



IMI CORNELIUS INC.
One Cornelius Place
Anoka, MN. 55303-6234
Telephone 1-800-238-3600
Facsimile 1-800-258-0255

www.cornelius.com

ILLUSTRATED PARTS LIST

IMD COUNTER TOP ICEMAKER (600 SERIES)

MODEL NO.

638090400
638090401
638090402
638090403
638090450
638090451
638090600
638090601
638090602
638090603
638090604
638090605
638090650
638090651



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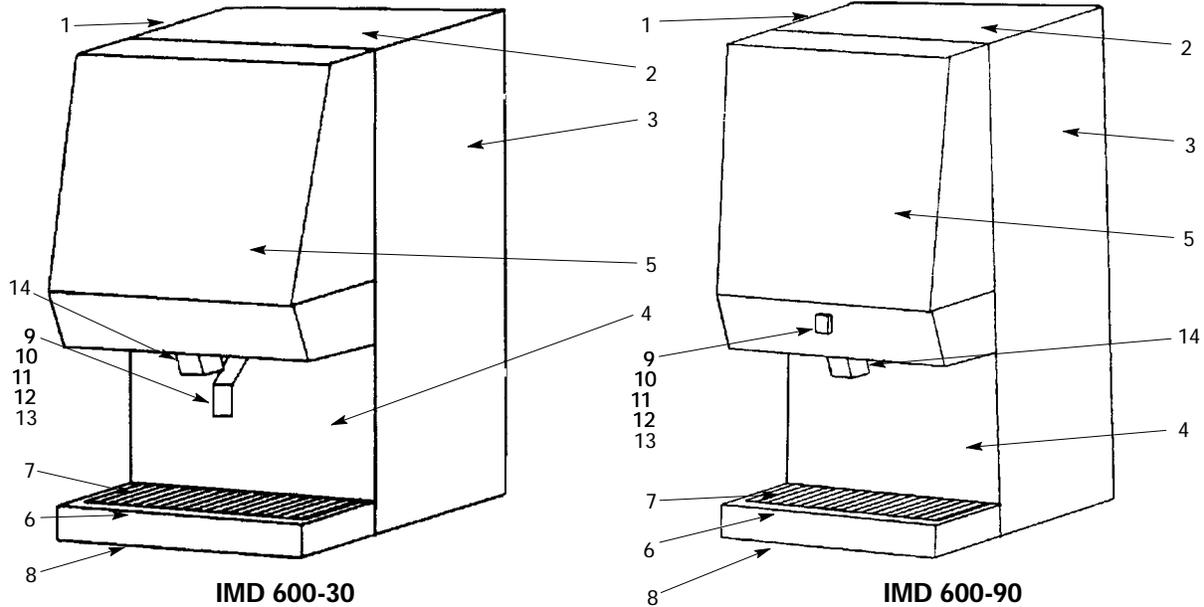


FIGURE 1. CABINET PARTS ASSEMBLY

Item No.	Part No.	Name
1	638032037	Panel Side LH 600-30
	638032539	Panel Side LH 600-90
2	638032038	Panel Top 600-30
	638032537	Cover Top 600-90
3	638032036	Panel Side RH 600-30
	638032538	Panel Side RH 600-90
4	638032145-006	Panel Splash Asy 600-30 (Push Button)
	638032040-006	Panel Splash Asy 600-90 (Push Button)
	638032145-001	Panel Splash Asy 600-30 (Lever)
	638032040-001	Panel Splash Asy 600-90 (Lever)
5	638032545-002	Feature Front Cover 600-30 (Push Button)
	638032025-001	Panel Fnt 60-30 (Lever)
	638032536-001	Panel Fnt 60-90 (Lever)
	638032536-002	Panel Fnt 60-90 (Push Button)
6	638032043	Drip Tray Asy 600-30
	638059270	Drip Tray Asy 600-90

