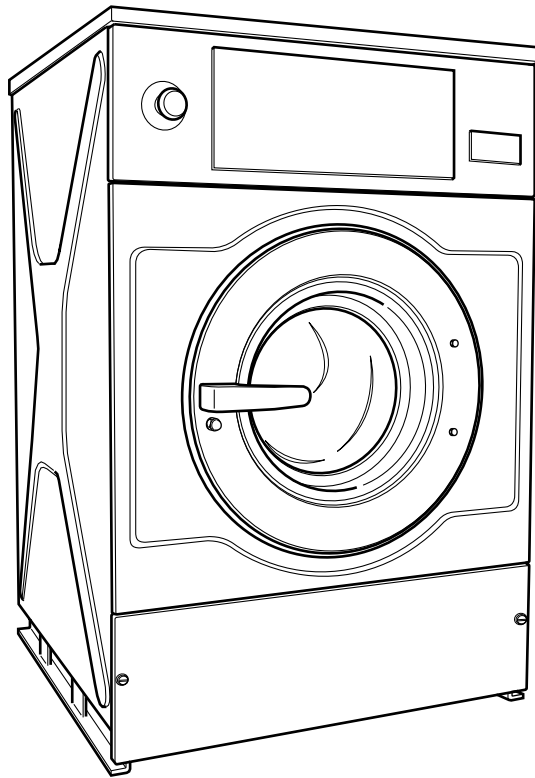


Washer-Extractor

Cabinet Hardmount

Refer to Page 5 for Model Numbers



CHM2097N_D0886

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Parts Ordering Information

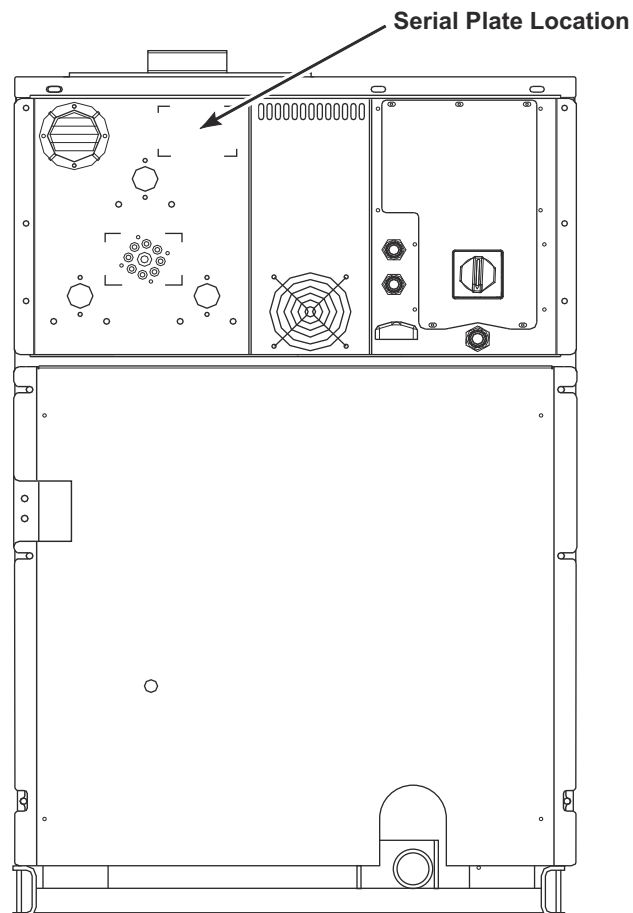
If literature or replacement parts are required, contact the source from whom the machine was purchased or contact Alliance Laundry Systems at (920) 748-3950 for the name and address of the nearest authorized parts distributor.

For technical assistance, call the number listed below:

(920) 748-3121 Ripon, Wisconsin

Serial Plate Location

When calling or writing about your product, be sure to mention model and serial numbers. Model and serial numbers are located on serial plate(s) as shown.



CHM3065P_D0886

[illegible]

Model Identification

Information in this manual is applicable to these washer-extractor models:

IWF033ANM	IWF040SCM	IWF185ANM	WFF150_CYGNUS-COMM_COIN
IWF033AN2	IWF040SC2	IWF185AN2	WFF150_CYGNUS-COMM_OPL
IWF033MCM	IWF040SDM	IWF185MCM	WFF150_CYGNUS-PREM_COIN
IWF033MC2	IWF040SD2	IWF185MC2	WFF150_CYGNUS-PREM_OPL
IWF033MDM	IWF040SEM	IWF185MDM	WFF150_CYGNUS-PRO
IWF033MD2	IWF040SE2	IWF185MD2	WFF150_CYGNUS-STANDARD_COIN
IWF033MEM	IWF040SLM	IWF185MEM	WFF150_CYGNUS-STANDARD_OPL
IWF033ME2	IWF040SL2	IWF185ME2	WFF150_MICRO-20_COIN
IWF033MLM	IWF040SRM	IWF185MLM	WFF150_MICRO-20_OPL
IWF033ML2	IWF040SR2	IWF185ML2	WFF150_PS40F
IWF033MNM	IWF040SXM	IWF185MNM	WFF150_SIGMA_COIN
IWF033MN2	IWF040SX2	IWF185MN2	WFF150_SIGMA_OPL
IWF033MXM	IWF040SYM	IWF185MXM	WFF185_CYGNUS-COMM_COIN
IWF033MX2	IWF040SY2	IWF185MX2	WFF185_CYGNUS-COMM_OPL
IWF033MYM	IWF150ANM	IWF185MYM	WFF185_CYGNUS-PREM_COIN
IWF033MY2	IWF150AN2	IWF185MY2	WFF185_CYGNUS-PREM_OPL
IWF033SCM	IWF150MCM	IWF185SCM	WFF185_CYGNUS-PRO
IWF033SC2	IWF150MC2	IWF185SC2	WFF185_CYGNUS-STANDARD_COIN
IWF033SDM	IWF150MDM	IWF185SDM	WFF185_CYGNUS-STANDARD_OPL
IWF033SD2	IWF150MD2	IWF185SD2	WFF185_MICRO-20_COIN
IWF033SEM	IWF150MEM	IWF185SEM	WFF185_MICRO-20_OPL
IWF033SE2	IWF150ME2	IWF185SE2	WFF185_PS40F
IWF033SLM	IWF150MLM	IWF185SLM	WFF185_SIGMA_COIN
IWF033SL2	IWF150ML2	IWF185SL2	WFF185_SIGMA_OPL
IWF033SRM	IWF150MNM	IWF185SRM	WF150_CYGNUS-COMM_COIN
IWF033SR2	IWF150MN2	IWF185SR2	WF150_CYGNUS-COMM_OPL
IWF033SXM	IWF150MXM	IWF185SXM	WF150_CYGNUS-PREM_COIN
IWF033SX2	IWF150MX2	IWF185SX2	WF150_CYGNUS-PREM_OPL
IWF033SYM	IWF150MYM	IWF185SYM	WF150_CYGNUS-PRO
IWF033SY2	IWF150MY2	IWF185SY2	WF150_CYGNUS-STANDARD_COIN
IWF040ANM	IWF150SCM	IWF185ZNM	WF150_CYGNUS-STANDARD_OPL
IWF040AN2	IWF150SC2	IWF185ZN2	WF150_MICRO-20_COIN
IWF040MCM	IWF150SDM		WF150_MICRO-20_OPL
IWF040MC2	IWF150SD2		WF150_PS40F
IWF040MDM	IWF150SEM		WF150_SIGMA_COIN
IWF040MD2	IWF150SE2		WF150_SIGMA_OPL
IWF040MEM	IWF150SLM		WF185_CYGNUS-COMM_COIN
IWF040ME2	IWF150SL2		WF185_CYGNUS-COMM_OPL
IWF040MLM	IWF150SRM		WF185_CYGNUS-PREM_COIN
IWF040ML2	IWF150SR2		WF185_CYGNUS-PREM_OPL
IWF040MNM	IWF150SXM		WF185_CYGNUS-PRO
IWF040MN2	IWF150SX2		WF185_CYGNUS-STANDARD_COIN
IWF040MXM	IWF150SYM		WF185_CYGNUS-STANDARD_OPL
IWF040MX2	IWF150SY2		WF185_MICRO-20_COIN
IWF040MYM	IWF150ZNM		WF185_MICRO-20_OPL
IWF040MY2	IWF150ZN2		WF185_PS40F
			WF185_SIGMA_COIN
			WF185_SIGMA_OPL

Cabinet Hardmount Washer-Extractor Product Overview

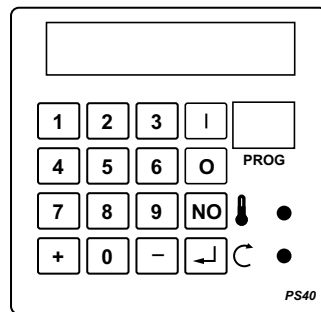
Type:	WFF75C	Nr: 07110WD0339
Voltage:	3 ~ 400V 50Hz	Weight: 181 kg
Motor:	0.55kW 2.5A	Capacity: 73 L
Heating:	9kW 16A	Dry Load: 7,3 kg
Total:	9.55 kW	Drum: 530 mm
Kinetic energy:	592 Nm	Speed: 700 rpm
Manufactured in:	2007	
Water Pressure: min. 2.07 max. 5.86 Kg/cm ² IPX4 min. 20.7 max. 58.6 N/cm ²		
sfc 741837		

Alliance International BVBA
Nieuwstraat 146
8560 Wevelgem
Belgium
Tel: +32 56 41 20 54
Fax: +32 56 41 86 74
www.ipsso.be

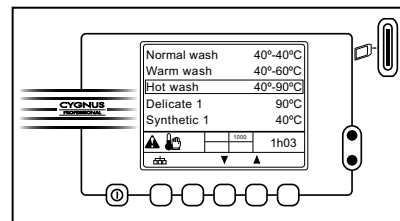
Model No:	IWF018MNMX10U01	Serial No: 07110WD0152
Volts Hertz:	208-240 50/60	Type: WFF75
Phase:	1 - 3	
Amps:	6 amps	Capacity: 18/ 7 lbs/kg
Recommended Circuit Breaker:	15 amps	Water: 30-85 psi
Interrupt Current:	10 kA	Pressure: 2.07-5.86 bar
Motor:	1 hp 0,75 kW	Max Speed: 700 rpm
Elec Heat:	N/A kW	Net Weight: 400 lbs 181 kg
Steam heat:	N/A psi N/A bar	IPX4

Alliance International BVBA
Made in Belgium

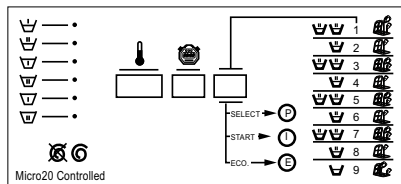
TEL 1-920-748-3121
www.comlaundry.com



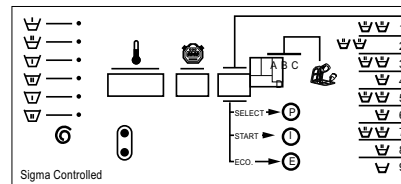
PS40



Cygnus Professional



Micro 20



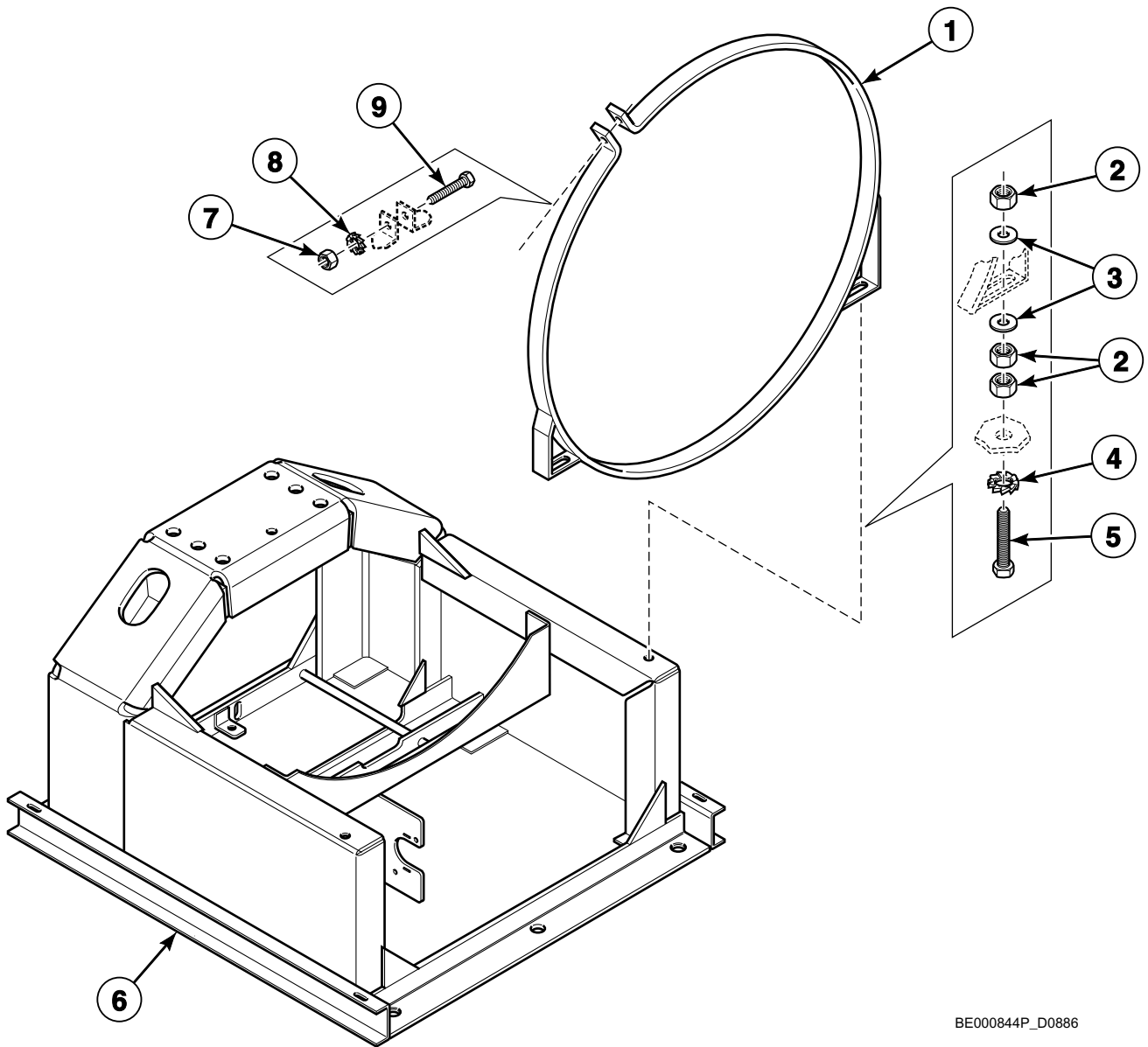
Sigma

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Cabinet Hardmount Washer-Extractor Product Overview

REF	PART NO.	DESCRIPTION	COMMENTS
1	-	Product Family	IWF WF
2	-	Capacity	033 040 150 185
3	-	Control	A (PS40F) Cygnus-Comm Cygnus-Prem Cygnus-Standard M (Micro-20) S (Sigma) Z (Cygnus-Pro)
4	-	Actuation	C (Coin Drop Meter) D (Dual Coin Drop) E (Electronic Drop) L (Prep for Remote or Central Pay) N (Non-Coin) R (Smart Card Ready) X (Prep for Coin) Y (Card Ready)
5	-	Speed	M (Medium) 2 (2 Speed)
6	-	Voltage	N (440-480/50-60/3/3) P (380-415/50-60/3/3) Q (208-240/50-60/3/3) X (200-240/50-60/1/3)
7	-	Design	1

