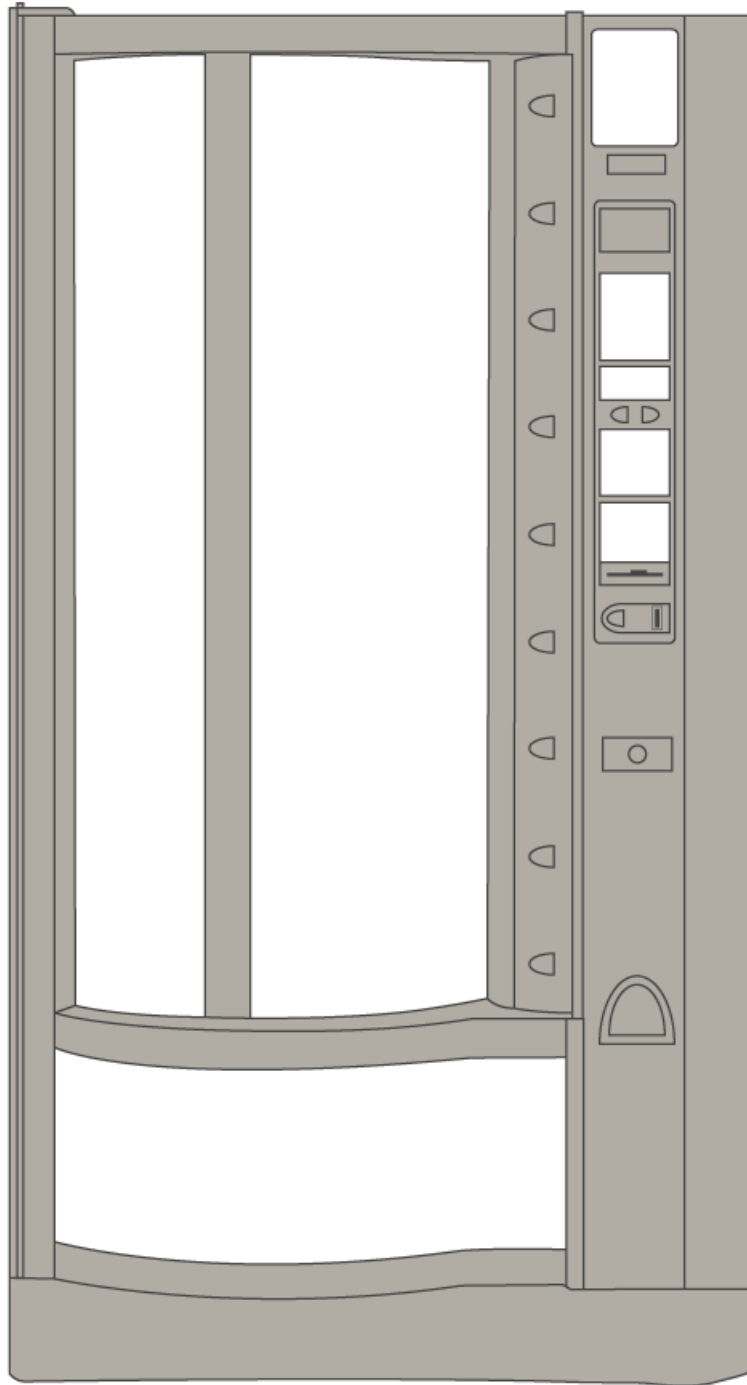


# Shopper Revolution

Parts Manual Models 432 & 962



## **Congratulations on your choice of a Crane Merchandising Systems Model 432 Shopper or 962 Revolution.**

Your new machine embodies the performance and dependability you've come to expect in a Crane Merchandising Systems merchandiser. This product will provide years of dependable, quality service.

This machine has been engineered to our own rigid safety and performance requirements and manufactured in accordance with the safety standards of Underwriters (UL) and Canadian Standards Association (CSA). It has been designed to comply with the National Automatic Merchandising Association (NAMA) "Standard for the Sanitary Design and Construction of Food and Beverage Vending Machines".



To maintain this degree of safety and to continue to achieve the level of performance built into this machine, it is important that installation and maintenance be performed so as to not alter the original construction or wiring and that replacement parts are as specified in this Parts Manual. Your investment in this equipment will be protected by using the Operators' Guide and this Parts Manual in your operation, service and maintenance work. By following prescribed procedures, machine performance and safety will be preserved. Copies of this Parts Manual and the Operators' Guide are available on our website [www.cranems.com](http://www.cranems.com).

**Model 432 & 962**

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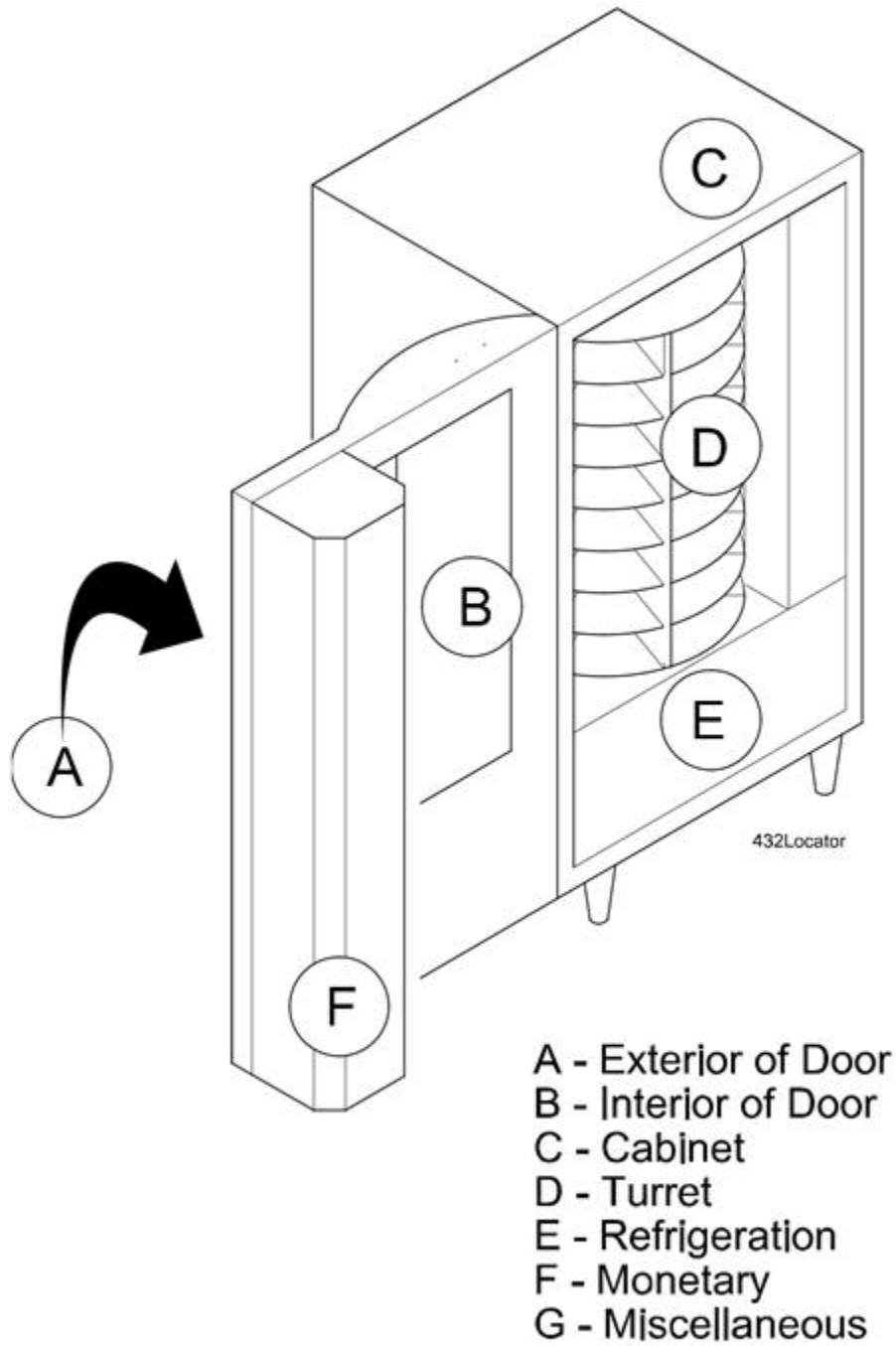
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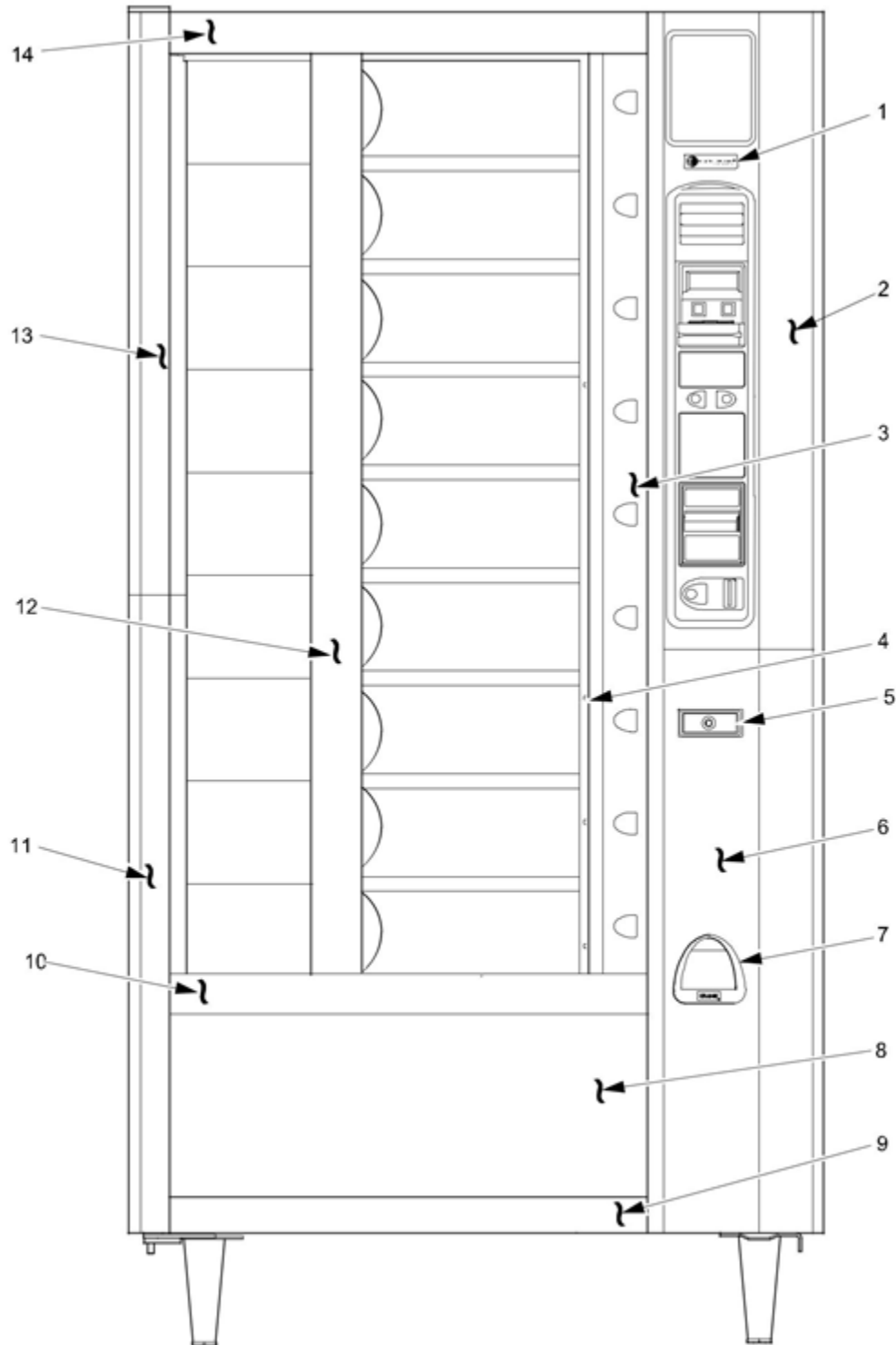
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432p0008

**FIGURE 1: 432 DOOR TRIM**

**TABLE 1: MONETARY DOOR**

ITEM #	PART NUMBER		DESCRIPTION	QTY
	BLACK	PLATINUM		
1	103611	103611	PLATE - NV LOGO - 432	1
	104158	104158	PLATE - AP LOGO	
2	103650	103675	PANEL - TRIM - TOP ACCESS	1
3	111187	111188	WELD ASSEMBLY-ACCESS PANEL	1
4	103661	106539	TRIM - SIDE - ACCESS PANEL	1
5	103612	103265	LOCK ASSEMBLY - "T"	1
6	106515	103676	PANEL - TRIM - BOTTOM - ACCESS	1
7	103654	106538	BEZEL - COIN RETURN CUP	1
8	103626	103626	POP-LARGE-GRAPHICS	1
	103638	103638	PANEL POP-LARGE-HDPE	
9	103603	103640	TRIM - HORIZONTAL - LOWER S - CURVE	1
10	103604	106498	TRIM - HORIZONTAL - MID S - CURVE	1
11	103606	103642	TRIM - LEFT VERTICAL - LOWER	1
12	106479	103643	TRIM - POST - CENTER	1
13	103602	103639	TRIM - LEFT VERTICAL - UPPER	1
14	103605	103641	TRIM - HORIZONTAL - UPPER - CURVE	1

**TABLE 1A: TRIM HARDWARE**

PART NUMBER		DESCRIPTION	RETAINER	SCREW
BLACK	PLATINUM			
103605	103641	TRIM - HORIZONTAL - UPPER - CURVE	103731 (2)	103126 (4)
103602	103639	TRIM - LEFT VERTICAL - UPPER	103731 (5)	-----
103606	103642	TRIM - LEFT VERTICAL - LOWER	103731 (5)	103768 (1)
103604	106498	TRIM - HORIZONTAL - MID S - CURVE	103731 (4)	103768 (4)
103603	103640	TRIM - HORIZONTAL - LOWER S - CURVE	-----	103768 (3)
103650	103675	PANEL - TRIM - TOP ACCESS	-----	103768 (6)
106515	103676	PANEL - TRIM - BOTTOM - ACCESS	-----	103768 (6)
106479	103643	TRIM - POST - CENTER	-----	103145 (4)

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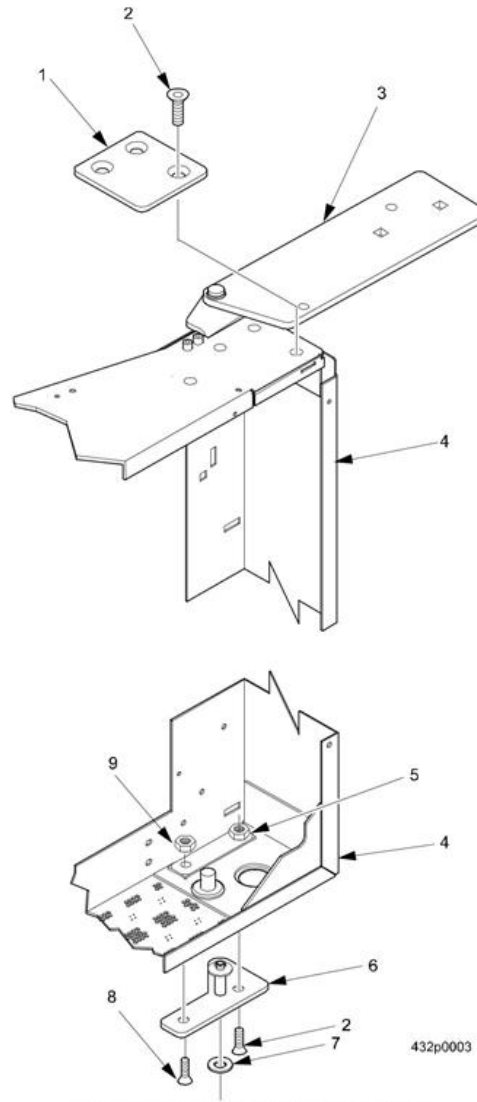


FIGURE 2: DOOR HINGE ASSEMBLIES

TABLE 2: DOOR HINGE ASSEMBLY

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	106472	PLATE - CLAMP - HINGE - TOP	1
2	103834	SCREW - 5/16 - 18X.75 FLAT HEAD SOCKET	5
3	100141	HINGE ASSEMBLY - DOOR - TOP – NOTE: THIS HINGE IS WELDED TO CABINET ASSEMBLY	1
4	112824	FOAMED DOOR ASSY-BLK/BLK	1
	112829	FOAMED DOOR ASSY-PLAT/BLK	
5	103833	PLATE ASSEMBLY - HINGE MOUNTING	1
6	103598	HINGE & PIN ASSEMBLY - DOOR BOTTOM	1
7	103519	BEARING-THRUST LOWER HINGE	1
8	108069	WELD SCREW-#1/4-20 X 1"LG	1
9	103119	NUT-1/4-20 WHIZ-LOCK	1



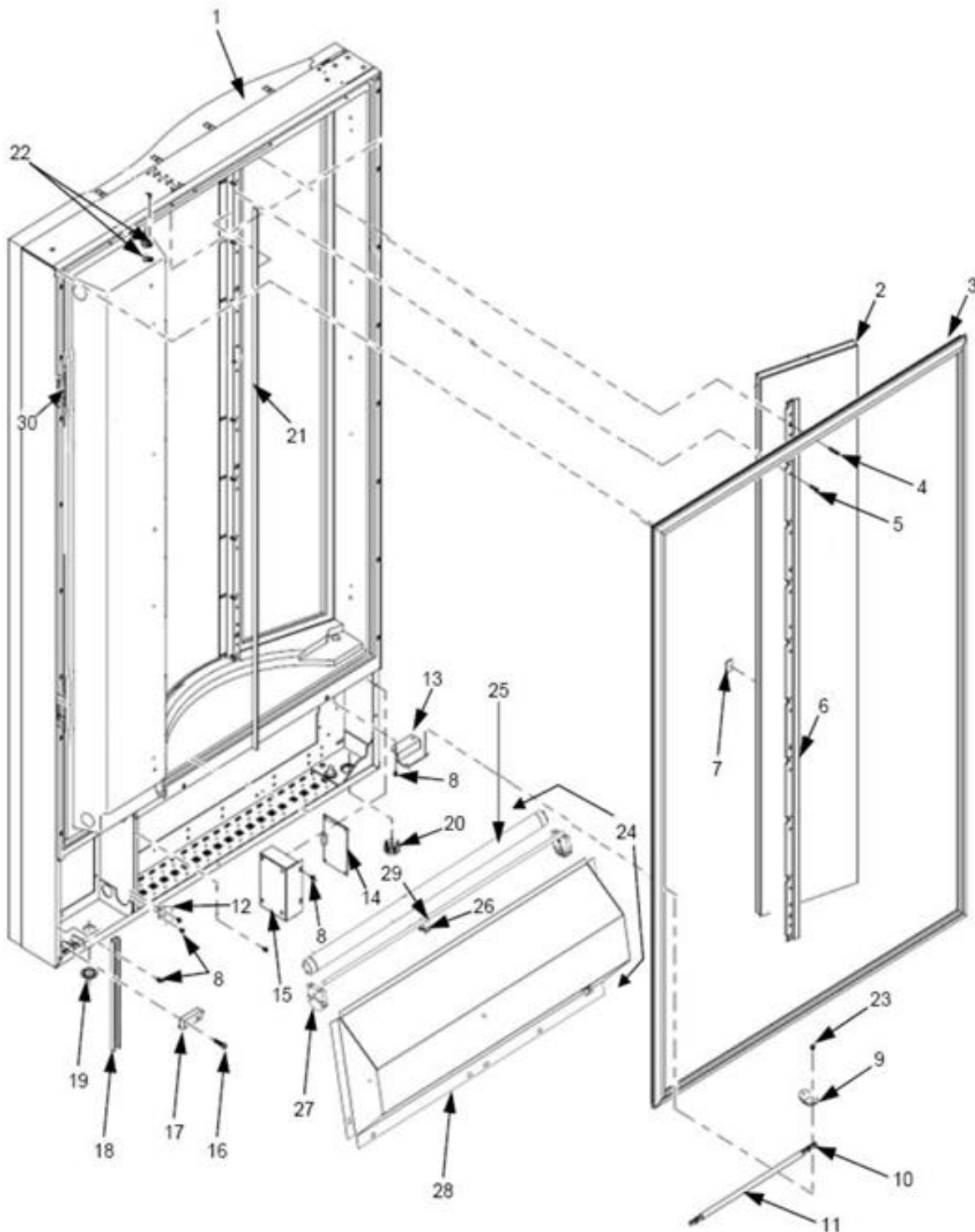
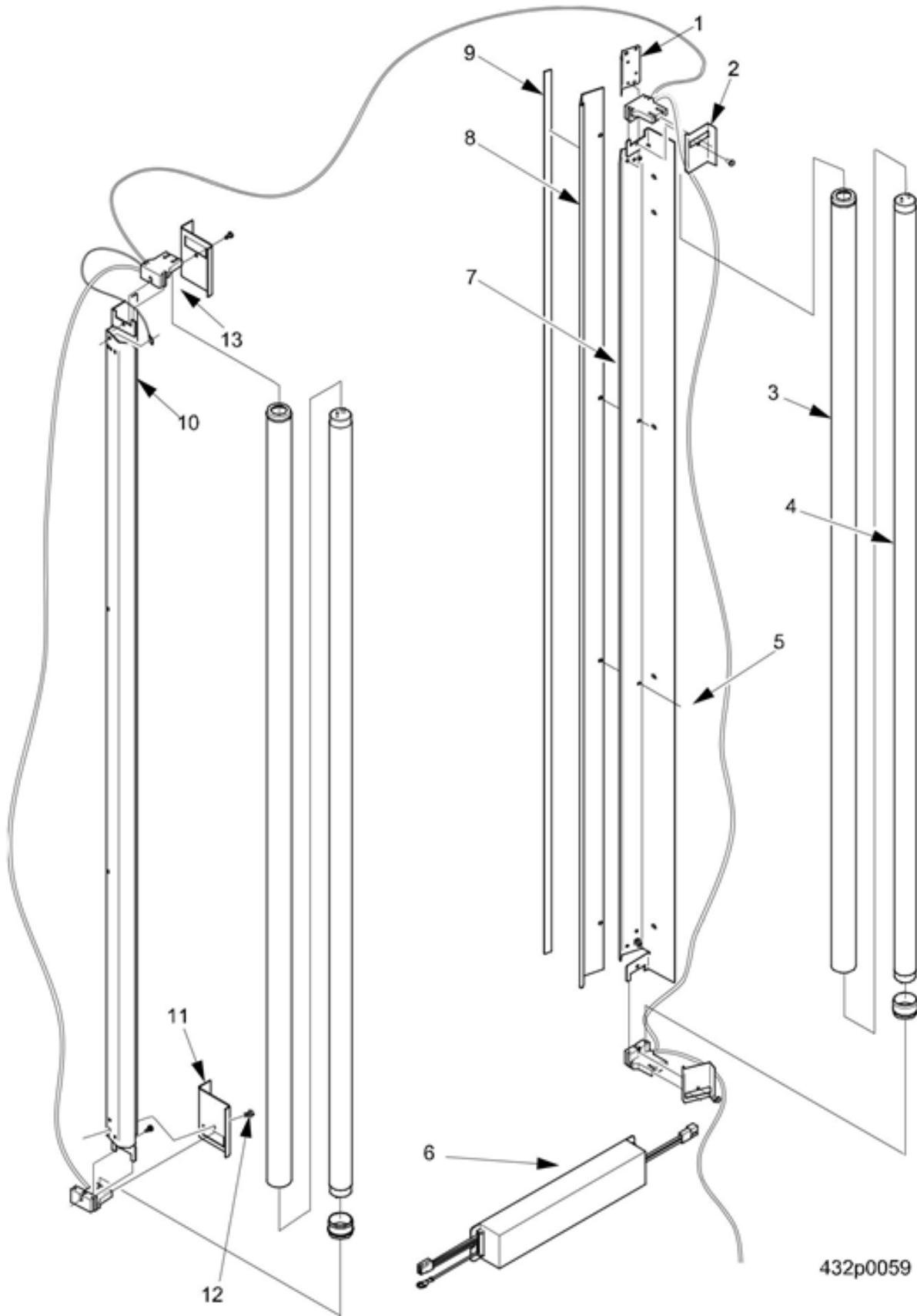