Item No.	Part No.	Name
7	638032044	Cup Rest 600-30
	638058805	Cup Rest 600-90
8	638032041	Skirt Drip Tray 600-30
	638032531	Skirt Drip Tray 600-90
	638032050	Kit Drip Tray 600-30
9	638038588	Cover Switch (Push Button)
	638006529	Cover Switch (Lever)
10	638038589	Switch Dispense (Push Button)
	638008315	Switch Dispense (Lever)
11	638031162	Boot Plunger (Lever)
12	638009627	Plate Dispense (Lever)
13	638011601	Wire Asy Switch (Push Button)
	638011643	Cable Asy Switch (Lever)
14	638032039	Chute Ice 600-30
	638032287	Chute Ice Asy 600-90
	638031763-002	Fitg Drain
	638032136	Window Fnt Ice Chute 600-90



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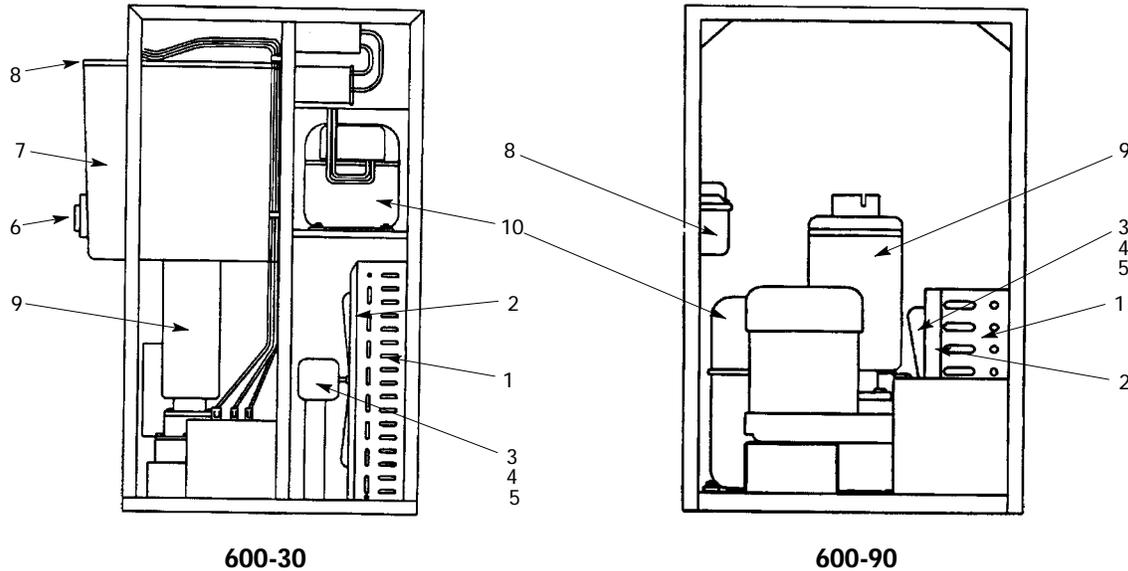


FIGURE 2. REFRIGERATION AND FRAME COMPONENTS

Item No.	Part No.	Name
1	638004204	Cond Coil 600-30 Air Cooled
	638036273	Cond Coil 600-90 Air Cooled
	630000443	Cond Asy 600-30 Water Cooled
	630000684	Coil Water Asy 600-90 Wtr Cooled
2	638004285	Shroud Fan 600-30
	638090635	Shroud Cond 600-90
3	638004387	Fan Blade 600-30
	638096723	Fan Blade 600-90
4	638004391	Brkt Fan Mtg 600-30
	638090009	Brkt Fan Motor 600-90
5	638036225	Motor Fan 25W 120V 60HZ 600-30 Air Cooled
	638010017	Motor Fan 20W 230V 50HZ 600-30 Air Cooled
	638090236	Motor Fan 35W 120V 50/60HZ 600-90 Air Cooled
	638090234	Motor Asy 240V 60HZ 600-90 Air Cooled
	638090233	Motor Fan 230V 50HZ 600-90 Air Cooled
	638008943	Motor Exhaust 120V 60HZ Water Cooled
	638033058	Brkt Exhaust Fan 600-30 Water Cooled
	638031832	Brkt Fan Mounting 600-90 Water Cooled

