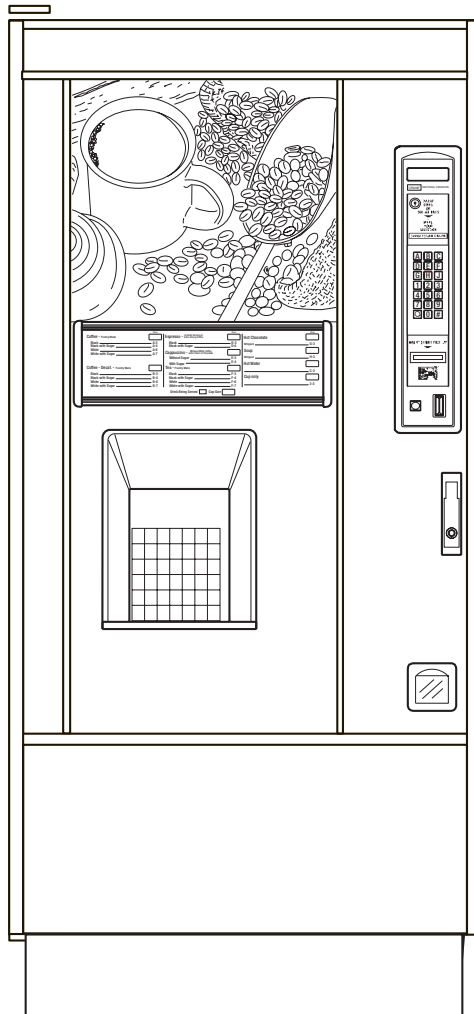


Models 630 / 638

# Hot Drink Series



## PARTS MANUAL

12955 Enterprise Way  
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6300016

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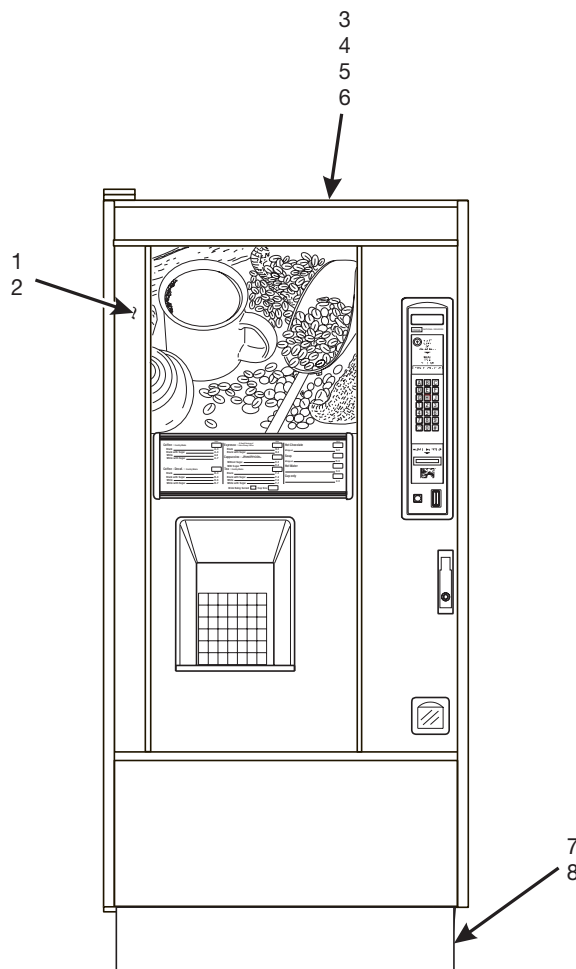
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**TABLE 1. 630/638 MERCHANDISER**

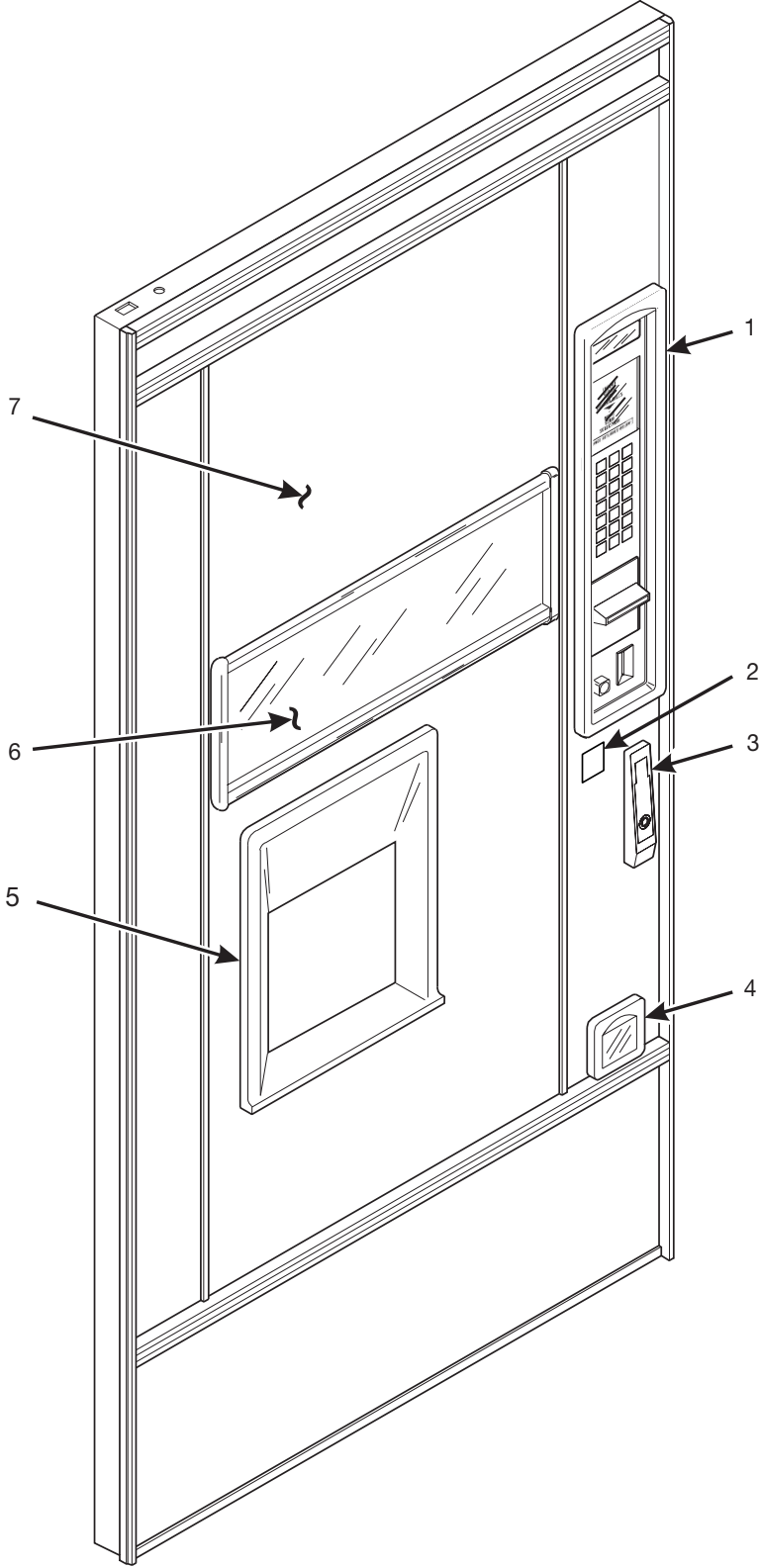
<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>
1	-	DOOR ASSEMBLY - PART 1 (SEE FIGURE 2 FOR DETAILS)
2	-	DOOR ASSEMBLY - PART 2 (SEE FIGURE 3 FOR DETAILS)
3	-	CABINET ASSEMBLY - PART 1 (SEE FIGURE 22 FOR DETAILS)
4	-	CABINET ASSEMBLY - PART 2 (SEE FIGURE 23 FOR DETAILS)
5	-	CABINET ASSEMBLY - PART 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

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630p0002

Figure 2. Door Assembly - Part 1



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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)	-

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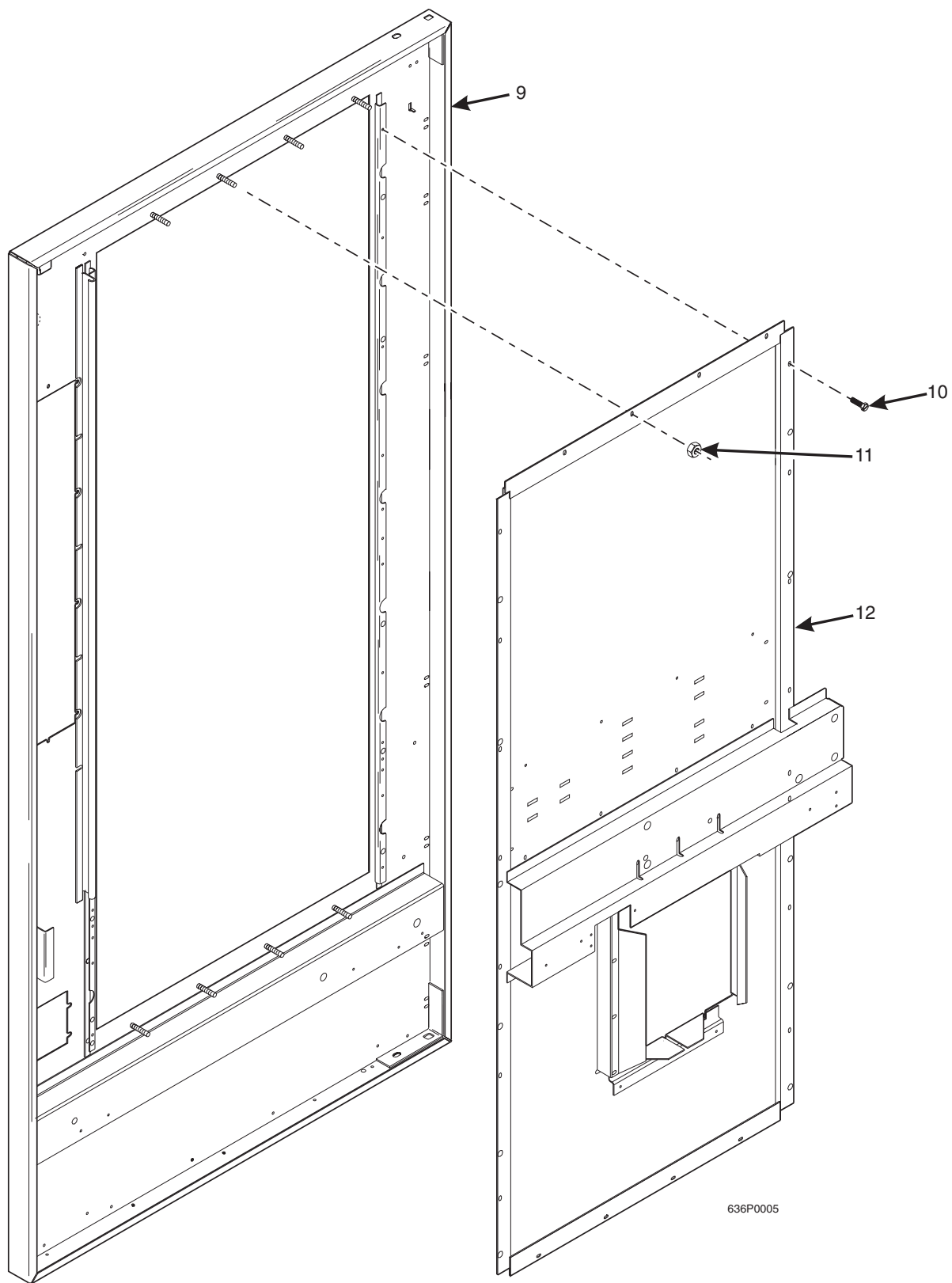


Figure 3. Door Assembly - Part 2

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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

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TABLE 4. BAG ASSEMBLY B6300000 - U. S.

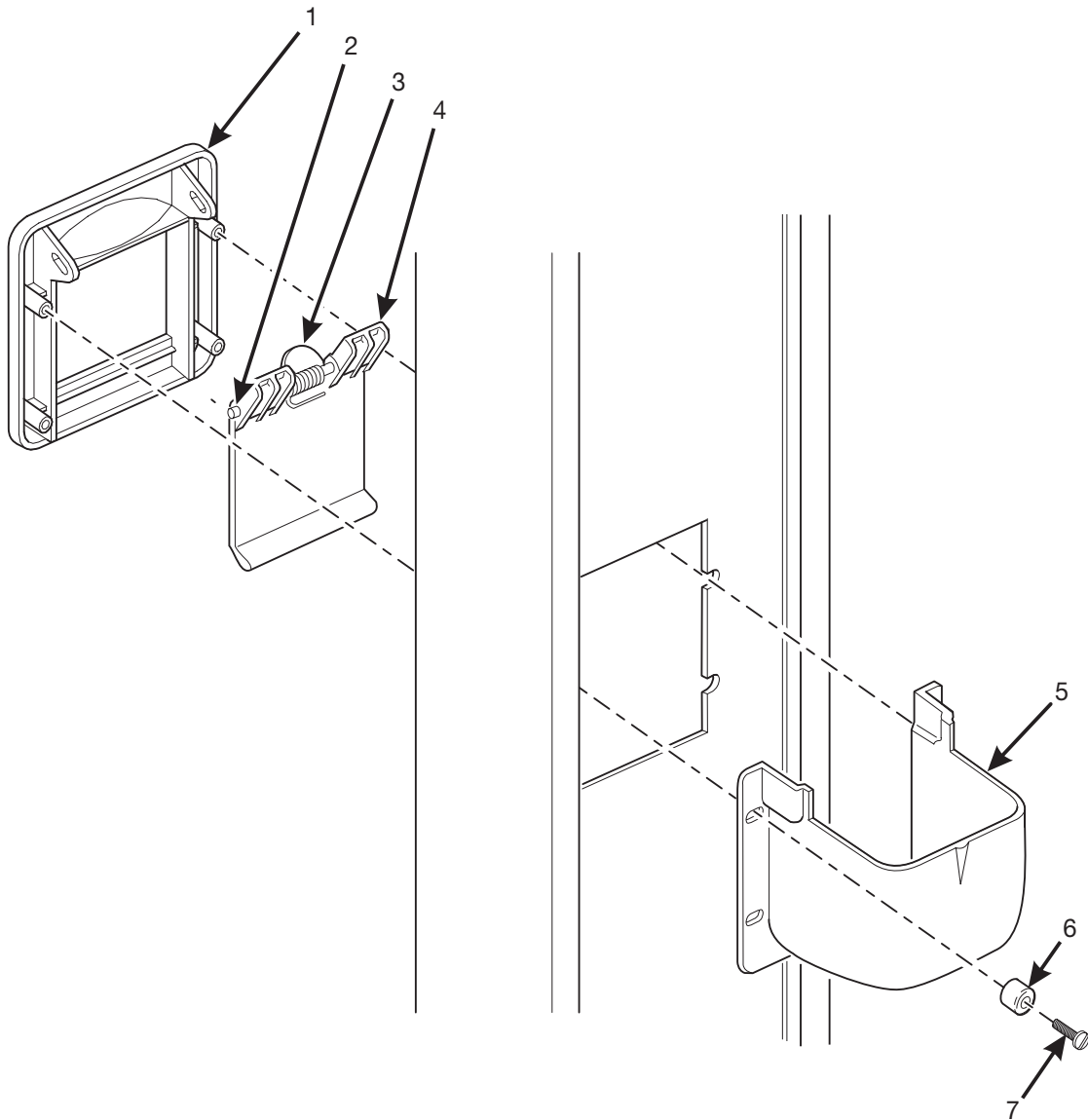
<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
1300018	BAG - PLASTIC	1
3158026	LABEL - EVERPURE - SMALL - 7001-07	1
6230071	LABEL - FRENCH VANILLA CAFE	1
6230072	LABEL - SUISSE MOCHA, 5.25X1.1	1
6232080	LABEL - PRICE,CUP SIZE,BLNK	1
6237063	NOZZLE - DISPENSING - CANISTER	2
6237117	REMOVAL TOOL - IMPELLER	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	

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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

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630P0031

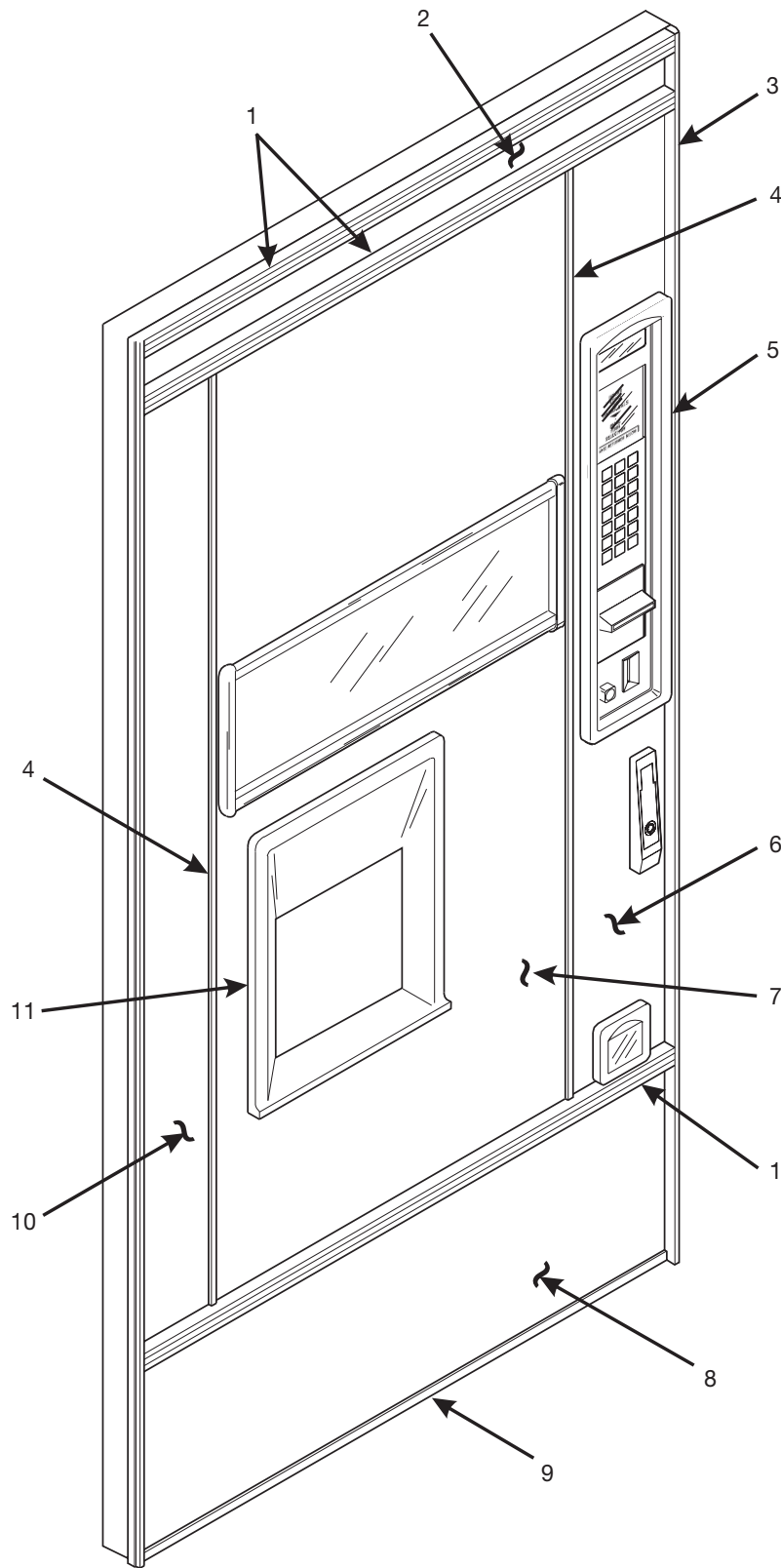
Figure 6. Coin Receptacle Assembly

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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

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630p0065

Figure 7. GPL Trim

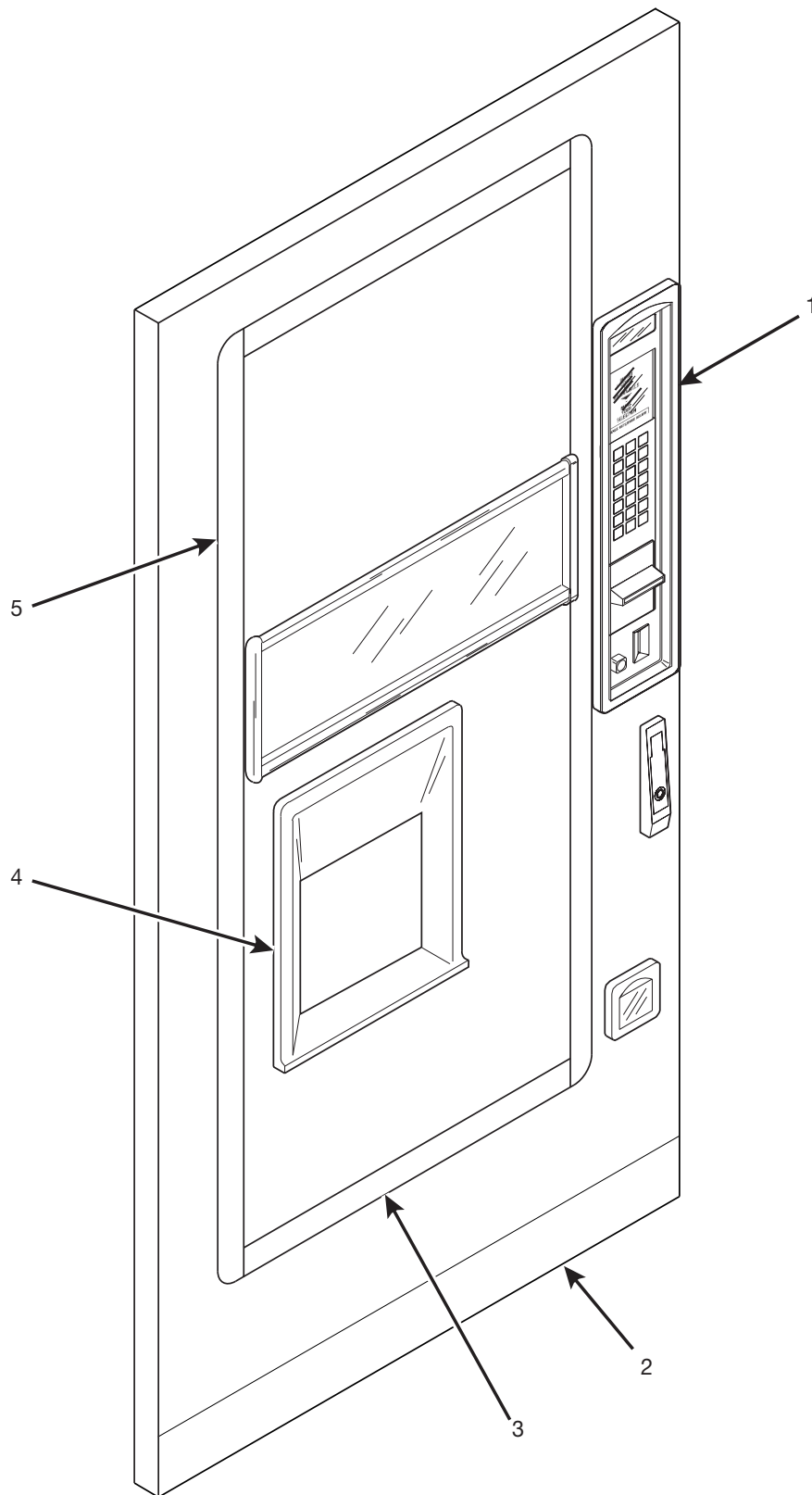


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**TABLE 7. GPL TRIM**

<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

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630p0068

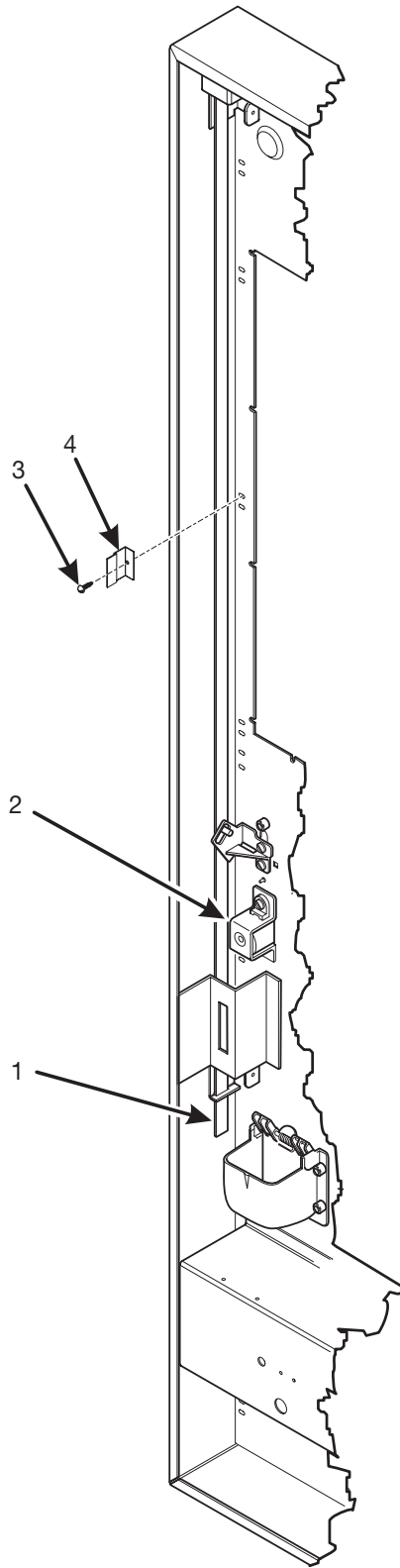
Figure 8. Generation Trim

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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

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630P0032

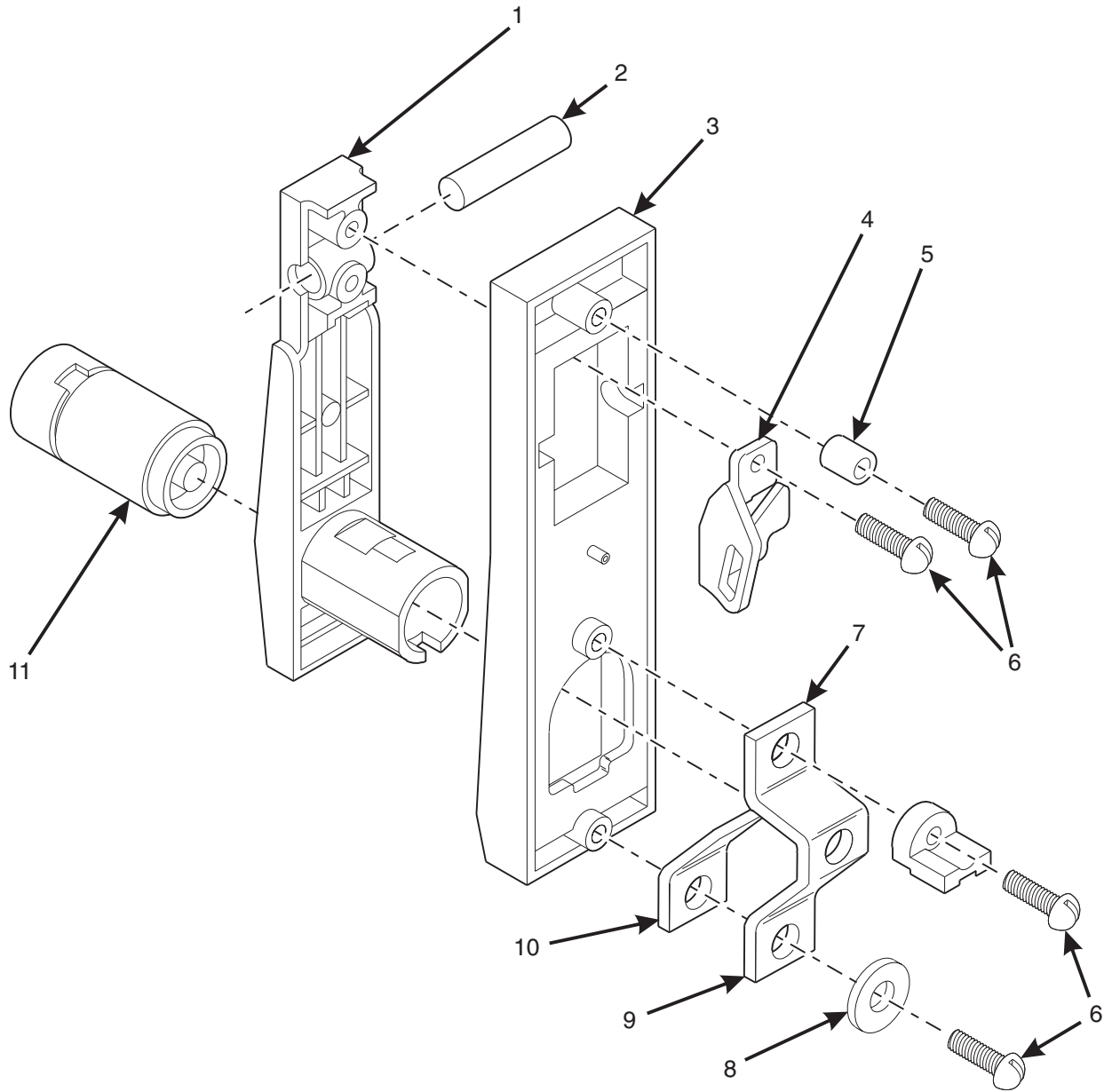
Figure 9. Door Lock Mechanism

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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

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630P0033

Figure 10. Door Lock and Handle Assembly

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**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)

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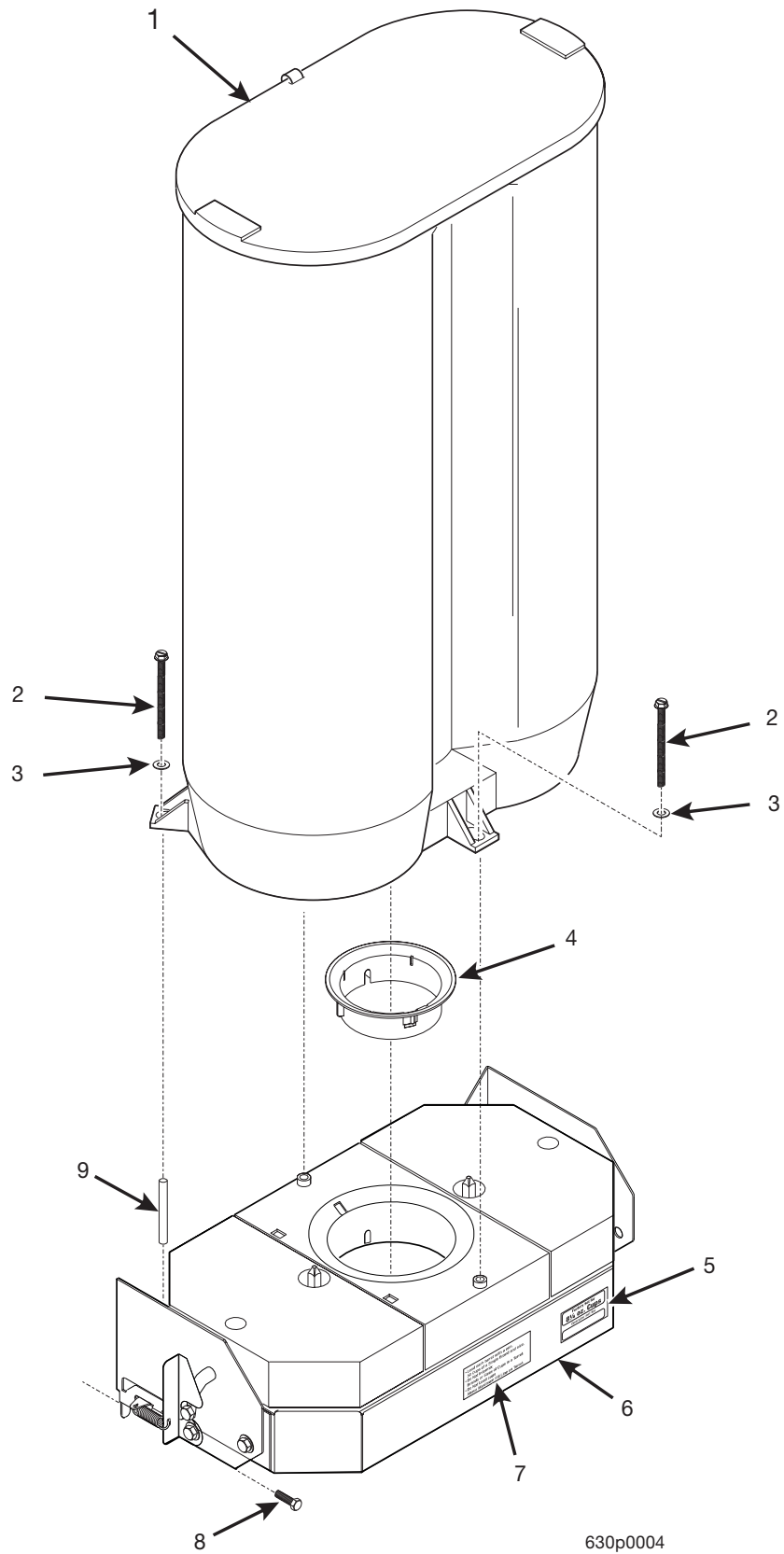


Figure 11. Mech and Canister Assembly



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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

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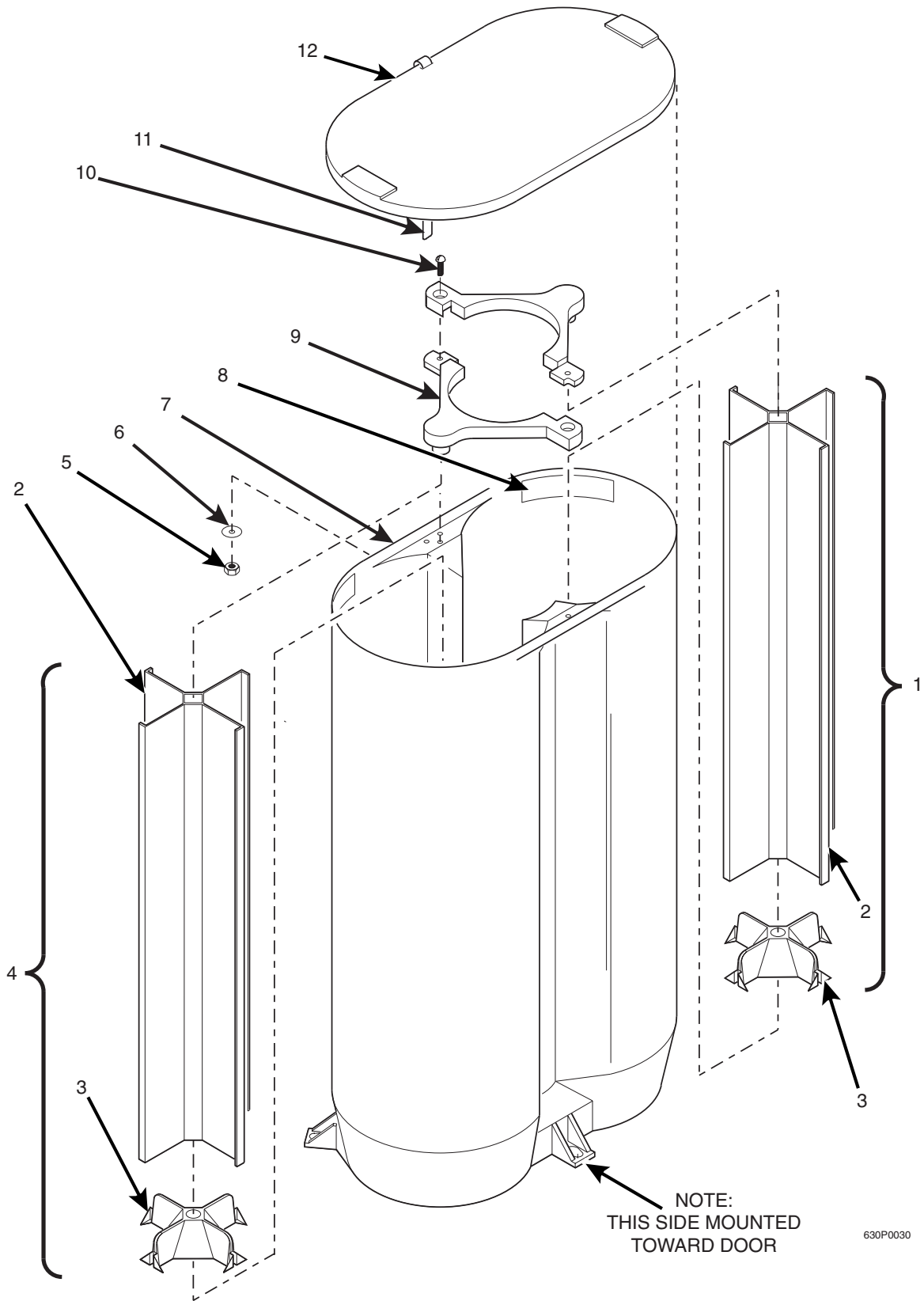