FIGURE 3: DOOR GLASS AND MISC. INTERIOR DOOR PARTS

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### TABLE 3: DOOR GLASS AND MISC. INTERIOR DOOR PARTS

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	112824	FOAMED DOOR ASSEMBLY - BLACK/BLACK	-----
	112829	FOAMED DOOR ASSEMBLY - PLAT/BLACK	
2	103597	GLASS ASSEMBLY - INSULATED - 24 VAC	1
3	103596	GASKET - DOOR - BLACK	1
4	103145	SCREW - #8-18 X 1 1/4 RHP TAPP	4
5	103174	SCREW - #8-18 X.75 PLASTITE HH	60
6	111746	REINF. - POST - CENTER - BLACK	1
7	103729	TAPE-VHB-62 MIL X .6 WIDE	120"
8	103126	SCREW - #8-32X.31 HEX HD.TF-BL	38
9	103528	BRACKET - DOOR CHAIN	1
10	112837	CHAIN - SASH - 13.8 LONG	1
11	112836	COVER - CHAIN	1
12	111184	PLATE-STRIKE-PWR. PNL.	1
13	103621	BRACKET - CHAIN - DOOR	1
14	103681	PCB ASSEMBLY - INTERFACE	1
15	111183	COVER - ELECTRIC - 1/O BOARD	1
16	106418	SCREW - #8-18 X 1 1/4 RHP TAPPING	2
17	103630	GLIDE - DOOR	1
18	103573	CHANNEL - SUPPORT - DOOR	1
19	105619	PLUG - HOLE	1
20	106401	PLUG - FOAMING HOLE	1
21	103608	TAPE - SPONGE - .42 X .19	1
22	103632	COVER WIRE GUIDE	2
23	100246	SCREW-#8-32 X .50 HX.HD.-T/F-B	4
24	108187	LAMP ASSY-P.O.P.-115V-FLUOR SEE TABLE 6 FOR 230V FLOUR ASSEMBLY SEE TABLE 5 FOR LED ASSEMBLY	-----
25	104041	LAMP-FLUORESCENT-17 WATT	1
26	103126	SCREW-#8-32X.31 HEX HD.TF-BLK.	16
27	106563	HARNESS-POP LAMP	1
28	111178	PANEL-LAMP-POP-115V	1
29	100863	RETAINER-HARNESS	1
30	103631	GUARD-GASKET	2



432p0059

**FIGURE 4: LIGHT ASSEMBLY**

**TABLE 4: LIGHT ASSEMBLY**

ITEM #	PART NUMBER	DESCRIPTION	QTY
-----	4322245	LAMP ASSEMBLY - FLUORESCENT - DOOR - (115V)	-----
	4322172	LAMP ASSEMBLY - FLUORESCENT - DOOR - (230V)	
1	4322263	SHIELD-UPPER, WIRING, LAMP	1
2	111180	COVER-UPPER, WIRING, LAMP	2
3	103601	SAFETY LAMP SLEEVE W/END CAPS	2
4	106477	LAMP - FLUORESCENT - 32 WATT - (115V)	2
	106484	LAMP - FLUORESCENT - 36 WATT - (230V)	
5	100863	RETAINER-HARNES	4
6	107992	BALLAST - ASSEMBLY - ELECTRONIC - (115V)	1
	4329064	BALLAST-ASSY ELECTRONIC - (230V)	1
7	106447	ASSY-BRACKET, LAMP	1
8	103629	PANEL-TRIM-LAMP-BLACK	1
9	103767	GASKET-.19X.38	50.37
10	106447	ASSY-BRACKET, LAMP	1
11	106490	COVER-LOWER, WIRING, LAMP	2
12	105637	SCREW-#6-32 X 5/16-RHS-W/LKW	4
13	CR0014886	HARNES - LAMP TO BALLAST - (115V)	1
	110545	HARNES - LAMP TO BALLAST - (230V)	

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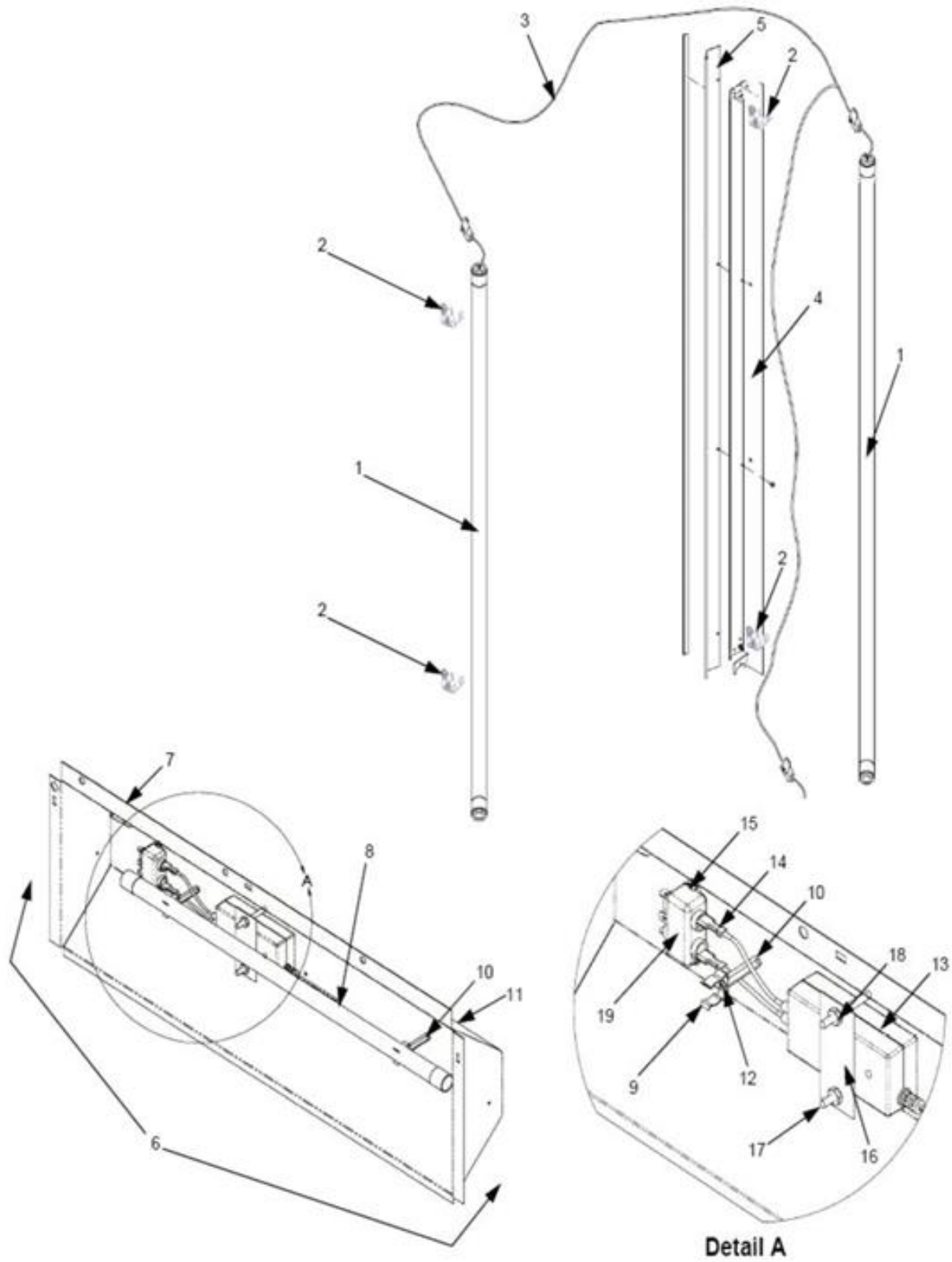
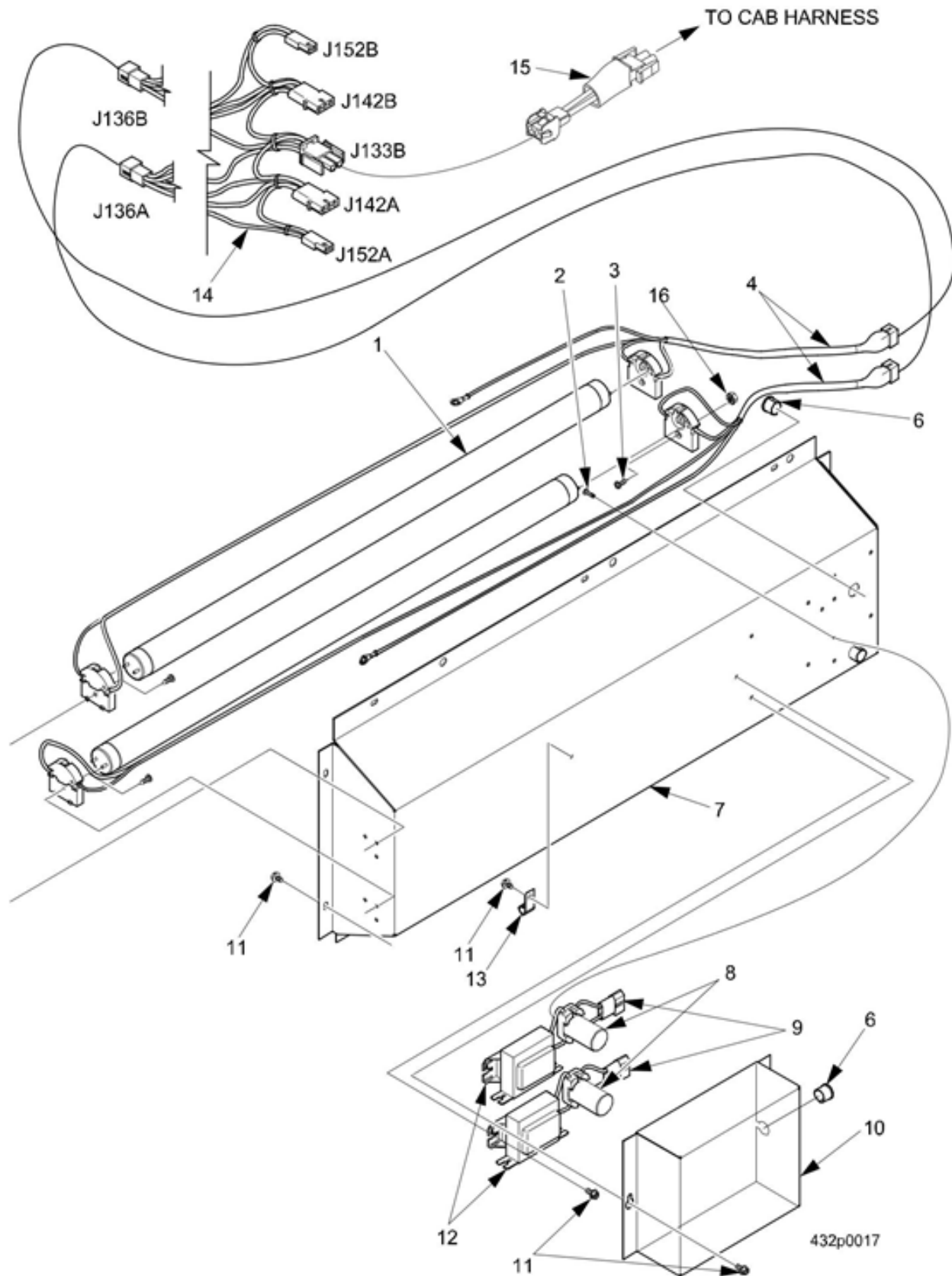


FIGURE 5: LED LIGHTING ASSEMBLY (OPTIONAL)

**TABLE 5: LED LIGHTING ASSEMBLY (OPTIONAL)**

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	104349	ASSY-48 LED-1200MM	2
2	103198	ASSY-MTG-CLIP-ADJ-LED	4
3	104351	HARNESS-LED-LIGHTING	1
4	103198	ASSY-BRACKET, LAMP	1
5	103629	PANEL-TRIM-LAMP-BLACK	1
6	108186	LAMP ASSY-POP-115/230V-LED	-----
7	111178	PANEL-LAMP-POP-115V	1
8	102445	ASSY-24 LED-500MM	1
9	100069	CLIP-SPRING STEEL-LED	2
10	AP13100065	HEX STANDOFF M/F THD 4-40X1.25	2
11	111984	4-40 KEPS W/EXT L/WAS H ZP	2
12	105792	SCREW-#4-40 X 1/4 RHS	2
13	106100	SMPS-LINE TO 24VDC-NO CORD	1
14	100676	HARNESS-SMPS PWR ADAPTER	1
15	107757	SCREW #8-32X5/16 RHS SEMS MACH	2
16	111449	PLATE-MNTG-LED PWR SUP	1
17	108188	SCREW-#10-32 X 1.75 PHS	2
18	111982	NUT #10-32 KEPS ZINC PLATE	2
19	100703	FILTER-LIGHT	1
NS	103716	HARNESS-PWR-LED FILTER (NOT SHOWN)	1

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**FIGURE 6: LAMP ASSEMBLY - POP (230V ONLY)**

**TABLE 6: LAMP ASSEMBLY – POP (230V ONLY)**

ITEM #	PART NUMBER	DESCRIPTION	QTY
-----	4322166	LAMP ASSEMBLY - P.O.P. - 50HZ (230V)	-----
1	107281	LAMP - FLUORESCENT - 18W (F18T8CW/K24)	2
2	103523	SCREW - #4-24 X .375 PH Z-P S.	4
3	110298	SCREW - SHEET METAL - #6 X .44	4
4	106561	HARNESS - POP LAMP	2
5	106555	HARNESS - LAMP TO POWER PANEL	1
6	104068	BUSHING #OCB-500	3
7	106486	PANEL - LAMP - P.O.P. - WHITE	1
8	106233	STARTER FS-2, FLUORESCENT LAMP	2
9	106440	STARTER SOCKET ASSEMBLY	2
10	106485	COVER - BALLAST - P.O.P.	1
11	103126	SCREW - #8-32X.31 HEX HD.TF - BLACK	16
12	107111	BALLAST ASSEMBLY - 18 WATT - (230V)	2
13	100863	RETAINER-HARNESS	2
14	106558	HARNESS - POP - BALLAST	1
15	103207	FLST. LIGHT FILTER-120/230V	1
16	111984	4-40 KEPS W/EXT L/WAS H ZP	4



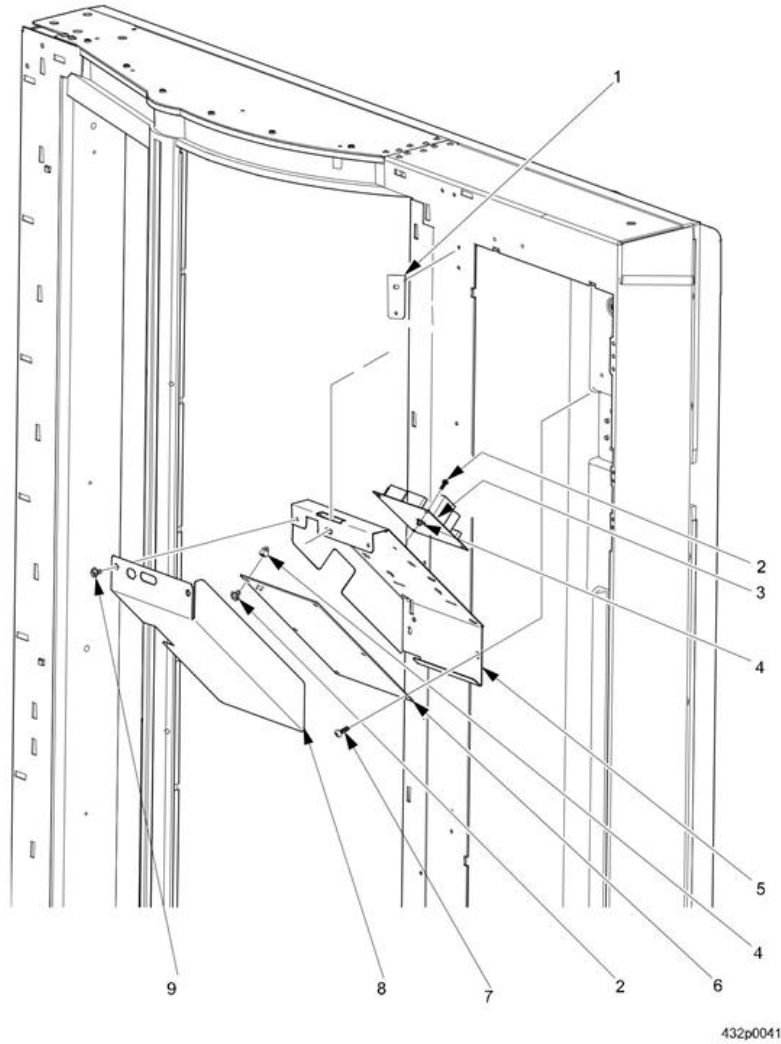
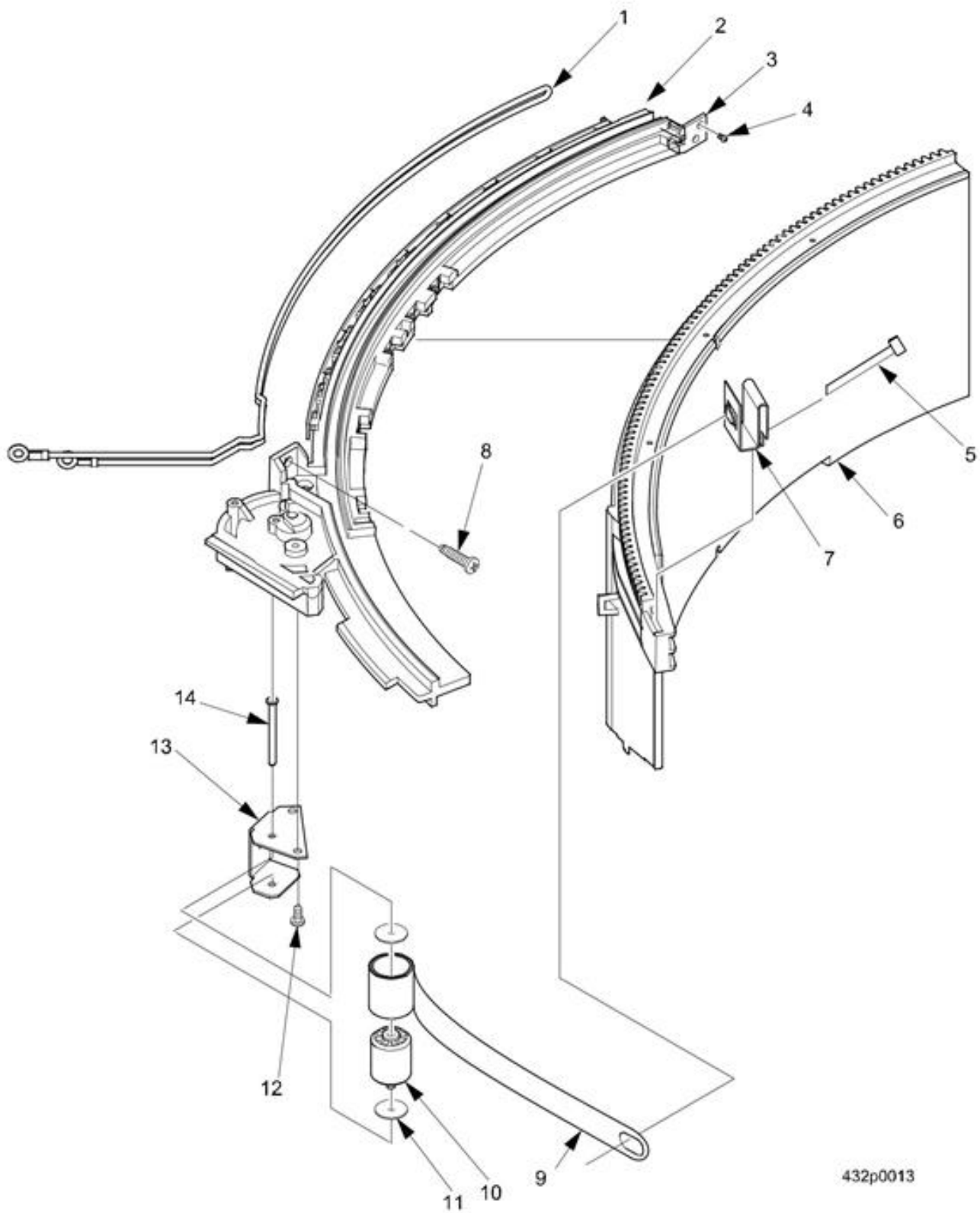


FIGURE 7: MAIN CONTROLLER & ACCESS PANEL STOP

TABLE 7: MAIN CONTROLLER & ACCESS PANEL STOP

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	111208	PLATE-CONTROLLER BOARD MOUNT	1
2	100240	SCREW-#8-18 X .62 HEX/WH.	2
3	103683	PCB ASSY SOLENOID W/O MOTOR	1
	104334	PCB ASSY SOLENOID W/ MOTOR	
4	106309	SPACER-LINER-.375LG X.500 DIA	2
5	103669	HOUSING - MAIN CONTROLLER BOARD	1
6	103684	MAIN CONTROLLER PCB W/O EPROM	1
	113636	IC ASSY-VER 432.08	
7	100243	SCREW-#8-10 X.5 T/F-PHS	2
8	103668	COVER MAIN CONTROLLER-BOARD	1
9	103126	SCREW - #8-32X.31 HEX HD.TF-BL	2



432p0013

**FIGURE 8: MANUAL VEND GUIDE ASSEMBLY-TOP**

**TABLE 8: MANUAL VEND GUIDE ASSEMBLY – TOP**

ITEM #	PART NUMBER	DESCRIPTION	QTY
-----	107174	GUIDE ASSEMBLY - VEND - TOP - MANUAL	1
-----	112822	GUIDE & HEATER ASSEMBLY - VEND (ITEMS 1-2)	1
1	103678	WIRE & TERMINAL ASSEMBLY - HEATER DOOR - 24 VAC	1
2	103599	GUIDE - DOOR - VEND	1
3	103617	RETAINER - GUIDE	1
4	103133	SCREW - #6-32 X .25 PHS T/C	2
5	100512	WIRE TIE-#PLT1M-M20	1
6	103616	WELD ASSEMBLY - VEND DOOR	1
7	103618	HOLDER - SPRING - RETURN - MANUAL	1
8	103174	SCREW - #8-18 X.75 PLASTITE HHS	2
-----	112823	SPRING & ROLLER ASSEMBLY-DOOR-RET (ITEMS 9-11,13,14)	-----
9	103625	SPRING - DOOR	1
10	106464	ROLLER - SUPPORT - DOOR	1
11	106571	WASHER - VEND DOOR SPRING ASSEMBLY	2
12	103584	SCREW - #6-19 X .31 PHIL.PHS.T/C	2
13	103622	BRACKET - ROLLER - SPRING RETURN	1
14	103623	PIN - ROLLER	1