Frame

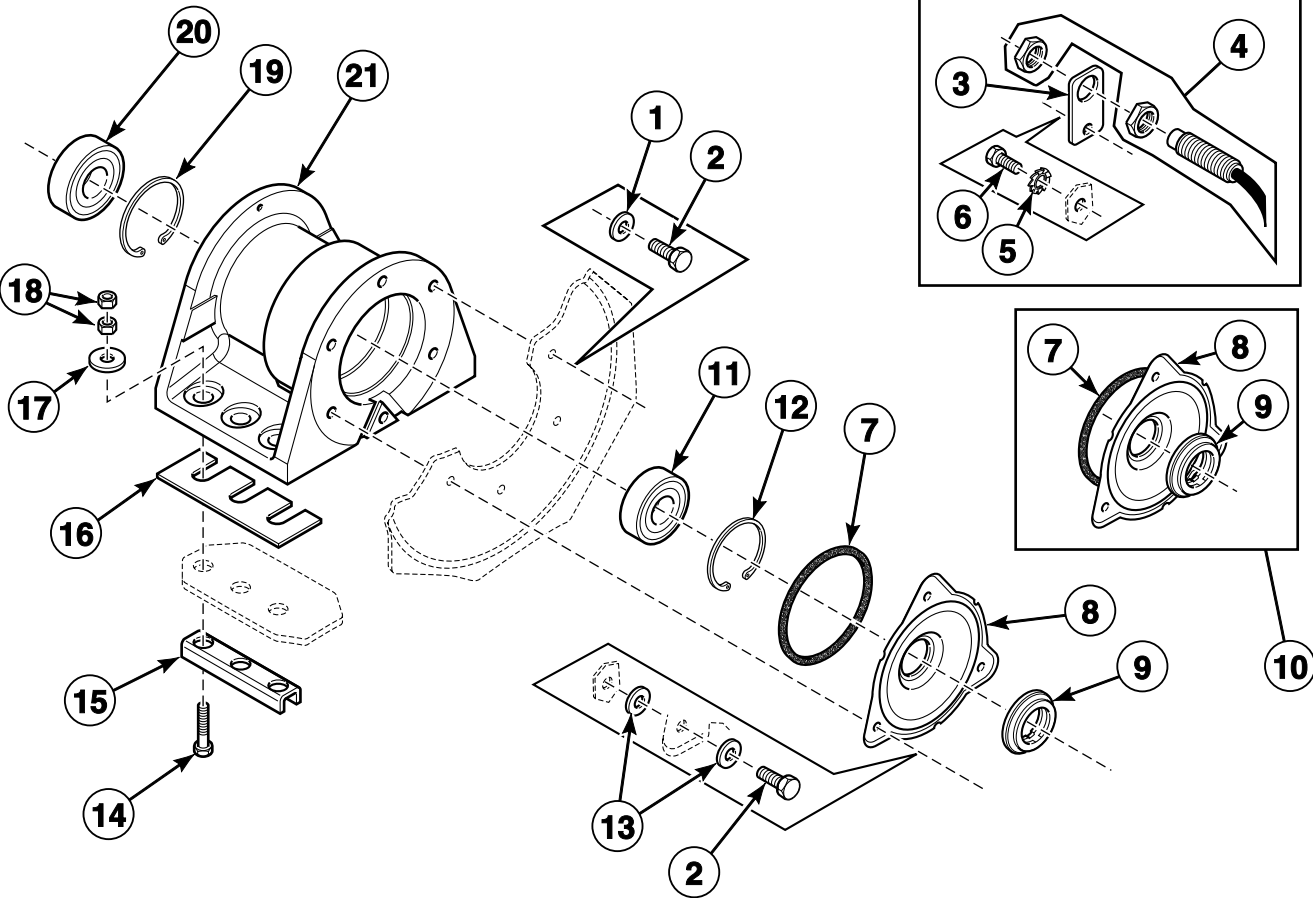


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Frame

REF	PART NO.	DESCRIPTION	COMMENTS
1	212/00115/00	Tub Fastening Ring	
2	204/00002/00	Nut	
3	201/00005/00	Washer	
4	203/00001/00	Washer	
5	206/00079/00	Bolt	
6	212/00109/50	Chassis	*33 and *150 models
	212/00110/50	Chassis	*40 and *185 models
7	204/00004/00	Nut	
8	203/00003/00	Washer	
9	206/00007/00	Screw	

Bearing Housing - Models Through 1/30/11

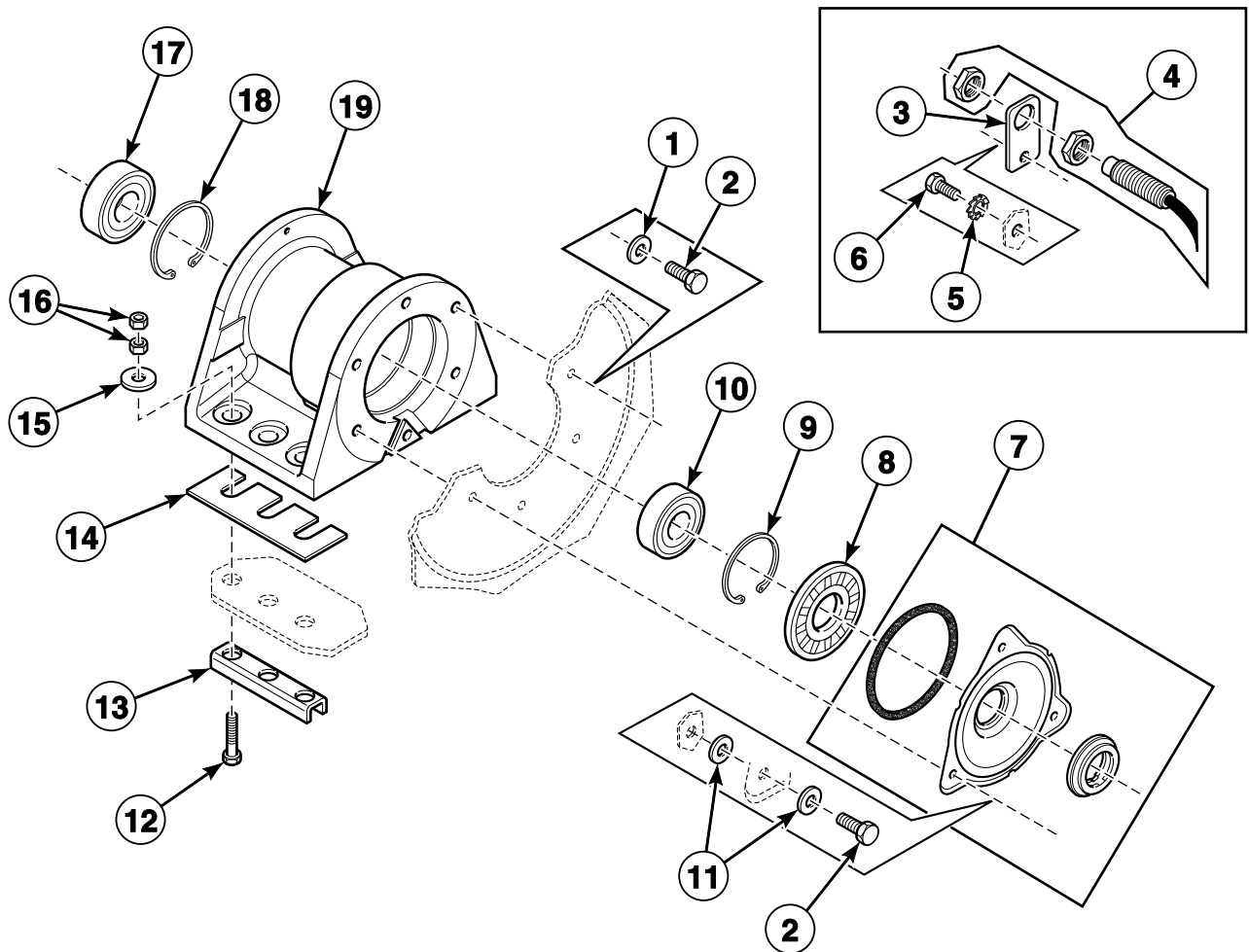


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Bearing Housing - Models Through 1/30/11

REF	PART NO.	DESCRIPTION	COMMENTS
	KBRGWE234	Bearing Replacement Kit	Includes items 1, 2, 10-12, 20, 219/00004/00 Counter Ring, 223/00242/40 Front Panel Gasket, F8382001P Inlet Deflector and F8388601P Inlet Deflector
	382P3	Bearing Replacement Tool Kit	
1	201/00201/00	Washer	
2	205/00102/00	Bolt	
3	152/00055/00	Speed Detector Bracket	
4	210/00075/00	Speed Detector	
5	203/00004/00	Washer	
6	205/00104/00	Bolt	
7	217/00002/00	O-Ring	Used with 136/00021/00 Drum or B12380701 Drum
8	219/00001/00	Seal Cover	Used with 136/00021/00 Drum or B12380701 Drum
9	219/00003/00	Shaft Seal	Used with 136/00021/00 Drum or B12380701 Drum
10	119/00001/01	Seal Holder Assembly	Used with 136/00021/00 Drum or B12380701 Drum
11	212/00004/00	Ball Bearing	
12	212/00006/00	Retainer Ring	
13	201/00201/00	Washer	
14	206/00093/00	Bolt	
15	113/00067/00	U-Piece Assembly	
16	113/00017/01	Bearing Housing Plate	1 mm
	113/00017/02	Bearing Housing Plate	2 mm
17	201/00001/00	Washer	
18	204/00010/00	Nut	
19	212/00037/00	Retainer Ring	
20	F100134	Bearing	
21	212/10104/00	Bearing Housing Assembly	Includes items 11, 12, 19 and 20

Bearing Housing - Models Starting 1/31/11

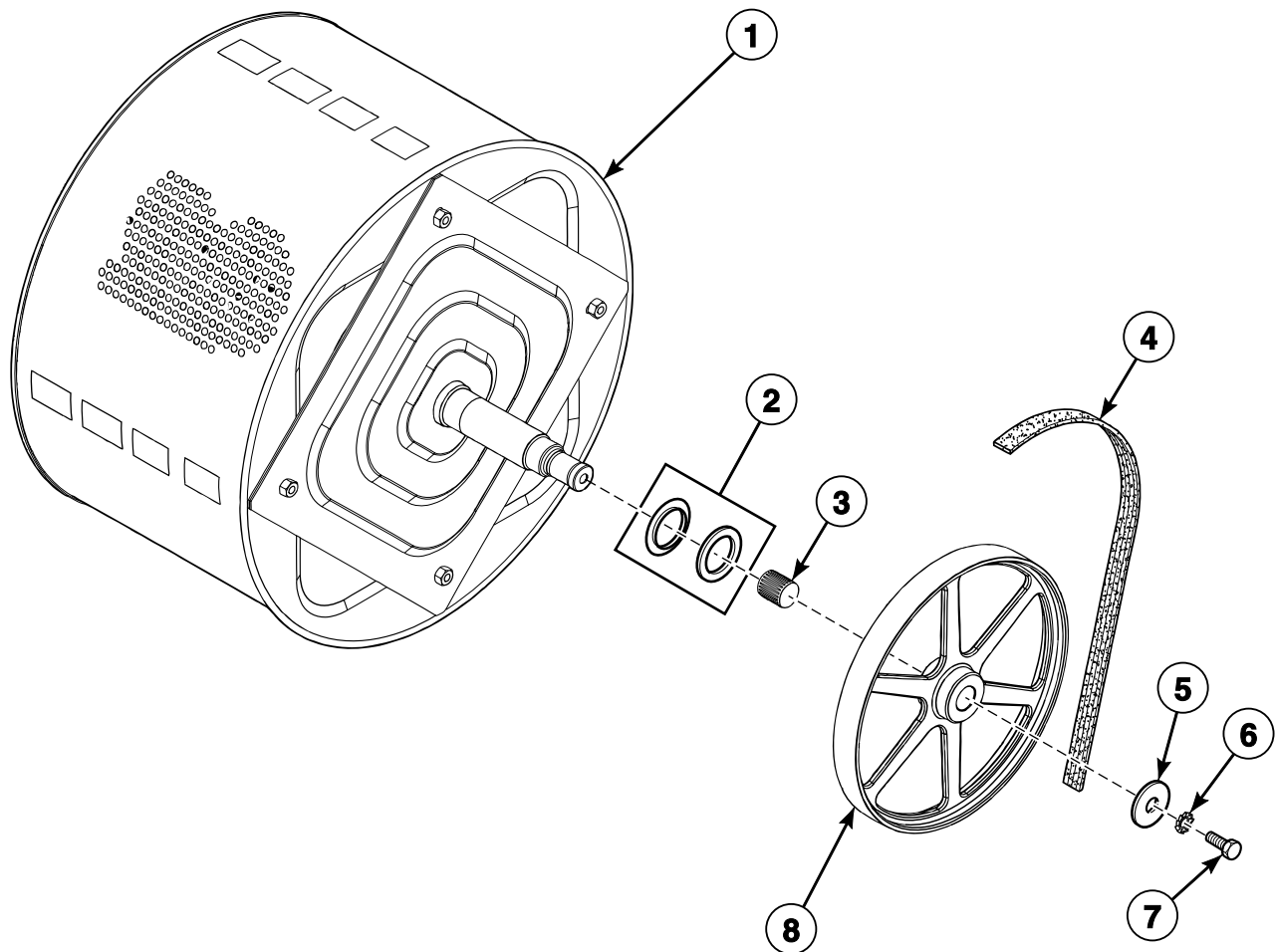


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Bearing Housing - Models Starting 1/31/11

REF	PART NO.	DESCRIPTION	COMMENTS
	3883P	Bearing Kit	Includes items 1, 2, 7-10, 17, 219/00004/00 Counter Ring and 223/00242/40 Front Panel Gasket
	382P3	Bearing Replacement Tool Kit	
1	201/00201/00	Washer	
2	205/00102/00	Bolt	
3	152/00055/00	Speed Detector Bracket	
4	210/00075/00	Speed Detector	
5	203/00004/00	Washer	
6	205/00104/00	Bolt	
7	B12333701	Seal Plate Assembly	Used with B12380301 Drum, B12380401 Drum, B12380701 Drum or B12380801 Drum
8	B12332301	Lip Seal	
9	212/00006/00	Retainer Ring	
10	212/00004/00	Ball Bearing	
11	201/00201/00	Washer	
12	206/00093/00	Bolt	
13	113/00067/00	U-Piece Assembly	
14	113/00017/01	Bearing Housing Plate	1 mm
	113/00017/02	Bearing Housing Plate	2 mm
15	201/00001/00	Washer	
16	204/00010/00	Nut	
17	F100134	Bearing	
18	212/00037/00	Retainer Ring	
19	212/10104/00	Bearing Housing Assembly	Includes items 9, 10, 17 and 18