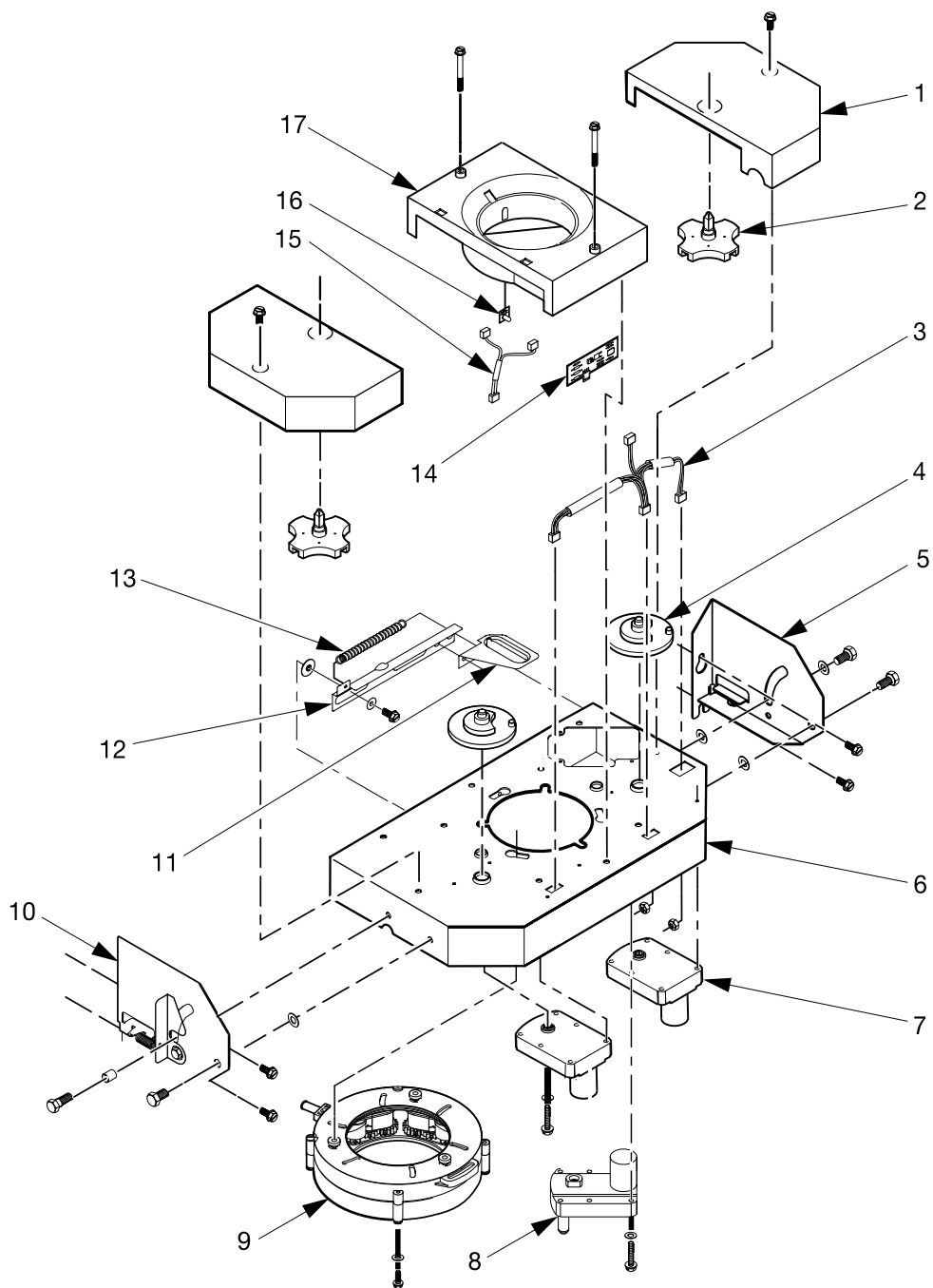
Figure 12. Turret and Canister Assembly - 7 Column

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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

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639p0012

Figure 13. Mechanism Assembly

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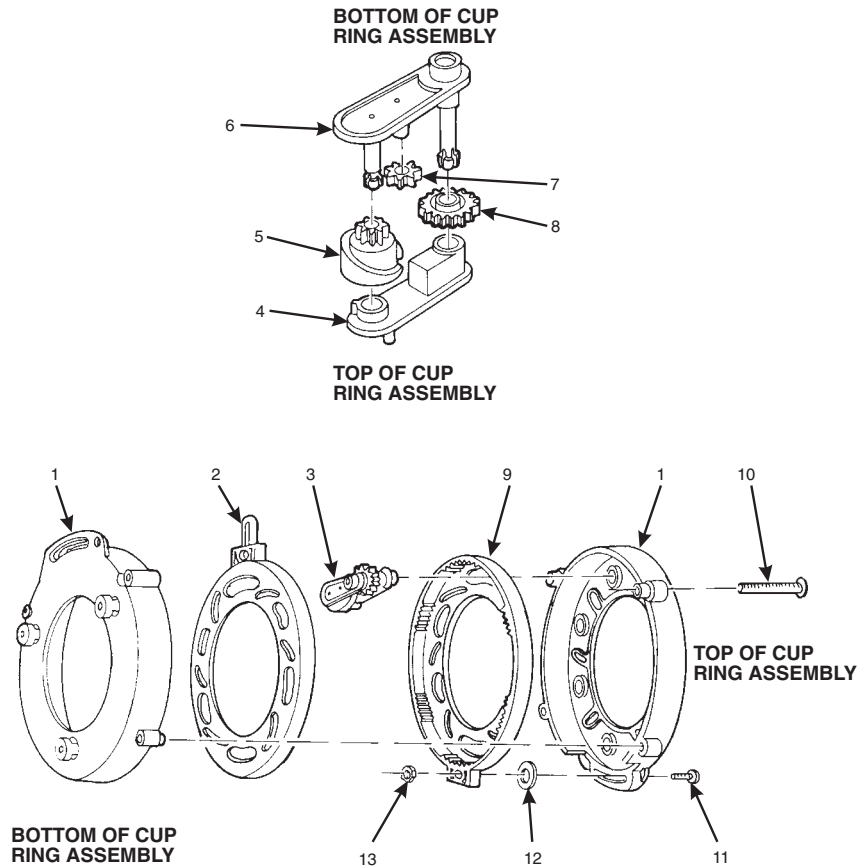
TABLE 13. MECHANISM ASSEMBLY

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

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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

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TABLE 15. ACTUATOR ASSEMBLY - CUP RING

INDEX	PART NUMBER	DESCRIPTION	QTY.
-	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

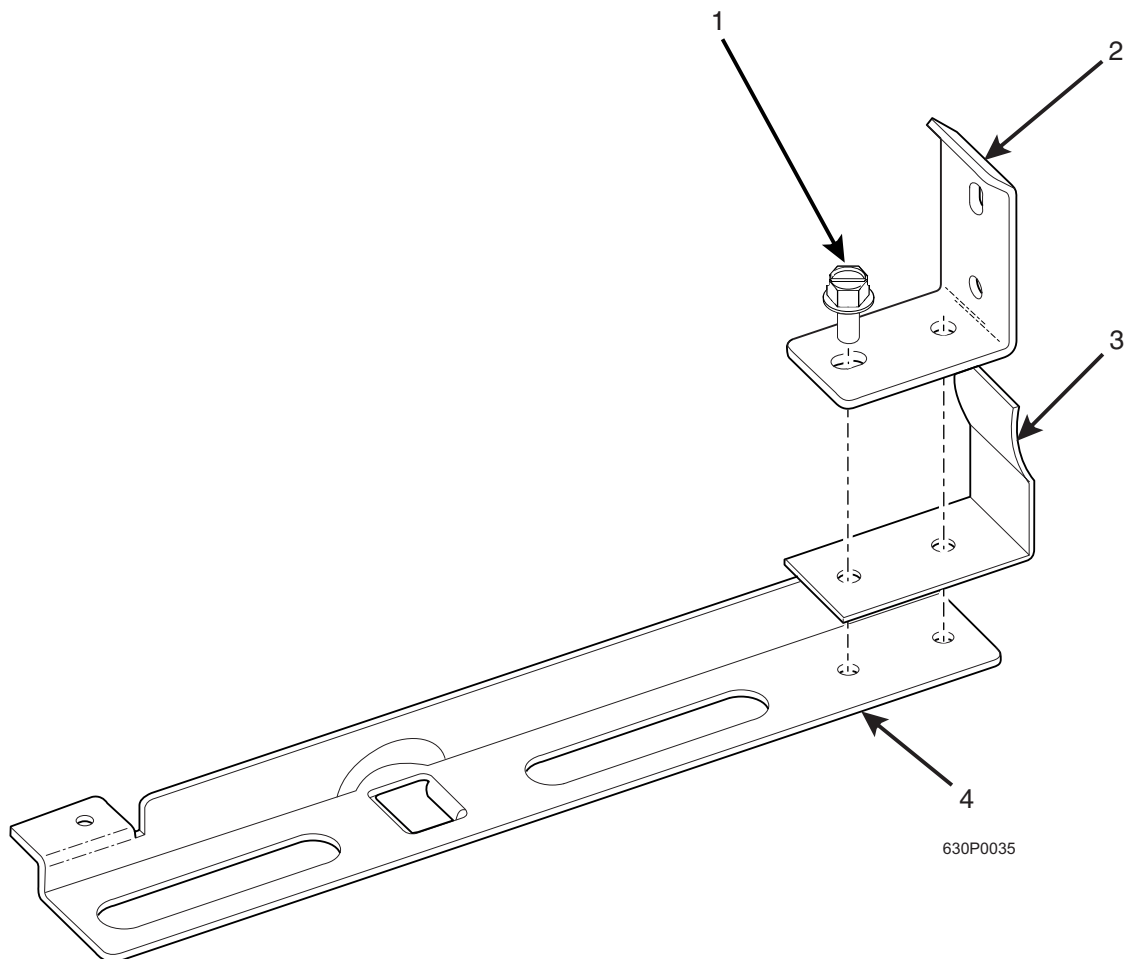
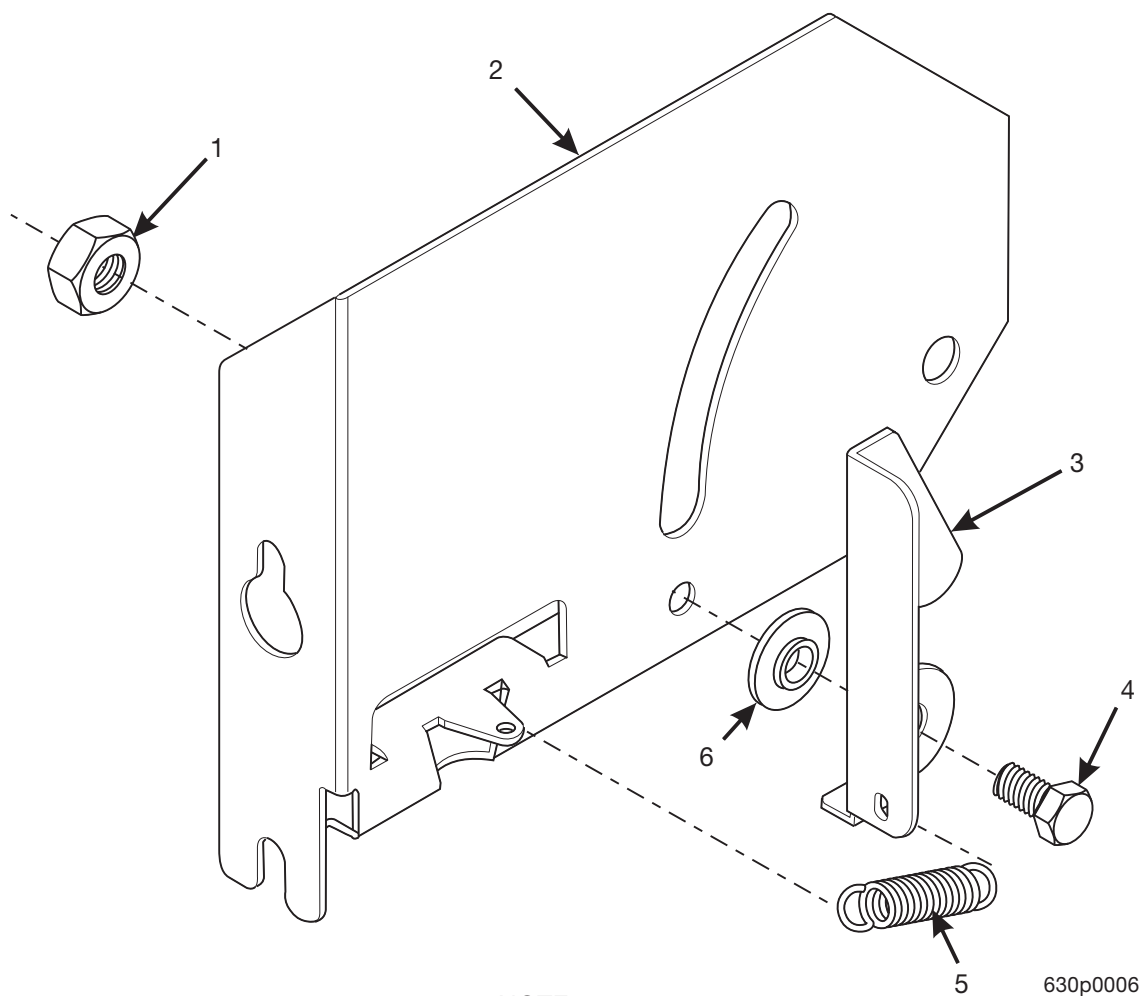


Figure 15. Actuator Assembly - Cup Ring

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NOTE  
RH BRACKET ASSEMBLY IS SHOWN  
LH BRACKET IS SIMILAR

630p0006

Figure 16. Mounting Brackets



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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

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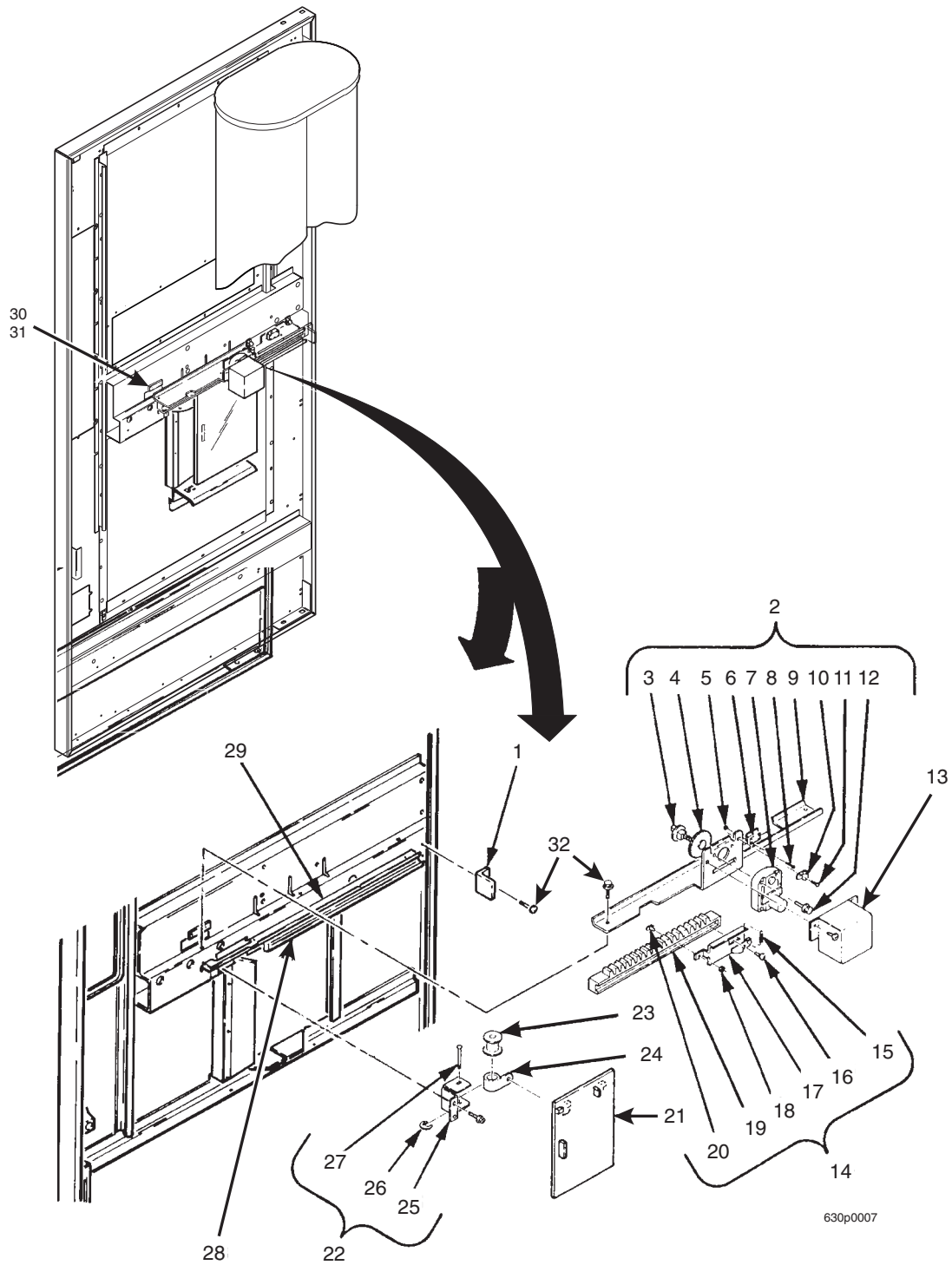


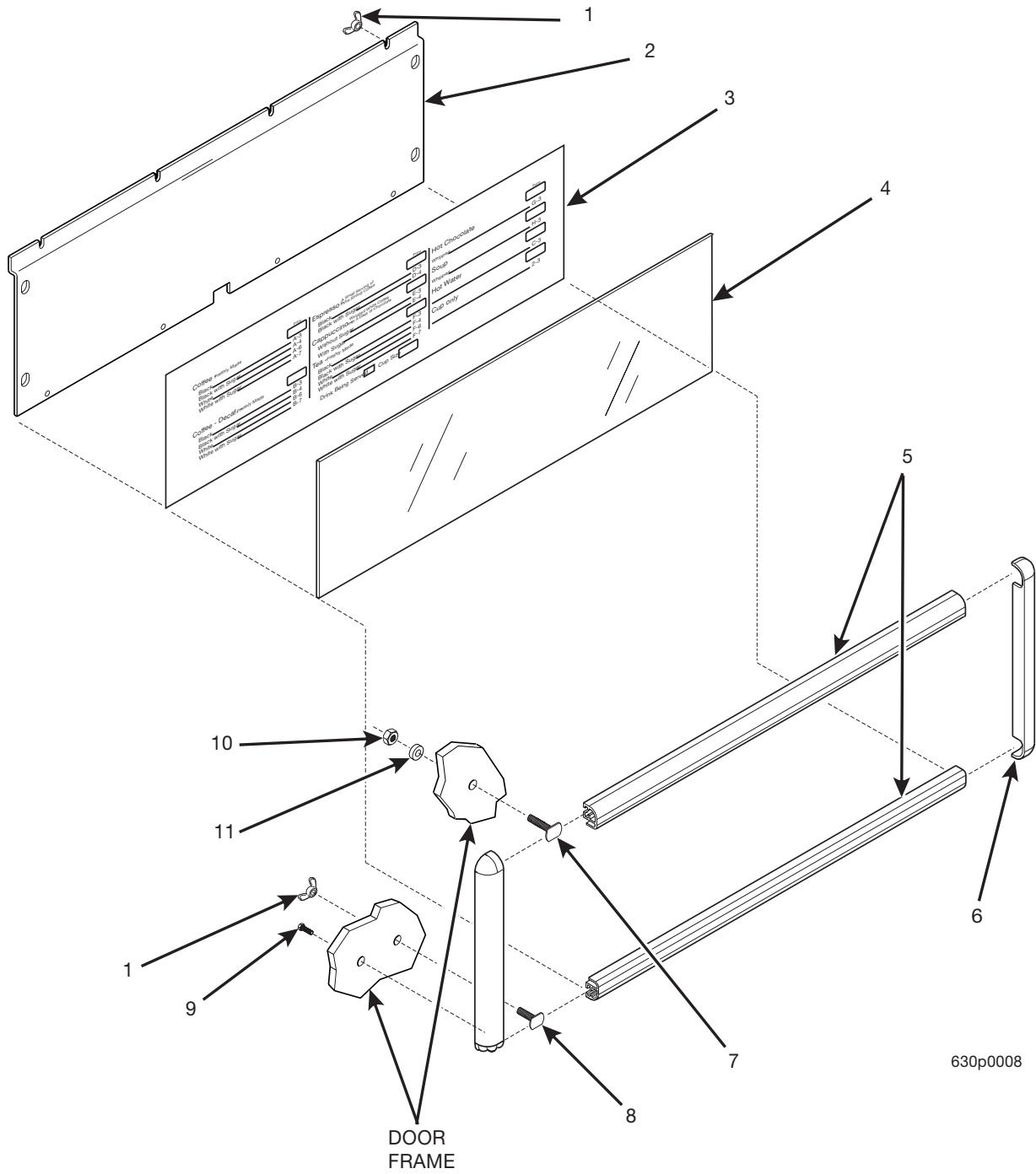
Figure 17. Automatic Delivery Door

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**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	-

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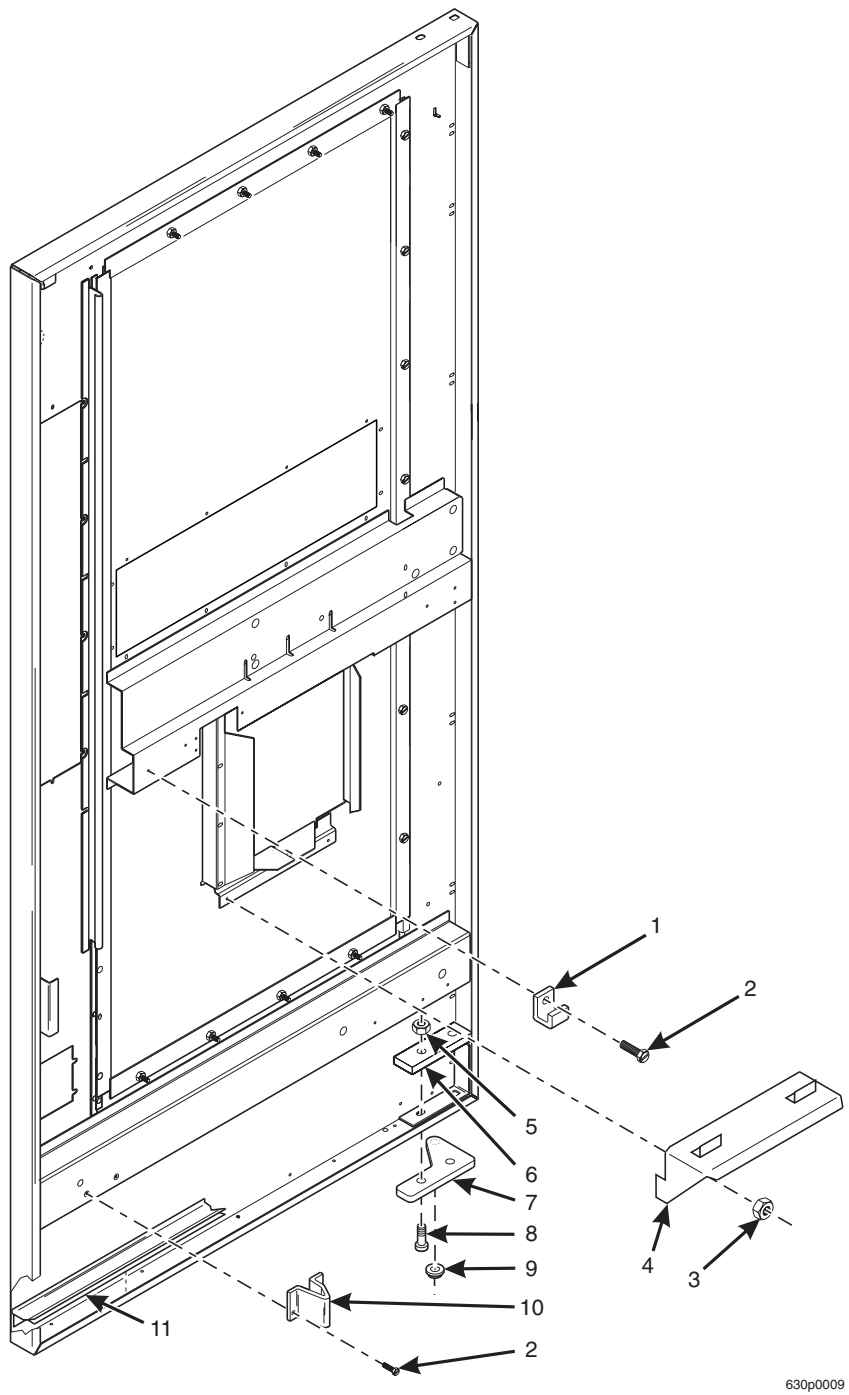
Figure 18. Display Assembly

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**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

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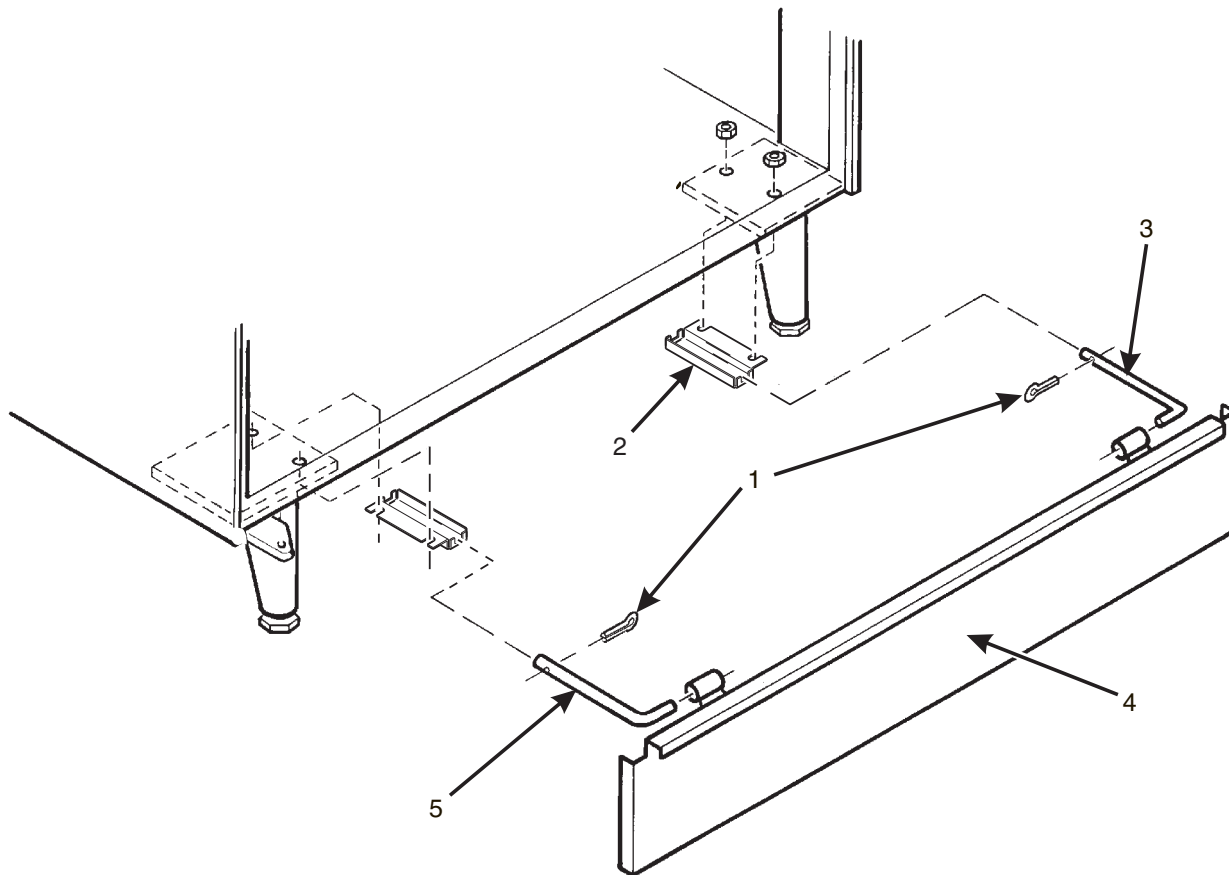
630p0009

Figure 19. Miscellaneous Mounted Parts - Door Assembly

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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)



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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

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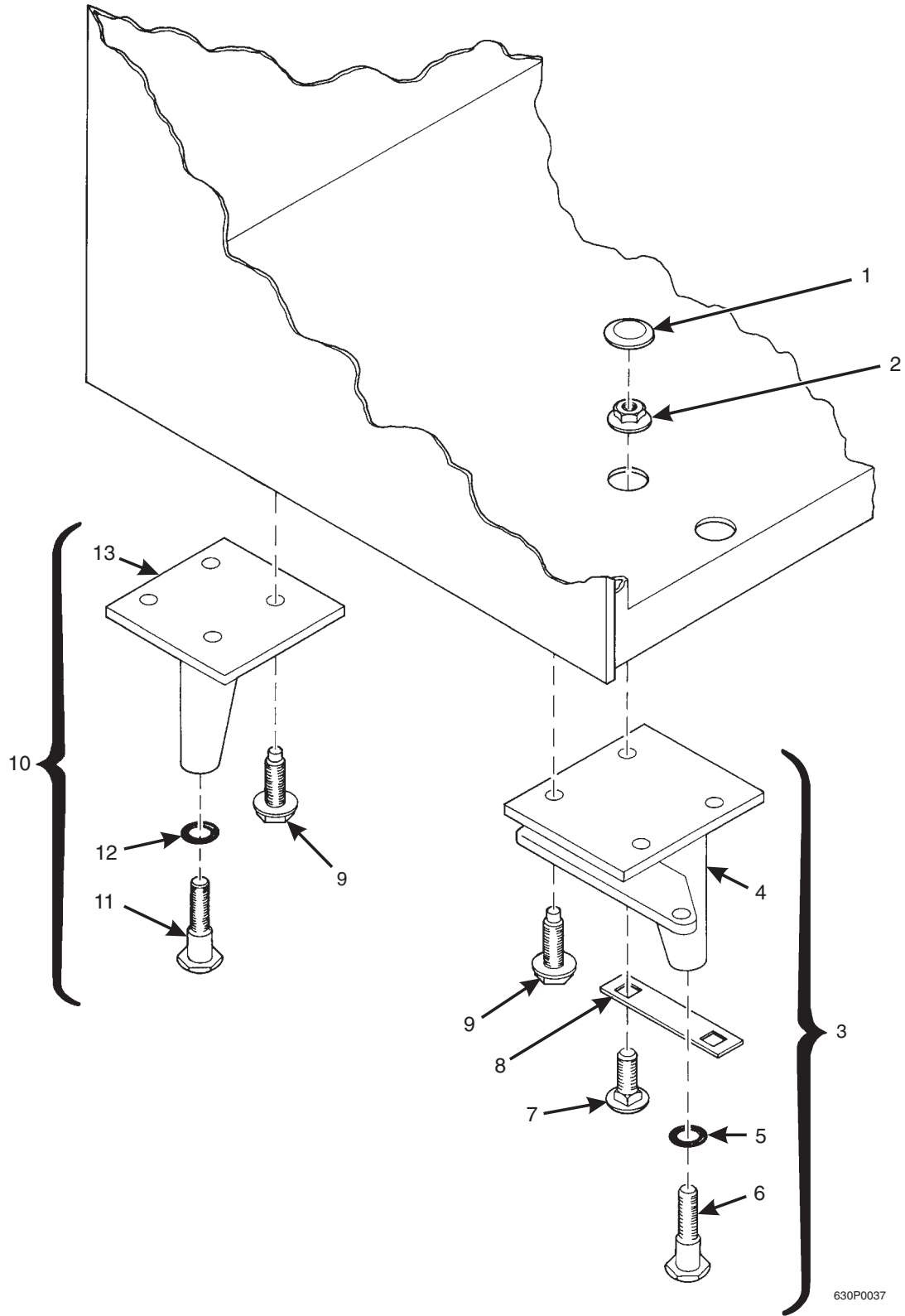


Figure 21. Leg, Leveler, and Leg and Hinge Assemblies

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**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

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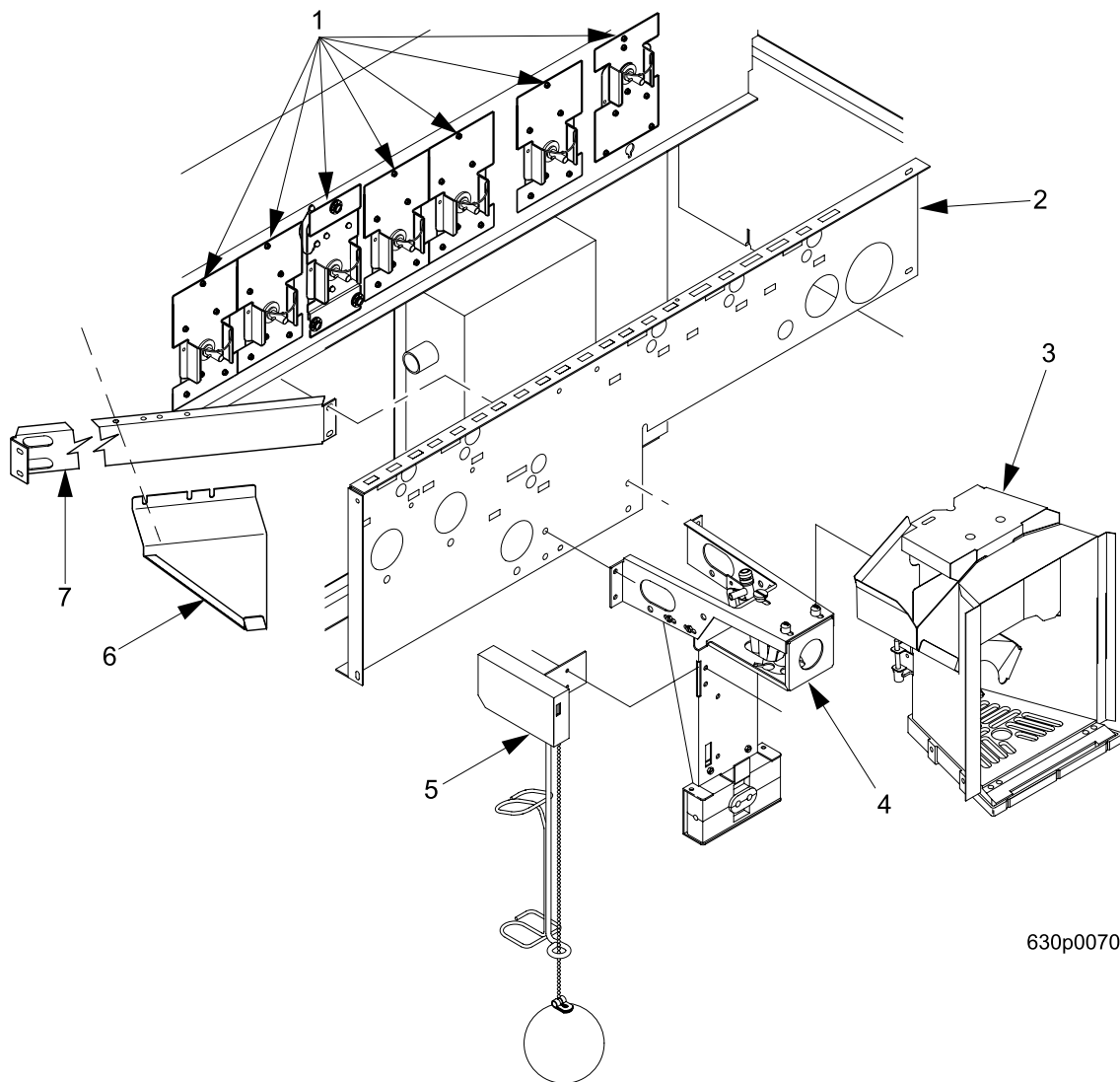


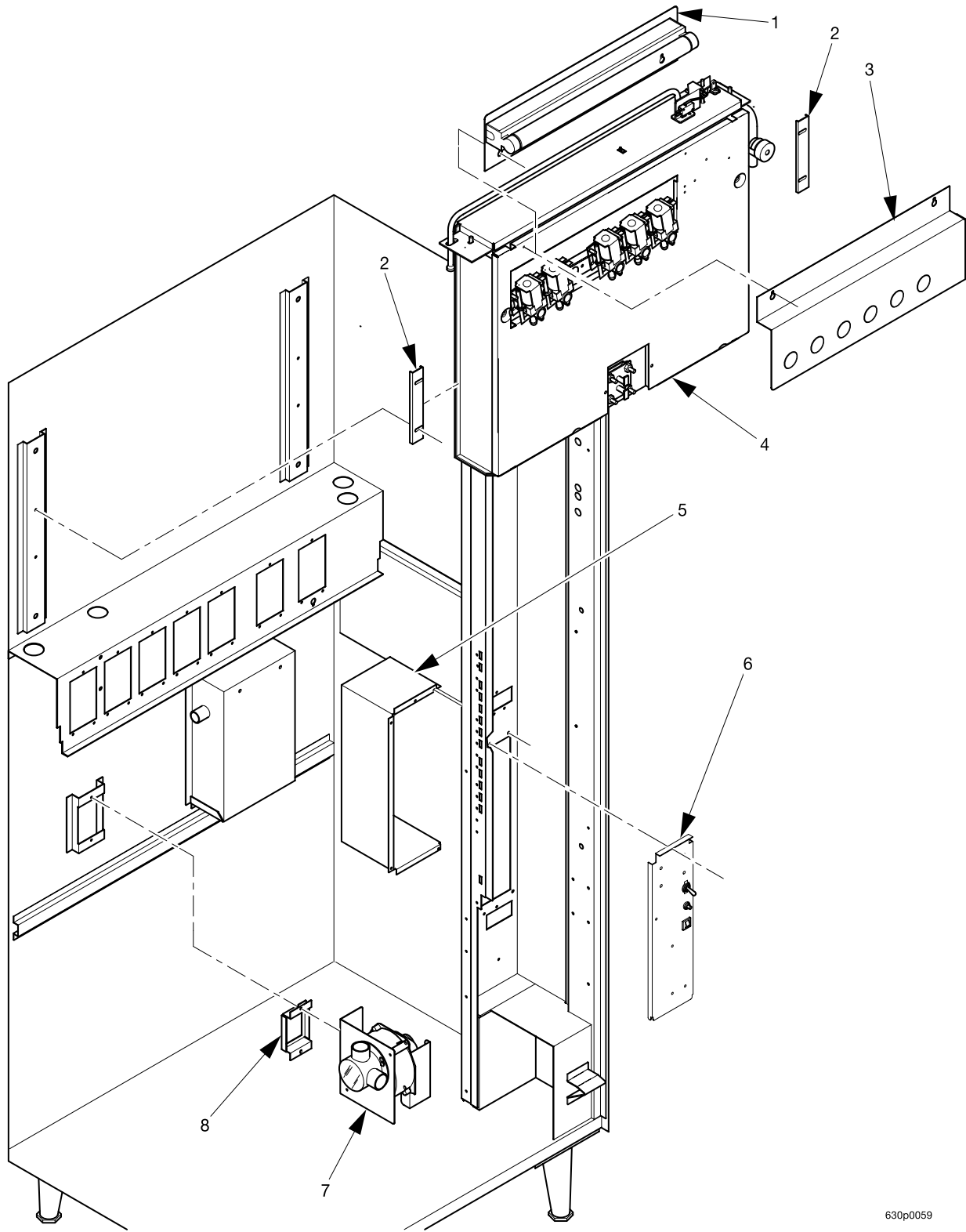
Figure 22. Cabinet Assembly - Part 1

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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