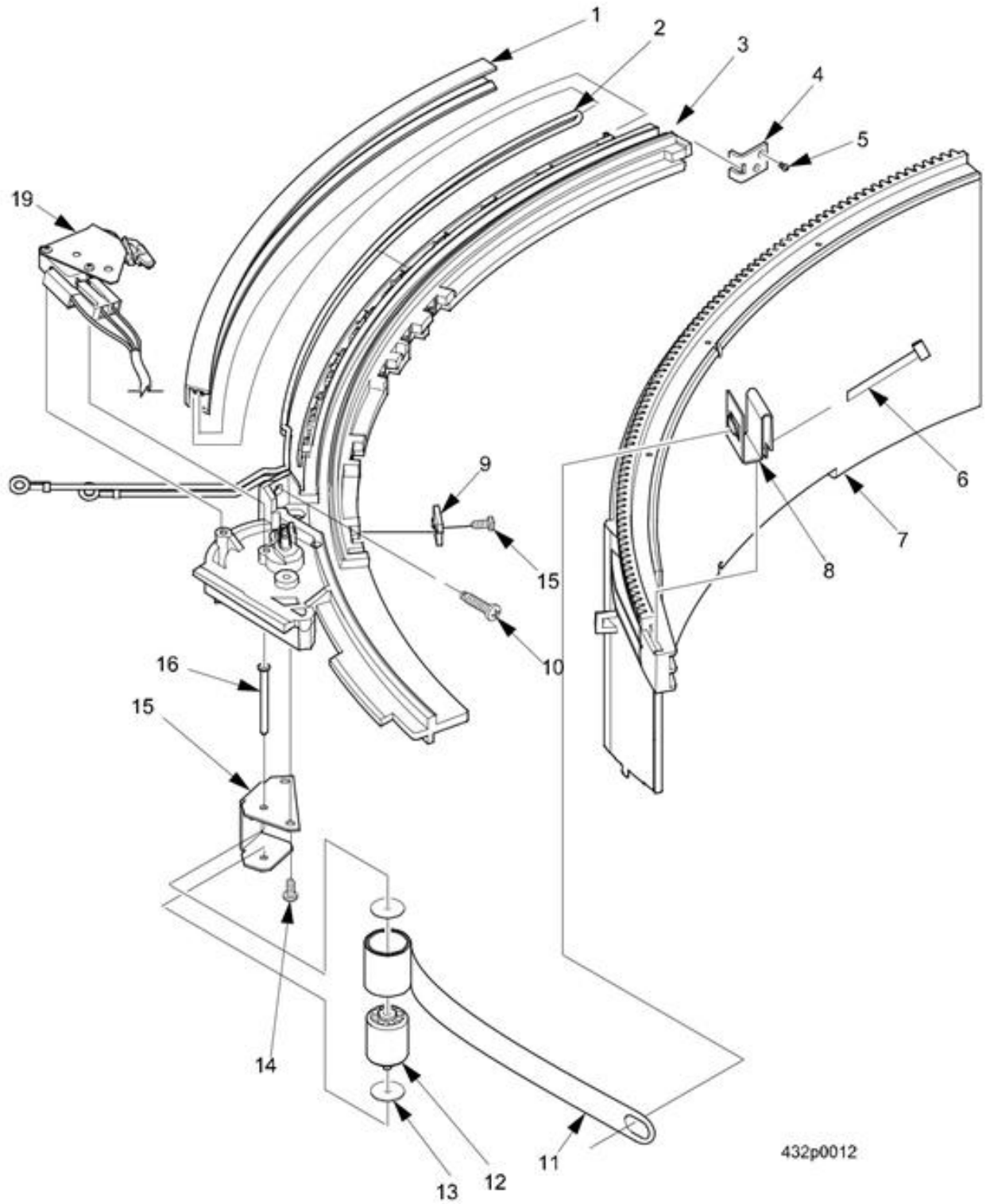
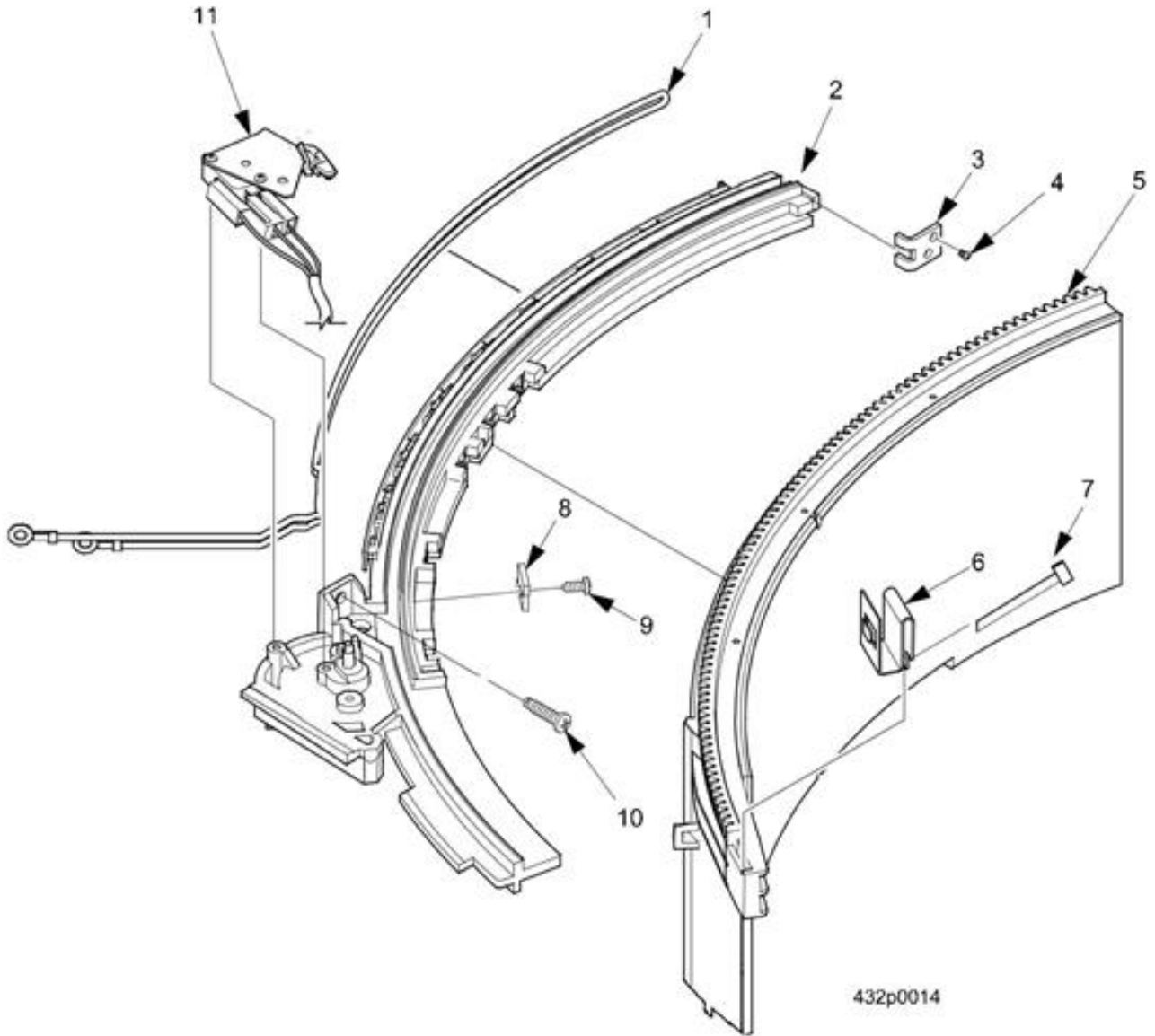


FIGURE 9: MANUAL VEND GUIDE ASSEMBLY-MIDDLE

**TABLE 9: MANUAL VEND GUIDE ASSEMBLY - MIDDLE**

<b>ITEM #</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>	<b>QTY</b>
-----	107330	GUIDE ASSEMBLY - VEND - MID - MANUAL	8
1	103610	COVER - GUIDE - VEND	1
-----	112822	GUIDE & HEATER ASSEMBLY - VEND (ITEMS 2-3)	-----
2	103678	WIRE & TERMINAL ASSEMBLY - HEATER DOOR - 24VAC	1
3	103599	GUIDE - DOOR - VEND	1
4	103617	RETAINER - GUIDE	1
5	103133	SCREW - #6-32 X .25 PHS T/C	2
6	100512	WIRE TIE -#PLT1M-M20	1
7	103616	WELD ASSEMBLY - VEND DOOR	1
8	103618	HOLDER - SPRING - RETURN - MANUAL	1
9	106494	STOP - VEND - DOOR	1
10	103174	SCREW - #8-18 X.75 PLASTITE HHS	2
-----	112823	SPRING & ROLLER ASSEMBLY - DOOR – RETURN (ITEMS 11-13, 15,16)	-----
11	103625	SPRING - DOOR	1
12	106464	ROLLER - SUPPORT - DOOR	1
13	106571	WASHER - VEND DOOR SPRING ASSEMBLY	2
14	103584	SCREW - #6-19 X .31 PHIL.PHS.T/C	2
15	103622	BRACKET - ROLLER - SPRING RETURN	1
16	103623	PIN - ROLLER	1
17	-----	SEE FIGURE 13 DOOR SWITCH ASSEMBLY	1



**FIGURE 10: VEND GUIDE ASSEMBLY-BOTTOM (MANUAL AND AUTO)**

**TABLE 10: VEND GUIDE ASSEMBLY - BOTTOM (MANUAL AND AUTO)**

<b>ITEM #</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>	<b>QTY</b>
-----	107650	GUIDE ASSEMBLY - VEND - BOTTOM	-----
-----	112822	GUIDE & HEATER ASSEMBLY - VEND (ITEMS 1-2)	1
1	103678	WIRE & TERMINAL ASSEMBLY - HEATER DR - 24 VAC	1
2	103599	GUIDE - DOOR - VEND	1
3	103617	RETAINER - GUIDE	1
4	103133	SCREW - #6-32 X .25 PHS T/C	2
5	103616	WELD ASSEMBLY - VEND DOOR	1
6	103618	HOLDER - SPRING - RETURN - MANUAL (MANUAL DOOR ONLY)	1
7	100512	WIRE TIE-#PLT1M-M20	1
8	106494	STOP - VEND - DOOR	1
9	103584	SCREW - #6-19 X .31 PHIL.PHS.T/C	1
10	103174	SCREW - #8-18 X.75 PLASTITE HHS	2
11	-----	SEE FIGURE 13 DOOR SWITCH ASSEMBLY	1



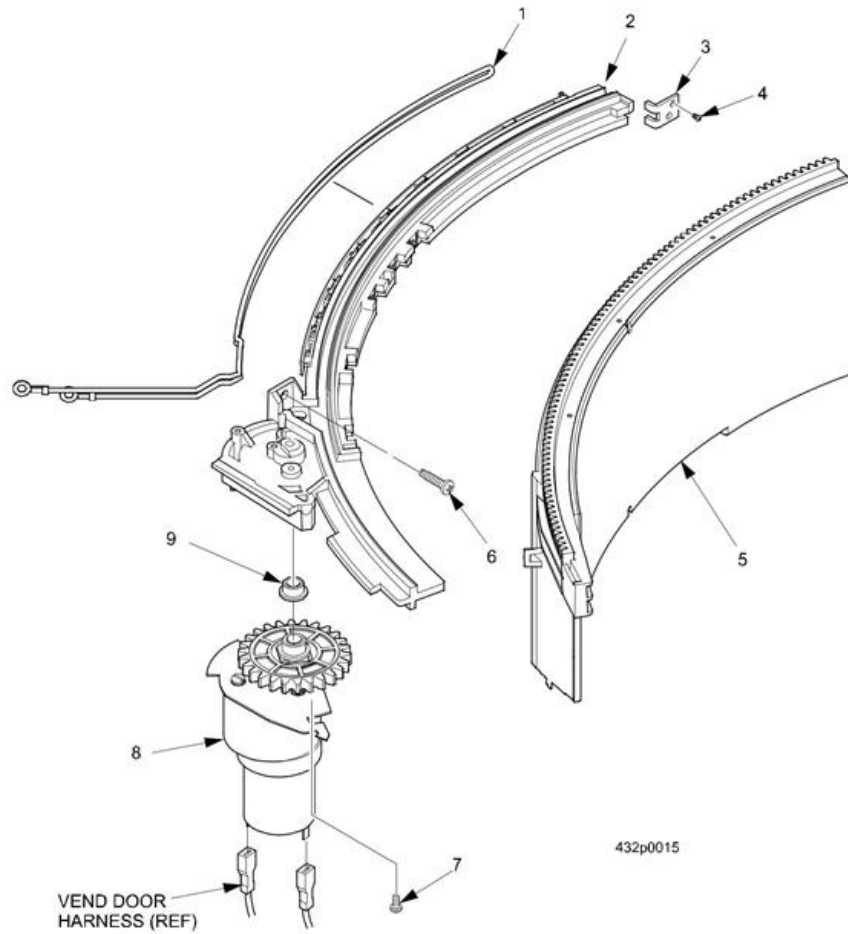
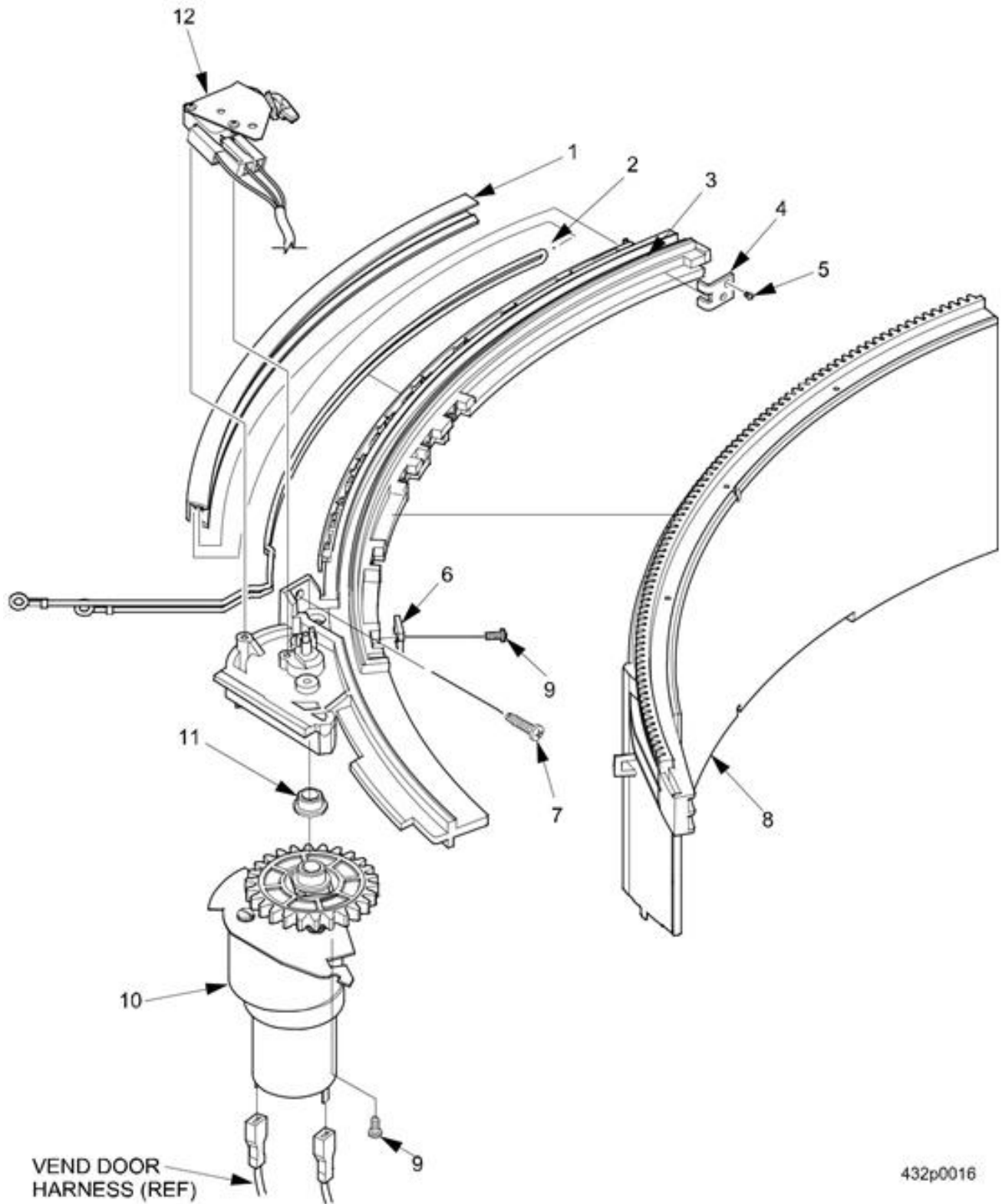


FIGURE 11: POWER VEND GUIDE ASSEMBLY-TOP

TABLE 11: POWER VEND GUIDE ASSEMBLY – TOP

ITEM #	PART NUMBER	DESCRIPTION	QTY
-----	107651	GUIDE ASSEMBLY - VEND - TOP - POWER	-----
-----	112822	GUIDE & HEATER ASSEMBLY - VEND (ITEMS 1-2)	1
1	103678	WIRE & TERMINAL ASSEMBLY - HEATER DOOR - 24 VAC	1
2	103599	GUIDE - DOOR - VEND	1
3	103617	RETAINER - GUIDE	1
4	103133	SCREW - #6-32 X .25 PHS T/C	2
5	103616	WELD ASSEMBLY - VEND DOOR	1
6	103174	SCREW - #8-18 X.75 PLASTITE HHS	1
7	103584	SCREW - #6-19 X .31 PHIL.PHS.T/	1
8	112821	MOTOR BRACKET & GEAR ASSEMBLY - VEND	1
9	103614	BEARING - SHOULDER - BRONZE	1





**FIGURE 12: POWER VEND GUIDE ASSEMBLY-MIDDLE**

**TABLE 12: POWER VEND GUIDE ASSEMBLY – MIDDLE**

ITEM #	PART NUMBER	DESCRIPTION	QTY
-----	107652	GUIDE ASSEMBLY - VEND - MID - POWER	-----
1	103610	COVER - GUIDE - VEND	1
-----	112822	GUIDE & HEATER ASSEMBLY - VEND (ITEMS 2-3)	1
2	103678	WIRE & TERMINAL ASSEMBLY - HEATER DOOR - 24 VAC	1
3	103599	GUIDE - DOOR - VEND	1
4	103617	RETAINER - GUIDE	1
5	103133	SCREW - #6-32 X .25 PHS T/C	2
6	106494	STOP - VEND - DOOR	1
7	103174	SCREW - #8-18 X.75 PLASTITE HHS	1
8	103616	WELD ASSEMBLY - VEND DOOR	1
9	103584	SCREW - #6-19 X .31 PHIL.PHS.T/C	1
10	112821	MOTOR BRACKET & GEAR ASSEMBLY - VEND	1
11	103614	BEARING - SHOULDER - BRONZE	1
12	-----	SEE FIGURE 13 DOOR SWITCH ASSEMBLY	1

# CRANE MERCHANDISING SYSTEMS

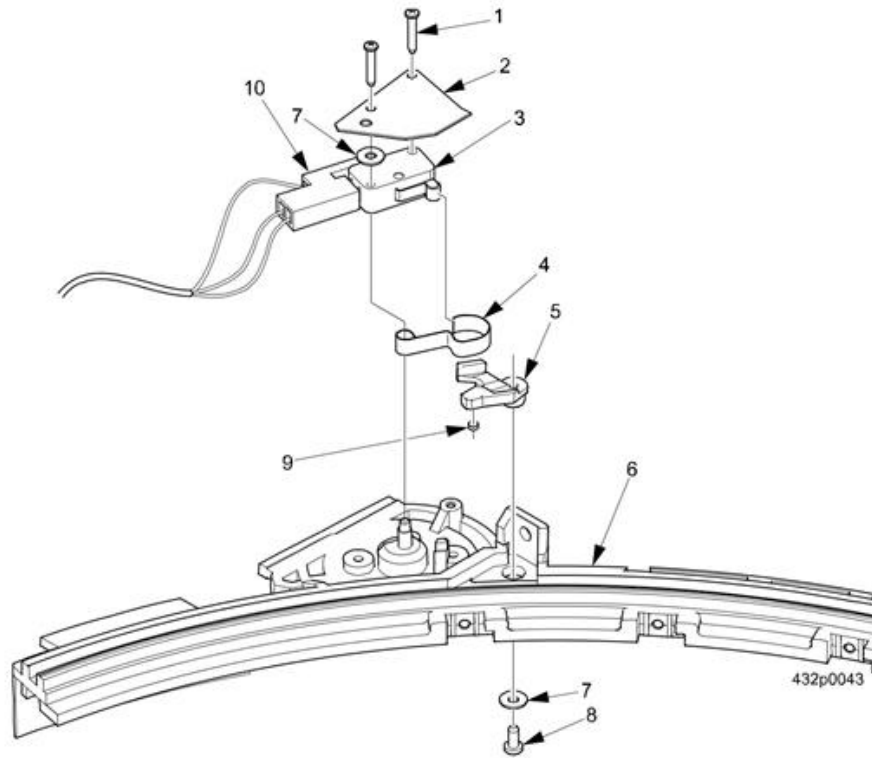
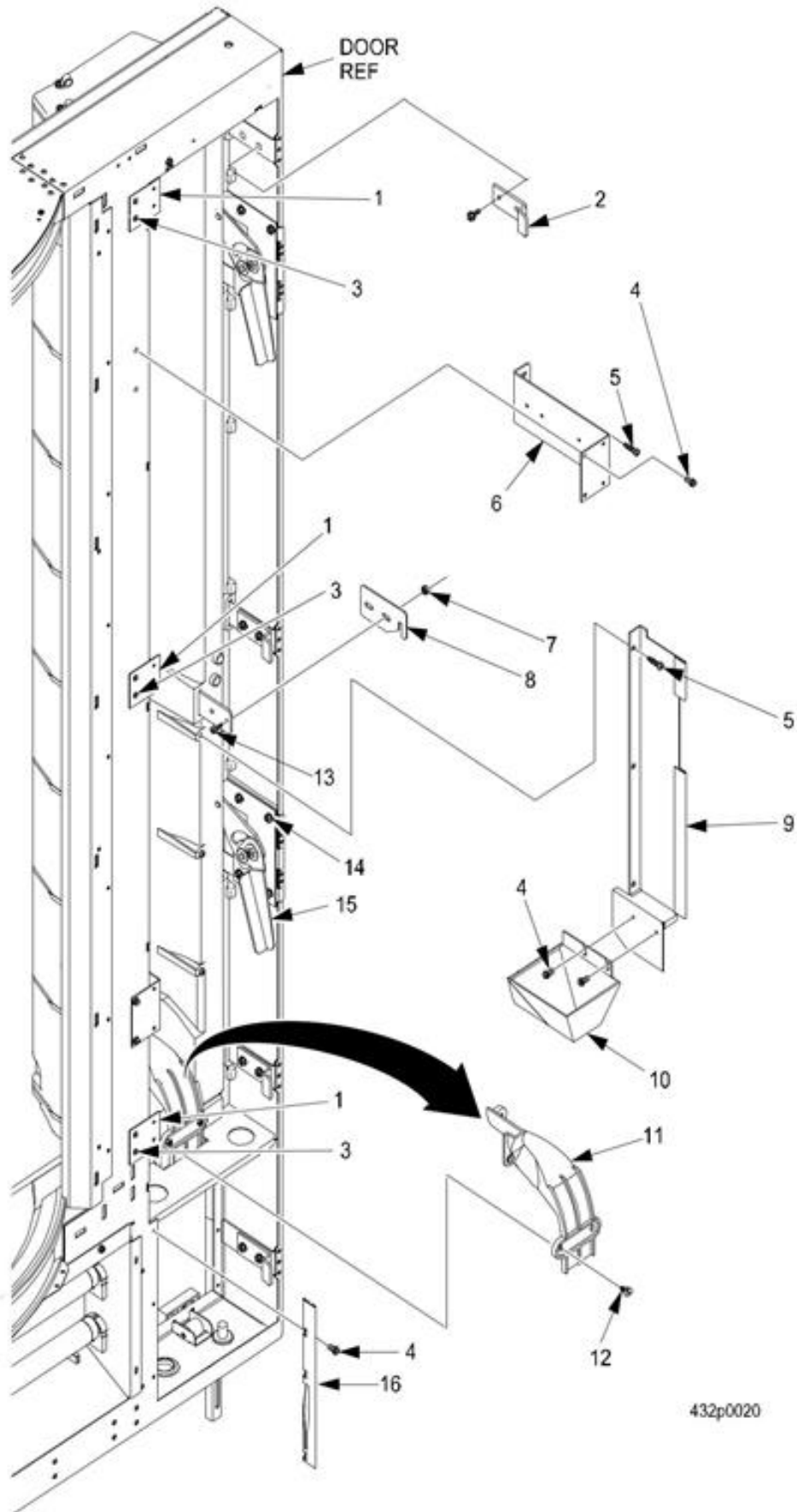


