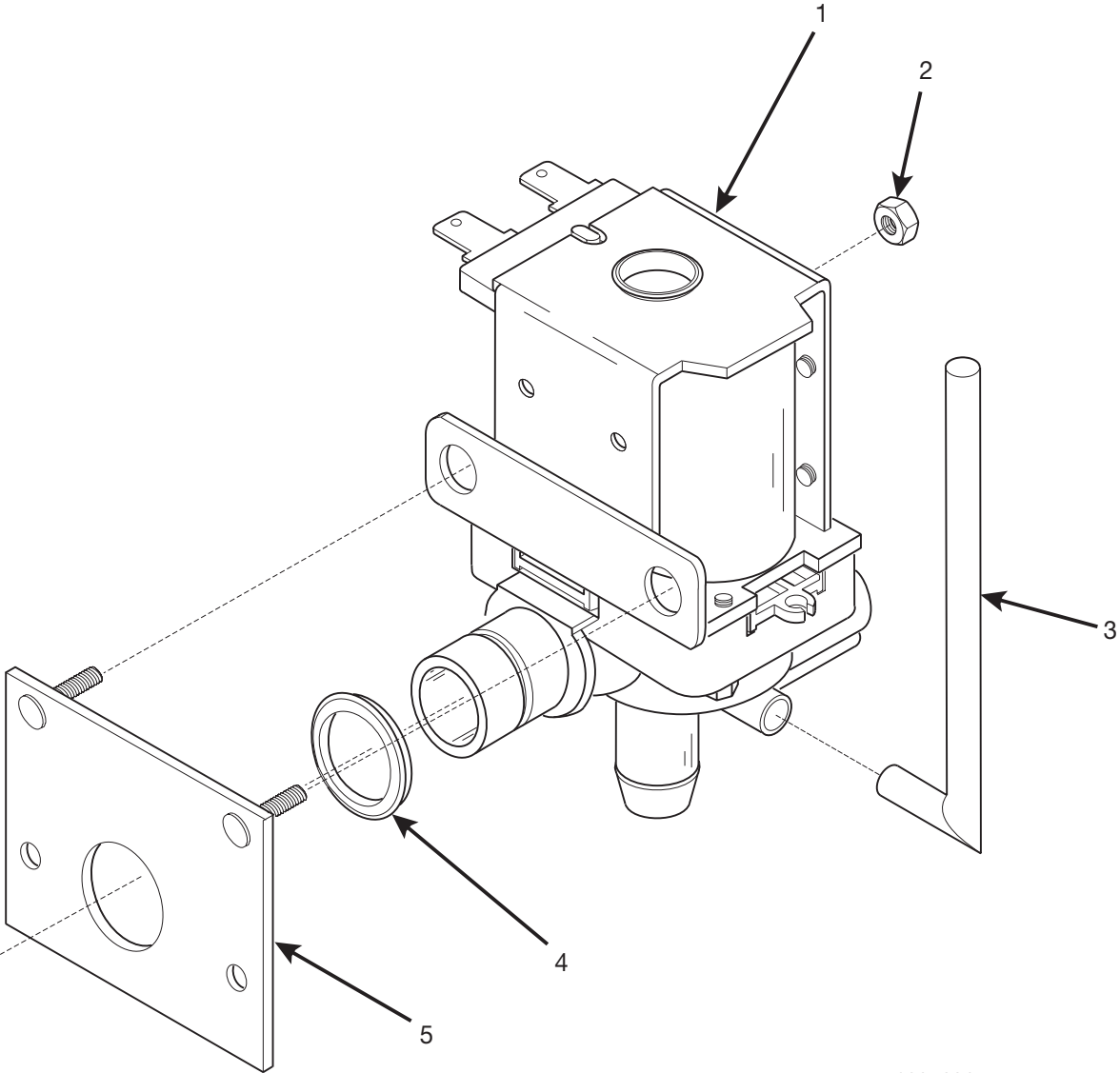


Figure 31. Lid Assembly - Water Tank

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 31. LID ASSEMBLY - WATER TANK

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6338046	LID ASSEMBLY - WATER TANK	
1	6338047	WELD ASSEMBLY	1
2	6138287	O RING	2
3	6338051	SENSOR - TEMPERATURE	1
4	6234295	SCREW - #8-32 X .38 HHS W/LW	1
5	6238070	SCREW - #4-17 X .62 HEX HD.	4
6	6238084	SWITCH - LEVER	2
7	6238068	SWITCH MOUNTING BRACKET	1
8	6138183	ACTUATOR - SWITCH	1
9	6338050	BEARING	1
10	6237049	SCREW - #18-16 X .25 - SLTD - PHS	3
11	6124073	RETAINING RING	2
12	6338049	SHAFT - FLOAT	1
13	6508033	FLOAT	1



630p0017

Figure 32. Valve Assembly - Hot Water

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 32. VALVE ASSEMBLY - HOT WATER

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6238112	VALVE ASSEMBLY - HOT WATER TANK (U.S. AND 115 V LATIN AMERICA)	1
	6238116	VALVE ASSEMBLY - HOT WATER TANK (230 V LATIN AMERICA)	
1	6338053	VALVE - HOT WATER (U.S. AND 115 V LATIN AMERICA)	1
	6338055	VALVE - HOT WATER (230 V LATIN AMERICA)	
2	9900081	NUT - #8-32 KEPS ZINC PLATE	2
3	6338054	VENT ELBOW	1
4	6238074	O RING	1
5	6238113	VALVE MOUNTING PLATE	1

Hot Drink Series - Models 630 / 638 - Parts Manual

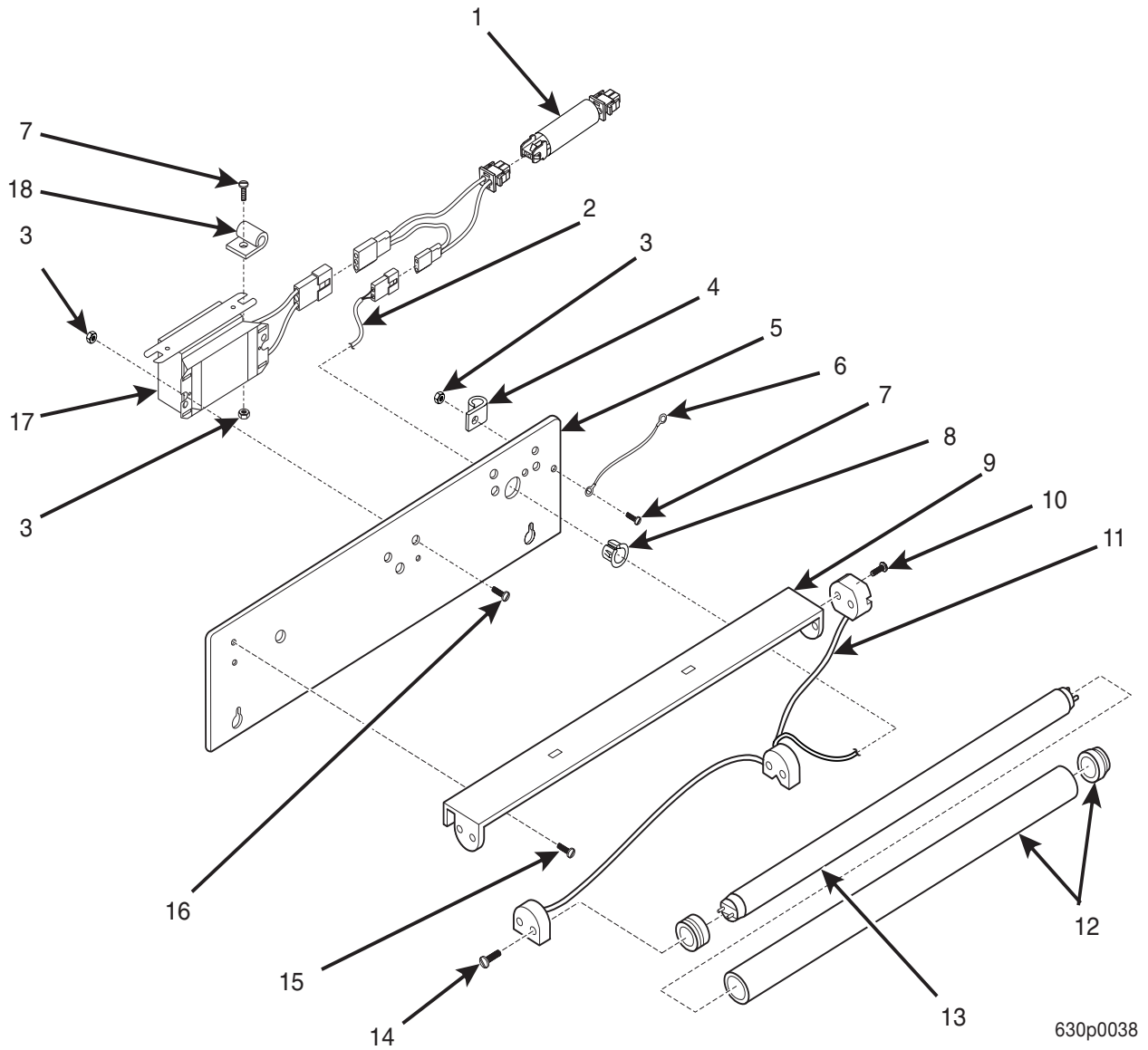


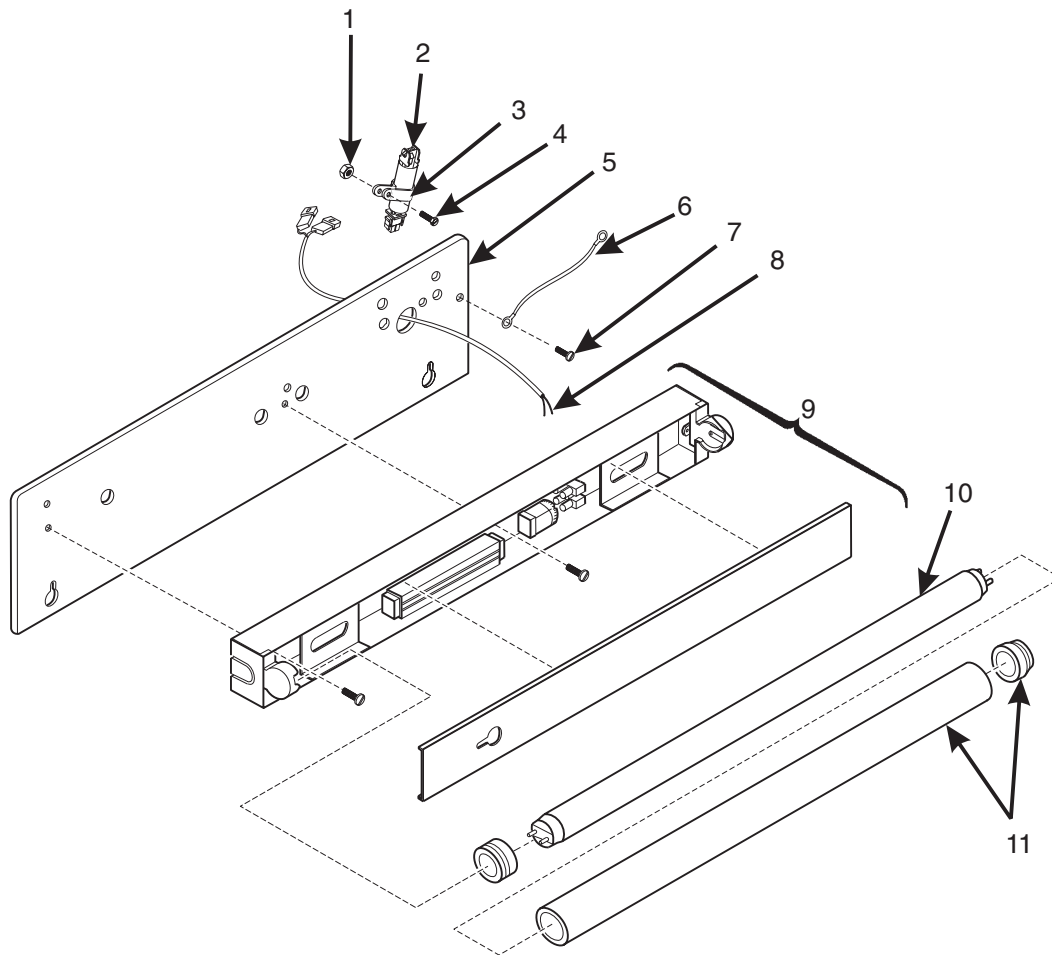
Figure 33. Service Light/Bracket Assembly - 115 V

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 33. SERVICE LIGHT/BRACKET ASSEMBLY - 115 V

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6231372	SERVICE LIGHT/BRACKET ASSEMBLY - 115 V (INCLUDES INDEX NUMBERS 3-15)	1
-	6231232	LIGHT ASSEMBLY - 115 V (INCLUDES INDEX NUMBERS 10, 11, 13, AND 16)	1
1	1451124	SUPPRESION NETWORK ASSEMBLY	1
2	3156932	WIRING HARNESS	1
3	9900081	NUT - #8-32 KEPS	-
4	4305043	HARNESS CLIP	-
5	6231559	BRACKET	1
6	9984165	JUMPER - GROUND	1
7	3157060	SCREW - #8-32	1
8	3106154	BUSHING	1
9	2272036	BRACKET - LIGHT	1
10	3107171	SCREW	2
11	2346016	HARNESS	1
12	9984165	LAMP SLEEVE AND END CAPS ASSEMBLY	1
13	2222096	FLUORESCENT LAMP	1
14	1452076	SCREW - #14-36 X .437 RHS	2
15	1451097	SCREW - #8-32 .31 HX HD	2
16	1170206	SCREW - #8-32 X .31 HX HD	1
17	3151058	BALLAST ASSEMBLY	1
18	1452139	RETAINER - HARNESS	1

Hot Drink Series - Models 630 / 638 - Parts Manual



630P0029

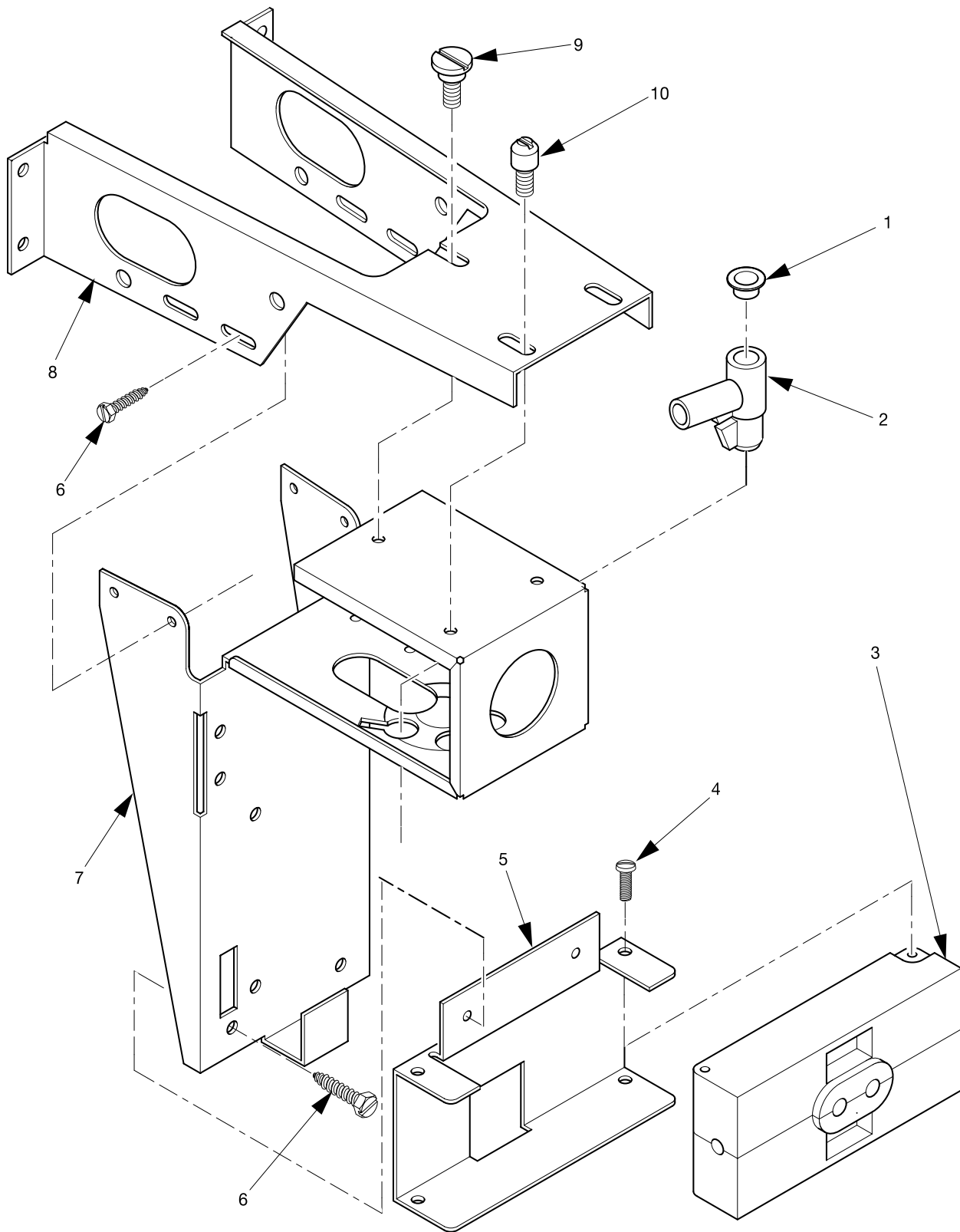
Figure 34. Service Light/Bracket Assembly - 230 V

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 34. SERVICE LIGHT/BRACKET ASSEMBLY - 230 V

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6339012	SERVICE LIGHT AND BRACKET ASSEMBLY (230 V. LATIN AMERICA ONLY)	1
1	9900081	NUT	1
2	6332010	SUPPRESSION ASSEMBLY	1
3	4305043	HARNESS CLIP	1
4	6231559	BRACKET	1
5	3157060	SCREW	1
6	9984165	JUMPER - GROUND WIRE	1
7	3157060	SCREW - #8-32 X .31 HEX W/ HD	-
8	6339011	JUMPER - SERVICE LIGHT	1
9	6239053	LIGHT ASSEMBLY - FLUORESCENT - 230 V	1
10	6232305	LAMP SLEEVE AND END CAPS ASSEMBLY	1
11	2222096	FLUORESCENT LAMP	1

Hot Drink Series - Models 630 / 638 - Parts Manual



630p0042

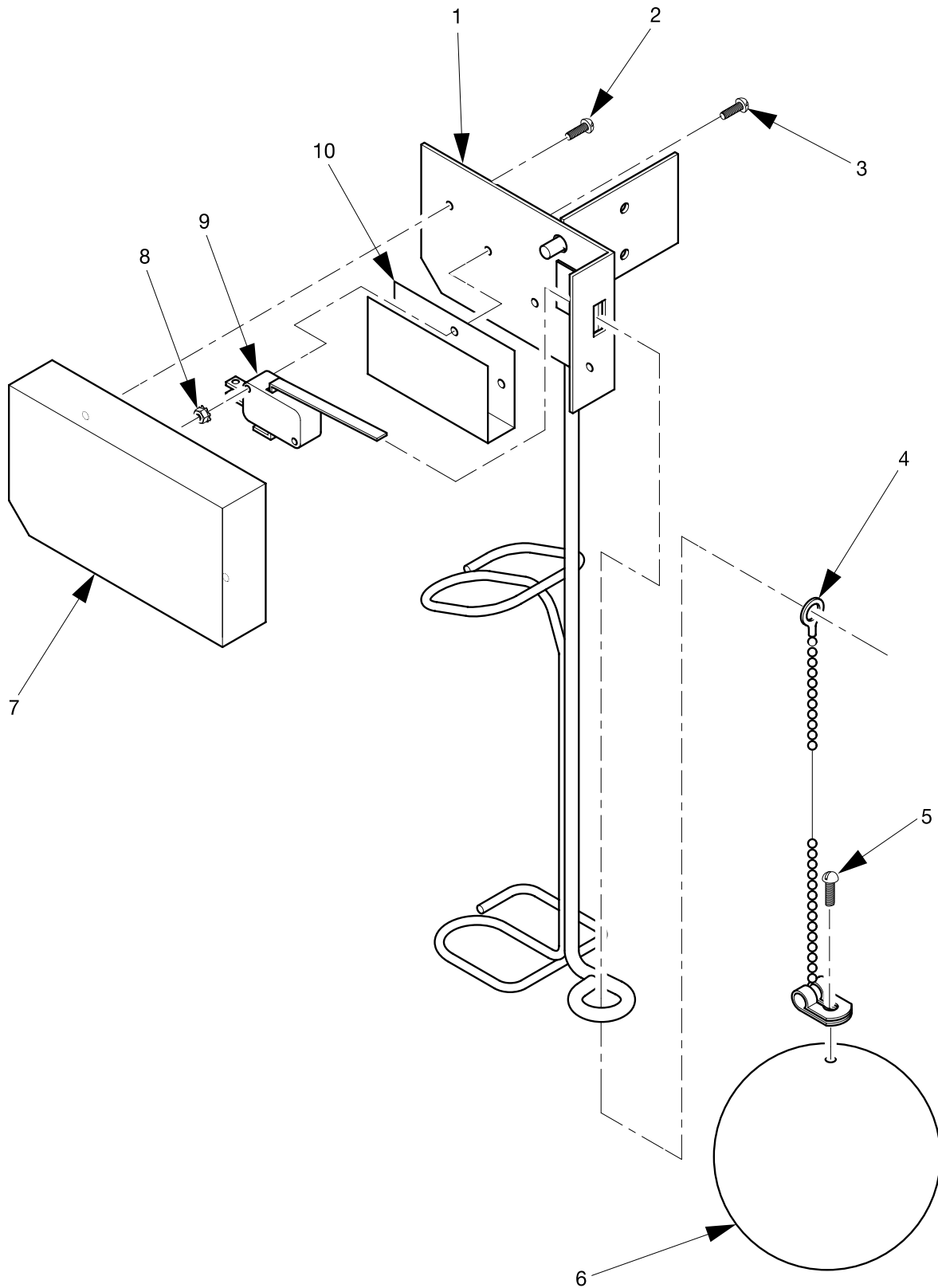
Figure 35. Cup Station Support, Overflow Switch, and Cup Sensor

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 35. CUP STATION SUPPORT, OVERFLOW SWITCH, AND CUP SENSOR

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6231198	SUPPORT ASSEMBLY - CUP STATION	1
-	6231536	MUG SENSOR & BRACKET ASSEMBLY (INCLUDES INDEX NUMBERS 3 - 5)	1
1	4711020	CAPLUG - SPOUT	4
2	6117010	SPOUT - DISPENSING	-
3	6231537	SENSOR ASSEMBLY - MUG	1
4	2226380	SCREW - #6-19 X .38 PHS T/C	1
5	6231539	BRACKET - CUP SENSOR	1
6	1451097	SCREW - #8-32 X .31 HEX HD	2
7	6231153	CUP STATION SUPPORT	1
8	6398136	SUPPORT - CUP STATION - EUROTWIN	
9	4247204	STUD - STORAGE TRAY	1
10	4041102	STUD - COLUMN LOCATOR	1

Hot Drink Series - Models 630 / 638 - Parts Manual



630p0041

Figure 36. Overflow Switch Assembly

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 36. OVERFLOW SWITCH ASSEMBLY

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6231223	OVERFLOW SWITCH ASSEMBLY (INDEX NUMBERS 3 AND 7 NOT INCLUDED)	REF
1	6231507	BRACKET ASSEMBLY - OVERFLOW SWITCH	1
2	1217160	SCREW - 4-40 X 5/8 RHS	2
3	9900012	SCREW - #6-32 X 1/4 RHS S/T	2
4	6151131	CHAIN - OVERFLOW SWITCH	1
5	4047054	SCREW - #8-18 X 1/2 RHS T/C	2
6	3116127	FLOAT - OVERFLOW SWITCH	1
7	6231135	COVER - OVERFLOW SWITCH	1
8	3116127	NUT - 4-40 KEPS W/EXT L/WASHER	2
9	2304108	SWITCH LEVER V3L-131-D8	1
10	3121150	INSULATION - OVERFLOW SWITCH	1