Item No.	Part No.	Name
6	638031108	Disp Mech Asy 120V 60HZ
	638031496-001	Disp Mech Asy 208/230V 60HZ
	638031108-01	Disp Mech Asy 220V 60HZ
7	630000715	Bin Storage Asy Collared Evap 600-30
	630000714	Bin Storage Asy Collared Evap 600-90
8		Ice Level Control (See Figure 3)
9		Front End Ass'y (See Figure 5)
	638009755	Swt Pressure Water Cooled
10	631500018	Comp 3/4 HP 120V 60HZ
	631500020	Comp 3/4 HP 240V 60HZ
	631500019	Comp 3/4 HP 230V 50HZ
	161998009	Relay Start Comp 120V 60HZ
	638090242	Relay Start Comp 240V 60HZ
	161998015	Relay Start Comp 230V 50HZ
	161165008	Capac Srt 120V 60HZ
	25335	Capac Srt 230/240V 50/60HZ
	161192004	Capac Run 120V 60HZ
	638090123	Capacitor, Run, 240V 60HZ
	638031205	Capac Run 230V 50HZ, 602-30
	638035039	Capac Run 230V 50HZ, 602-90
	630250025	Dryer Asy 600-30 Air Cooled
	630250028	Dryer Asy 600-90 Air Cooled
630250061	Dryer Asy Water Cooled	



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Item No.	Part No.	Name
1	638036929	Insulator Bin Cover
2	638036605	Sprocket Chain 24 Tooth
3	638036645	Gasket Strip (Underside of Bin Cover)
4	638009062-02	Chain
5	638036604	Sprocket Chain 20 Tooth
6	01470	Washer Lk No. 10
7	638007052-02	Screw MA 10-32 HX 16
8	638000845	Washer Ft No. 10
9	638031849	Disp Motor Asy (240V 50HZ)
	638036587-01	Motor Agit (120V 60HZ)
10	638005633	Screw MA 1/4 HXSK 18
11	168833003	Washer Sr 1/4 External Tooth
12	638007301-18	Washer Ft
13	638007206-07	Nut Jam 1/4-20
14	165294001	Bolt MA 1/4-20 HX 32
15	638036651	Brkt Mtr Tension
16	638036577	Hinge Ice Control
17	638007108-01	Clip
18	164005001	Rivet Pop
19	638036938	Plate Ice Level Control
20	638036123	Key Square Drive
21	638036603	Spacer Hub
22	630900138	Screw MA 10-32 RDSL 40
23	638007201-10	Nut No. 10-32
24	638047377-001	Collar Shaft .75 I.D.
25	638004001	Cover Switch
26	638007009-10	Screw No. 6 x 1 1/4" B BH
	638007009-08	Screw No. 6 x 1" BH SS
27	638003924	Switch
28	638001662	Insulator Switch
29	638007337-03	Retainer E-Ring
30	638007264-02	Nut Tinnerman Twin
31	638032571	Brkt Switch Mtg
32	638032567	Pin Actuating Ice Level
33	638036910	Hub Agitator Shaft
34	638007301-039	Washer Ft
35	638040033	Ring Retaining
36	638033798	Shaft Agitator
37	638036923	Agitator Asy
38	27103	Bolt MA 1/4-20 HX 16
39	638007301-18	Washer Ft
	163424000	Strain Relief
	638011665	Wire Jumper Ice Level