FIGURE 13: DOOR SWITCH ASSEMBLY

TABLE 13: DOOR SWITCH ASSEMBLY

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	106482	SCREW-#3-24 X .62 PLASTITE-PN-	2
2	111177	COVER-MICRO SWITCH	1
3	104055	SWITCH-ROLLER LEVER	1
4	106481	SPRING-SWITCH-DOOR-VEND	1
5	103624	CAM-MICRO SWITCH	1
6	112822	GUIDE & HEATER ASSY-VEND	1
7	104049	WASHER STEEL 3/8 X .147 X .031	1
8	103133	SCREW-#6-32 X .25 PHS T/C	2
9	106487	ROLLER-CAM-MICRO SWITCH	1
10	103718	HARNES, VEND DOOR MANUAL	1
	103717	HARNES, VEND DOOR POWER	1
NS	106570	JUMPER, MOTOR POWER	-----

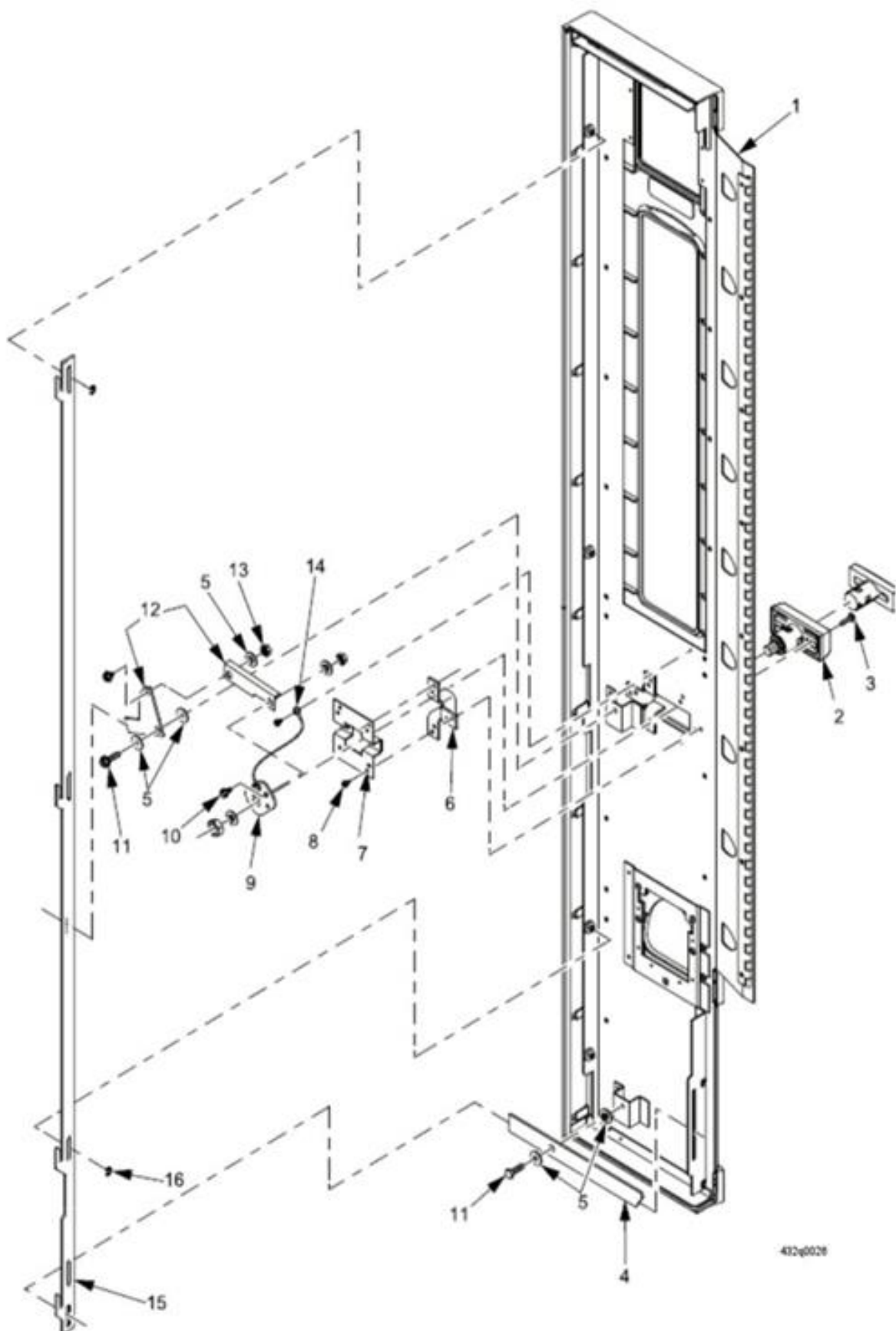
# CRANE MERCHANDISING SYSTEMS



**FIGURE 14: INTERIOR DOOR - MISCELLANEOUS PARTS**

**TABLE 14: INTERIOR DOOR – MISCELLANEOUS PARTS**

<b>ITEM #</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>	<b>QTY</b>
1	111210	TAP PLATE - LATCH ARM	3
2	103600	LATCH - DOOR - MONETARY	4
3	100223	RIVET - POP - .125 DIA X .265	6
4	103126	SCREW - #8-32X.31 HEX HD.TF-BL	37
5	100243	SCREW- #8-18 X ,75 PLASTITE HH	3
6	103674	BRACKET - MOUNT - SLIDE	2
7	100153	NUT #8-32 KEPS ZINC PLATE	2
8	103664	ARM LOCK-MONETARY	1
9	111206	SIDE-FILLER-MONETARY	1
10	103658	CHUTE-PAYOUT	1
11	103615	CHUTE- MONEY BOX	1
12	100243	SCREW - #8-10X.38 HEX HD.TF	3
13	103126	SCREW #8-32 X 9/16 P/H PHIL.	2
14	105784	SCREW - #10-32X3/8 ACORN HEX W	14
15	103636	LATCH/PLATE ASSEMBLY	2
16	106489	ANGLE-BACKUP, POP	1



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FIGURE 15: LOCK BAR ASSEMBLY

**TABLE 15: LOCK BAR ASSEMBLY**

ITEM #	PART NUMBER		DESCRIPTION	QTY
	BLACK	PLATINUM		
1	111187	111188	WELD ASSEMBLY - ACCESS PANEL	1
2	103612	103265	LOCK ASSEMBLY - "T"	1
3	103539	103539	CARRIAGE BOLT - #10-24 X 1.0	2
4	103666	103666	BAR - LOCK, LOWER	1
5	103843	103843	BUSHING	6
6	103663	103663	REINFORCEMENT - LOCK - SIDE	2
7	111201	111201	MOUNT - LOCK - ACCESS PANEL	1
8	100246	100246	SCREW - #8-32 X .50 HX.HD.-T	6
9	-----	-----	NOT SOLD SEPARATELY - ORDER P/N 4325191	-----
10	108070	108070	SCREW - 1/4 X 20 X .5 HEX HD	4
11	103114	103114	SCREW - 1/4-20 X 3/4 HEX HD	4
12	103672	103672	DRIVEN - ACTUATOR - LOCK	1
13	109462	109462	1/4-20 KEPS NUT EXT LW ZP	2
14	107839	107839	WIRE - GROUND - 5"	1
15	103671	103671	LOCKBAR	1
16	108233	108233	RETAINING RING REINF E TYP.250	7

# CRANE MERCHANTISING SYSTEMS

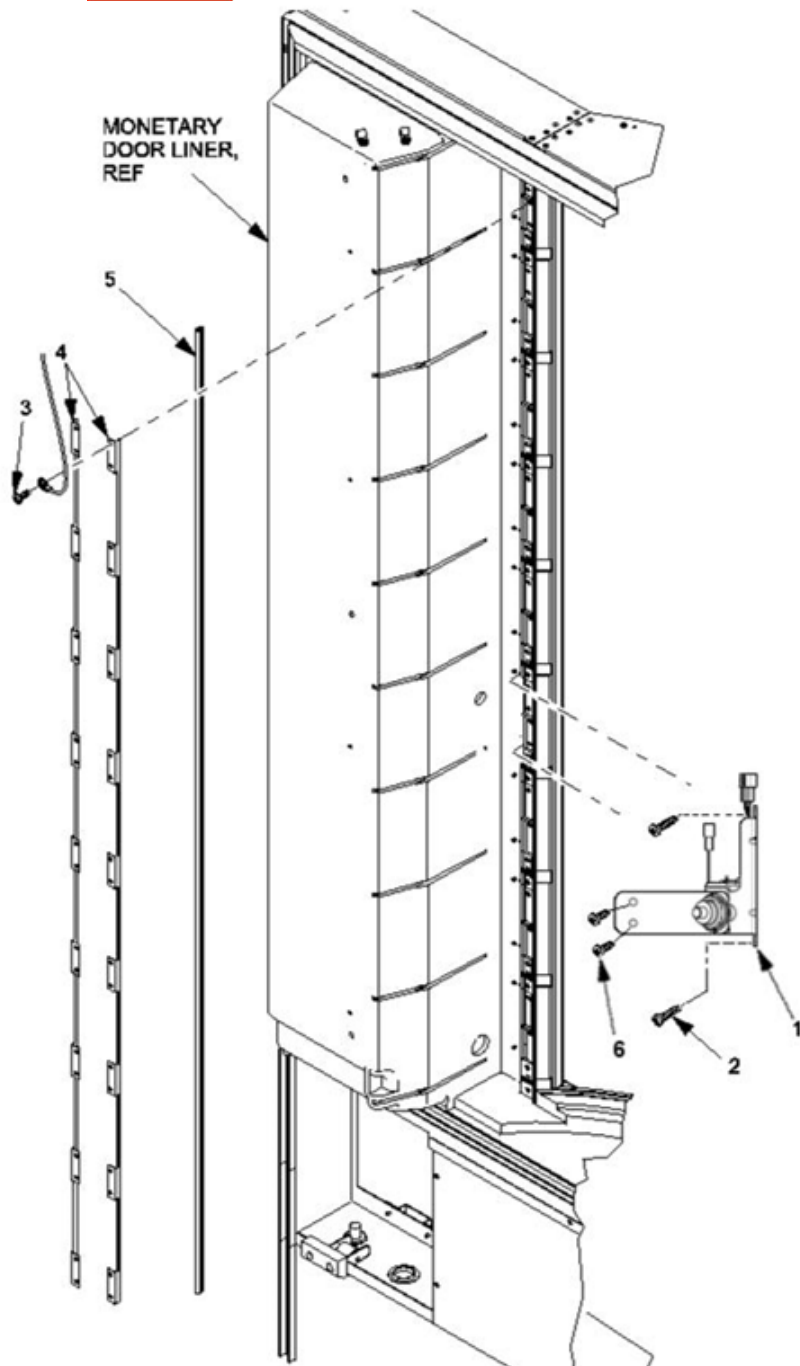


FIGURE 16: BUSS BAR AND VEND DOOR LOCK

TABLE 16: BUSS BAR AND VEND DOOR LOCK

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	103637	ASM VEND DR SOLND DELTROL LK	9
2	103174	SCREW - #8-18 X.75 PLASTITE	18
3	106691	SCREW-#8-1/2 PHILLIPS-PH.-S.S.	22
4	103679	BUSS BAR	2
5	103607	SEAL - TUBE & DART	1
6	107959	SCREW-#8-18 X 1/2"PHIL.PAN HD	18



# CRANE MERCHANDISING SYSTEMS

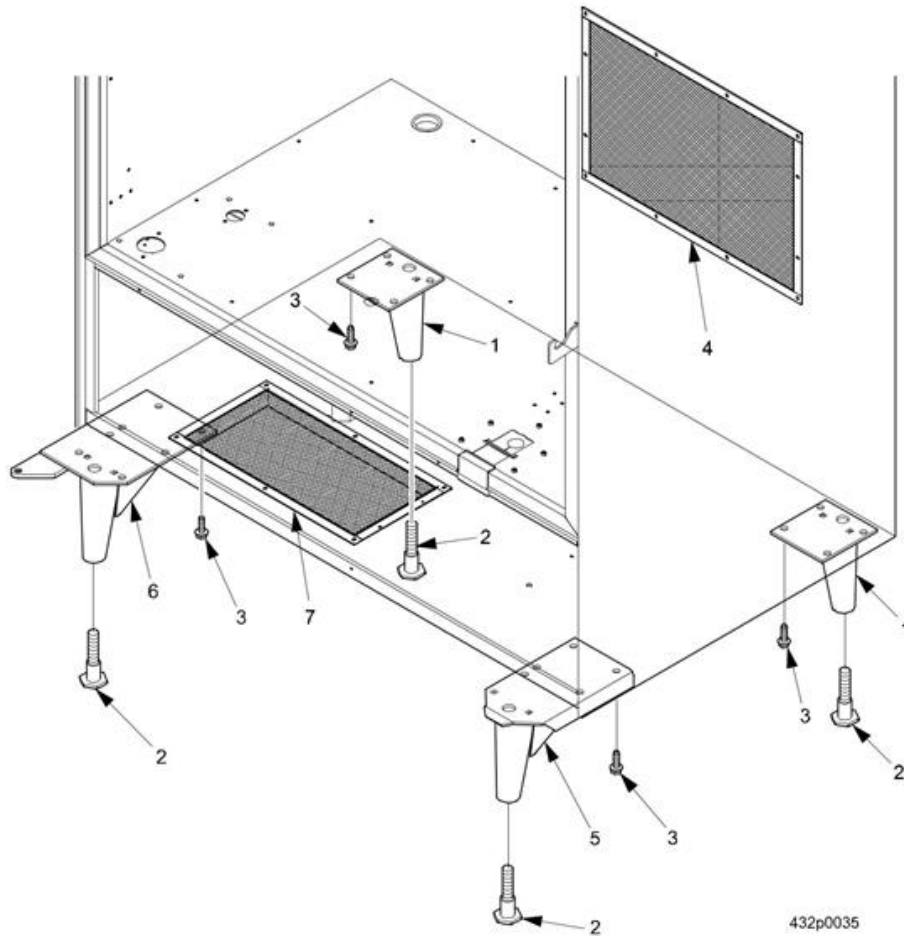
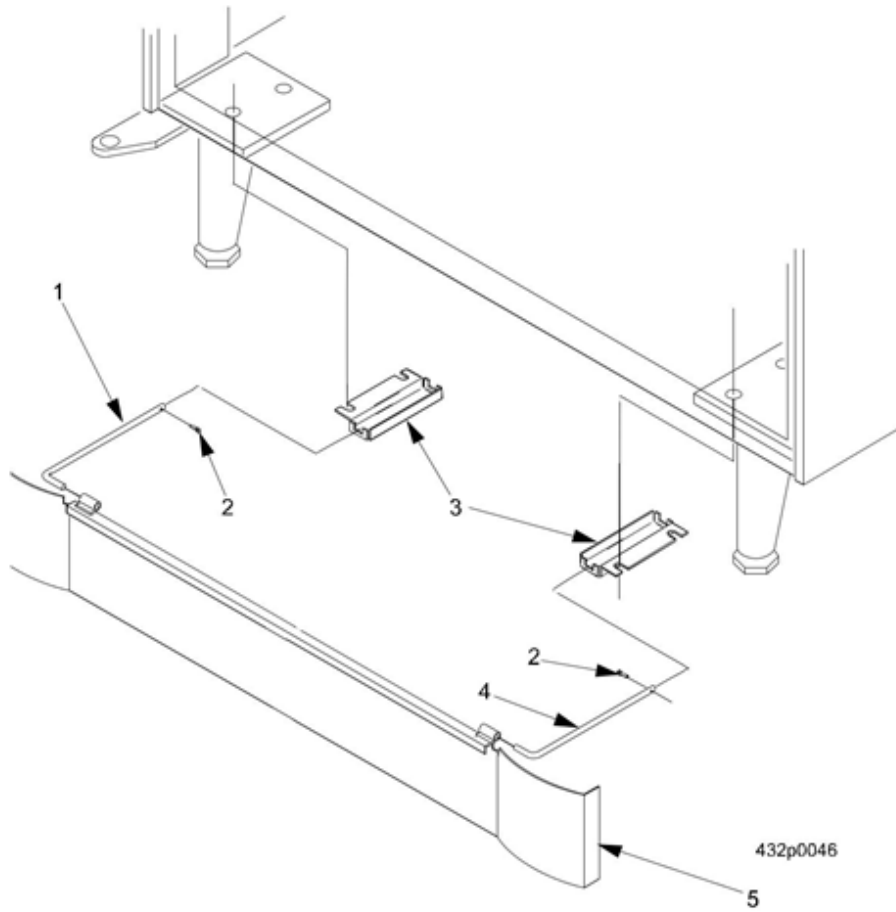


FIGURE 17: LEG ASSEMBLIES & AIR INLET/OUTLET SCREENS

TABLE 17: LEG ASSEMBLIES & AIR INLET/OUTLET SCREENS

ITEM #	PART NUMBER	DESCRIPTION	QTY
-----	110820	LEG & LEVELER ASSEMBLY - CABINET (ITEMS 1-2)	-----
1	111731	LEG ASSEMBLY - CABINET - WELD	2
2	101290	LEVELER - CABINET	4
3	100249	SCREW - #5/16 X 1 W/LOCKING RING	16
-----	110861	LEG & LEVELER ASSEMBLY - RIGHT FRONT (ITEMS 2 AND 5)	-----
4	103583	SCREEN - OUTLET AIR	1
5	109026	LEG ASSEMBLY - RIGHT FRONT	1
-----	110867	LEG, HINGE & LEVELER ASSEMBLY (ITEMS 2 AND 6)	-----
6	106458	PLATE ASSEMBLY - LEG & HINGE	1
7	103582	SCREEN - INLET AIR	1



**FIGURE 18: BASE PLATE ACCESSORY**

**TABLE 18: BASE PLATE ACCESSORY**

ITEM #	PART NUMBER	DESCRIPTION	QTY
-----	106409	BASE PLATE AND ACCESSORY ASSEMBLY - 38" - MILLENNIA	-----
1	103727	SLIDE - BASE PLATE - LEFT HAND	1
2	105646	COTTER PIN 3/32 X 3/4 LONG	2
3	111778	BRACKET - BASE PLATE	2
4	103728	SLIDE - BASE PLATE - RIGHT HAND	1
5	111444	BASE PLATE ASSEMBLY - 38" MILLENNIA	1

# CRANE MERCHANDISING SYSTEMS

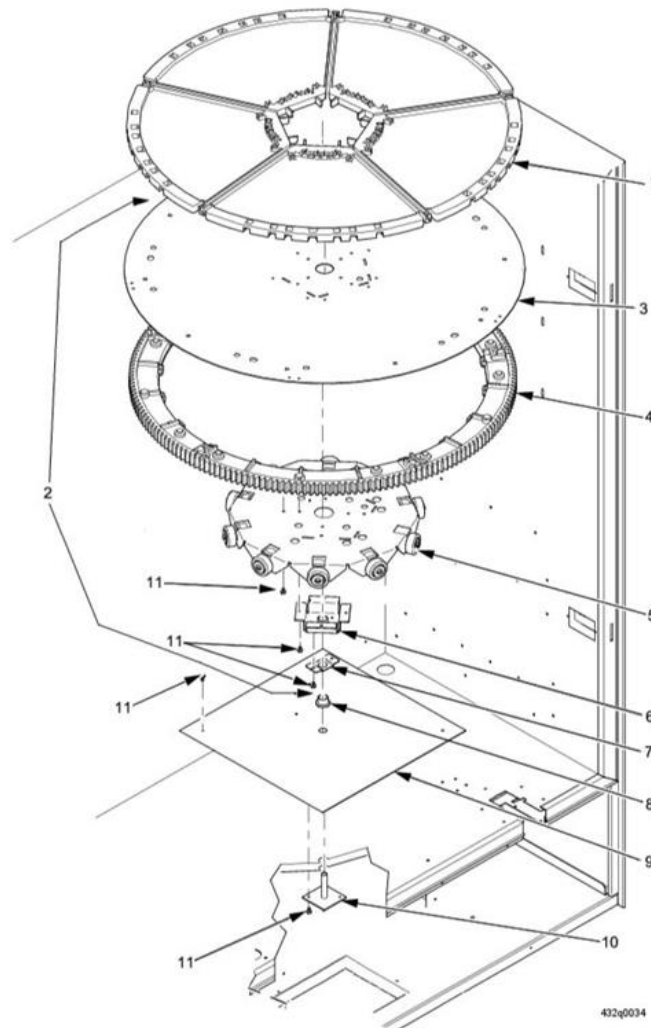
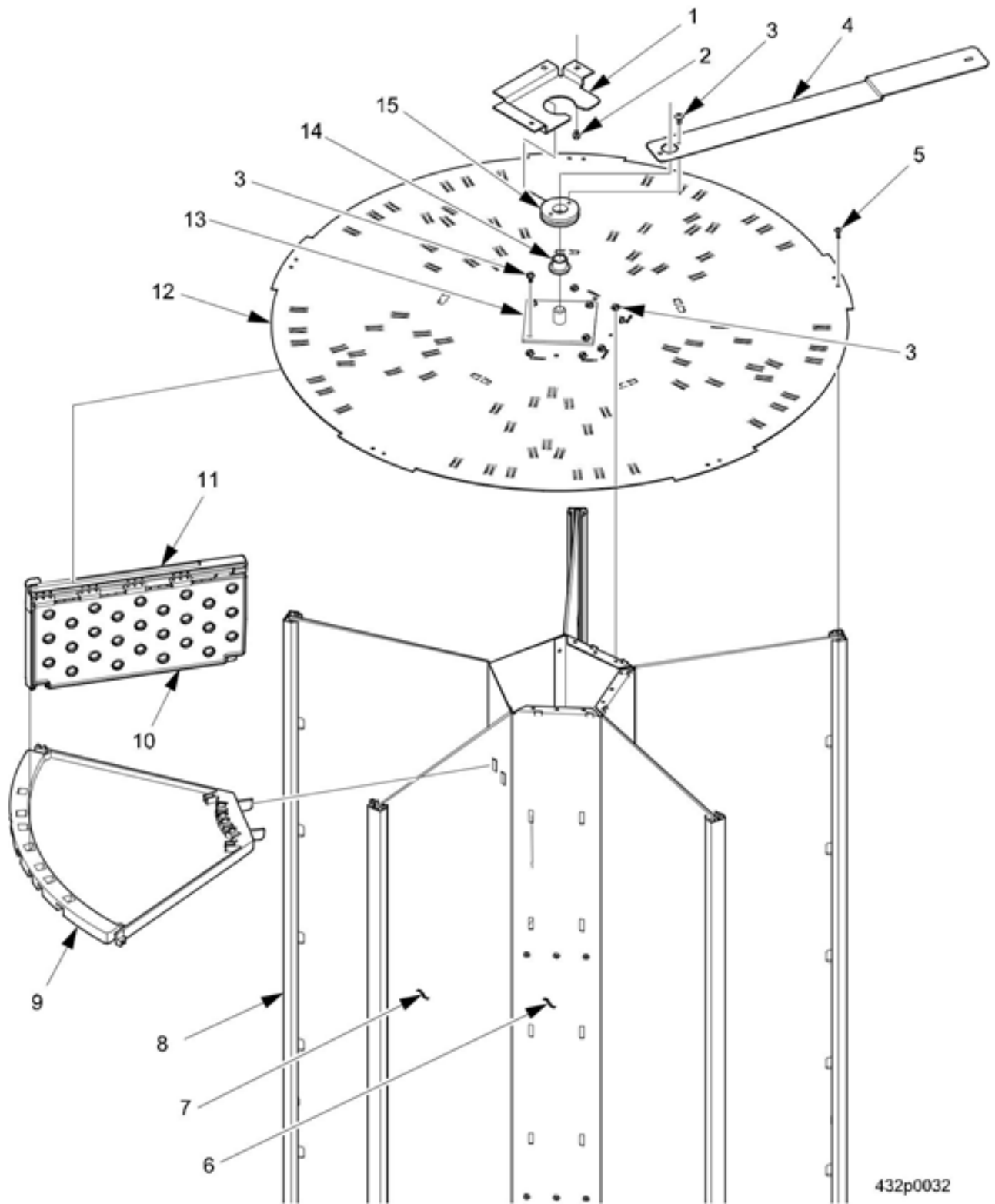