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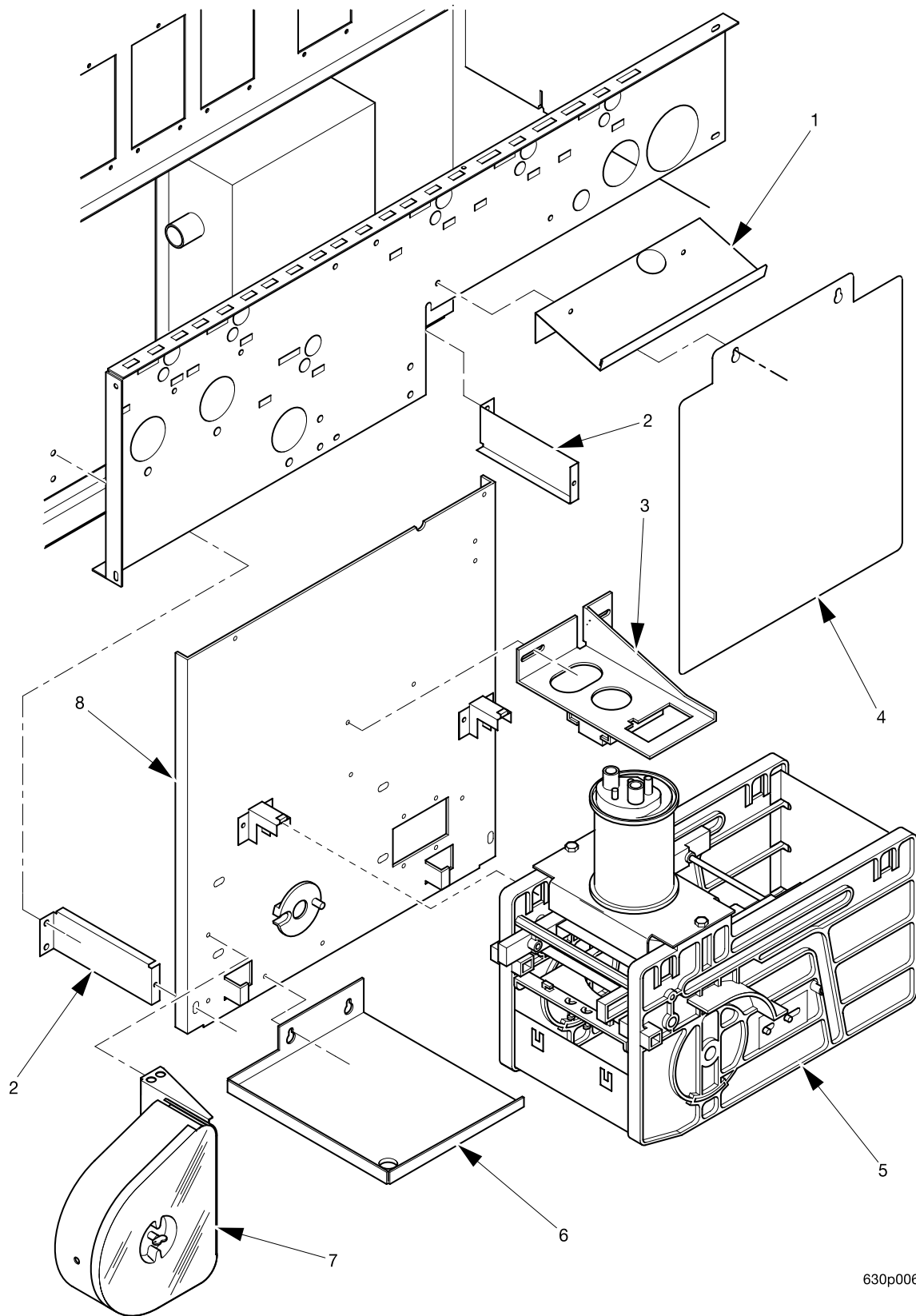
Figure 23. Cabinet Assembly - Part 2

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**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

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630p006C

Figure 24. Cabinet Assembly - Part 3

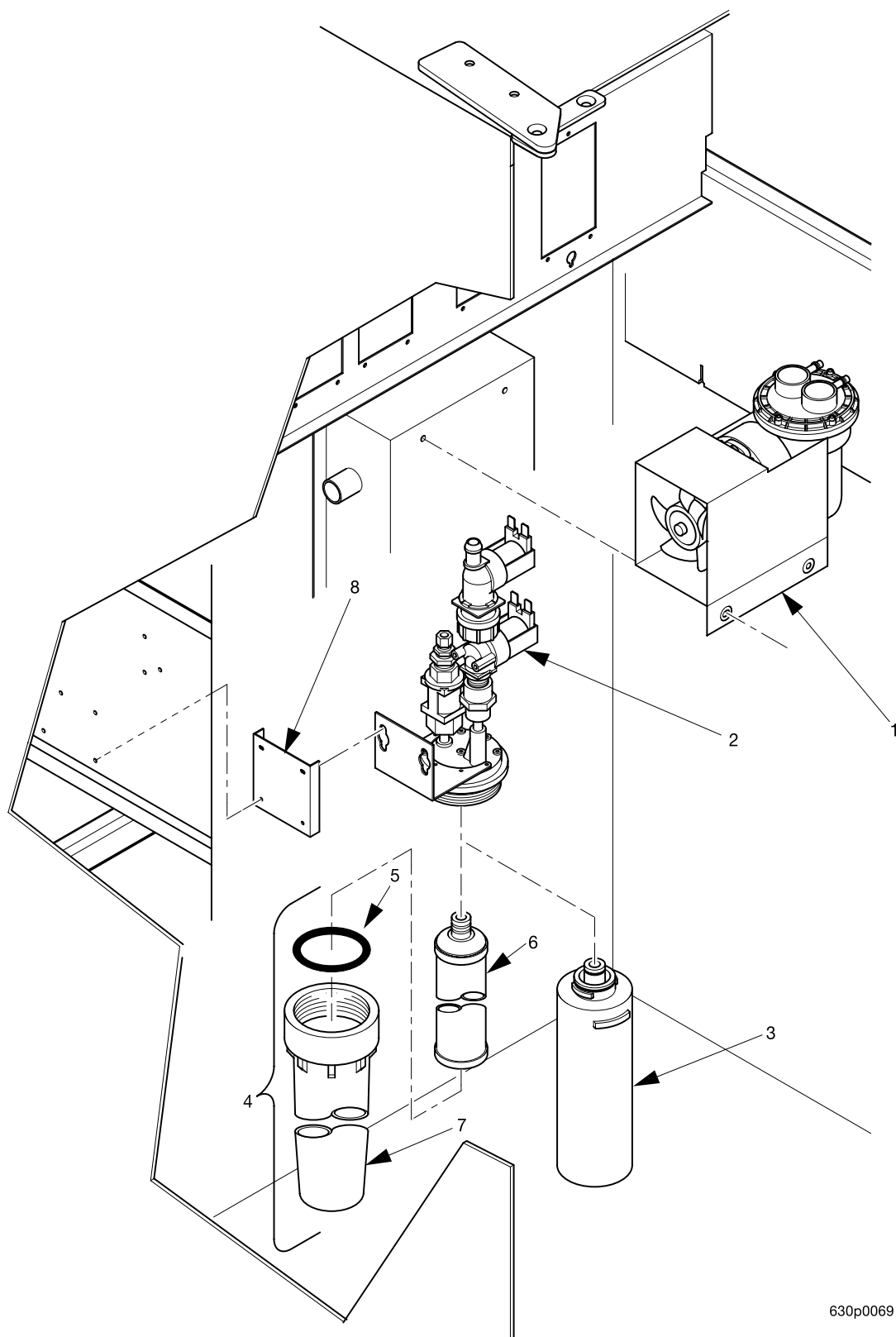


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TABLE 24. CABINET ASSEMBLY - PART 3

<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

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Figure 25. Cabinet Assembly - Part 4

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**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)	-

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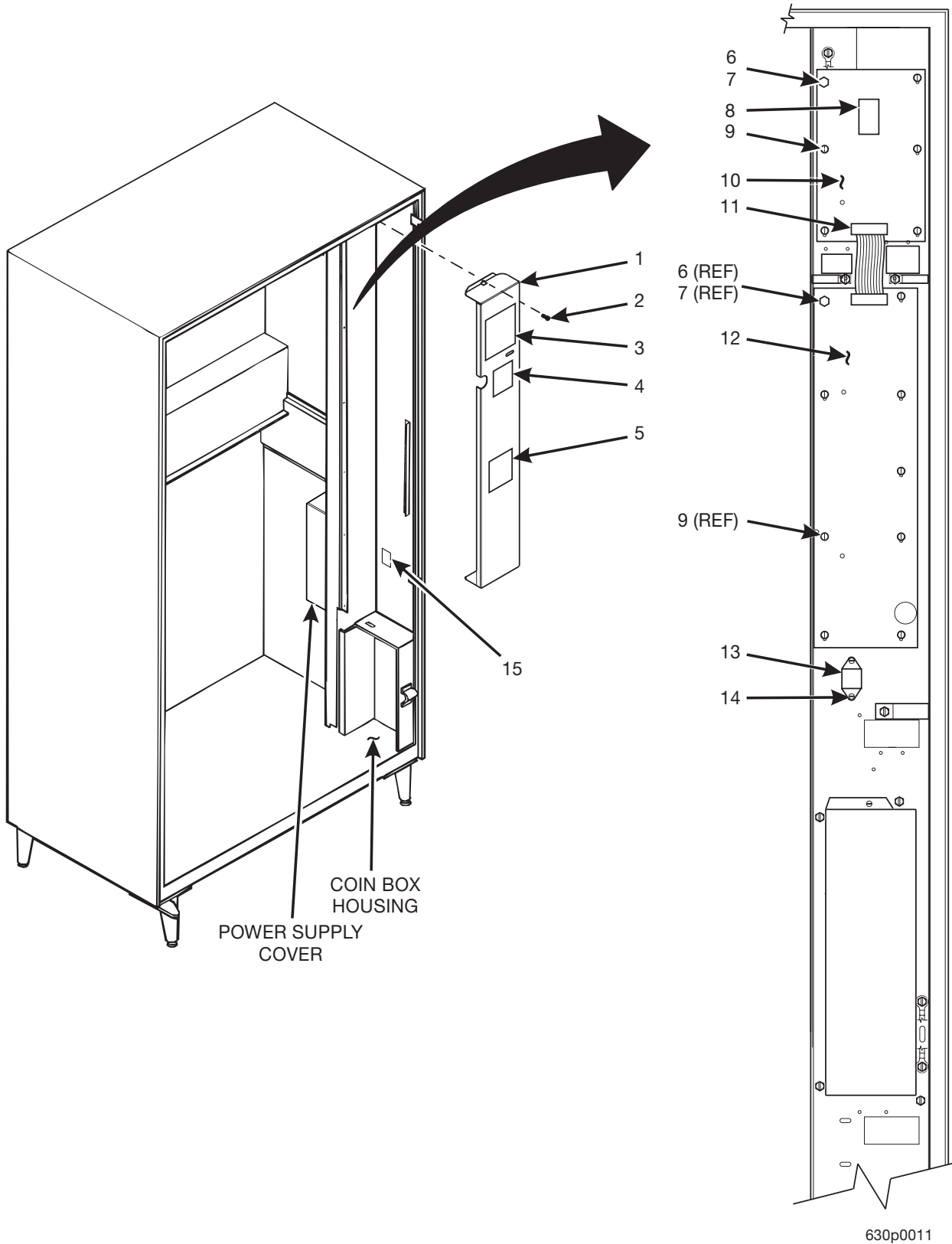


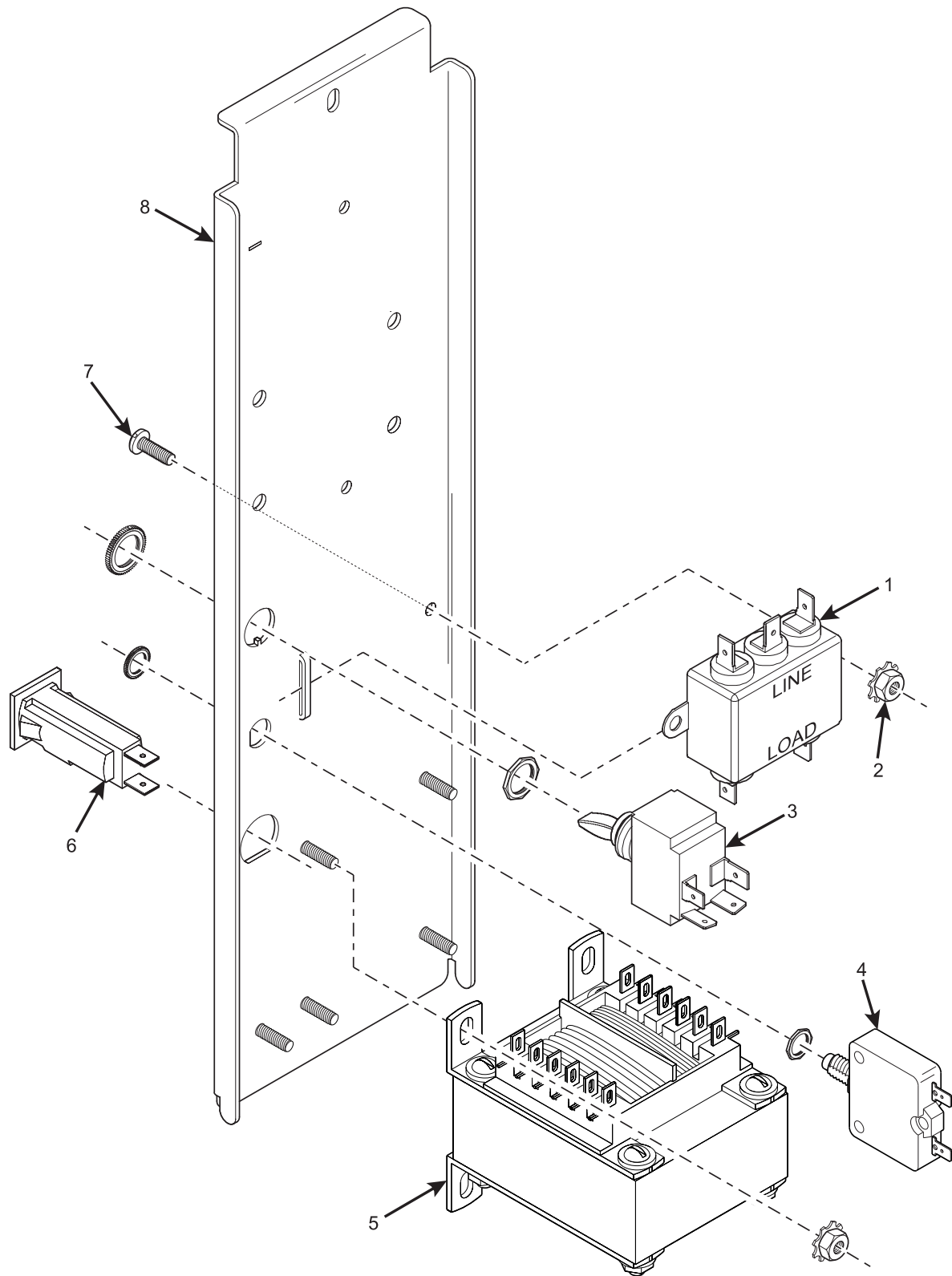
Figure 26. Monetary Channel

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**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

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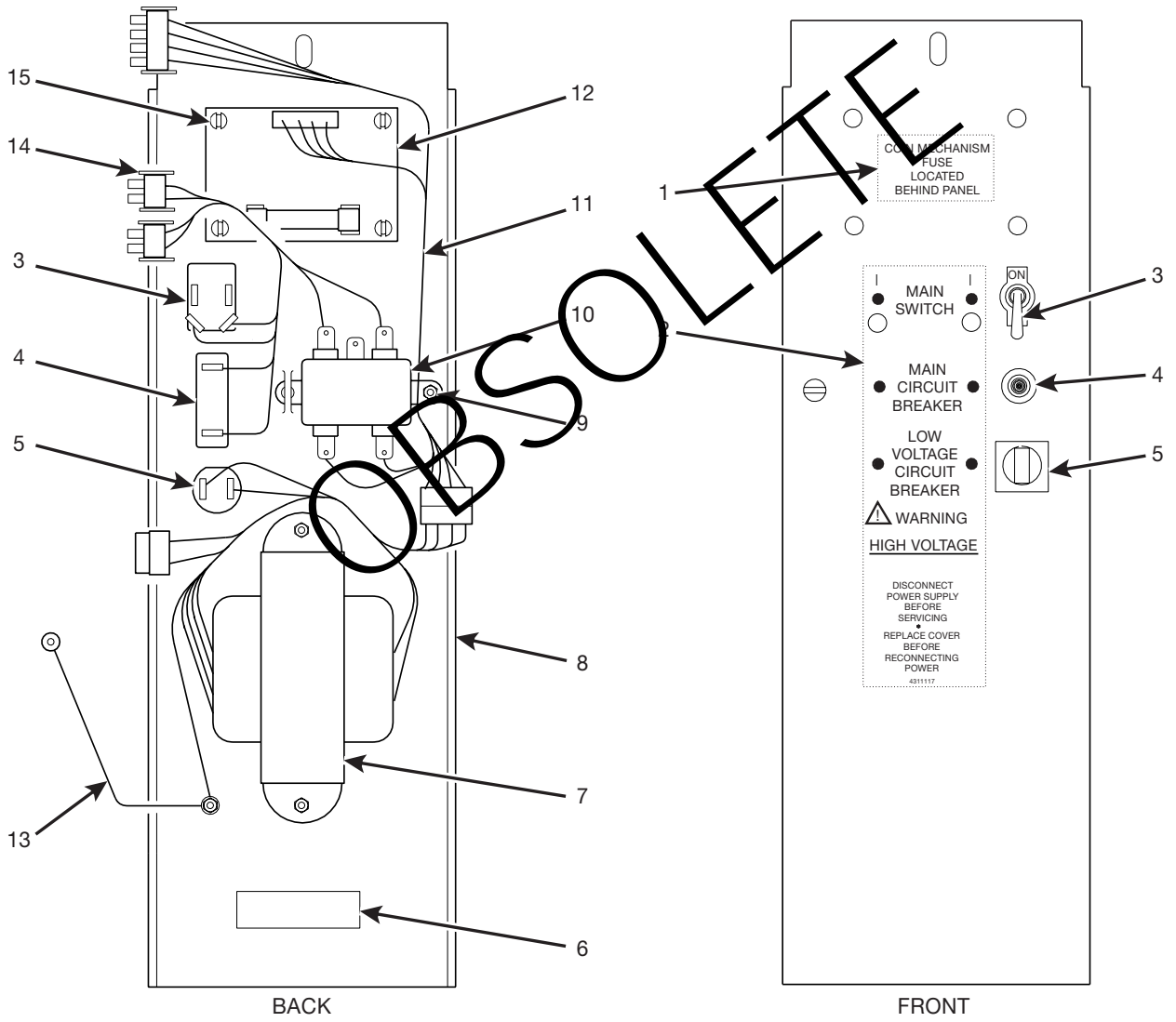
Figure 27. Power Panel Assembly (All 115 Volt Applications)

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

<b>INDEX</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>	<b>QTY</b>
-	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

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



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**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

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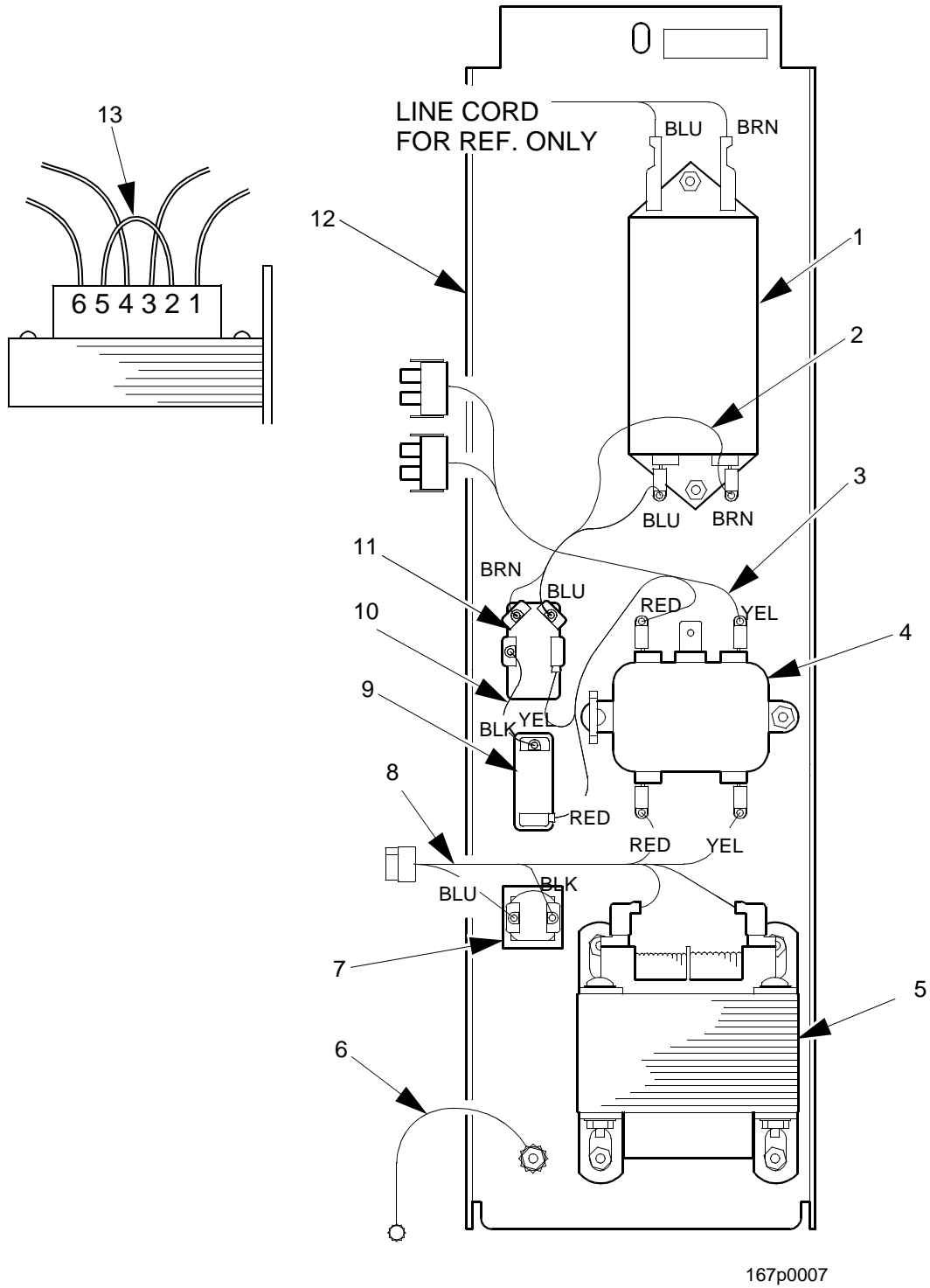


Figure 29. Power Panel Assembly - 230 V Latin America

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**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

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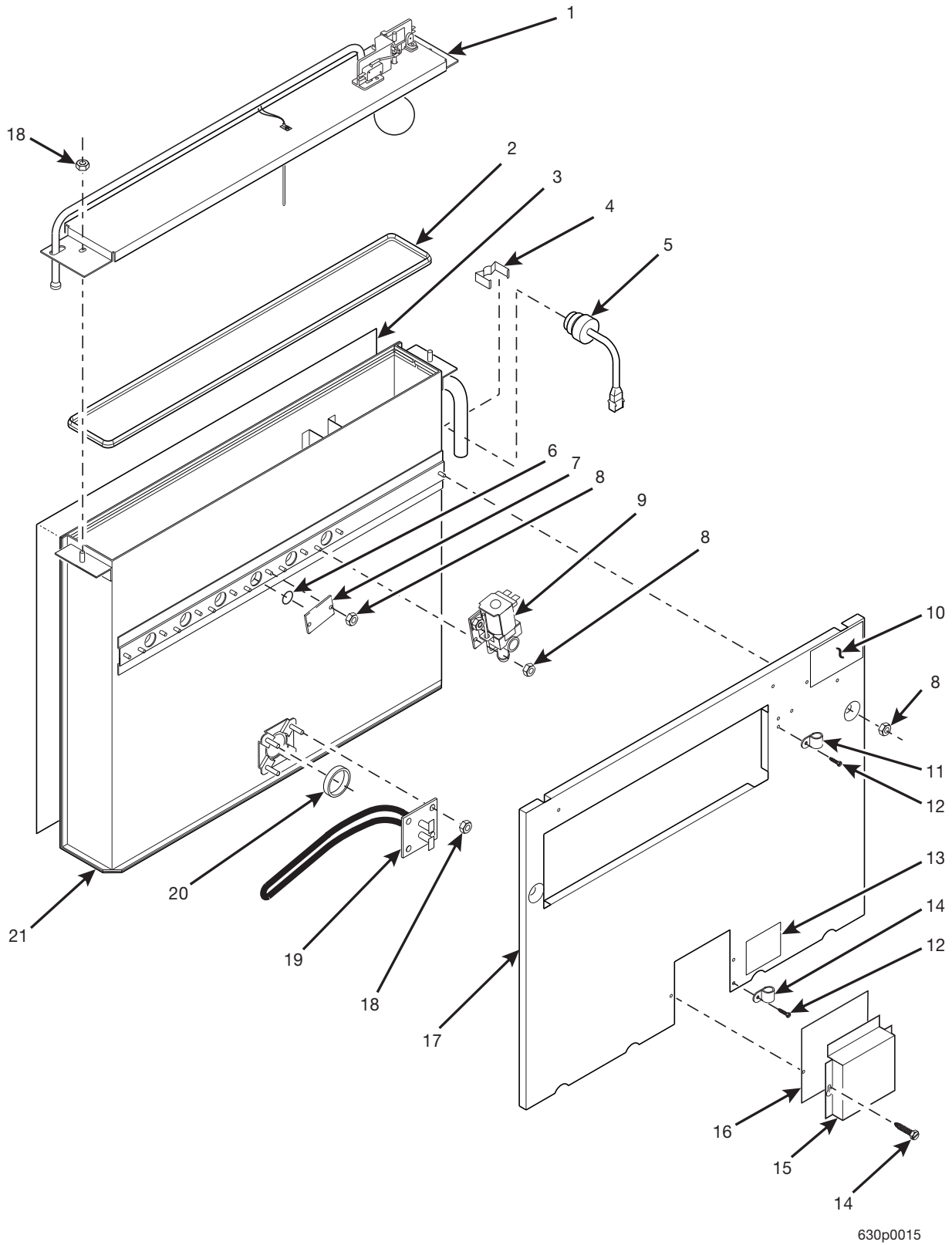


Figure 30. Water Tank Assembly

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**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	<b>6238112</b>	VALVE ASSY-H.W.T. (US and 115V LATIN AMERICA)	1
	<b>6238116</b>	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)
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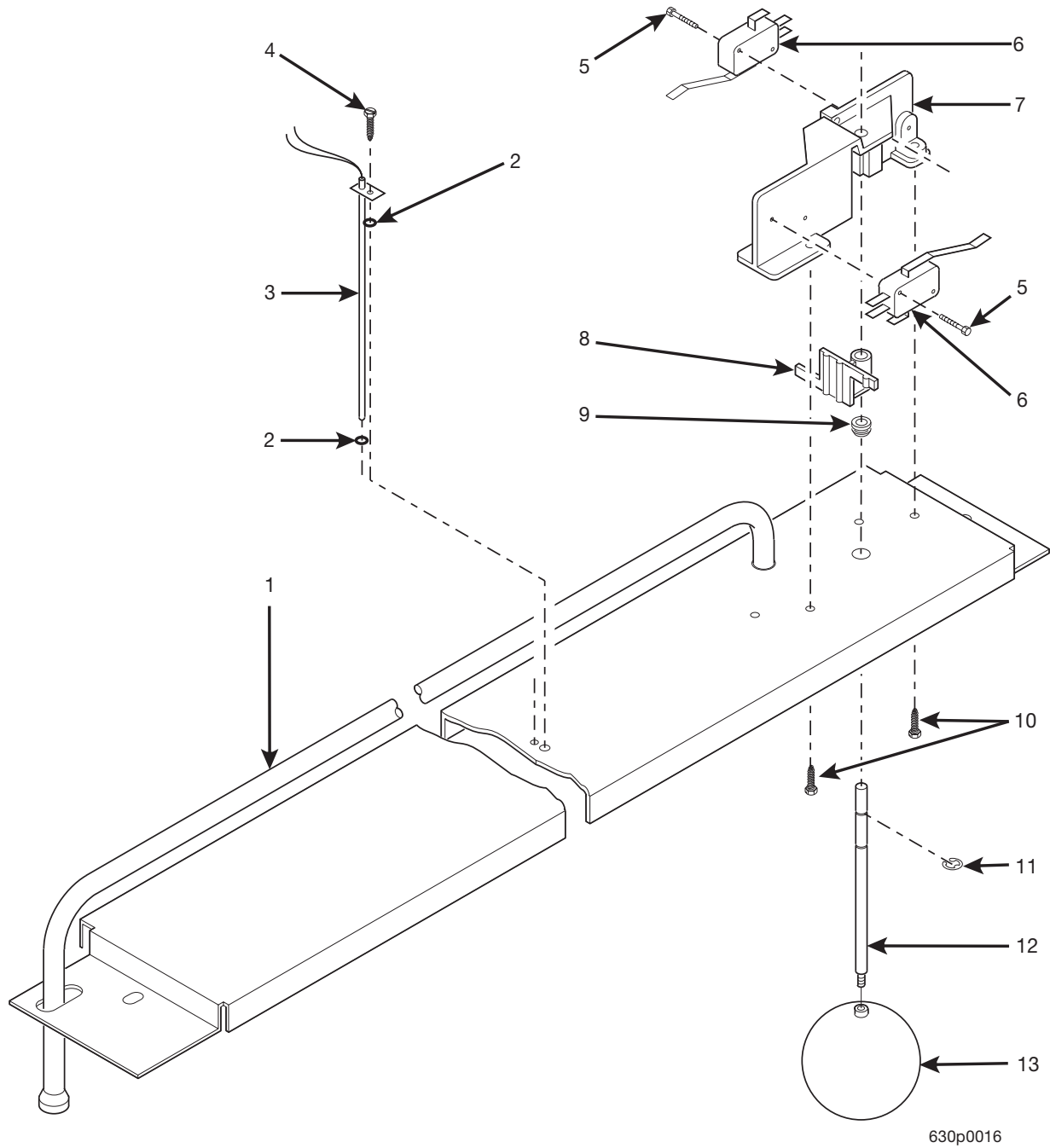


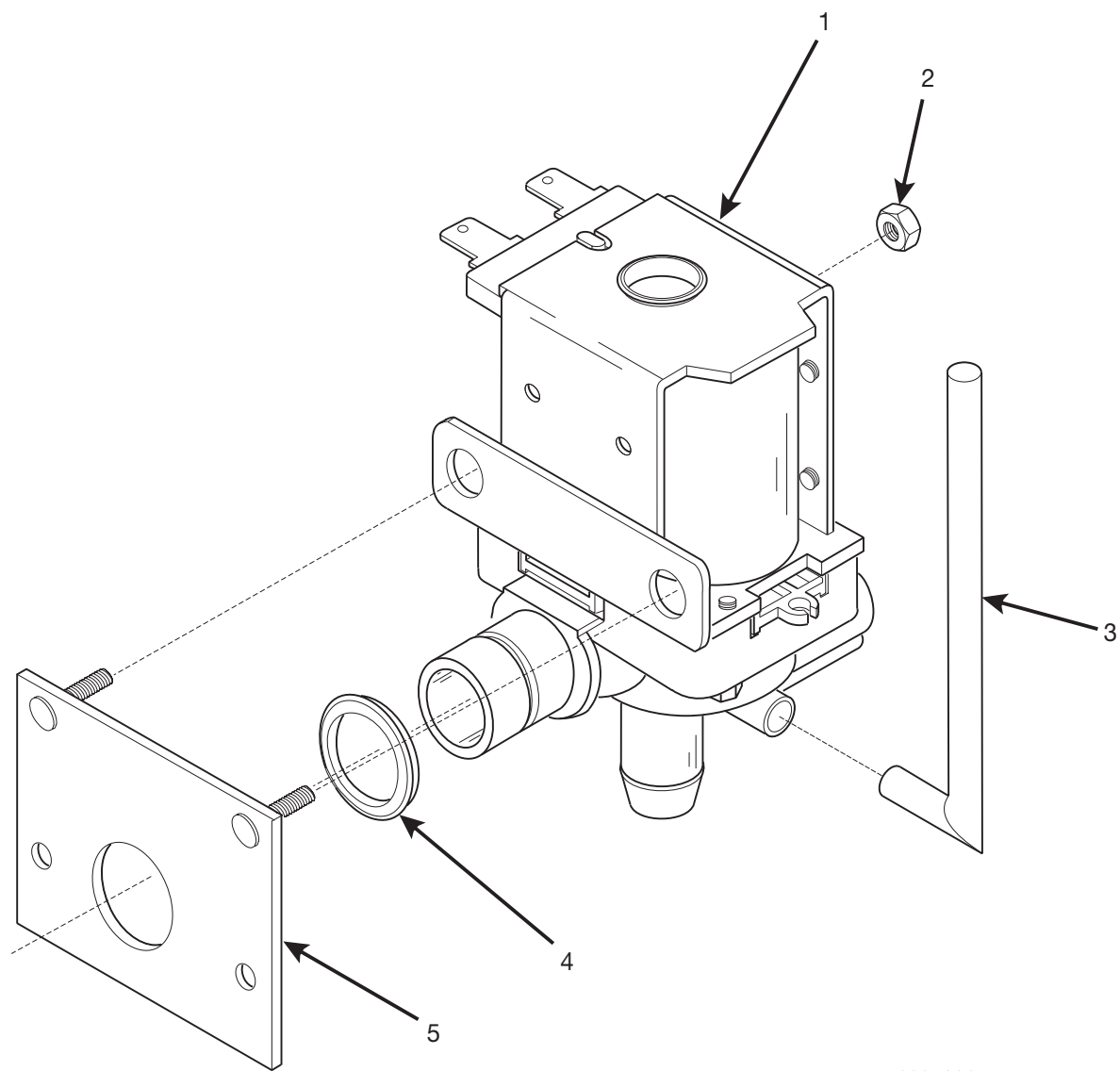
Figure 31. Lid Assembly - Water Tank

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**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

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630p0017

Figure 32. Valve Assembly - Hot Water



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**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

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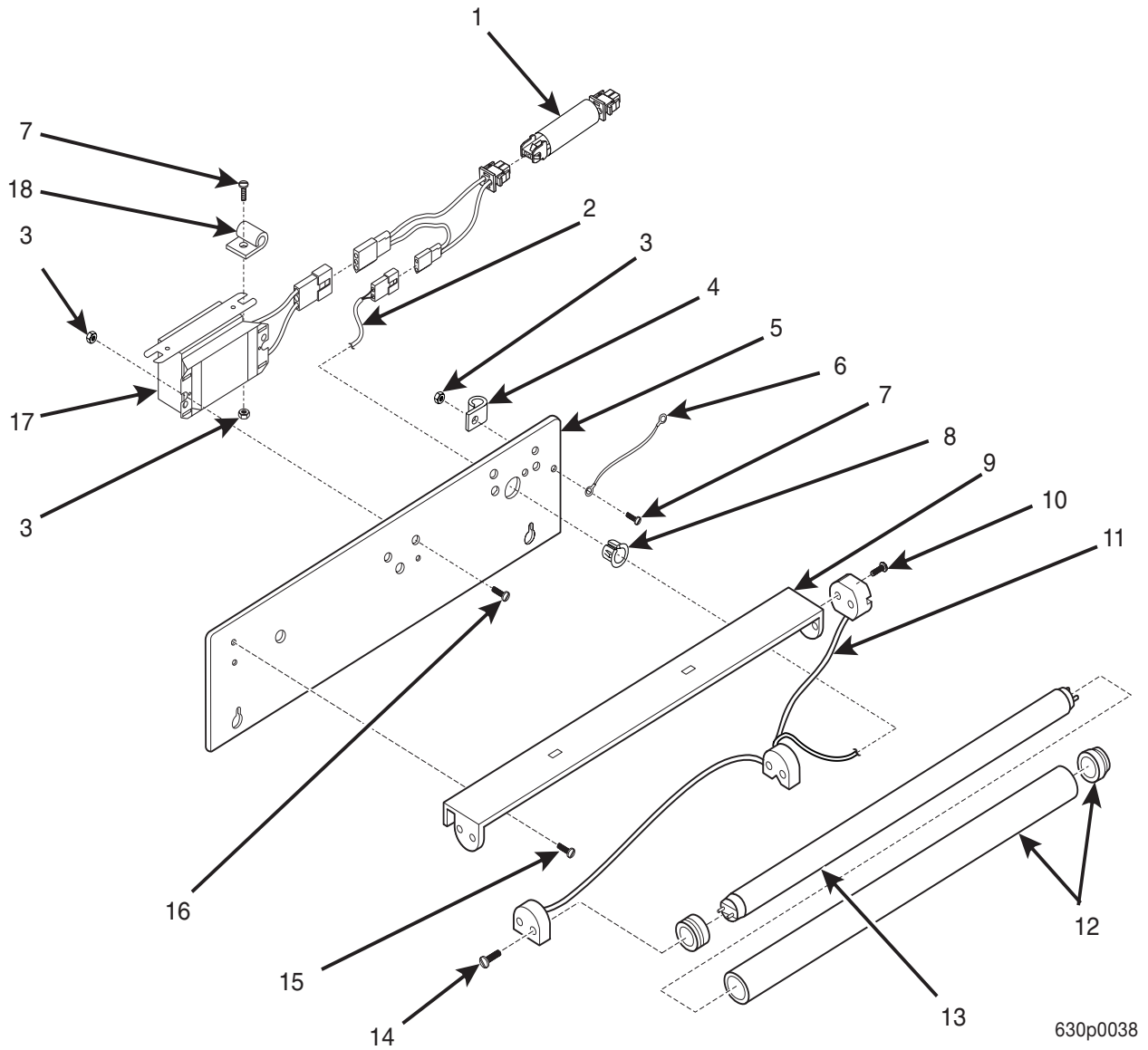