Hot Drink Series - Models 630 / 638 - Parts Manual

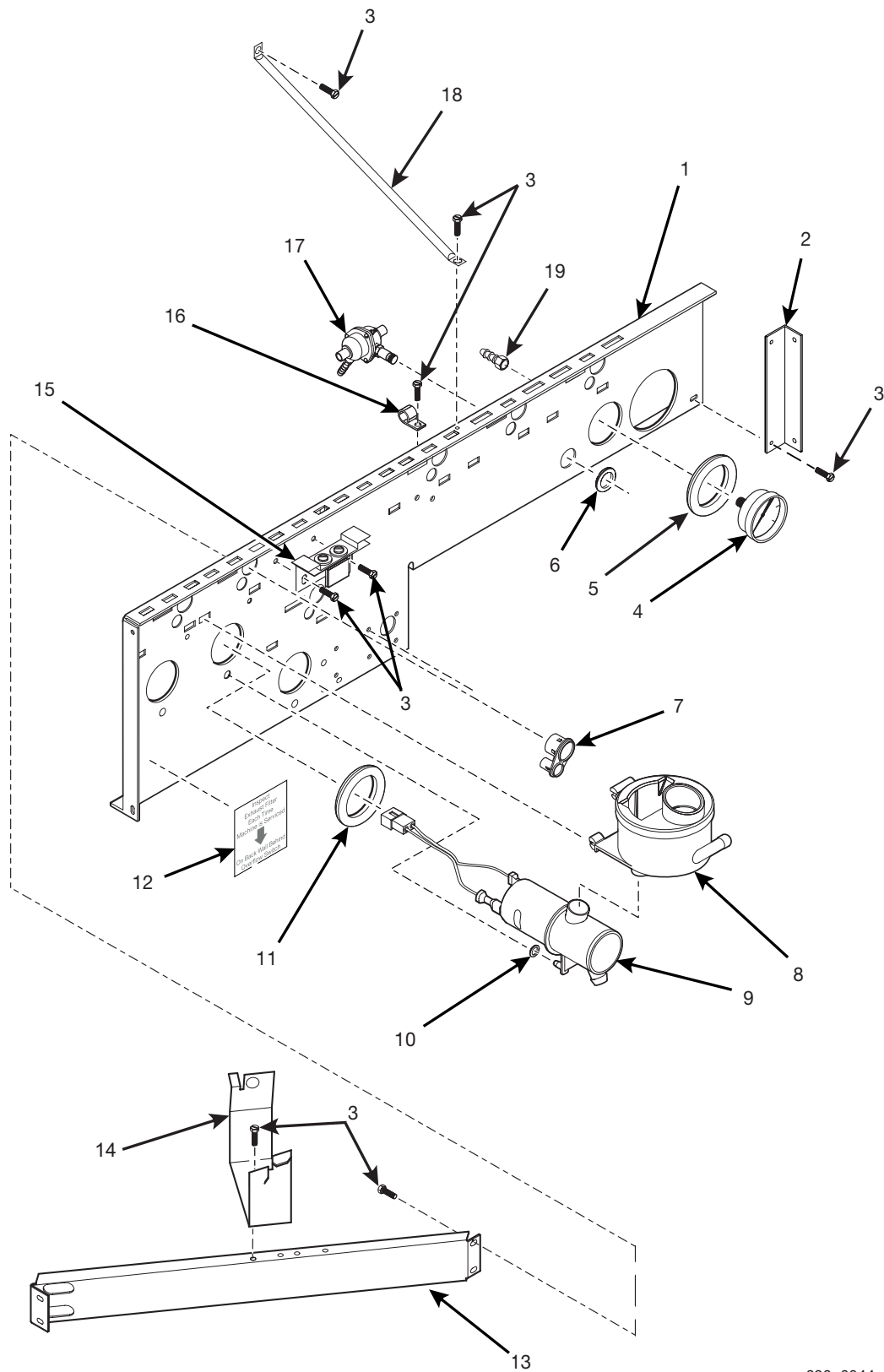


Figure 37. Canister Support Assembly

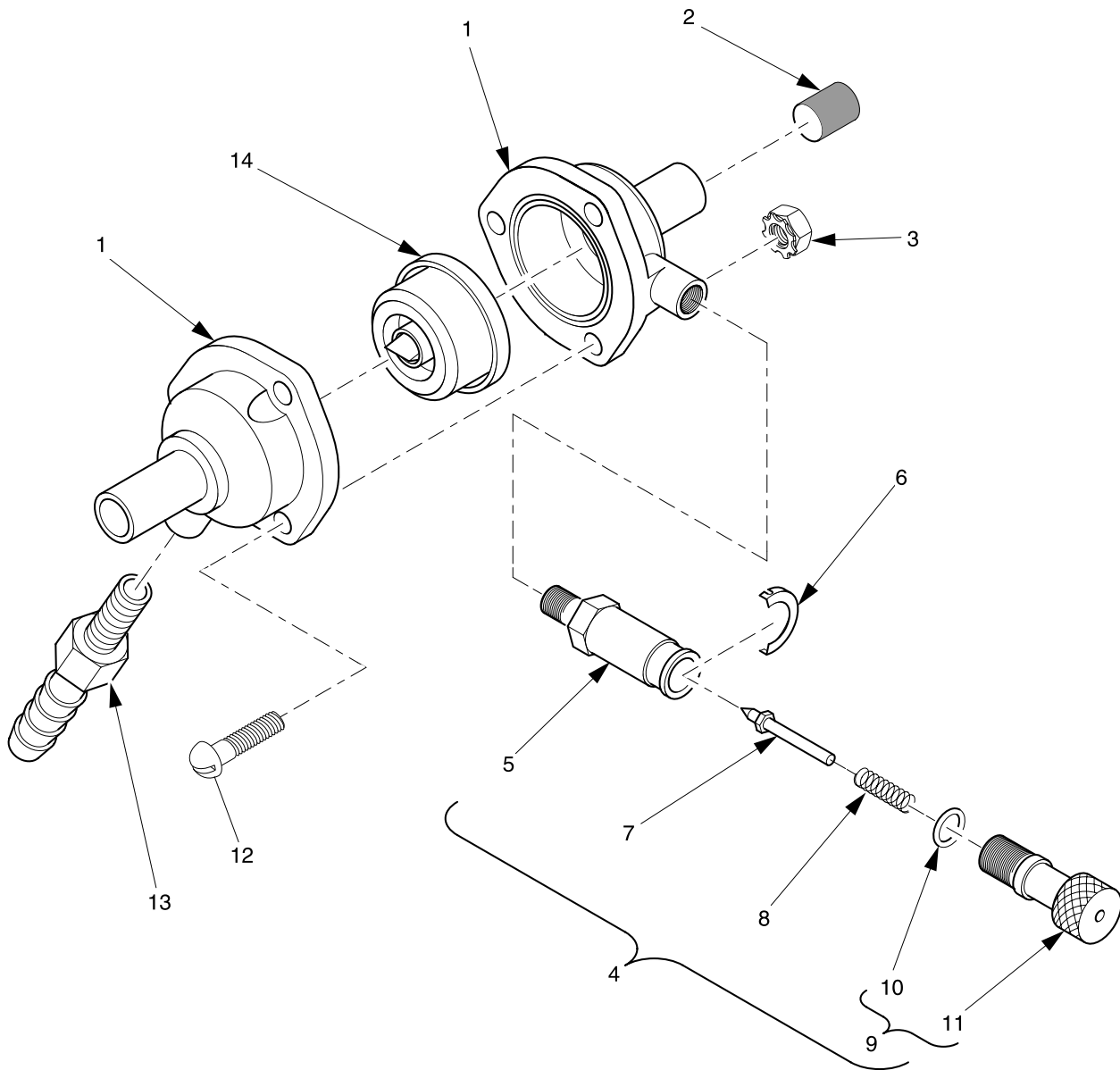
630p0044

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 37. CANISTER SUPPORT ASSEMBLY

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	6261117	CANISTER SUPPORT CHANNEL	1
2	6231033	BRACKET - CANISTER SUPPORT	-
3	1451097	SCREW - 1/8-32 X .31 HX HD	-
4	6108065	GAUGE - COMPRESSOR	1
5	6237051	GROMMET	-
6	6237052	GROMMET	-
7	6237315	RETAINER - TUBE	-
8	-	MIXING BOWL AND WHIPPER ASSEMBLY (SEE FIGURE 39 FOR DETAILS)	-
9	-	WHIPPER ASSEMBLY (SEE FIGURE 39 FOR DETAILS)	-
10	2302223	GROMMET	-
11	6237115	GROMMET - WHIPPER MOUNTING	-
12	-	LABEL	-
13	6341007	BRACE - CANISTER SUPPORT	-
14	6337017	BRACKET - FLOW RESTRICTOR	-
15	6237186	CANISTER SUPPORT ASSEMBLY - LIGHTENER	1
16	-	CLIP - HARNESS	-
17	6234981	REGULATOR ASSEMBLY (SEE FIGURE 38 FOR DETAILS)	1
18	6231533	BRACE - CANISTER ASSEMBLY	1
19	6204215	FITTING - 1/4 BARB X 1/8 FEMALE NPT	1

Hot Drink Series - Models 630 / 638 - Parts Manual



630p0045

Figure 38. Regulator Assembly

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 38. REGULATOR ASSEMBLY

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6234981	REGULATOR ASSEMBLY	REF
1	6154214	BODY - REGULATOR	2
2	6234335	FILTER - AIR REGULATOR	1
3	9900081	NUT - #8-32 X 3/4 RHS	3
4	6154284	CONTROL ASSEMBLY (INCLUDES INDEX NUMBERS 4 - 9)	1
5	6154288	BODY - PRESSURE CONTROL	1
6	6154285	RETAINER - ADJUSTER	1
7	6154287	PLUNGER - PRESSURE CONTROL	1
8	6154286	SPRING - PRESSURE CONTROL	1
9	6154289	ADJUSTER ASSEMBLY (INCLUDES INDEX NUMBERS 10 & 11)	1
10	6154232	O-RING - .239 X .07	1
11	6154290	ADJUSTER - CONTROL	1
12	9900115	SCREW - #8-32 X 3/4 RHS	3
13	3167128	FITTING - PARKER # P4MCB2	1
14	6334016	DIAPHRAGM AND RESTRICTOR ASSEMBLY	1

Hot Drink Series - Models 630 / 638 - Parts Manual

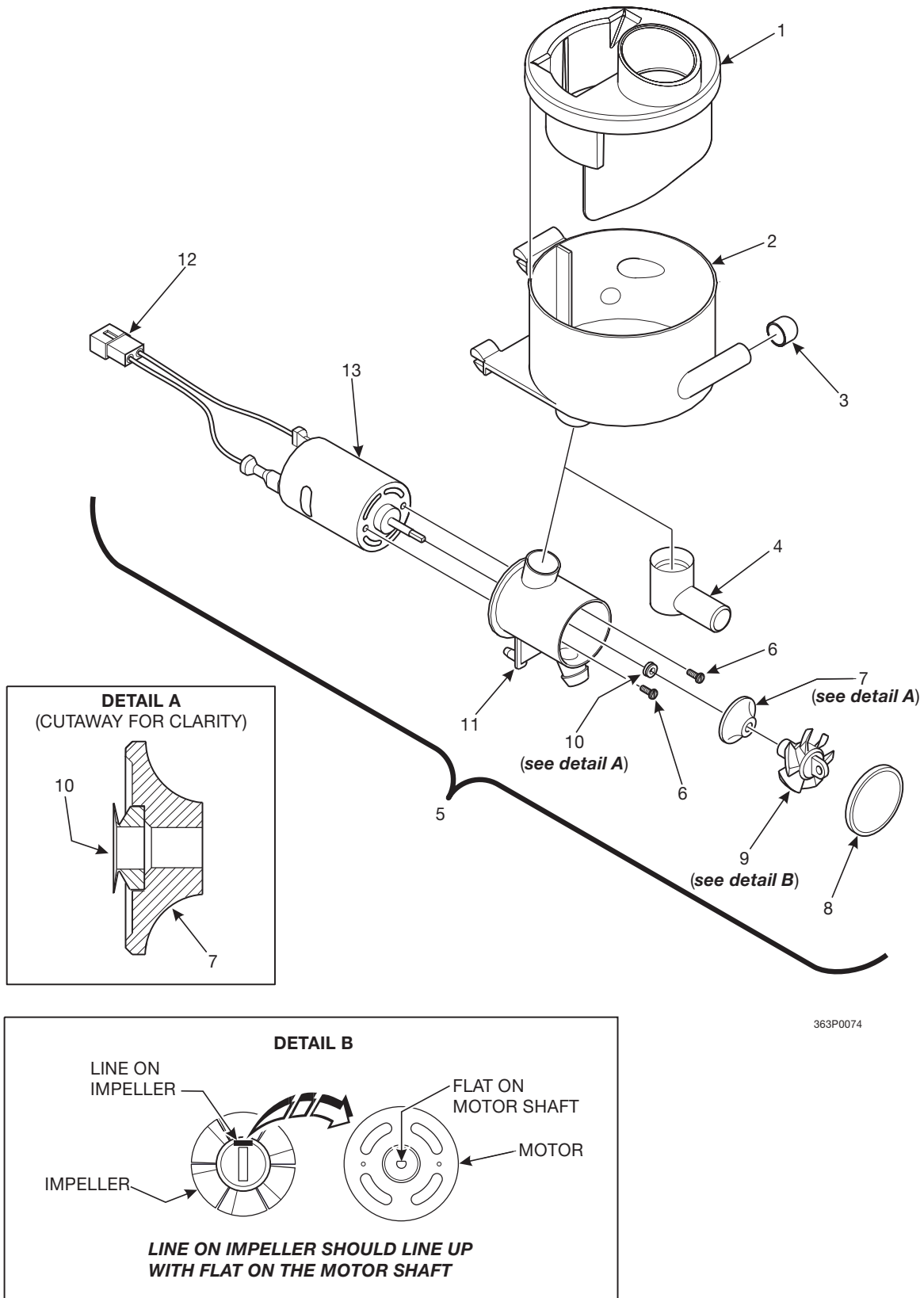


Figure 39. Mixing Bowl and Whipper Assembly

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 39. MIXING BOWL AND WHIPPER ASSEMBLY

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	P6337060	VENT AND DIVIDER ASSEMBLY	1
2	6237127	MIXING BOWL (CHOCOLATE & UNLABELED PRODUCT)	2
	6237128	MIXING BOWL (CONDIMENTS)	1
	6231125	MIXING BOWL (TEA, DECAF, COFFEE)	1
3	6237306	VINYL CAP	1
4	6237312	SPOUT - MIXING BOWL	1
5	6237195	WHIPPER ASSEMBLY (INCLUDES INDEX NUMBERS 6 - 13)	3
6	6237119	SCREW	2
7	6237192	SPACER - WHIPPER	-
8	6337085	COVER - WHIPPER	1
9	6237194	IMPELLER - WHIPPER	1
10	6237110	V-RING SHAFT SEAL	1
11	6237193	HOUSING - WHIPPER	1
12	6237157	WIRING HARNESS - WHIPPER MOTOR	1
13	6237111	MOTOR - WHIPPER - 24 VDC	1
-	6237117	IMPELLER REMOVAL TOOL (NOT SHOWN)	1

Hot Drink Series - Models 630 / 638 - Parts Manual

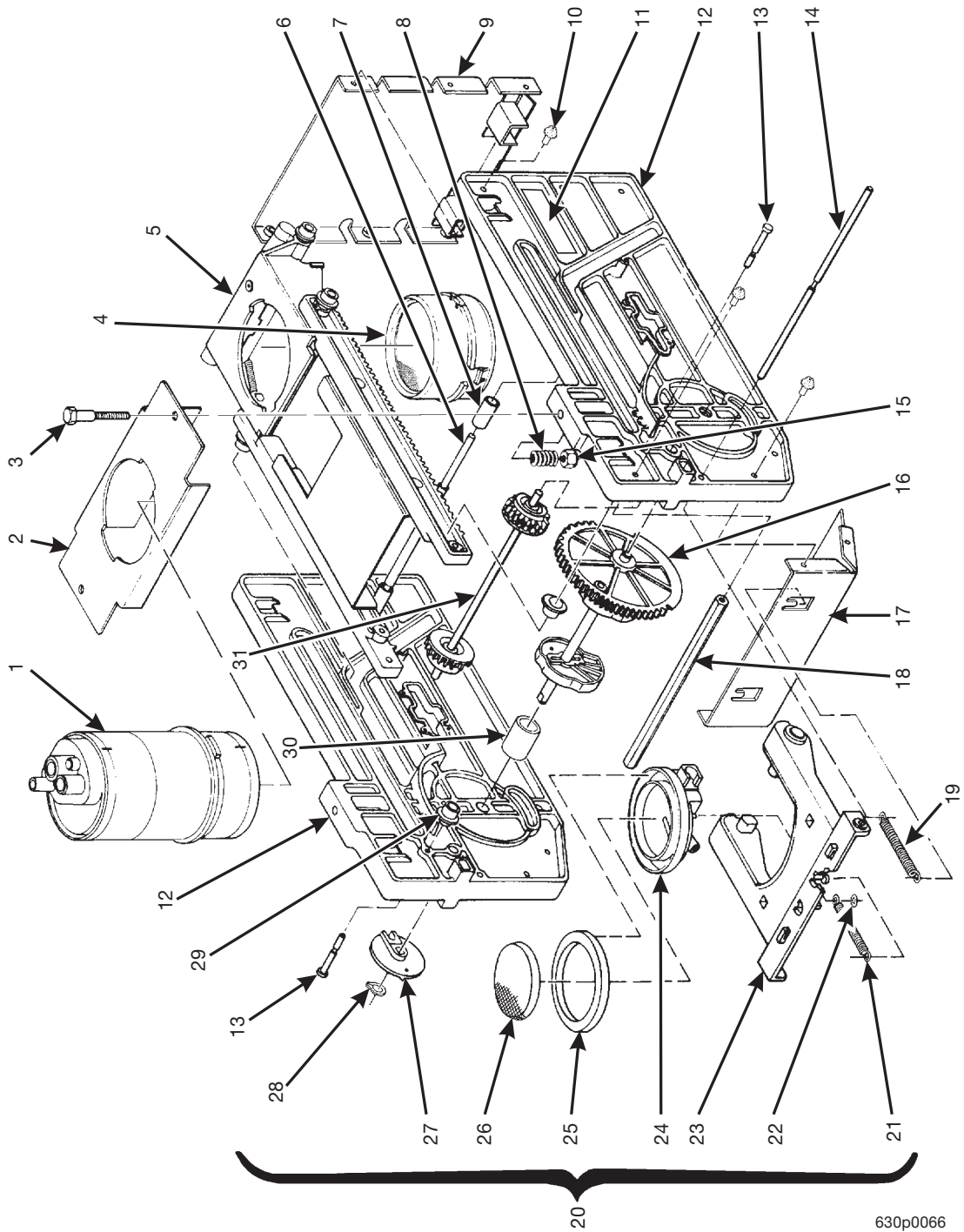


Figure 40. Single Brewer Assembly (Without Filter)

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 40. SINGLE BREWER ASSEMBLY (WITHOUT FILTER)

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6234010	SINGLE BREWER ASSEMBLY - NO FILTER	REF.
1	6234328	BARREL ASSEMBLY - BREWER (SEE FIGURE 42 FOR DETAILS)	1
2	6234301	BARREL - SUPPORT - BREWER	1
3	6234288	BOLT - 1/4-20 X 1 1/2	2
4	6234104	BASKET - BREWER	1
5	6234001	RACK ASSEMBLY (SEE FIGURE 43 FOR DETAILS)	1
6	6234215	WALL ASSEMBLY - REAR	1
7	6234270	ROLLER - STOP	2
8	6234225	SPRING - BREWER	2
9	6234271	SHAFT - FLIP STOP	1
10	6234295	SCREW - #8-32 X .38 HHS W.L.W	12
11	6231197	LABEL - CAUTION: HOT WATER HAZARD	1
12	6234273	SIDEWALL - BREWER	2
13	6234223	PIN - ROLLER - SIDEWALL	2
14	6234308	SHAFT - SWING ARM	1
15	6234289	LOCKNUT - #1/4-20	2
16	6234008	GEAR AND CAM ASSEMBLY	1
16	6234205	SPRING	2
17	6234220	WALL ASSEMBLY - BOTTOM - FROMT	1
18	6234293	SPACER - SINGLE BREWER	1
20	6234200	SWING ARM ASSEMBLY (INCLUDES INDEX NUMBERS 20 - 24)	1
21	6234205	EXT. SPRING - SWING ARM	2
22	6234243	SHAFT - RETAINER - .125 DIA.	2
23	6234002	SWING ARM ASSEMBLY	1
24	6234240	FUNNEL - COFFEE	1
25	6234375	SEAL - BREWER	1
26	6204223	FILTER SUPPORT - 30 MESH	1
27	6234310	DRIVE CONNECTION - BREWER	1
28	6234303	RETAINING RING - .375 DIA.	1
29	6234222	ROLLER - BREWER	2
30	6234803	SPACER - CAM	1
31	6234007	PINION GEAR ASSEMBLY	1

Hot Drink Series - Models 630 / 638 - Parts Manual

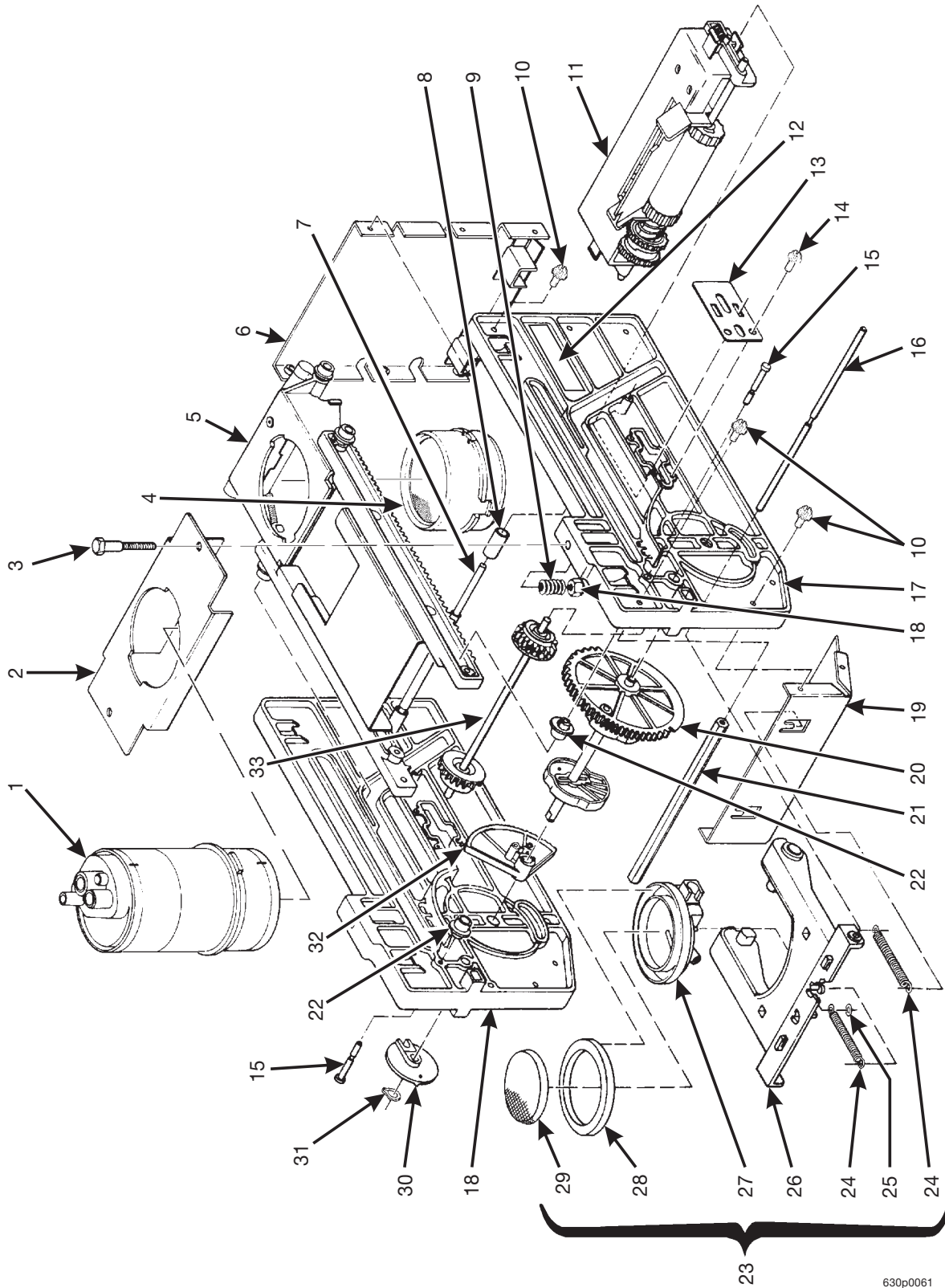


Figure 41. Single Brewer Assembly - With Filter

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 41. SINGLE BREWER ASSEMBLY - WITH FILTER

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6234000	SINGLE BREWER ASSEMBLY - WITH FILTER	REF.
1	6234328	BARREL ASSEMBLY - (SEE FIGURE 42 FOR DETAILS)	1
2	6234301	BARREL SUPPORT - BREWER	1
3	6234288	BOLT - 1/4-20 X 1 1/2	2
4	6234297	BASKET - BREWER PAPER	1
5	6234001	RACK ASSEMBLY - (SEE FIGURE 43 FOR DETAILS)	1
6	6234215	WALL ASSEMBLY - REAR	1
7	6234271	SHAFT - FLIP STOP	1
8	6234270	ROLLER - STOP	2
9	6234225	SPRINT - BREWER	2
10	6234295	SCREW - #8-32 X .38 HHS W/LW	12
11	6234600	PAPER MECHANISM ASSEMBLY (SEE FIGURE 44 FOR DETAILS)	1
12	6231197	LABEL - CAUTION: HOT WATER HAZARD	1
13	6235608	SPRING COVER - PAPER MECH	2
14	6234616	SCREW - #10-32 X 3/8 HHS SL W/ EA	4
15	6234223	PIN - ROLLER - SIDEWALL	2
16	6234308	SHAFT - SPRING ARM	1
17	6234273	SIDEWALL - BREWER	2
18	6234289	LOCKNUT - #1/4-20	2
19	6234220	WALL ASSEMBLY - BOTTOM FRONT	1
20	6234008	GEAR AND CAM ASSEMBLY	1
21	6234293	SPACER - SINGLE BREW	1
22	6234222	ROLLER - BREWER	2
23	6234200	SWING ARM ASSEMBLY (INCLUDES INDEX NUMBERS 27 - 32)	1
24	6234243	SHAFT - RETAINER - .125 DIA	2
25	6234205	EXT. SPRING - SWING ARM	2
26	6234002	SWING ARM ASSEMBLY	1
27	6234240	FUNNEL - COFFEE	1
28	6234375	SEAL - BREWER	1
29	6204223	FILTER SUPPORT - 30 MESH	1
30	6234310	DRIVE CONNECTION - BREWER	1
31	6234303	RETAINING RING - .375 DIA.	1
32	6234601	RATCHET DRIVE - PAPER MECH.	1
34	6234007	PINION GEAR ASSEMBLY	1