FIGURE 19: TURRET

TABLE 19: TURRET

ITEM #	PART NUMBER	DESCRIPTION	QTY
-----	108172	TURRET - STANDARD - BLACK	-----
1	103696	SHELF - PRODUCT	45
2	103702	BASE ASSEMBLY - TURRET – BOTTOM INCLUDES ITEMS 3-7	
3		BASE ASSY-TURRET-BTM – ONLY NOT SOLD SEPARATELY ORDER P/N 4327084	1
4	103685	GEAR SECTION - 5 SEGMENT	5
5	4327061	PLATE ASSEMBLY - ROLLER SUPPORT-ONLY	1
6	103702	PLATE & BUSHING ASSEMBLY - SUPPORT	1
7	110892	RETAINER - BUSHING	1
8	106411	BEARING - FLANGED - OILITE FB810-4	1
9	103688	PLATE - ROLLER BEARING	1
10	103690	PLATE ASSEMBLY - SHAFT & MOUNTING	1
11	103126	SCREW - #8-32 X .31 HEX HD.TF-BLK.	24

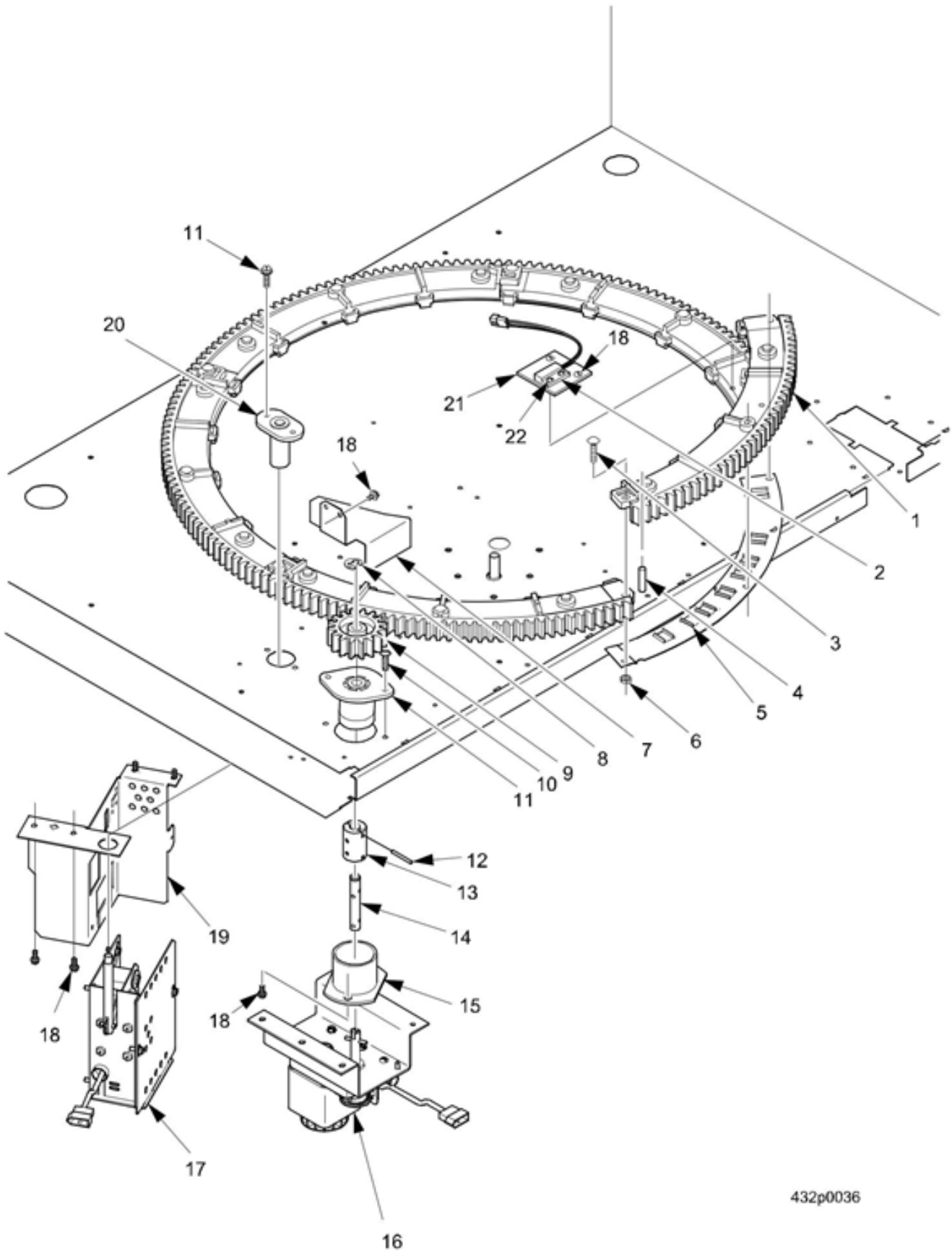
**CRANE** MERCHANDISING SYSTEMS



**FIGURE 20: TURRET - TOP PARTS**

**TABLE 20: TURRET – TOP PARTS**

<b>ITEM #</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>	<b>QTY</b>
1	103694	PLATE - TURRET LATCH - TOP	1
2	103126	SCREW - #8-32X.31 HEX HD.TF-BL	6
3	103126	SCREW - #8-32X.31 HEX HD.TF-BL	10
4	111211	ARM - TURRET LATCH - TOP	1
5	104050	SCREW - #6-32 X 3/8 PHIL.PH.	20
6	111363	COLUMN ASSEMBLY - CENTER	1
7	103691	WALL - SHELF (CLEAR)	5
8	103687	RAIL - TURRET	5
9	103696	SHELF - PRODUCT	45
10	103700	DIVIDER - SHELF	90
11	103700	RETAINER - SHELF	90
12	103686	TOP PLATE - TURRET	1
13	103542	PIN & PLATE ASSEMBLY	1
14	106411	BEARING - FLANGED - OILITE FB810	1
15	103695	LOCK NUT - TURRET LATCH - TOP	1



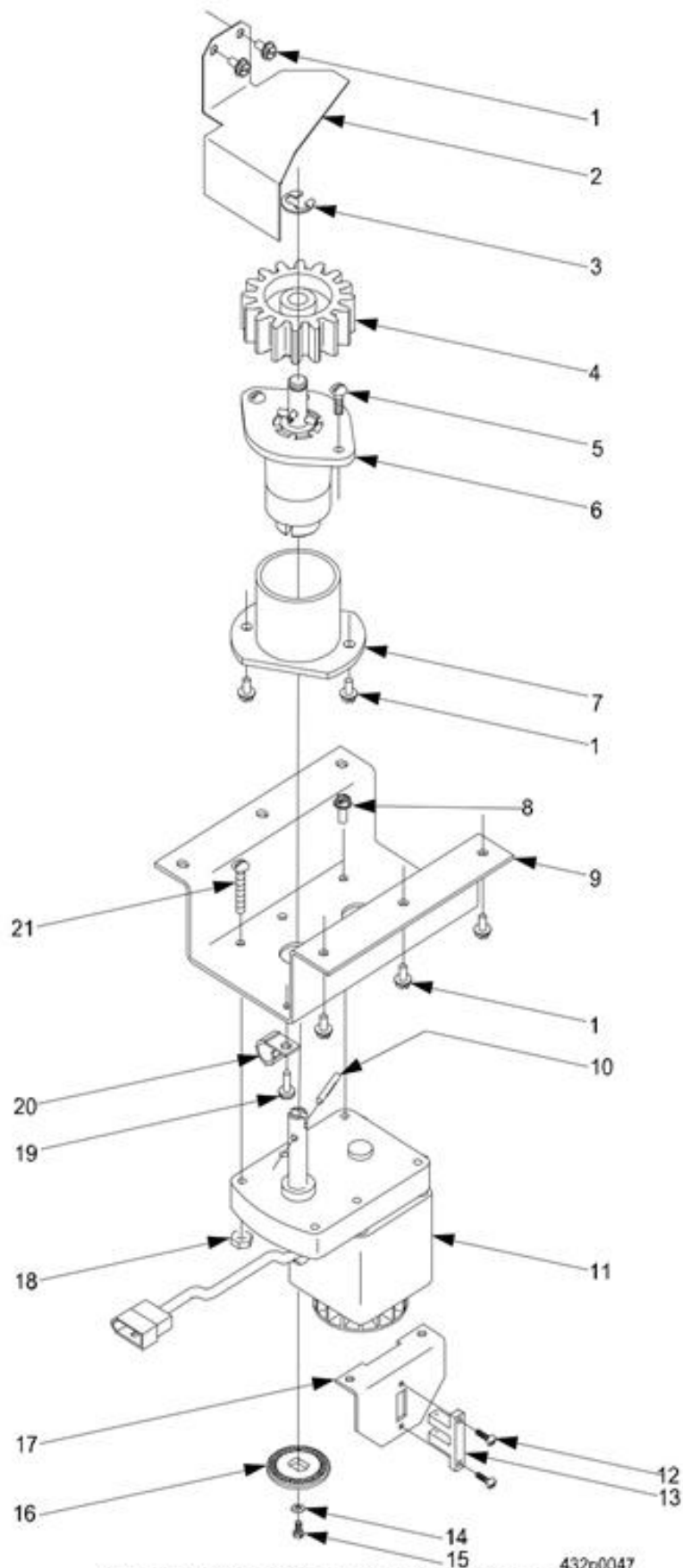
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FIGURE 21: TURRET - BOTTOM PARTS

**TABLE 21: TURRET – BOTTOM PARTS**

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	103685	GEAR SECTION - 5 SEGMENT	5
2	103705	SENSOR - PROXIMITY	1
3	103539	CARRIAGE BOLT - #10-24 X 1.00	10
4	112184	MAGNET - MAGNETIZED	1
5	106547	PLATE - STOP PIN - 5 SEGMENT	5
6	103541	NUT - #10-24 SELF-LOCKING	10
7	111750	COVER - TURRET - MOTOR - GEAR	1
8	106799	RETAINING RING REINF E TYP.375	1
9	103692	GEAR - DRIVE - BLACK	1
-----	108183	BUSHING & DRIVE SHAFT ASSEMBLY (ITEMS 12 -14)	-----
10	106419	SCREW #8-32 X .50 PHILLIPS-PN HD	6
11	103560	HOUSING - DRIVE SHAFT - UPPER	1
12	106352	GROOVE - PIN - .125 DIA.X.875 LG.	4
13	103588	COUPLING - DRIVE	1
14	106356	SHAFT - DRIVE	1
15	103561	HOUSING - DRIVE SHAFT - LOWER	1
16	107989	MOTOR DRIVE ASSEMBLY -115V (SEE TABLE 22 FOR DETAILS)	1
	107979	MOTOR DRIVE ASSY-230V (SEE TABLE 22 FOR DETAILS)	
17	107986	STOP PIN ASSEMBLY-115V (SEE TABLE 23 FOR DETAILS)	1
	107982	STOP PIN ASSY-FOREIGN	
18	103126	SCREW-#8-32 X .31 HEX HD. TF-BLK	10
19	106837	BRACKET-STOP PIN ASSY	1
20	103547	BUSHING-STOP PIN	1
21	103689	PLATE-SENSOR	1
22	105792	SCREW-#4-40 X 1/4 RHS	2

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**FIGURE 22: MOTOR DRIVE ASSEMBLY**

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**TABLE 22: MOTOR DRIVE ASSEMBLY**

ITEM #	PART NUMBER	DESCRIPTION	QTY
-----	107989	MOTOR DRIVE ASSEMBLY - (115V) (ITEMS 8-21)	-----
	107979	MOTOR DRIVE ASSEMBLY - (230V)(ITEMS 8-21)	
1	103126	SCREW-#8-32X.31 HEX HD.TF-	10
2	111750	COVER-TURRET-MOTOR-GEAR	1
3	106799	RETAINING RING REINF E TYP	1
4	103692	GEAR-DRIVE-BLACK	1
5	100246	SCREW#8-32 X.50 PHILLIPS-P	2
6	108183	BUSHING & DRIVE SHAFT ASSY	1
7	103561	HOUSING-DRIVE SHAFT-LOWER	1
8	108010	SCREW-#8-32X.38 HHS W/LW	4
9	106535	BRACKET - MOTOR MOUNT	1
10	106352	GROOVE - PIN - .125 DIA.X.875 LG	1
11	103578	MOTOR - REVERSIBLE - (115V)	1
	106461	MOTOR - REVERSIBLE - (230V)	
12	103523	SCREW-#4-24 X .375 PH Z-P	2
13	103708	ASSY- MOTION DETECTOR	1
14	106230	WASHER - SCAVENGER BAR	1
15	108012	SCREW #10-32 X 3/8 HEX HD	1
16	103577	ENCODER - FOOD DRUM POSITION	1
17	111745	BRACKET - ENCODER SENSOR MOUNTING	1
18	100153	NUT #8-32 KEPS ZINC PLATE	2
19	107959	SCREW-#8-18 X 1/2"PHIL.PAN	1
20	100863	RETAINER-HARNESS	1
21	107735	SCREW - #8-32X1.25 PHS	2

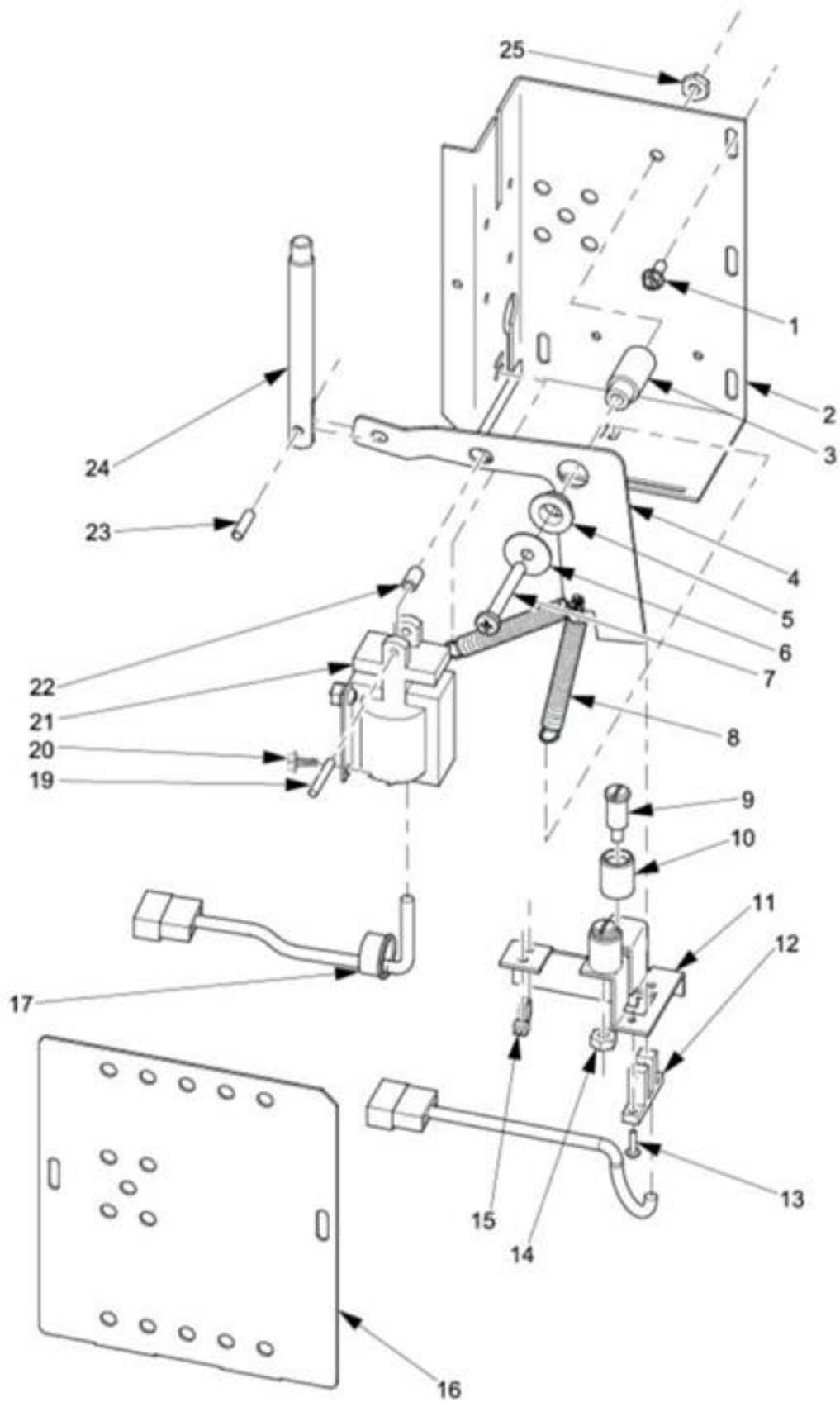


FIGURE 23: STOP PIN ASSEMBLY

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TABLE 23: STOP PIN ASSEMBLY

ITEM #	PART NUMBER	DESCRIPTION	QTY
-----	107986	STOP PIN ASSEMBLY - (115V)	-----
	107982	STOP PIN ASSEMBLY - (230V)	
1	100242	SCREW#8-32 X .31HEX/HD.S	4
2	111214	HOUSING-STOP PIN ASSY	1
3	103698	BUSHING-ACTUATOR-STOP PIN	1
4	103699	LEVER-ACTUATOR-STOP PIN	1
5	103697	BUSHING-ACTUATOR-STOP PIN	1
6	100486	WASHER PLATE	1
7	103821	SCREW #10-32 X 1-1/2 PHILLIPS	1
8	106398	SPRING-EXTENSION	2
9	103164	STUD-DRIVE ARM	1
10	105875	ROLLER-DRIVE ARM	1
11	111213	BRACKET-SWITCH-OPTO	1
12	103708	ASSY- MOTION DETECTOR	1
13	103523	SCREW-#4-24 X .375 PH Z-P S.T.	2
14	100153	NUT #8-32 KEPS ZINC PLATE	2
15	100512	WIRE TIE-#PLT1M-M20	1
16	106554	COVER-STOP PIN ASSY	1
17	100036	BUSHING-OPEN/CLOSED-.625	1
19	106352	GROOVE-PIN-.125 DIA. X .875 LG.	1
20	105784	SCREW-#10-32X3/8 ACORN HEX W/H	4
21	103548	SOLENOID ASSY 120 VOLTS	1
	103549	SOLENOID ASSY 240 VOLTS	
22	103530	BUSHING RETAINER	1
23	103820	ROLL PIN	1
24	103693	STOP PIN	1
25	111982	NUT #10-32 KEPS ZINC PLATE	1

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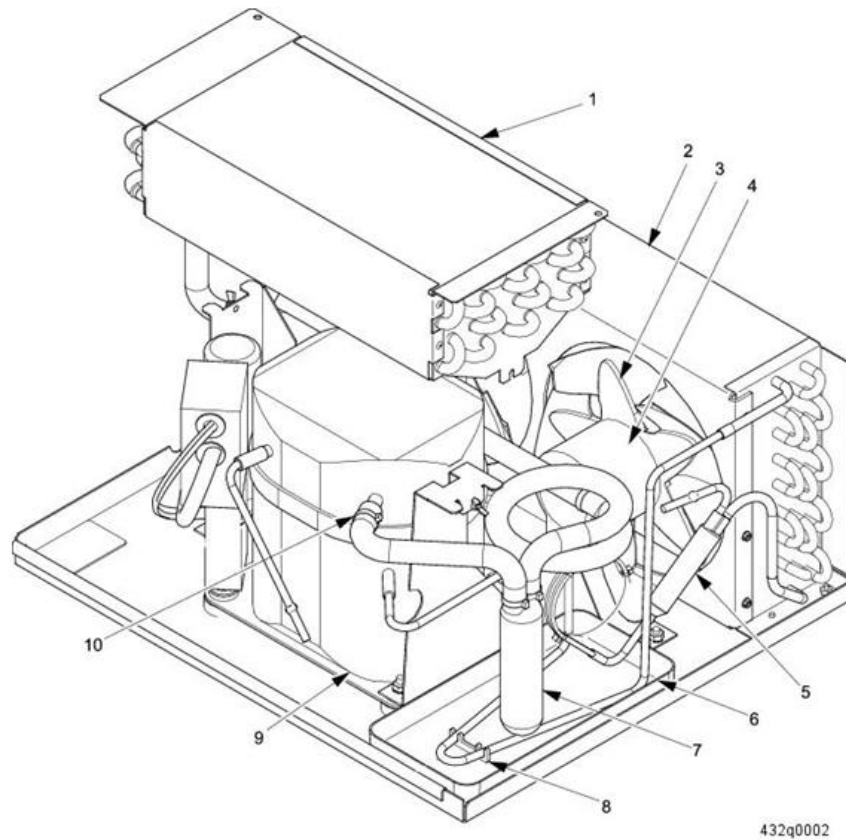
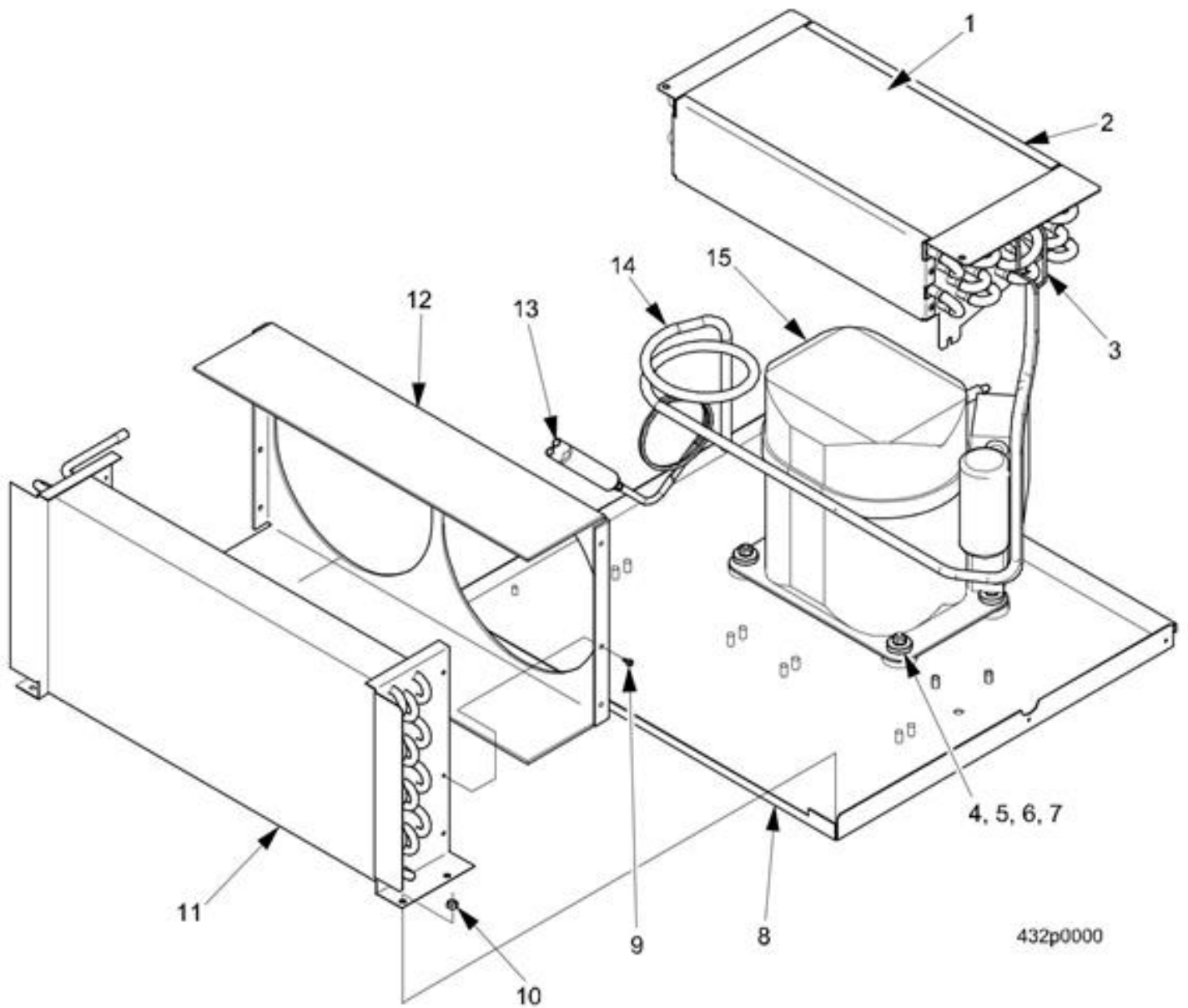