Basket, Pulley and Belt

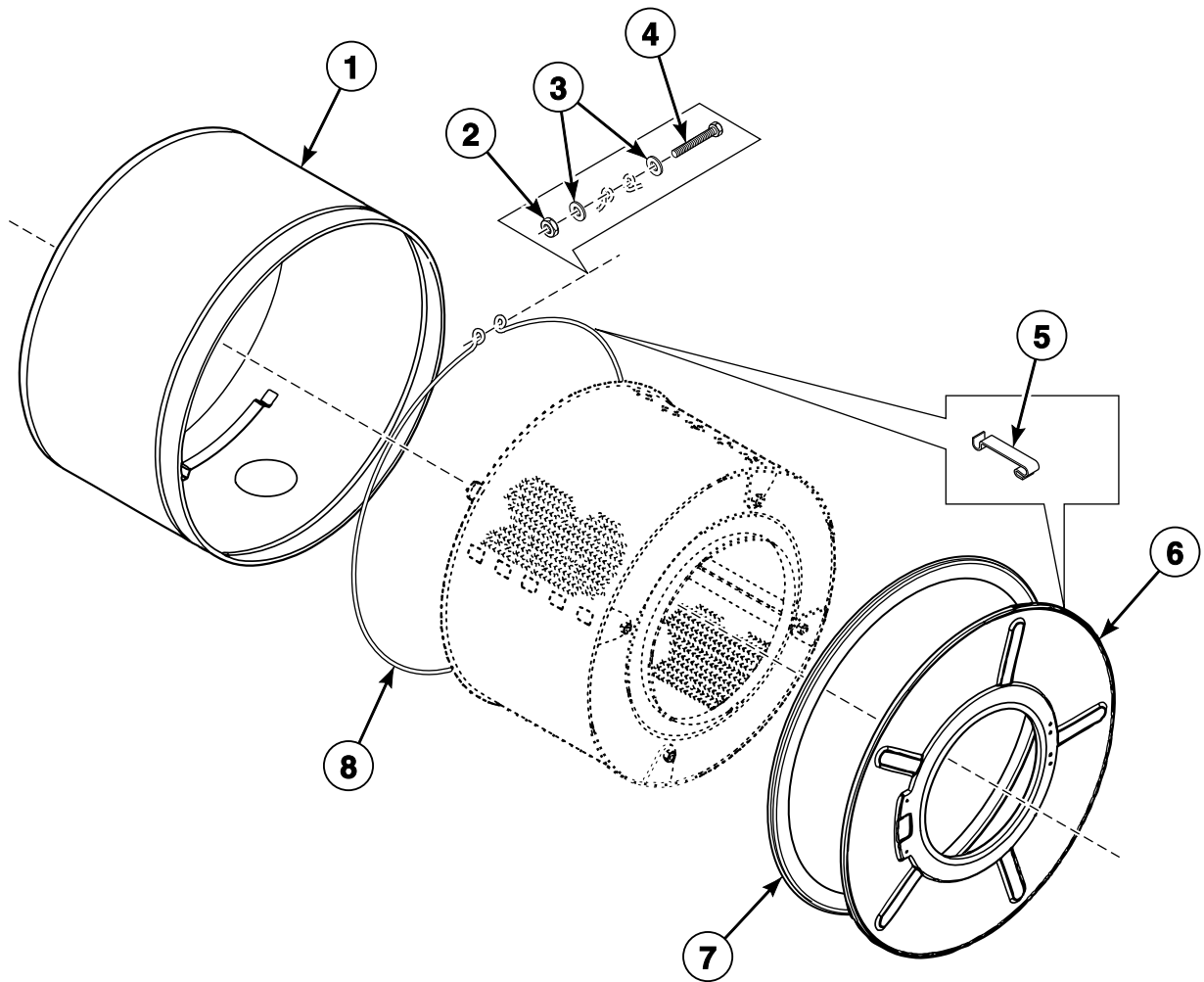


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Basket, Pulley and Belt

REF	PART NO.	DESCRIPTION	COMMENTS
1	136/00021/00	Drum	*33 and *150 models; Models through 1/30/11; Used with 119/00001/01 Seal Holder Assembly
	B12380301	Drum	*33 and *150 models; Models starting 1/31/11; 3 mm; Used with B12333701 Seal Holder Assembly
	B12380401	Drum	*33 and *150 models; Models starting 1/31/11; 9 mm; Used with B12333701 Seal Holder Assembly
	B12326901	Drum	*40 and *185 models; Models through 1/30/11; Used with 119/00001/01 Seal Holder Assembly
	B12380701	Drum	*40 and *185 models; Models starting 1/31/11; 3 mm; Used with B12333701 Seal Holder Assembly
	B12380801	Drum	*40 and *185 models; Models starting 1/31/11; 9 mm; Used with B12333701 Seal Holder Assembly
	B12545901	Basket Kit	*33 and *150 models; Models through 1/30/11; Includes B12380301 Drum and 3883P Bearing Kit
	B12543101	Basket Kit	*40 and *185 models; Models through 1/30/11; Includes B12380701 Drum and 3883P Bearing Kit
2	219/00004/00	Counter Ring	
3	215/00004/00	Tolerance Ring	
4	226/00132/00	Belt	M-speed models
	226/00138/00	Belt	2 speed models
5	201/00015/00	Washer	
6	203/00002/00	Washer	
7	206/00005/00	Bolt	
8	226/00126/00	Pulley	M-speed models
	226/00141/00	Drum Pulley	2 speed models

Shell

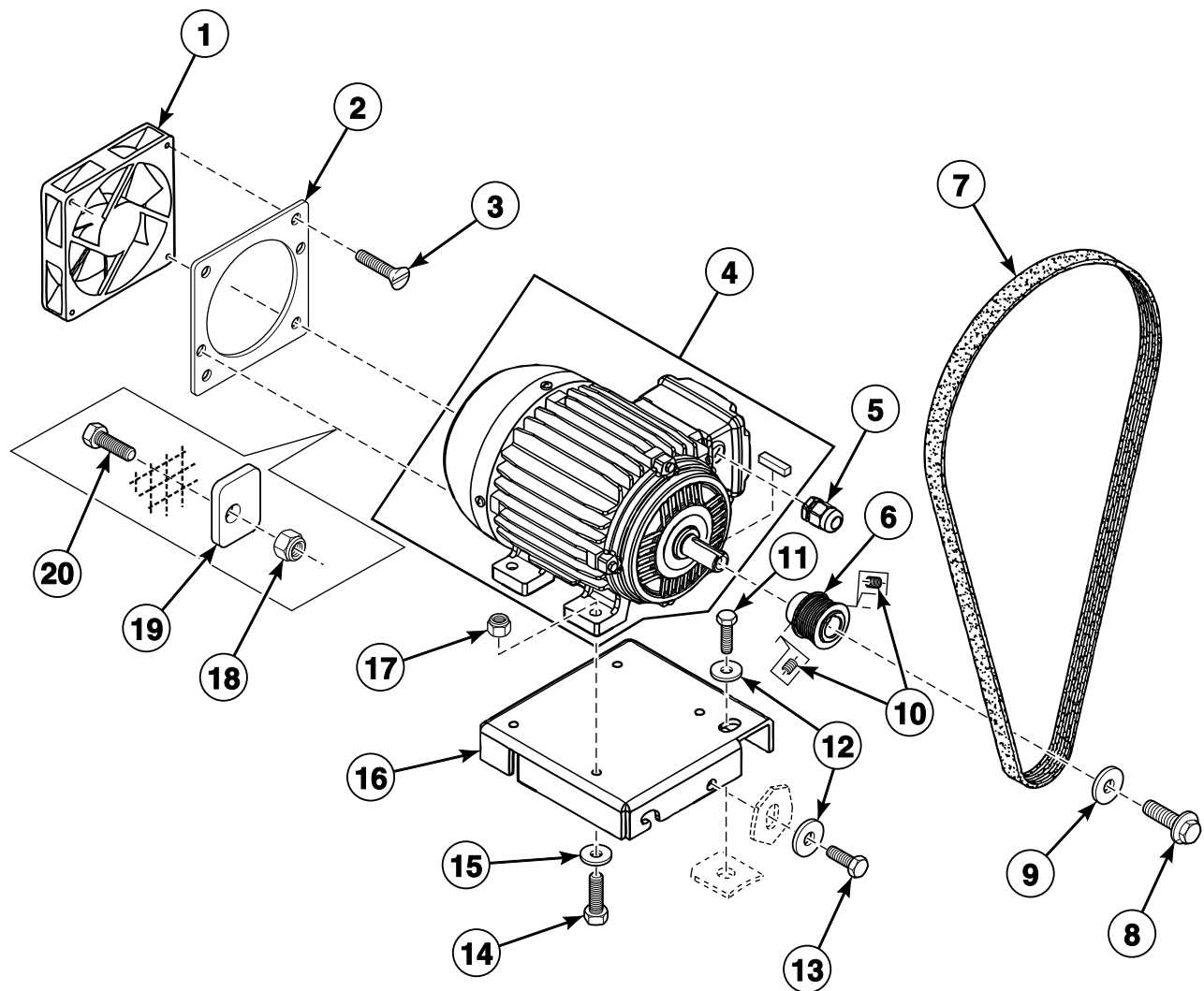


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Shell

REF	PART NO.	DESCRIPTION	COMMENTS
1	B12329501	Tub	*33 and *150 models; Electric heat; Models before Serial No. 10080WG0006
	B12329601	Tub	*33 and *150 models; Electric heat; Models starting Serial No. 10080WG0006
	B12329601	Tub	*33 and *150 models; Boiler; Models before Serial No. 10080WG0006
	B12329501	Tub	*33 and *150 models; Boiler; Models starting Serial No. 10080WG0006
	B12329701	Tub	*33 and *150 models; Steam heat
	B12329801	Tub	*40 and *185 models; Electric heat; Models before Serial No. 10080WI0146
	B12329901	Tub	*40 and *185 models; Electric heat; Models starting Serial No. 10080WI0146
	B12329901	Tub	*40 and *185 models; Boiler; Models before Serial No. 10080WI0146
	B12329801	Tub	*40 and *185 models; Boiler; Models starting Serial No. 10080WI0146
	B12330001	Tub	*40 and *185 models; Steam heat
2	204/00009/00	Nut	
3	201/00007/00	Washer	
4	206/00032/00	Bolt	
5	217/00008/00	Tub Front Panel Clip	
6	185/00049/00	Tub Front Panel	
7	B12351601	Tub Front Gasket	
8	219/00008/00	Ring Clip	

Motor and Belt

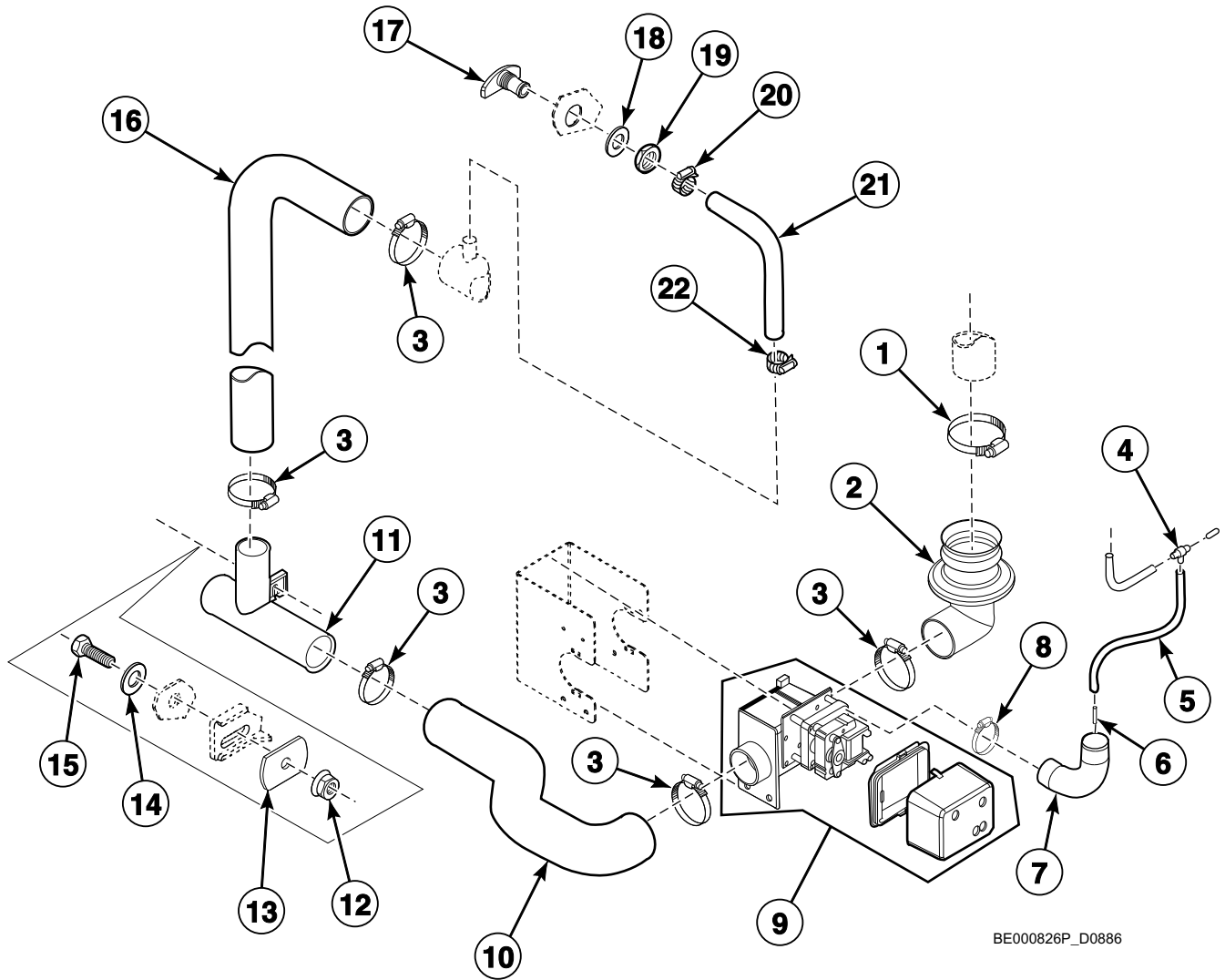


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Motor and Belt

REF	PART NO.	DESCRIPTION	COMMENTS
1	209/00465/00	Fan	
2	152/00044/03	Fan Plate Assembly	
3	207/00117/00	Screw	
4	B12510601	Motor	1.5 kW; M-speed models; Order replacement motor pulley when replacing motor
	227/00196/00	Motor	1.1 kW; 2 speed models; Order replacement motor pulley when replacing motor
5	271/35945/00	Nut	
6	226/00130/00	Motor Pulley	M-speed models
	226/00144/00	Motor Pulley	2 speed models
7	226/00132/00	Belt	M-speed models
	226/00138/00	Belt	2 speed models
8	206/00042/00	Bolt	
9	201/00015/00	Washer	
10	206/00058/00	Screw	
11	206/00119/00	Bolt	
12	201/00010/00	Washer	
13	206/00006/00	Bolt	
14	206/00009/00	Bolt	
15	202/00002/00	Washer	
16	115/10185/00	Motor Mounting Plate	
17	204/00109/00	Nut	
18	204/00115/00	Nut	
19	117/00042/00	Retaining Ring	
20	206/00054/00	Bolt	

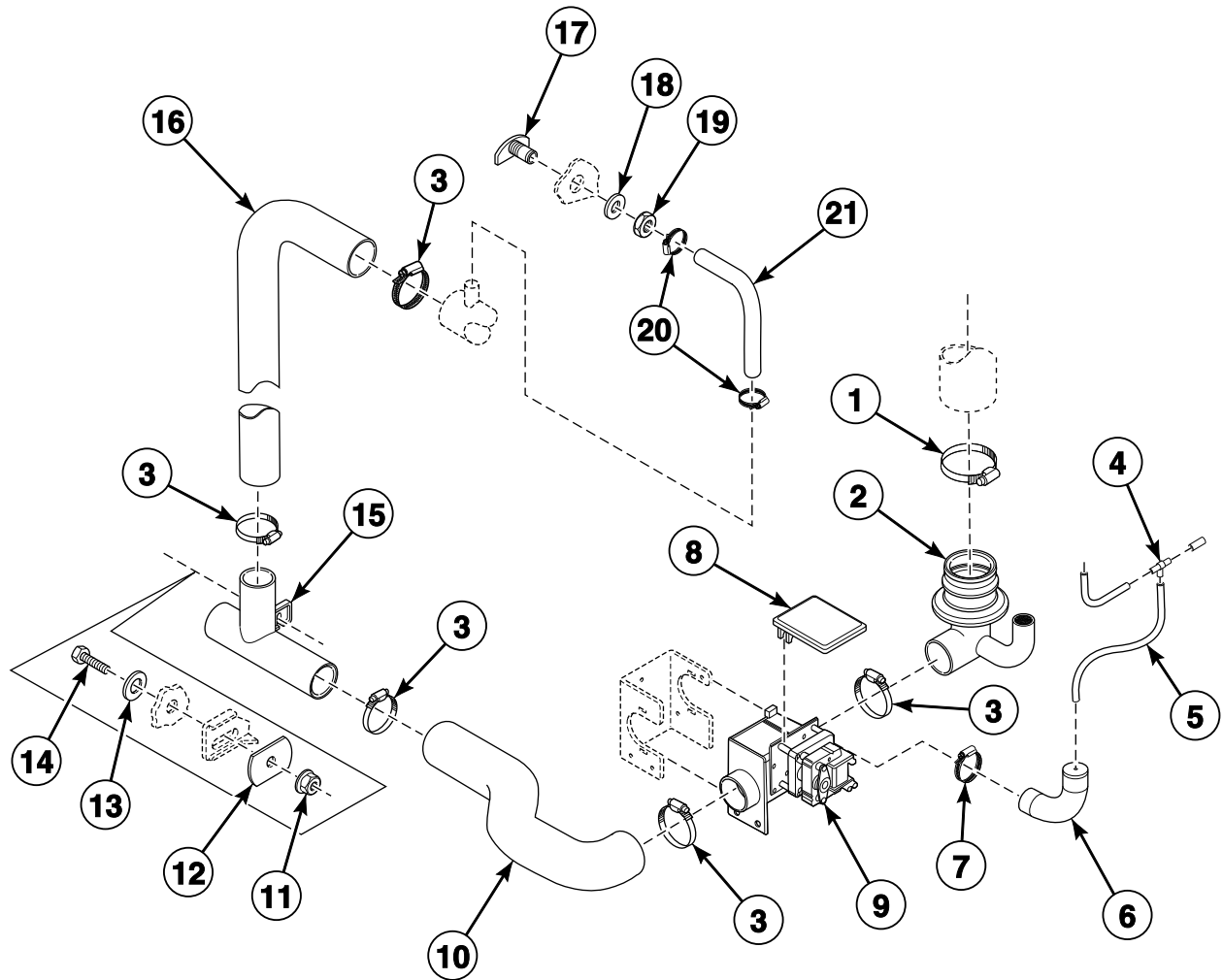
Drain Plumbing with 2-Inch Drain Valve Through 8/11/10