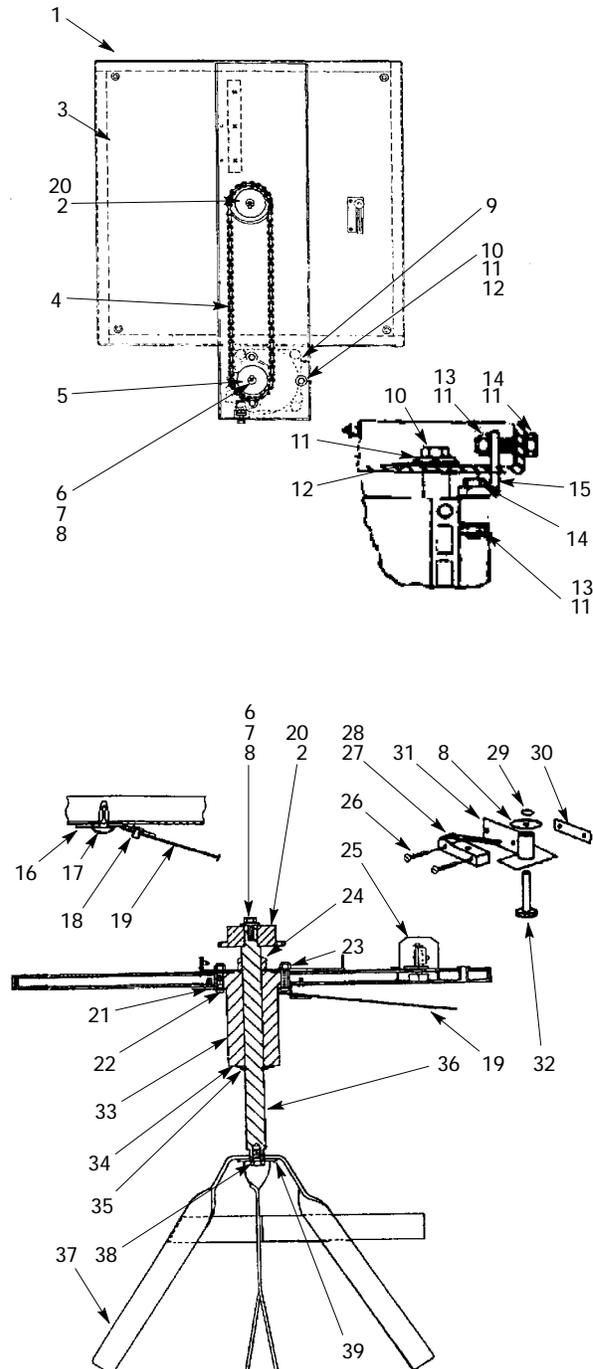


FIGURE 4. ICE LEVEL CONTROL ASSEMBLY (600-90)

Manual Part No. 638085277IPL600
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Item No.	Part No.	Name
1	630000715	Bin Storage Asy 600-30
	630000714	Bin Storage Asy 600-90
2	638031108	Disp Mech Asy 120V 60HZ
	638031496-001	Disp Mech Asy 208/230V 60HZ
	638031108-01	Disp Mech 220V 50HZ
3	638032039	Chute Ice 600-30
	638032287	Chute Ice 600-90
4	638007201-03	Nut No. 8-32
5	638032034	Brkt Spt Storage Bin 600-30
6	630900765	Retainer Ring Collared Evap
7	638007088-06	Screw MA 1/4-20 HX 24
8	638090001	Motor Gear 120V 60HZ
	638090050	Kit Motor Gear 120V 60HZ
	638090001-001	Motor Gear 240V 60HZ
	638090050-004	Kit Motor Gear 240V 60HZ
	630900422	Motor Gear 230V 50HZ
	638090050-006	Kit Motor Gear 230V 50HZ
	638011645	Cable Asy 115V 60HZ
	638011647	Cable Asy 230V 50/60HZ
9	638090215	Mount Shaft Seal
10	638031027	O-Ring 1.975 I.D.
11	638090051	Seal Shaft
12	638007301-03	Washer Lower Bearing
13	638090053	Ring Retn-E
14	638090216	Seat Shaft Seal
15	168833000	Washer Lk .250 I.D.
16	638007088-06	Screw MA 1/4-20 HX 24
17	630000650	Evap Tube Asy Collared Evap
18	638090226	Valve Thermal Expansion
19	630900764	Gasket Storage Bin Collared Evap
20	638090213	Auger D-Drive
21	638090211-002	Nut Auger
22	638090219	Bearing Nylon
23	630900608	Head Extruder Collared Evap
24	638095111	Pad 600-30
25	638004442	Spacer Upper 600-30
26	638031517	Brkt Mtg 600-30
	638032514	Brkt Fnt End Mtg 600-90
27	638007972-03	Screw No. 10 x 3/4" B
28	638000845	Washer Ft 600-30
29	638007504	Mount Vibration 5/16-18, 600-90
30	6380K1008	Grommet Compressor 600-90
31	164083002	Nut Hex No. 10-32 600-90
32	638007204-07	Nut Hex 5/16-18
33	638090220	Bearing Delrin