FIGURE 24: REFRIGERATION UNIT ASSEMBLY

**TABLE 24: REFRIGERATION UNIT ASSEMBLY**

ITEM #	PART NUMBER	DESCRIPTION	QTY
----	104972	REFRIGERATION UNIT ASSEMBLY - 60HZ - (115V)	1
	104973	REFRIGERATION UNIT ASSEMBLY - 50HZ - (230V)	
1	101616	EVAPORATOR ONLY - NO PANELS	1
2	101585	CONDENSER - 9 X 17.5 3R7 FPI	1
3	101553	BLADE - CONDENSER FAN	2
4	101069	MOTOR - CONDENSER FAN - (115V)	2
	101070	MOTOR - CONDENSER FAN - (230V)	
5	100707	FILTER/DRIER - REFRIGERANT	1
6	102958	PAN - CONDENSATE	1
7	101547	ACCUMULATOR P-H 22-056380-01	1
8	100351	SPACER - COMP. DISCH.TUBE	1
9	101577	COMPRESSOR - (115V) - AKA4460YXA 60H	1
	101578	COMPRESSOR - (230V) - R134A	
10	103498	WIRE TIE - #PLT 1.5IM KB	12



432p0000

**FIGURE 25: REFRIGERATION UNIT COMPONENTS**

**TABLE 25: REFRIGERATION UNIT COMPONENTS**

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	113681	EVAPORATOR ASSEMBLY - PLUS – PANELS (INCLUDES ITEMS 2 & 3)	1
2	102966	PANEL - EVAPORATOR	2
3	101616	EVAPORATOR COIL - 4 ROW	1
4	109462	1/4-20 KEPS NUT EXT LW ZP	14
5	100485	WASHER - .88 O.D.X.38 I.D.X.063	2
6	100117	GROMMET, SLEEVE, STEEL	4
7	100112	GROMMET - 11/16 HEIGHT	4
8	101551	BASE/STUD ASSEMBLY - REFRIGERATION UNIT	1
9	100321	SCREW - #8-18 X .38 - LGM	6
10	100153	NUT #8-32 KEPS ZINC PLATE	4
11	101585	CONDENSER - 9 X 17.5 3R7 FPI	1
12	103039	SHROUD - CONDENSER - CARDBOARD	1
13	100707	FILTER/DRIER - REFRIGERANT	1
14	102822	HEAT EXCHANGER ASSEMBLY	1
15	101577	COMPRESSOR - AKA4460YXA 60H - (115V)	1
	101578	COMPRESSOR - R134A - (230V)	

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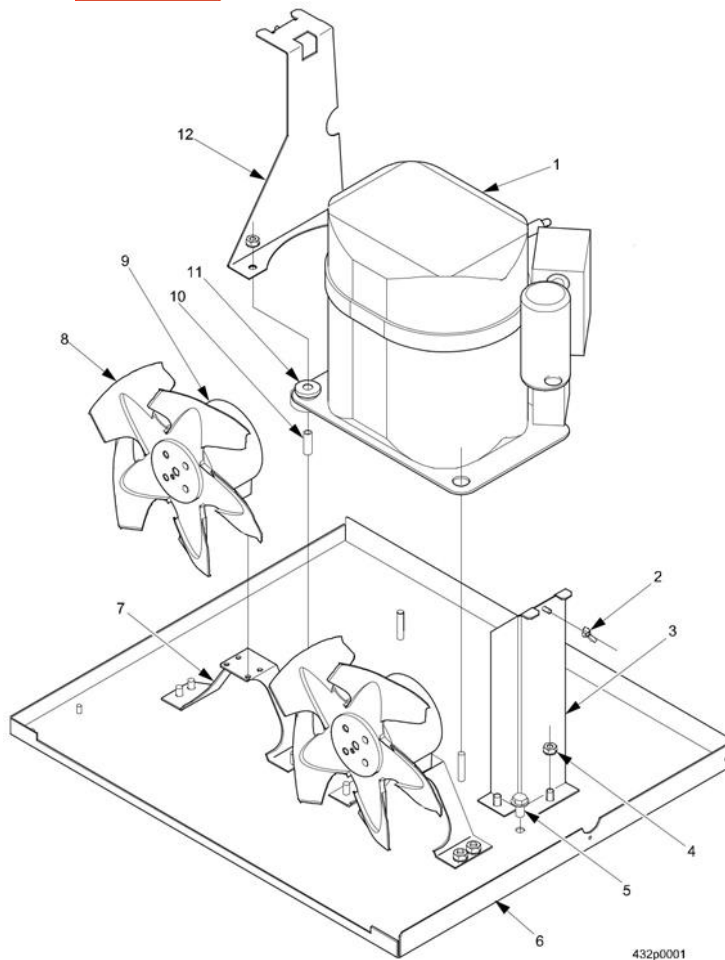
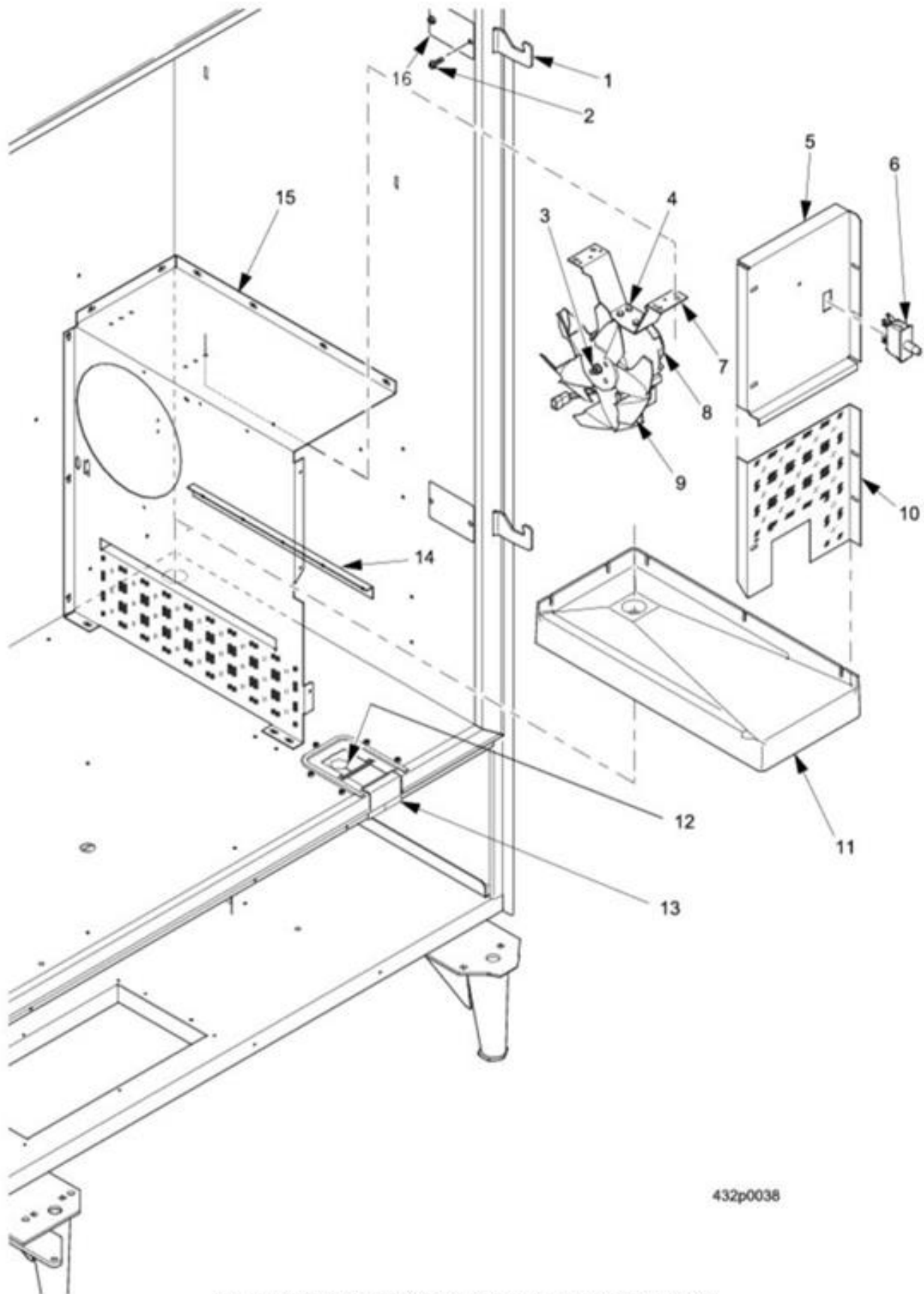


FIGURE 26: REFRIGERATION UNIT - BASE AND CONDENSER FAN

**TABLE 26: REFRIGERATION UNIT – BASE AND CONDENSER FAN**

ITEM #	PART NUMBER	DESCRIPTION	QTY
-----	104972	REFRIGERATION UNIT ASSEMBLY - COMPRESSOR - (115V)	1
	104973	REFRIGERATION UNIT ASSEMBLY - 50HZ - (230V)	
1	101577	COMPRESSOR-AKA4460YXA 115V 60H	1
	101578	COMPRESSOR-220V-R134A	
2	100151	NUT - WING - #8-32 W/NYLON INSERT	2
-----	106513	BAG COMPRESSOR PARTS	1
3	104974	ASSEMBLY - FRONT - SHIP - BRACKET - STUD	1
4	109462	1/4-20 KEPS NUT EXT LW ZP	14
5	103892	SCREW-#5/16-18 X .63 HEX HD.	1
6	101551	BASE/STUD ASSEMBLY - REFRIGERATION UNIT	1
7	102801	BRACKET - MOTOR MOUNT	2
8	101553	BLADE - CONDENSER FAN	2
9	101069	MOTOR - CONDENSER FAN - (115V)	2
	101070	MOTOR - CONDENSER FAN - (230V)	
10	100117	GROMMET, SLEEVE, STEEL	4
11	100112	GROMMET - 11/16 HEIGHT	4
12	102800	ASSEMBLY - BACK - SHIP - BRACKET - STUD	1





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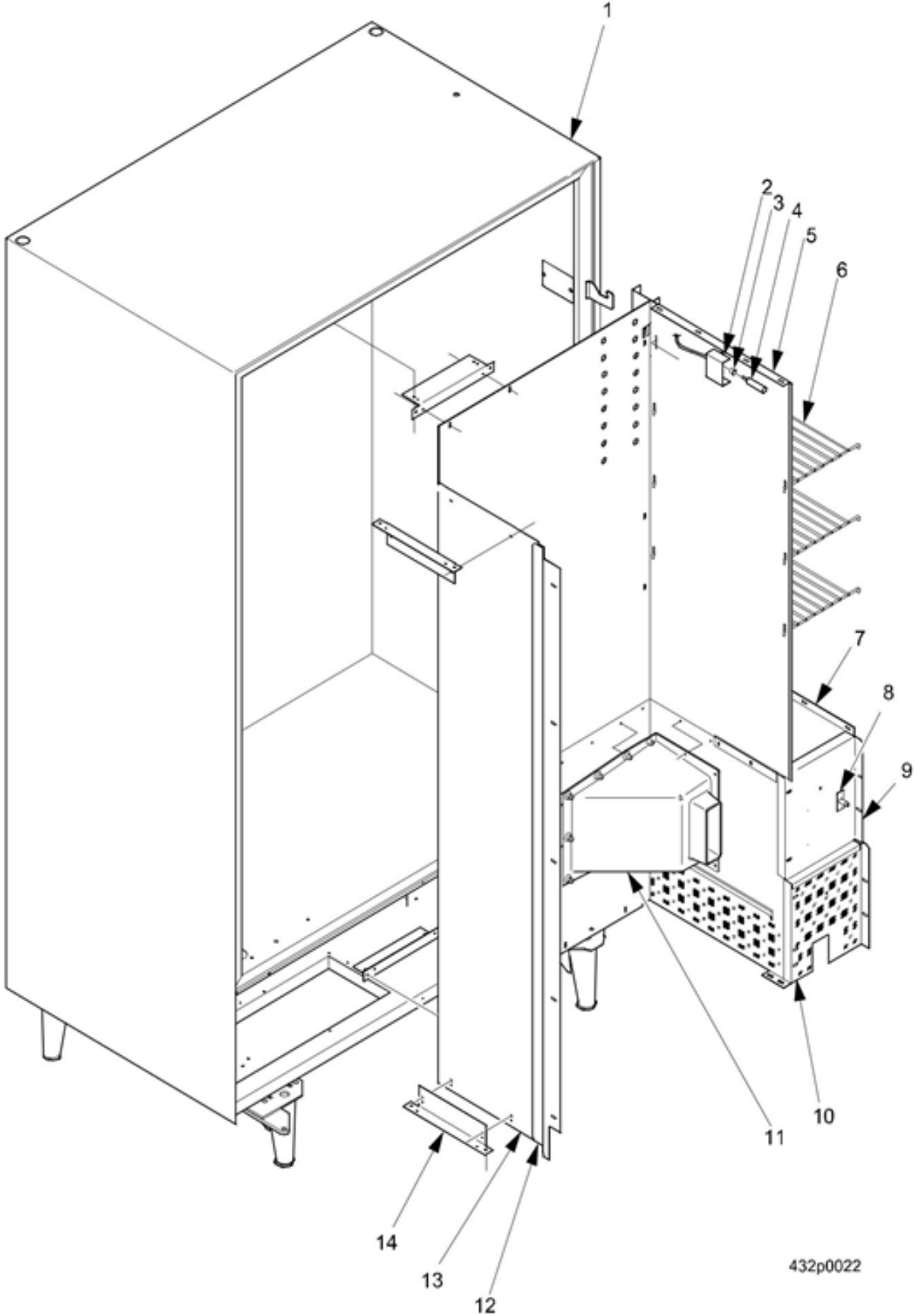
**FIGURE 27: EVAPORATOR MOTOR ASSEMBLY**



**CRANE** MERCHANDISING SYSTEMS

**TABLE 27: EVAPORATOR MOTOR ASSEMBLY**

ITEM #	PART NUMBER	DESCRIPTION	QTY
-----	108006	EVAPORATOR MOTOR ASSEMBLY - (115V) (ITEMS 1,2, 5-7)	-----
	108157	EVAPORATOR MOTOR ASSEMBLY - (230V) (ITEMS 1,2, 5-7)	
1	103571	ARM-LOCK-CABINET	2
2	105783	10-32 X 1/2 ACORN HWHO-WIBS	4
3	109462	1/4-20 KEPS NUT EXT LW ZP	1
4	100244	SCREW - #8-18 X .38-LGM	4
5	111774	PANEL - FAN - ACCESS	1
6	103121	SWITCH-INTERLOCK	1
7	111765	BRACKET - CONDENSER FAN	1
8	103644	MOTOR - 60HZ - EXT. - CAPAC - (115V)	1
	103645	MOTOR - 50HZ - EXT. - CAPAC - (230V)	
9	103646	BLADE - EVAPORATOR FAN	1
10	107128	PANEL - PERFORATED	1
11	103563	PAN - ABS - EVAPORATOR DRAIN	1
12	103565	INSULATION-PASSTHRU-CABINET	1
13	103574	RETAINER-CABINET-NOTCH	1
14	111739	BRACKET - ANGLE - EVAPORATOR	1
15	111773	PANEL - EVAPORATOR MOUNT	1
16	111775	COVER-CABINET-LOCK BAR	1
-----	106568	POWER CORD - 14AWG - DOMESTIC - (115V) (NOT SHOWN)	1
	104063	POWER CORD - W/BSI PLUG - (230V) (NOT SHOWN)	
	9989560	POWER CORD-FOR.-AUSTR./NEW Z.	
	104064	POWER CORD-EURO PLUG	



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**FIGURE 28: REFRIGERATION AIR DUCTS**

**TABLE 28: REFRIGERATION AIR DUCTS**

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	107661	CAB.ASSY-INSUL.-BLK.INTERIOR	1
	107765	CAB.ASSY-IN.SEL WHI BLK INTER	
2	111749	COVER - TEMPERATURE SENSOR	1
3	107800	BUSHING-STRAIN RELIEF	1
4	102999	PROBE-TEMP. SENSOR	1
5	111743	STORAGE WALL	1
6	106347	SHELF - STORAGE	3
7	111773	PANEL - EVAPORATOR MOUNT	1
8	103121	SWITCH - INTERLOCK	1
9	111774	PANEL - FAN - ACCESS	1
10	107128	PANEL - PERFORATED	1
11	103579	DUCT - AIR - CORNER	1
12	111747	PANEL ASSEMBLY - DISCHARGE - AIR	1
13	103591	PANEL - AIR SUPPLY	1
14	111744	BRACKET - ANGLE	6

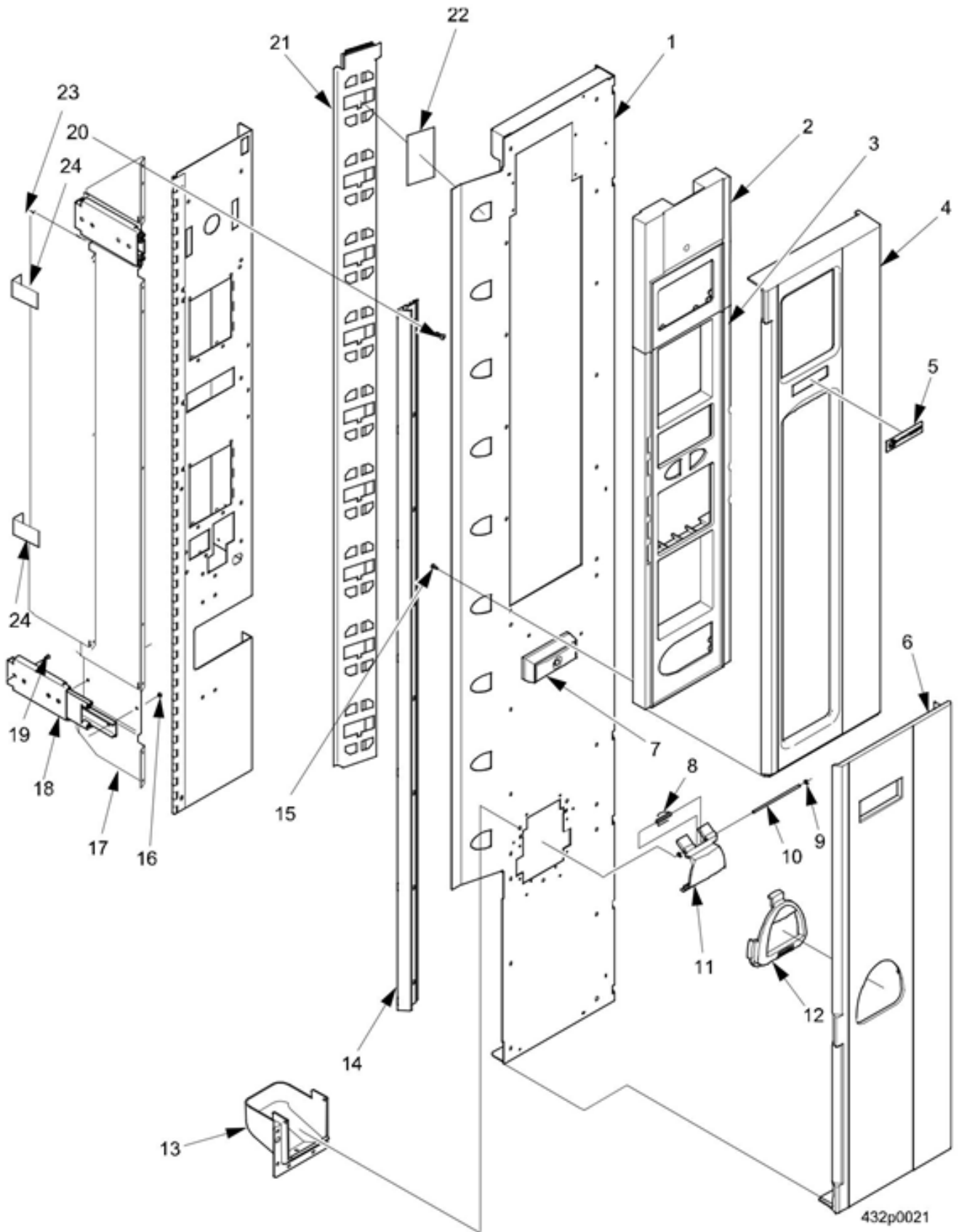


FIGURE 29: MONETARY PANEL

**TABLE 29: MONETARY PANEL**

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	111187	WELD ASSEMBLY - ACCESS PANEL - BLACK	1
	111188	W/A-ACCESS PANEL-PLATINUM	
2	103660	SELECTION PANEL - TOP - MONETARY	1
3	106516	SELECTION PANEL - BOTTOM - MONETARY	1
4	103650	PANEL - TRIM - TOP ACCESS	1
5	103611	PLATE - NV LOGO - 432	1
	104158	DECAL-LOGO- AP 962	
6	106515	PANEL - TRIM - BOTTOM - ACCESS	1
7	103612	LOCK ASSEMBLY - "T" - BLACK DOOR	1
	103265	LOCK ASSY-"T"-DULL CHROME -PLATINUM DOOR	
8	103521	SPRING - COIN RETURN DOOR	1
9	103508	CLIP-SPEED	2
10	103657	SHAFT - COIN RETURN GATE	1
11	103656	GATE - COIN RETURN	1
12	103654	BEZEL - COIN RETURN CUP	1
13	103655	CUP - COIN RETURN	1
14	103661	TRIM - SIDE - ACCESS PANEL - BLACK	1
15	103768	SCREW-#6-19 X .38 PHIL.PHS-T/C	12
16	100153	NUT #8-32 KEPS ZINC PLATE	4
17	111209	PANEL - SIDE - MONETARY	1
18	103674	SLIDE ASSY-MONETARY	2
19	106725	SCREW #10-32 X .375 PHS. FHS.	4
20	100246	SCREW-#8-32 X .50 HX.HD.-T/F-B	8
21	103673	PRICE DISPLAY ASSEMBLY	1
22	103659	INSERT-LENS-DISPLAY	9
23	103670	COVER-MONETARY-HARNESS	1
24	111202	BRACKET-MONETARY-COVER LOWER	2