Drain Plumbing with 2-Inch Drain Valve Through 8/11/10

REF	PART NO.	DESCRIPTION	COMMENTS
1	223/00014/00	Hose Clamp	
2	223/00382/00	Tub Exhaust	
3	223/00013/00	Hose Clamp	
4	223/00173/10	Pressure Switch Hose Tee	
5	B12700018	Pressure Hose	
6	223/00016/00	Hose Barb	
7	223/00210/00	Pressure Switch Elbow	
8	223/00011/00	Hose Clamp	
9	209/00643/00	Drain Valve	
10	223/00190/00	Drain Valve Hose	*33 and *150 models
	223/00303/00	Drain Valve Hose	*40 and *185 models
11	223/00146/00	Drain Piece	
12	206/00101/00	Nut	
13	101/00007/00	Outlet Pipe Plate Assembly	
14	201/00007/00	Washer	
15	206/00033/00	Bolt	
16	223/00150/00	Overflow Hose	
17	223/00001/04	Prewash and Mainwash Nozzle	
18	201/00002/00	Washer	
19	204/00201/00	Nut	
20	223/00010/00	Hose Clamp	
21	223/00044/00	Water Hose	
22	223/00010/00	Hose Clamp	

Drain Plumbing with 2-Inch Drain Valve Starting 8/12/10

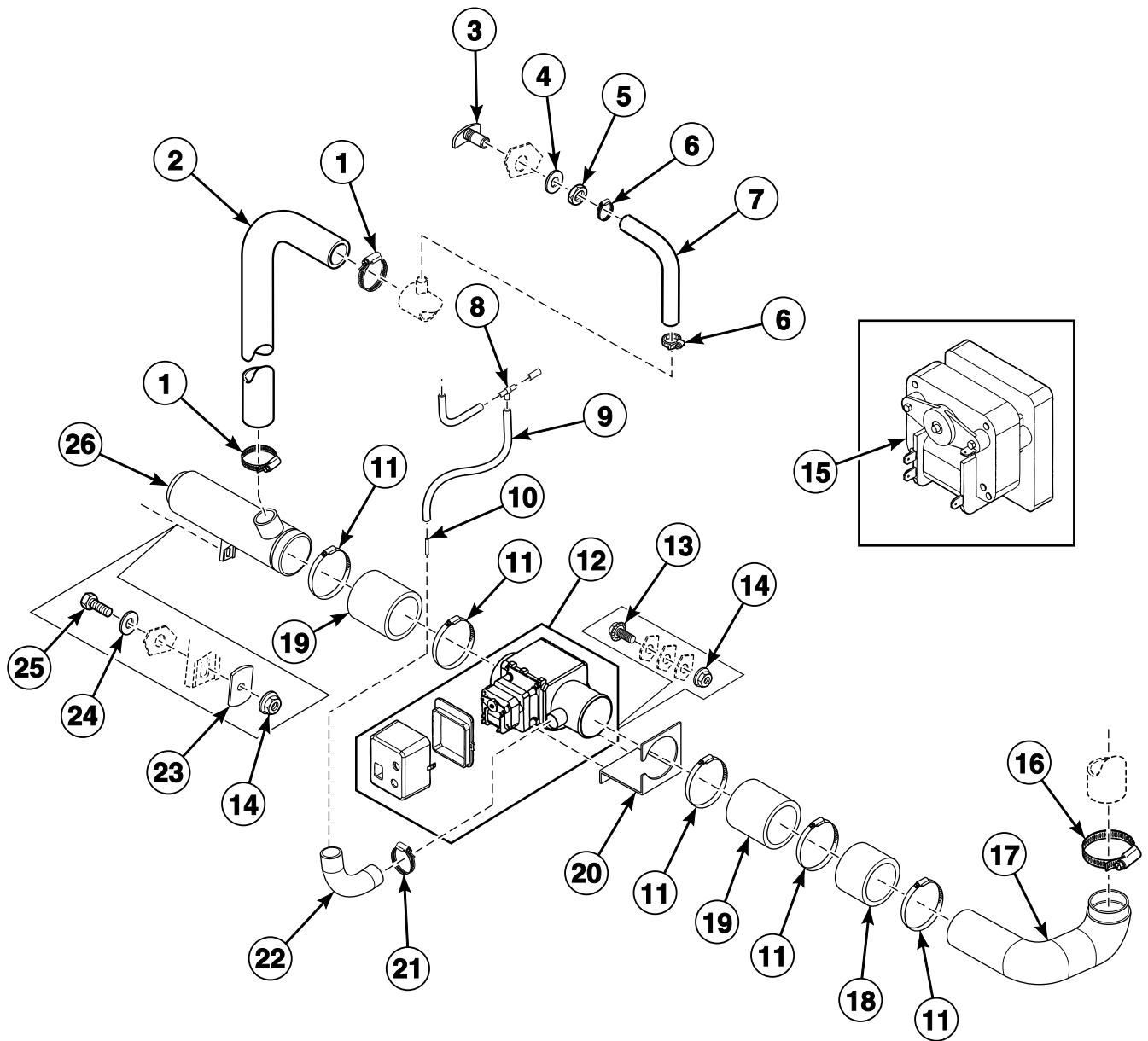


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Drain Plumbing with 2-Inch Drain Valve Starting 8/12/10

REF	PART NO.	DESCRIPTION	COMMENTS
1	223/00014/00	Hose Clamp	
2	223/00210/00	Pressure Switch Elbow	
3	223/00013/00	Hose Clamp	
4	223/00173/10	Pressure Switch Hose Tee	
5	B12700018	Pressure Hose	
6	225/10167/00	Program Indicator	
7	223/00011/00	Hose Clamp	
8	F200133600	Drain Valve Cover	
9	209/00463/00	Drain Valve	
10	223/00190/00	Drain Valve Hose	*33 and *150 models
	223/00303/00	Drain Valve Hose	*40 and *185 models
11	206/00101/00	Nut	
12	101/00007/00	Outlet Pipe Plate Assembly	
13	201/00007/00	Washer	
14	206/00033/00	Bolt	
15	223/00146/00	Drain Piece	
16	223/00150/00	Overflow Hose	
17	223/00001/04	Prewash and Mainwash Nozzle	
18	201/00002/00	Washer	
19	204/00201/00	Nut	
20	223/00010/00	Hose Clamp	
21	223/00044/00	Water Hose	

Drain Plumbing - *33 and *150 Models with 3-Inch Drain Valve

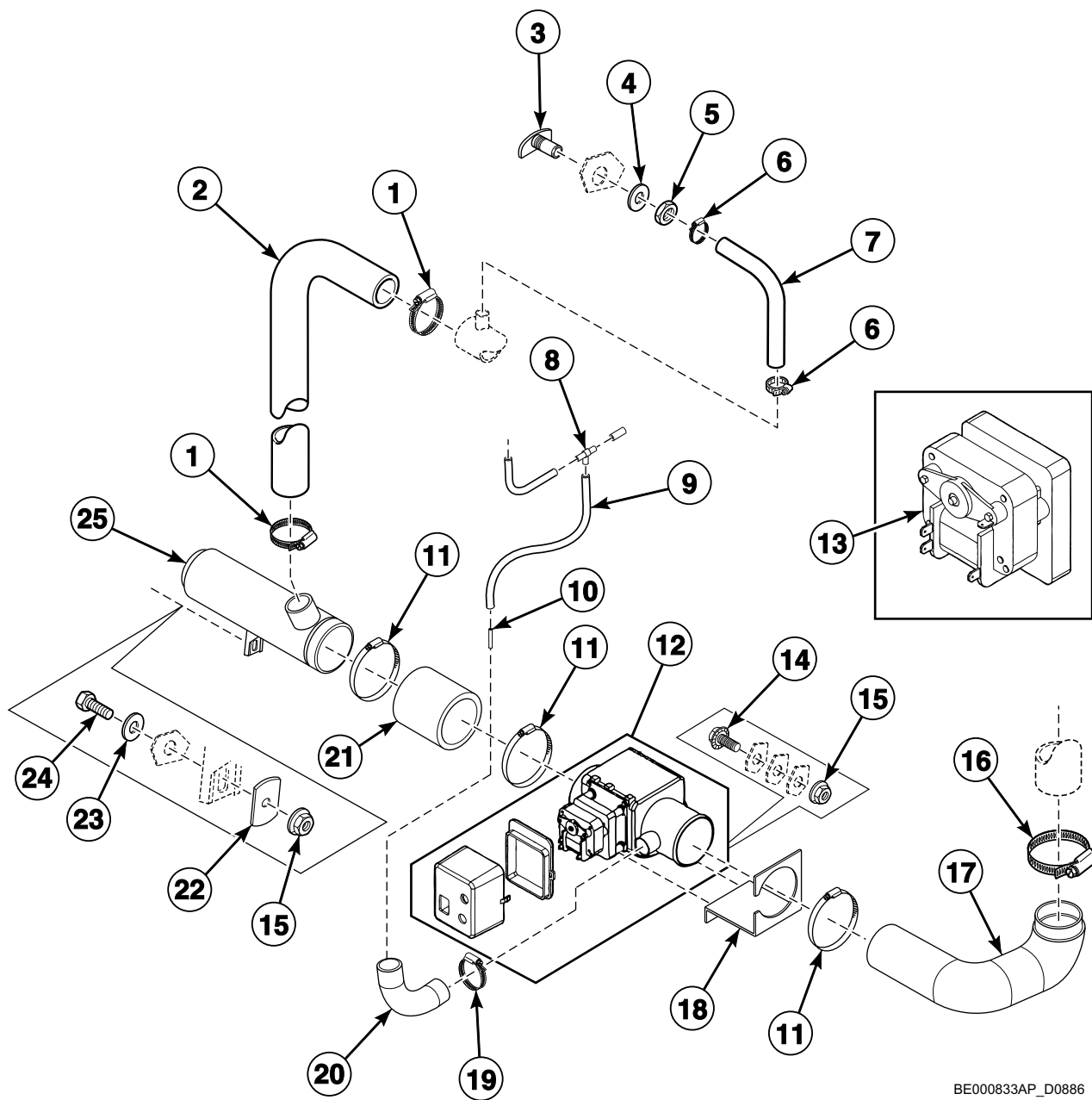


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Drain Plumbing - *33 and *150 Models with 3-Inch Drain Valve

REF	PART NO.	DESCRIPTION	COMMENTS
1	223/00013/00	Hose Clamp	
2	223/00150/00	Overflow Hose	
3	223/00001/04	Prewash and Mainwash Nozzle	
4	201/00002/00	Washer	
5	204/00201/00	Nut	
6	223/00010/00	Hose Clamp	
7	223/00044/00	Water Hose	
8	223/00173/10	Pressure Switch Hose Tee	
9	B12700018	Pressure Hose	
10	223/00016/00	Hose Barb	
11	223/00071/00	Hose Clamp	
12	F8546501	Drain Valve	
13	206/00099/00	Bolt	
14	206/00101/00	Nut	
15	209/00644/11	Motor	
16	223/00014/00	Hose Clamp	
17	223/00072/00	Drain Hose	
18	153/00028/00	Tube	
19	223/00263/00	Siphon Break Dispenser Hose	
20	114/00010/00	Drain Valve Plate Assembly	
21	223/00011/00	Hose Clamp	
22	223/00210/00	Pressure Switch Elbow	
23	101/00007/00	Outlet Pipe Plate Assembly	
24	201/00007/00	Washer	
25	206/00033/00	Bolt	
26	223/00106/00	Drain Pipe	

Drain Plumbing - *40 and *185 Models with 3-Inch Drain Valve

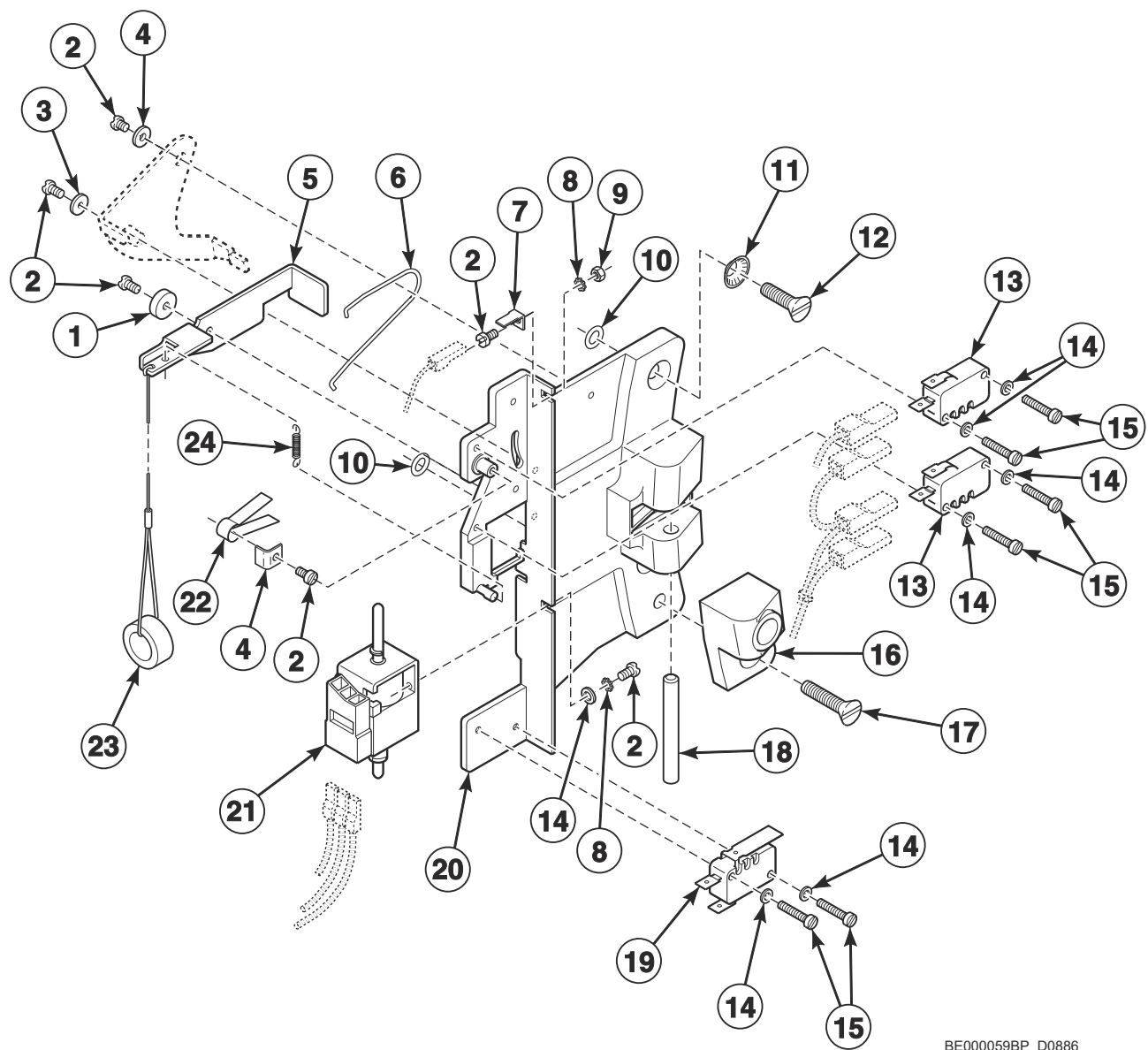


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Drain Plumbing - *40 and *185 Models with 3-Inch Drain Valve