Hot Drink Series - Models 630 / 638 - Parts Manual

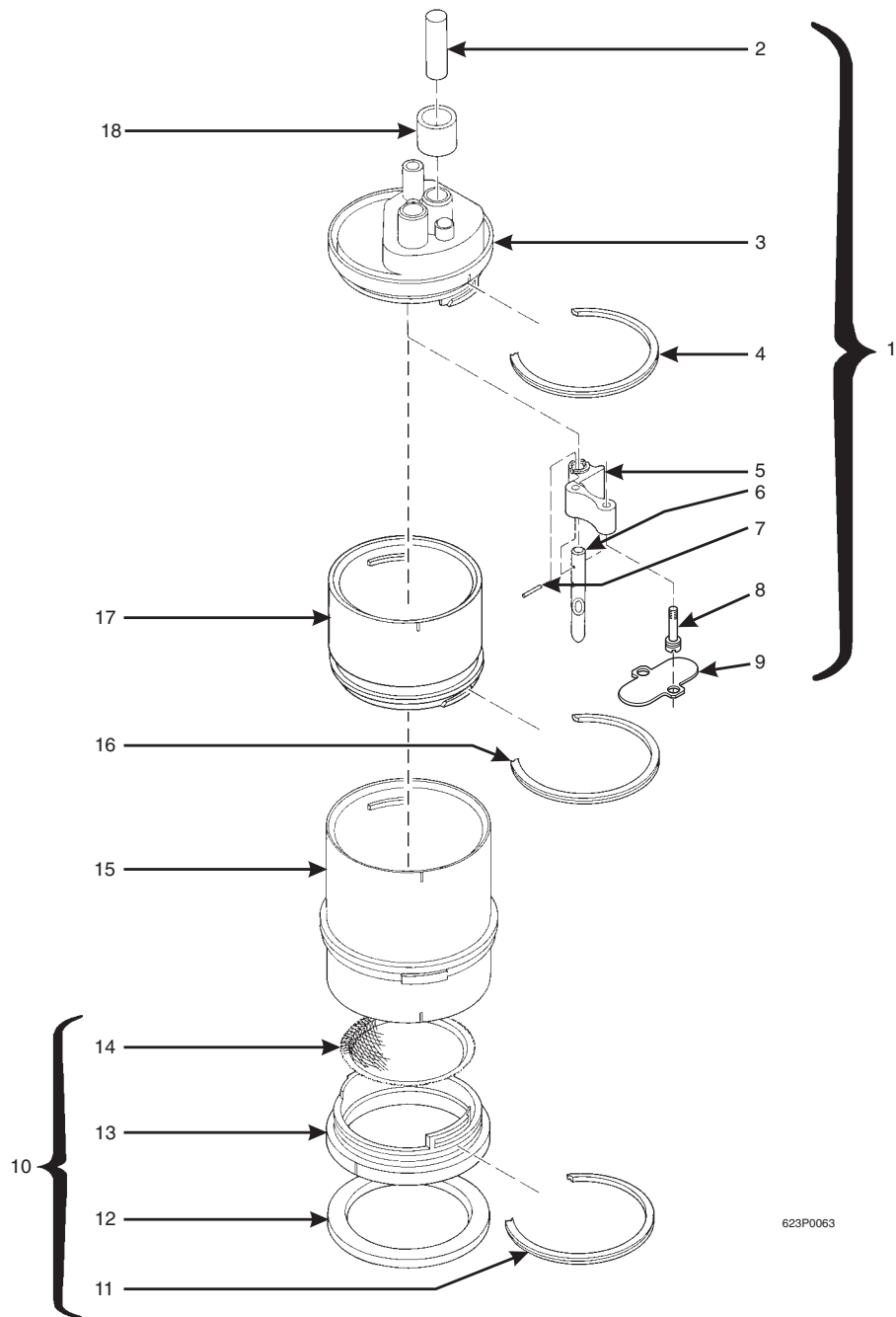


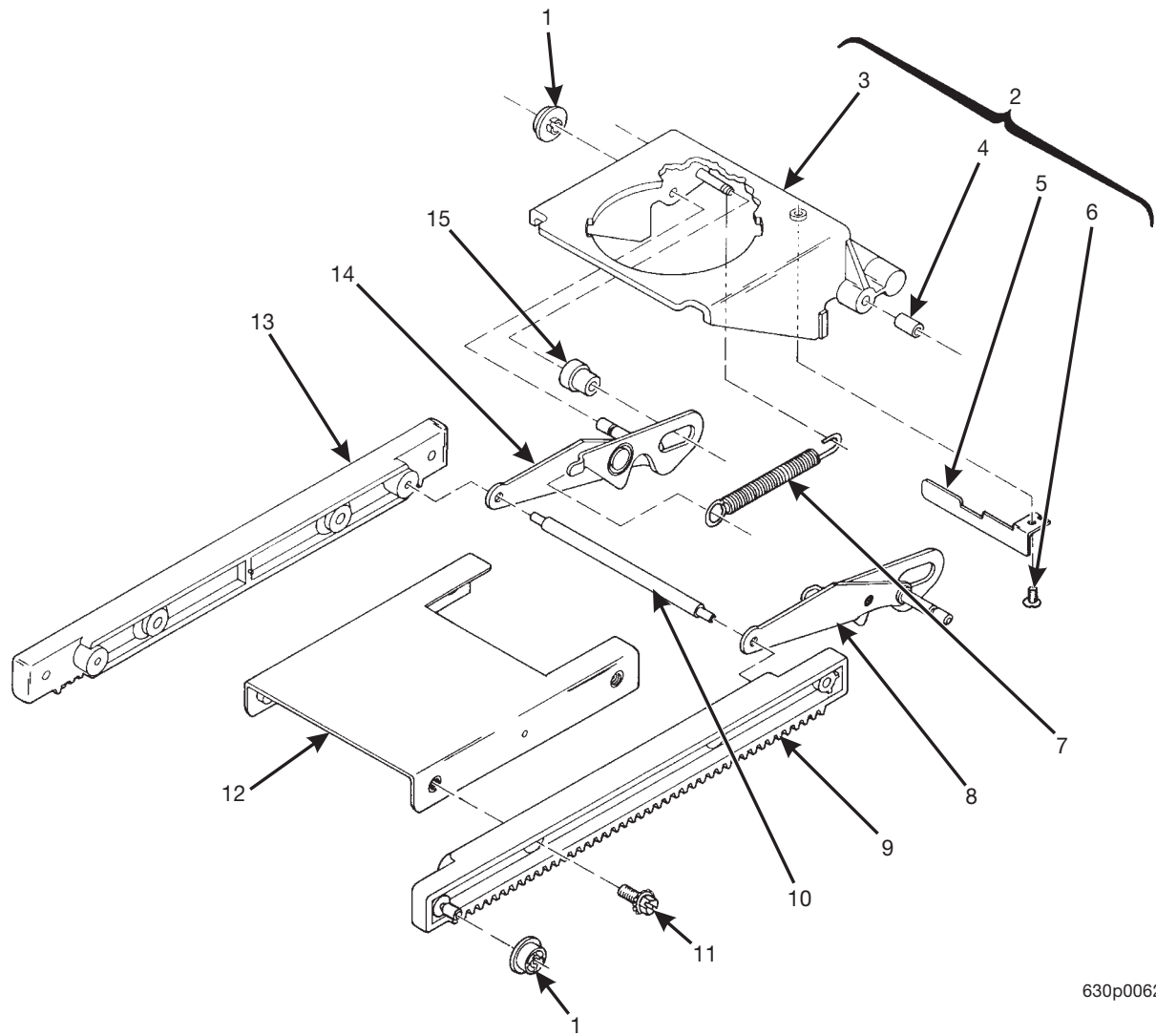
Figure 42. Barrel Assembly - Single Brewer

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 42. BARREL ASSEMBLY - SINGLE BREWER

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6234328	BARREL ASSEMBLY - SINGLE BREWER	REF
1	6134152	MANIFOLD ASSEMBLY - HOSE - BREW BARREL (INCLUDES INDEX NUMBERS 2 - 9)	1
2	6134192	PLUG BREWER MANIFOLD	1
3	6134178	MANIFOLD AND INSERT ASSEMBLY - BREWER	1
4	6104193	QUAD RING SEAL	1
5	6204229	DEFLECTOR - MANIFOLD	1
6	6134197	TUBE - AIR JET	1
7	6106107	ROLL PIN	1
8	6134173	SHOULDER SCREW	2
9	6134155	VALVE - MANIFOLD - BREWER BARREL	1
10	6234305	LOWER INSERT ASSEMBLY - BREWER BARREL (INCLUDES INDEX NUMBERS 11 - 14)	1
11	6104193	QUAD RING SEAL	1
12	6234375	SEAL - BREWER	1
13	6104181	LOWER INSERT - BREWER BARREL	1
14	6234302	SCREEN - BREWER BARREL	1
15	6104184	BREWER BARREL	1
16	6104193	QUAD RING SEAL	1
17	6234213	EXTENSION - BREWER BARREL	1
18	6234207	TUBE - .375 ID X .562 OD X .75L	1

Hot Drink Series - Models 630 / 638 - Parts Manual



630p0062

Figure 43. Rack Assembly

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 43. RACK ASSEMBLY

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6234001	RACK ASSEMBLY - BREWER	REF.
1	6234222	ROLLER - BREWER	4
2	6234116	BASKET HOUSING ASSEMBLY (INCLUDES INDEX NUMBERS 3 - 6)	1
3	6234250	BASKET HOUSING AND WIPER ASSEMBLY	1
4	6234278	BEARING - RETURN LEVER ROLLER	2
5	6234118	FLAT SPRING - BASKET HOUSING	1
6	6204211	SCREW - #6-32 X 1/4 PHS T/C SS	1
7	6234256	SPRING - FLIP	2
8	6234261	ROLLER LINKAGE ASSEMBLY - RIGHT	1
9	6234275	RACK ASSEMBLY - RIGHT - BREWER	1
10	6234110	SHAFT - FLIP	1
11	6234295	SCREW - #8-32 X .38 HHS W/LW	4
12	6234120	BRACKET ASSEMBLY - RACK	1
13	6234274	RACK ASSEMBLY - LEFT - BREWER	1
14	6237260	ROLLER LINKAGE ASSEMBLY - LEFT	1
15	6234292	RETURN LEVER ROLLER ASSEMBLY	2

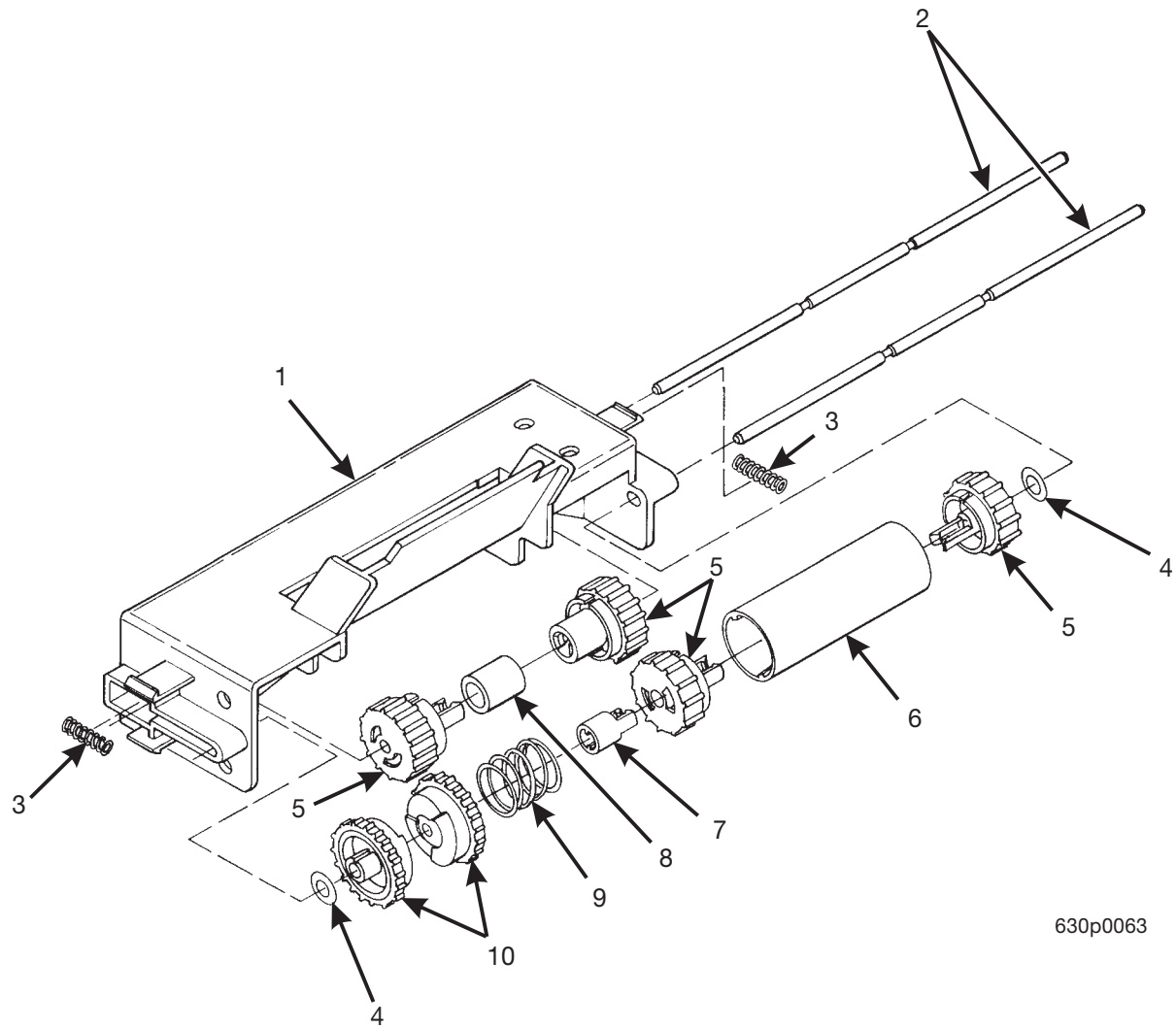
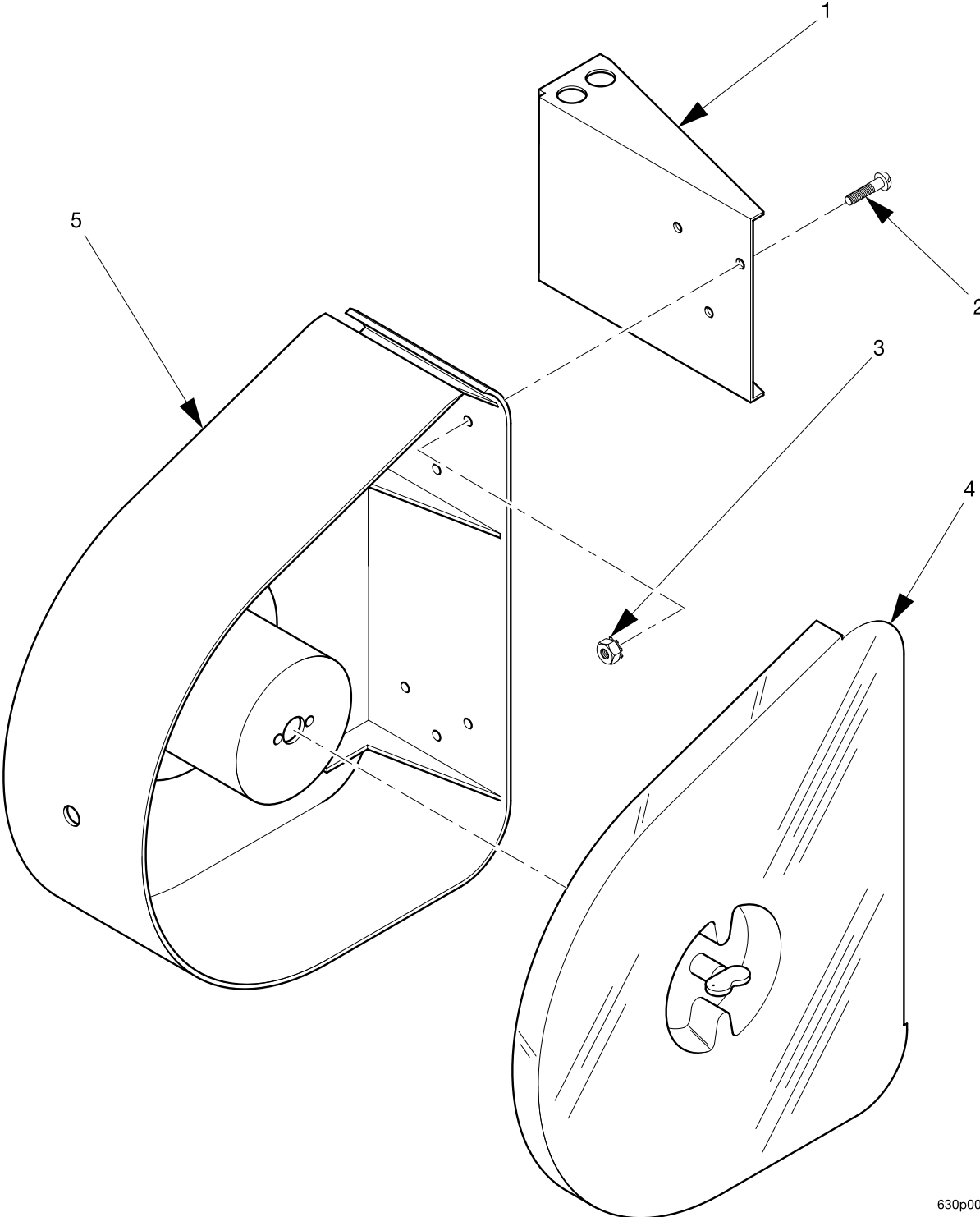


Figure 44. Paper Mechanism Assembly - Single Brewer With Filter

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 44. PAPER MECHANISM ASSEMBLY - SINGLE BREWER WITH FILTER

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6234600	PAPER MECHANISM ASSEMBLY - SINGLE BREWER	REF.
1	6234626	PAPER MECHANISM HOUSING	1
2	6234612	SHAFT - PAPER MECHANISM	2
3	6234614	COMPRESSION SPRING - PAPER MECH. SHAFT	2
4	6234628	WASHER - PAPER MECH.	2
5	6234620	ROLLER END CAP - PAPER MECH.	4
6	6234619	PAPER ROLLER EXTRUSION	1
7	6234603	ROLLER DRIVE - PAPER MECH.	1
8	6234634	TUBE - 6108098 - .50 LG.	2
9	6234315	SPRING - PAPER MECH. RATCHET	1
10	6234607	RATCHET - PAPER MECH.	2



630p0043

Figure 45. Filter Paper Housing

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 45. FILTER PAPER HOUSING

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6234622	PAPER ROLL ASSEMBLY (INCLUDES INDEX NUMBERS 2 - 3 AND 5)	1
1	6234625	BRACKET - PAPER ROLL	1
2	9900020	SCREW - #8-32 X 1/2 RHS MACH. ZINC	3
3	9900081	NUT - #8-32 KEPS ZINC PLATE	3
4	6154238	COVER ASSEMBLY - FILTER PAPER HOUSING	1
5	6234630	HOUSING ASSEMBLY - FILTER PAPER	1
-	P6104459	FILTER PAPER PACKAGE ASSEMBLY	-

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 45. WATER VALVE ASSEMBLY - WITHOUT FILTER

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	6331040	BRACKET AND INLET VALVE ASSEMBLY (115 VOLT APPLICATIONS ONLY)	1
	6331038	BRACKET AND INLET VALVE ASSEMBLY (230 VOLT APPLICATIONS ONLY)	
1	3158061	VALVE ASSEMBLY (115 VOLT APPLICATIONS ONLY)	1
	6331038	VALVE ASSEMBLY (230 VOLT APPLICATIONS ONLY)	
2	6231503	ADAPTER - 3/8 - 1/4	1
3	3108048	VALVE - WATER - CONBRACO #57-001-01	1
4	6408119	MALE CONNECTOR - BRASS - #4-4-FBI 2-B	1
5	9900023	SCREW - #6-20 X 3/8 PHS	2
6	6231501	SUPPORT - INLET WATER VALVE	1

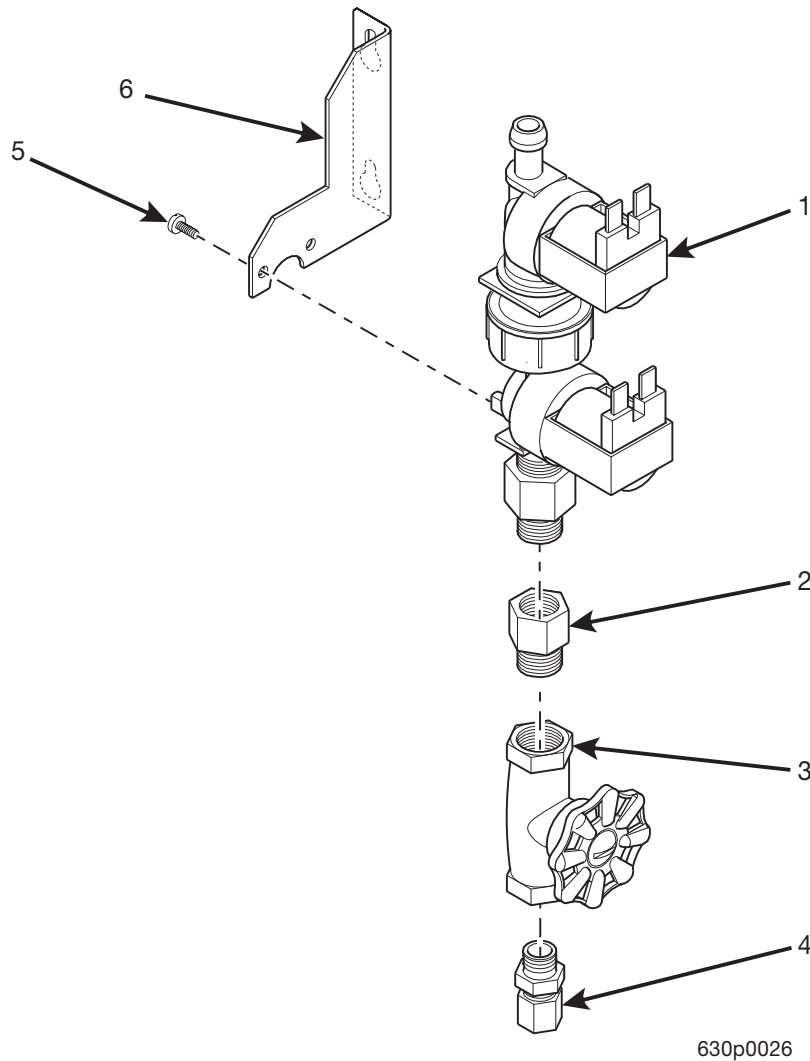
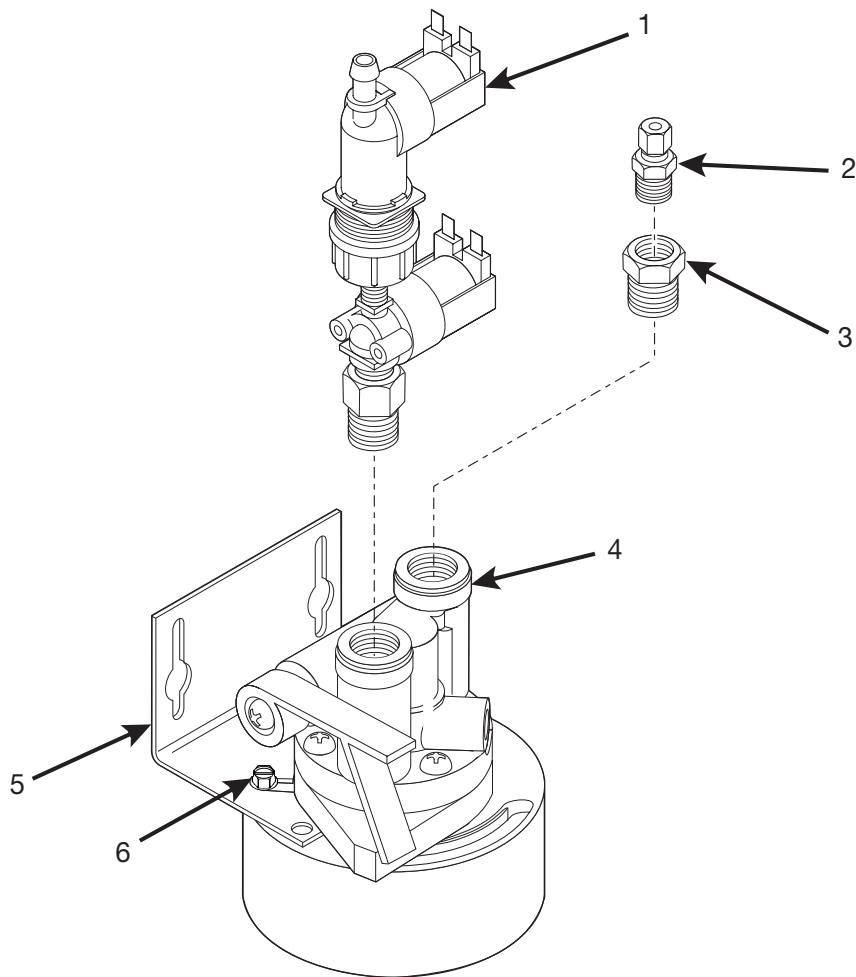