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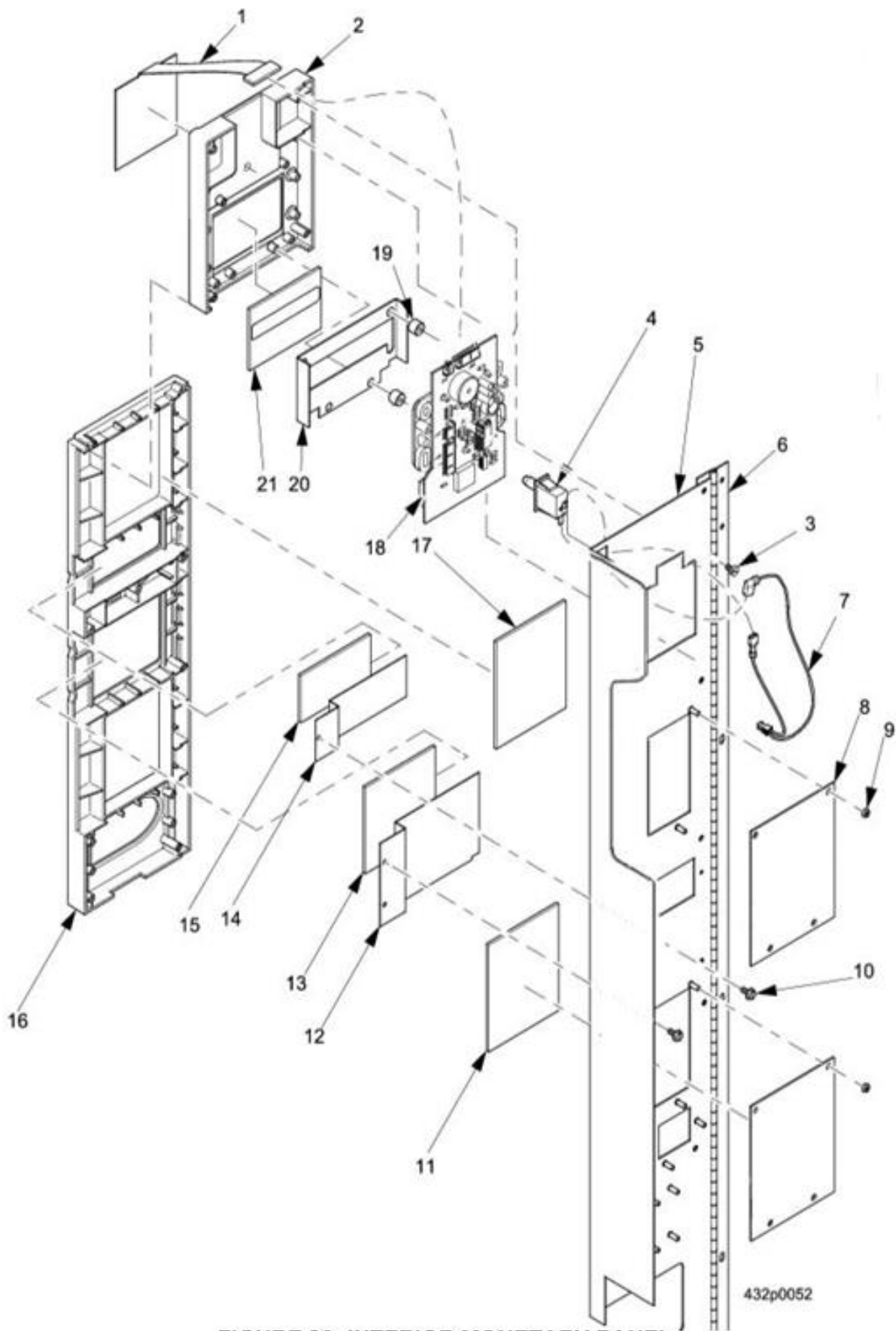


FIGURE 30: INTERIOR MONETARY PANEL

**TABLE 30: INTRIOR MONETARY PANEL**

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	107125	SERVICE KEYPAD ASSEMBLY	1
2	103660	SELECTION PANEL-TOP	1
3	103125	SCREW 8-10 X .38 HEX HD TF	12
4	103822	SWITCH SERVICE LIGHT 1DM2	1
5	108979	WELD ASSY-MONETARY PANEL	-----
6	100120	HINGE-MONETARY PANEL (REF. ONLY)	1
7	103188	JUMPER-MONETARY DOOR SWITCH	1
8	111203	PLATE-BACKING-INSERT	1
9	100153	NUT #8-32 X .50 KEPS ZINC	8
10	103126	SCREW-#8-32X.31 HEX HD.TF-BLK.	3
11	103181	INSERT-INSTR-LOWER-BLANK (IF EQUIPPED)	1
12	111200	PLATE-BACKING-LOWER-REMOVABLE	1
13	106527	INSERT INSTR.-LOWER (DOMESTIC)	1
14	106519	PLATE-BACKING-UPPER-REMOVABLE	1
15	106518	INSERT INSTR.-UPPER (DOMESTIC)	1
16	106516	SELECTION PANEL-BOTTOM	1
17	103181	INSERT-INSTR-LOWER-BLANK (IF EQUIPPED)	1
18	111053	PCB ASSEMBLY-DISPLAY	1
19	106520	SPACER DISPLAY	4
20	111198	RETAINER-DISPLAY LENS-NORITAKE	1
21	103649	INSERT-DISPLAY	1

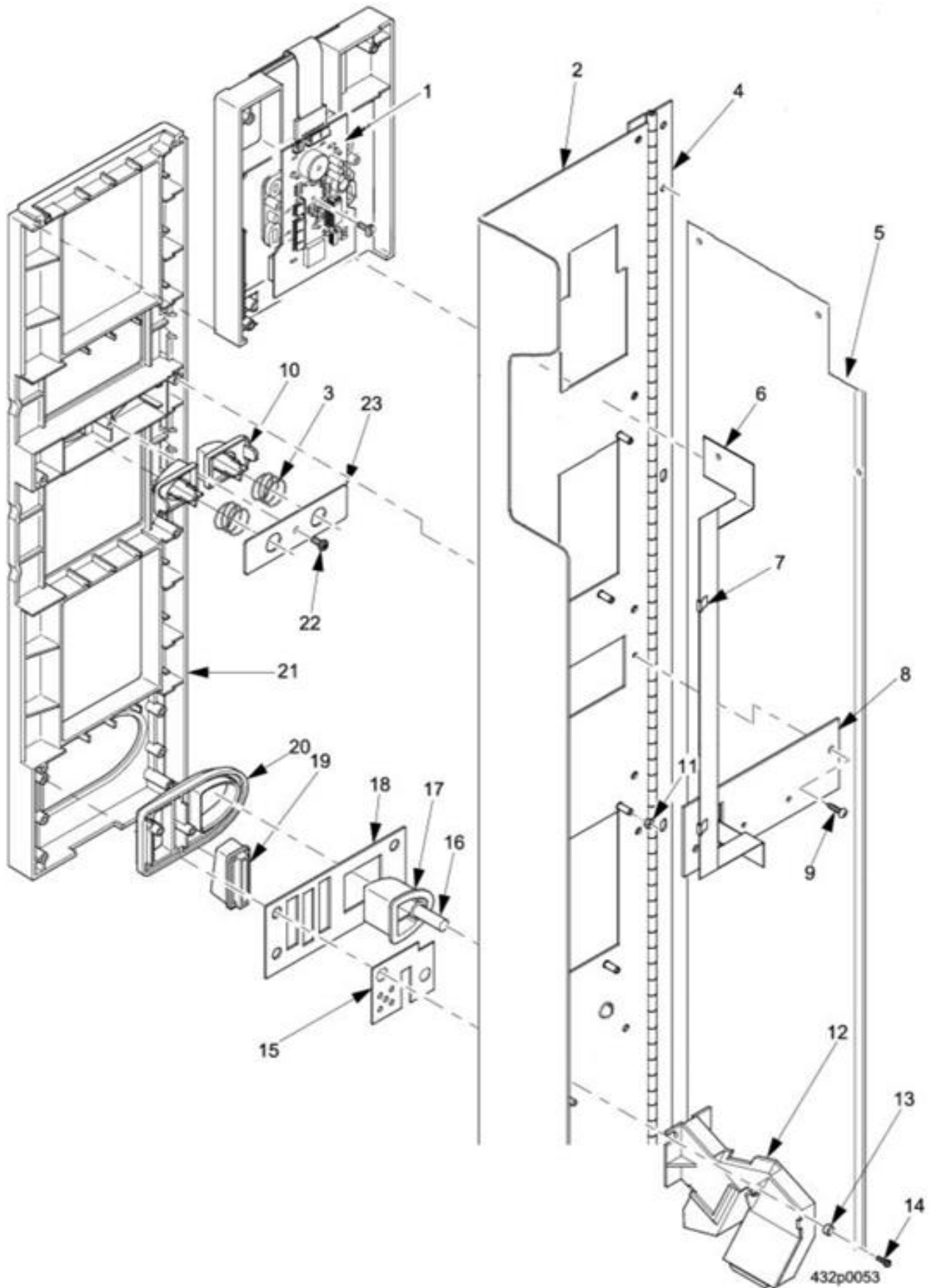


FIGURE 31: UPPER MONETARY - EXTERIOR



**TABLE 31: UPPER MONETARY – EXTERIOR**

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	111053	PCB ASSEMBLY-DISPLAY	1
2	108979	WELD ASSY-MONETARY PANEL	1
3	105930	SPRING-PUSH BUTTON	2
4	100120	HINGE-MONETARY PANEL (REF ONLY)	1
5	111209	PANEL-SIDE, MONETARY	1
6	104274	SWITCH-MEMBRANE, TURRET DIRECT.	1
7	103531	CABLE CLIP	2
8	106517	PLATE-BACKING-MEMBRANE-SWITCH	1
9	107959	SCREW-#8-18 X 1/2"PHIL.PAN HD.	2
10	103648	BUTTON-TURRET	2
11	100153	NUT #8-32 KEPS ZINC PLATE	2
12	103178	COIN CHUTE ASSEMBLY	1
13	104122	FERRULE	2
14	106264	SCREW-HILO-7-19 X 3/8 HEX WASH	2
15	106019	COIN BLOCK-50 CENTS	1
16	106534	SHAFT-RETURN BUTTON	1
17	103651	BUTTON-COIN RETURN	1
18	111204	PANEL-BACKUP-MONETARY	1
19	103652	INSERT-COIN	1
20	103653	BEZEL-COIN INSERT	1
21	106516	SEL.PANEL-BOTTOM-MONETARY	1
22	103584	SCREW-#6-19 X .31 PHIL.PHS.T/C	1
23	111199	RETAINER-DIRECTION-BUTTONS	1

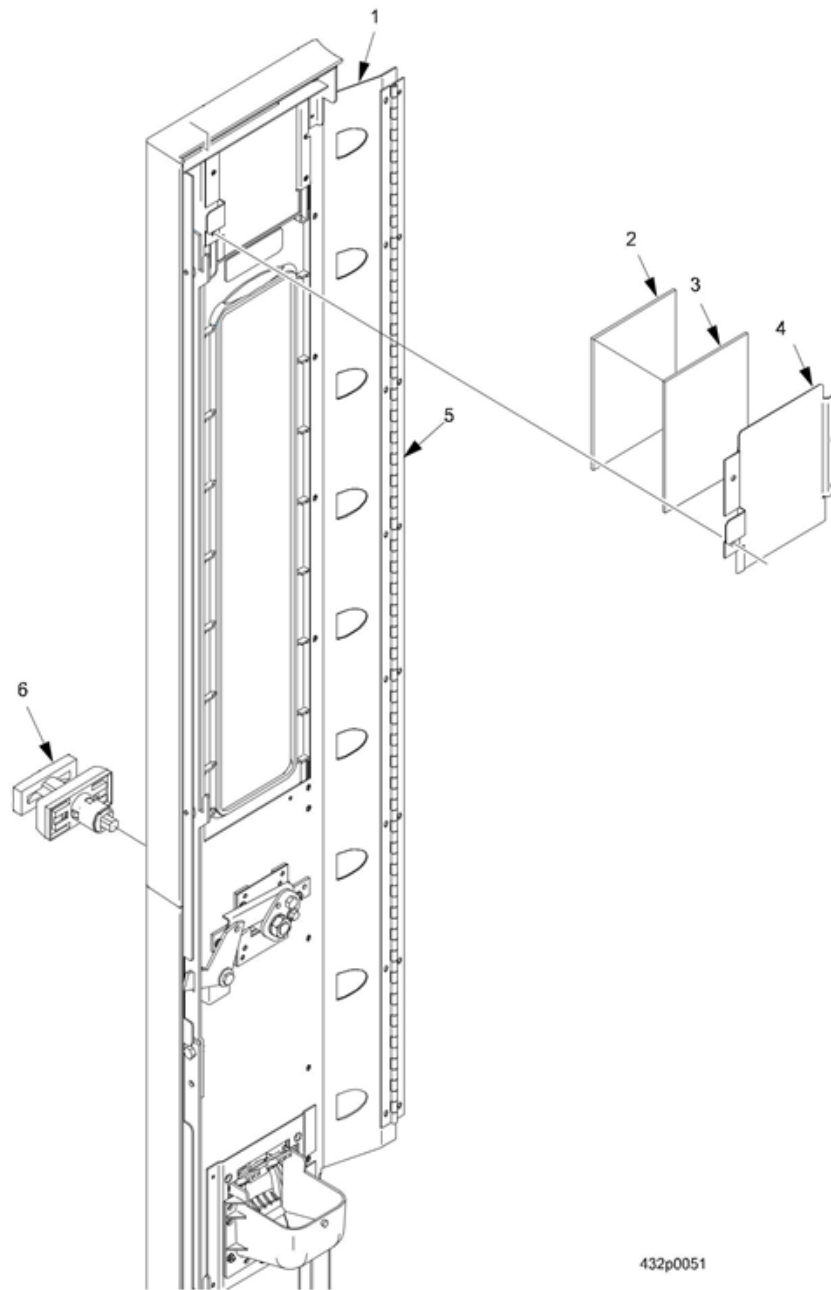


FIGURE 32: EXTERIOR MONETARY PANEL

**TABLE 32: EXTERIOR MONETARY PANEL**

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	111187	WELD ASSEMBLY - ACCESS PANEL - BLACK	1
	111188	W/A-ACCESS PANEL-PLATINUM	
2	106525	LENS-UPPER POP	1
3	103667	POP-UPPER-Graphics	1
4	106532	PLATE - BACKUP - UPPER TOP	1
5	100121	HINGE-MONETARY PANEL (REF ONLY)	1
6	103612	LOCK ASSY-"T" - BLACK DOOR	1
	103265	LOCK ASSY-"T"-DULL CHROME - PLATINUM DOOR	

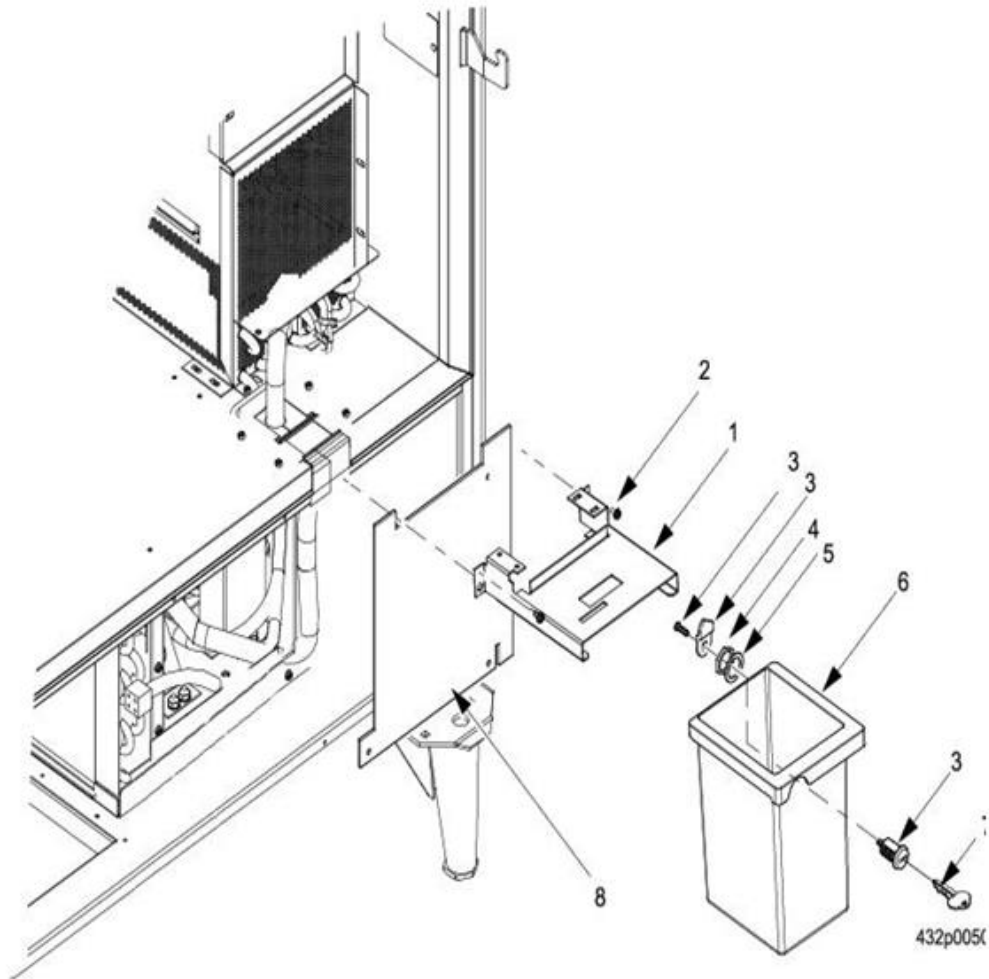
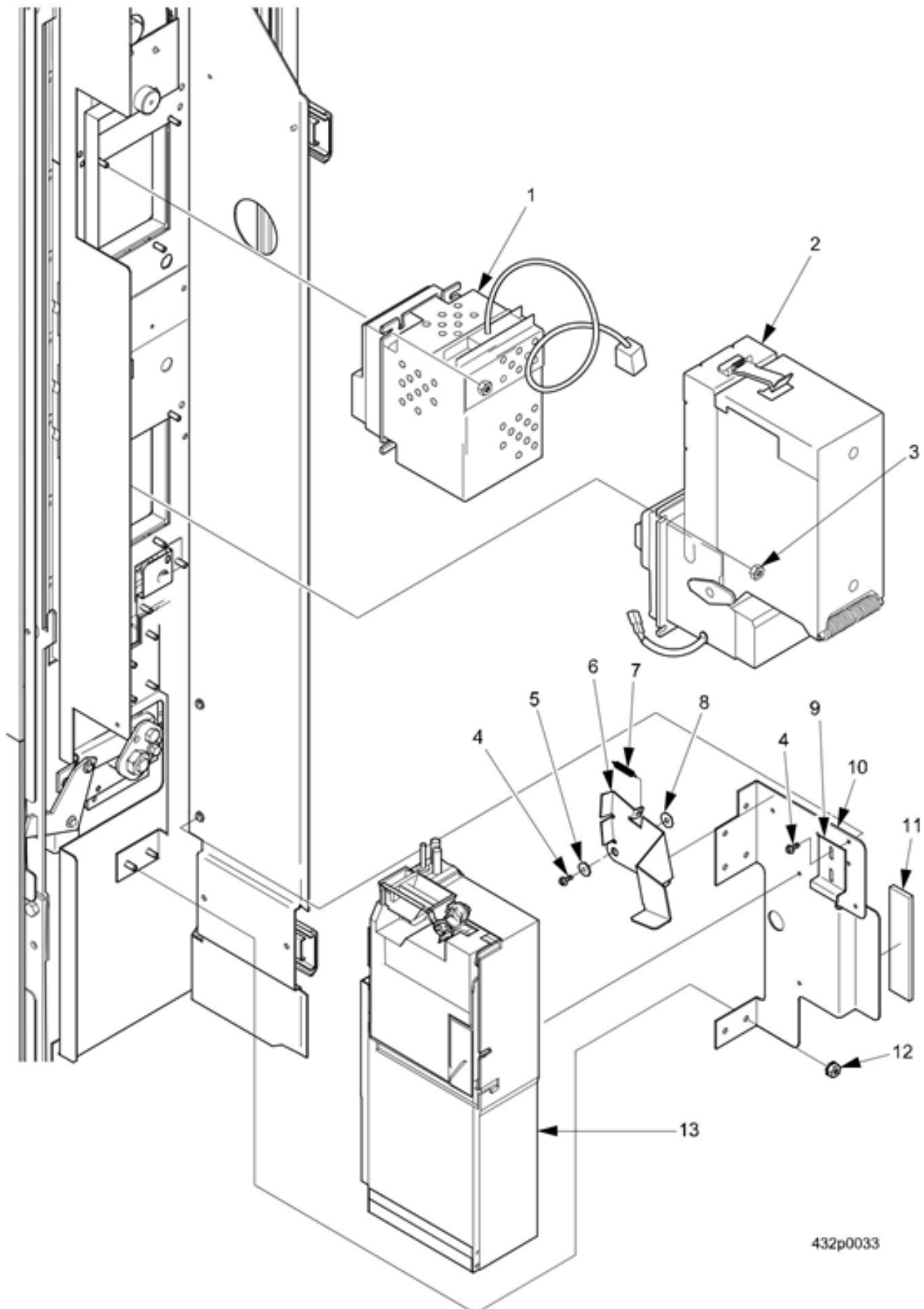


FIGURE 33: COIN BOX ASSY

**TABLE 33: COIN BOX ASSEMBLY**

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	111742	MOUNT-COIN BOX	1
2	103126	SCREW-#8-32X.31 HEX HD.TF-	5
-----	108163	MONEY BOX LOCK (ITEMS 4-6)	-----
3	103112	MONEY BOX LOCK- #1801, KA NV 407	1
4	107950	NUT-LOCK RETAINING	1
5	103501	WASHER-LOCK BARREL #2693	1
6	101420	COIN BOX	1
7	103500	KEY-CHICAGO LK-#1801 NV407, KB	1
8	103647	PLASTIC CARDBOARD AIR BLOCK	1