REF	PART NO.	DESCRIPTION	COMMENTS
1	223/00013/00	Hose Clamp	
2	223/00150/00	Overflow Hose	
3	223/00001/04	Prewash and Mainwash Nozzle	
4	201/00002/00	Washer	
5	204/00201/00	Nut	
6	223/00010/00	Hose Clamp	
7	223/00044/00	Water Hose	
8	223/00173/10	Pressure Switch Hose Tee	
9	B12700018	Pressure Hose	
10	223/00016/00	Hose Barb	
11	223/00071/00	Hose Clamp	
12	F8546501	Drain Valve	
13	209/00644/11	Motor	
14	206/00099/00	Bolt	
15	206/00101/00	Nut	
16	223/00014/00	Hose Clamp	
17	223/00072/00	Drain Hose	
18	114/00010/00	Drain Valve Plate Assembly	
19	223/00011/00	Hose Clamp	
20	223/00210/00	Pressure Switch Elbow	
21	223/00263/00	Siphon Break Dispenser Hose	
22	101/00007/00	Outlet Pipe Plate Assembly	
23	201/00007/00	Washer	
24	206/00033/00	Bolt	
25	223/00106/00	Drain Pipe	

Door Lock

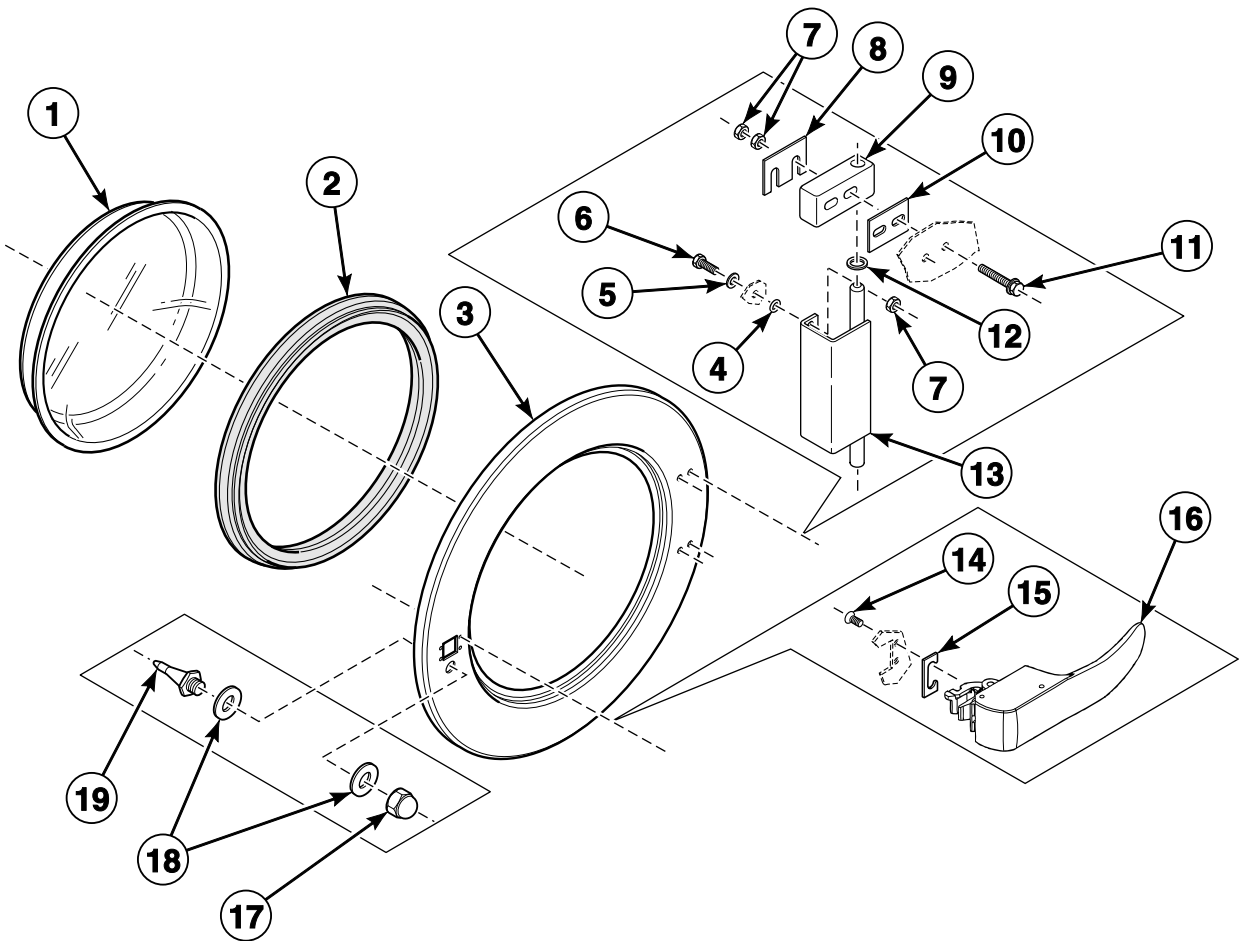


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Door Lock

REF	PART NO.	DESCRIPTION	COMMENTS
1	217/00052/03	Door Lock Spacer	
2	207/00135/00	Screw	
3	202/00124/00	Washer	
4	201/00017/00	Washer	
5	217/00052/04	Interlock Lever	
6	224/00040/00	Lever Spring	
7	210/10015/00	Ground Terminal	
8	203/00007/00	Washer	
9	204/00008/00	Nut	
10	217/00021/00	O-Ring	
11	203/00010/00	Washer	
12	207/00112/00	Screw	
13	209/00272/00	Door Lock Microswitch	
14	201/00018/00	Washer	
15	207/00009/00	Screw	
16	217/00052/11	Door Lock Bracket	
17	207/00102/00	Screw	
18	217/00017/03	Lock Shaft	
19	B12625101	Microswitch	
20	B12517701	Door Lock Assembly	
21	B12495102	Door Solenoid Assembly	
22	224/00049/00	Door Lock Spring	
23	217/00052/07	Door Release Wire	
24	224/00043/00	Interlock Coil Spring	

Door

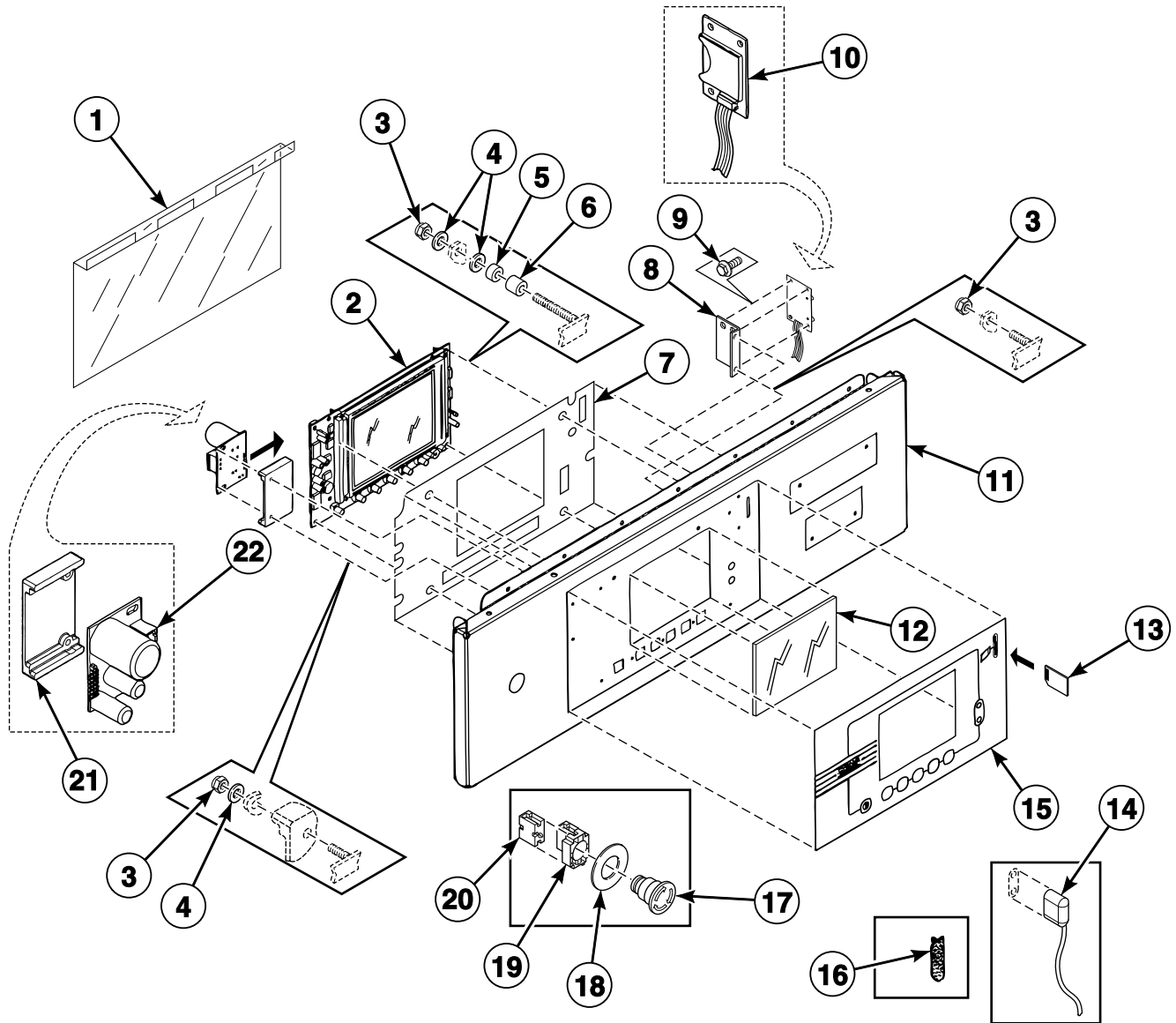


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Door

REF	PART NO.	DESCRIPTION	COMMENTS
1	B12449801	Door Glass	
2	223/00068/00	Door Glass Seal	
3	118/00125/00	Door	
4	217/00021/00	O-Ring	
5	202/00101/00	Washer	
6	205/00104/00	Bolt	
7	204/00106/00	Nut	
8	118/00121/00	Door Hinge Assembly Plate	
9	253/00022/00	Door Hinge Block	
10	118/00124/00	Door Hinge Spacer	2 mm
11	207/00126/00	Screw	
12	202/00104/00	Washer	
13	221/00004/00	Hinge	
14	B12500801	Screw	
15	217/00016/00	Door Handle Stop	
16	217/00059/00	Door Handle	Black
	217/00069/00	Door Handle	Gray; WFF models
17	204/00103/00	Nut	
18	202/00111/00	Washer	
19	211/00109/02	Door Lock Pin Kit	

Control Panel - Cygnus Professional

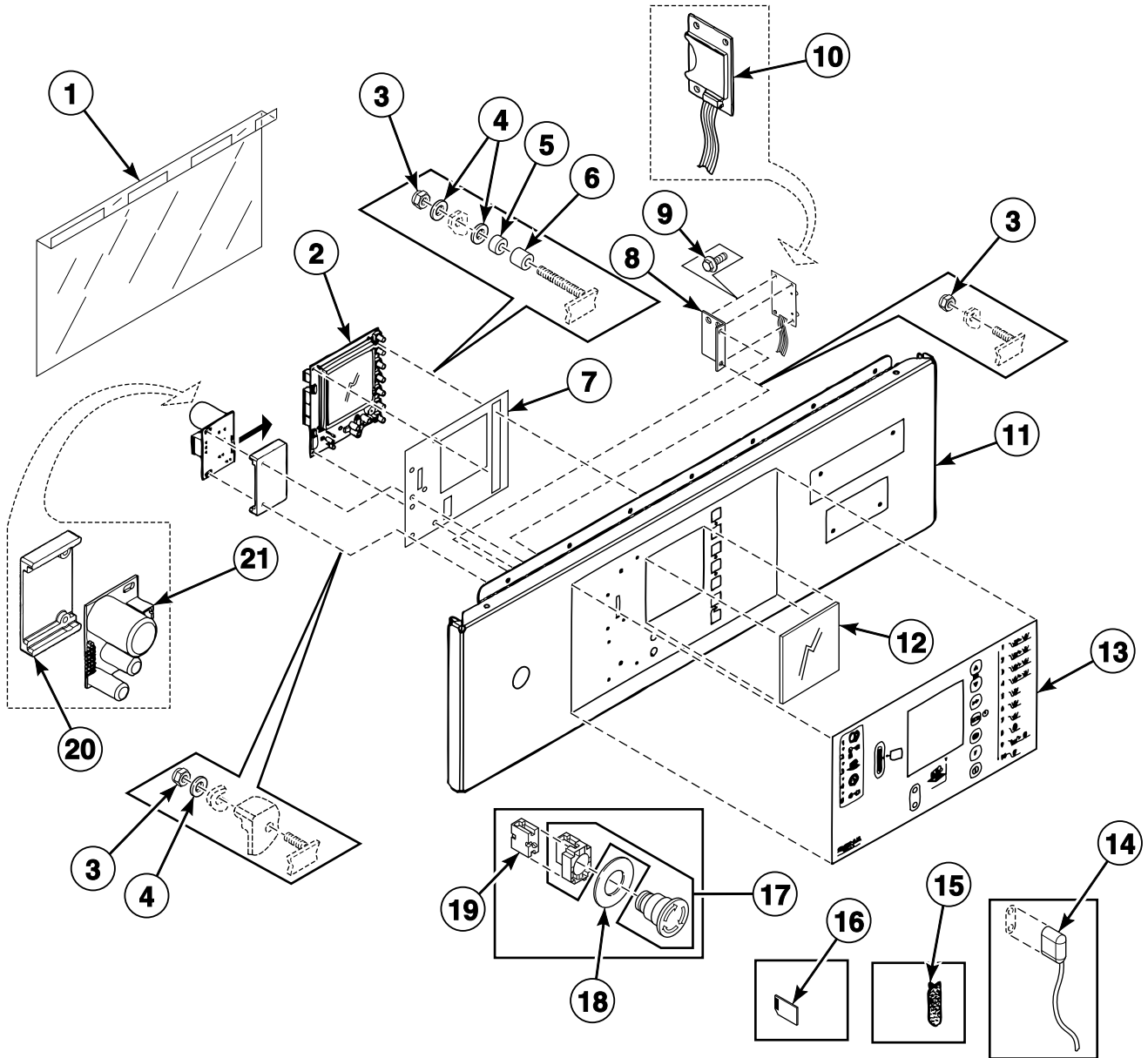


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Control Panel - Cygnus Professional

REF	PART NO.	DESCRIPTION	COMMENTS
1	229/00289/00	Circuit Board Cover	
2	209/02002/00	Display PC-Board	
3	204/00116/00	Nut	
4	223/00123/00	Washer	
5	211/00128/00	Printboard Separator	
6	211/00122/00	Standoff	
7	229/00268/00	Insulating Sticker	
8	111/01893/00	Printboard Support Card	
9	211/00145/00	Standoff	
10	B12305201	Memory Card PC-Board	Models prior to 4/5/11 require a firmware upgrade
	B12538301	Data Card Ribbon Assembly	
11	111/01845/00	Upper Front Panel	
12	225/00321/00	Plexi Frame	
13	209/02022/00	Datacard	
14	210/00901/00	Optic Cable	
15	225/10313/00	Operating Sticker	
16	223/00348/00	Datacard Cover	
17	44018801	Pushbutton	
18	209/00520/00	Telem Sticker	
19	209/00099/20	Emergency Switch Pushbutton	
20	44018901	Contact Block	
21	223/00374/00	Mounting Plate	
22	209/02010/00	Door Lock PC-Board	