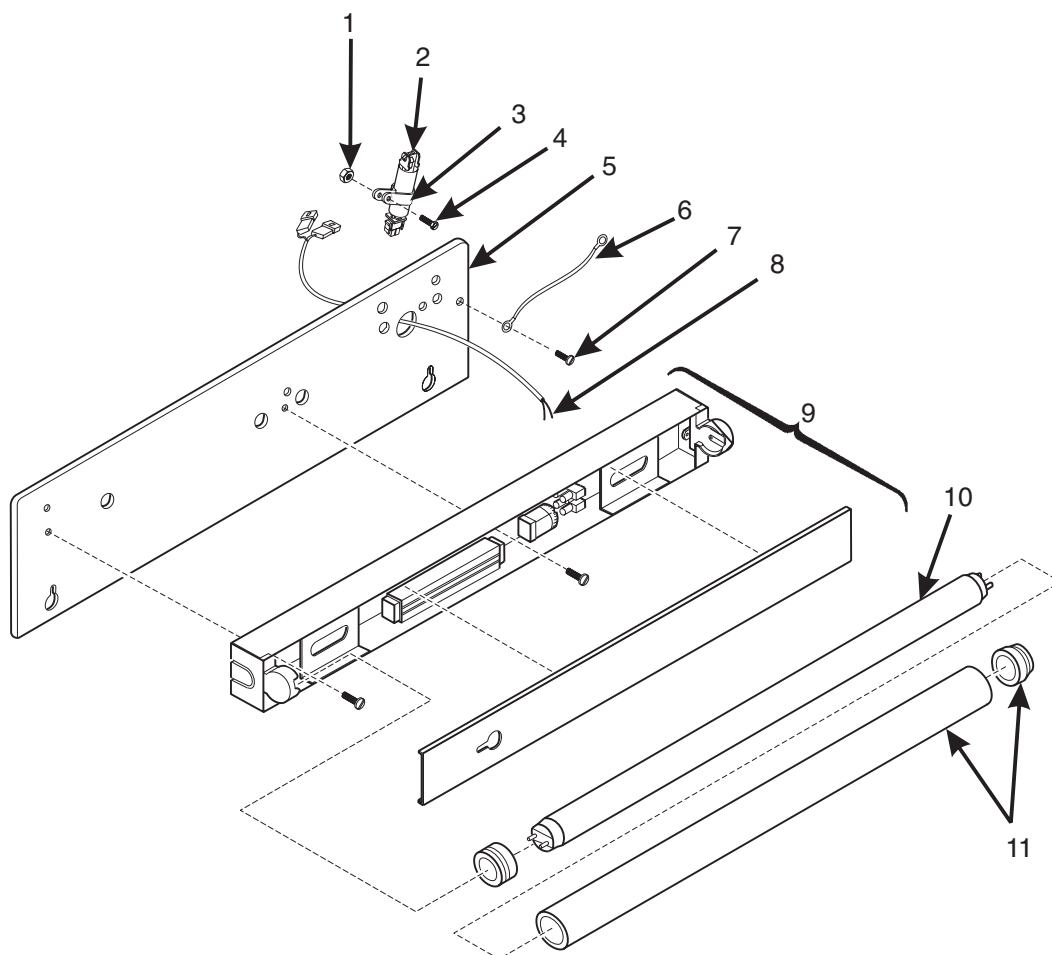
Figure 33. Service Light/Bracket Assembly - 115 V

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**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

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630P0029

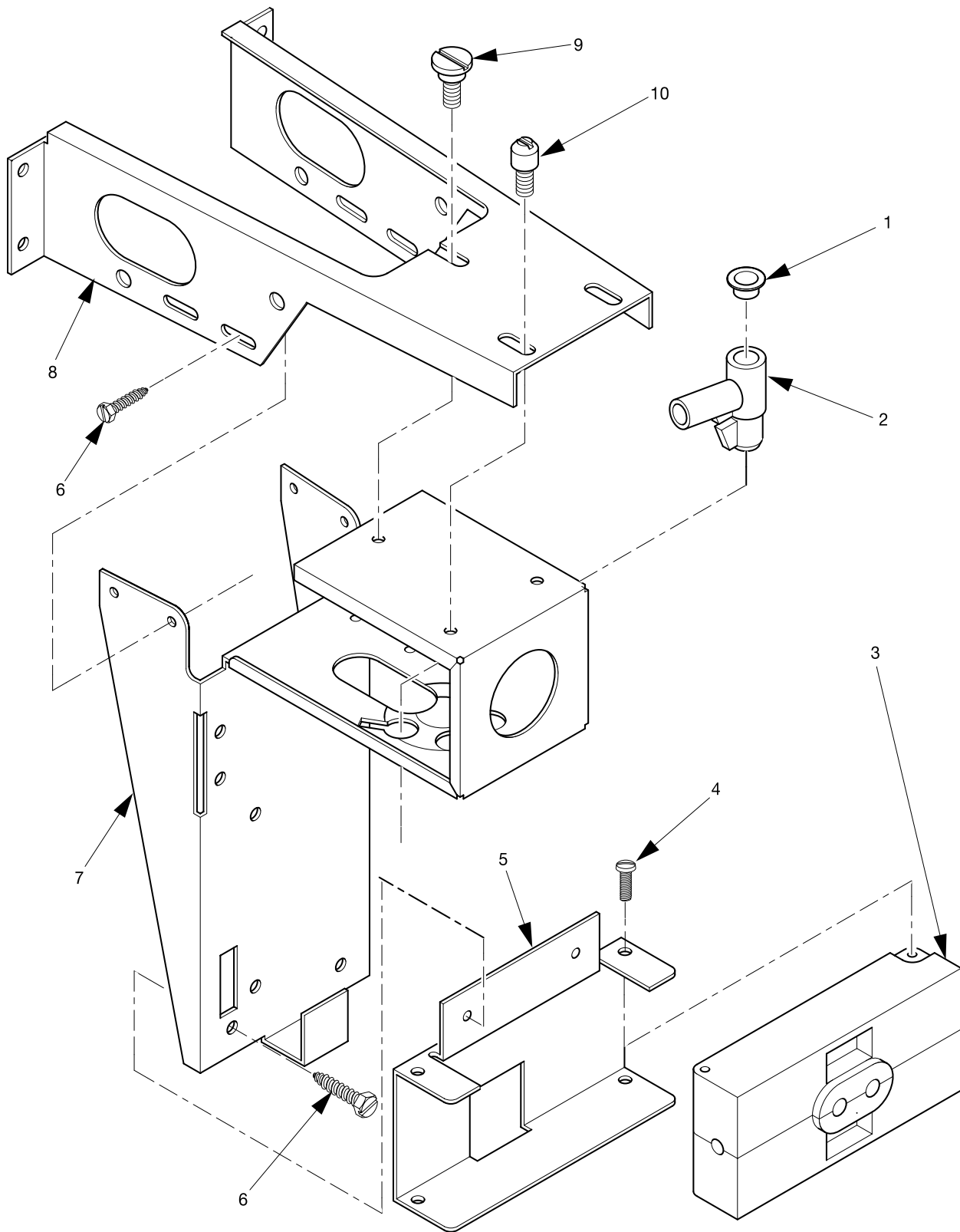
Figure 34. Service Light/Bracket Assembly - 230 V

# 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

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630p0042

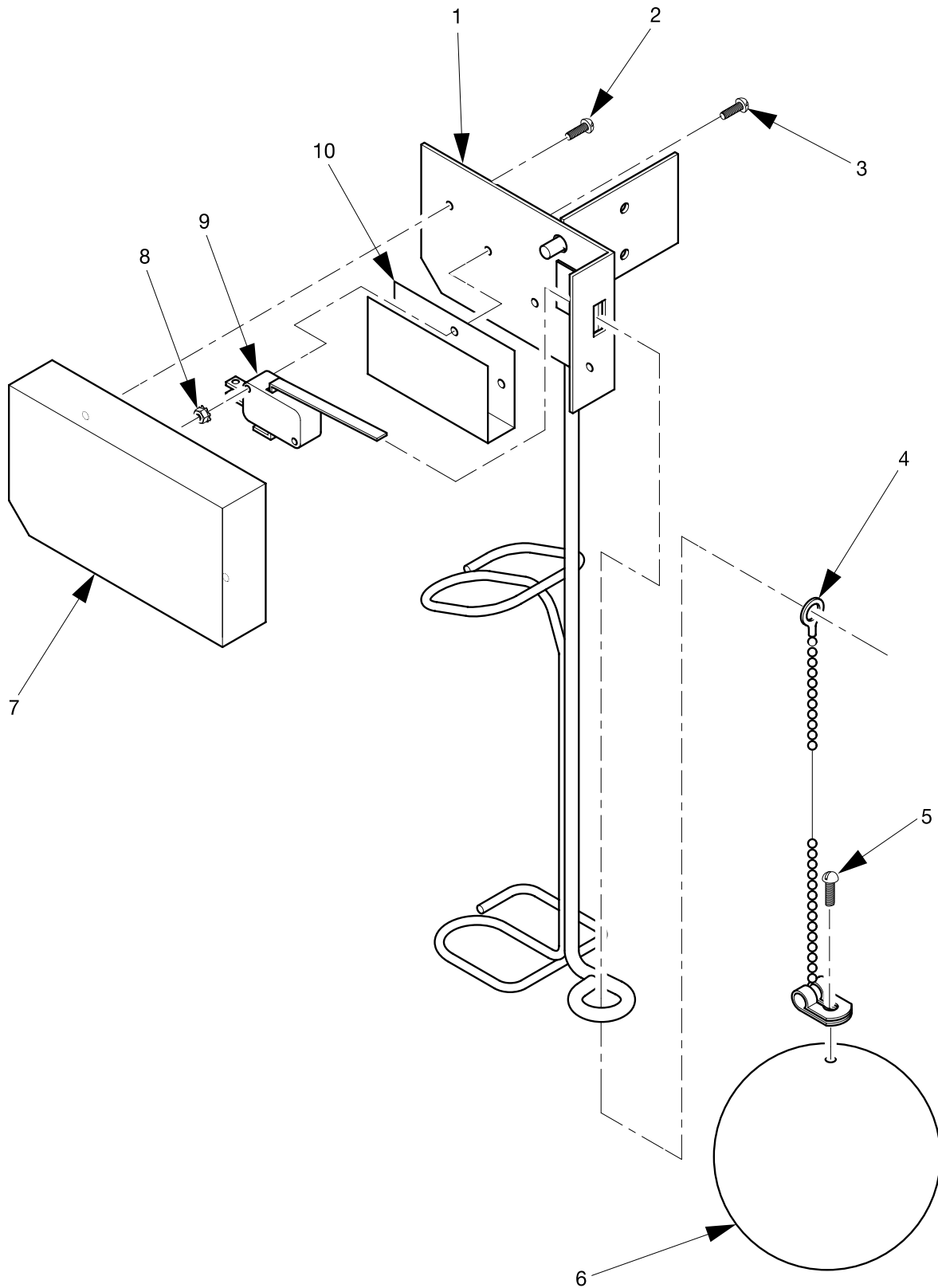
Figure 35. Cup Station Support, Overflow Switch, and Cup Sensor

# 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

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630p0041

Figure 36. Overflow Switch Assembly

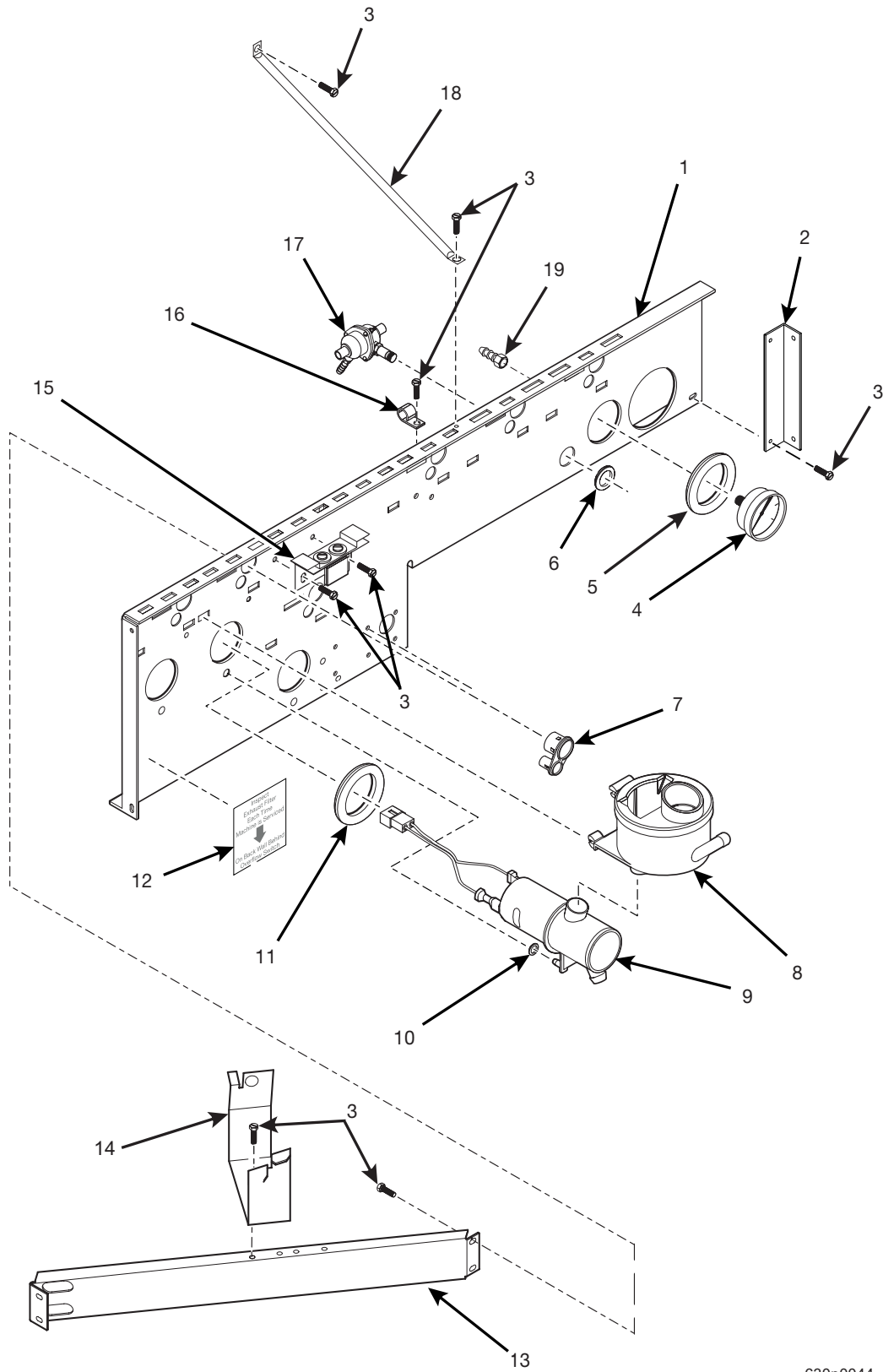


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TABLE 36. OVERFLOW SWITCH ASSEMBLY

<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

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630p0044

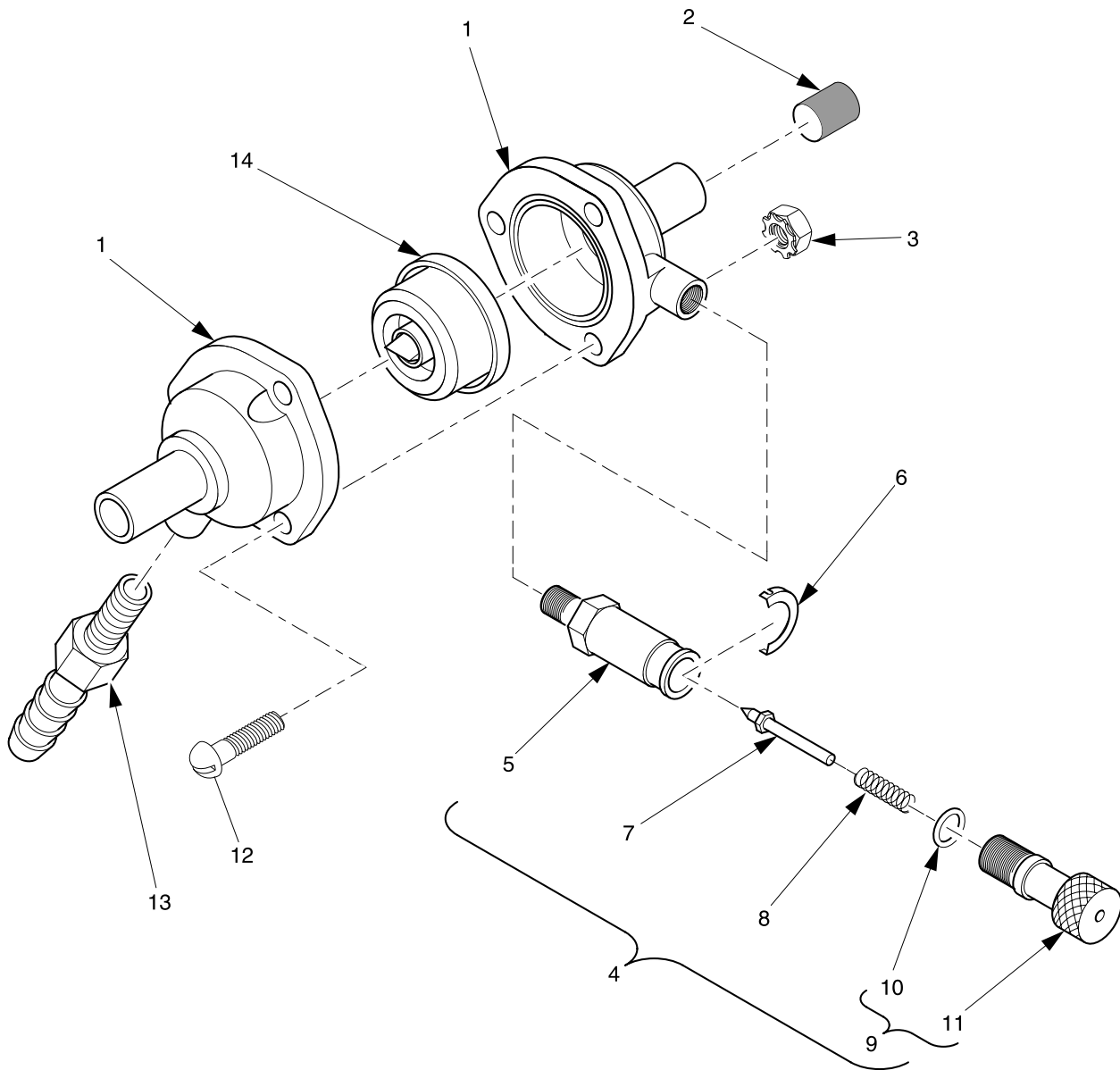
Figure 37. Canister Support Assembly

# 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

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630p0045

Figure 38. Regulator Assembly

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**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

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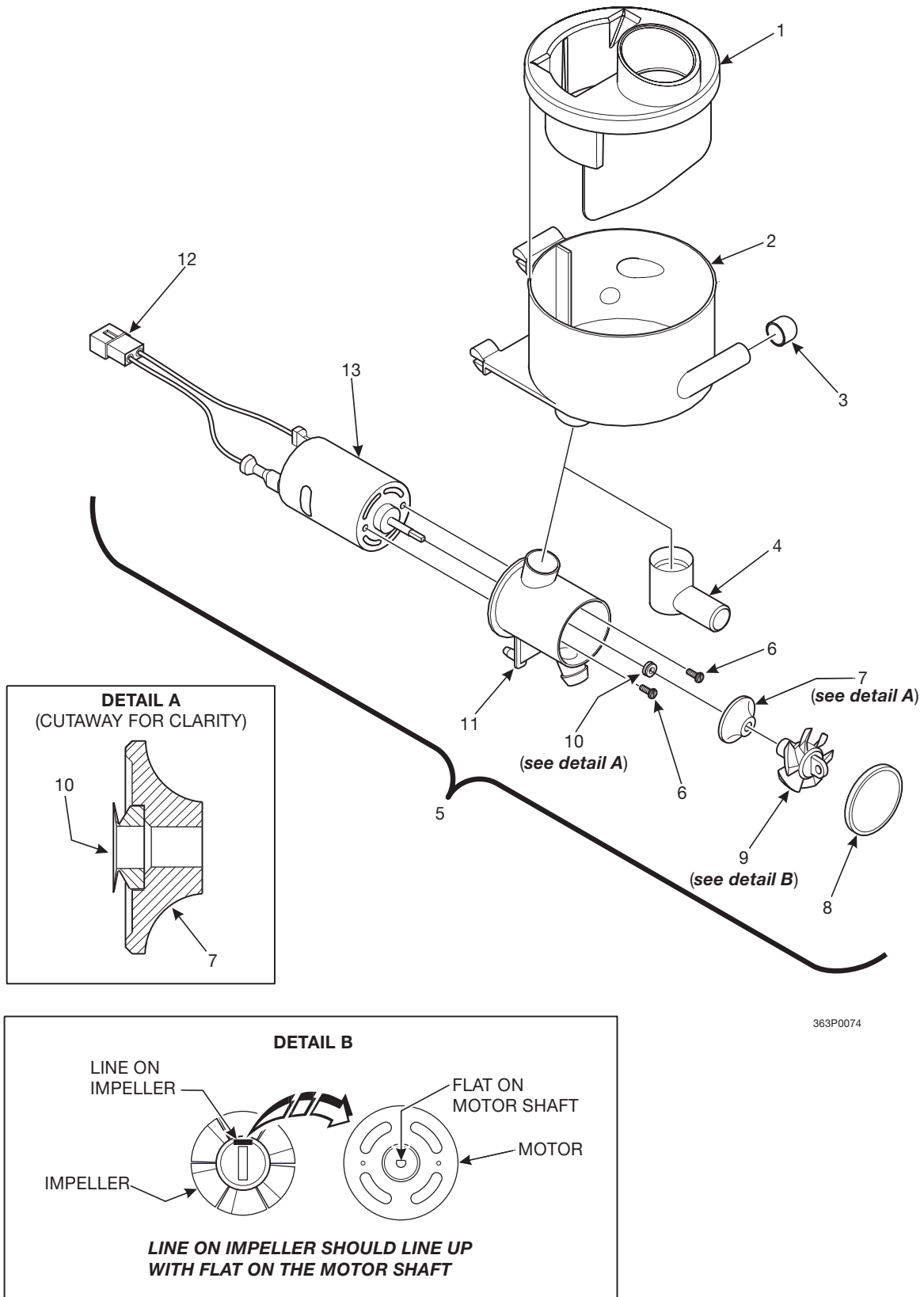


Figure 39. Mixing Bowl and Whipper Assembly

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**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

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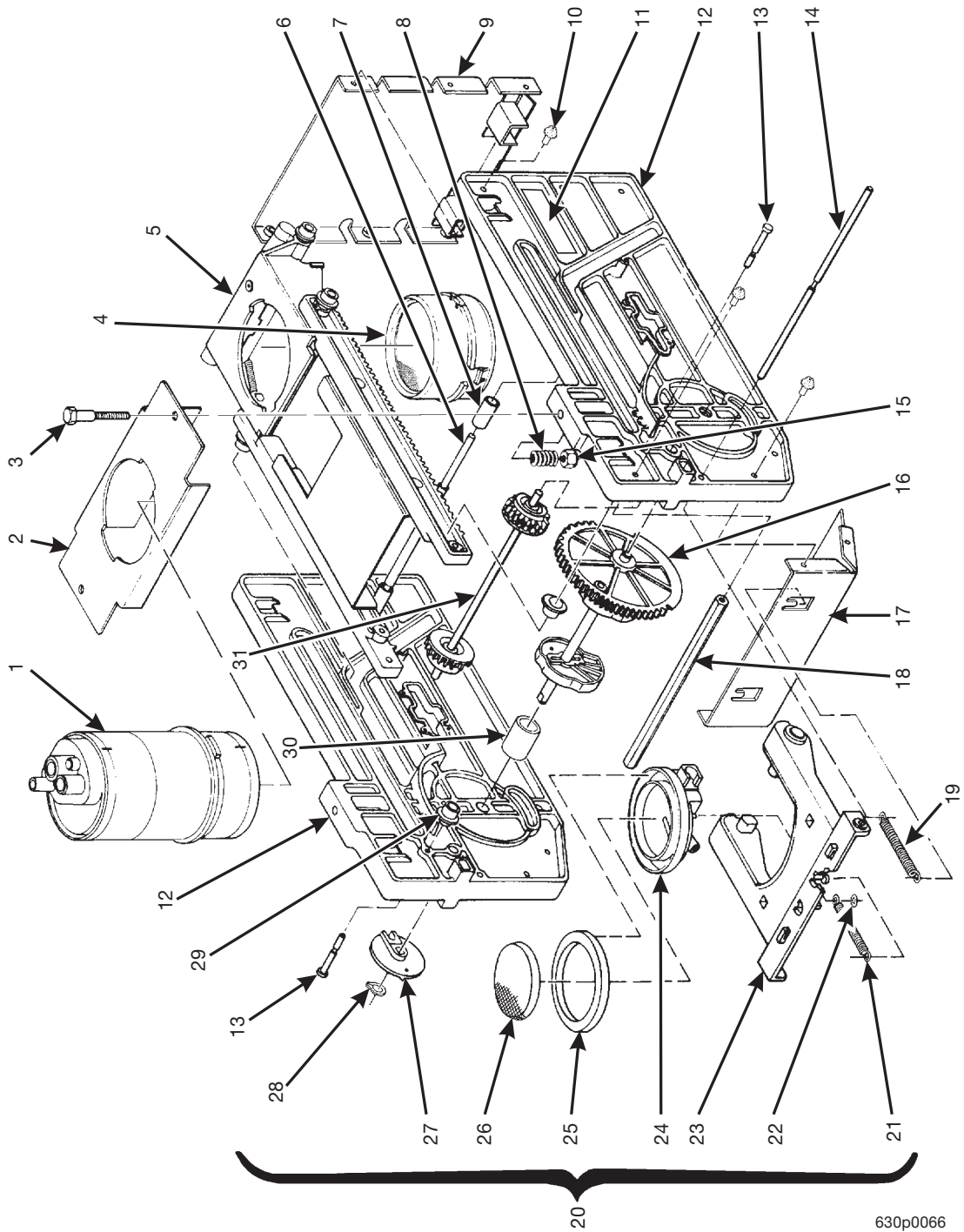


Figure 40. Single Brewer Assembly (Without Filter)



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**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

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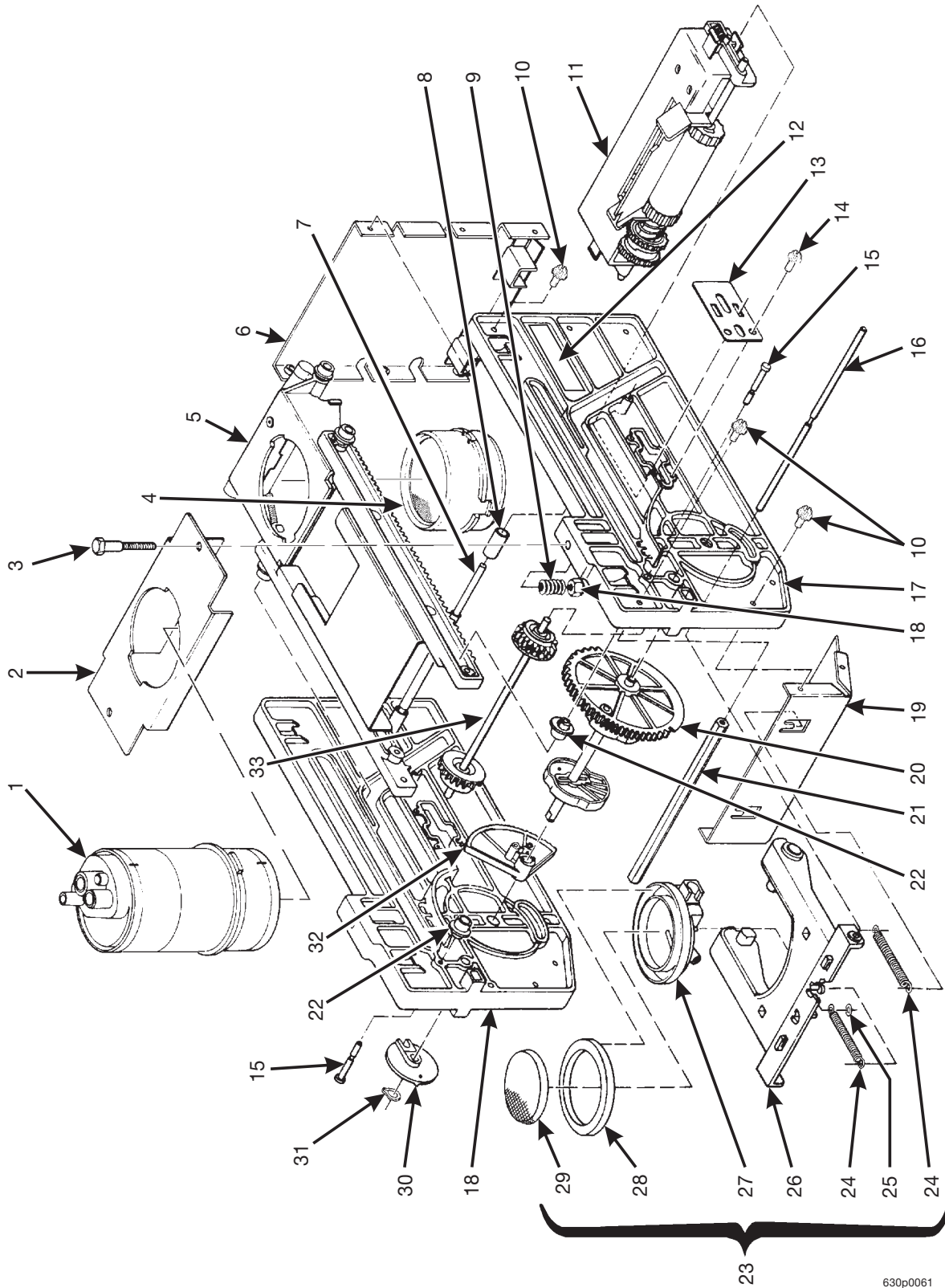


Figure 41. Single Brewer Assembly - With Filter

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**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

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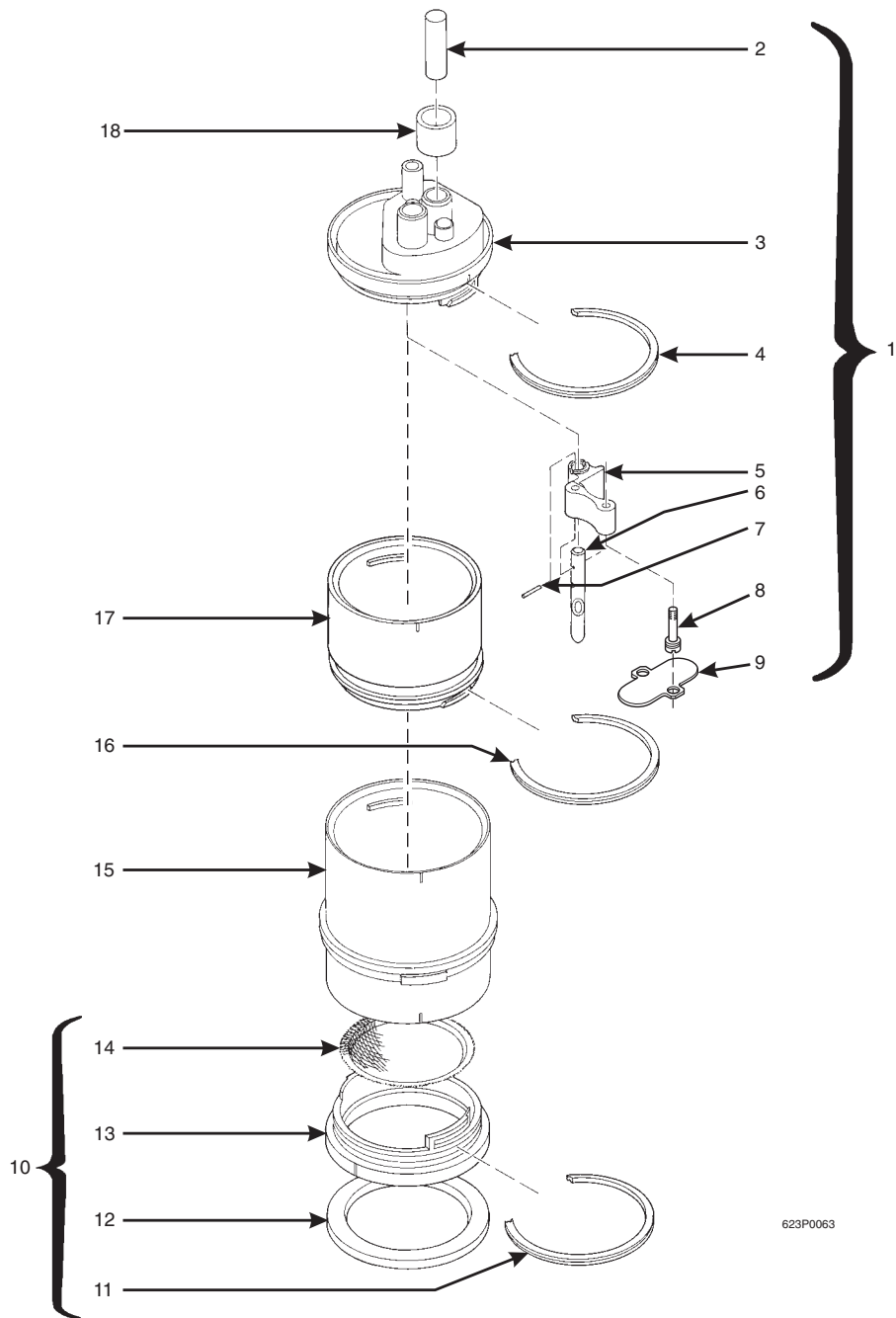


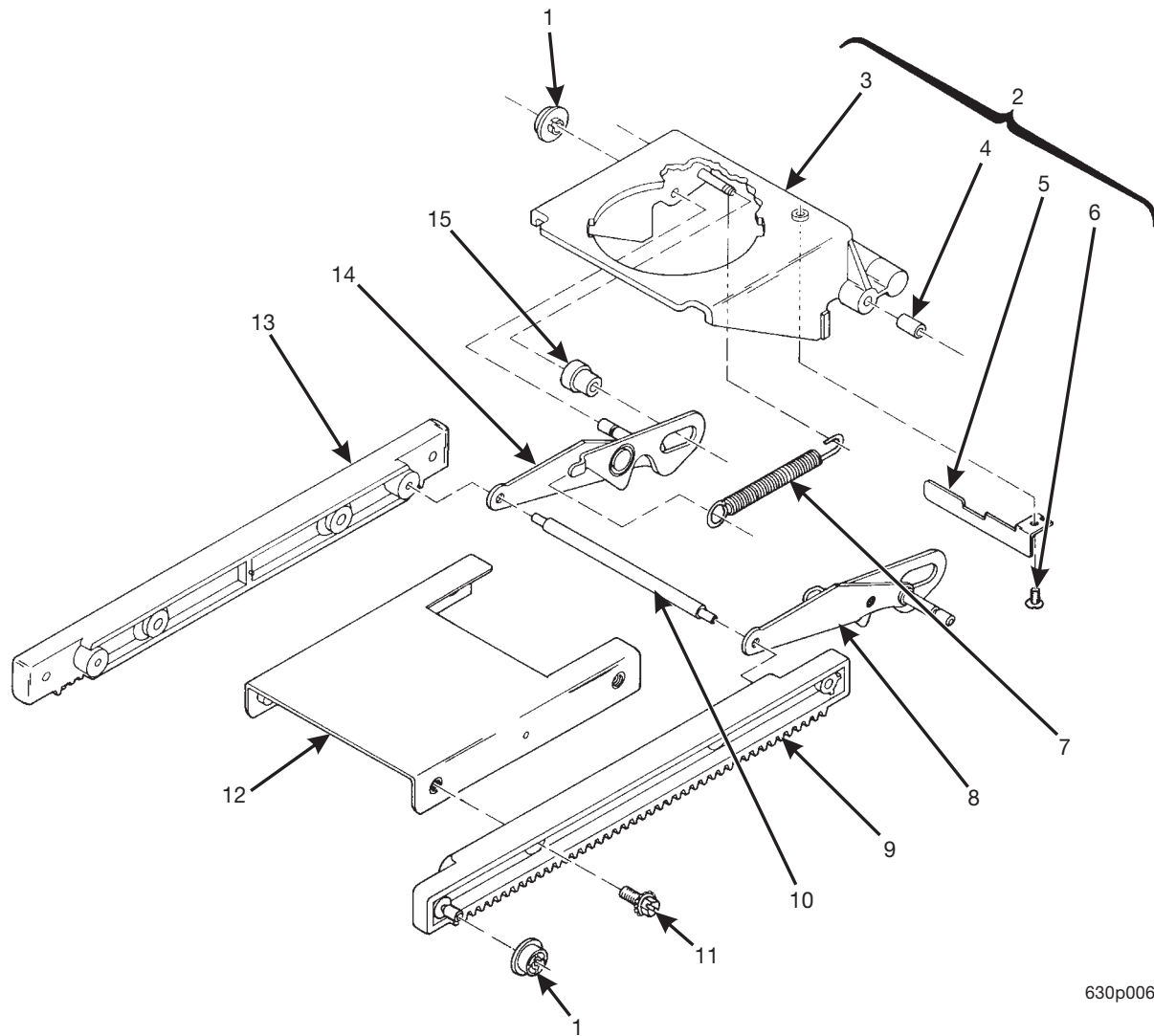
Figure 42. Barrel Assembly - Single Brewer