Figure 46. Water Valve Assembly - Without Filter

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 46. FILTER HEAD ASSEMBLY - WITH EVERPURE FILTER

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6408025	FILTER HEAD ASSEMBLY - 115 V	1
	6408026	FILTER HEAD ASSEMBLY - 230 V	
1	3158061	VALVE ASSEMBLY - 115 V	1
	6408003	VALVE ASSEMBLY - 230 V	
2	6408119	MALE CONNECTOR - BRASS - #4-4 FBI 12-B PARKER	1
3	6408117	BUSHING - 1/4 X 3/8 - BRASS - 290P-6-4	1
4	6408134	FILTER HEAD - EVERPURE #9257-12	1
5	3158023	BRACKET - MOUNTING - WATER FILTER	1
6	9900205	SCREW - #10-32 X 3/8 HEX HD	5



630p0025

Figure 47. Filter Head Assembly - With Everpure Filter

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 47. FILTER HEAD ASSEMBLY - WITH HYDROLIFE FILTER

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	6338030	HEAD ASSEMBLY - 115 V	1
	6338031	HEAD ASSEMBLY - 230 V	
1	6408119	MALE CONNECTOR - BRASS - #4-4-FBI2	1
2	6408117	BUSHING - 1/4 X 3/8 - BRASS - 209P6	1
3	6338027	HEAD BRACKET ASSEMBLY	1
4	6408003	VALVE ASSEMBLY - 115 V	1
	3158061	VALVE ASSEMBLY - 230 V	

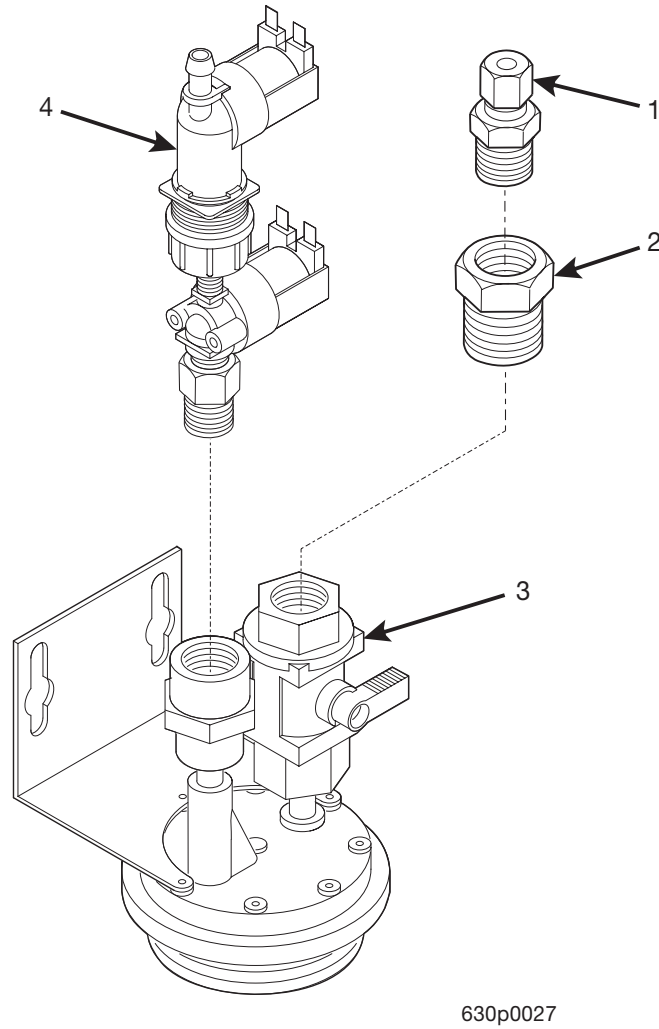
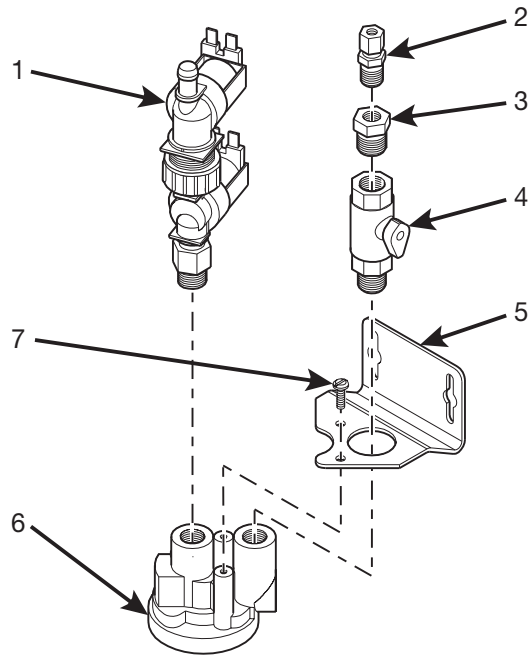


Figure 48. Filter Head Assembly - With Hydrolife Filter

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 48. FILTER HEAD ASSEMBLY - WITH CUNO FILTER

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	6408006	FILTER HEAD ASSEMBLY - 115 V	1
	6408011	FILTER HEAD ASSEMBLY - 230 V	
1	3158061	VALVE - WATER - 115 V	1
	6408008	VALVE - WATER - 230 V	
2	6408119	MALE CONNECTOR	1
3	6408117	BUSHING	1
4	6408113	BALL VALVE	1
5	6408115	BRACKET	1
6	6408114	FILTER HEAD	1
7	7207027	SCREW - #10-16 X 5/8 PHS	4

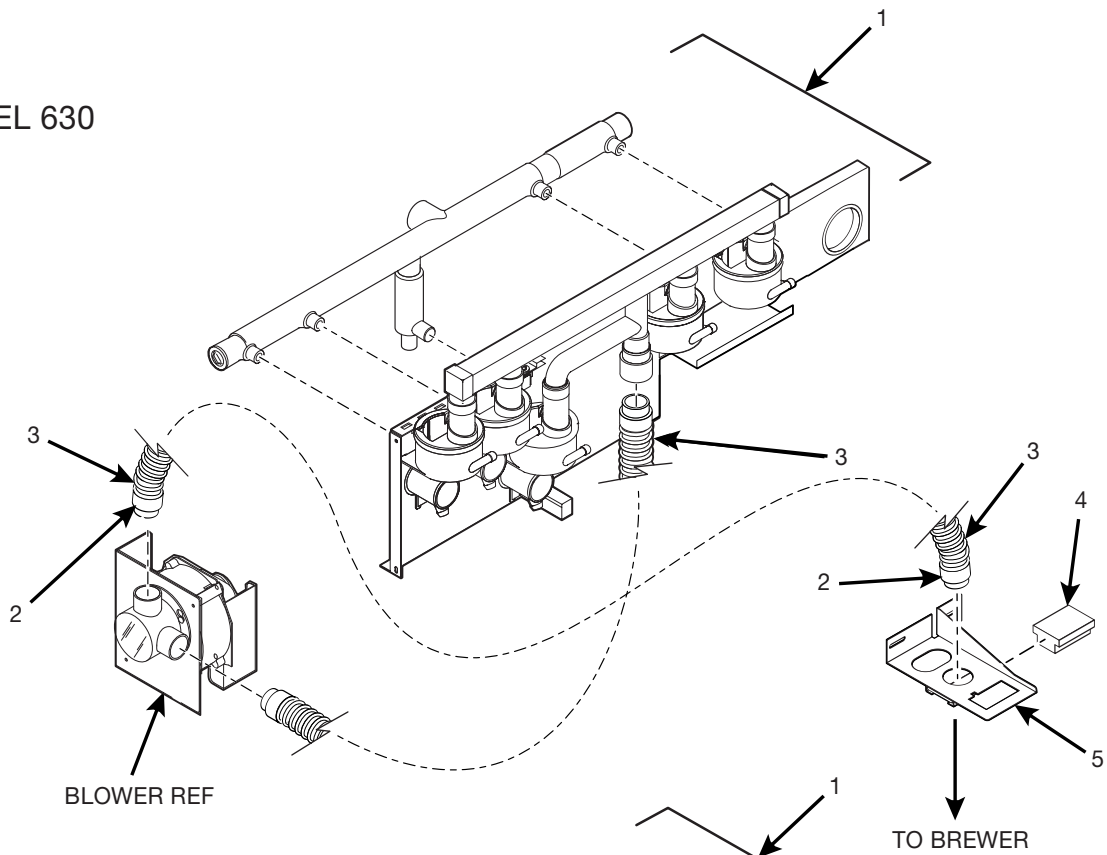


630p0028

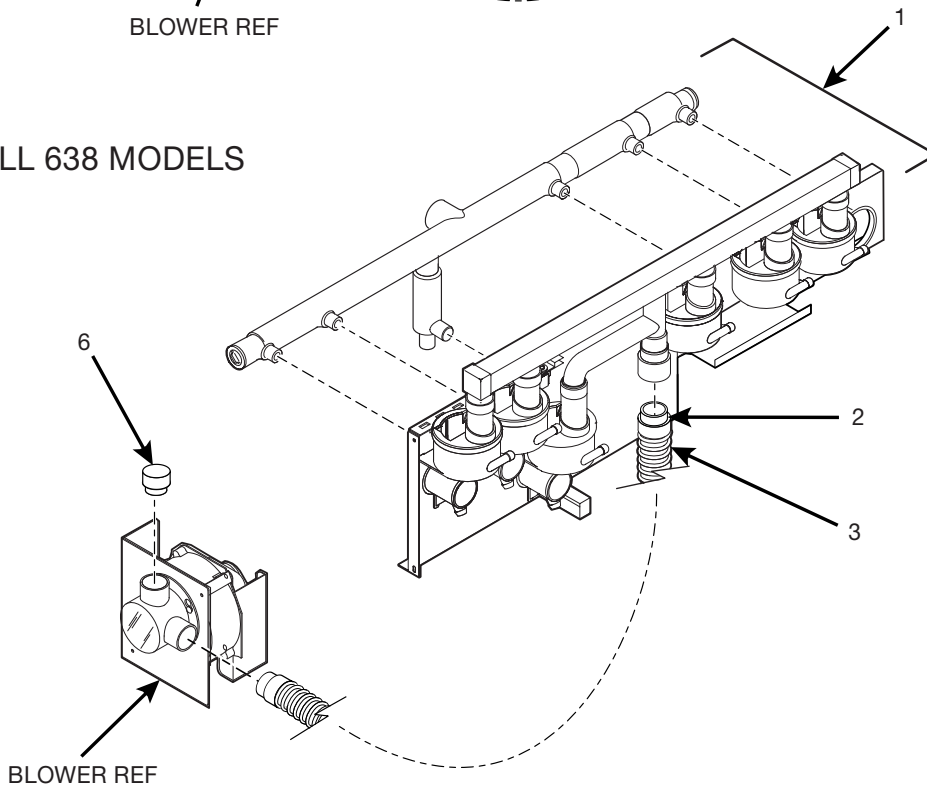
Figure 49. Filter Head Assembly - With Cuno Filter

Hot Drink Series - Models 630 / 638 - Parts Manual

MODEL 630



ALL 638 MODELS



630P0055

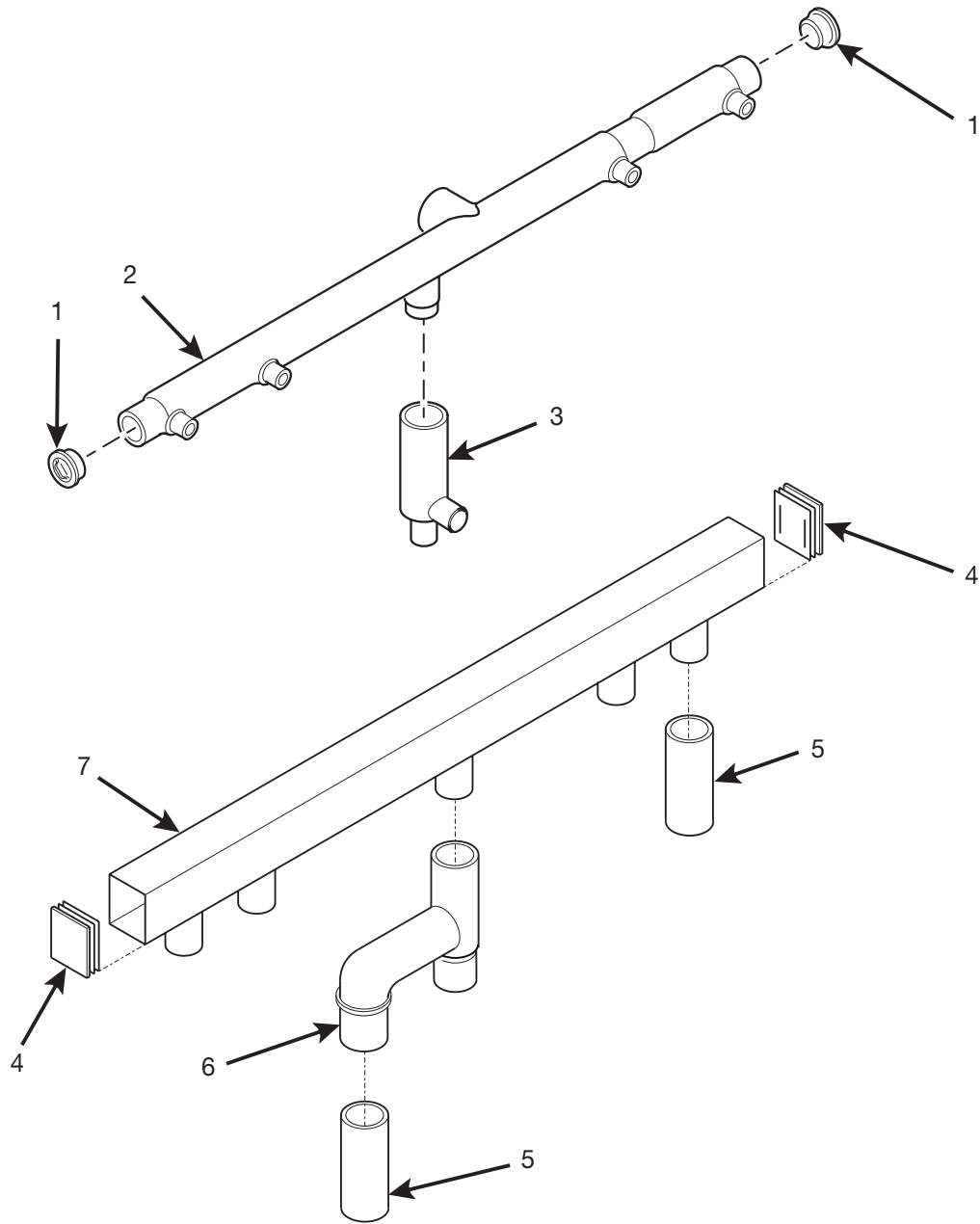
Figure 50. Mixing Bowl and Brewer Ventilation System

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 50. MIXING BOWL AND BREWER VENTILATION SYSTEM

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	-	TUBING ASSEMBLY (U.S. ONLY) (SEE FIGURE 70 FOR DETAILS)	1
	-	TUBING ASSEMBLY (LATIN AMERICA ONLY) (SEE FIGURE 70 FOR DETAILS)	
2	6137157	COUPLING - VENT HOSE	2
3	6237355	HOSE - EXHAUST	-
4	6237353	FILTER - EXHAUST CHUTE	-
5	6237352	BREWER EXHAUST LOCATOR AND BRACKET ASSEMBLY (U.S. ONLY)	-
6	6237305	VINYL CAP - 1.25 I.D.	1

Hot Drink Series - Models 630 / 638 - Parts Manual



630p0056

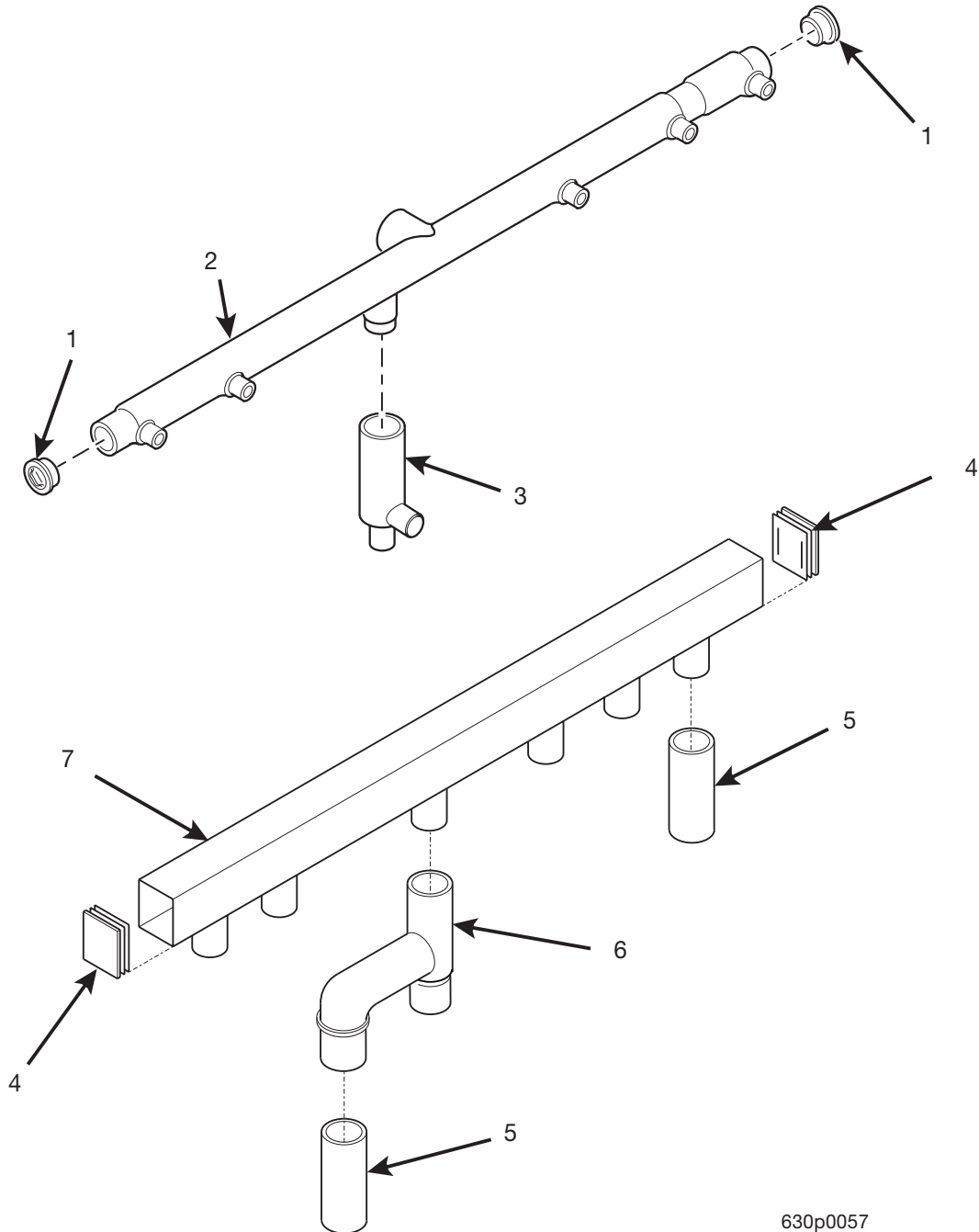
Figure 51. Vent Tubing (Model 630 Only)

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 51. VENT TUBING (MODEL 630 ONLY)

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	6267310	CAP - VINYL - 1.00 I.D. X .50 LG	2
2	6267301	VENT SHELF - F.D.	1
3	6237470	VENT EXTENSION - SUGAR/LIGHTENER	1
4	6337082	CAP - MANIFOLD	2
5	6337049	TUBE - EXTENSION - SILICONE	5
6	6337044	VENT - SUGAR/LIGHTENER ADAPTER	1
7	6367003	VENT - F.D.	1

Hot Drink Series - Models 630 / 638 - Parts Manual



630p0057

Figure 52. Vent Tubing (Model 638 Only)

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 52. VENT TUBING (MODEL 638 ONLY)

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	6267310	CAP - VINYL - 1.00 I.D. X .50 LG	2
2	6367010	VENT SHELF - F.D.	1
3	6237470	VENT EXTENSION - SUGAR/LIGHTENER	1
4	6337082	CAP - MANIFOLD	2
5	6337049	TUBE - EXTENSION - SILICONE	6
6	6337044	VENT - SUGAR/LIGHTENER ADAPTER	1
7	6367003	VENT - F.D.	1

Hot Drink Series - Models 630 / 638 - Parts Manual

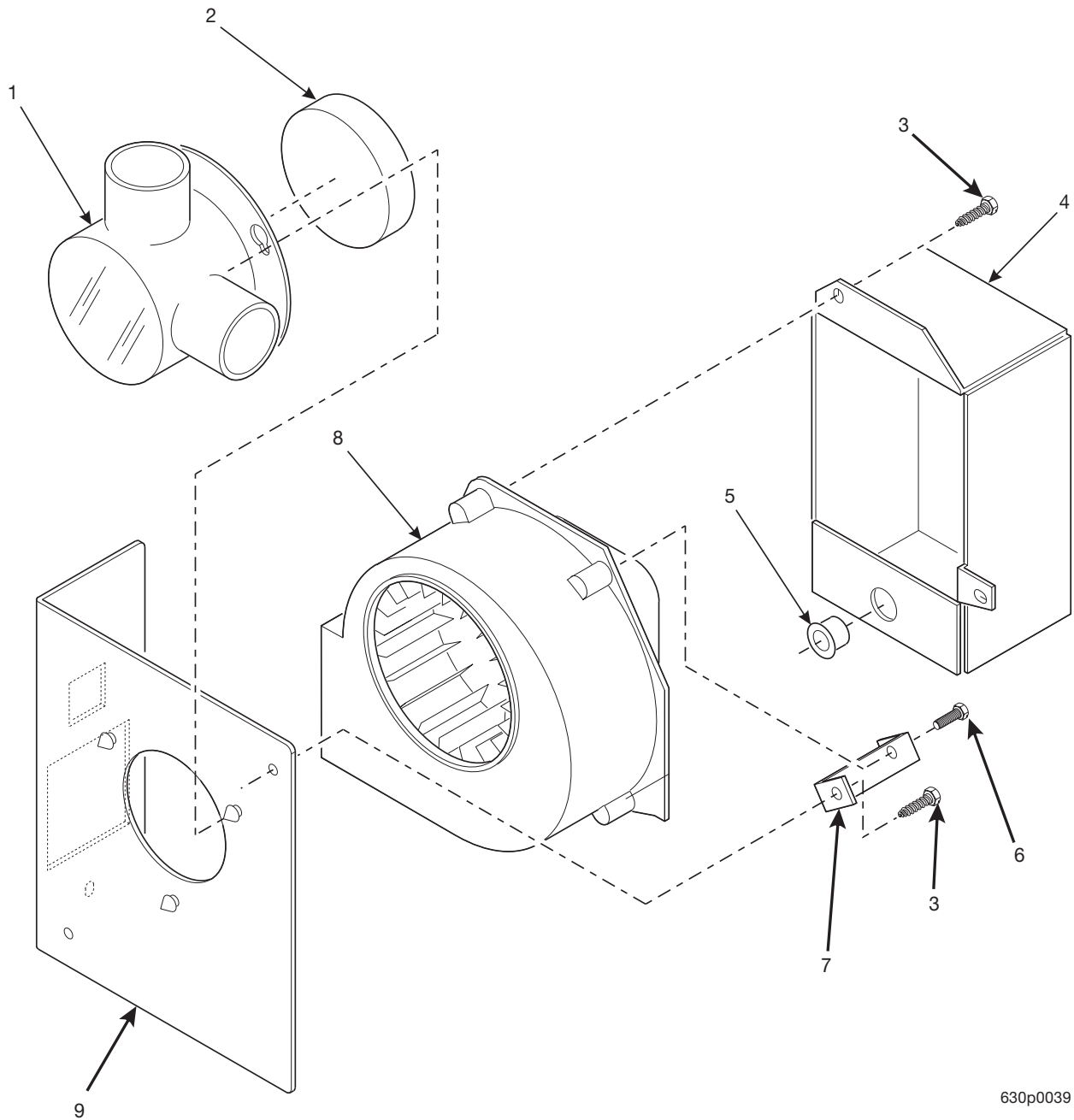


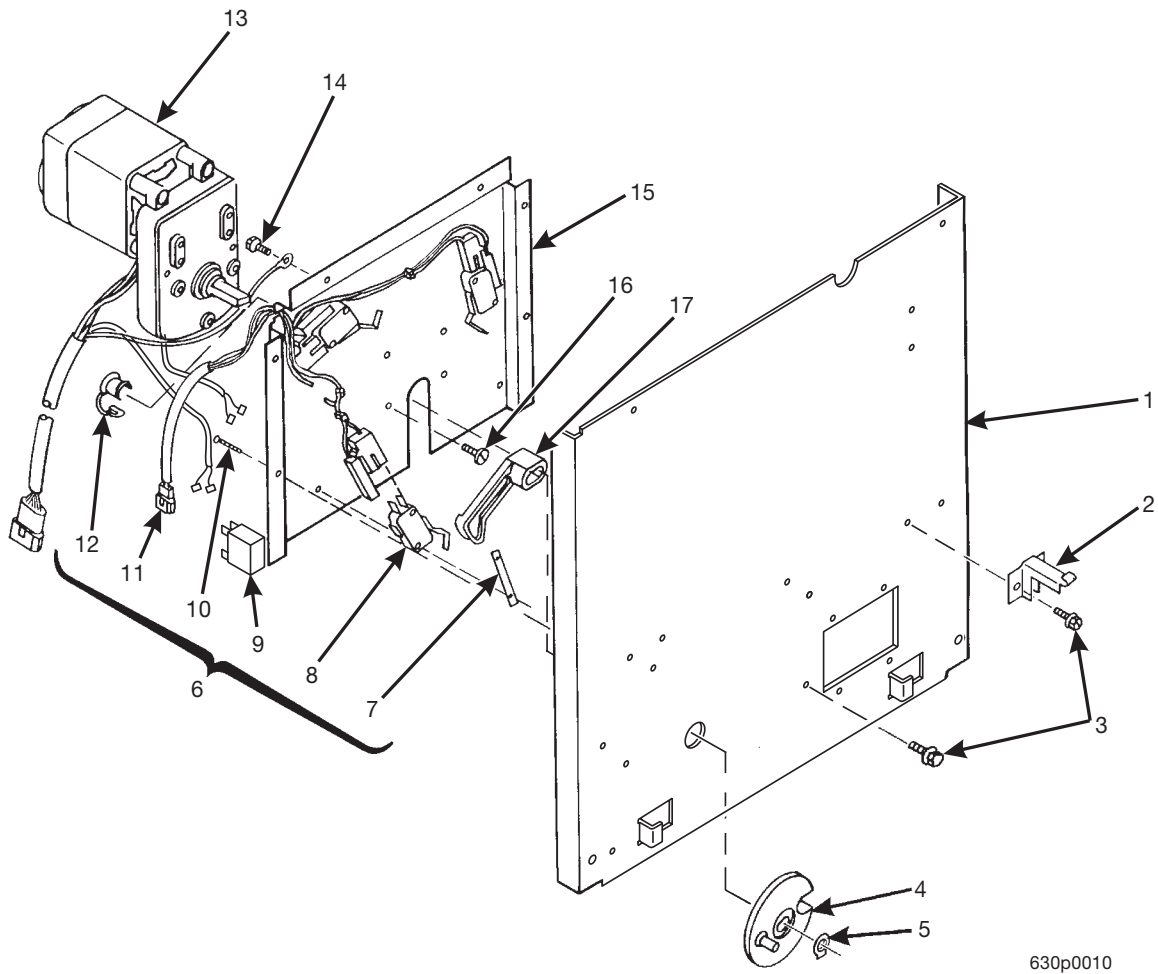
Figure 53. Bracket, Blower, and Cover Assembly