Control Panel - Cygnus Premium OPL

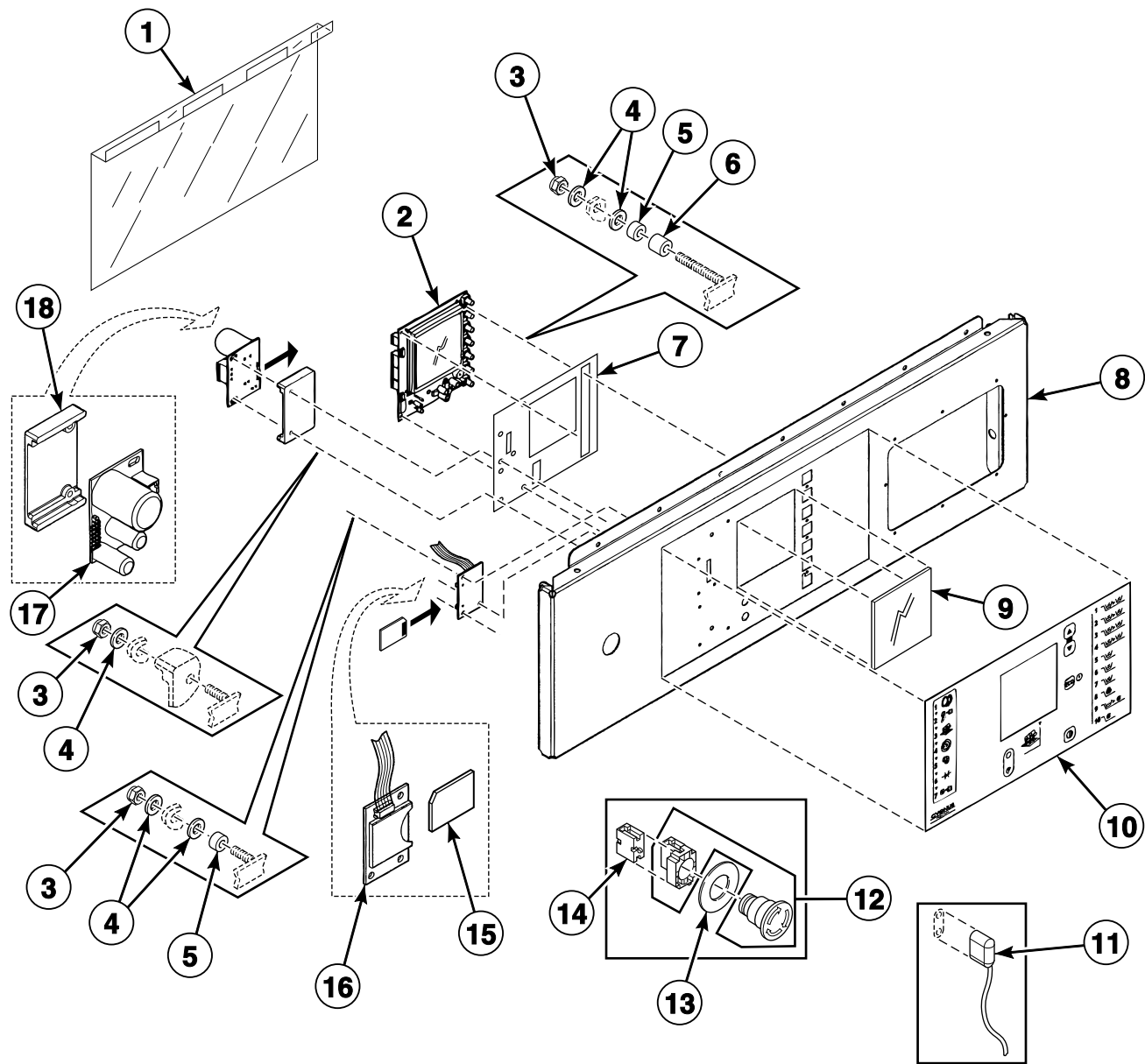


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Control Panel - Cygnus Premium OPL

REF	PART NO.	DESCRIPTION	COMMENTS
1	229/00289/00	Circuit Board Cover	
2	209/02015/02	Printboard	
3	204/00116/00	Nut	
4	223/00123/00	Washer	
5	211/00128/00	Printboard Separator	
6	211/00122/00	Standoff	
7	229/00291/00	Insulating Sticker	
8	111/01893/00	Printboard Support Card	
9	211/00145/00	Standoff	
10	B12305201	Memory Card PC-Board	Models prior to 4/5/11 require a firmware upgrade
	B12538301	Data Card Ribbon Assembly	
11	111/01902/00	Operating Panel	
12	225/00323/00	Plexi Frame	
13	225/10404/00	Operating Sticker	With DataFlash card opening
	225/10427/00	Operating Sticker	Without DataFlash card opening
14	210/00901/00	Optic Cable	
15	223/00348/00	Datacard Cover	
16	209/02022/00	Datacard	
17	209/00099/20	Emergency Switch Pushbutton	
18	209/00520/00	Telem Sticker	
19	44018901	Contact Block	
20	223/00374/00	Mounting Plate	
21	209/02010/00	Door Lock PC-Board	

**Control Panel - Cygnus Premium OPL with
Frontal Supply Dispenser**

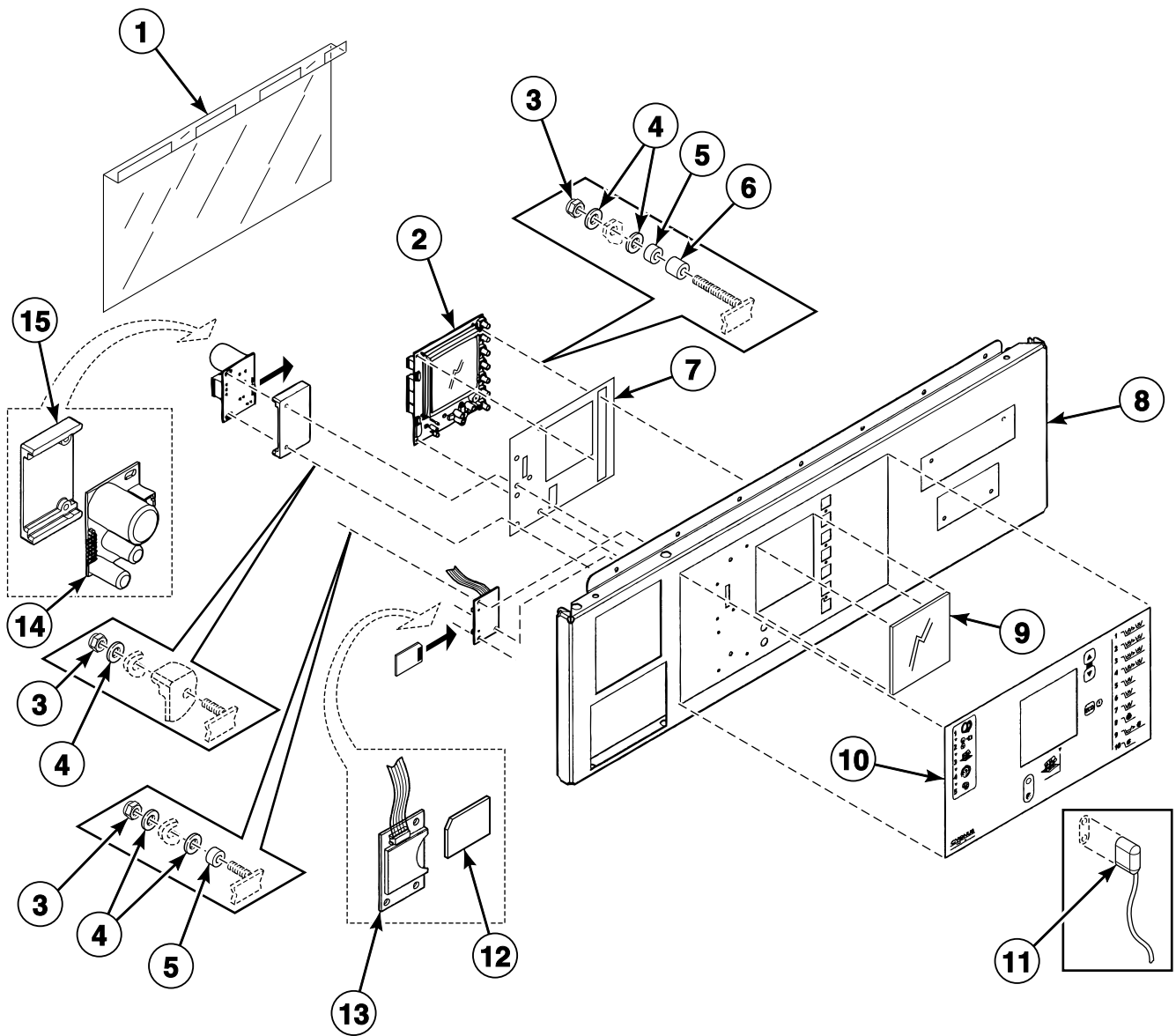


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Control Panel - Cygnus Premium OPL with Frontal Supply Dispenser

REF	PART NO.	DESCRIPTION	COMMENTS
1	229/00289/00	Circuit Board Cover	
2	209/02015/02	Printboard	
3	204/00116/00	Nut	
4	223/00123/00	Washer	
5	211/00128/00	Printboard Separator	
6	211/00122/00	Standoff	
7	229/00291/00	Insulating Sticker	
8	111/01906/00	Operating Panel	
9	225/00323/00	Plexi Frame	
10	225/10404/00	Operating Sticker	With DataFlash card opening
	225/10427/00	Operating Sticker	Without DataFlash card opening
11	210/00901/00	Optic Cable	
12	209/00099/20	Emergency Switch Pushbutton	
13	209/00520/00	Telem Sticker	
14	44018901	Contact Block	
15	209/02022/00	Datacard	
16	B12305201	Memory Card PC-Board	Models prior to 4/5/11 require a firmware upgrade
	B12538301	Data Card Ribbon Assembly	
17	209/02010/00	Door Lock PC-Board	
18	223/00374/00	Mounting Plate	

Control Panel - Cygnus Premium Coin

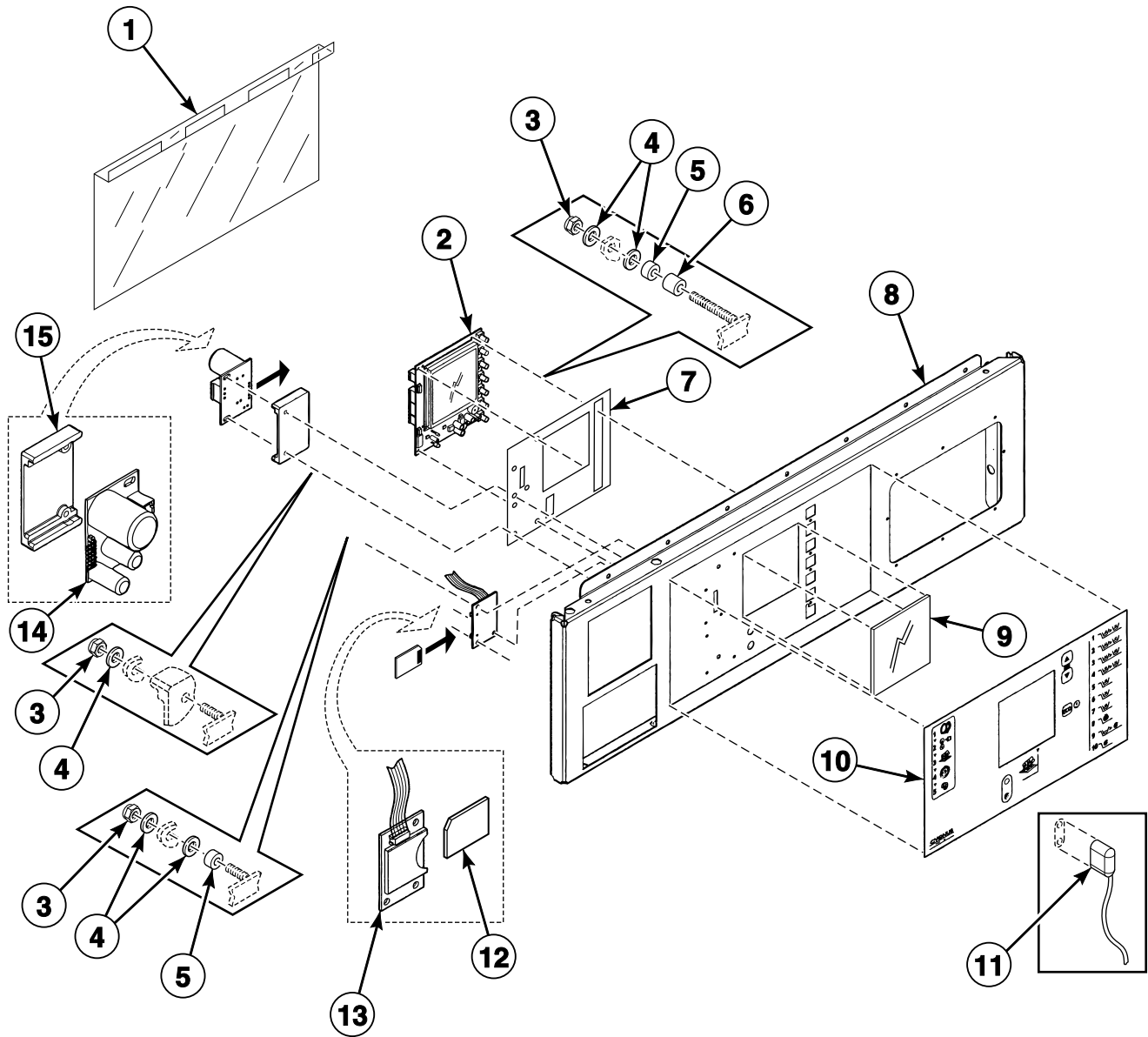


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Control Panel - Cygnus Premium Coin

REF	PART NO.	DESCRIPTION	COMMENTS
1	229/00289/00	Circuit Board Cover	
2	209/02015/02	Printboard	
3	204/00116/00	Nut	
4	223/00123/00	Washer	
5	211/00128/00	Printboard Separator	
6	211/00122/00	Standoff	
7	229/00291/00	Insulating Sticker	
8	111/01903/00	Operating Panel	
9	225/00323/00	Plexi Frame	
10	225/10405/00	Operating Sticker	With ECO
	225/10477/00	Operating Sticker	Without ECO
11	210/00901/00	Optic Cable	
12	209/02022/00	Datacard	
13	B12305201	Memory Card PC-Board	Models prior to 4/5/11 require a firmware upgrade
	B12538301	Data Card Ribbon Assembly	
14	209/02010/00	Door Lock PC-Board	
15	223/00374/00	Mounting Plate	

Control Panel - Cygnus Premium Coin with Frontal Supply Dispenser

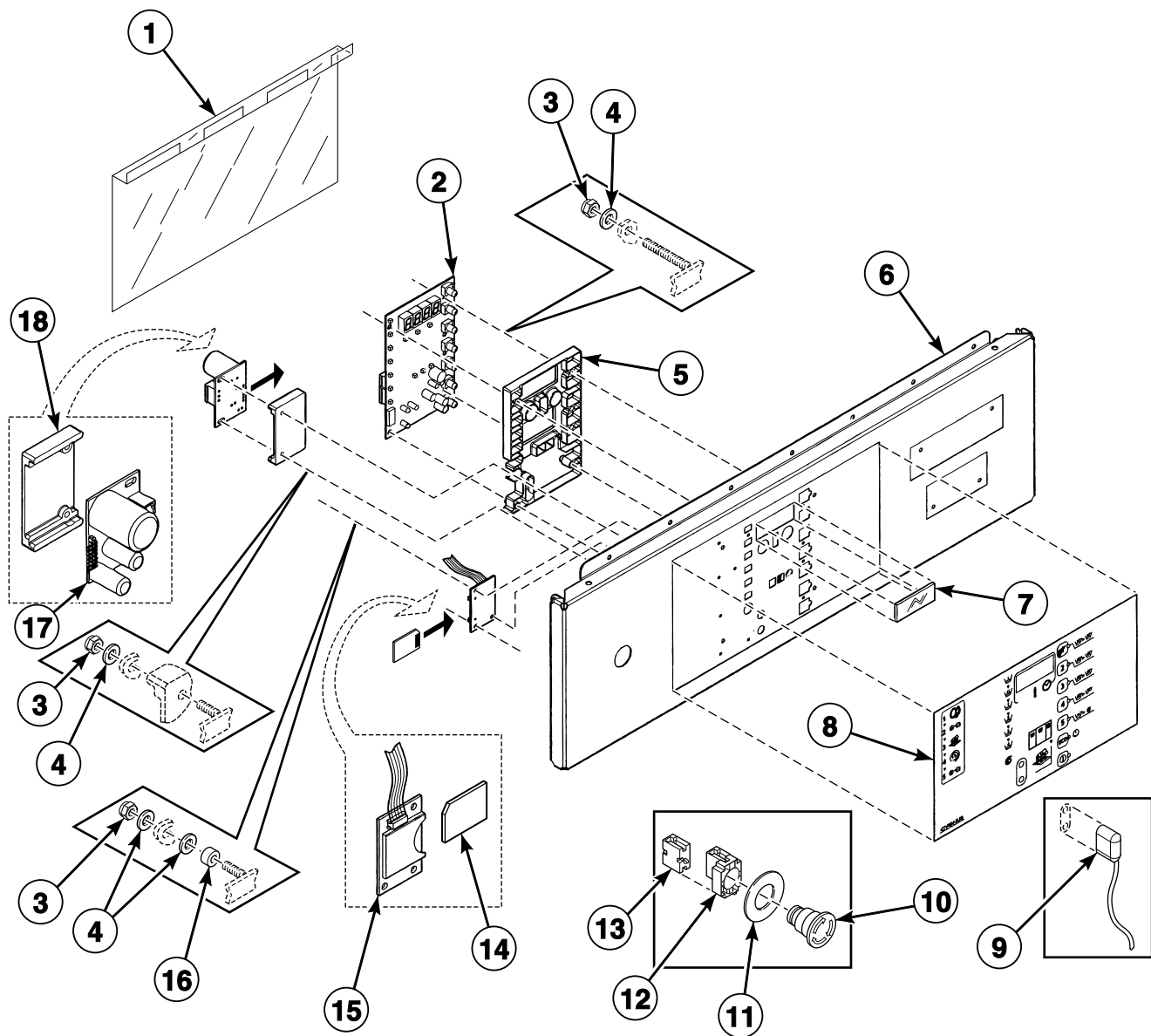


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Control Panel - Cygnus Premium Coin with Frontal Supply Dispenser