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**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

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630p0062

Figure 43. Rack Assembly

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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

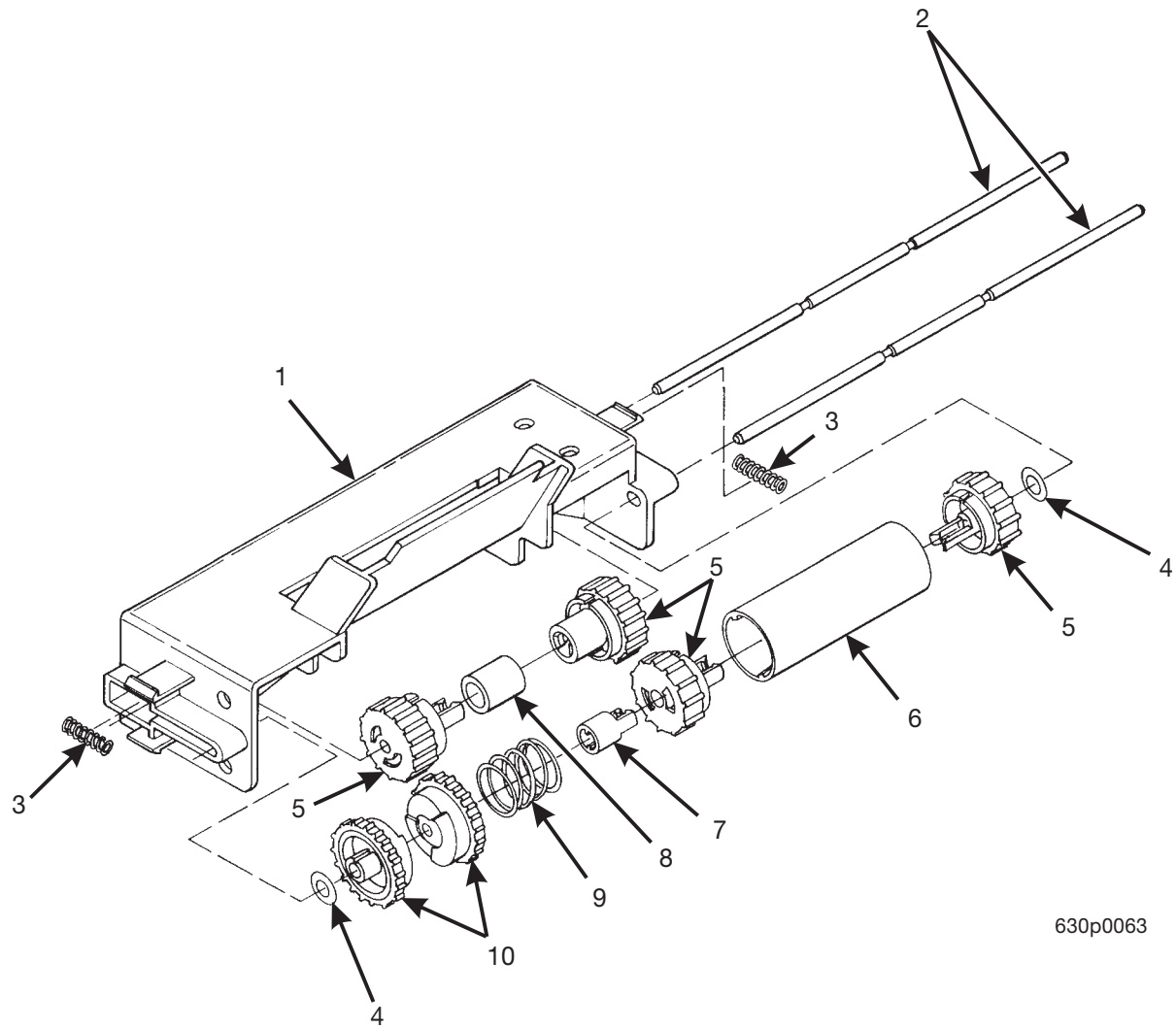


Figure 44. Paper Mechanism Assembly - Single Brewer With Filter

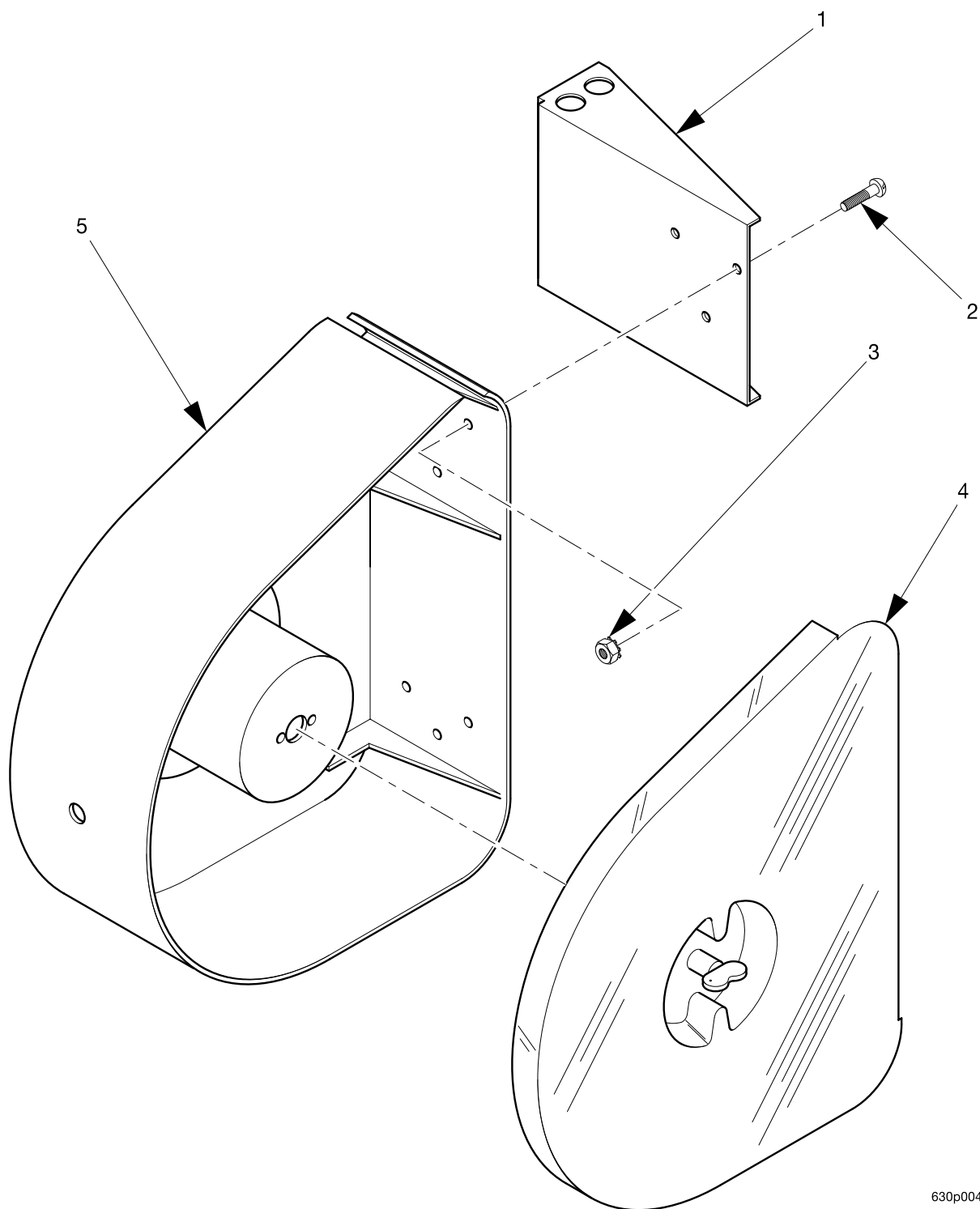


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**TABLE 44. PAPER MECHANISM ASSEMBLY - SINGLE BREWER WITH FILTER**

<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

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Figure 45. Filter Paper Housing

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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

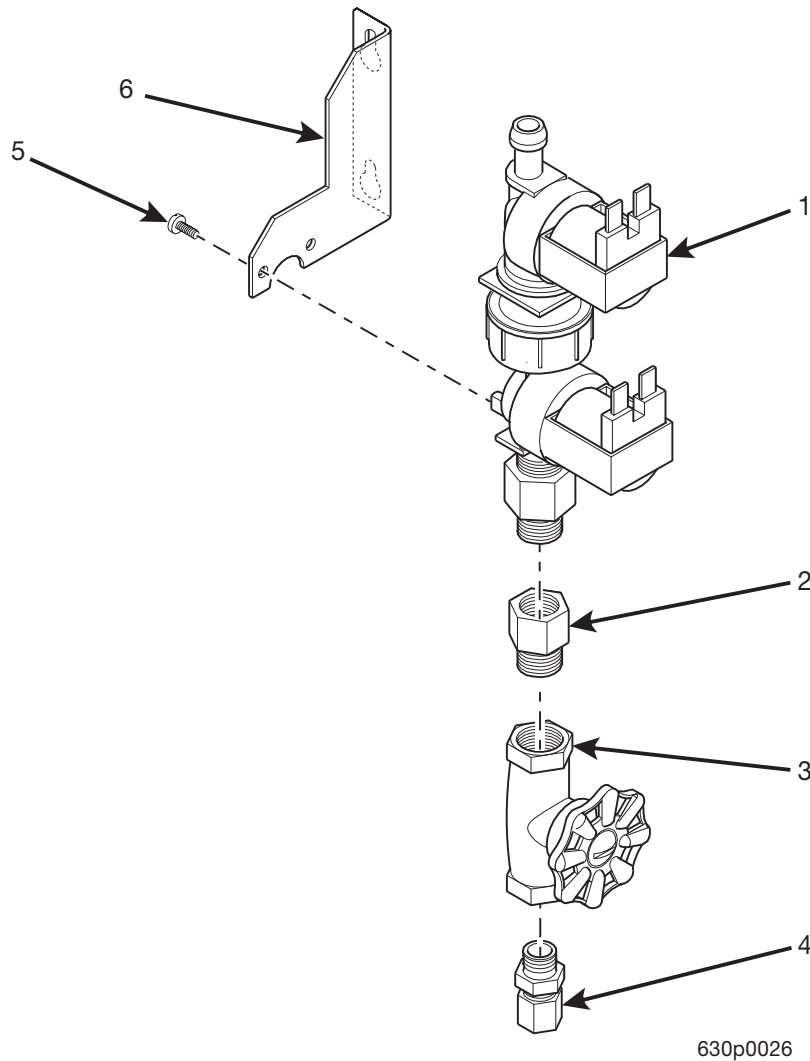
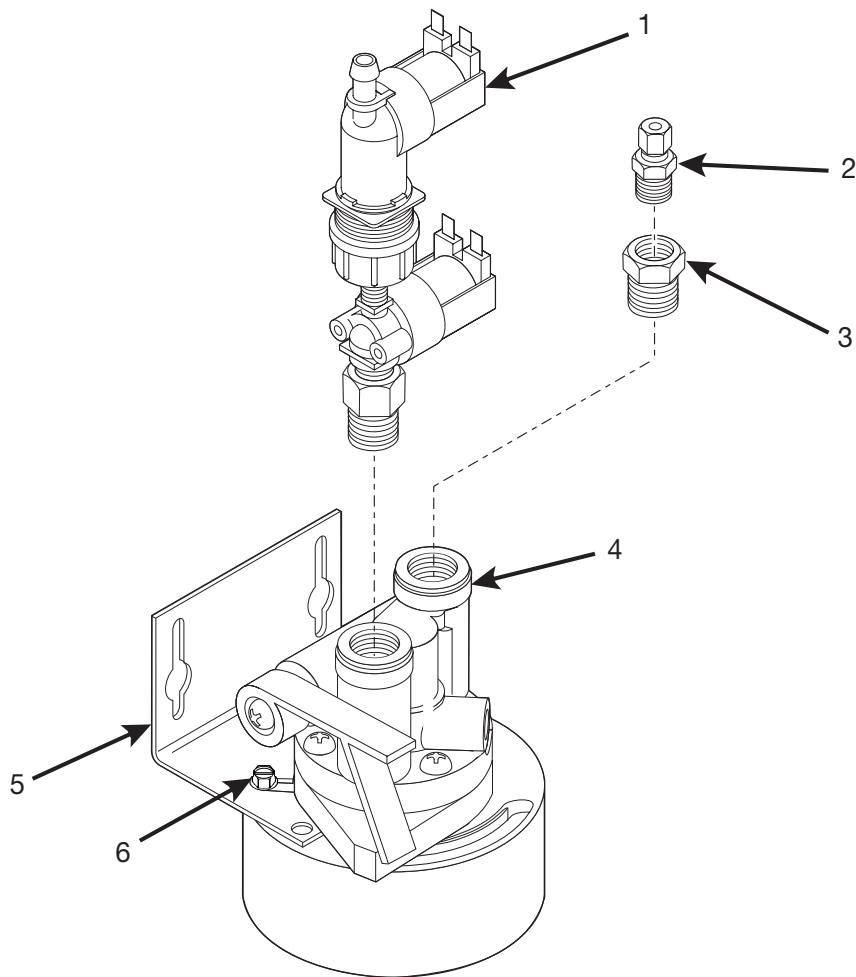


Figure 46. Water Valve Assembly - Without Filter

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**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

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**TABLE 47. FILTER HEAD ASSEMBLY - WITH HYDROLIFE FILTER**

<i>INDEX</i>	<i>PART NUMBER</i>	<i>DESCRIPTION</i>	<i>QTY.</i>
-	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	

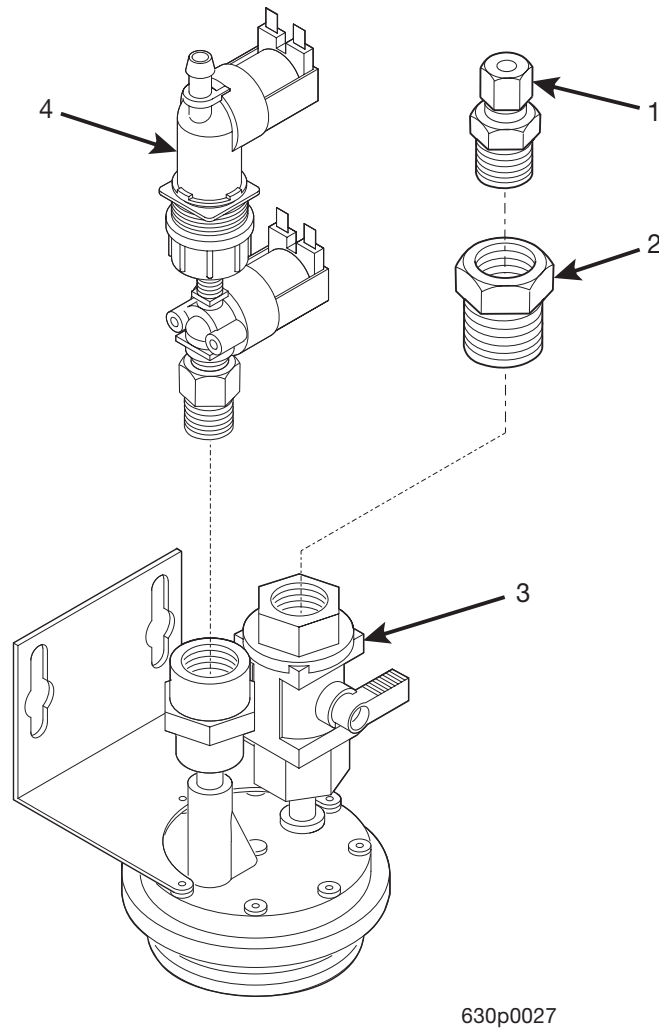
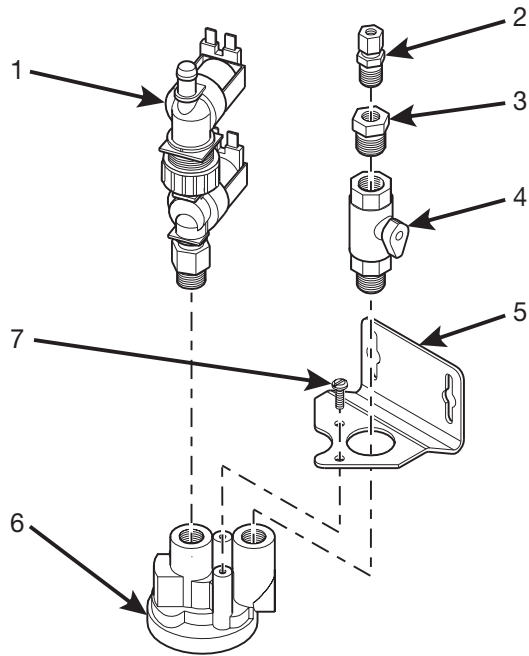


Figure 48. Filter Head Assembly - With Hydrolife Filter

# 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

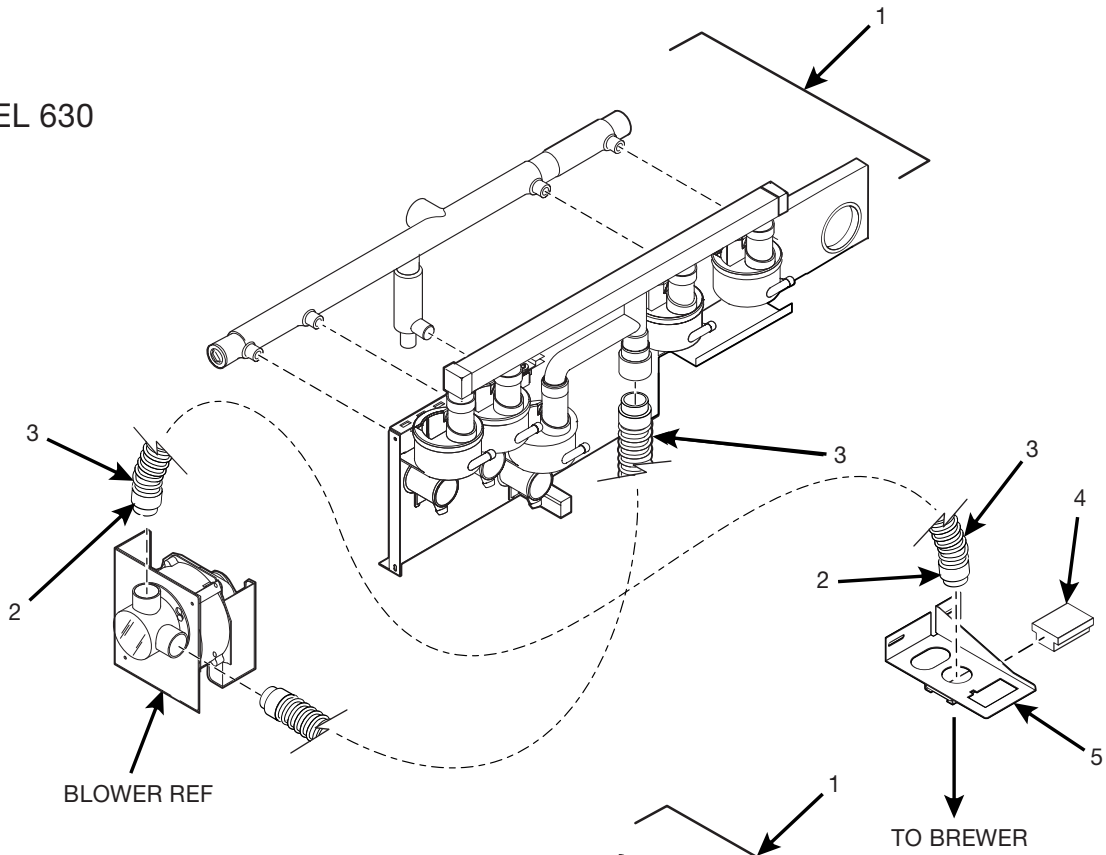


630p0028

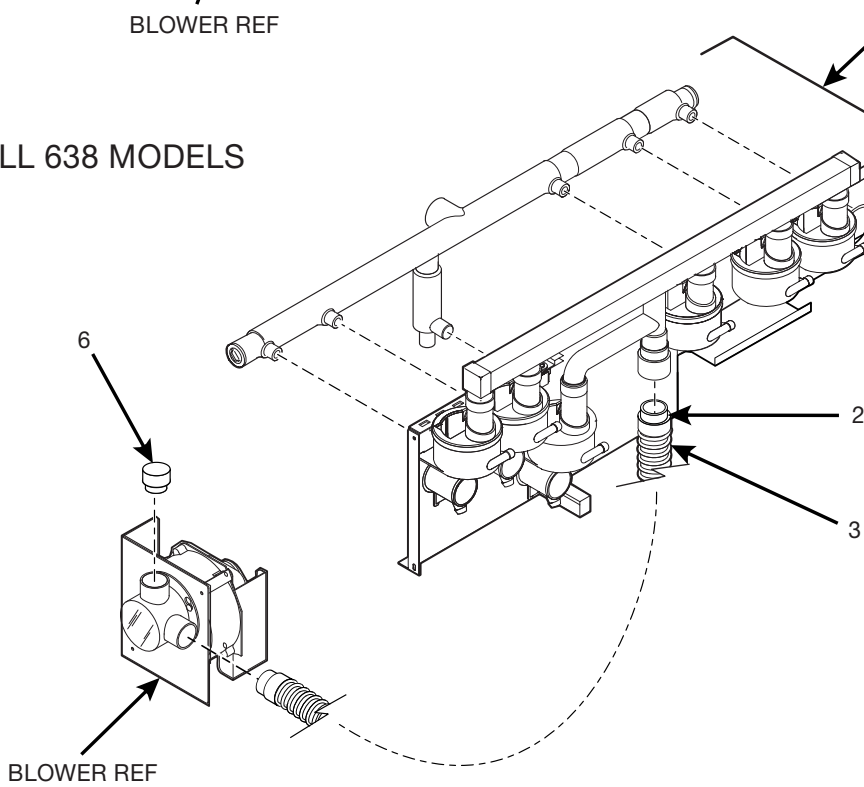
Figure 49. Filter Head Assembly - With Cuno Filter

# Hot Drink Series - Models 630 / 638 - Parts Manual

MODEL 630



ALL 638 MODELS



630P0055

Figure 50. Mixing Bowl and Brewer Ventilation System

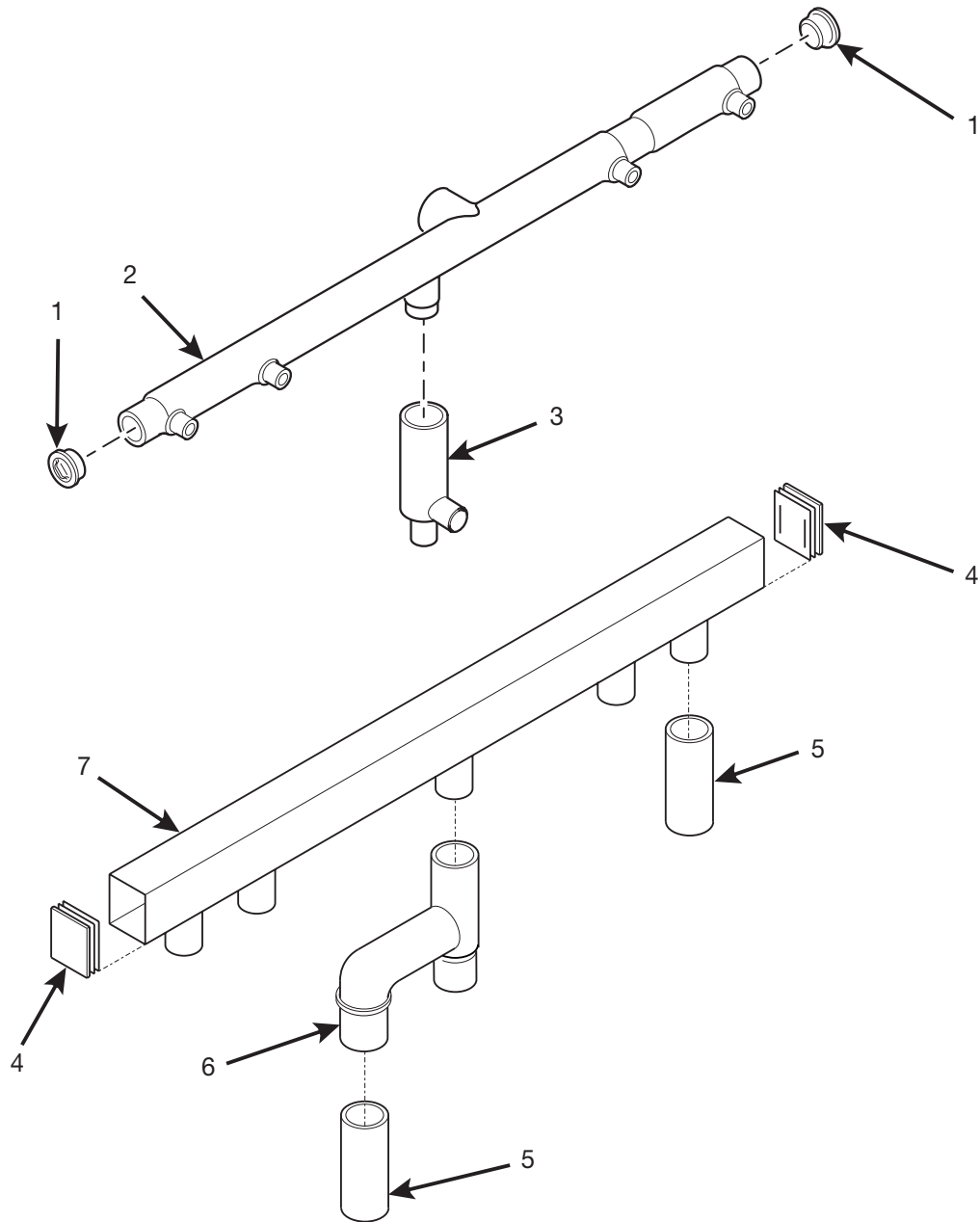


# Hot Drink Series - Models 630 / 638 - Parts Manual

**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

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630p0056

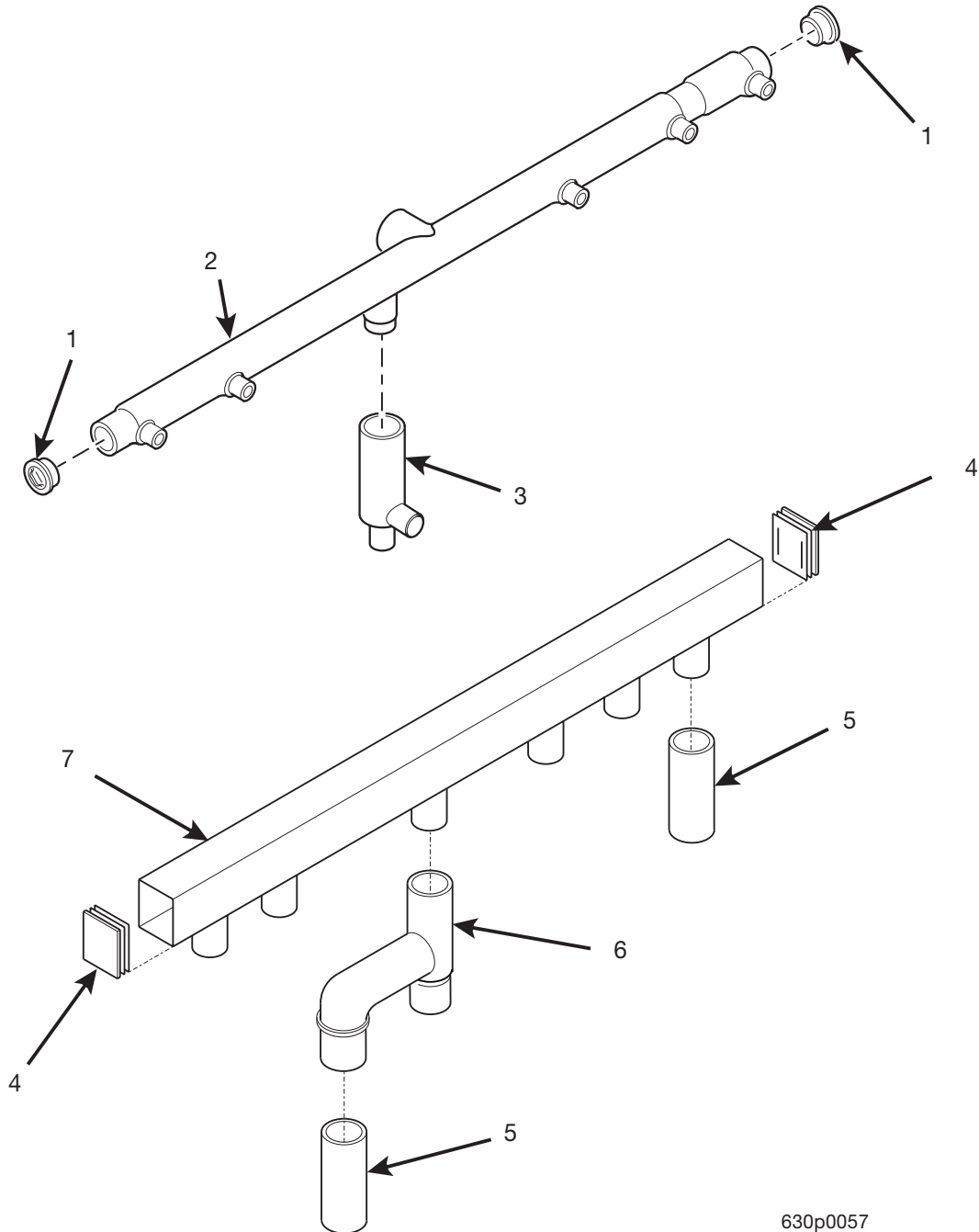
Figure 51. Vent Tubing (Model 630 Only)

# 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



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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

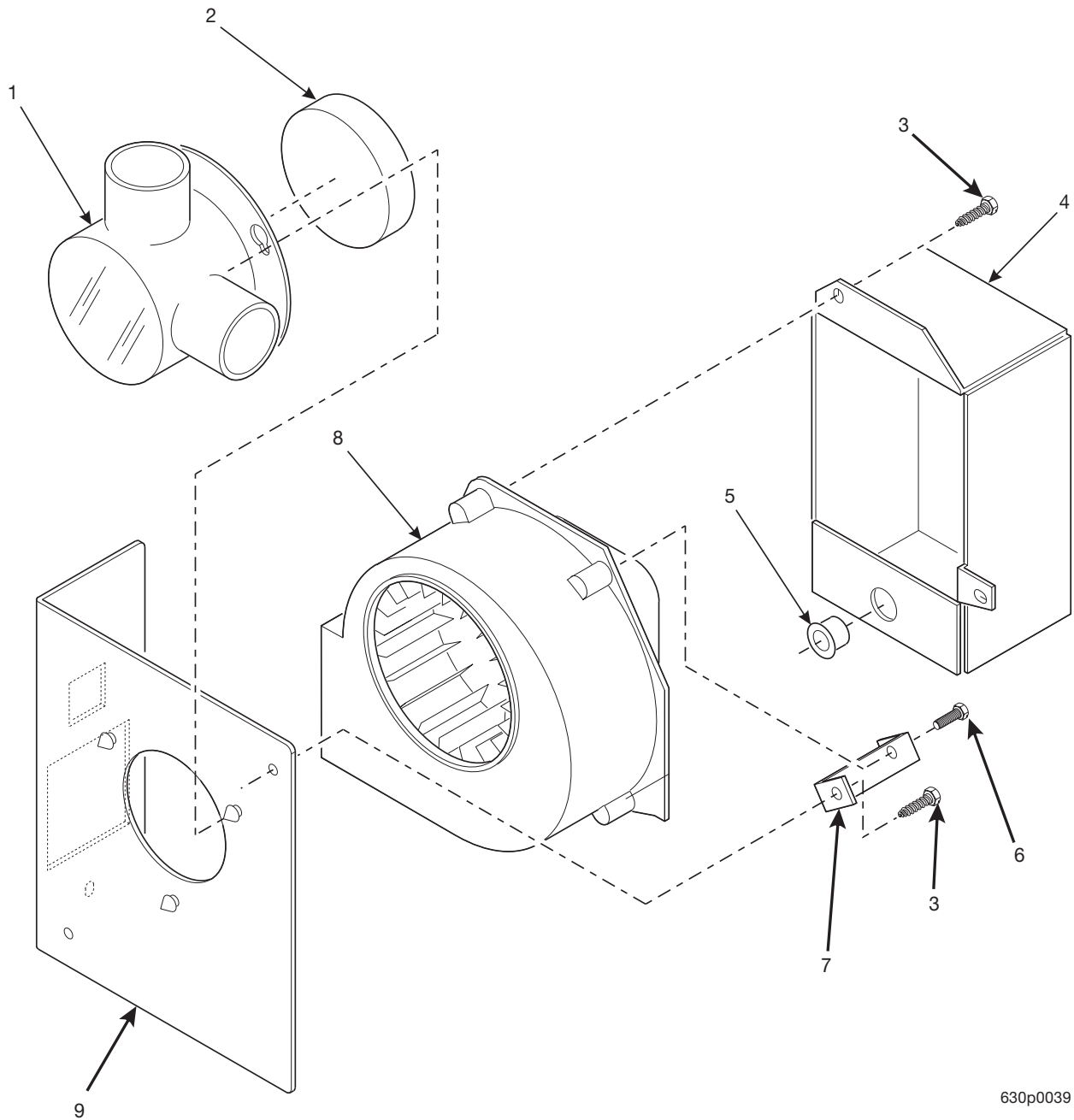


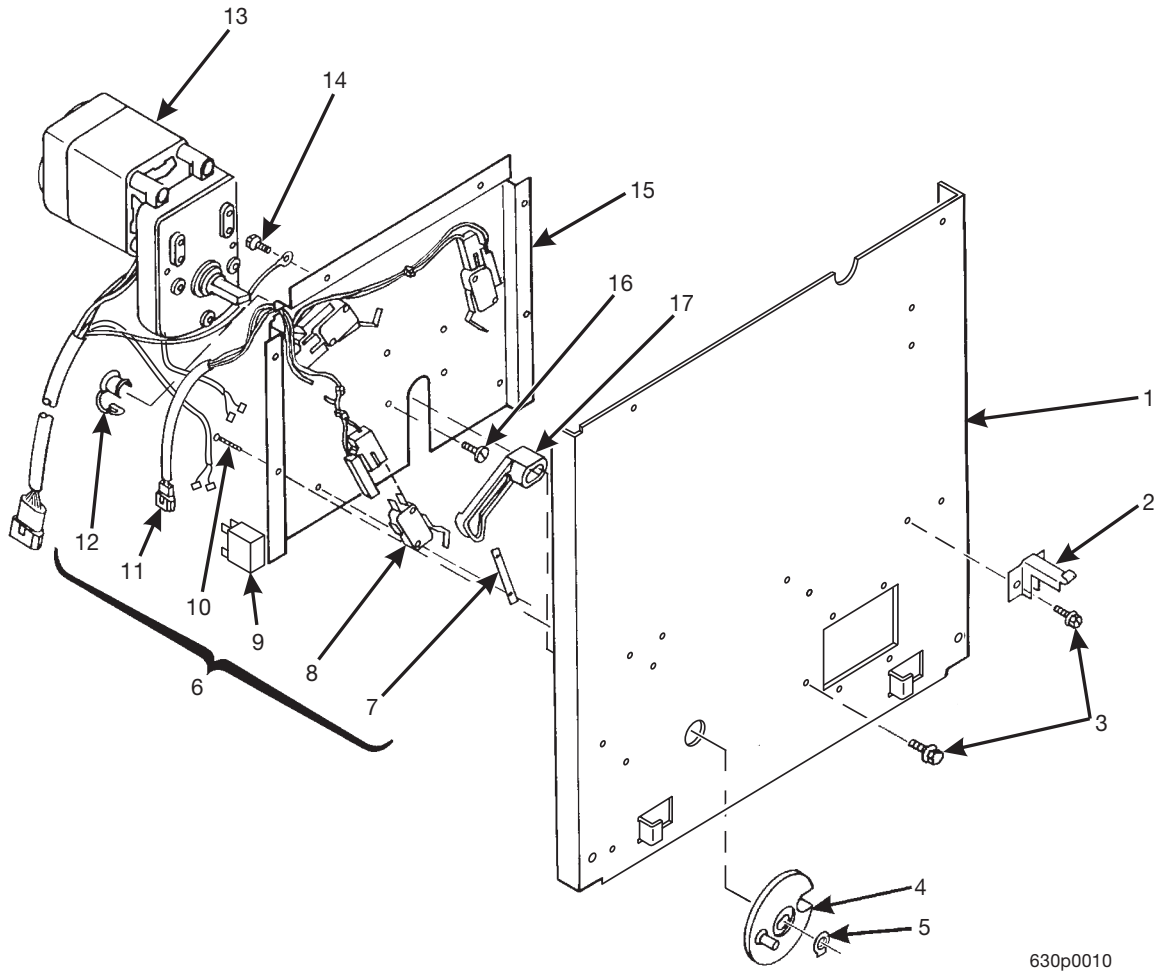
Figure 53. Bracket, Blower, and Cover Assembly