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 53. BRACKET, BLOWER, AND COVER ASSEMBLY

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	66391020301006	BRACKET, BLOWER, AND COVER ASSEMBLY - 115 V (FB)	1
	6331089	BRACKET, BLOWER, AND COVER ASSEMBLY - 115 V (FD)	
	6331090	BRACKET, BLOWER, AND COVER ASSEMBLY - 230 V (FD)	
	6391057	BRACKET, BLOWER, AND COVER ASSEMBLY - 230 V (FB)	
1	6237342	HOUSING, EXHAUST BLOWER	1
2	6237340	FILTER - EXHAUST BLOWER	1
3	1451097	SCREW - #8-32 X .31 HEX HD	7
4	6231074	GUARD - BLOWER MOTOR (FD)	1
	6391020	PLATE-COVER-BLOWER (FB)	
5	3502097	BUSHING	1
6	1437204	SCREW - #8-10 X .38 HEX HD	2
7	6231553	TIE DOWN	2
8	4312210	BLOWER ASSEMBLY - 115 V	1
	4312211	BLOWER ASSEMBLY - 230 V	
9	6231550	BRACKET	1

Hot Drink Series - Models 630 / 638 - Parts Manual



630p0010

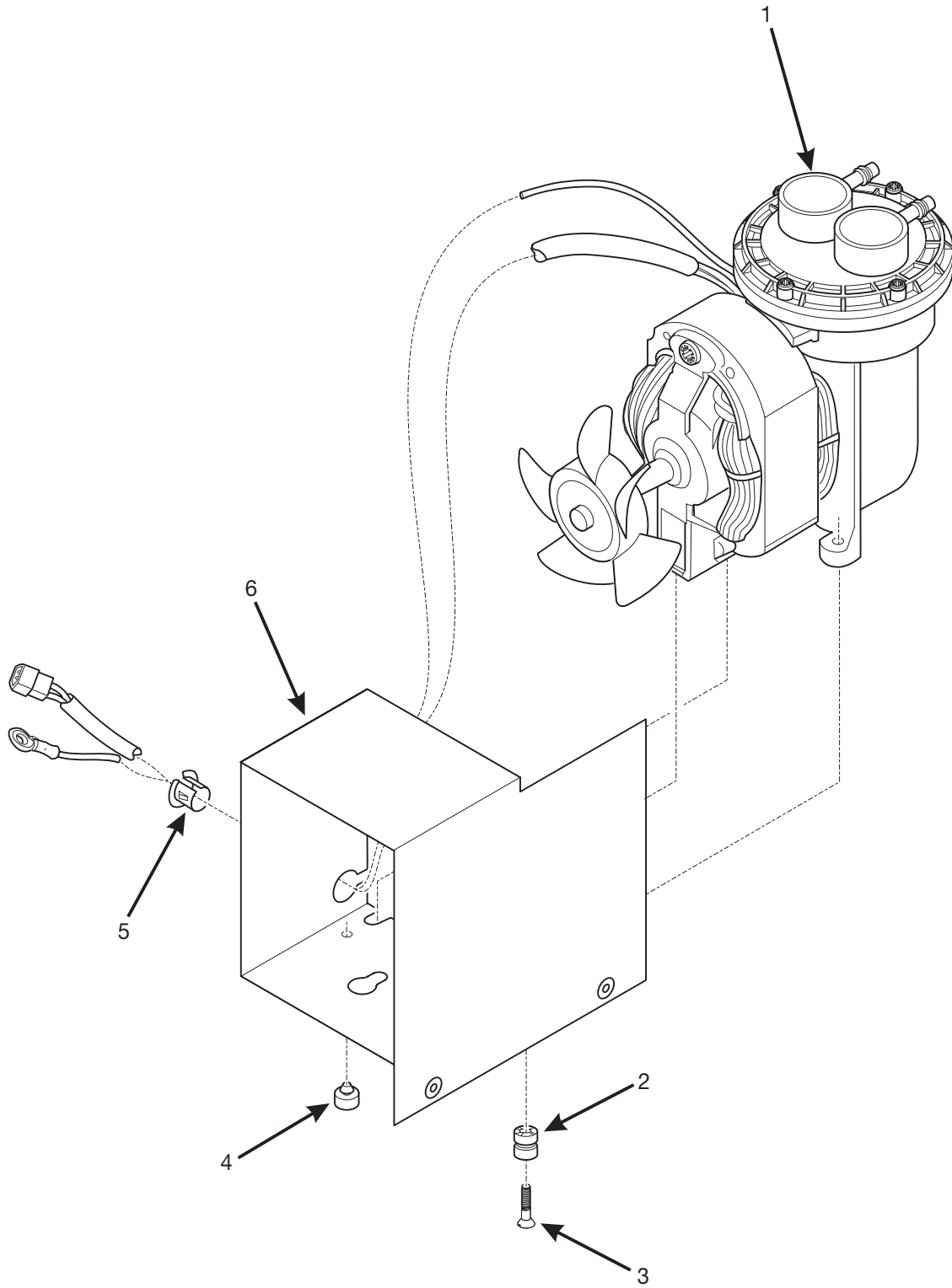
Figure 54. Brewer Drive Assembly

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 54. BREWER DRIVE ASSEMBLY

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6334005	BREWER DRIVE ASSEMBLY - 115 V	1
	6334002	BREWER DRIVE ASSEMBLY - 230 V	
1	6734012	PANEL - MOUNTING	1
2	6234294	MOUNTING BRACKET	1
3	1451097	SCREW - #8-32 X .31 HX HD	-
4	6234310	DRIVE CONNECTION - BREWER	1
5	6234303	RETAINING RING	1
6	6334001	SWITCH/MOTOR ASSEMBLY - 230 V (INCLUDES INDEX NUMBERS 1 - 5 AND 15 - 20)	1
	6334007	SWITCH/MOTOR ASSEMBLY - 115 V (INCLUDES INDEX NUMBERS 1 - 5 AND 15 - 20)	
7	1217159	NUT PLATE - #4-40 KEPS W/EXT L/WAS H ZP	1
8	6234279	SWITCH - BREWER (INCLUDES INDEX NUMBERS 15 - 20)	1
9	9988208	CAPACITOR	1
10	1217160	SCREW - #4-40 X 5/8	2
11	6239016	HARNESS - BREWER SWITCH	1
12	9985887	BUSHING - STRAIN RELIEF	1
13	6334011	MOTOR - BREWER - 230 V	1
	6334012	MOTOR - BREWER - 115 V	
14	3157060	SCREW	-
15	6334018	HOUSING	1
16	4245186	SCREW - #8-32 X 1/4 PHS	1
17	6234515	ACTUATOR - SWITCH	1

Hot Drink Series - Models 630 / 638 - Parts Manual



630p0040

Figure 55. Air Compressor Assembly

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 55. AIR COMPRESSOR ASSEMBLY

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6234357	AIR COMPRESSOR ASSEMBLY - 115 V (INCLUDES INDEX NUMBERS 2 - 7)	1
1	6234359	AIR COMPRESSOR - BREWER - 115 V	1
3	6231178	SHOULDER SCREW	3
4	6231319	BUMPER - PLUG	1
5	3502097	BUSHING #OCB-500	1
6	6231210	SUPPORT - COMPRESSOR	1
8	6237205	VIBRATION ISOLATOR - .250 DIAMETER	3

Hot Drink Series - Models 630 / 638 - Parts Manual

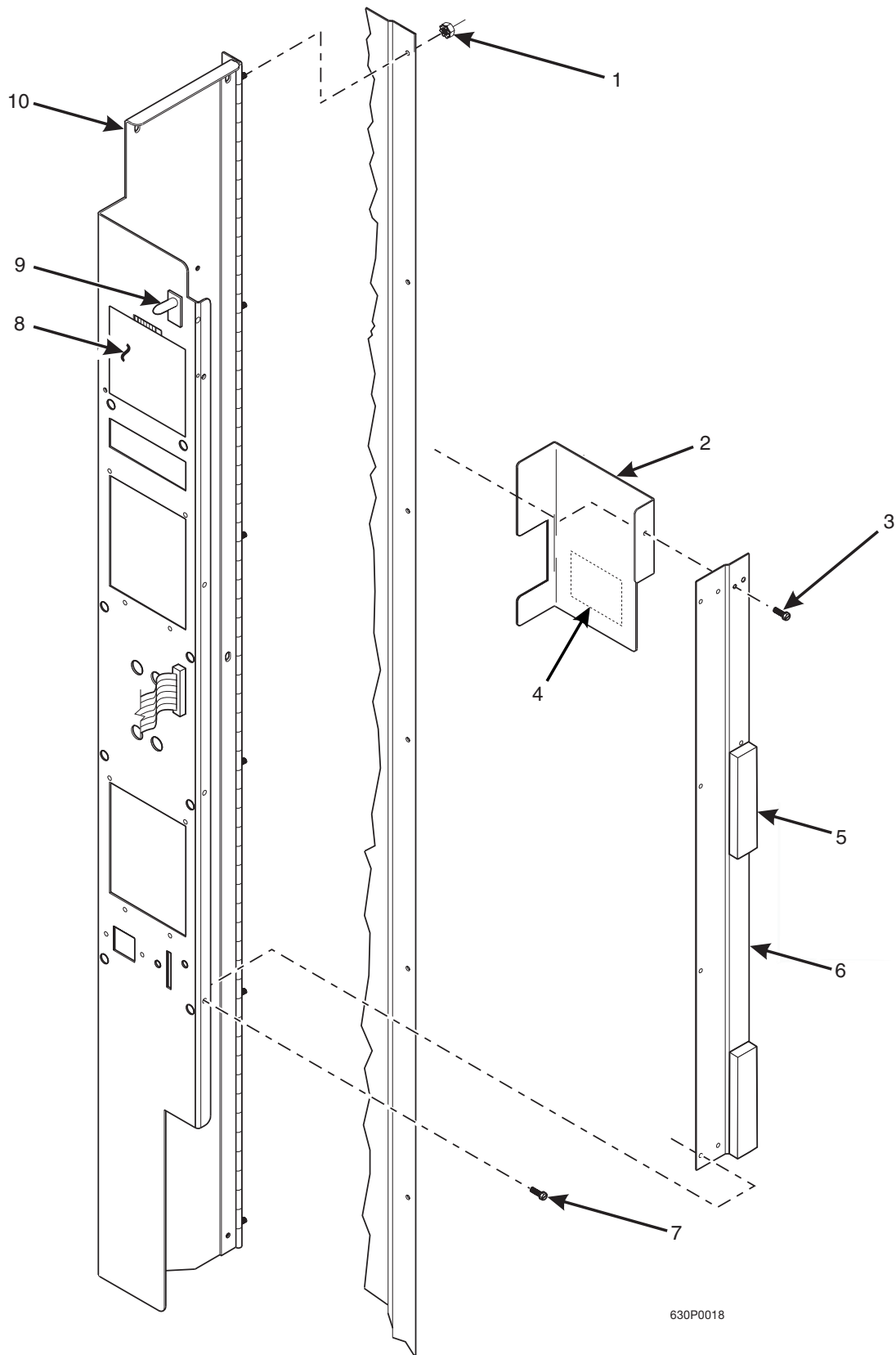


Figure 56. Monetary Panel - Part 1

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 56. MONETARY PANEL - PART 1

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	9900081	NUT - #8 X 32 X 1/4	6
2	1575029	COVER - DISPLAY	1
3	1451097	SCREW - #8-32 X .31 HEX HD	-
4	1571157	LABEL - STATIC DAMAGE	1
5	3122056	MAGNET RETAINER - COIN CHANGER	2
6	1575057	PLATE - MAGNET MOUNTING	1
7	5500026	SCREW - 8-32 X 3/8 PHS	-
8	1590033	LABEL - DATA - PRICE PAYOUT	-
9	9989594	SWITCH	1
10	1575094	WELD ASSEMBLY - PANEL - MONETARY	1

Hot Drink Series - Models 630 / 638 - Parts Manual

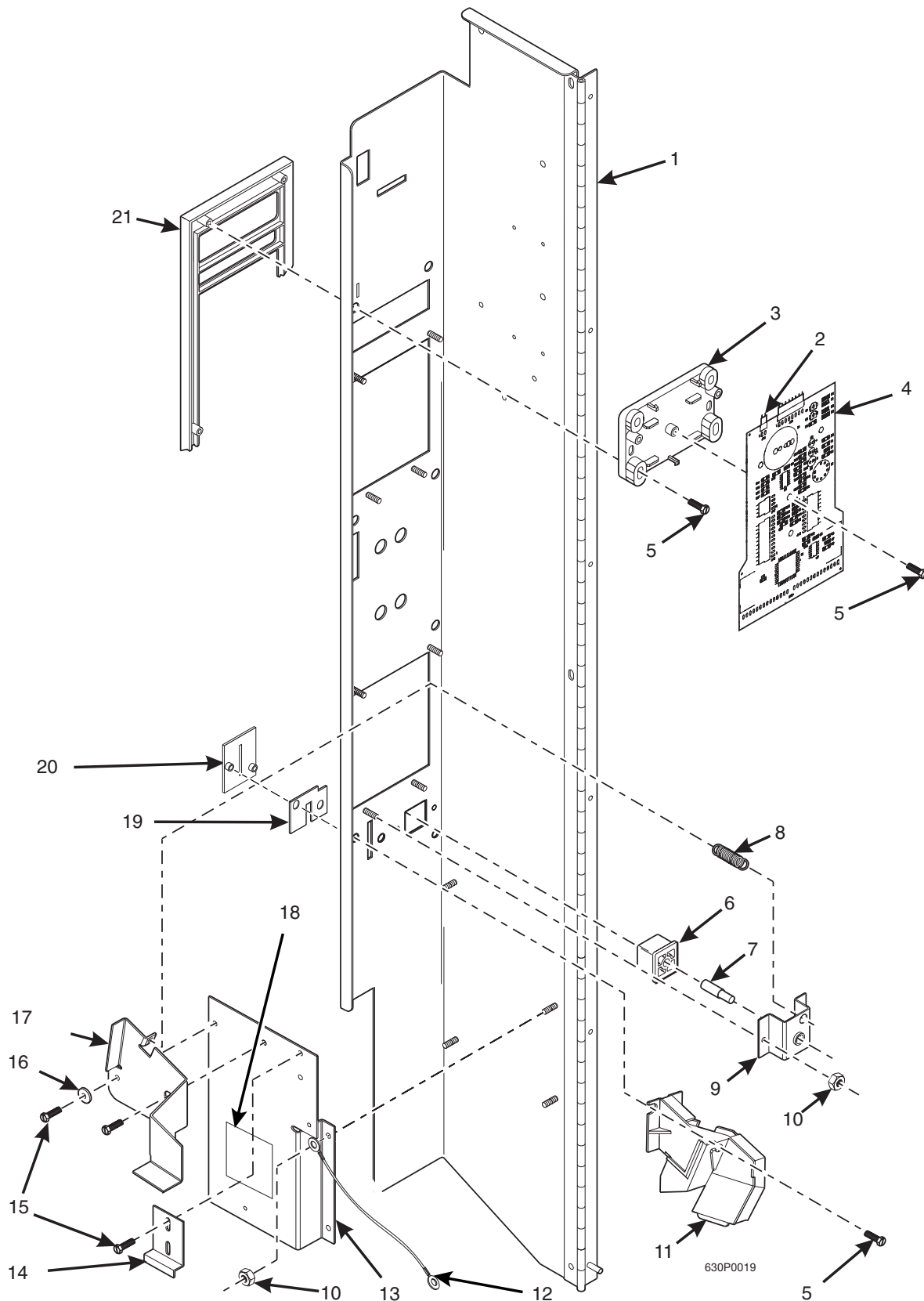


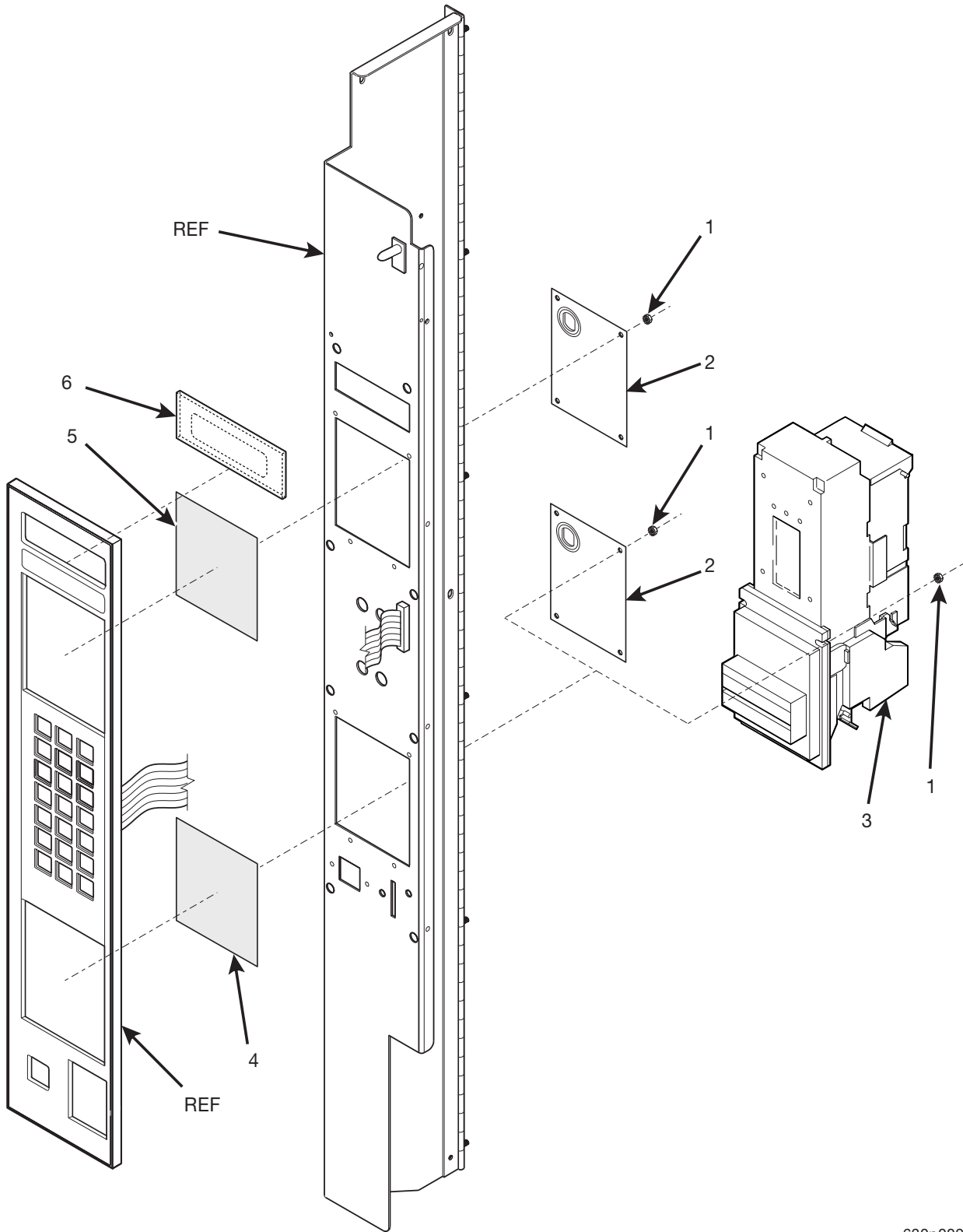
Figure 57. Monetary Panel - Part 2

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 57. MONETARY PANEL - PART 2

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	1575094	WELD ASSEMBLY - PANEL - MONETARY	REF
2	1579009	JUMPER - DOOR SWITCH	1
3	1475099	BRACKET - PCB - DISPLAY	1
4	9989685	PCB ASSEMBLY - DISPLAY	1
5	2226380	SCREW - #6 PHS	10
6	1475026	BUTTON - COIN RETURN	1
7	1475072	SHAFT - RETURN BUTTON	1
8	1127808	SPRING SHELF RESET	1
9	1571079	BRACKET - COIN RETURN BUTTON	1
10	9900081	NUT - #8-32	-
11	1575003	COIN CHUTE ASSEMBLY	1
12	1475119	JUMPER - GROUND WIRE	1
13	1571078	BRACKET ASSEMBLY - COIN MECH.	1
14	6231037	CLAMP - CABLE	1
15	1451097	SCREW - #8-32 X .31 HX HD	-
16	2204093	WASHER - SCAVENGER BAR	1
17	1571113	ARM - SCAVENGER	1
18	1570105	LABEL - COIN MECHANISM	1
19	1472222	COIN BLOCK	1
20	1472223	COIN INSERT	1
21	1595017	FACE PLATE ASSEMBLY - GPL (SEE FIGURE 59 FOR DETAILS)	1

Hot Drink Series - Models 630 / 638 - Parts Manual



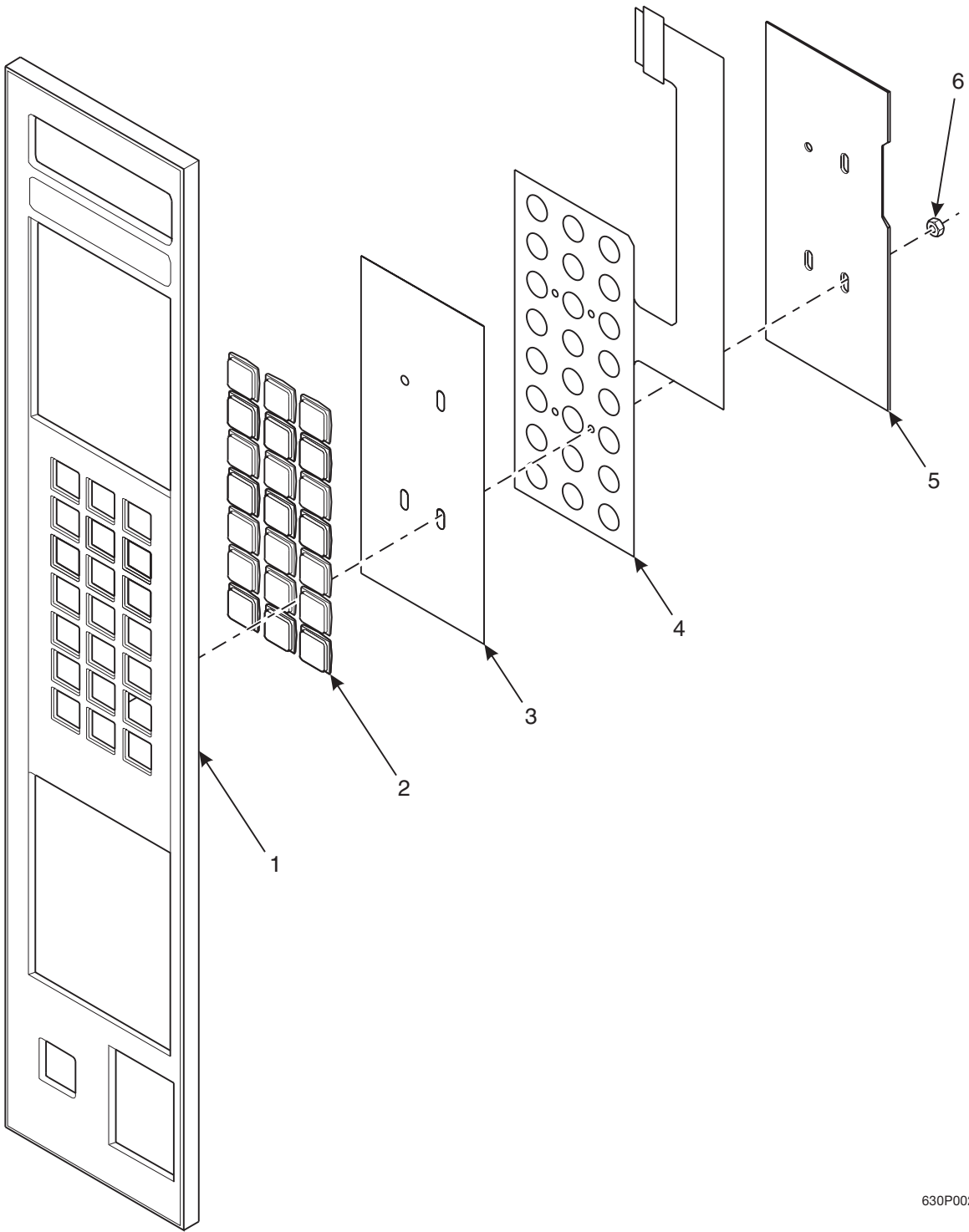
630p0020

Figure 58. Monetary Panel - Part 3

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 58. MONETARY PANEL - PART 3