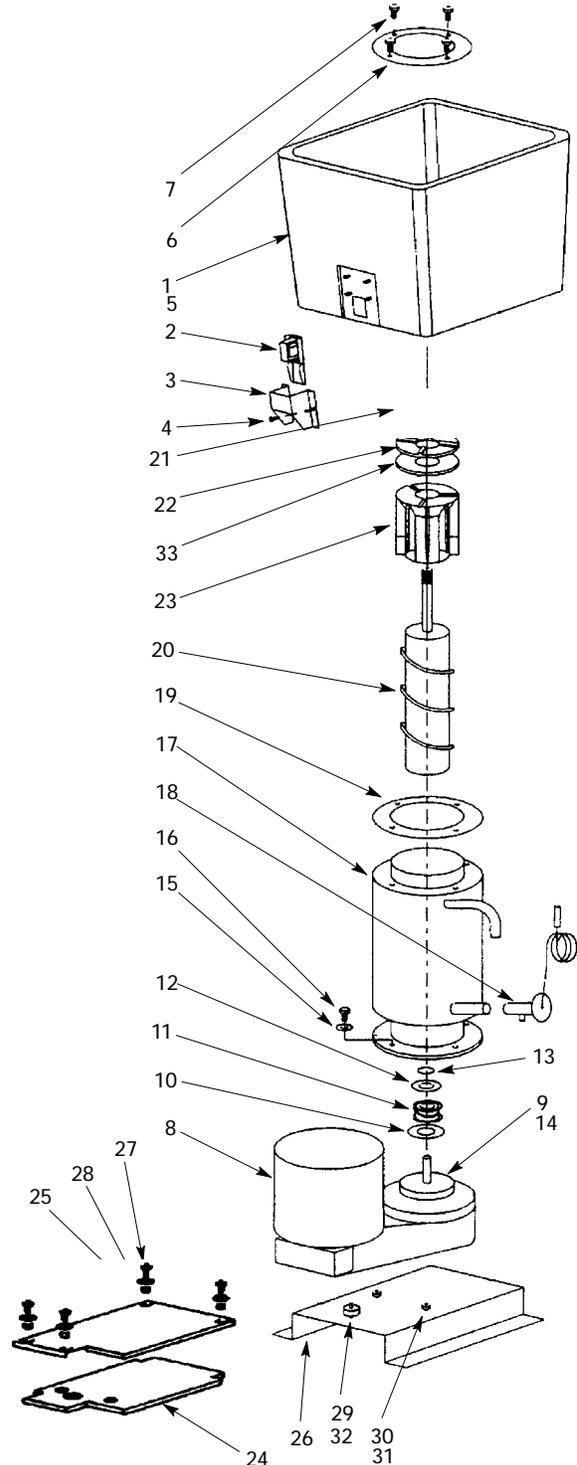


FIGURE 5. BIN AND FRONT END ASSEMBLY



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Item No.	Part No.	Name
1	638031001	Box Elec
2	638035039	Capac Run 600-90
	638031003	Capac Run 600-30
	638031205	Capac Run 602-30
3	630200166	Cap Strap Universal
4	161168005	Screw TC 8-32 HX 16
5	638090052	Relay 3-Pole 115V 60HZ.
	638090054	Relay 3-Pole 208/220V 50/60HZ.
6	630900111	Screw TC 8-32 PAPH 24
7	638004791	Swt Toggle
8	163424000	Strain Relief
9	638031129	Brkt Strain Relief
10	164005001	Rivet Pop
11	163529000	Bushing
12	638031498	Timer Auger Delay