# 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

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630p0010

Figure 54. Brewer Drive Assembly

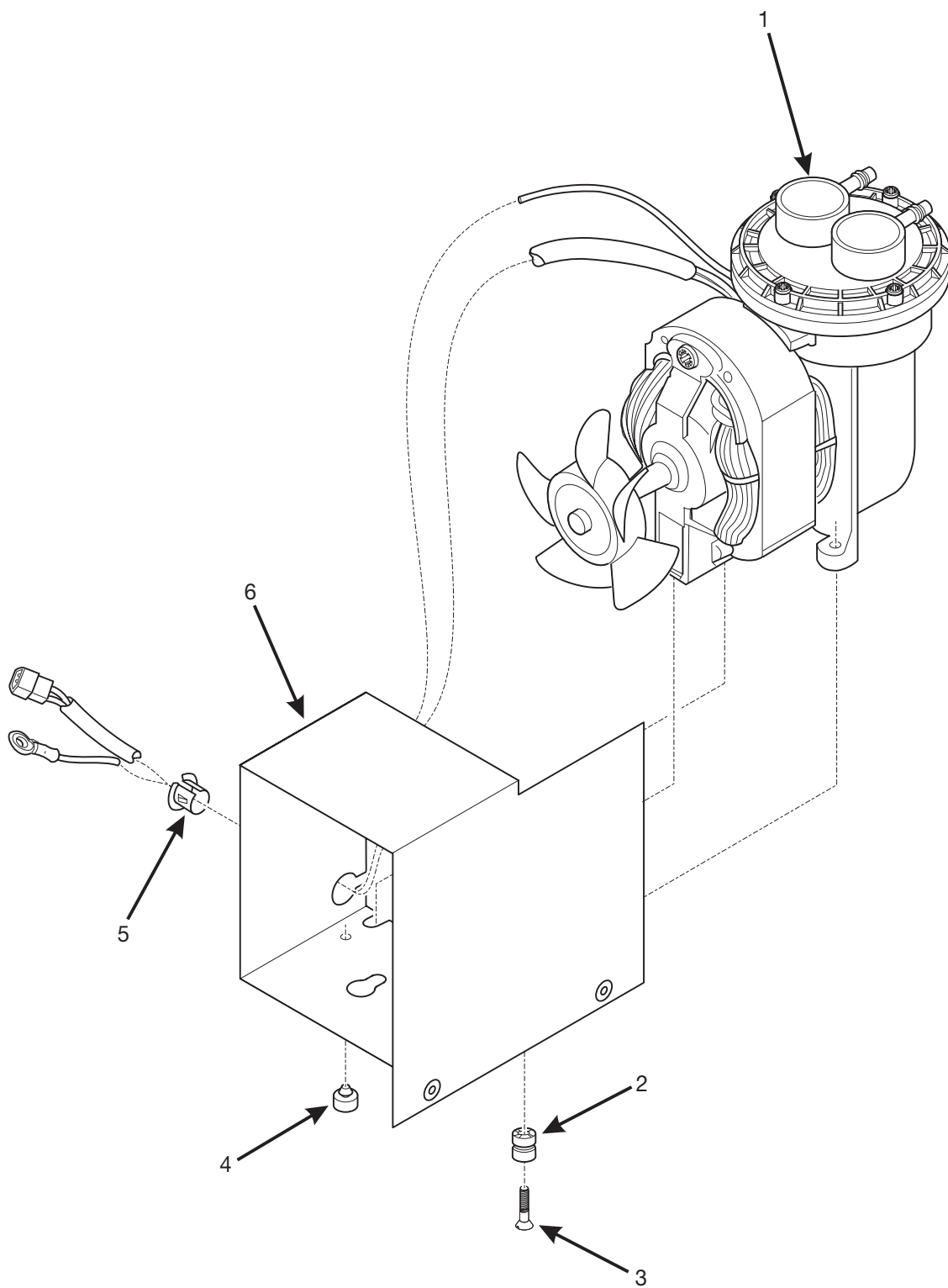


# Hot Drink Series - Models 630 / 638 - Parts Manual

**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

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630p0040

Figure 55. Air Compressor Assembly

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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

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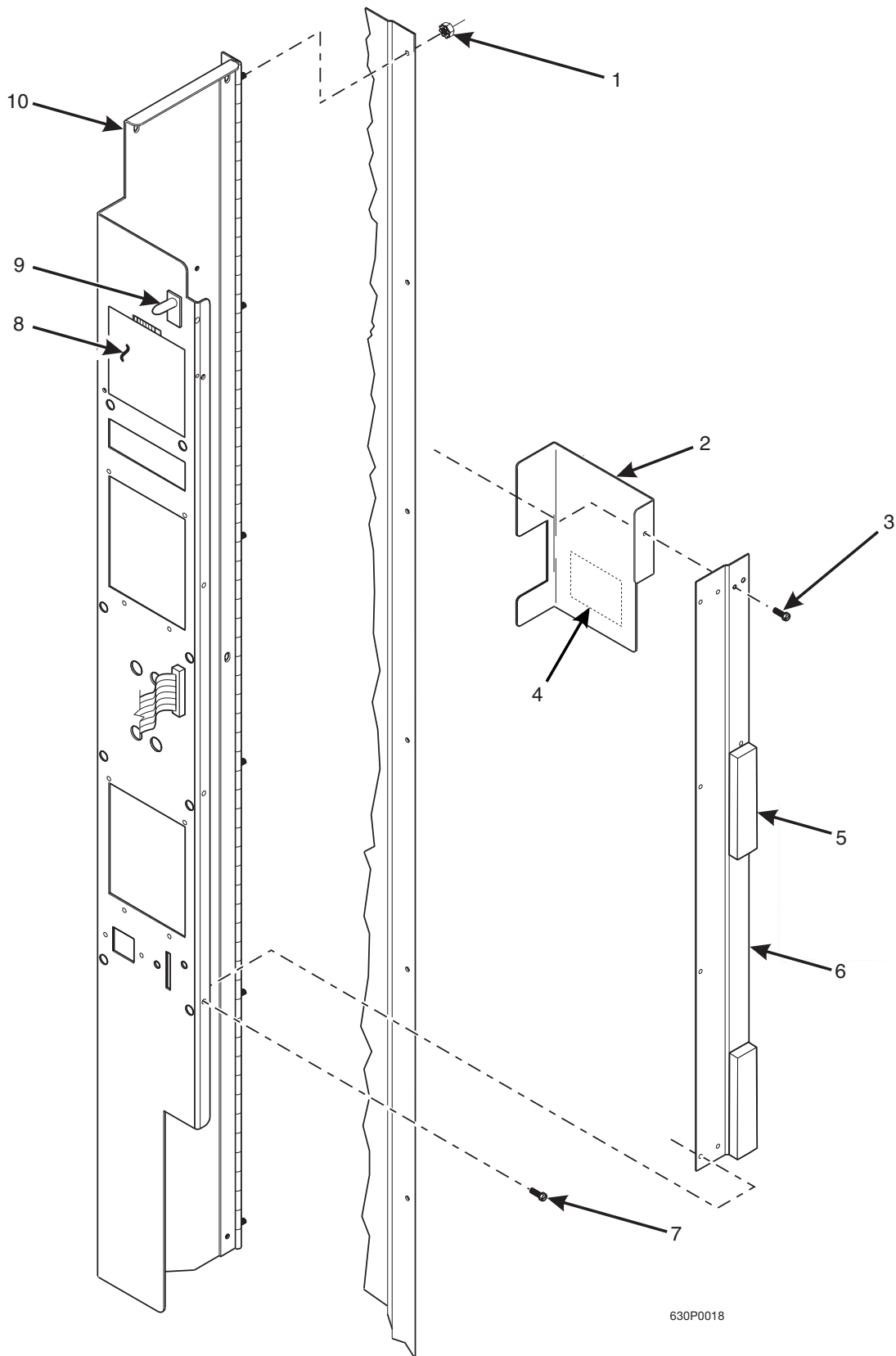


Figure 56. Monetary Panel - Part 1

# 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

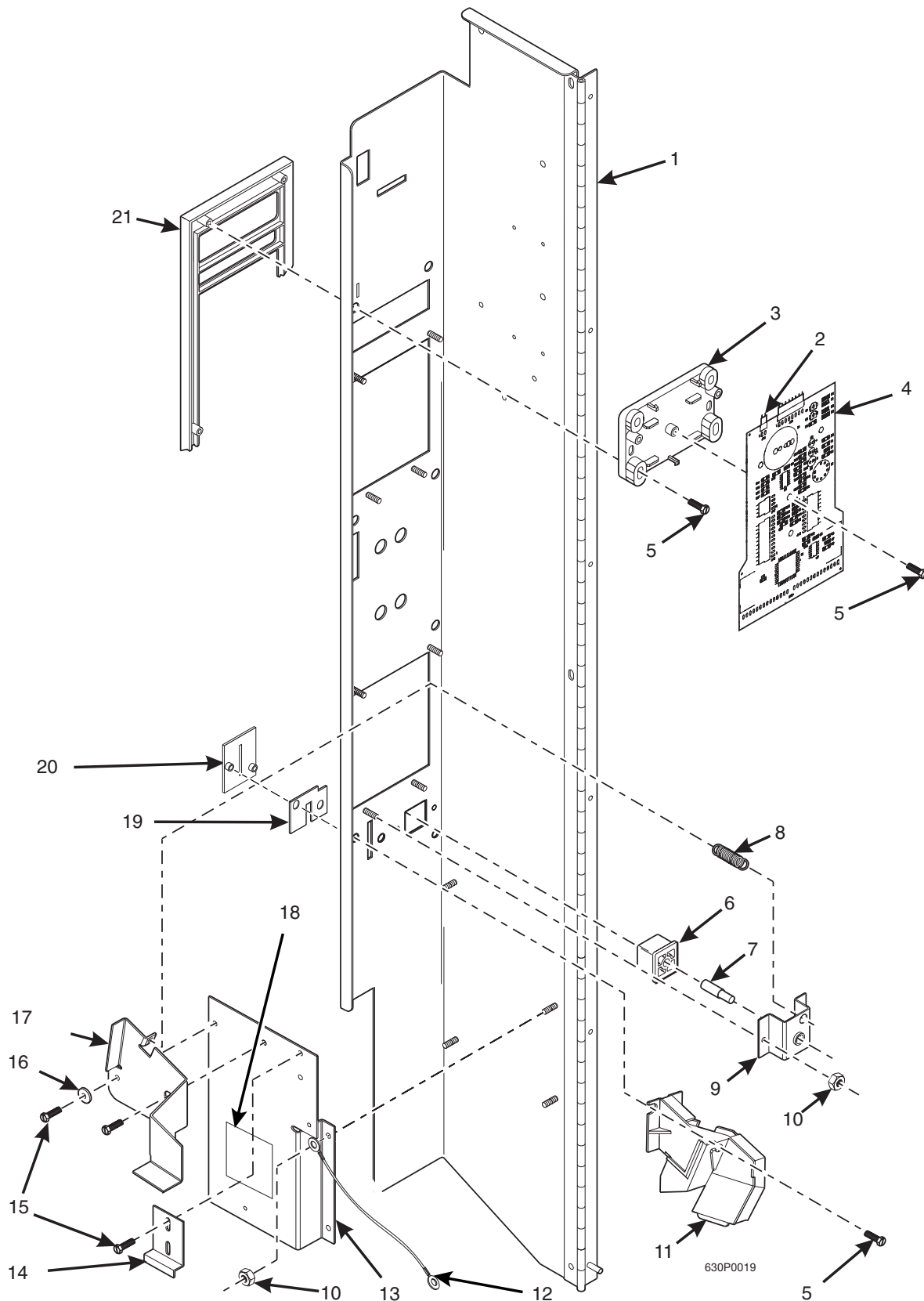


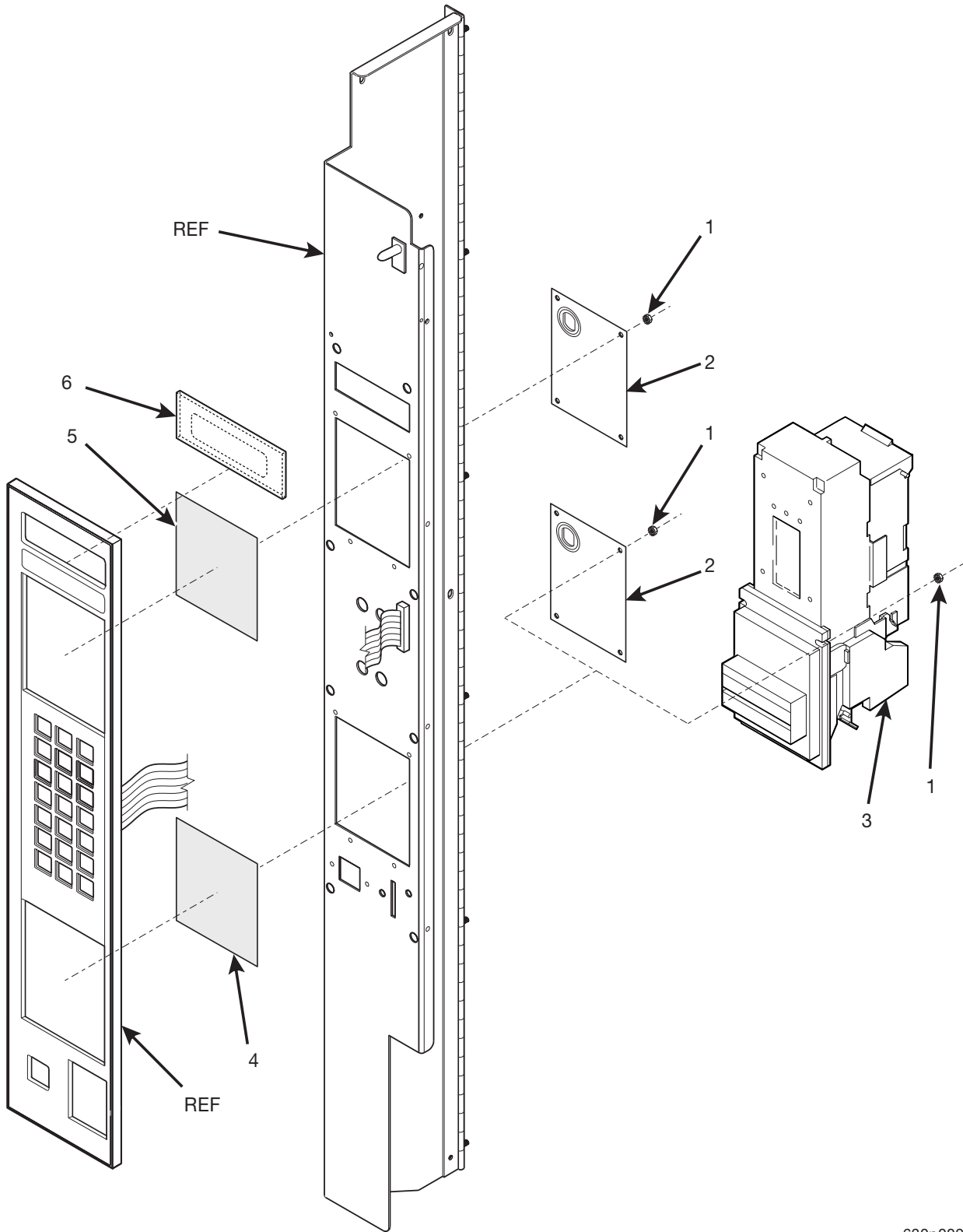
Figure 57. Monetary Panel - Part 2

# 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

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630p0020

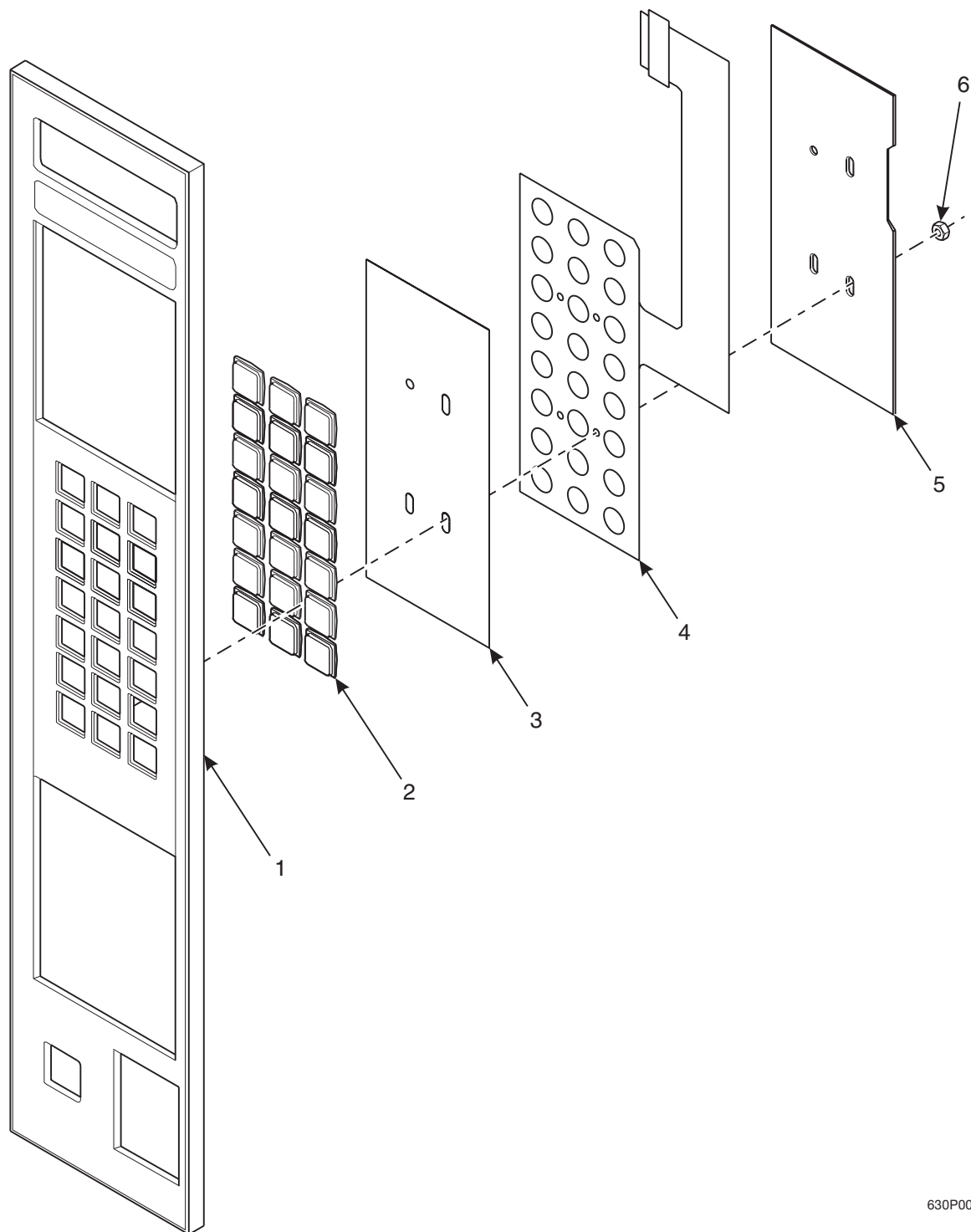
Figure 58. Monetary Panel - Part 3



# 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

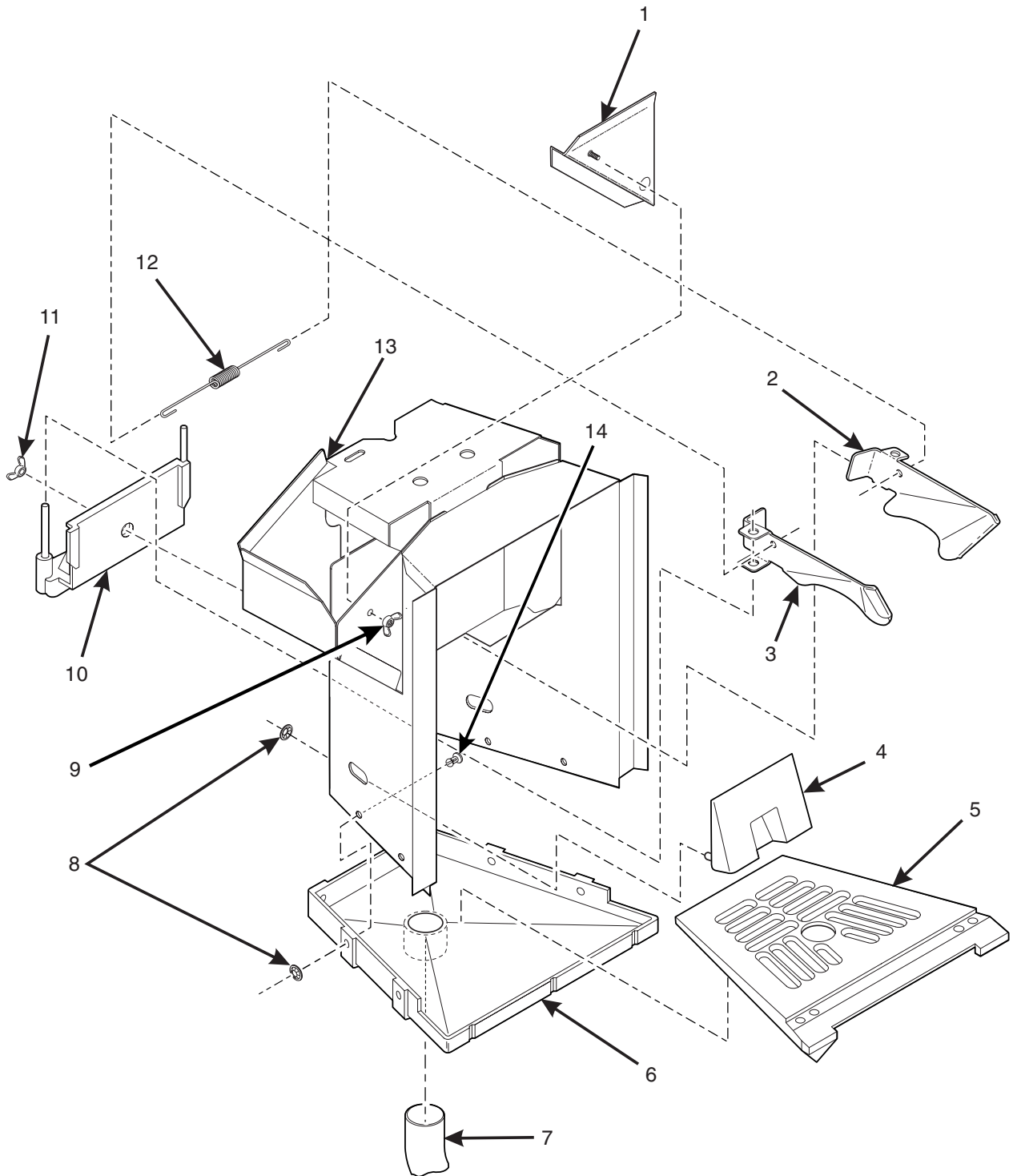
**TABLE 59. MONETARY PANEL - PART 4**

<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

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630P0022

Figure 60. Cup Delivery Assembly

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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

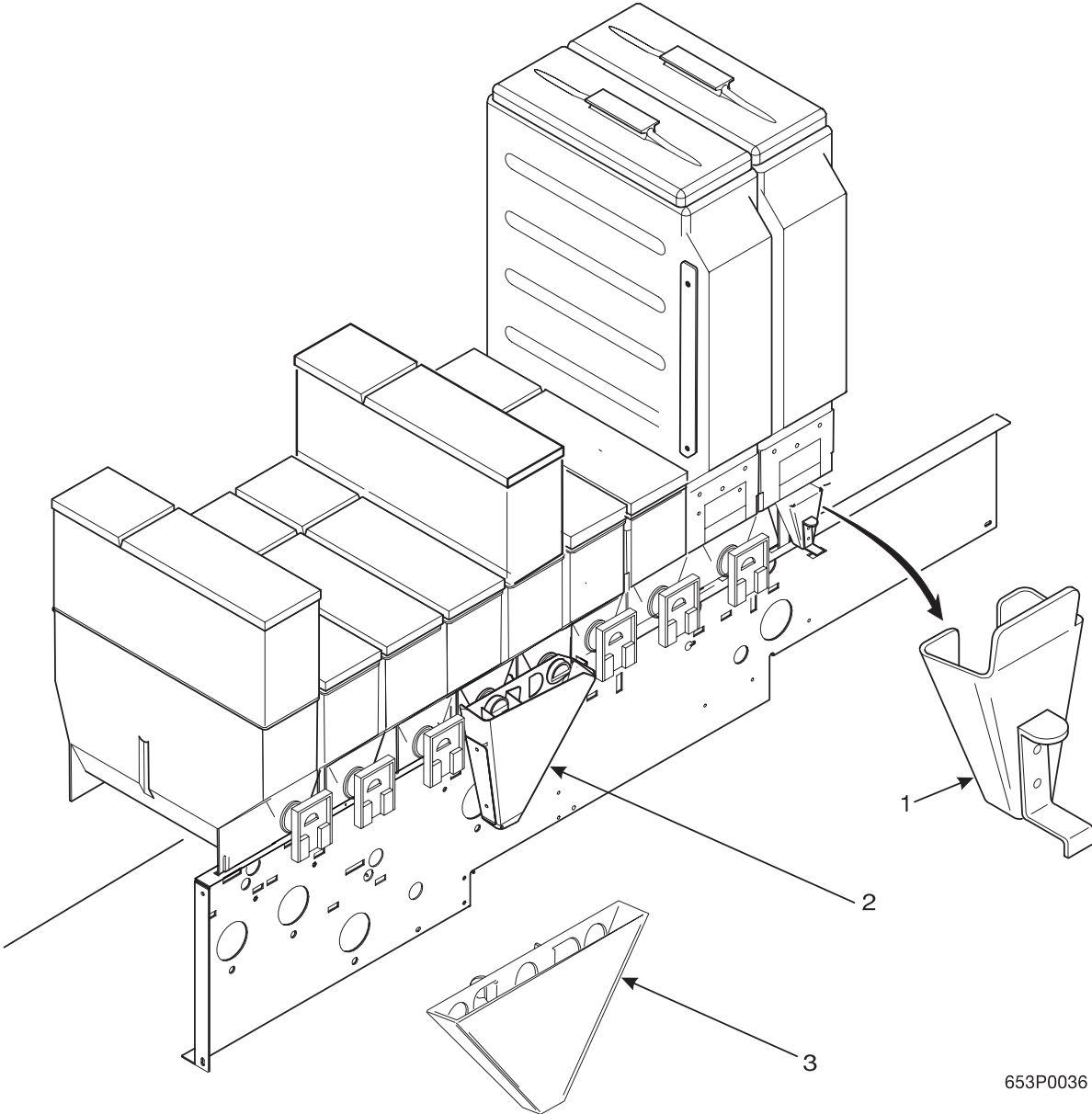


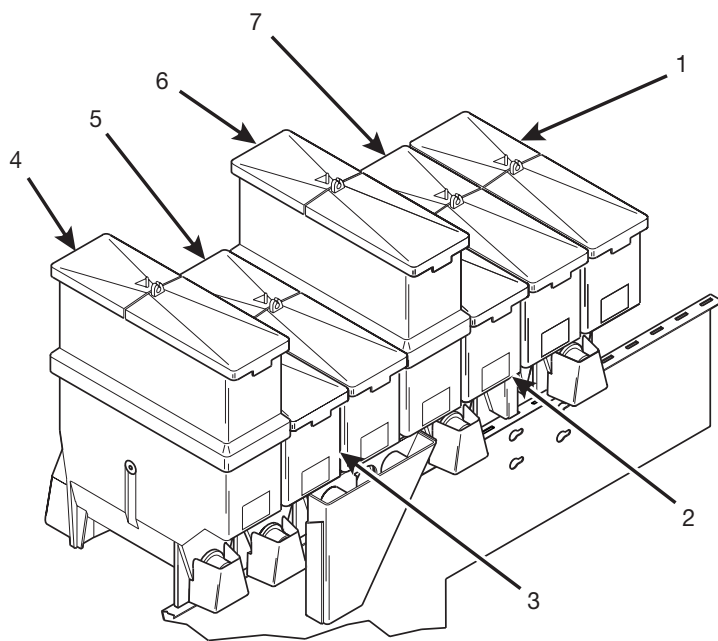
Figure 61. Product/Condiment Chutes

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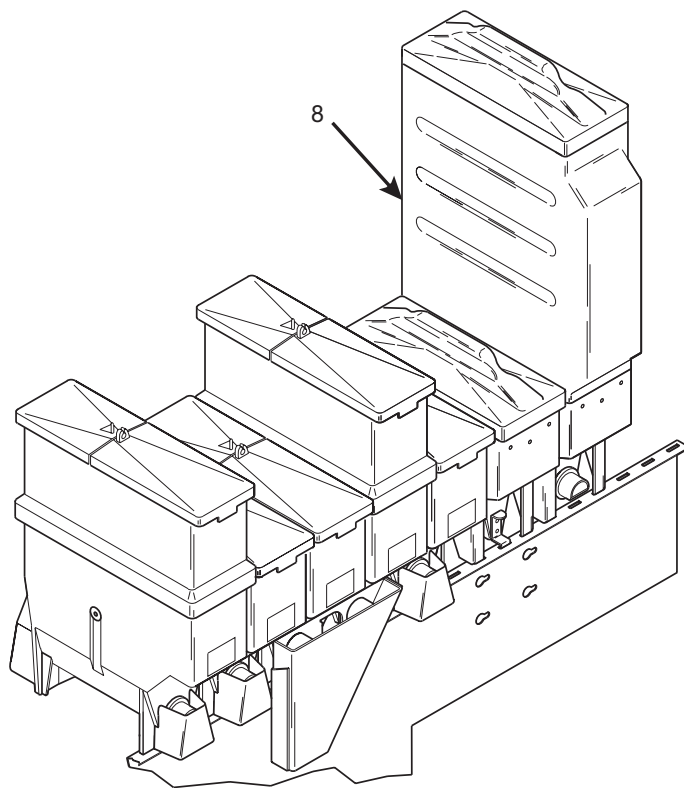
TABLE 61. PRODUCT/CONDIMENT CHUTES

<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

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**638 MODEL**



**630 MODEL**

630p0058

Figure 62. Product and Condiment Canisters



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**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.

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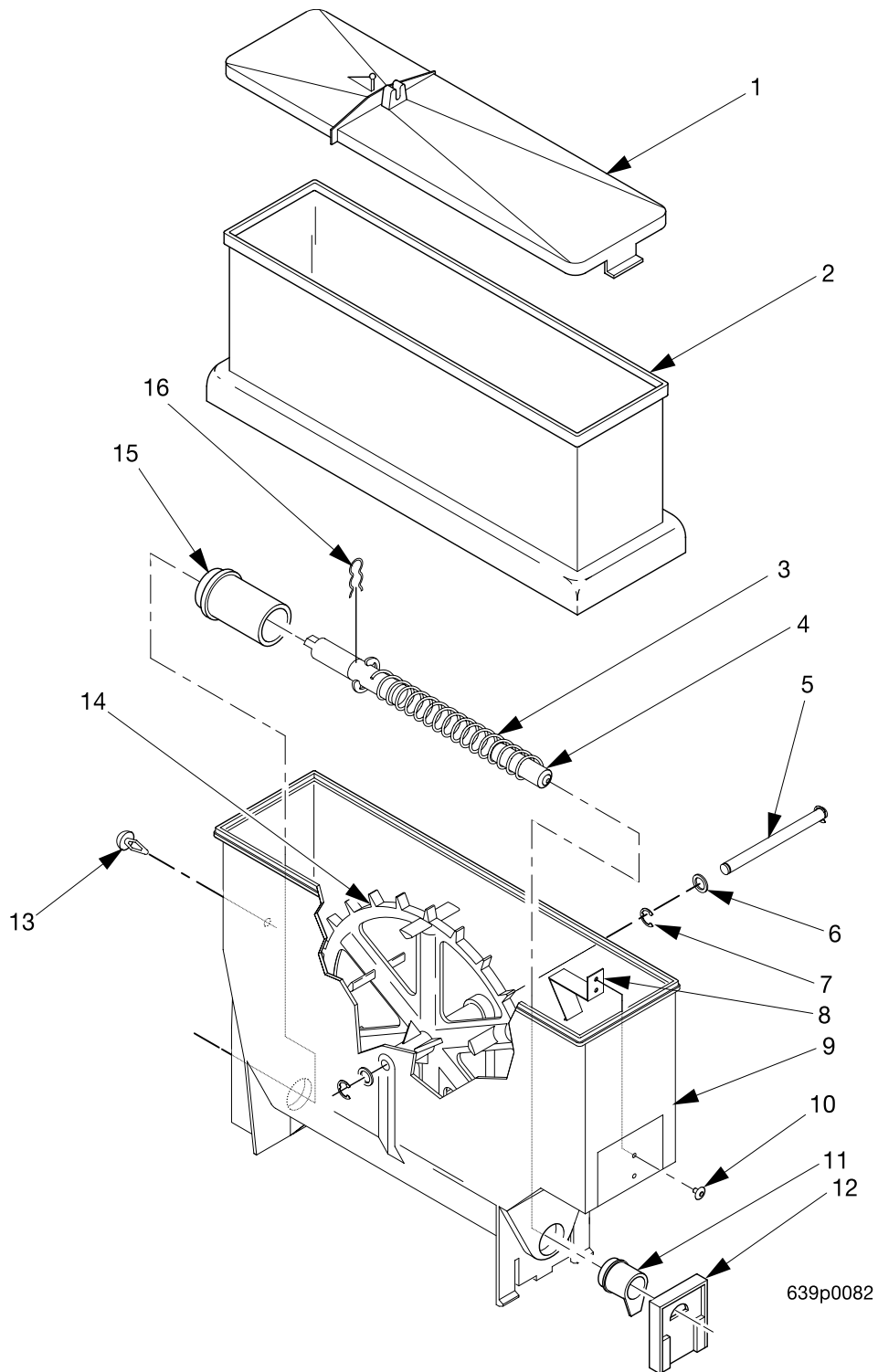


Figure 63. Canister Assembly - Chocolate

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**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

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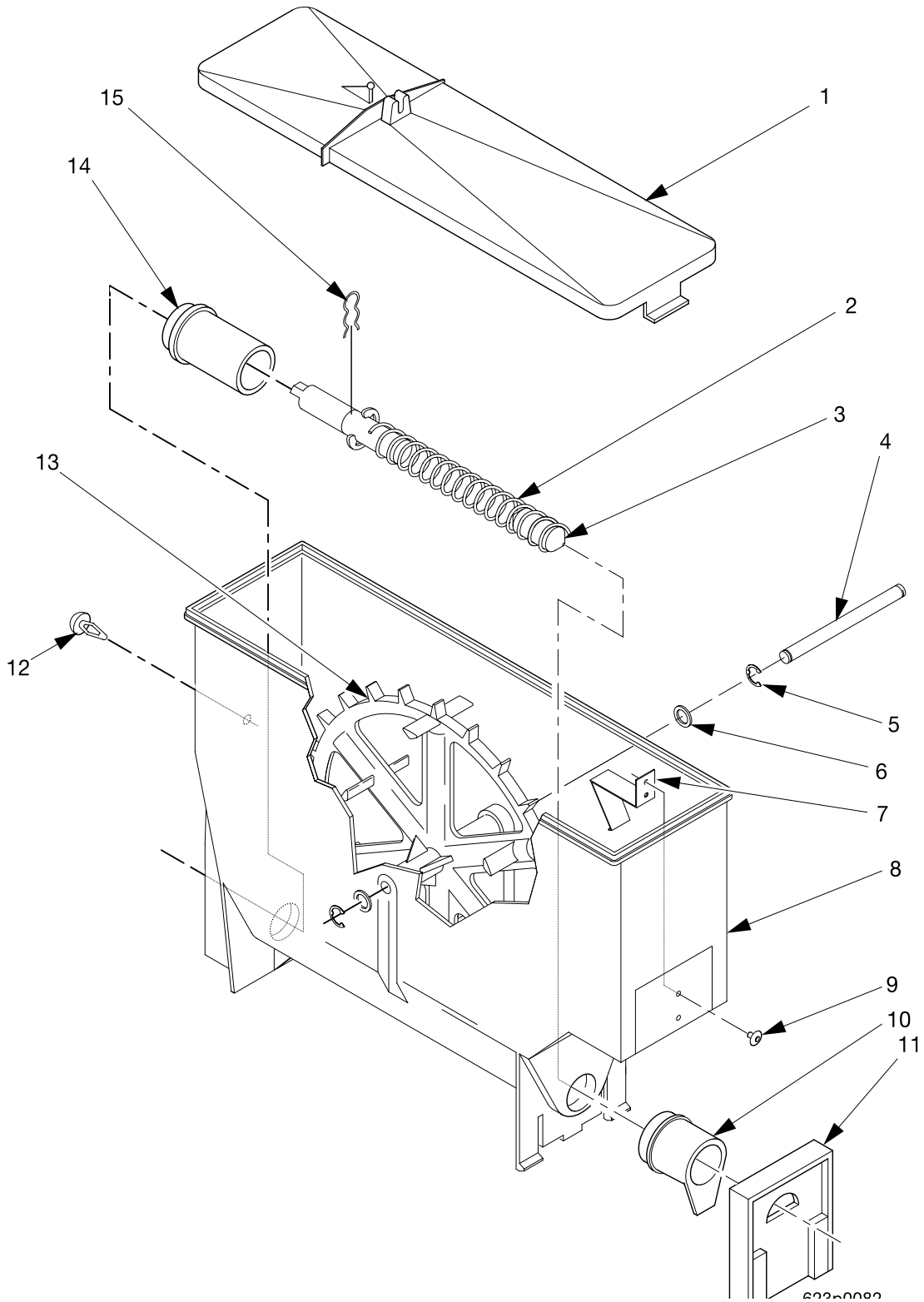


Figure 64. Canister Assembly - Optional Product or Decaf

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**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