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	9900081	NUT - #8-32 KEPS ZINC PLATE	8
2	1575048	PLATE - INSERT BACKING	2
3	3152391	VALIDATOR - MARS - VFM3-S1-U4C-CN5 (USED WITH HARNESS 1579028)	OPT
	3152444	VALIDATOR - MARS - FM1-S1-U4C-CNS (USED WITH HARNESS 1579005)	
	5900182	VALIDATOR - COINCO - BA30SA (USED WITH HARNESS 1579028)	
	5900182	VALIDATOR - COINCO - BA305A-MDB (USED WITH HARNESS 1579034)	
	5900193	VALIDATOR - MARS - S2000 VN2511- U5E-CN5 (USED WITH HARNESS 1579028)	
	5900198	VALIDATOR - MARS S2000 - VN 2311 U5E - 110 V (USED WITH HARNESS 1579005)	
	5900205	VALIDATOR - MARS VN2512-U5E-24V (USED WITH HARNESS 1579032 AND JUMPER 9989718)	
	5900210	VALIDATOR - MARS - VN2512-UM/500-MDB	
	5900221	VALIDATOR - COINCO - BA32SA-24V (USED WITH HARNESS 1579032 AND JUMPER 9989718)	
	5900233	VALIDATOR - CONLUX MKA 2152-12B - 120V (USED WITH HARNESS 1579028)	
	5900234	VALIDATOR - CONLUX MKA - 2162-24V-300 (USED WITH HARNESS 1579032 AND JUMPER 9989718)	
	5900234	VALIDATOR - CONLUX - 2162-24V-300 (USED WITH HARNESS 1579050)	
5900247	VALIDATOR - MARS - AE2612 - USM - MDB		
4	1575035	INSERT - INSTR - LOWER - ENGLISH	1
	1595011	INSERT - INSTR - LWR - NO VAL - NO TEXT	
	1595012	INSERT - INSTR - COINS ONLY - S/A - LOWER - GLASCO	
5	1575012	INSERT - INSTR - COINS/BILLS - U.S.	1
	1575013	INSERT - INSTR - COINS ONLY - ENGLISH	
	1575015	INSERT - INSTR - COINS - SPANISH	
	1595005	INSERT - INSTR. - COINS ONLY - S/A	
	1595007	INSERT - INSTR. - COIN & BILL - S/A	
	1595008	INSERT - INSTR. - TOKENS	
6305000	INSERT - SELECTION INSTRUCTIONS - GPL - ENGLISH		
6	1595010	LENS - DISPLAY	1



630P0021

Figure 59. Monetary Panel - Part 4

Hot Drink Series - Models 630 / 638 - Parts Manual

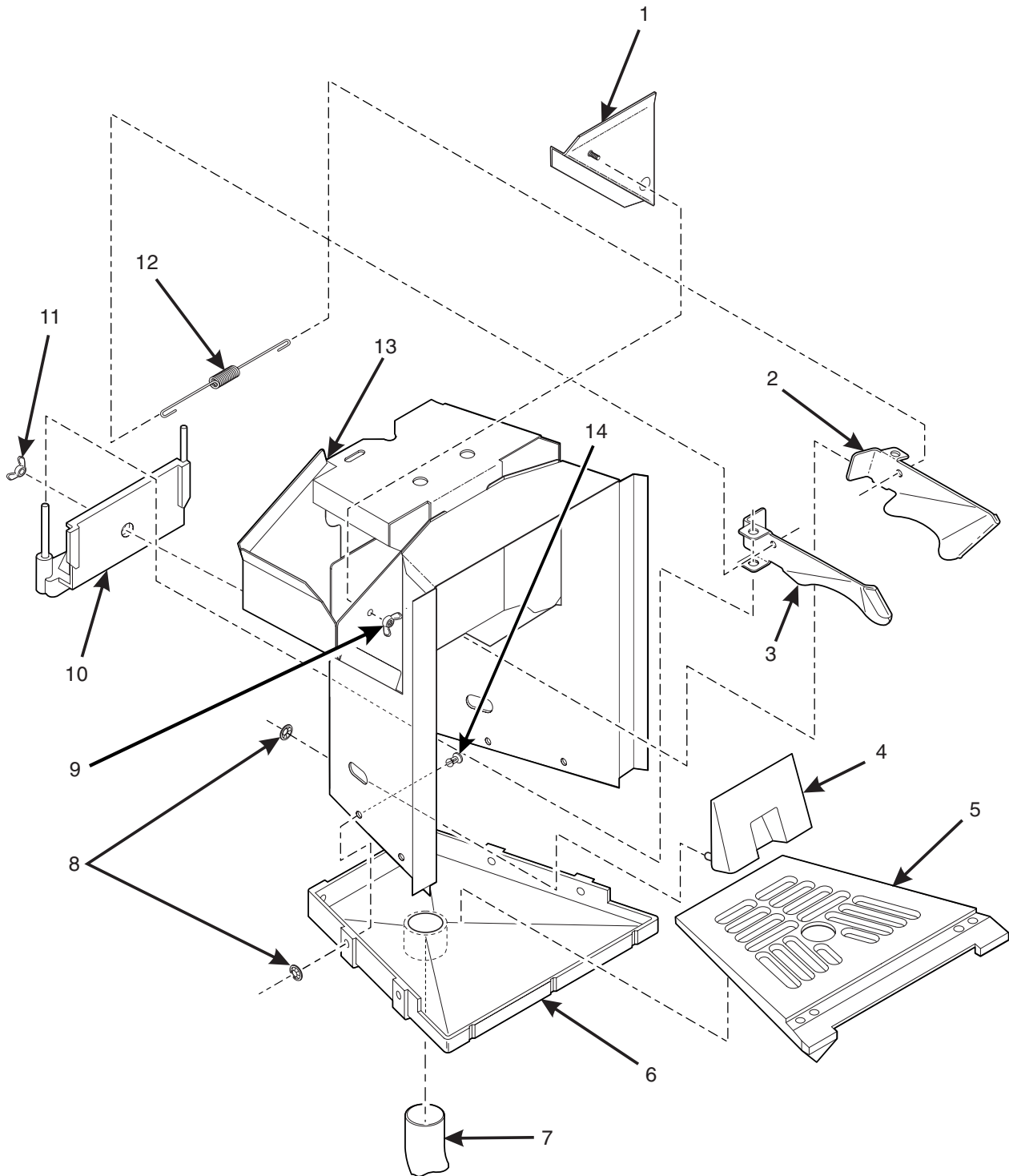
TABLE 59. MONETARY PANEL - PART 4

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	1595017	FACEPLATE ASSEMBLY - GPL	REF.
1	1595013	FRAME - MONETARY PANEL - GPL	1
2	1472251	LENS - PUSH BUTTON	21
3	1595002	LETTER SHEET - SELECT SWITCH	1
	1575010	LETTER SHEET - SELECT SWITCH (SMITH'S ONLY)	
4	9984630	MEMBRANE SWITCH ASSEMBLY - SELECT	1
5	1575091	PLATE - SELECT SWITCH - BACK UP - W/STUD	1
6	1475089	NUT - 1/8 - SELF-THREADING	4

TABLE 10 ACOIN MECHANISM OPTIONS

<i>PART NUMBER</i>	<i>DESCRIPTION</i>
5900116	MARS TRC6000 COIN UNIT
5307321	COINTRON 3000 - US COIN VAL
5900096	COINCO 9340L COIN UNIT
5900112	MARS MC5000 COIN UNIT
6400002	COIN CHANGER - MARS #TRC 6010XV
6400003	COIN CHANGER - COINCO #9302LF-24
5900094	COINCO 9300L COIN UNIT
5900213	COIN UNIT - COINCO - 9302 - GX - MDB
5900209	COIN UNIT - CONLUX - USLZ - 001 - MDB
5900214	COIN UNIT - MARS - VN 4510 - MDB
5900216	COIN UNIT - MARS - VN 4000, 110V
5900217	COIN UNIT - MARS VN 4010 XV - 24V
5900192	COIN UNIT - CONLUX USLX 00401F
5900237	COIN UNIT - CONLUX USLX - 001 120V
5900240	COIN UNIT - C.F. MDB - CUSTOMER SUPPLIED

Hot Drink Series - Models 630 / 638 - Parts Manual



630P0022

Figure 60. Cup Delivery Assembly

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 60. CUP DELIVERY ASSEMBLY

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6261420	CUP DELIVERY ASSEMBLY (INCLUDES INDEX NUMBERS 2 - 13)	1
1	6231438	CUP DEFLECTOR - R.H.	1
2	6231439	CUP DEFLECTOR - L.H.	1
3	6231443	CUP SPACER/SENSOR LENS	1
4	6231432	DRAIN TRAY - CUP DELIVERY COMPARTMENT	1
5	6231489	BASE - CUP DELIVERY STATION	1
6	6231430	TUBE - DRAIN	1
7	6231431	RETAINER - .188 - CUP DELIVERY1	10
8	6231488	MOUNTING ASSEMBLY - CUP DETECTOR	1
9	3103133	WING NUT #8-32 STAINLESS	1
10	6231495	SPRING - CUP DEFLECTOR	1
11	6261421	WELD ASSEMBLY - CUP DELIVERY	1
12	6231492	PUSH-IN FASTENER - CUP DELIVERY	6

Hot Drink Series - Models 630 / 638 - Parts Manual

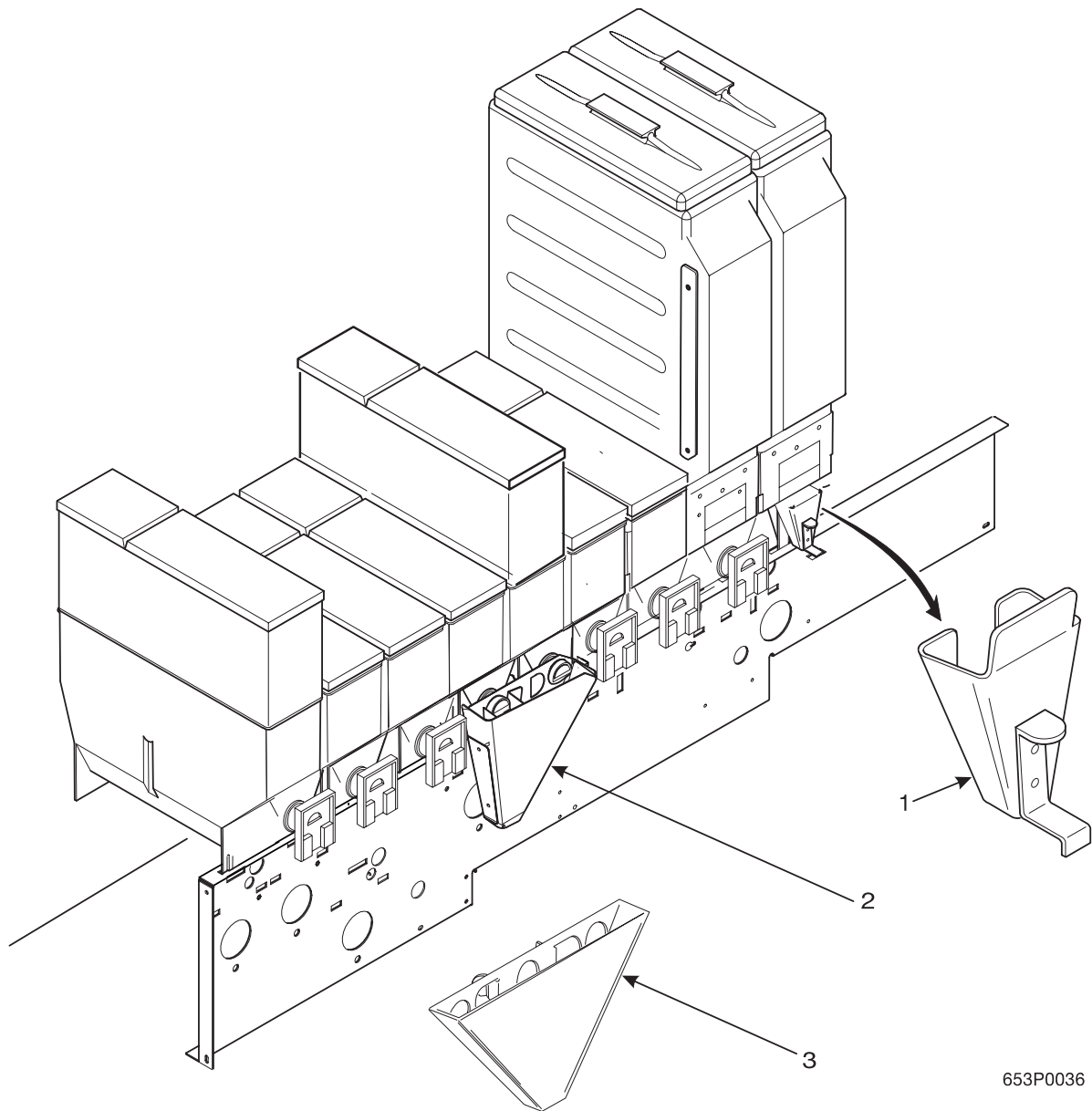


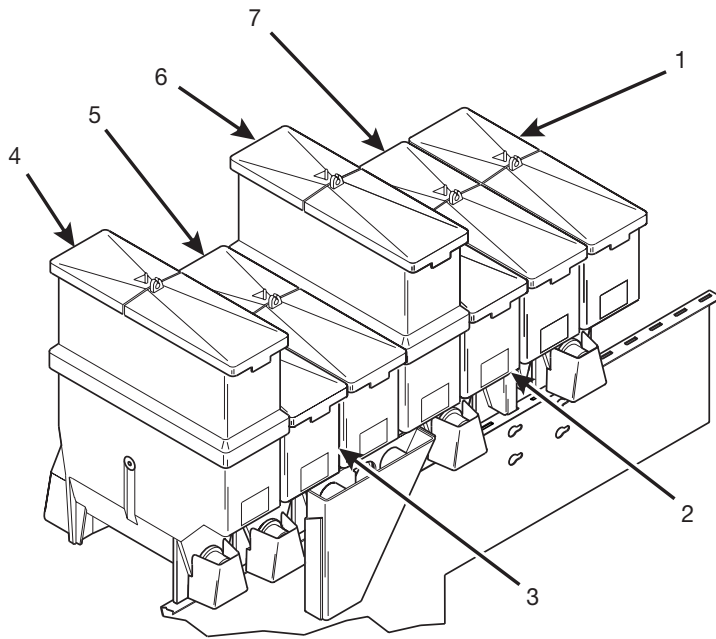
Figure 61. Product/Condiment Chutes

Hot Drink Series - Models 630 / 638 - Parts Manual

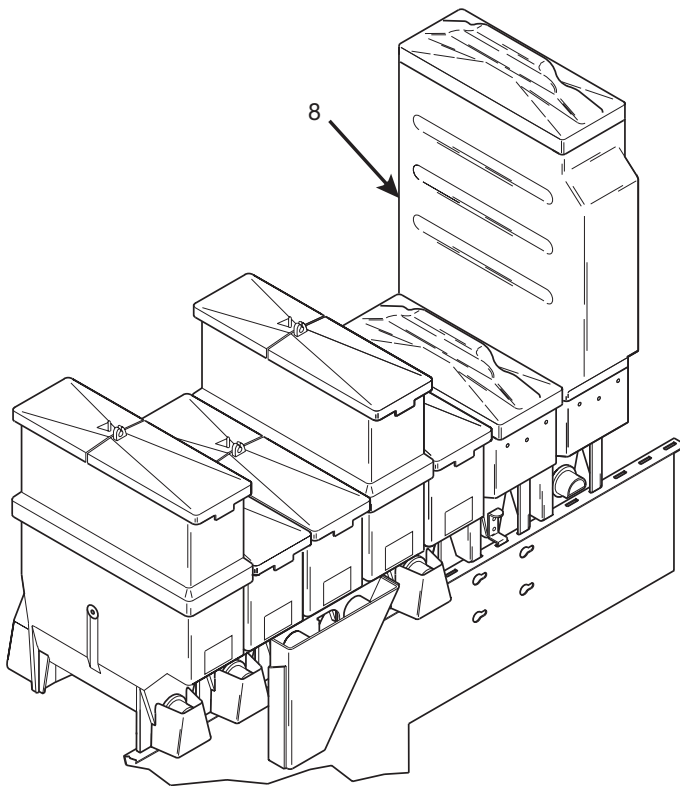
TABLE 61. PRODUCT/CONDIMENT CHUTES

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	6367018	CHUTE ASSEMBLY - 2 INGREDIENT	5
2	6237287	CHUTE ASSEMBLY - SINGLE/DUAL PRODUCT - RH	1
3	6237241	CHUTE ASSEMBLY - PREGROUND COFFEE (MODEL 630 ONLY)	1

Hot Drink Series - Models 630 / 638 - Parts Manual



638 MODEL



630 MODEL

630p0058

Figure 62. Product and Condiment Canisters

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 62. PRODUCT AND CONDIMENT CANISTERS

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	6537022	CANISTER ASSEMBLY - FREEZE DRIED COFFEE (SEE FIGURE 67 FOR DETAILS)	OPT.
2	6537022	CANISTER ASSEMBLY - TEA (SEE FIGURE 67 FOR DETAILS)	1
3	6537024	CANISTER ASSEMBLY - OPTIONAL PRODUCT (SEE FIGURE 64 FOR DETAILS)	1
4	6537023	CANISTER ASSEMBLY - CHOCOLATE (SEE FIGURE 63 FOR DETAILS)	1
5	6237446	CANISTER ASSEMBLY - LIGHTENER (SEE FIGURE 65 FOR DETAILS)	
6	6537025	CANISTER ASSEMBLY - SUGAR (SEE FIGURE 66 FOR DETAILS)	1
7	6237448	CANISTER ASSEMBLY - DECAF COFFEE (SEE FIGURE 64 FOR DETAILS)	1
8	6237434	CANISTER ASSEMBLY - FRESH BREW COFFEE (SEE FIGURE 68 FOR DETAILS)	OPT.

Hot Drink Series - Models 630 / 638 - Parts Manual

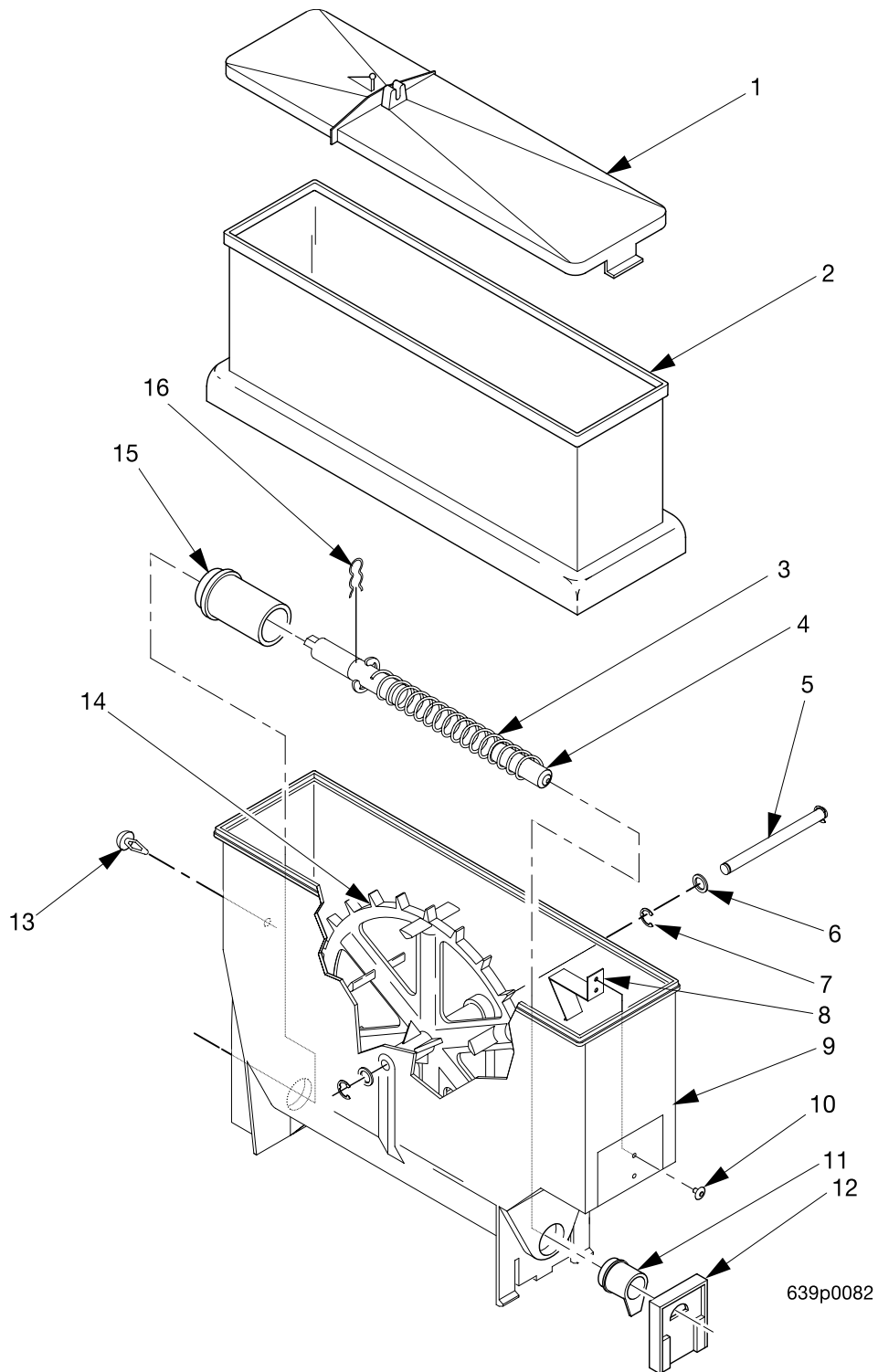


Figure 63. Canister Assembly - Chocolate

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 63. CANISTER ASSEMBLY - CHOCOLATE

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6537023	CANISTER ASSEMBLY - CHOCOLATE	-
1	6237023	LID - CANISTER	1
2	6237439	SLEEVE - CANISTER	1
3	6537018	AUGER AND SHAFT ASSEMBLY (INCLUDES THE NEXT 3 ITEMS)	1
-	6237025	RETAINING RING-"E"-.500	1
4	6537021	PLUG - AUGER	1
5	6237167	SHAFT - CANISTER	1
6	6237116	WASHER - SEAL - WEAR PLATE	2
7	9900415	RETAINING RING REINF E TYP.1	2
8	6237108	SPRING - THUMPER	1
9	6237177	BASE - CANISTER - THUMPER	1
10	6537026	ALUMINUM CAP RIVET-.187 DIA	2
11	6537014	NOZZLE - DISPENSING - F.D. COFFEE	1
12	6537013	GATE - NOZZLE - PLASTIC	1
13	6237053	FASTENER - PUSH IN	1
14	6237181	MIXING WHEEL	1
15	6237014	BEARING - CANISTER	1
16	6337020	CLIP - SPRING	1