	638031796	Control Timer Delay 120V 60HZ
	638031876	Control Timer Delay 230V 50HZ

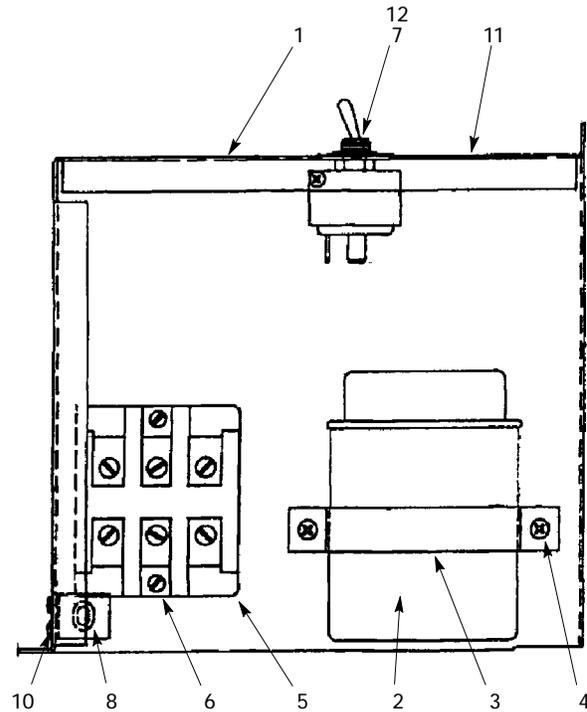


FIGURE 6. ELECTRICAL BOX ASSEMBLY

Item No.	Part No.	Name
1	638030822	Reservoir Asy 600-30
	638030825	Reservoir Asy 600-90
2	638030823	Kit Hardware Water Level Control 600-30
	638030824	Kit Hardware Water Level Control 600-90
3	638030819	Float and Stem Asy 600-30
	638030821	Float and Stem Asy 600-90
4	638008483-01	Swt Reed Asy 600-30
	638008483-03	Swt Reed Asy 600-90
5	638004717	Brkt Water Level 600-30
	638030024	Brkt Water Level 600-90