REF	PART NO.	DESCRIPTION	COMMENTS
1	229/00289/00	Circuit Board Cover	
2	209/02015/02	Printboard	
3	204/00116/00	Nut	
4	223/00123/00	Washer	
5	211/00128/00	Printboard Separator	
6	211/00122/00	Standoff	
7	229/00291/00	Insulating Sticker	
8	111/01907/00	Operating Panel	
9	225/00323/00	Plexi Frame	
10	225/10403/00	Operating Sticker	
11	210/00901/00	Optic Cable	
12	209/02022/00	Datacard	
13	B12305201	Memory Card PC-Board	Models prior to 4/5/11 require a firmware upgrade
	B12538301	Data Card Ribbon Assembly	
14	209/02010/00	Door Lock PC-Board	
15	223/00374/00	Mounting Plate	

Control Panel - Cygnus Standard/Commercial OPL

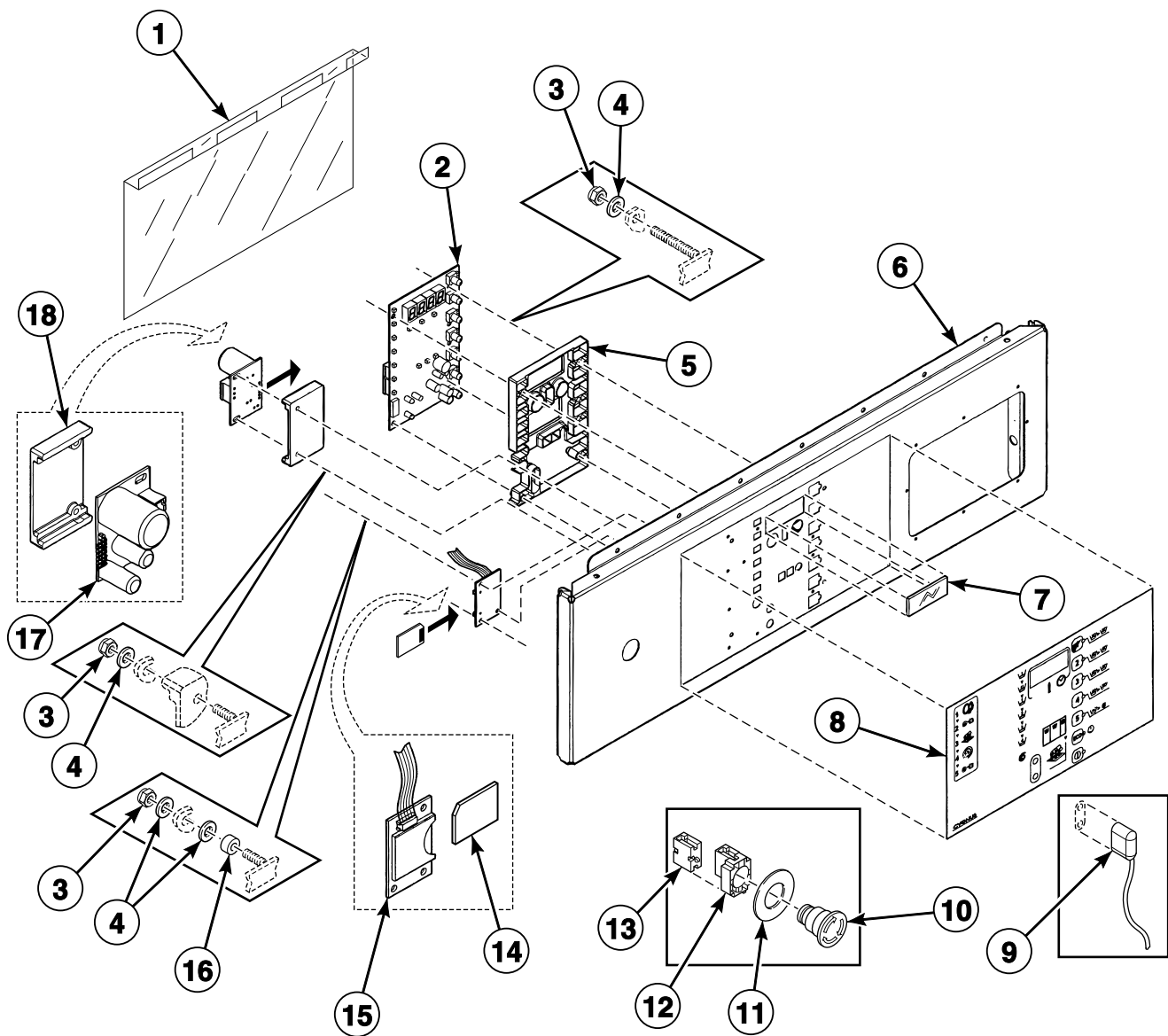


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Control Panel - Cygnus Standard/Commercial OPL

REF	PART NO.	DESCRIPTION	COMMENTS
1	229/00289/00	Circuit Board Cover	
2	209/02001/02	Printboard	
3	204/00116/00	Nut	
4	223/00123/00	Washer	
5	223/00330/00	Protection LED	
6	111/01828/00	Operating Panel	
7	225/00322/00	Plexi Frame	
8	225/10307/00	Operating Sticker	Models WFF150_CYGNUS-STANDARD_OPL, WFF185_CYGNUS-STANDARD_OPL, WF150_CYGNUS-STANDARD_OPL and WF185_CYGNUS-STANDARD_OPL
	225/10308/00	Operating Sticker	Models WFF150_CYGNUS-COMM_OPL, WFF185_CYGNUS-COMM_OPL, WF150_CYGNUS-COMM_OPL and WF185_CYGNUS-COMM_OPL
9	210/00901/00	Optic Cable	
10	44018801	Pushbutton	
11	209/00520/00	Telem Sticker	
12	209/00099/20	Emergency Switch Pushbutton	
13	44018901	Contact Block	
14	209/02022/00	Datacard	
15	B12305201	Memory Card PC-Board	Models prior to 4/5/11 require a firmware upgrade
	B12538301	Data Card Ribbon Assembly	
16	211/00128/00	Printboard Separator	
17	209/02010/00	Door Lock PC-Board	
18	223/00374/00	Mounting Plate	

Control Panel - Cygnus Standard/Commercial OPL with Frontal Supply Dispenser

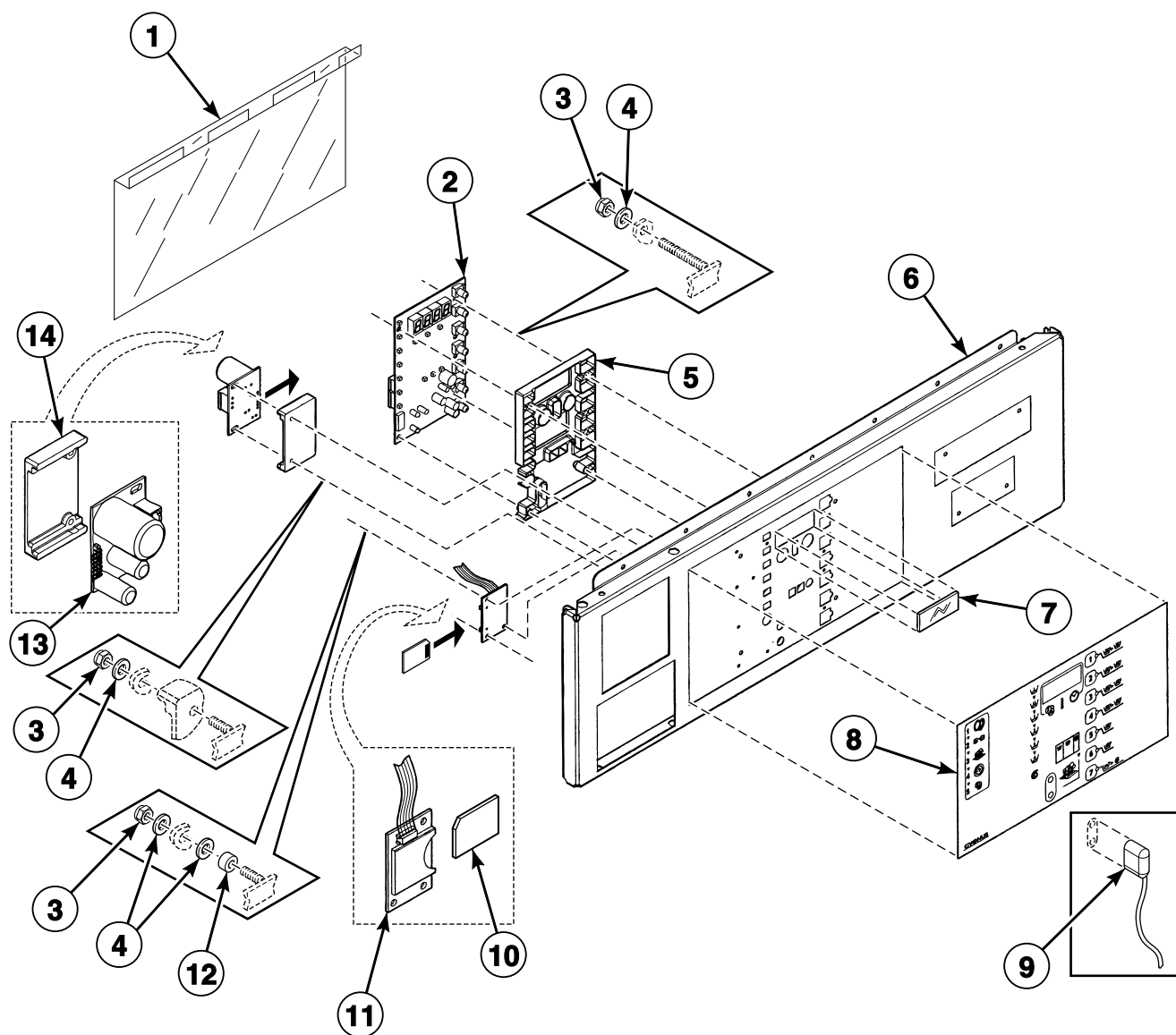


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Control Panel - Cygnus Standard/Commercial OPL with Frontal Supply Dispenser

REF	PART NO.	DESCRIPTION	COMMENTS
1	229/00289/00	Circuit Board Cover	
2	209/02001/02	Printboard	
3	204/00116/00	Nut	
4	223/00123/00	Washer	
5	223/00330/00	Protection LED	
6	111/01829/00	Operating Panel	
7	225/00322/00	Plexi Frame	
8	225/10307/00	Operating Sticker	Models WFF150_CYGNUS-STANDARD_OPL, WFF185_CYGNUS-STANDARD_OPL, WF150_CYGNUS-STANDARD_OPL and WF185_CYGNUS-STANDARD_OPL
	225/10308/00	Operating Sticker	Models WFF150_CYGNUS-COMM_OPL, WFF185_CYGNUS-COMM_OPL, WF150_CYGNUS-COMM_OPL and WF185_CYGNUS-COMM_OPL
9	210/00901/00	Optic Cable	
10	44018801	Pushbutton	
11	209/00520/00	Telem Sticker	
12	209/00099/20	Emergency Switch Pushbutton	
13	44018901	Contact Block	
14	209/02022/00	Datacard	
15	B12305201	Memory Card PC-Board	Models prior to 4/5/11 require a firmware upgrade
	B12538301	Data Card Ribbon Assembly	
16	211/00128/00	Printboard Separator	
17	209/02010/00	Door Lock PC-Board	
18	223/00374/00	Mounting Plate	

Control Panel - Cygnus Standard/Commercial Coin

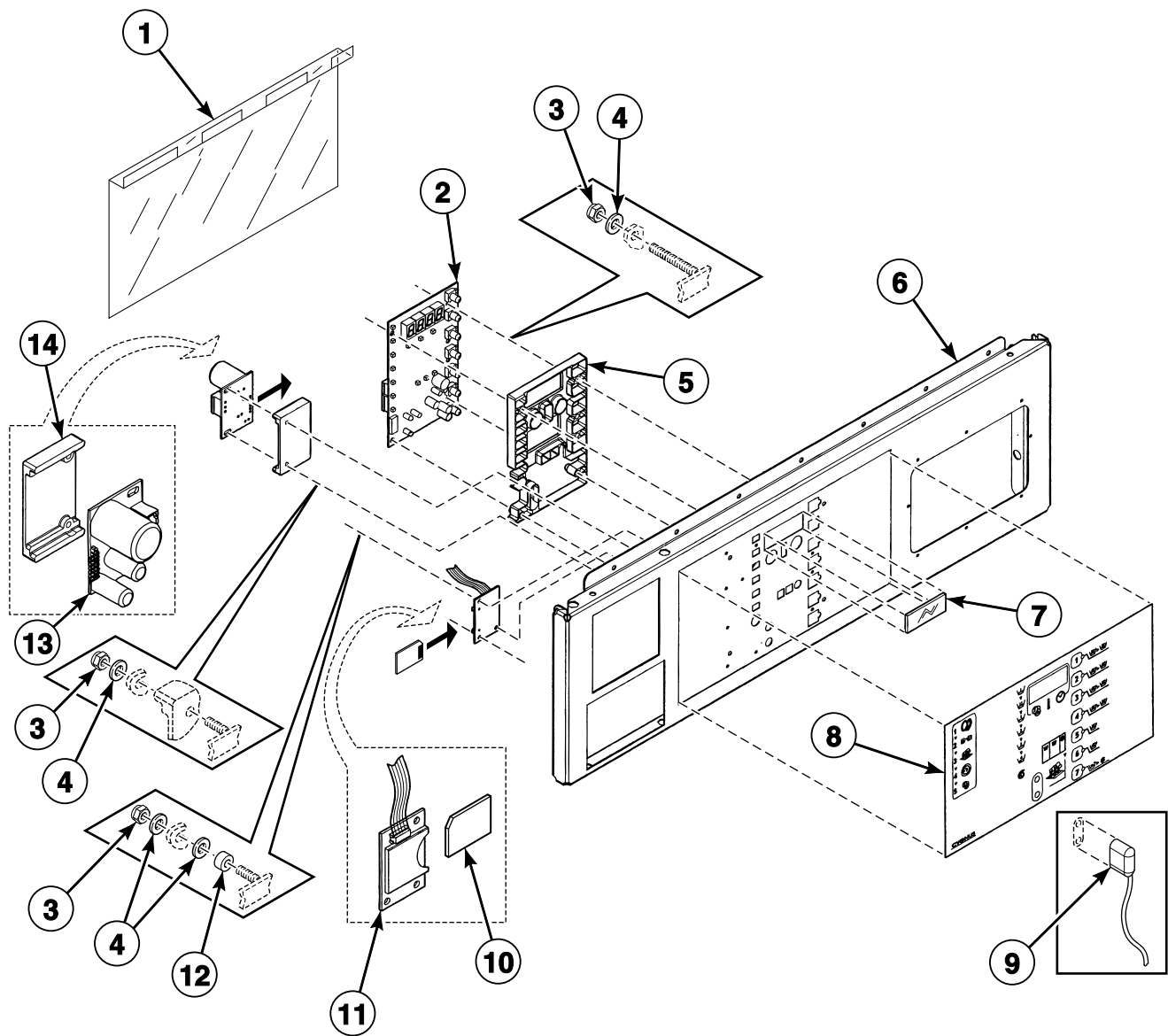


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Control Panel - Cygnus Standard/Commercial Coin