Hot Drink Series - Models 630 / 638 - Parts Manual

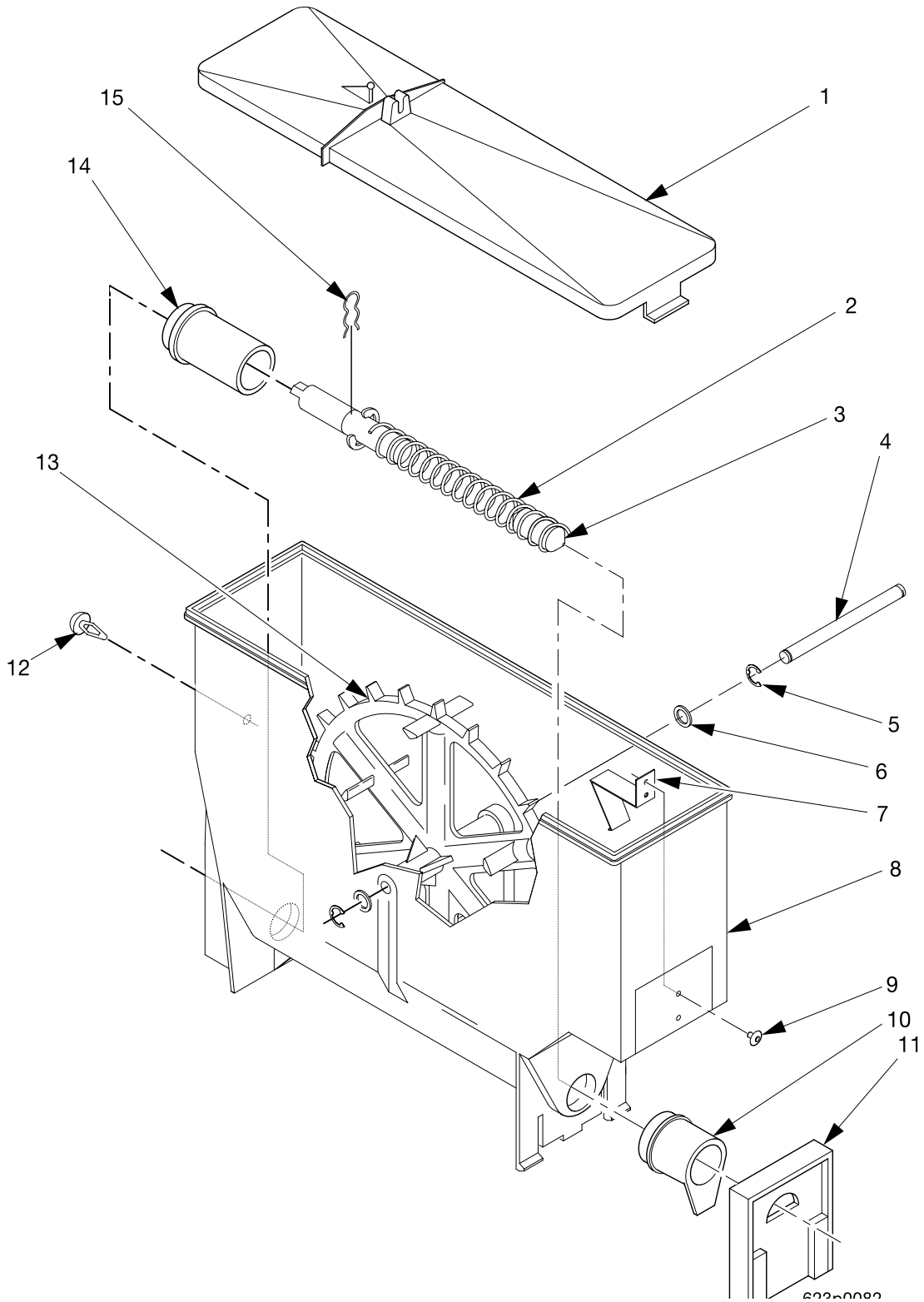


Figure 64. Canister Assembly - Optional Product or Decaf

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 64. CANISTER ASSEMBLY - OPTIONAL PRODUCT OR DECAF

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6537024	CANISTER ASSEMBLY - SOUP/6TH PRODUCT	-
1	6237023	LID - CANISTER	1
2	6537018	AUGER AND SHAFT ASSEMBLY (INCLUDES THE NEXT 3 ITEMS)	1
-	6537017	AUGER-CANISTER	1
-	6237025	RETAINING RING-"E"-.500	1
-	6337016	SHAFT-AUGER-LONG	1
3	6537021	PLUG - AUGER	1
4	6237167	SHAFT - CANISTER	1
5	9900415	RETAINING RING REINF E TYP.1	2
6	6237116	WASHER - SEAL - WEAR PLATE	2
7	6237108	SPRING - THUMPER	1
8	6237177	BASE - CANISTER - THUMPER	1
9	6537026	ALUMINUM CAP RIVET - .187 DIA	2
10	6537014	NOZZLE - DISPENSING - CANISTER	1
11	6537013	GATE - NOZZLE - PLASTIC	1
12	6237053	FASTENER - PUSH IN	1
13	6237181	MIXING WHEEL	1
14	6237014	BEARING - CANISTER	1
15	6337020	CLIP - SPRING	1

Hot Drink Series - Models 630 / 638 - Parts Manual

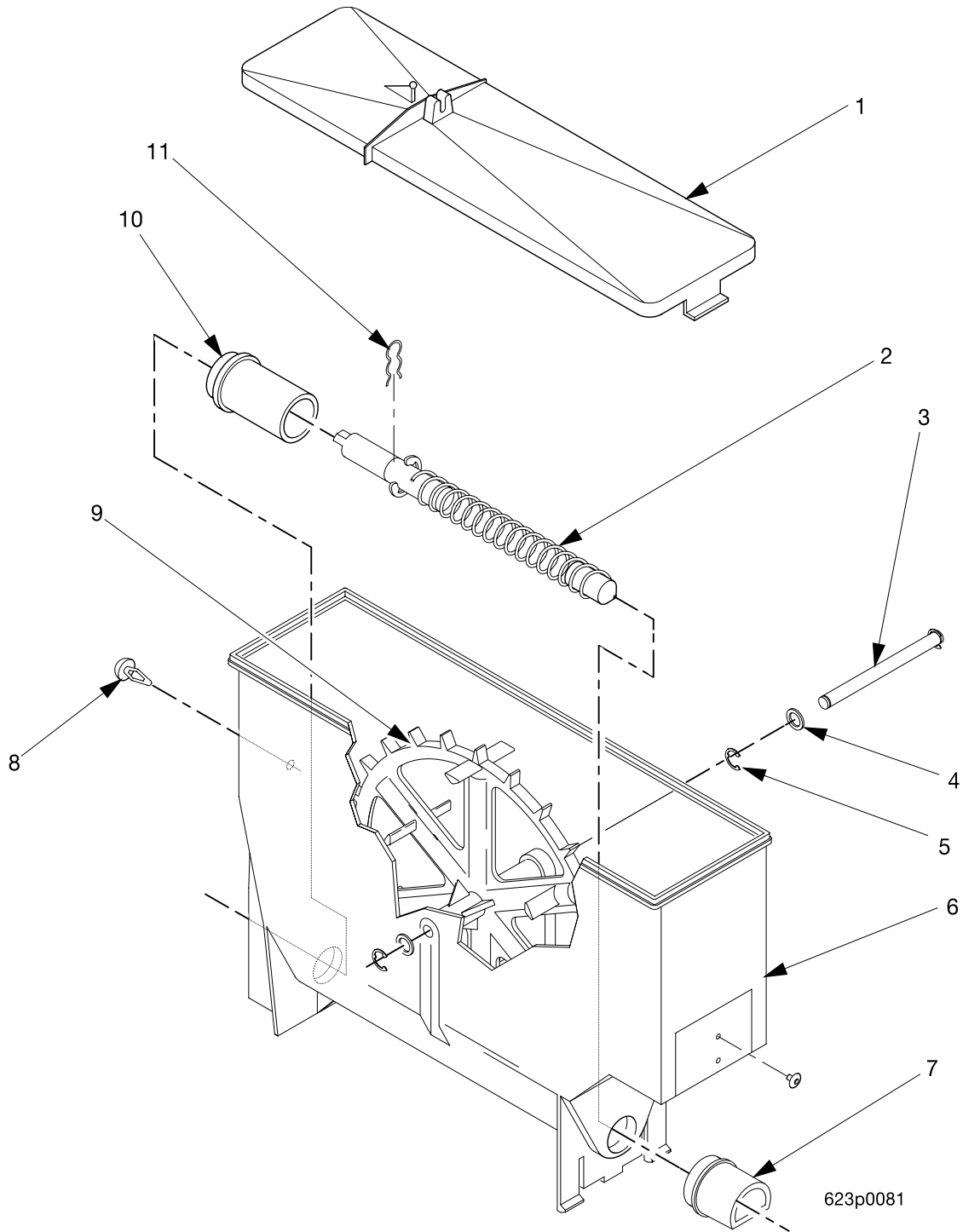


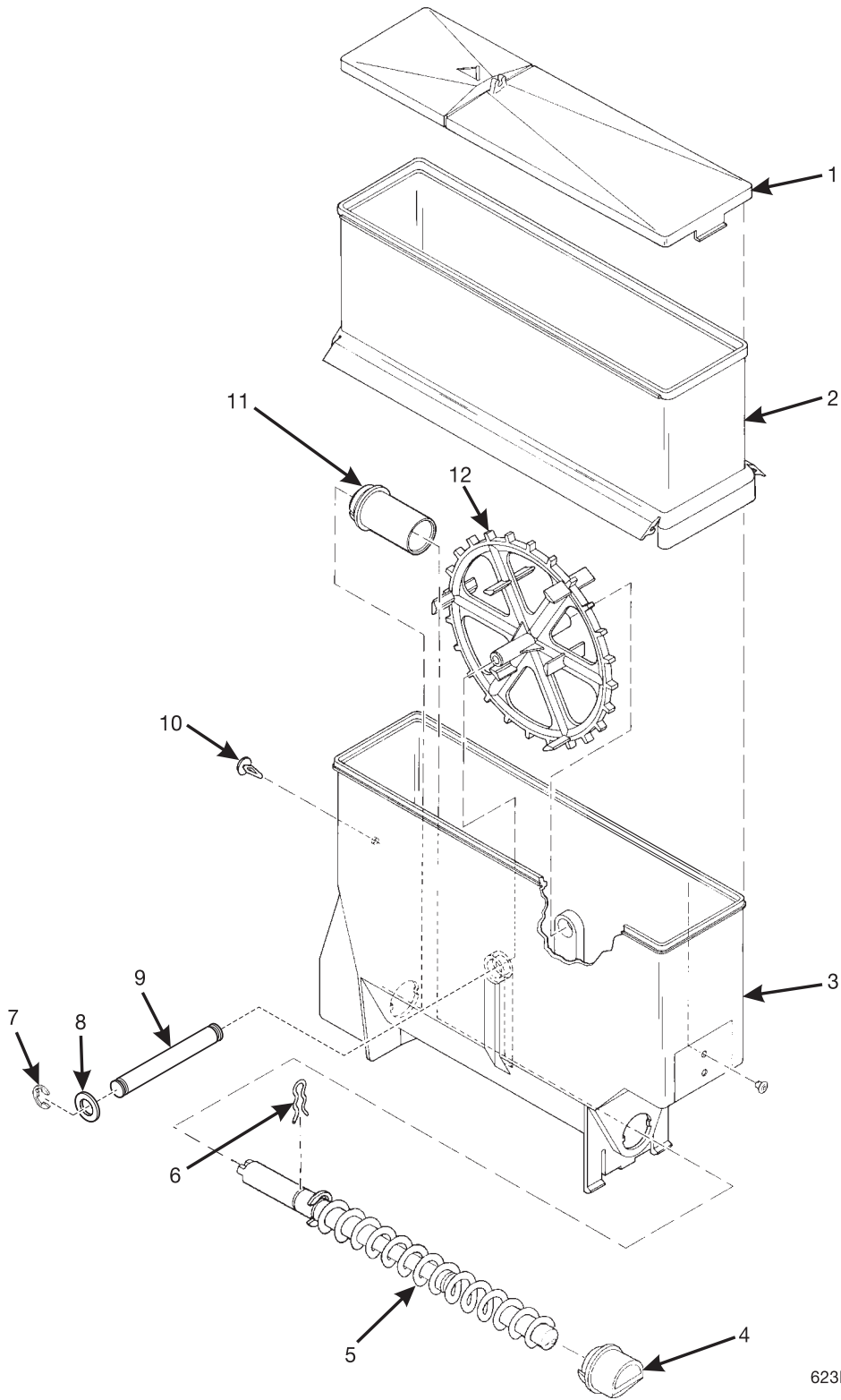
Figure 65. Canister Assembly - Lightener

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 65. CANISTER ASSEMBLY - LIGHTENER

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6237446	CANISTER ASSEMBLY - LIGHTENER	-
1	6237023	LID - CANISTER	1
2	6237180	PLUG AND AUGER ASSEMBLY (INCLUDES THE NEXT 2 ITEMS)	1
-	6237046	PLUG - AUGER	1
-	6237179	AUGER ASSEMBLY	1
3	6237167	SHAFT - CANISTER	1
4	6237116	WASHER - SEAL - WEAR PLATE	2
5	9900415	RETAINING RING REINF E TYP.1	2
6	6237176	BASE - CANISTER	1
7	6237106	NOZZLE - DISPENSING - CANISTER	1
8	6237053	FASTENER - PUSH IN	1
9	6237181	MIXING WHEEL	1
10	6237014	BEARING - CANISTER	1
11	6337020	CLIP - SPRING	1

Hot Drink Series - Models 630 / 638 - Parts Manual



623P0079

Figure 66. Canister Assembly - Sugar

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 66. CANISTER ASSEMBLY - SUGAR

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6537025	CANISTER ASSEMBLY - 1 SLV - W/MIXING	-
1	6237023	LID - CANISTER	1
2	6237008	SLEEVE - CANISTER 4 IN	1
3	6237176	BASE - CANISTER	1
4	6237063	NOZZLE - DISPENSING - CANISTER	1
5	6537018	AUGER AND SHAFT ASSEMBLY (INCLUDES THE NEXT 3 ITEMS)	1
-	6537017	AUGER-CANISTER	1
-	6237025	RETAINING RING-"E"-.500	1
-	6337016	SHAFT-AUGER-LONG	1
6	6337020	CLIP - SPRING	1
7	9900415	RETAINING RING REINF E TYP.1	2
8	6237116	WASHER - SEAL - WEAR PLATE	2
9	6237167	SHAFT - CANISTER	1
10	6237053	FASTENER - PUSH IN	1
11	6237014	BEARING - CANISTER	1
12	6237181	MIXING WHEEL	1

Hot Drink Series - Models 630 / 638 - Parts Manual

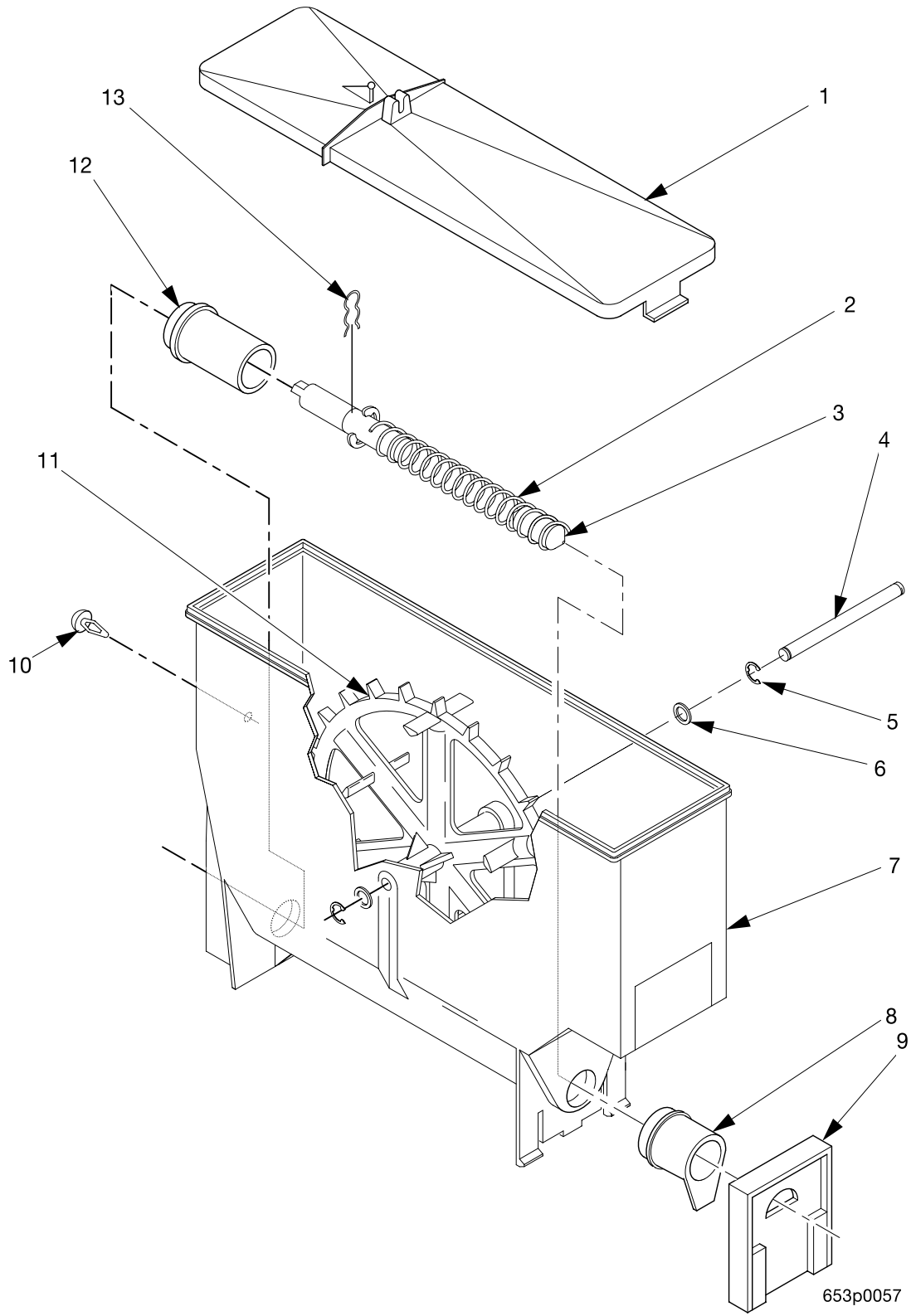


Figure 67. Canister Assembly - Freeze Dry Coffee

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 67. CANISTER ASSEMBLY - FREEZE DRY COFFEE

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6537022	CANISTER ASSEMBLY - FREEZE DRY COFFEE	-
1	6237023	LID - CANISTER	1
2	6537018	AUGER AND SHAFT ASSEMBLY (INCLUDES THE NEXT 3 ITEMS)	1
3	6537021	PLUG - AUGER	1
4	6237167	SHAFT - CANISTER	1
5	9900415	RETAINING RING REINF TYP.1	2
6	6237116	WASHER - SEAL - WEAR PLATE	2
7	6237176	BASE - CANISTER	1
8	6537014	NOZZLE - DISPENSING - CANISTER	1
9	6537013	GATE - NOZZLE - PLASTIC	1
10	6237053	FASTENER - PUSH IN	1
11	6237181	MIXING WHEEL	1
12	6237014	BEARING - CANISTER	1
13	6337020	CLIP - SPRING	1

Hot Drink Series - Models 630 / 638 - Parts Manual

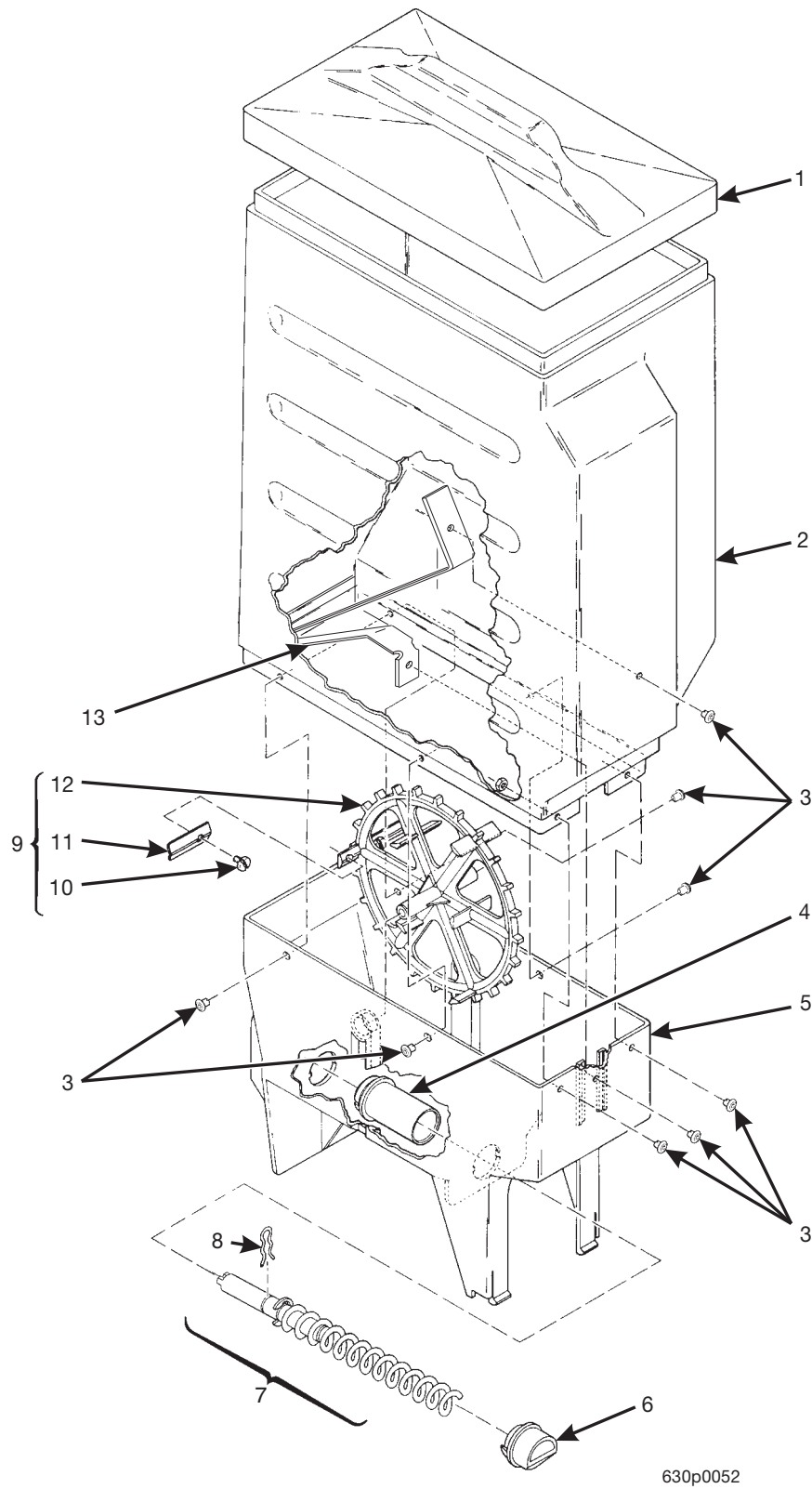
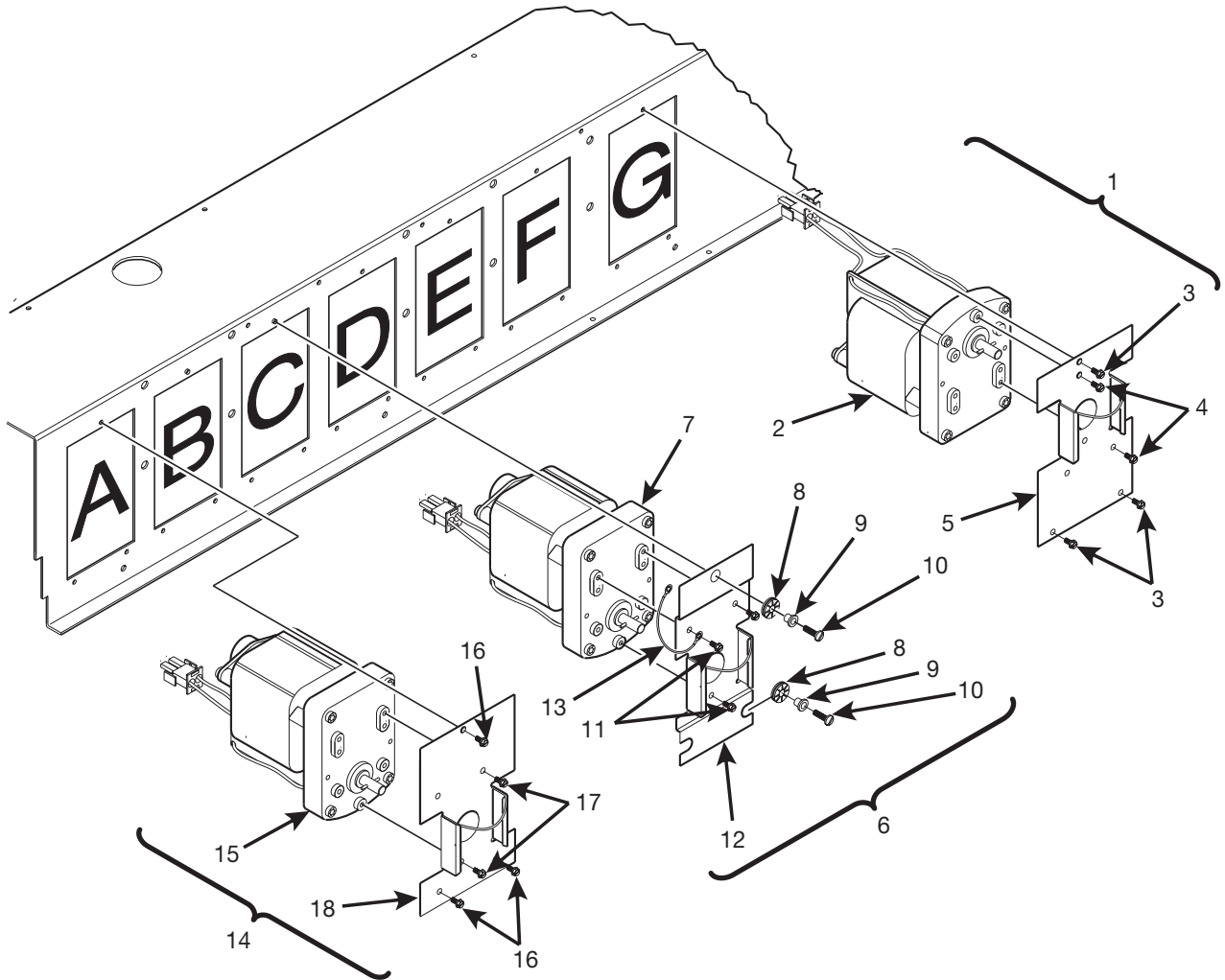


Figure 68. Canister Assembly - Fresh Brew Coffee

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 68. CANISTER ASSEMBLY - FRESH BREW COFFEE

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	6237434	CANISTER ASSEMBLY - COFFEE - FRESH BREW	-
1	6237066	LID - CANISTER	1
2	6337024	SLEEVE - CANISTER	1
3	6237019	ALUMINUM "POP" RIVETS - .187 DIA	12
4	6237014	BEARING - CANISTER	1
5	6337021	CANISTER BASE	1
6	6237063	NOZZLE - DISPENSING - CANISTER	1
7	6237095	AUGER AND SHAFT ASSEMBLY	1
8	6337020	CLIP - SPRING	1
9	6337030	MIXING WHEEL ASSEMBLY (INCLUDES INDEX NUMBERS 10 -12)	1
10	6537026	ALUMINUM CAP RIVET-.187 DIA	2
11	6337087	EXTENSION - WHEEL - F.B. COFFEE	2
12	6337086	MIXING WHEEL - F.B. COFFEE	1
13	6237020	SPRING - GROUND COFFEE	1