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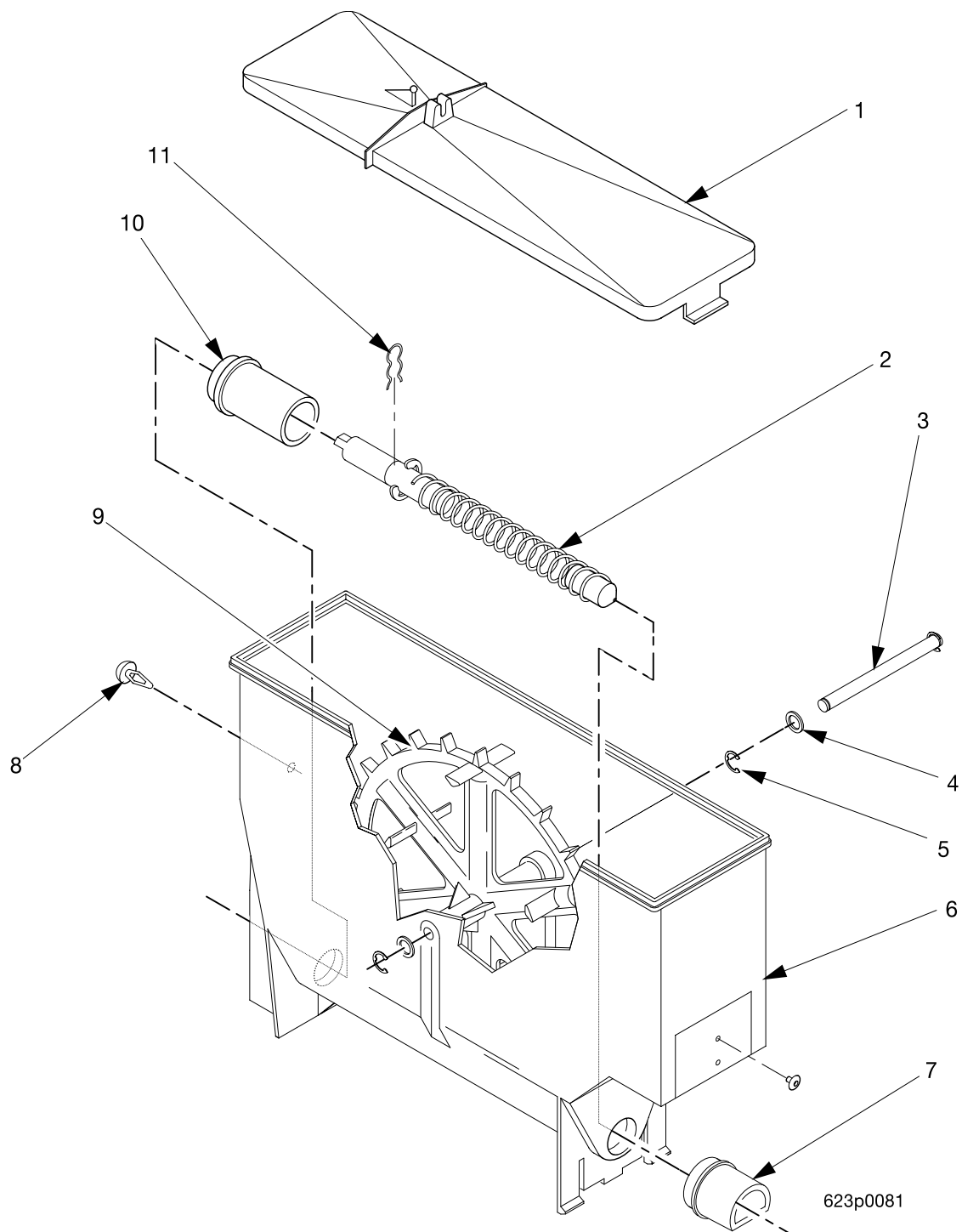


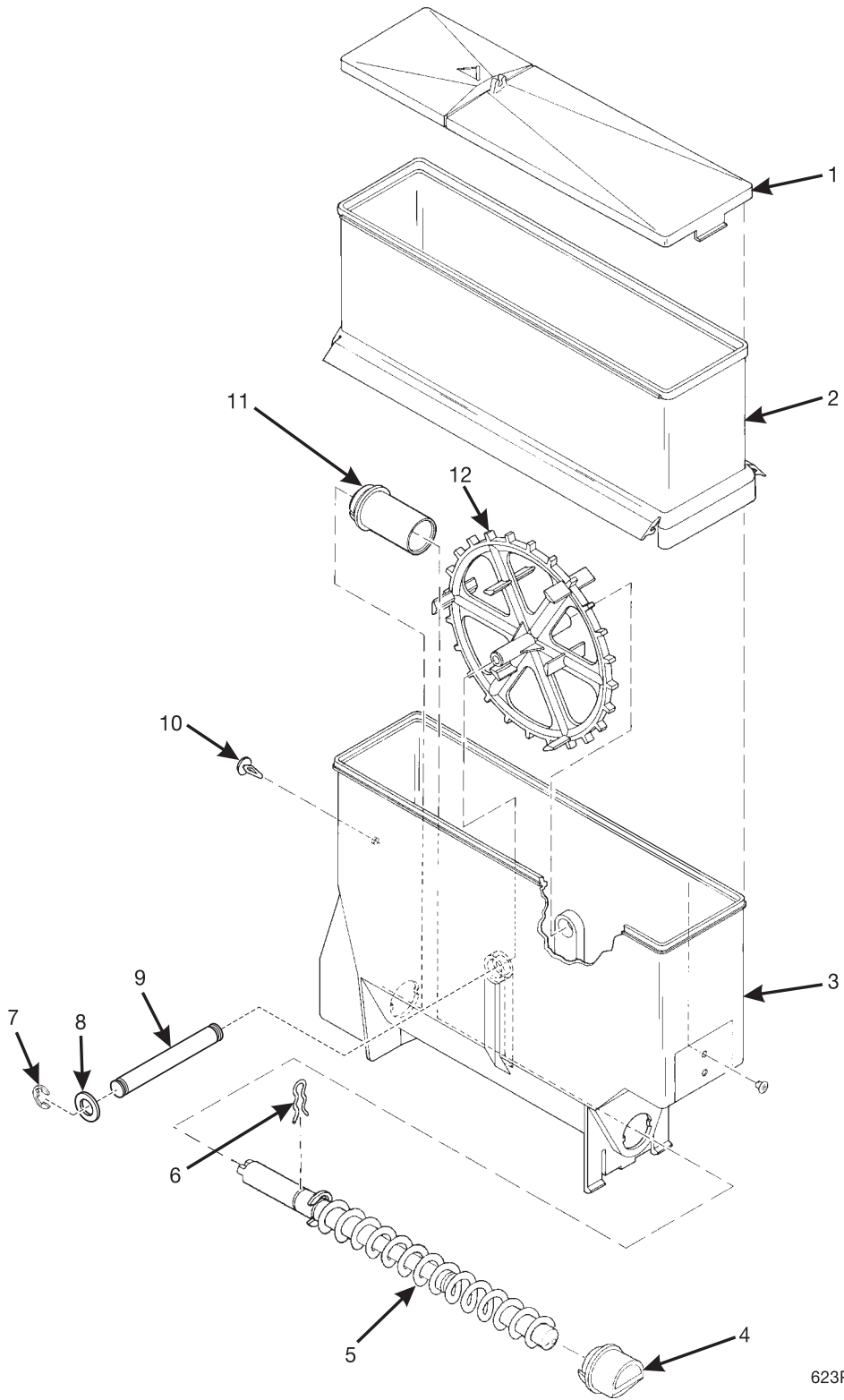
Figure 65. Canister Assembly - Lightener

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**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

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623P0079

Figure 66. Canister Assembly - Sugar



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**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

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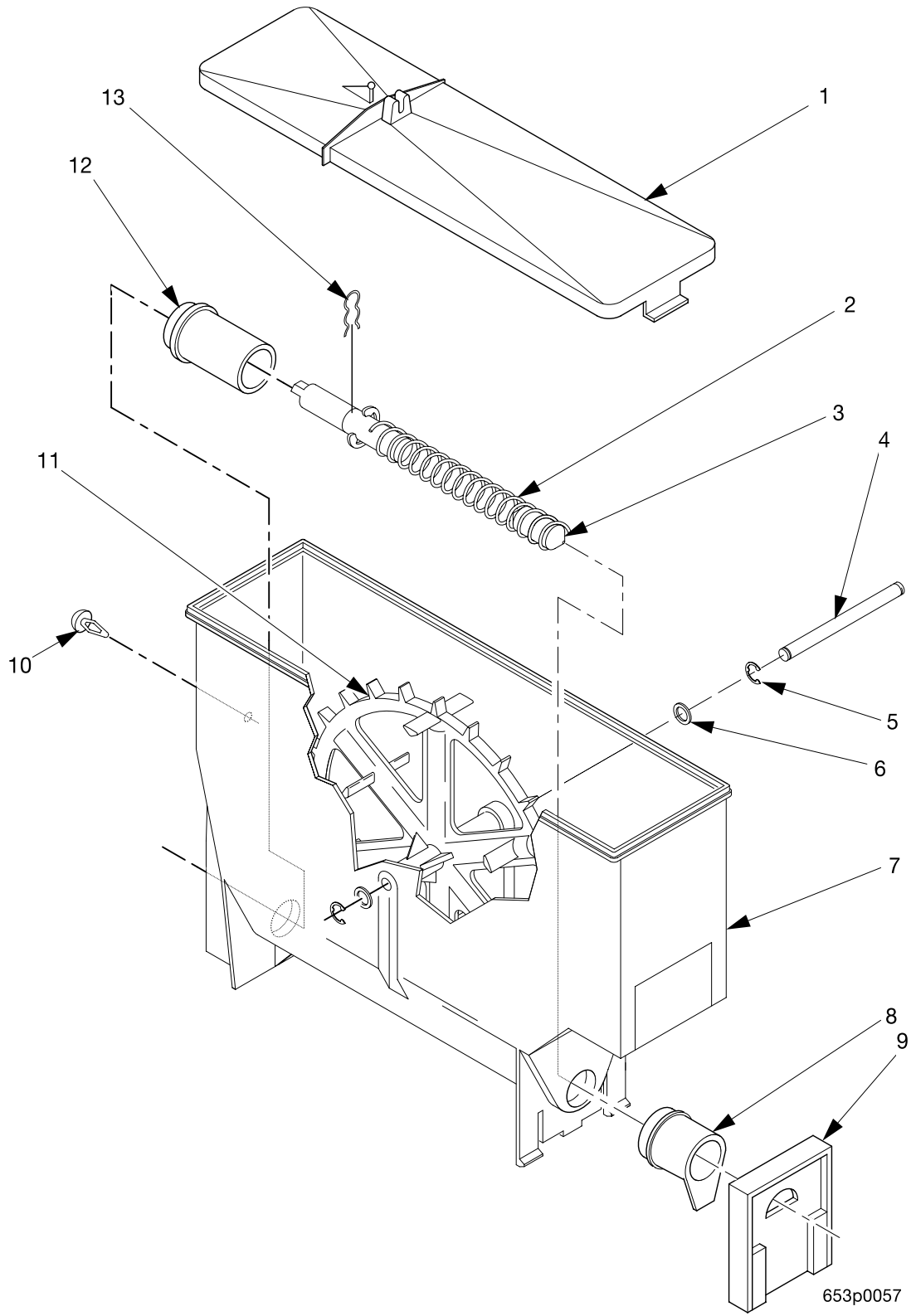


Figure 67. Canister Assembly - Freeze Dry Coffee

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**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

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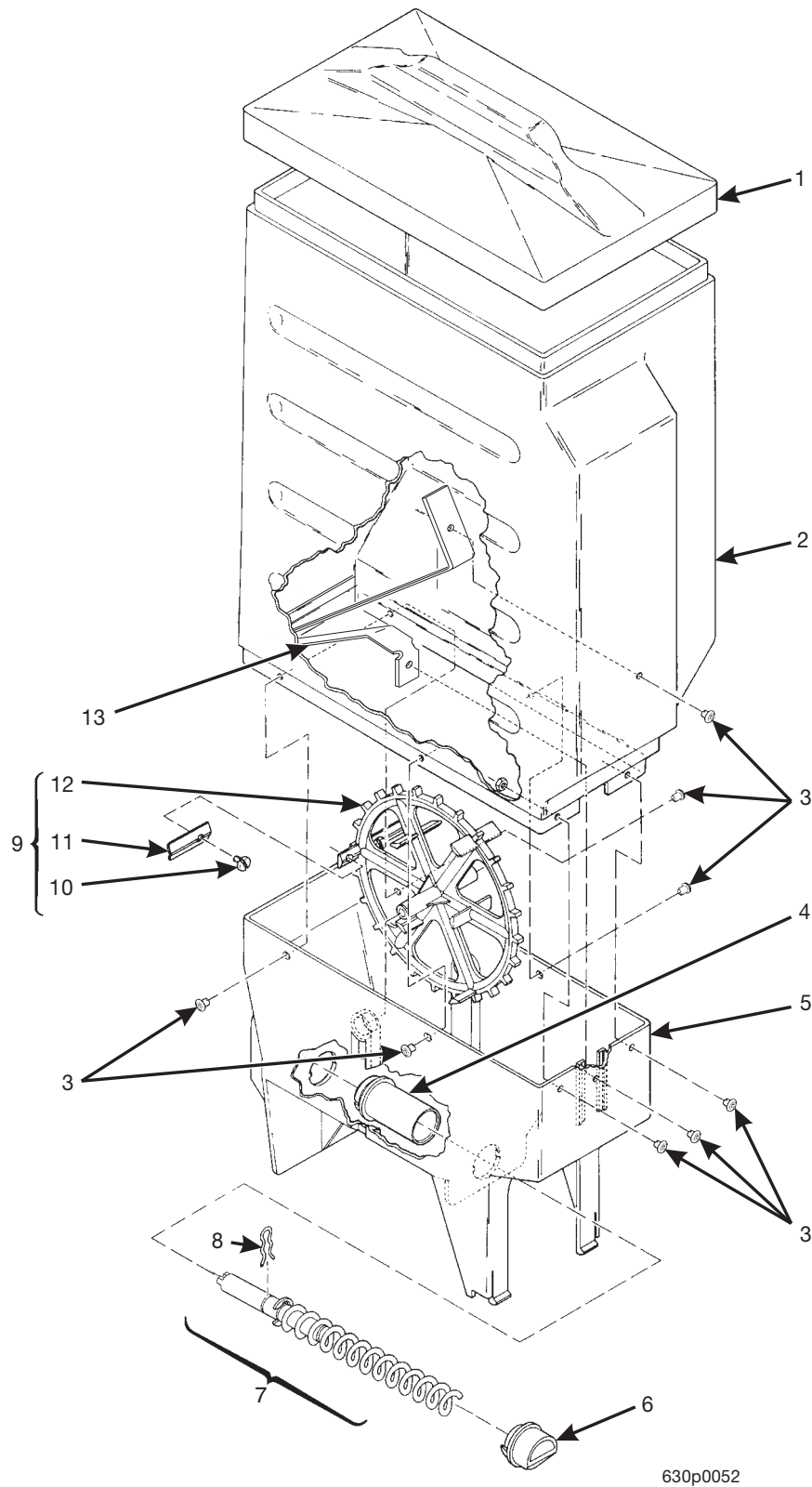
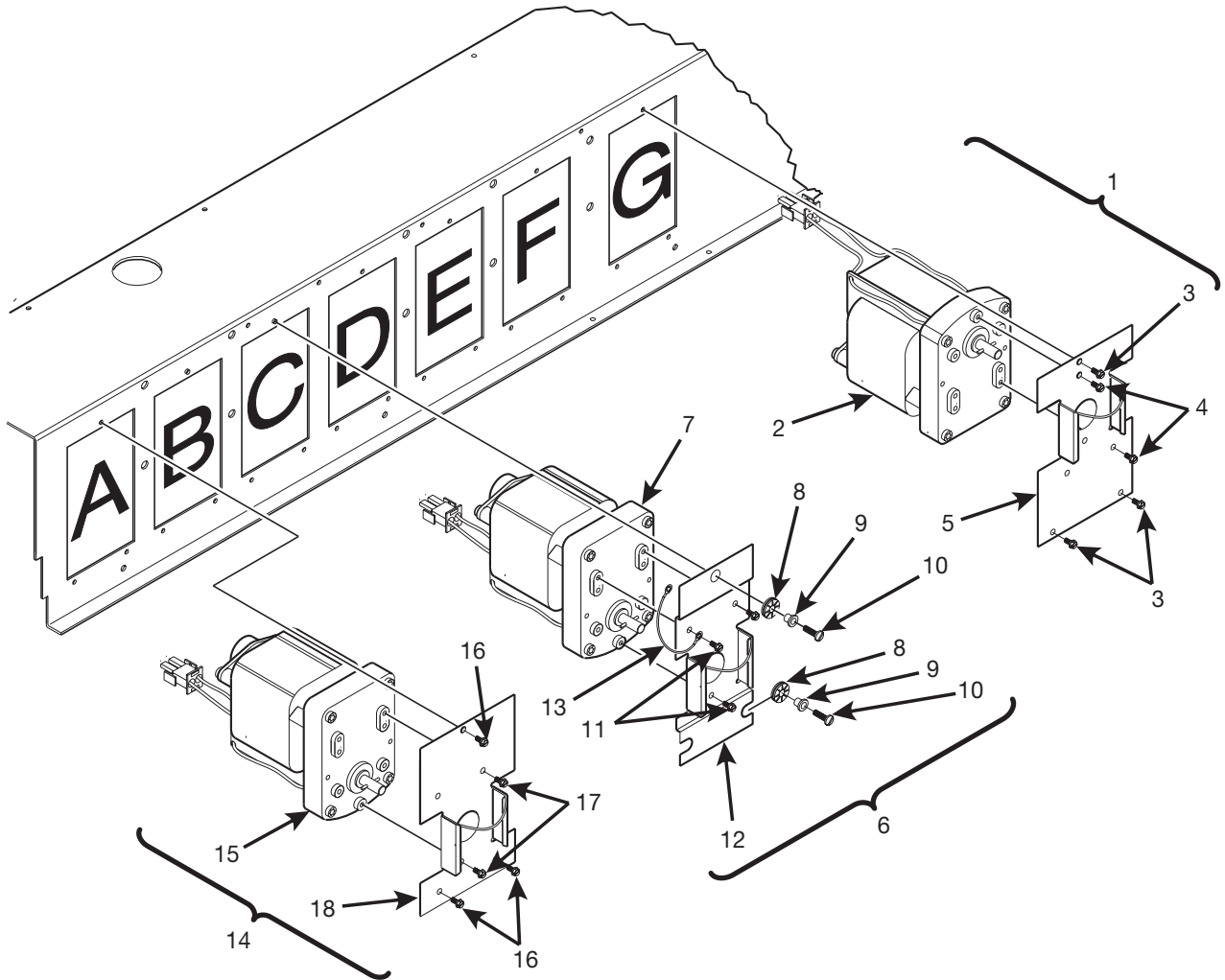


Figure 68. Canister Assembly - Fresh Brew Coffee

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**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

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**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

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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



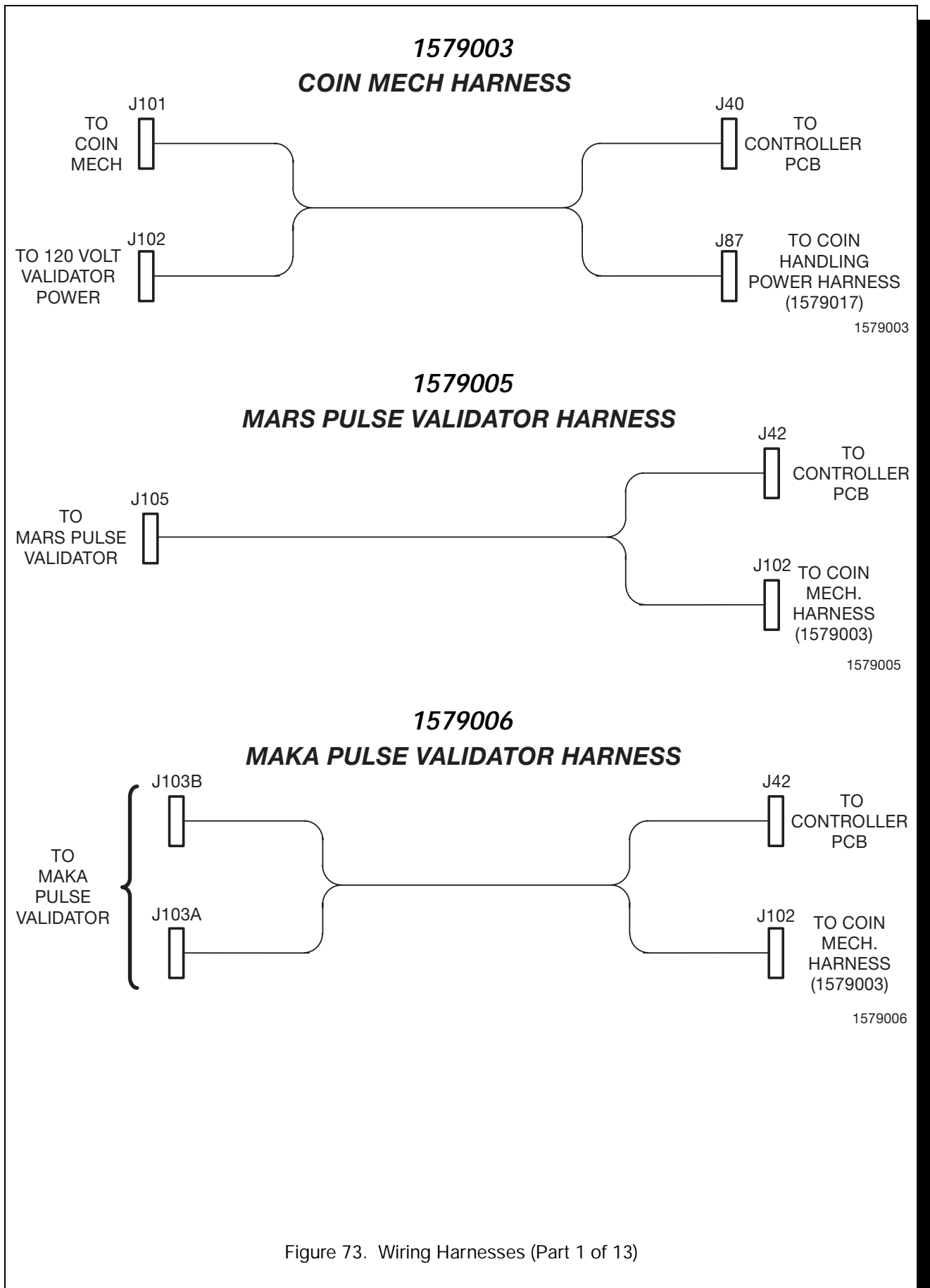


Figure 73. Wiring Harnesses (Part 1 of 13)

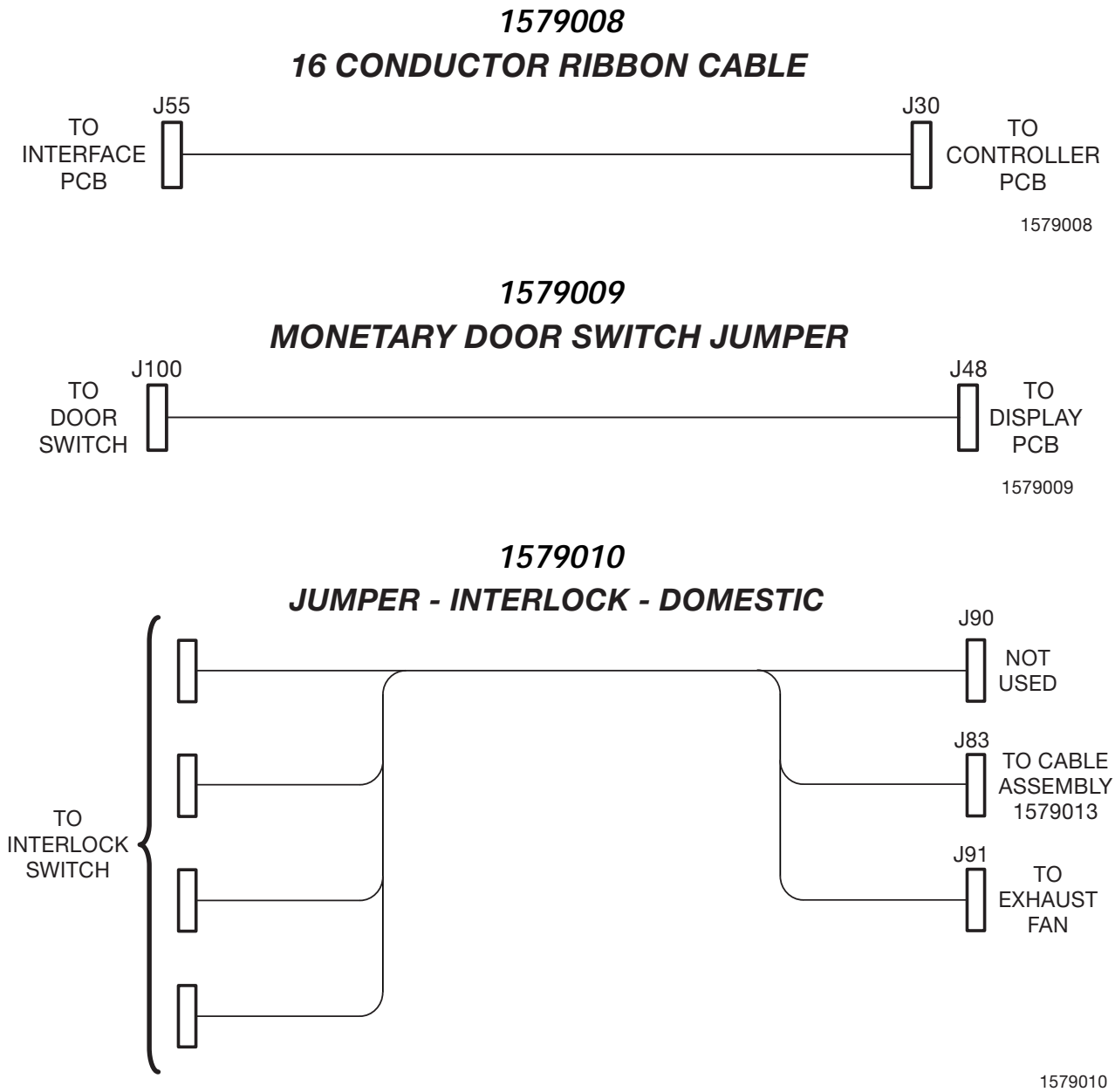


Figure 73. Wiring Harnesses (Part 2 of 13)

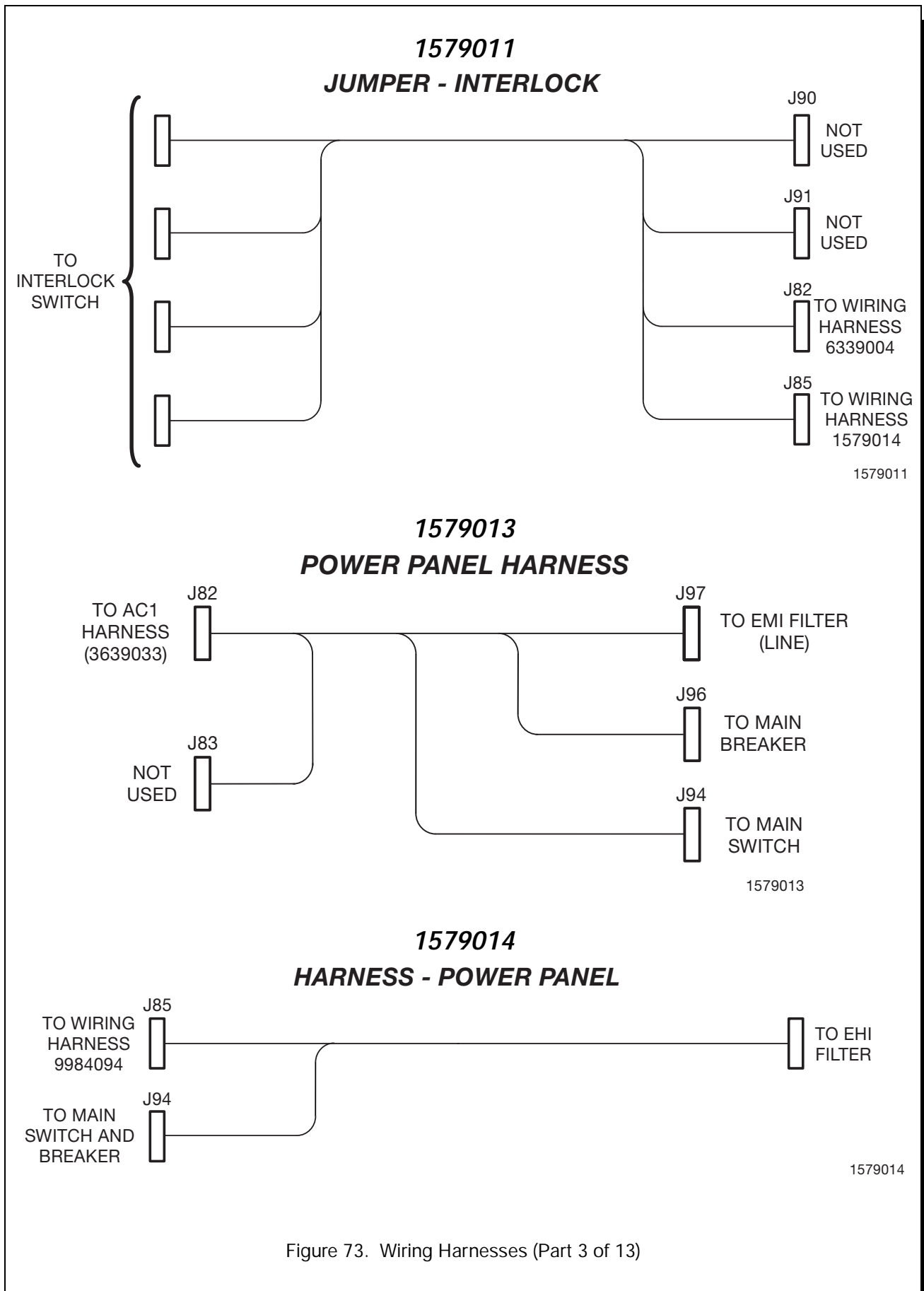
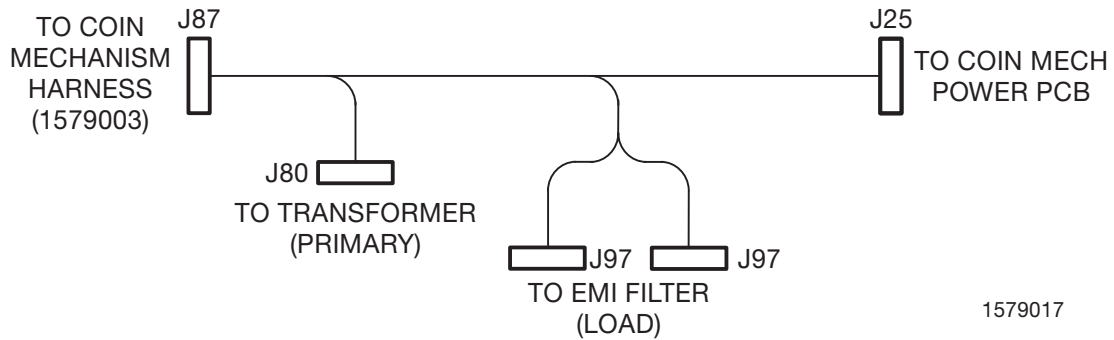


Figure 73. Wiring Harnesses (Part 3 of 13)

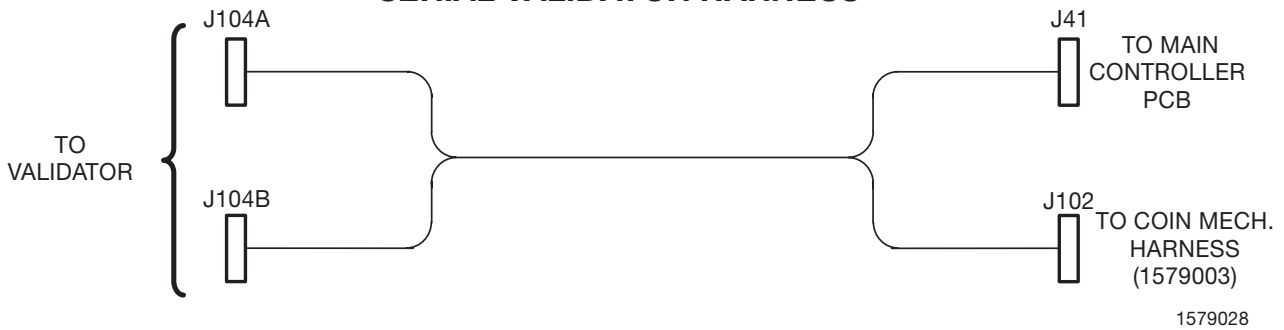
**1579017**

**COIN HANDLING POWER HARNESS**



**1579028**

**SERIAL VALIDATOR HARNESS**



**1579032**

**HARNESS - SERIAL VALIDATORS  
-24 VOLTS**



Figure 73. Wiring Harnesses (Part 4 of 13)

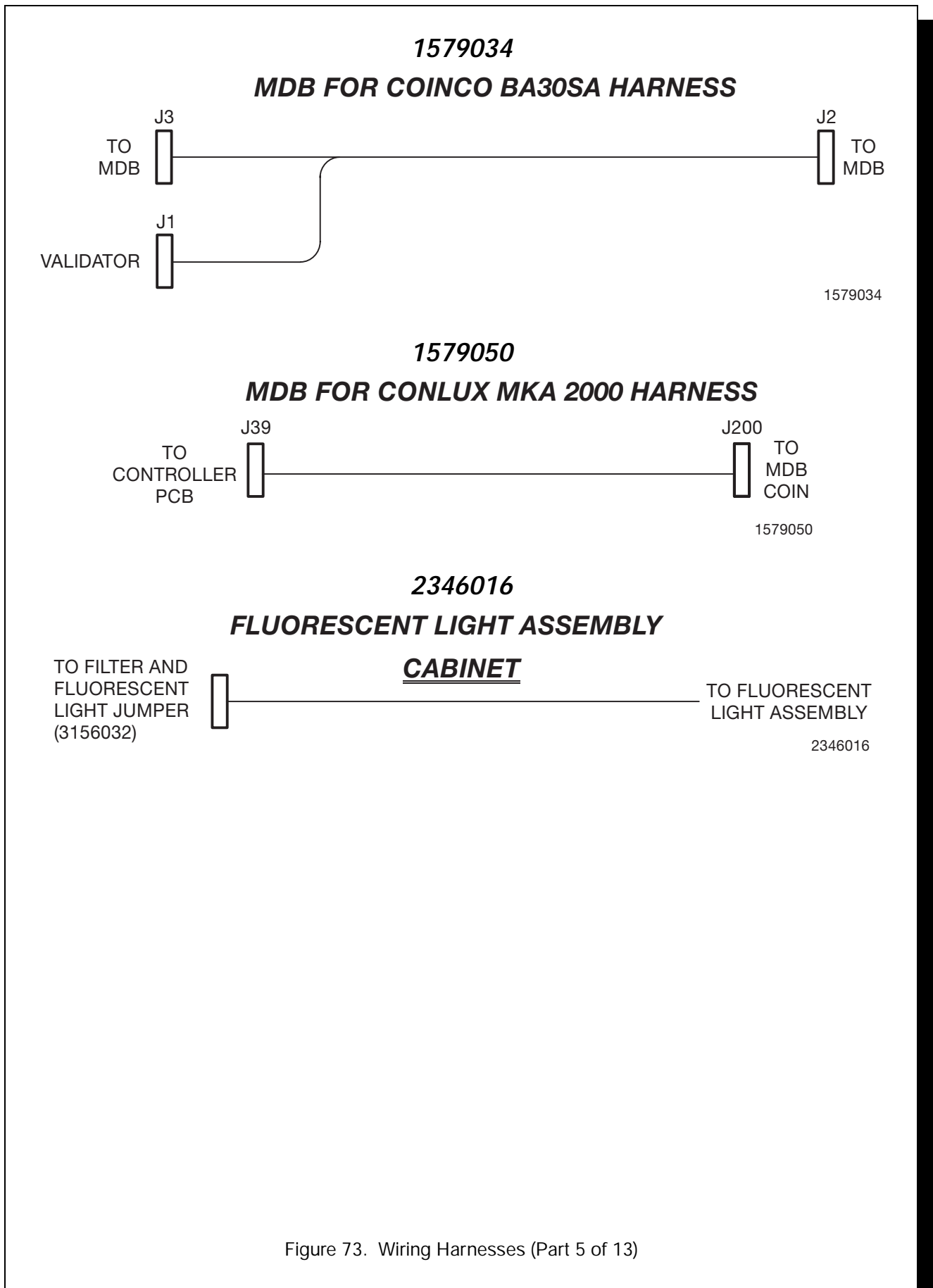
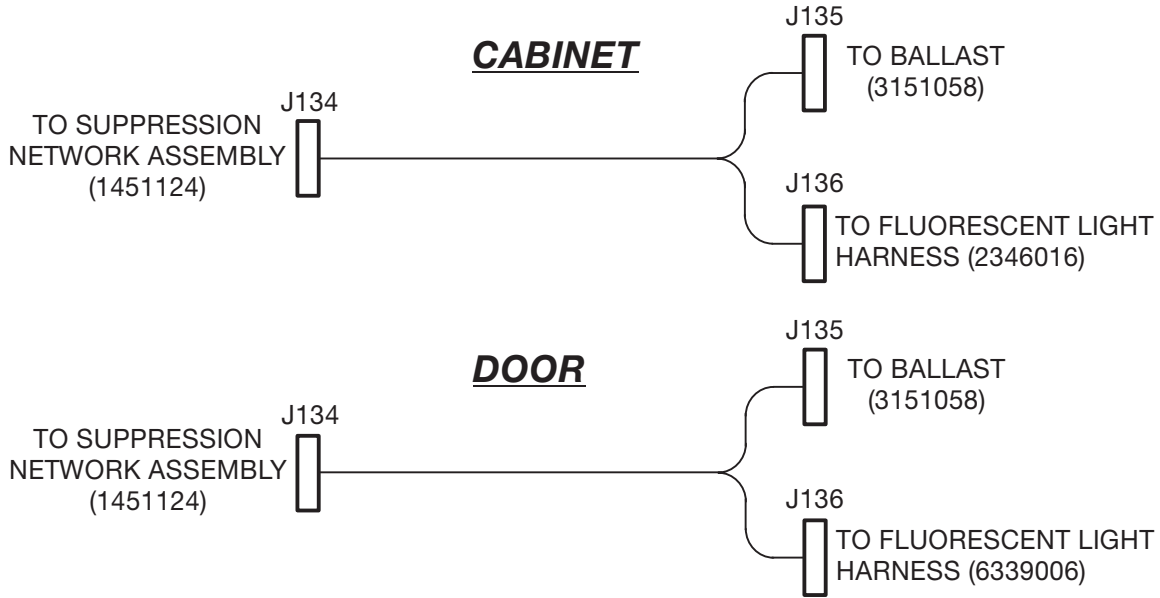