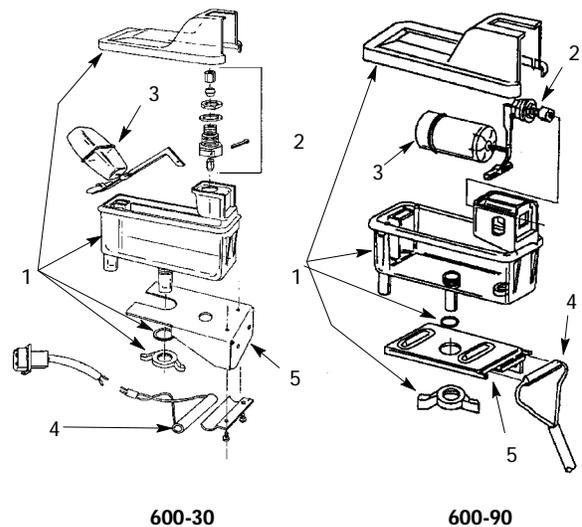


FIGURE 7. ELECTRICAL BOX ASSEMBLY

Manual Part No. 638085277IPL600
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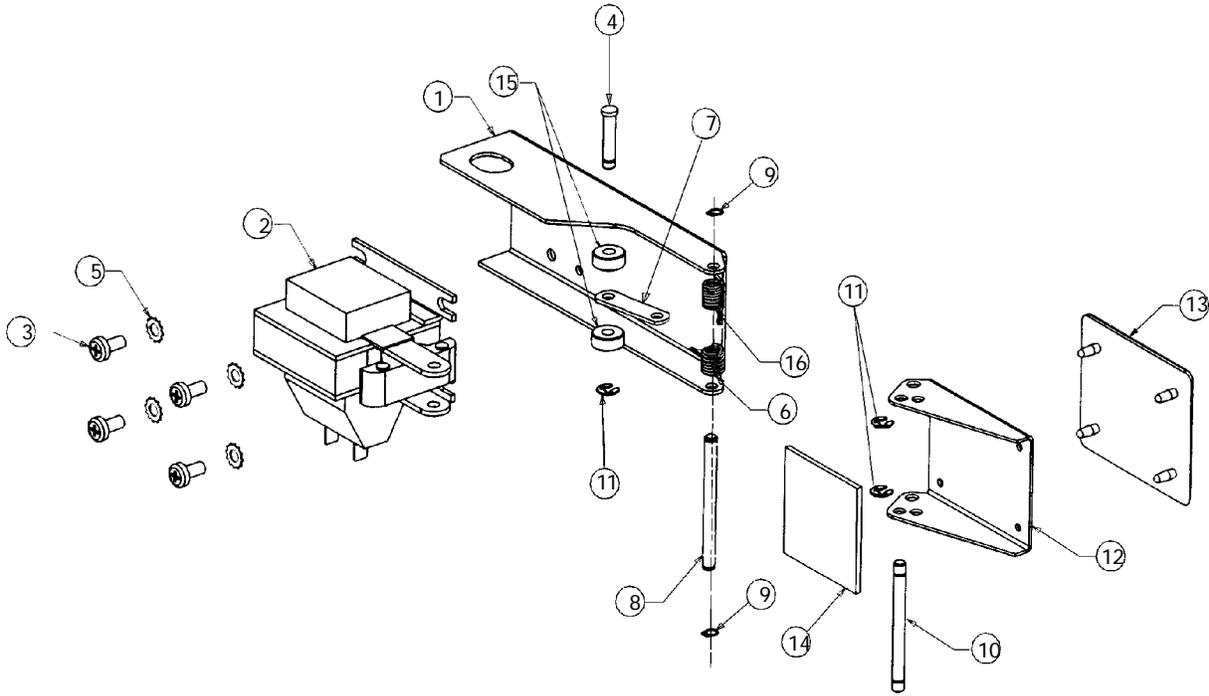


FIGURE 8. MECHANISM ASSEMBLY

Item No.	Part No.	Name
1	638031035	Brkt Solenoid 120V 60HZ
	638031505	Brkt Solenoid 208/230V 50HZ
2	638010081	Solenoid 120V 60HZ
	638031499-001	Solenoid 208V 50HZ
	638010019	Solenoid 230V 50HZ
3	638007051-02	Screw No. 10-32 x 3/8 PH
4	638031007	Pin Linkage
5	638007337-02	Retaining E-Ring
6	638000981	Spacer

Item No.	Part No.	Name
7	638031006	Link 120V 60HZ
	638031503	Link 208V 50HZ
	638031006	Link 230V 50HZ
8	638004443	Spring Torsion Lower
9	638004417	Pin Drive
10	638031096	Insulation
11	638004416	Pin Pivot
12	638007338-01	Ring Retainer
13	638031036	Door
14	638031002	Gasket Door
15	638004418	Spring Torsion Upper
16	638011581	Cable