630p0053

Figure 69. Canister Motor and Plate Assemblies

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 69. CANISTER MOTOR AND PLATE ASSEMBLIES

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1	6237438	MOTOR AND PLATE ASSEMBLY - 115 V (FRESH BREW COFFEE) (INCLUDES INDEX NUMBERS 2 - 5)	1
2	6237165	MOTOR - 115 V - 200 RPM	1
3	1451097	SCREW - #8-32 X .31 HEX HD	3
4	9900157	SCREW - #8-32 X 7/32 HWHD TY23	3
5	6237077	PLATE ASSEMBLY - MOUNTING	1
6	6237184	MOTOR AND PLATE ASSEMBLY - 115 V (LIGHTENER) (INCLUDES INDEX NUMBERS 7 - 12)	1
	6337004	MOTOR AND PLATE ASSEMBLY - 230 V (LIGHTENER) (INCLUDES INDEX NUMBERS 7 - 12)	
7	6237165	MOTOR - 115 V - 200 RPM	1
	6407000	MOTOR - 230 V - 167 RPM	
8	6237356	VIBRATION ISOLATOR	1
9	6237170	BUSHING - CANISTER	3
10	9900157	SCREW - #8-32 X 7/32 HWD	3
11	3102447	SCREW - 8-32 X 3/4 PHS	3
12	6237172	PLATE ASSEMBLY	1
13	1475119	JUMPER - GROUND WIRE	1
14	6237437	MOTOR AND PLATE ASSEMBLY - 115 V (TEA) (INCLUDES INDEX NUMBERS 15 - 18)	-
	6337001	MOTOR AND PLATE ASSEMBLY - 230 V (TEA) (INCLUDES INDEX NUMBERS 15 - 18)	
	6237436	MOTOR AND PLATE ASSEMBLY - 115 V (FREEZE DRIED COFFEE, DECAF, SUGAR, OPTIONAL PRODUCT) (INCLUDES INDEX NUMBERS 15 - 18)	
	6408001	MOTOR AND PLATE ASSEMBLY - 115 V (FREEZE DRIED COFFEE, DECAF, SUGAR, OPTIONAL PRODUCT) (INCLUDES INDEX NUMBERS 15 - 18)	
15	6237057	MOTOR - 115 V 60 RPM (TEA)	1
	6337010	MOTOR - 230 V 53 RPM (TEA)	
	6237165	MOTOR - 115 V 200 RPM (TEA)	
	6407000	MOTOR - 230 V 200 RPM (TEA)	
16	1451097	SCREW - #8-32 X .31 HEX HD	3
17	9900157	SCREW - #8-32 X 7/32 HWD	3
18	6237074	PLATE ASSEMBLY - MOTOR MOUNTING	1

Hot Drink Series - Models 630 / 638 - Parts Manual

TABLE 70. TUBING (NOT SHOWN)

<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
6238090	TUBING - 13/16 OD X 5/8 ID BLACK	A/R
6338021	TUBING - SILICONE - .375 ID X.562 OD	A/R
3618123	TUBING - U.K. - AQUAVEND - .375 ID	A/R
6137109	HOSE - EXHAUST - COFFEE CHUTE	A/R
6208037	TUBING - SILICONE - .250 ID X .437 OD	A/R

Hot Drink Series - Models 630 / 638 - Parts Manual

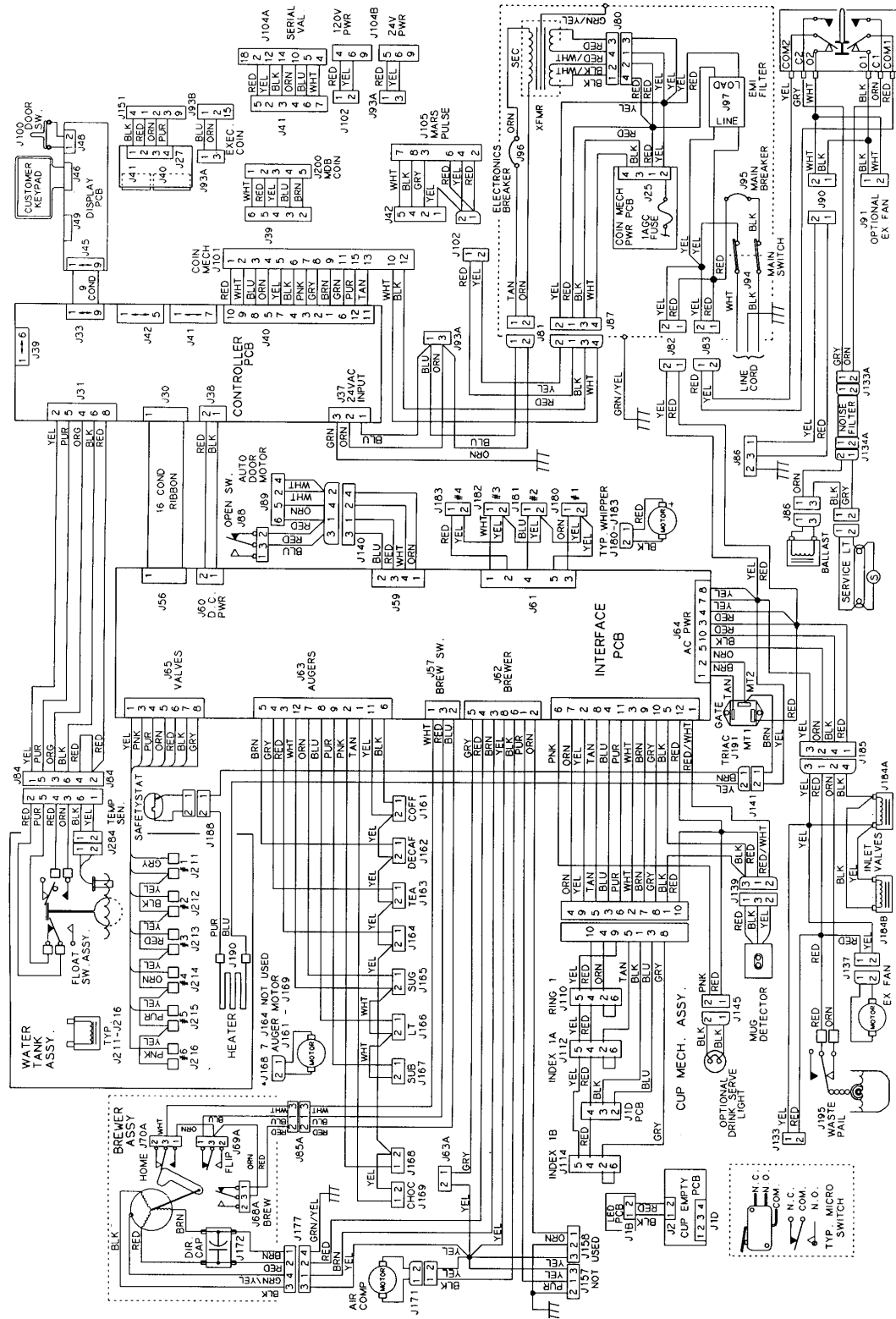


Figure 71. Wiring Diagram - 115 V

Hot Drink Series - Models 630 / 638 - Parts Manual

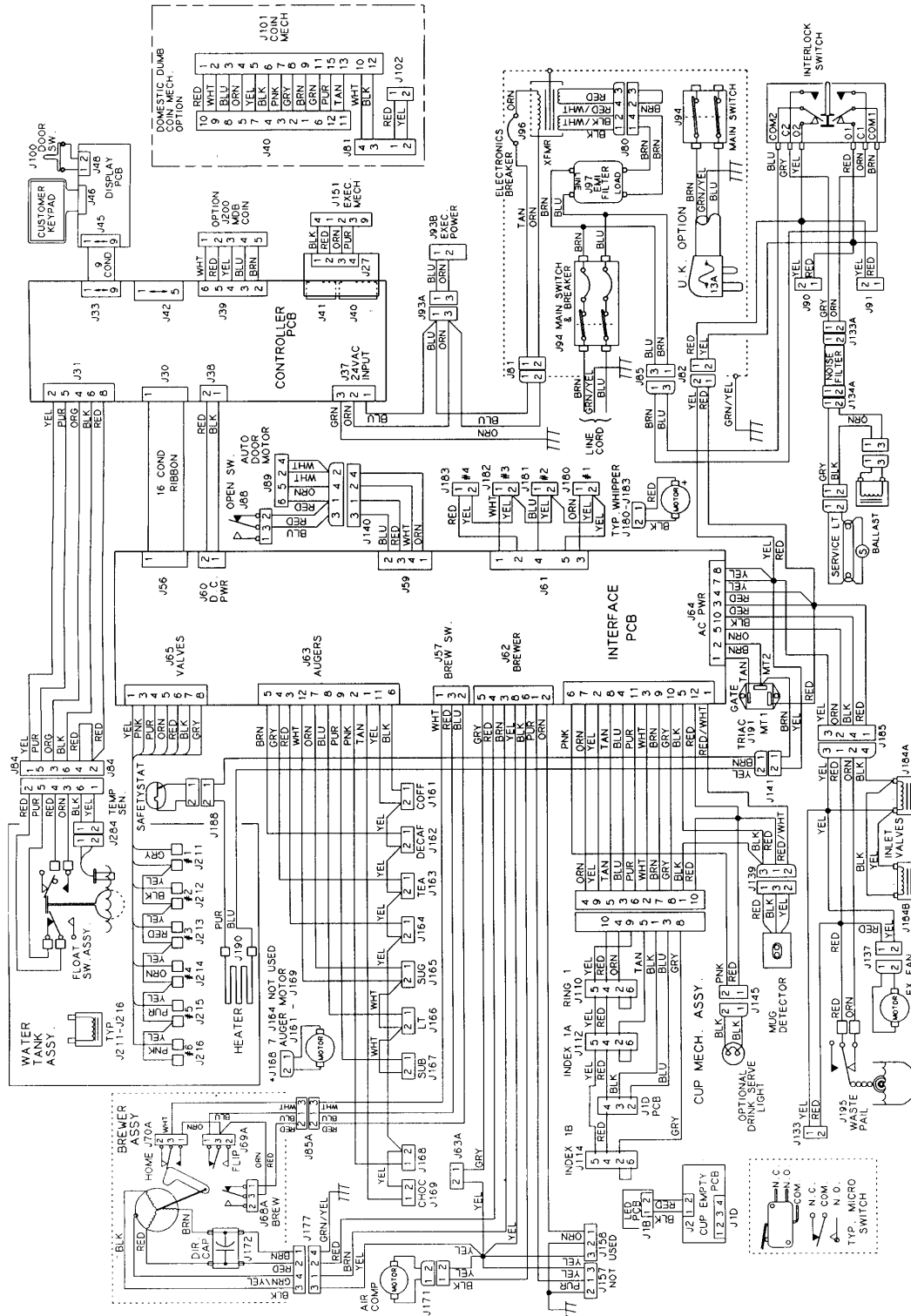


Figure 72. Wiring Diagram - 230 V

Part Number Index

1127808	.....105	1477113	.....29	1592031	.....11
1170206	.....61	1482003	.....11	1592032	.....11
1172021	.....35, 37, 55	1570057	.....51	1592035	.....11
1172190	.....17	1570105	.....105	1592036	.....11
1172191	.....17	1570116	.....5	1592038	.....11
1211105	.....33	1571034	.....47	1592039	.....11
1211110	.....49	1571035	.....51	1592044	.....11
1211112	.....35, 37	1571036	.....47	1592045	.....11
1217159	.....29, 99	1571040	.....51	1592063	.....13
1217160	.....29, 67, 99	1571042	.....47	1592068	.....11
1217161	.....17	1571045	.....47	1592069	.....11
1300018	.....6	1571078	.....105	1595002	.....109
1302289	.....17	1571079	.....105	1595005	.....107
1302290	.....17	1571084	.....41	1595007	.....107
1302291	.....17	1571112	.....47	1595008	.....107
1302324	.....17	1571113	.....105	1595010	.....107
1302326	.....17	1571115	.....37	1595011	.....107
1411194	.....35	1571127	.....37	1595012	.....107
1411195	.....35	1571136	.....41, 51	1595013	.....109
1437204	.....97	1571154	.....47	1595017	.....105, 109
1451093	.....35	1571157	.....103	1602016	.....11
1451097	.5, 19, 25, 33, 55, 61, 65, ...69, 97, 99, 103, 105, 129	1572010	.....9	1602028	.....11
1451124	.....61	1572011	.....9	1602029	.....11
1452076	.....61	1575003	.....105	1602030	.....11
1452139	.....55, 61	1575010	.....109	1602035	.....11
1457027	.....29	1575012	.....107	1602036	.....11
1471055	.....41	1575013	.....107	1602040	.....11
1471098	.....37	1575015	.....107	1602041	.....11
1471199	.....47	1575029	.....103	1602048	.....13
1471237	.....37	1575035	.....107	1602049	.....13
1471283	.....37	1575047	.....3, 11, 13	1701015X	.....49
1472178	.....15	1575048	.....107	1701025	.....49, 53
1472222	.....105	1575057	.....103	1709000	.....53
147223	.....105	1575091	.....109	1709001	.....53
1472250	.....15	1575094	.....103, 105	1709006	.....53
1472251	.....109	1577035	.....29	2204093	.....105
1475026	.....105	1579008	.....47	2222031	.....29, 31
1475072	.....105	1579009	.....105	2222096	.....61, 63
1475089	.....109	1579013	.....51	2222110	.....31
1475099	.....105	1579017	.....51	2226380	.....65, 105
1475119	.....105, 129	1581023	.....35	2272036	.....61
1477020	.....29	1582069	.....5	2272052	.....17
		1590033	.....103	2301057	.....27

Hot Drink Series - Models 630 / 638 - Parts Manual

2302053	.....9	4047054	.....67	6114121	.....24
2302223	.....69	4242145	.....33	6117010	.....65
2304108	.....67	4245082	.....9	6118071	.....45
2342315	.....29	4245083	.....9	6124073	.....57
2346016	.....61	4245084	.....9	6131066	.....19
3101059	.....29	4245186	.....99	6134152	.....79
3102447	.....129	4247204	.....65	6134155	.....79
3103133	.....111	4277042	.....31	6134173	.....79
3106154	.....61	4279001	.....53	6134178	.....79
3107171	.....61	4305043	.....61, 63	6134192	.....79
3108048	.....86	4311117	.....51	6134197	.....79
3108141	.....29	4312210	.....97	6137157	.....91
3112163	.....17	4312211	.....97	6138181	.....21
3112164	.....17	4407042	.....31	6138183	.....57
3116127	.....67	4521020	.....53	6138287	.....57
3121150	.....67	4711020	.....65	6151131	.....67
3122056	.....103	4761148	.....47	6154214	.....71
3142138	.....33	4844012	.....41	6154232	.....71
3143005	.....24	5220108	.....29	6154238	.....85
3143006	.....24	5307321	.....109	6154284	.....71
3143007	.....24	5500026	.....103	6154285	.....71
3143008	.....24	5900094	.....109	6154286	.....71
3143009	.....24	5900096	.....109	6154287	.....71
3143010	.....24	5900112	.....109	6154288	.....71
3143011	.....24	5900116	.....109	6154289	.....71
3143013	.....24	5900182	.....107	6154290	.....71
3143015	.....24	5900192	.....109	6204211	.....81
3143016	.....24	5900193	.....107	6204215	.....69
3143017	.....24	5900198	.....107	6204223	.....75, 77
3143129	.....24	5900205	.....107	6204229	.....79
3143130	.....24	5900209	.....109	6230071	.....6
3151058	.....61	5900210	.....107	6230072	.....6
3152045	.....3, 11, 13	5900213	.....109	6231033	.....69
3152391	.....107	5900214	.....109	6231034	.....37
3152444	.....107	5900216	.....109	6231035	.....55
3156932	.....61	5900217	.....109	6231036	.....41
3157060	.....47, 61, 63, 99	5900221	.....107	6231037	.....105
3158023	.....87	5900233	.....107	6231074	.....97
3158026	.....6	5900234	.....107	6231087	.....35
3158061	.....86, 87, 88, 89	5900237	.....109	6231125	.....73
3167128	.....71	5900240	.....109	6231135	.....67
3282004	.....29	5900247	.....107	6231142	.....45
3502097	.....97, 101	6104181	.....79	6231153	.....65
3631117	.....41	6104184	.....79	6231163	.....37
4041102	.....65	6104193	.....79	6231164	.....33
4041241	.....27	6106107	.....79	6231178	.....101
4042512	.....9	6108065	.....69	6231189	.....47, 55

Hot Drink Series - Models 630 / 638 - Parts Manual

6231197	.....75, 77	6232291	.....47	6234225	.....75, 77
6231198	.....65	6232305	.....63	6234240	.....75, 77
6231203	.....37	6232317	.....29	6234243	.....75, 77
6231210	.....101	6232513	.....5	6234250	.....81
6231223	.....39, 67	6233007	.....19	6234256	.....81
6231232	.....61	6233009	.....25	6234261	.....81
6231319	.....101	6233018	.....27	6234270	.....75, 77
6231372	.....61	6233019	.....27	6234271	.....75, 77
6231430	.....111	6233021	.....27	6234273	.....75, 77
6231431	.....111	6233028	.....27	6234274	.....81
6231432	.....111	6233030	.....21	6234275	.....81
6231438	.....111	6233031	.....25	6234278	.....81
6231439	.....111	6233032	.....25	6234279	.....99
6231443	.....111	6233037	.....27	6234288	.....75, 77
6231488	.....111	6233040	.....25	6234289	.....75, 77
6231489	.....111	6233048	.....21	6234292	.....81
6231492	.....111	6233057	.....27	6234293	.....75, 77
6231495	.....111	6233061	.....21	6234294	.....99
6231501	.....86	6233073	.....19	6234295	.....57, 75, 77, 81
6231503	.....86	6233074	.....19	6234297	.....77
6231507	.....67	6233077	.....19	6234301	.....75, 77
6231533	.....69	6233092	.....21	6234302	.....79
6231536	.....65	6233093	.....21	6234303	.....75, 77, 99
6231537	.....65	6233095	.....21	6234305	.....79
6231539	.....65	6233102	.....19	6234308	.....75, 77
6231550	.....97	6233108	.....21	6234310	.....75, 77, 99
6231553	.....97	6233109	.....21	6234315	.....83
6231559	.....61, 63	6234000	.....43, 77	6234328	.....75, 77, 79
6232008	.....33	6234001	.....75, 77, 81	6234335	.....71
6232028	.....33	6234002	.....75, 77	6234357	.....45, 101
6232031	.....33	6234007	.....75, 77	6234359	.....101
6232049	.....29	6234008	.....75, 77	6234375	.....75, 77, 79
6232065	.....29	6234010	.....43, 75	6234510	.....99
6232080	.....6	6234104	.....75	6234515	.....99
6232084	.....29	6234106	.....29	6234516	.....43
6232085	.....29	6234110	.....81	6234524	.....43
6232089	.....29	6234116	.....81	6234600	.....77, 83
6232090	.....29	6234118	.....81	6234601	.....77
6232091	.....29	6234120	.....81	6234603	.....83
6232096	.....29	6234200	.....75, 77	6234607	.....83
6232100	.....29	6234205	.....75, 77	6234612	.....83
6232118	.....29	6234207	.....79	6234614	.....83
6232120	.....29	6234213	.....79	6234616	.....77
6232160	.....29	6234215	.....75, 77	6234619	.....83
6232172	.....29	6234220	.....75, 77	6234620	.....83
6232263	.....29	6234222	.....75, 77, 81	6234622	.....43, 85
6232290	.....47	6234223	.....75, 77	6234625	.....85

Hot Drink Series - Models 630 / 638 - Parts Manual

6234626 .....83	6237180 .....121	6238138 .....55
6234628 .....83	6237181 ...117, 119, 121, 123, 125	6239016 .....99
6234630 .....85	6237184 .....129	6239053 .....63
6234634 .....83	6237186 .....69	6241004 .....43
6234803 .....75	6237192 .....73	6261117 .....69
6234981 .....69, 71	6237193 .....73	6261420 .....111
6235608 .....77	6237194 .....73	6261421 .....111
6237008 .....123	6237195 .....73	6262046 .....33
6237014 ...117, 119, 121, 123, 125, .....127	6237205 .....101	6263000 .....5, 19
6237019 .....127	6237241 .....113	6263001 .....19
6237020 .....127	6237260 .....81	6263002 .....19
6237023 ...117, 119, 121, 123, 125	6237287 .....113	6267301 .....93
6237025 .....117, 119, 123	6237305 .....91	6267310 .....93, 95
6237046 .....121	6237306 .....73	6272001 .....3
6237049 .....57	6237312 .....73	6300003 .....5
6237051 .....69	6237315 .....69	6300004 .....31
6237052 .....69	6237340 .....97	6300005 .....6
6237053 ...117, 119, 121, 123, 125	6237342 .....97	6301006 .....97
6237057 .....129	6237347 .....6	6302001 .....5
6237063 .....6, 123, 127	6237352 .....43, 91	6302002 .....5
6237066 .....127	6237353 .....91	6305000 .....107
6237074 .....129	6237355 .....91	6306004 .....47
6237077 .....129	6237356 .....129	6331038 .....86
6237095 .....127	6237434 .....115, 127	6331040 .....86
6237106 .....121	6237436 .....129	6331089 .....97
6237108 .....117, 119	6237437 .....129	6331090 .....97
6237110 .....73	6237438 .....129	6332010 .....63
6237111 .....73	6237439 .....117	6333003 .....21
6237115 .....69	6237446 .....115, 121	6333102 .....21
6237116 ...117, 119, 121, 123, 125	6237448 .....115	6334001 .....99
6237117 .....6, 73	6237470 .....93, 95	6334002 .....99
6237119 .....73	6238026 .....55	6334005 .....99
6237127 .....73	6238042 .....55	6334007 .....99
6237128 .....73	6238045 .....55	6334011 .....99
6237157 .....73	6238068 .....57	6334012 .....99
6237165 .....129	6238070 .....57	6334016 .....71
6237167 ...117, 119, 121, 123, 125	6238074 .....59	6334018 .....99
6237170 .....129	6238075 .....55	6336000 .....47
6237172 .....129	6238084 .....57	6337001 .....129
6237176 .....121, 123, 125	6238104 .....55	6337004 .....129
6237177 .....117, 119	6238105 .....41	6337010 .....129
6237179 .....121	6238112 .....55, 59	6337016 .....119, 123
	6238113 .....59	6337017 .....69
	6238116 .....55, 59	6337020 ...117, 119, 121, 123, 125, .....127
	6238136 .....55	6337021 .....127
	6238137 .....55	6337024 .....127

Hot Drink Series - Models 630 / 638 - Parts Manual

6337030 .....127	6380847 .....11	51, 55, 59, 61, 63, 71, 85, 103,
6337044 .....93, 95	6380848 .....11	105, .....107
6337049 .....93, 95	6391020 .....97	9900098 .....35
6337082 .....93, 95	6391057 .....97	9900115 .....21, 71
6337085 .....73	6392004 .....31	9900121 .....17
6337086 .....127	6392007 .....5	9900130 .....47
6337087 .....127	6398136 .....65	9900157 .....29, 129
6338002 .....55	6400002 .....109	9900203 .....15
6338007 .....55	6400003 .....109	9900205 .....87
6338008 .....55	6407000 .....129	9900218 .....37
6338012 .....55	6408001 .....129	9900415 ...117, 119, 121, 123,
6338022 .....55	6408003 .....87, 88	125
6338027 .....88	6408006 .....89	9900425 .....29
6338030 .....88	6408008 .....89	9983778 .....47
6338031 .....88	6408011 .....89	9984094 .....53
6338032 .....41	6408025 .....87	9984165 .....51, 61, 63
6338041 .....55	6408026 .....87	9984624 .....51
6338042 .....55	6408027 .....45	9984629 .....49, 53
6338044 .....55	6408028 .....45	9984630 .....109
6338046 .....55, 57	6408113 .....89	9985887 .....99
6338047 .....57	6408114 .....45, 89	9988208 .....99
6338049 .....57	6408115 .....89	9989042 .....51
6338050 .....57	6408117 .....87, 88, 89	9989046 .....49, 53
6338051 .....57	6408119 .....86, 87, 88, 89	9989100 .....49, 51, 53
6338053 .....59	6408134 .....87	9989110 .....53
6338054 .....59	6508033 .....57	9989336 .....51
6338055 .....59	6532010 .....29	9989369 .....51
6339011 .....63	6537013 .....117, 125	9989594 .....103
6339012 .....41, 63	6537014 .....117, 125	9989659 .....51
6341007 .....69	6537017 .....119, 123	9989672 .....49, 51, 53
6341027 .....39, 43	6537018 ...117, 119, 123, 125	9989674 .....49, 53
6342012 .....6	6537021 .....117, 119, 125	9989678 .....47
6342028 .....31	6537022 .....115, 125	9989685 .....105
6342035 .....3	6537023 .....115, 117	9992400 .....17
6342040 .....33	6537024 .....115, 119	G
6342079 .....31	6537025 .....115, 123	G6262033 .....31
6351005 .....43	6537026 .....117, 119, 127	G6262034 .....31
6367003 .....93, 95	6849015 .....53	M
6367010 .....95	7207027 .....89	M6338003 .....55
6367018 .....113	9900012 .....67	P
6380001 .....6	9900020 .....85	P6104459 .....85
6380009 .....6	9900023 .....86	P6337060 .....73
6380011 .....6	9900031 .....31	
6380846 .....11	9900081 .5, 21, 29, 31, 33, 49,	

Hot Drink Series - Models 630 / 638 - Parts Manual