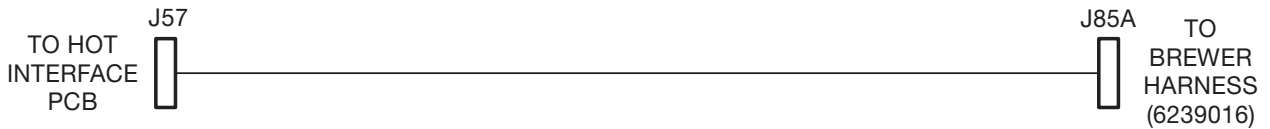
Figure 73. Wiring Harnesses (Part 5 of 13)

**3156032**  
***FILTER AND FLUORESCENT LIGHT JUMPER HARNESS***



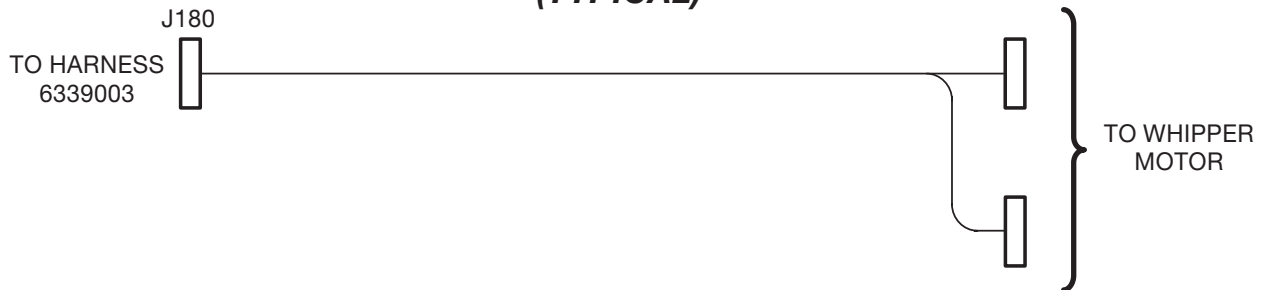
3156032

**3639015**  
***BREW SWITCHES HARNESS***



3639015

**6237157**  
***HARNESS - WHIPPER MOTOR (TYPICAL)***



6237157

Figure 73. Wiring Harnesses (Part 6 of 13)

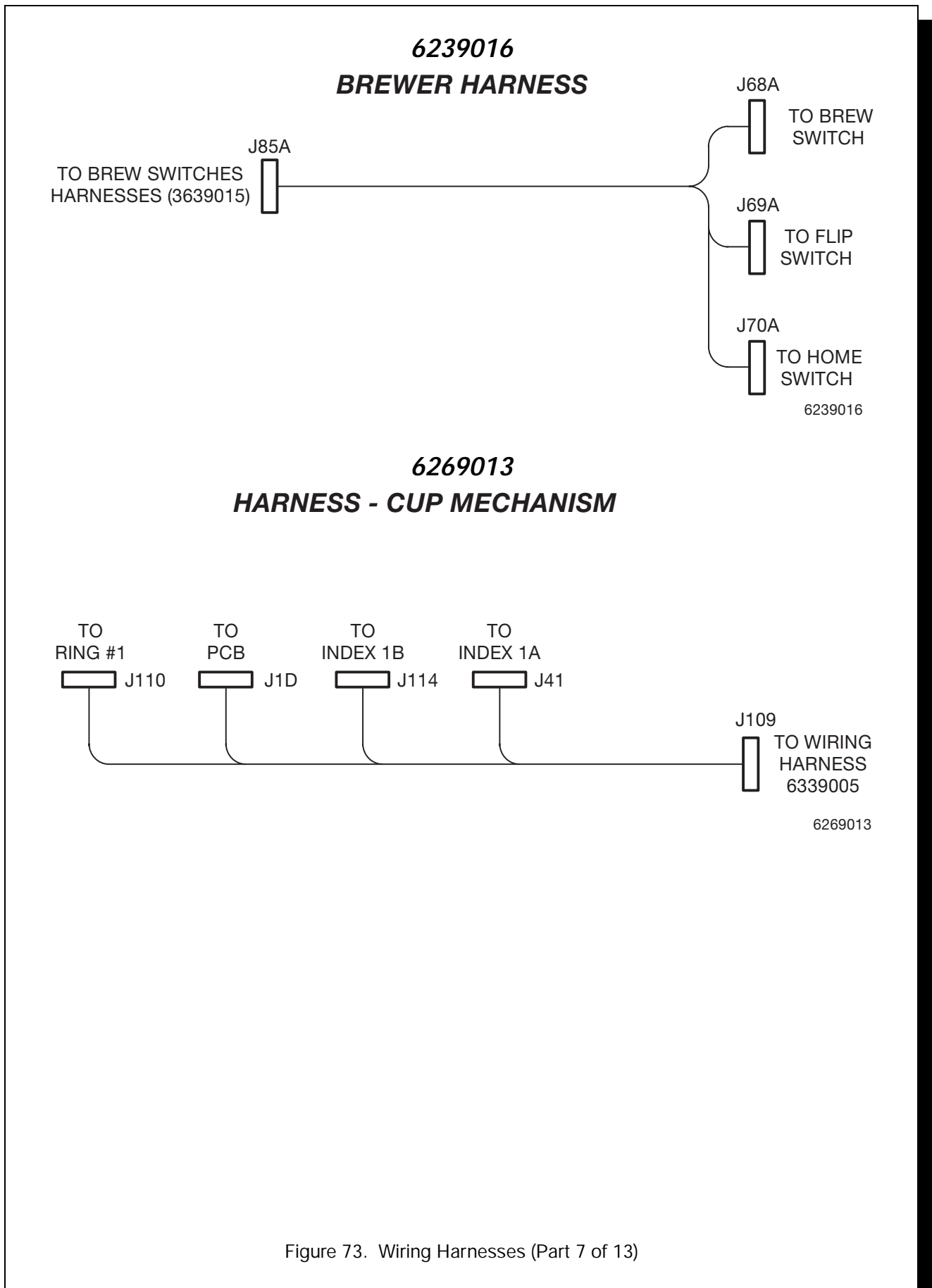
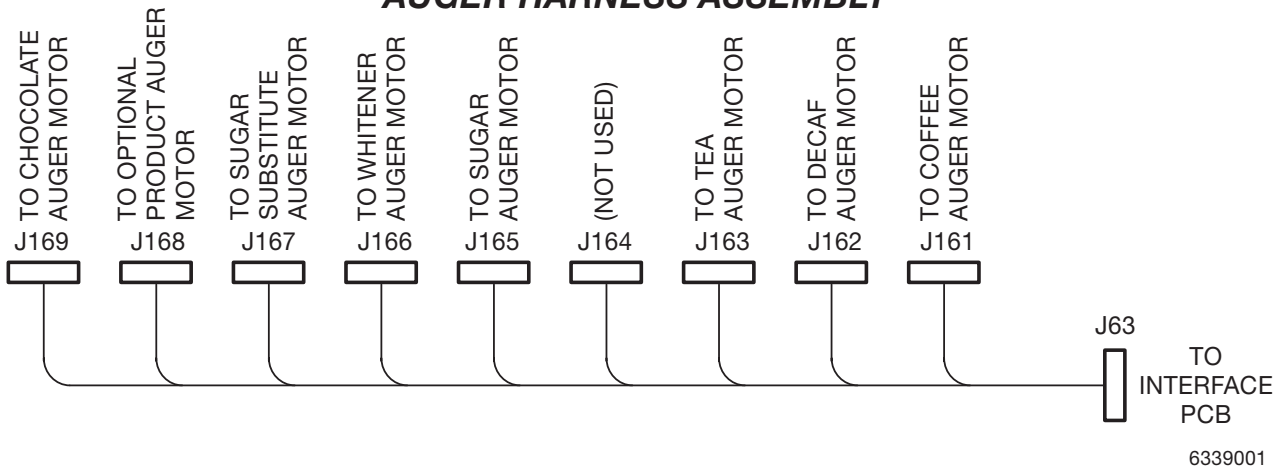


Figure 73. Wiring Harnesses (Part 7 of 13)

**6339001**

**AUGER HARNESS ASSEMBLY**



**6339003**

**HARNESS - BREW AND GRIND**

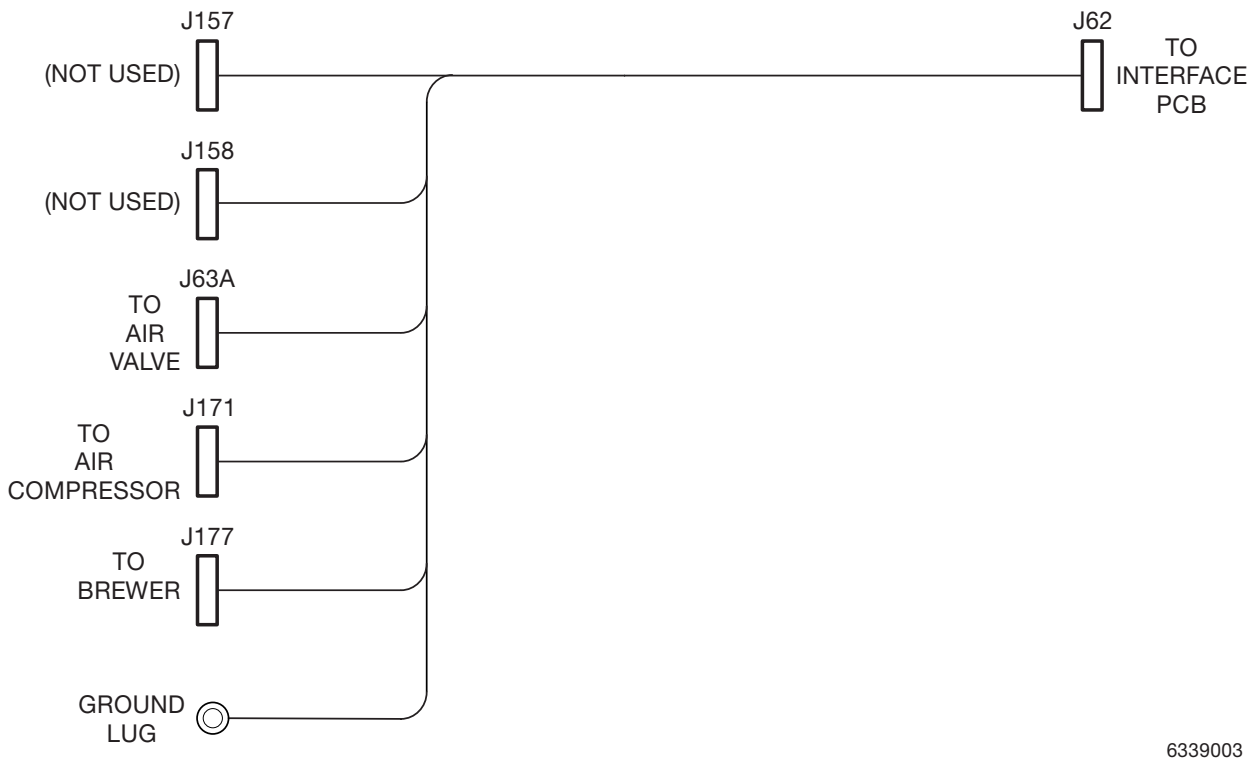


Figure 73. Wiring Harnesses (Part 8 of 13)



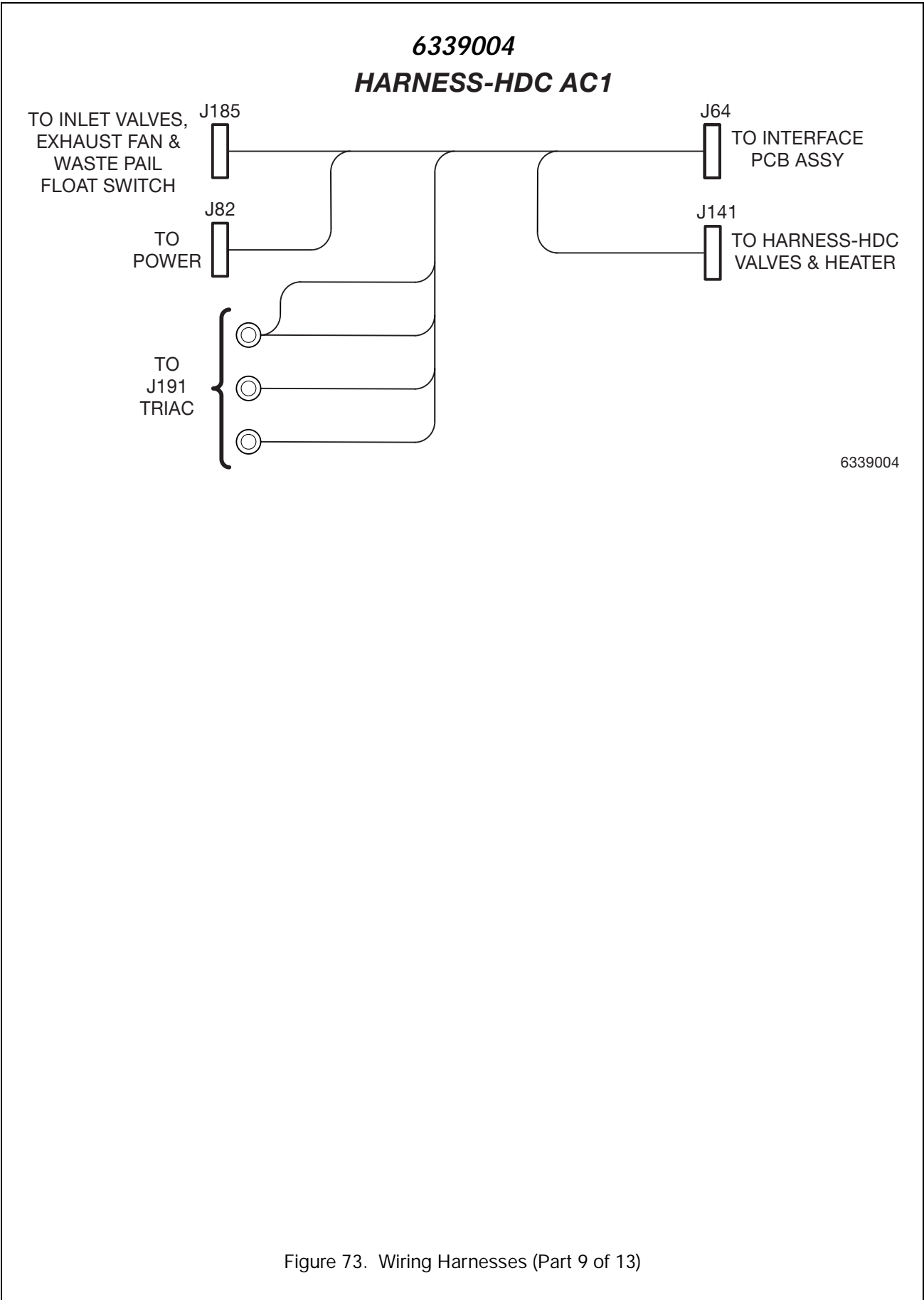
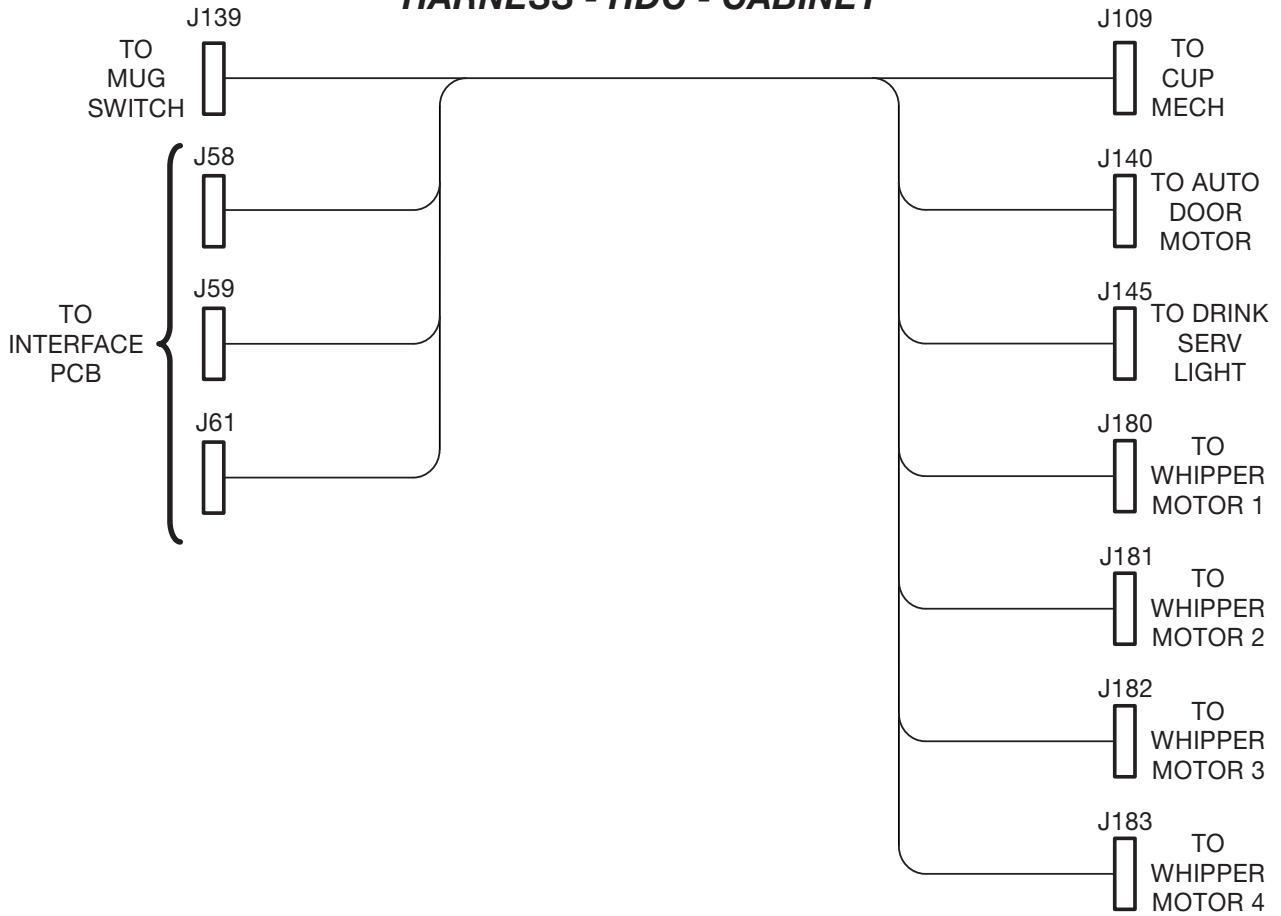


Figure 73. Wiring Harnesses (Part 9 of 13)

**6339005  
HARNESS - HDC - CABINET**



6339005

**6339009  
JUMPER-FLOAT SWITCH ASSEMBLY**



6339009

Figure 73. Wiring Harnesses (Part 10 of 13)

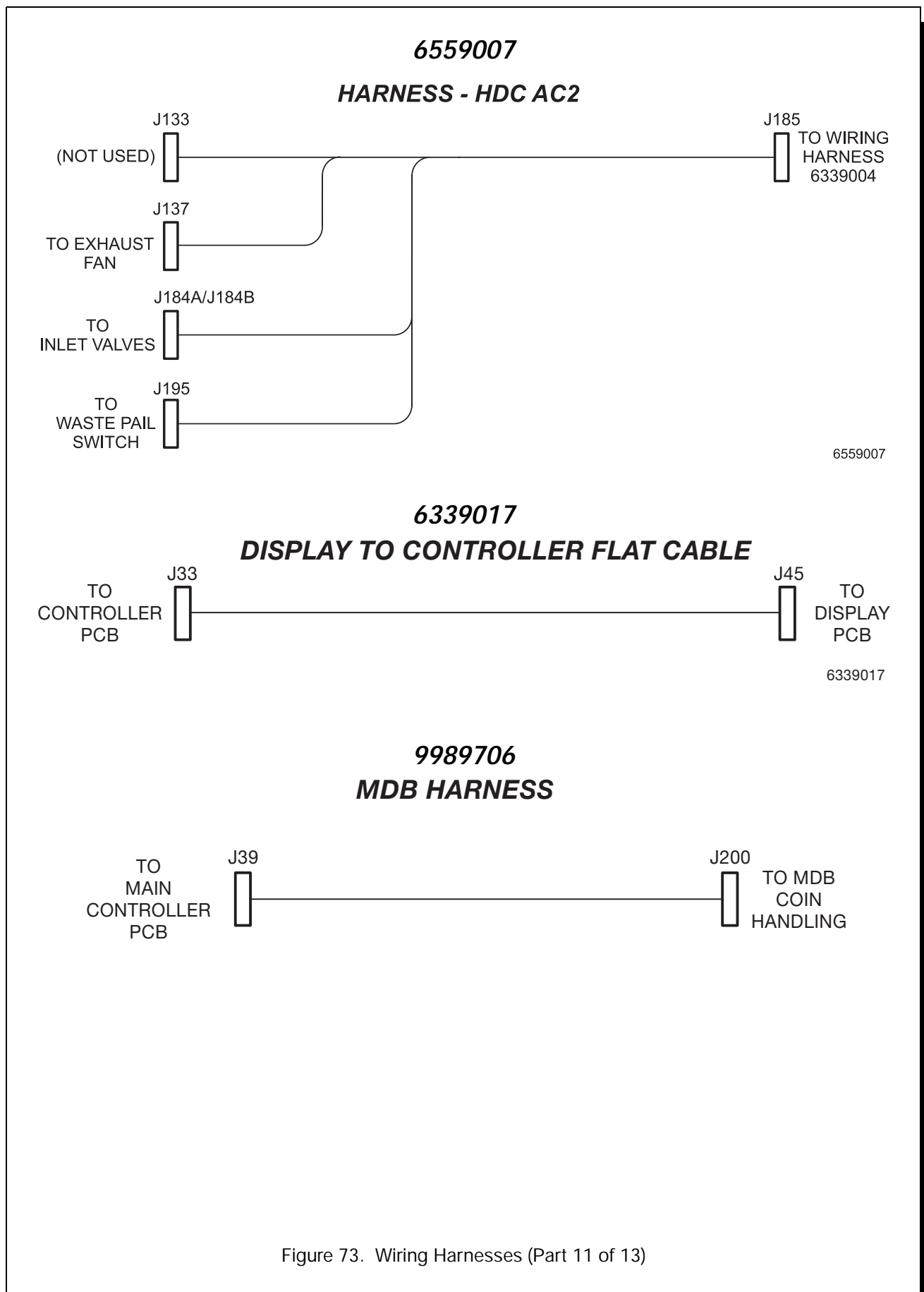
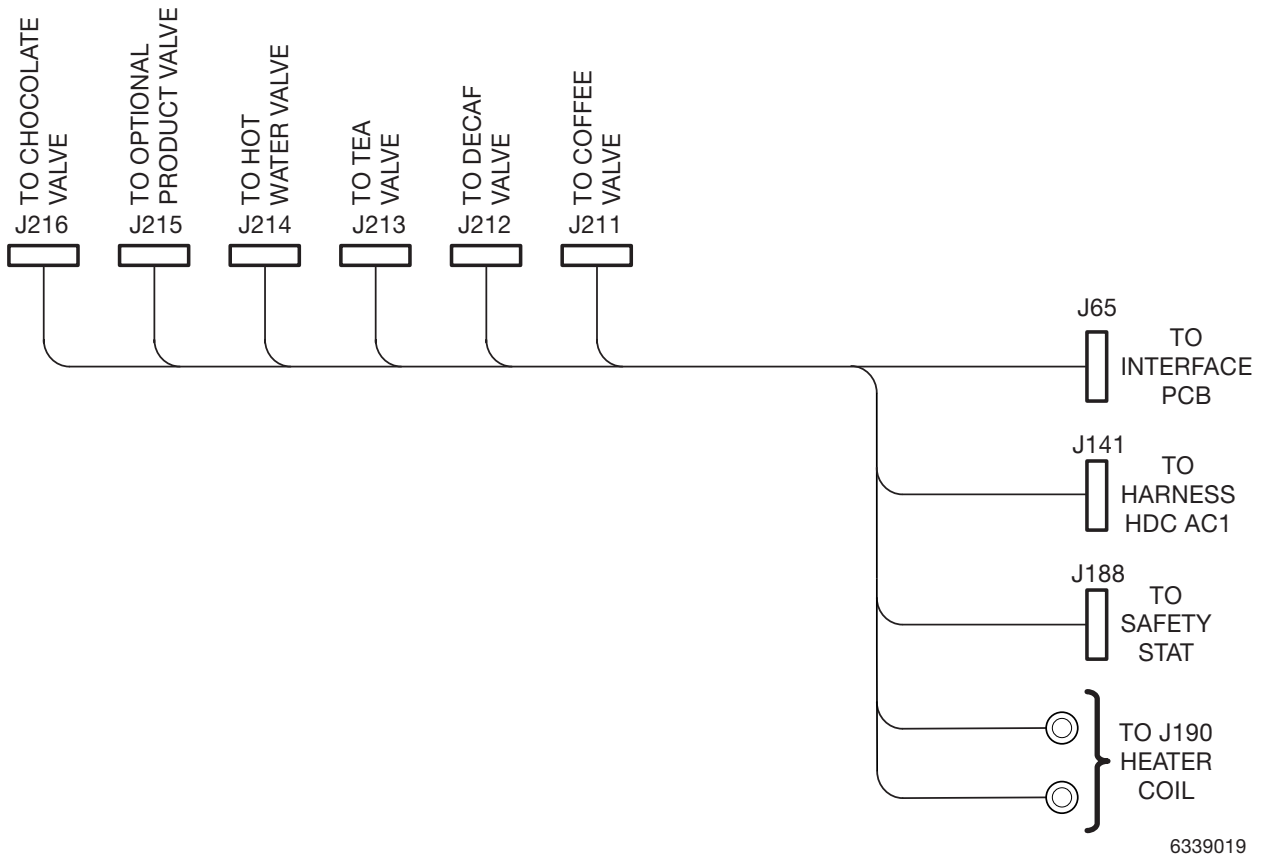


Figure 73. Wiring Harnesses (Part 11 of 13)

**6339019**  
**HARNES-HDC VALVES & HEATER**



**9984094**  
**JUMPER-CABINET, SERVICE LIGHT**



**9984165**  
**JUMPER - GROUNDWIRE**



Figure 73. Wiring Harnesses (Part 12 of 13)

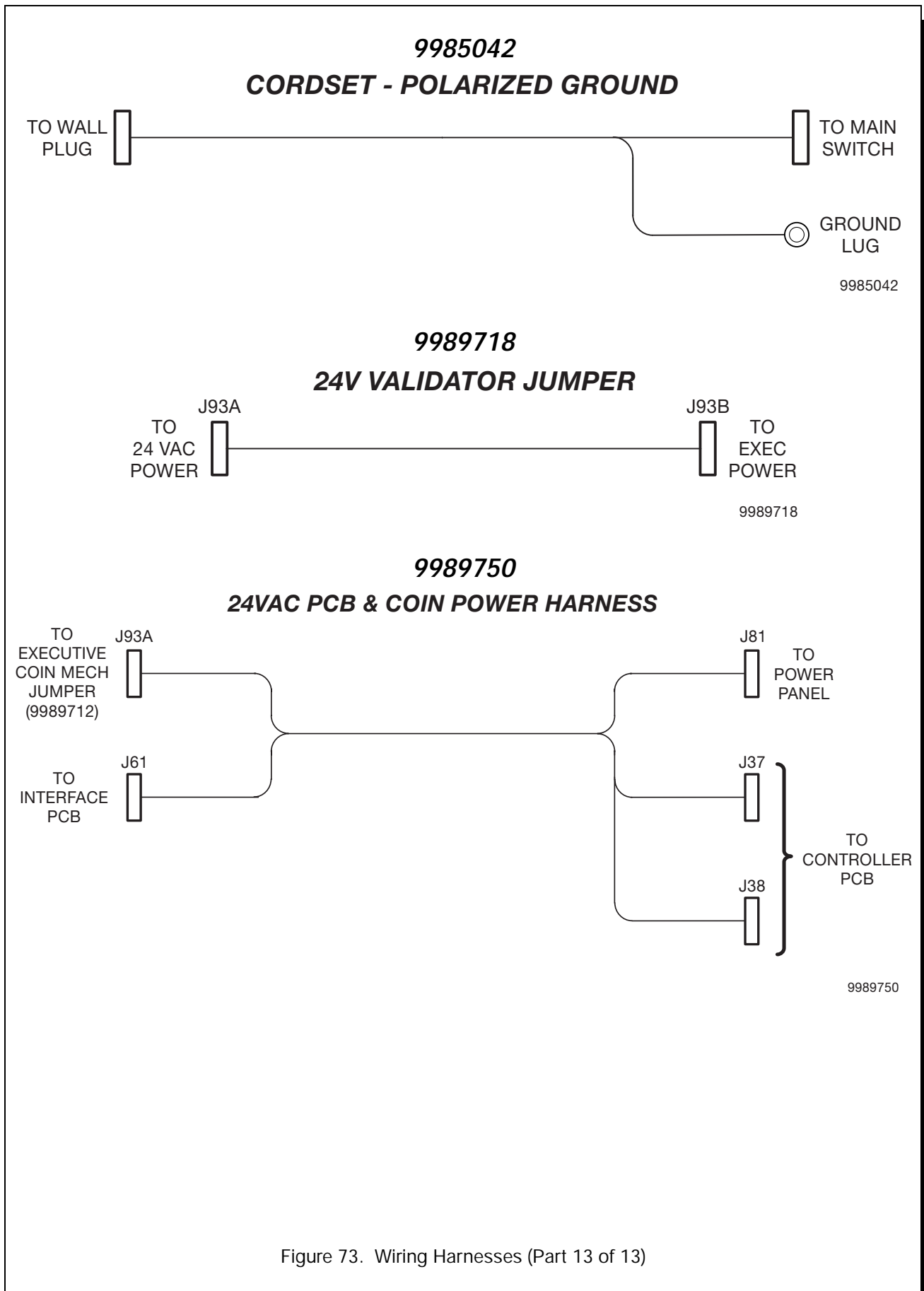


Figure 73. Wiring Harnesses (Part 13 of 13)

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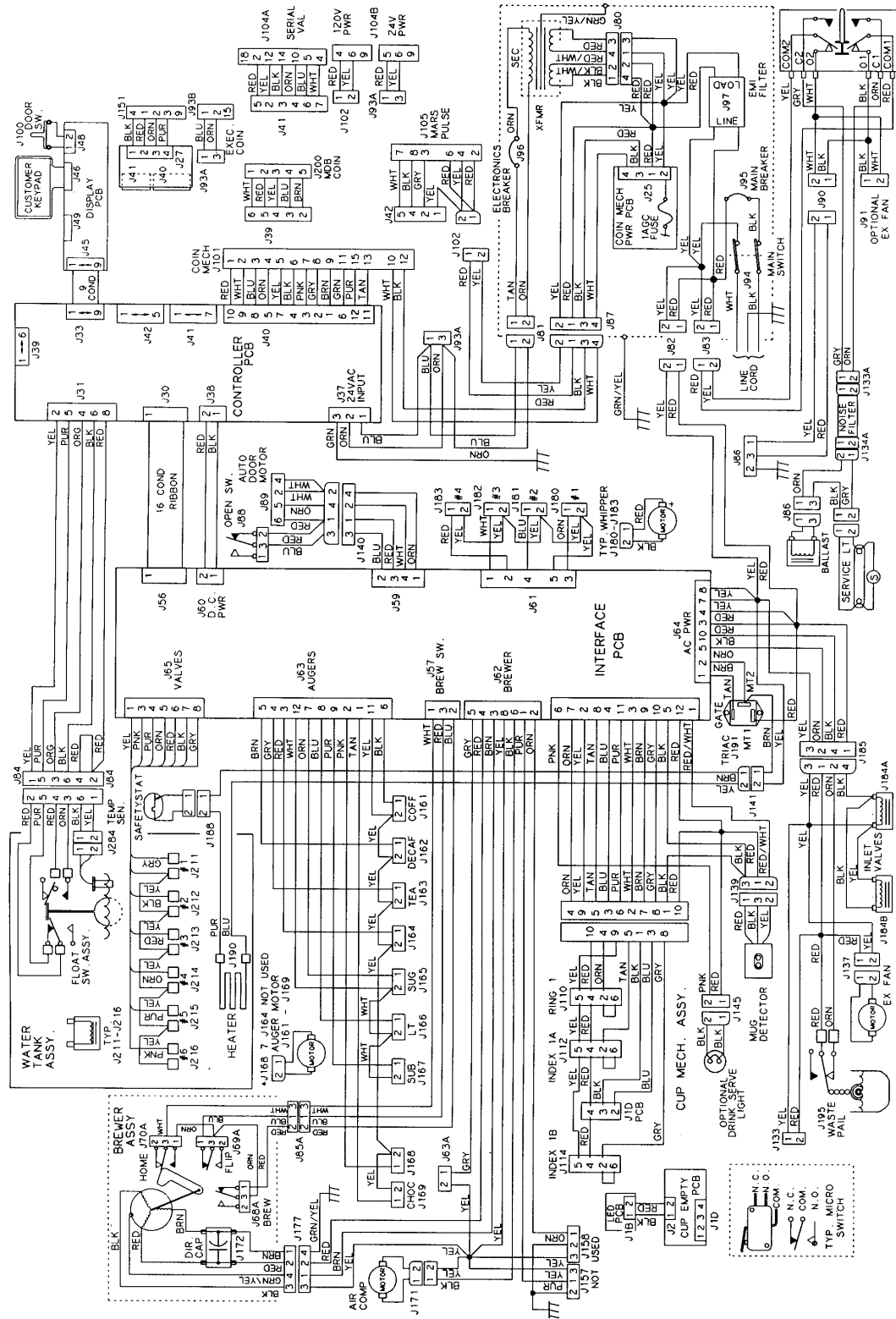


Figure 71. Wiring Diagram - 115 V

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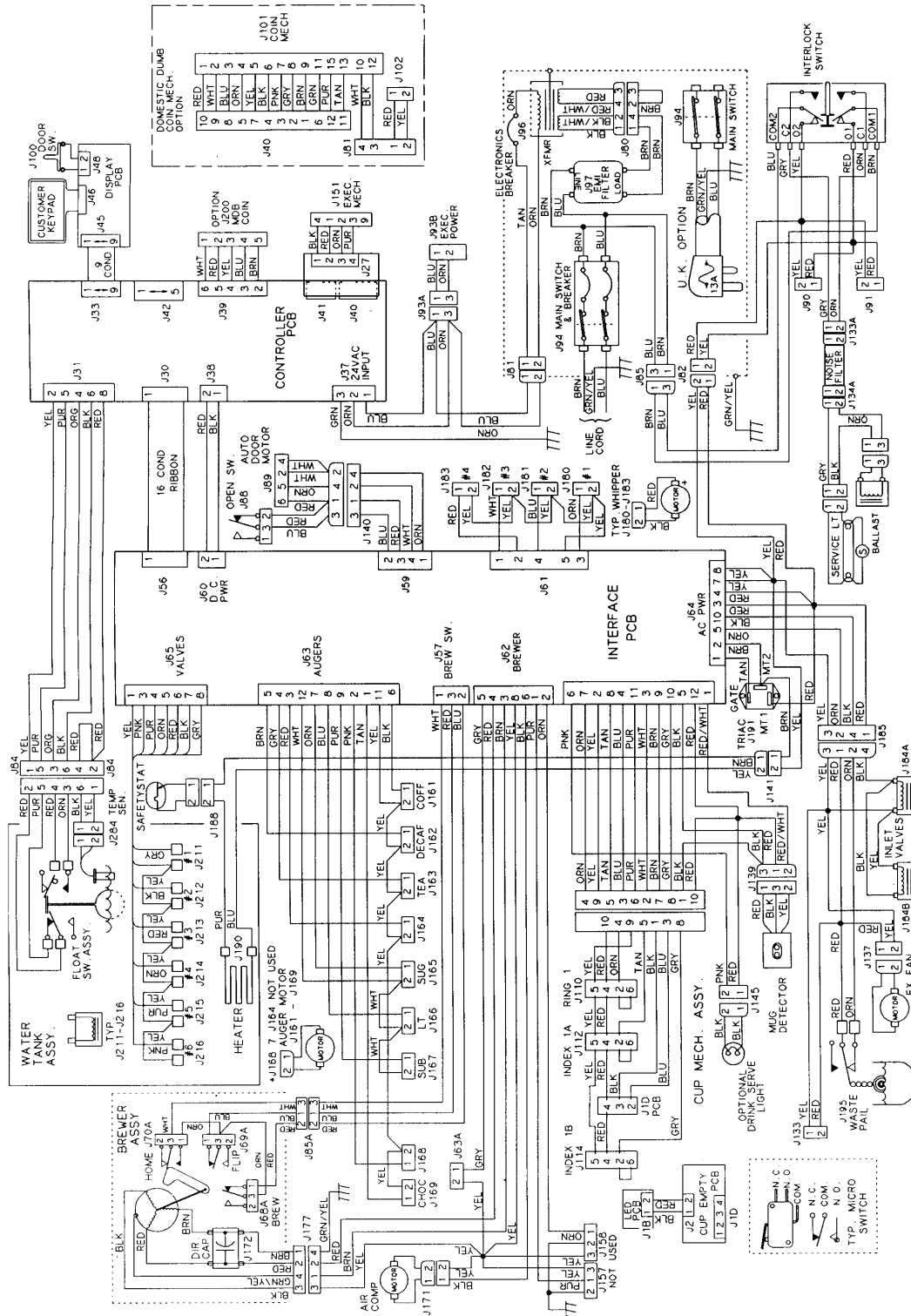


Figure 72. Wiring Diagram - 230 V

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