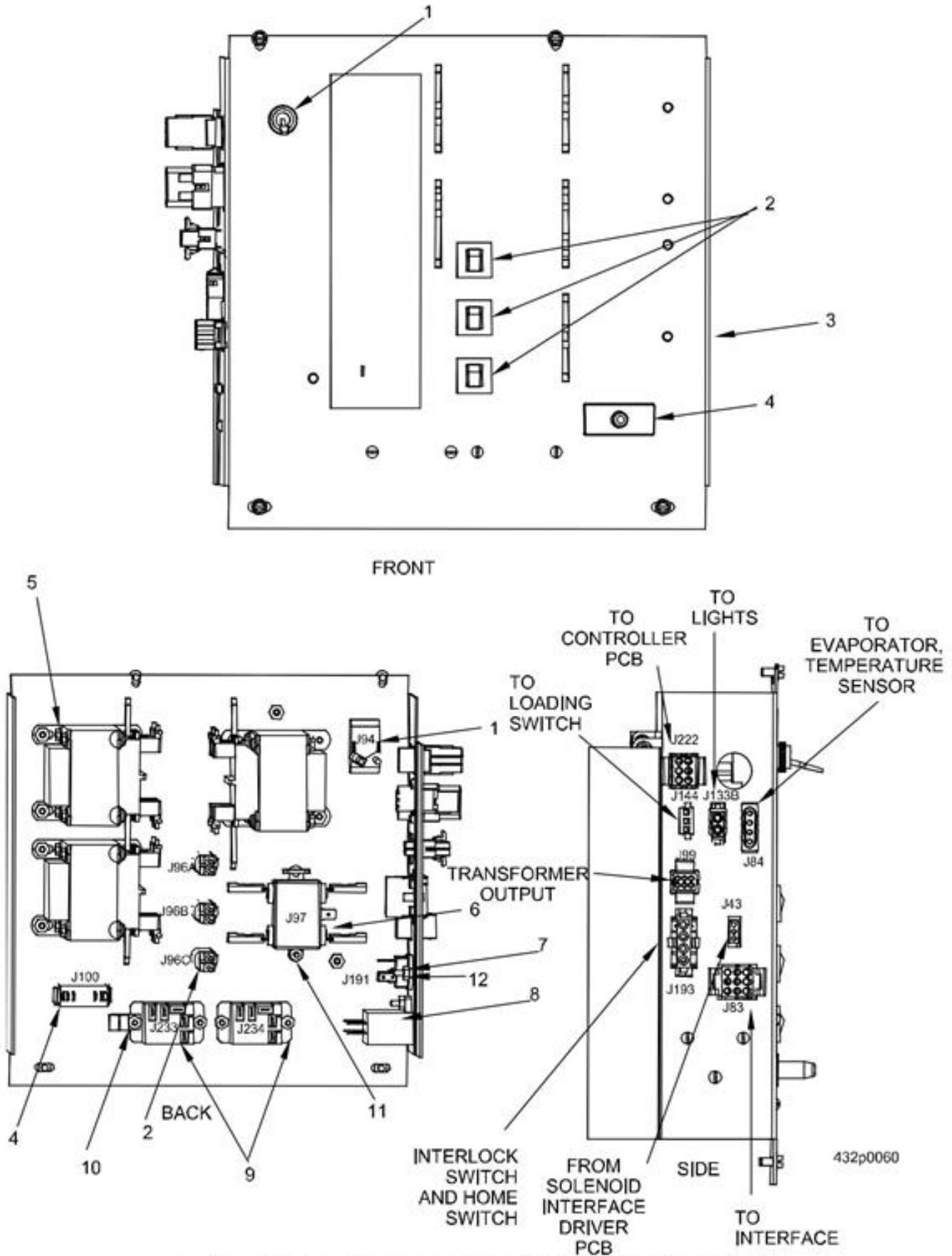


**FIGURE 34: MONETARY OPTIONS & INTERIOR MONETARY PANEL**

**TABLE 34: MONETARY OPTIONS & INTERIOR MONETARY PANEL**

ITEM #	PART NUMBER	DESCRIPTION	QTY
1	-----	CARD READER	OPT
2	<i>Consult Factory</i>	CASHCODE SMV-4117	OPT
3	100153	NUT #8-32 KEPS ZINC PLATE	8
4	104051	SCREW #8-32 X 3/8 ACORN HEX HD	6
5	103502	SPACER-RELEASE ARM	1
6	103169	ARM-SCAVENGER	1
7	103113	SPRING-SHELF RESET	1
8	106230	WASHER-SCAVENGER BAR	1
9	103828	CLAMP-CABLE	1
10	111196	BRACKET-COIN MECH.	1
11	106262	MAGNET-RETAINR-COIN CHANGER KB	1
12	100153	NUT #8-32 KEPS ZINC PLATE	14
13	<i>Consult Factory</i>	C2 CHANGER	1

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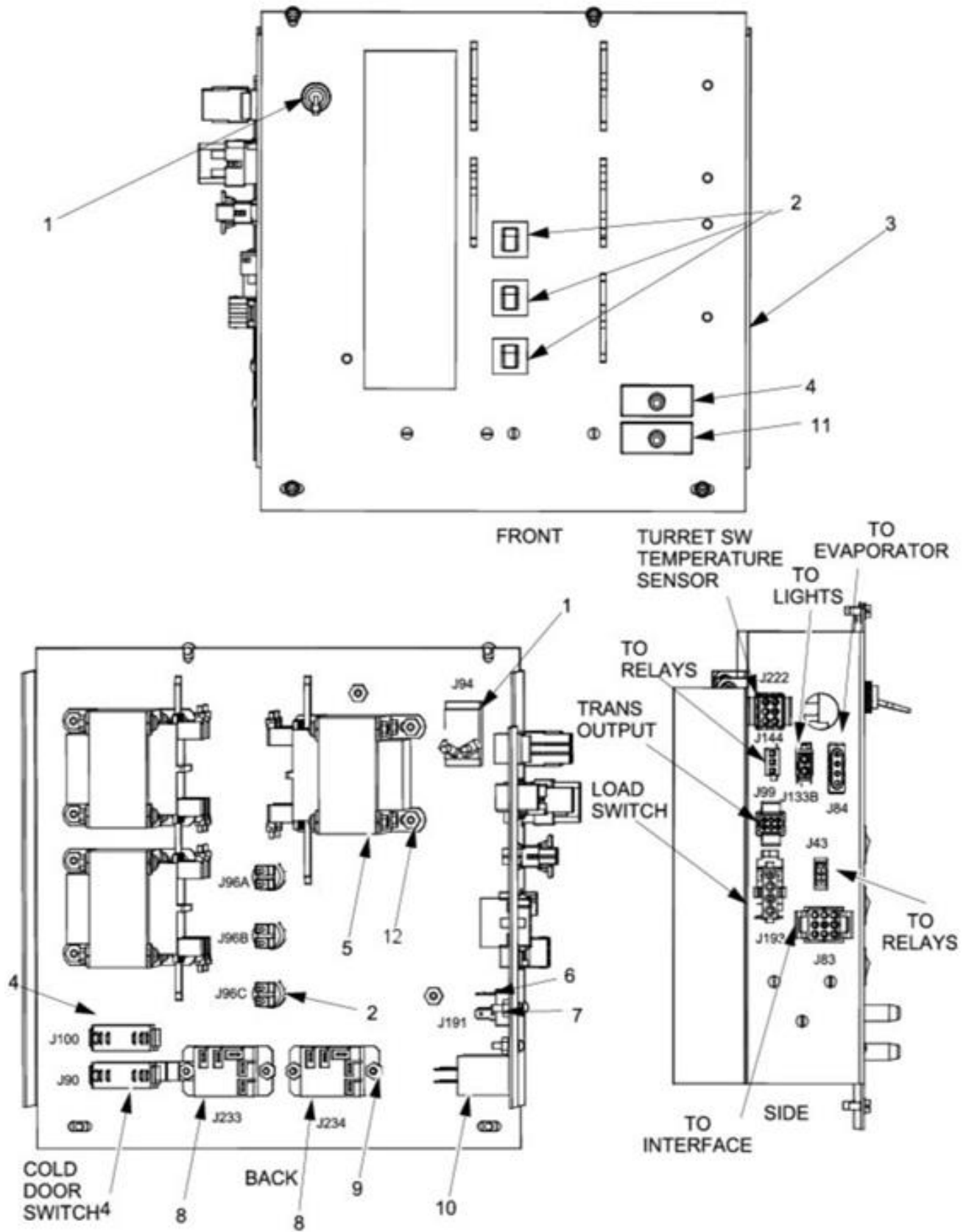
**FIGURE 35: POWER PANEL ASSEMBLY - DOMESTIC (115V)**

432p0060

**TABLE 35: POWER PANEL ASSEMBLY – DOMESTIC (115V)**

ITEM #	PART NUMBER	DESCRIPTION	QTY
-----	103592	POWER PANEL ASSEMBLY - DOMESTIC	-----
1	107791	SWITCH - TOGGLE - DPST - 20AMP	1
2	107820	CIRCUIT BREAKER - 4 AMP	3
3	4321251	PANEL - POWER - FRONT - DOMESTIC	1
4	112061	SWITCH	1
5	107806	24V XFMR-DUAL PIR.-.187 TERM.	3
6	104060	INTERFERENCE FILTER	1
7	104054	TRIAC - 35A - 600V	1
8	107802	CAPACITOR-MOTOR RUN-10UF	1
9	104065	RELAY - SPDT 24VDC - PANEL MOUNT	2
10	105653	NUT #6-32 KEPS ZINC PLATE	6
11	100153	NUT #8-32 KEPS ZINC PLATE	2
12	1211109	6-32X9/16 PHS MACH SCR ZP	6
NS	4329062	HARNESS-POWER PNL-FRT DC	

**CRANE MERCHANDISING SYSTEMS**



432p0039

**FIGURE 36: POWER PANEL ASSEMBLY - INTERNATIONAL (230V)**



**TABLE 36: POWER PANEL ASSEMBLY – INTERNATIONAL (230V)**

ITEM #	PART NUMBER	DESCRIPTION	QTY
-----	103593	POWER PANEL ASSEMBLY - FRONT - INTERNATIONAL (230V)	-----
1	107791	SWITCH - TOGGLE - DPST - 20AMP	1
2	107820	CIRCUIT BREAKER - 4 AMP	3
3	4321253	POWER PANEL FRONT INTERNATIONAL (230V)	1
4	106248	SWITCH - INTERLOCK	1
5	107806	24V XFMR - DUAL PIR. - .187 TERM	3
6	104054	TRIAC - 35A - 600V	1
7	1211109	6-32X9/16 PHS MACH SCR ZP	6
8	104065	RELAY - SPDT 24VDC - PANEL MOUNT	2
9	105653	NUT #6-32 KEPS ZINC PLATE	6
10	107803	CAPACITOR-MOTOR RUN-2.5UF	1
11	112061	SWITCH	1
12	100153	NUT #8-32 KEPS ZINC PLATE	8
NS	4329046	HARNESS-POWER PNL-FRT AC 230V	1
NS	4329062	HARNESS-POWER PNL-FRT DC	1

# CRANE MERCHANDISING SYSTEMS

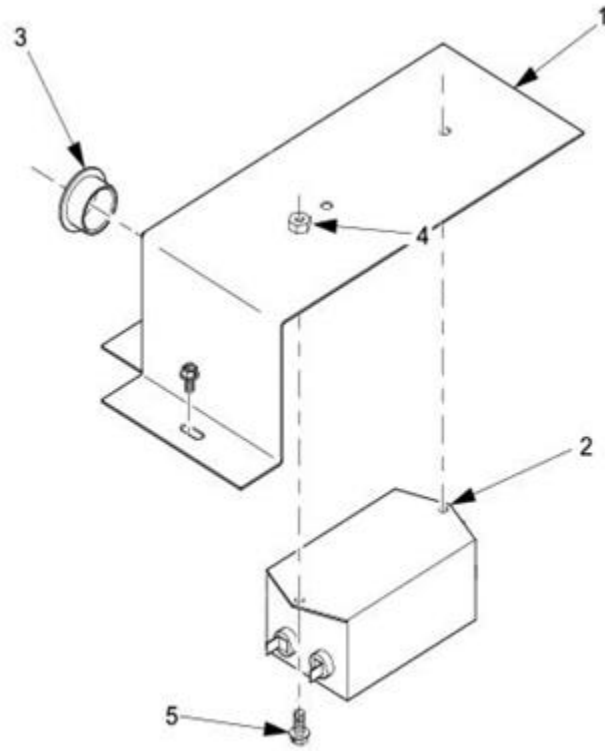


FIGURE 37: POWER PANEL ASSEMBLY - REAR - INTERNATIONAL <sup>432p0040</sup> - (230V)

**TABLE 37 POWER PANEL ASSEMBLY – REAR – INTERNAITONAL (230V)**

ITEM #	PART NUMBER	DESCRIPTION	QTY
-----	107980	POWER PANEL ASSEMBLY - REAR	-----
1	111741	COVER-CONTROL-POWER-REAR	1
2	104061	FILTER-POWER LINE-EMI	1
3	103510	BUSHING #SB1000-12	1
4	100153	NUT #8-32 KEPS ZINC PLATE	2
5	107730	SCREW - #8-32 X 3/8 RHS	3

# CRANE MERCHANDISING SYSTEMS

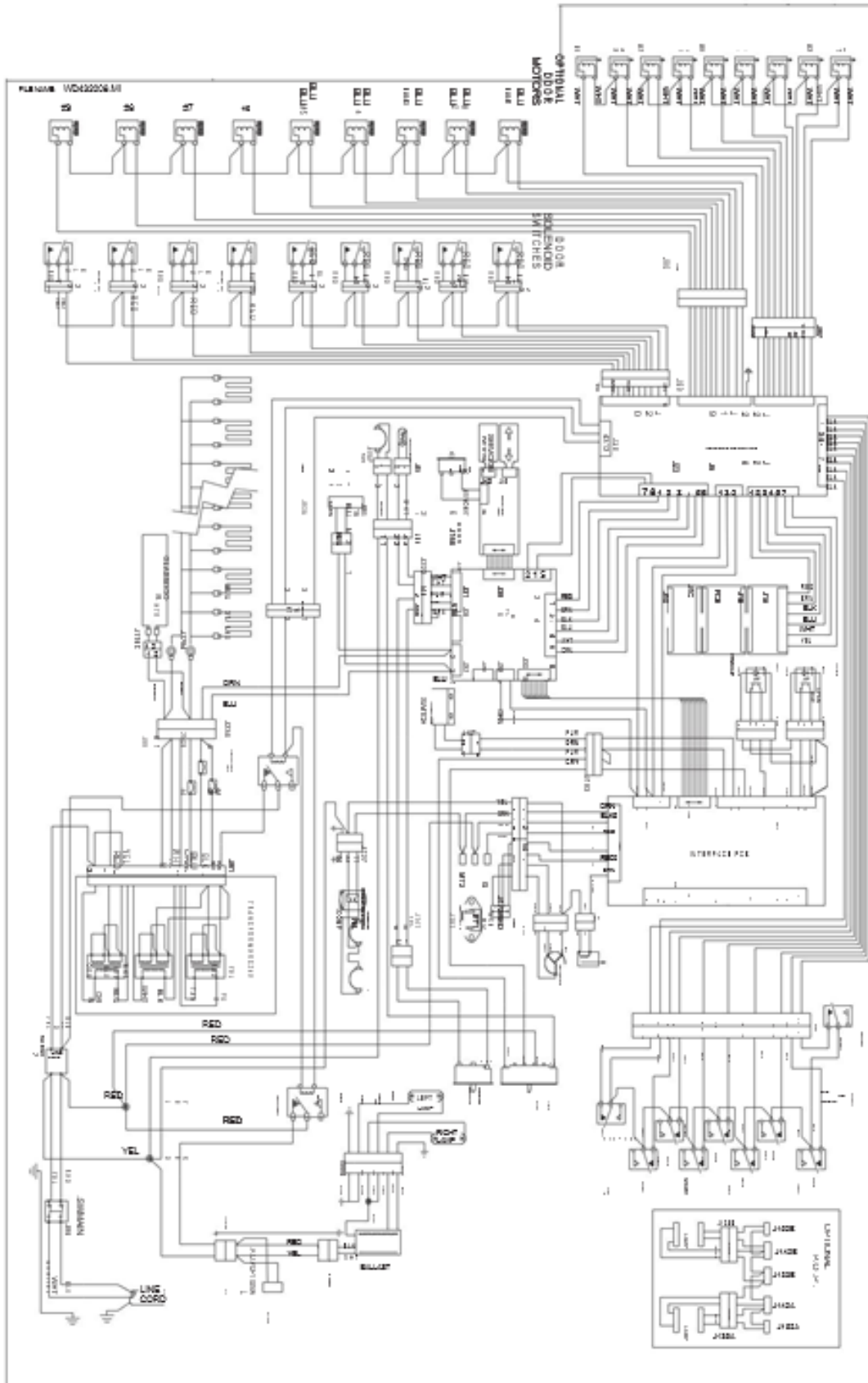


FIGURE 38: 432/962 WIRING DIAGRAM - DOMESTIC - (115V)

# CRANE MERCHANDISING SYSTEMS

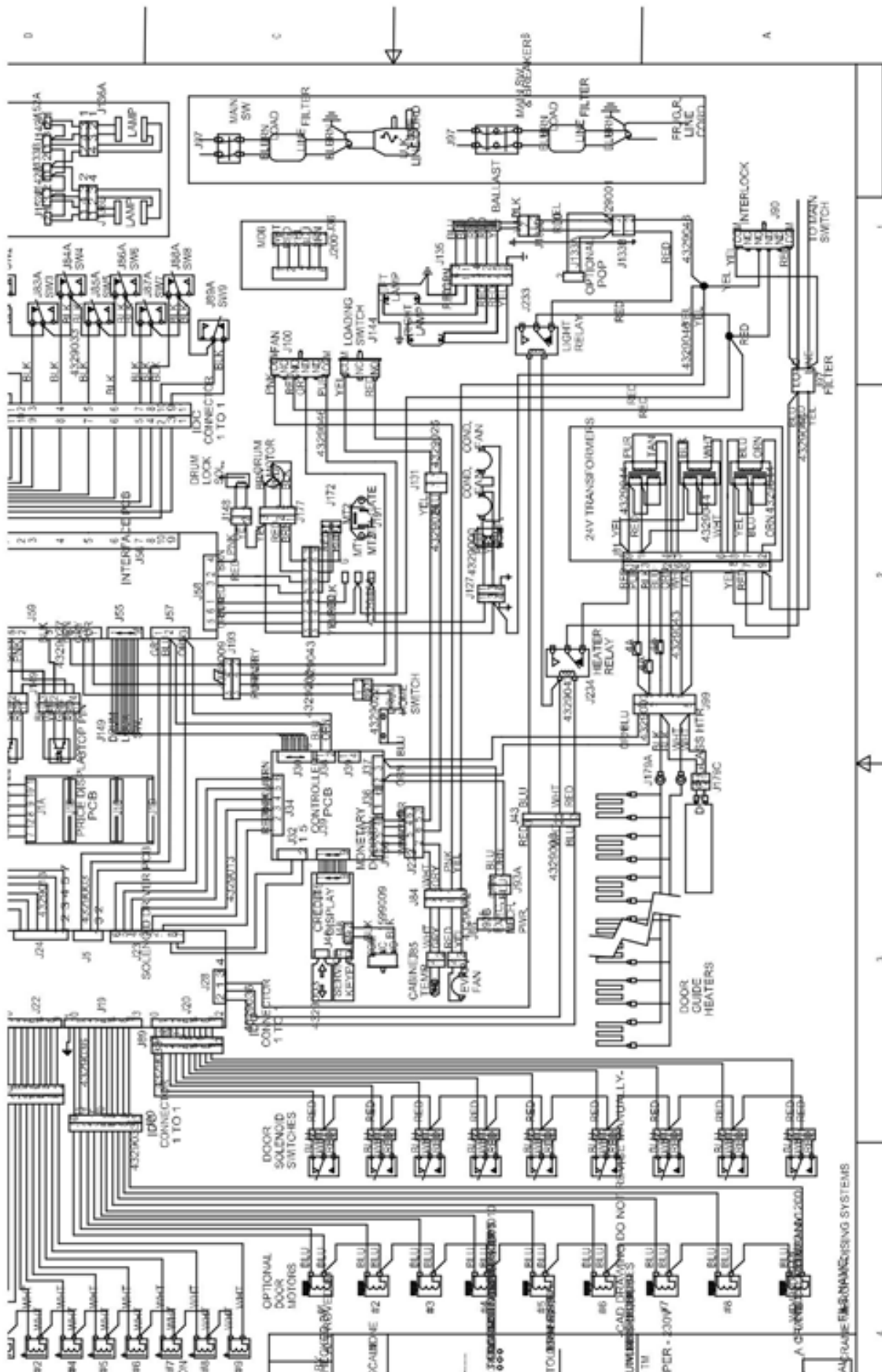


FIGURE 39: 432/962 WIRING DIAGRAM - INTERNATIONAL - (230V)



**TABLE 38: 432 HARNESS LIST**

<b>PART NUMBER</b>	<b>DESCRIPTION</b>
103188	JUMPER - MONETARY DOOR SWITCH
1579018	HARNESS - DATA PRINTER INTERFACE
103192	HARNESS - CONTROL TO DISPLAY
103207	FLUORESCENT LIGHT FILTER - 120/230V
103212	HARNESS - "MDB" COIN & VALIDATOR
103213	HARNESS - DEX INTERFACE
4279001	JUMPER - 230V - XFMR PRIMARY
100864	HARNESS - COMPRESSOR
106566	HARNESS - LAMP TO POWER PANEL
103715	HARNESS - POWER PANEL TO PCB
4329062	HARNESS - POWER PANEL
4329056	HARNESS - LAMP TO BALLAST - (115V)
110545	HARNESS - LAMP TO BALLAST - (230V)
103707	HARNESS - CABINET DC
106558	HARNESS - POP - BALLAST (NOT SHOWN)
103712	HARNESS - DOOR AC
103703	HARNESS - PRICE DISPLAY
103704	HARNESS - 24V TEMP & SWITCH
106561	HARNESS - POP LAMP
103714	HARNESS-EVAP FAN & TEMP
103706	HARNESS - TURRET SWITCH
103709	CABLE ASSEMBLY - 16 CONDUCTOR
103718	HARNESS, VEND DOOR MANUAL
103717	HARNESS, VEND DOOR POWER
106570	JUMPER, MOTOR POWER
104037	HARNESS - POWER CORD TO PANEL
104378	HARNESS-EXEC.COIN-LONG
104067	PCB ASSY-EXECUTIVE INTERFACE
107785	WIRE-GROUND-14"
107839	WIRE-GROUND - 5"

**TABLE 39: BAG ASSEMBLY: 15 – B4320000 (15V)**

<b>PART NUMBER</b>	<b>DESCRIPTION</b>	<b>QTY</b>
104533	WIRING DIAGRAM - 432/962 - (115V)	1
103806	PLASTIC BAG	1
103136	LABEL - INSTRUCTIONS - ALT \$1 & \$5 - EXT	1
103556	OPERATORS GUIDE - 432/962	1
103584	SCREW-#6-19 X .31 TMPR.PRF EA	4
106559	LIST - WIRE HARNESSSES	1
106494	STOP - VEND-DOOR	4

**TABLE 40: BAG ASSEMBLY: 15 – B4320001X (230V)**

<b>PART NUMBER</b>	<b>DESCRIPTION</b>	<b>QTY</b>
104534	W.D. - 432962 - (230V)	1
103806	PLASTIC BAG	1
103136	LABEL - INSTRUCTIONS - ALT \$1 & \$5 - EXT	1
103556	OPERATORS GUIDE - 432/962	1
103584	SCREW-#6-19 X .31 TMPR.PRF EA	4
106559	LIST - WIRE HARNESSSES	1
106494	STOP - VEND-DOOR	4
105954	COIN CHUTE & BRACKET ASSEMBLY	1
105956	INSTR.SHEET-COIN CHUTE & BRKT.	1