REF	PART NO.	DESCRIPTION	COMMENTS
1	229/00289/00	Circuit Board Cover	
2	209/02001/02	Printboard	
3	204/00116/00	Nut	
4	223/00123/00	Washer	
5	223/00330/00	Protection LED	
6	111/01819/00	Operating Panel	
7	225/00322/00	Plexi Frame	
8	225/10309/00	Operating Sticker	Models WFF150_CYGNUS-STANDARD_COIN, WFF185_CYGNUS-STANDARD_COIN, WF150_CYGNUS-STANDARD_COIN and WF185_CYGNUS-STANDARD_COIN
	225/10310/00	Operating Sticker	Models WFF150_CYGNUS-COMM_COIN, WFF185_CYGNUS-COMM_COIN, WF150_CYGNUS-COMM_COIN and WF185_CYGNUS-COMM_COIN
9	210/00901/00	Optic Cable	
10	B12305201	Memory Card PC-Board	Models prior to 4/5/11 require a firmware upgrade
	B12538301	Data Card Ribbon Assembly	
11	209/02022/00	Datacard	
12	211/00128/00	Printboard Separator	
13	209/02010/00	Door Lock PC-Board	
14	223/00374/00	Mounting Plate	

Control Panel - Cygnus Standard/Commercial Coin with Frontal Supply Dispenser

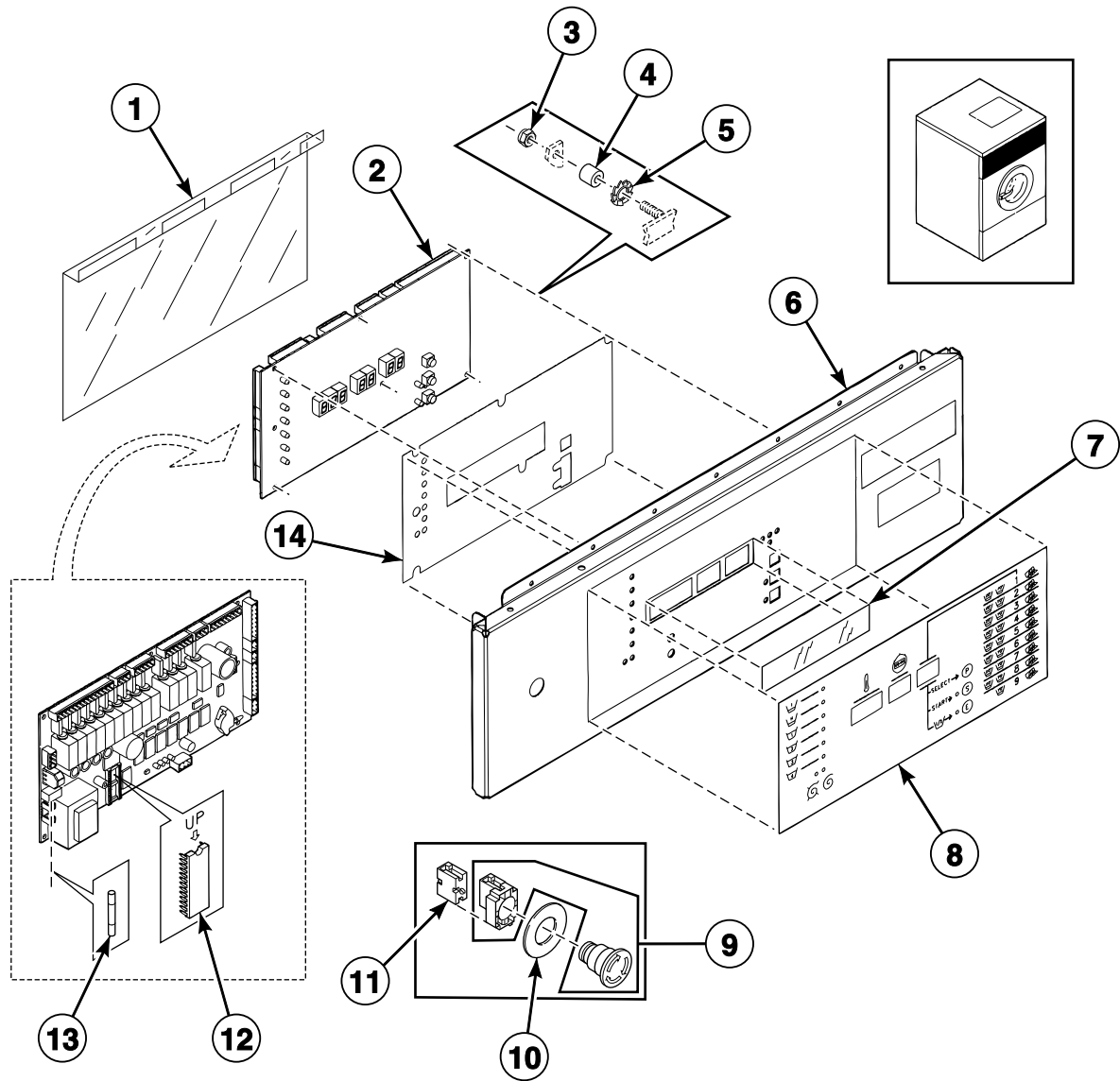


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Control Panel - Cygnus Standard/Commercial Coin with Frontal Supply Dispenser

REF	PART NO.	DESCRIPTION	COMMENTS
1	229/00289/00	Circuit Board Cover	
2	209/02001/02	Printboard	
3	204/00116/00	Nut	
4	223/00123/00	Washer	
5	223/00330/00	Protection LED	
6	111/01829/00	Operating Panel	
7	225/00322/00	Plexi Frame	
8	225/10305/00	Operating Sticker	Models WFF150_CYGNUS-STANDARD_COIN, WFF185_CYGNUS-STANDARD_COIN, WF150_CYGNUS-STANDARD_COIN and WF185_CYGNUS-STANDARD_COIN
	225/10306/00	Operating Sticker	Models WFF150_CYGNUS-COMM_COIN, WFF185_CYGNUS-COMM_COIN, WF150_CYGNUS-COMM_COIN and WF185_CYGNUS-COMM_COIN
9	210/00901/00	Optic Cable	
10	209/02022/00	Datacard	
11	B12305201	Memory Card PC-Board	Models prior to 4/5/11 require a firmware upgrade
	B12538301	Data Card Ribbon Assembly	
12	211/00128/00	Printboard Separator	
13	209/02010/00	Door Lock PC-Board	
14	223/00374/00	Mounting Plate	

Control Panel - Micro-20 OPL

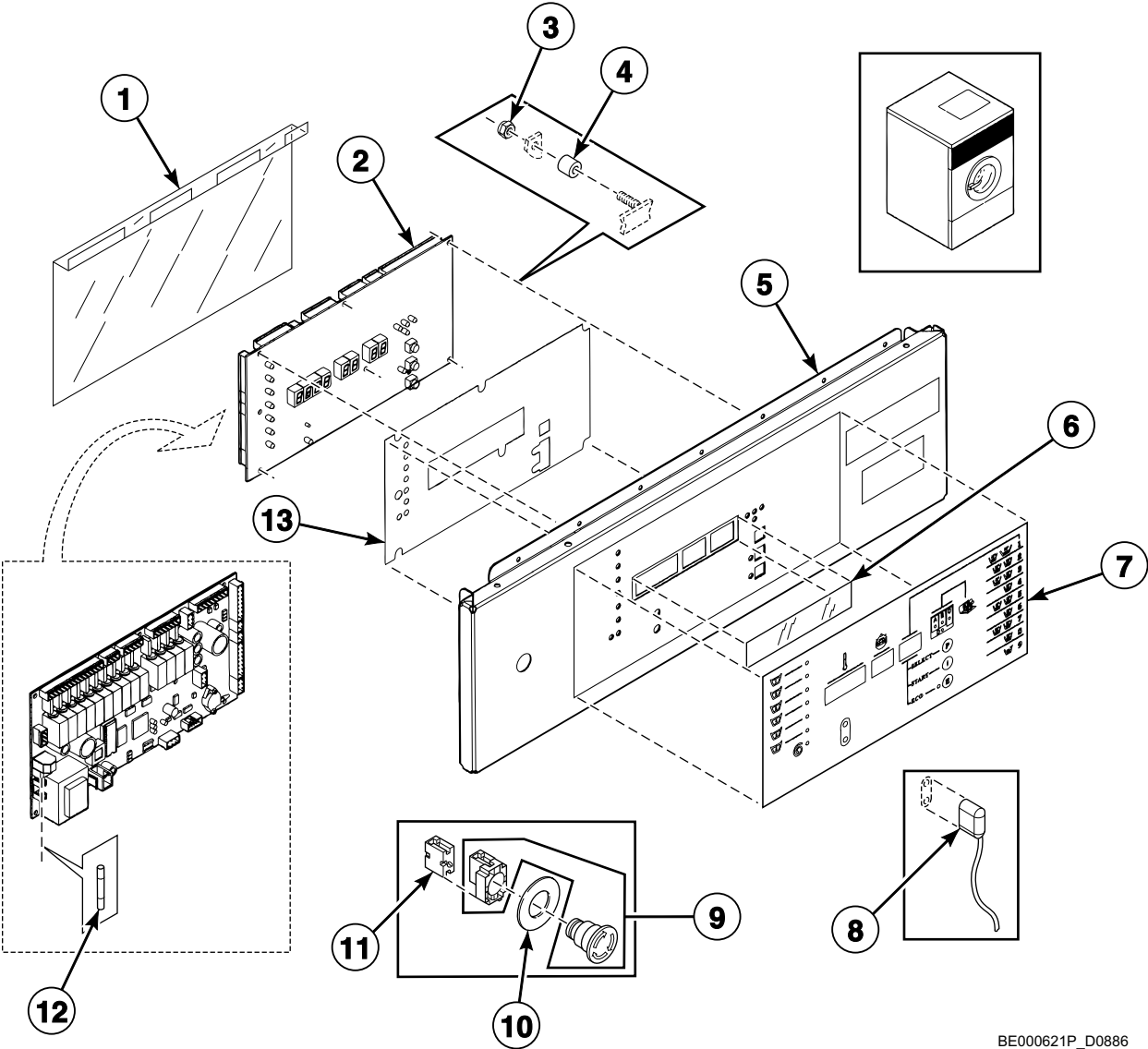


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Control Panel - Micro-20 OPL

REF	PART NO.	DESCRIPTION	COMMENTS
1	229/00289/00	Circuit Board Cover	
2	209/00440/70	Printboard	220 Volt
	209/00440/80	Printboard	115 Volt
3	204/00116/00	Nut	
4	211/00122/00	Standoff	
5	203/00006/00	Washer	
6	111/01816/00	Upper Front Panel	
	111/01799/00	Upper Front Panel	Models WFF150_MICRO-20_OPL, WFF185_MICRO-20_OPL, WF150_MICRO-20_OPL and WF185_MICRO-20_OPL
7	225/00316/00	Plexi Frame	
8	225/00407/00	Keypad Sticker	
9	44018801	Pushbutton	
10	209/00520/00	Telem Sticker	
11	44018901	Contact Block	
12	209/00266/01	Eprom	
13	209/00439/00	Fuse	500 mA
14	229/00255/00	Insulating Sticker	

Control Panel - Sigma OPL

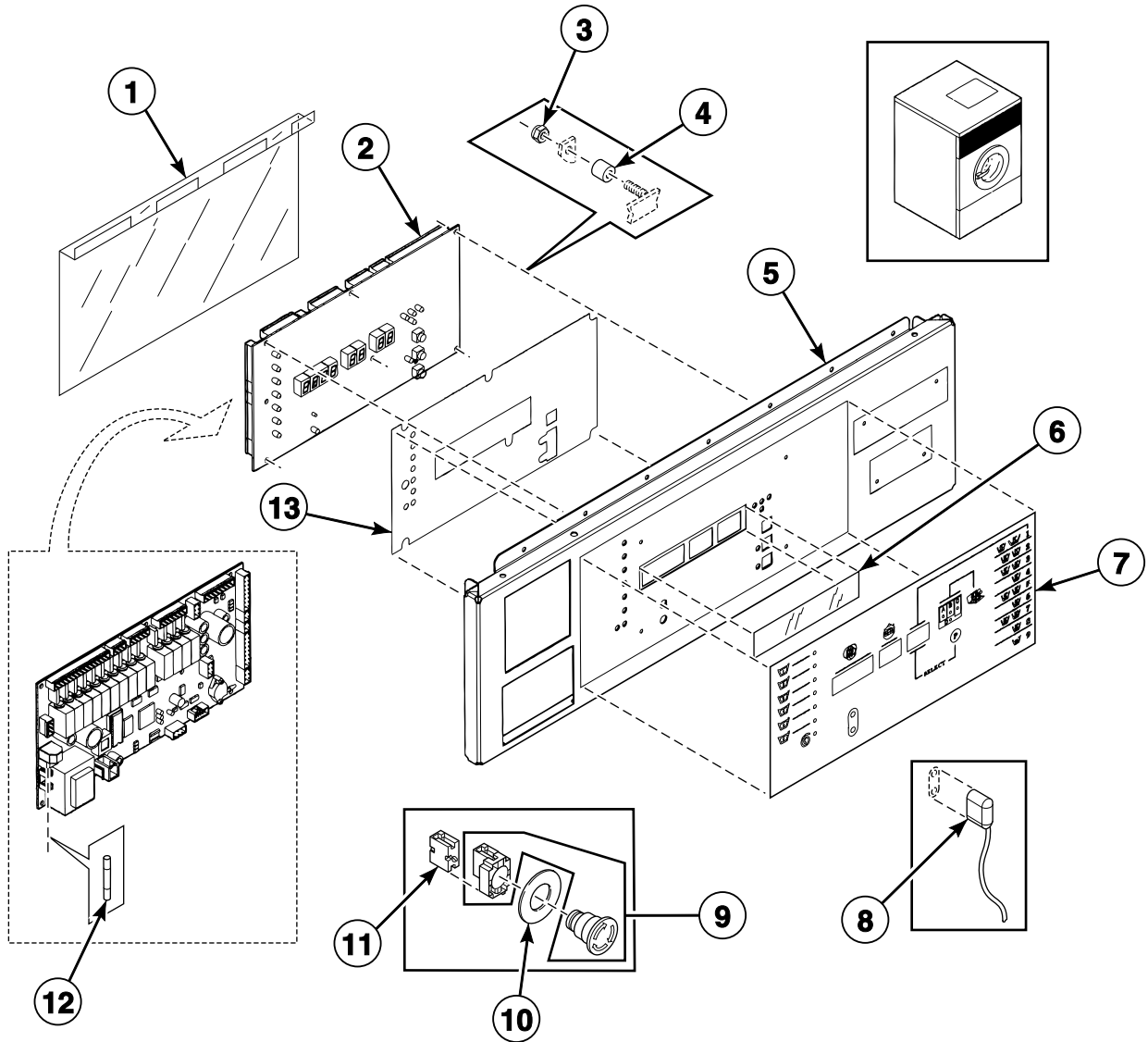


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Control Panel - Sigma OPL

REF	PART NO.	DESCRIPTION	COMMENTS
1	229/00262/00	Circuit Board Cover	
2	209/00547/00	Control Board	
3	204/00114/00	Nut	
4	211/00122/00	Standoff	
5	111/01816/00	Upper Front Panel	
6	225/00316/00	Plexi Frame	
7	225/00404/00	Operating Sticker	With ECO
	225/00405/00	Operating Sticker	Without ECO
8	210/00902/00	Infrared Cable	
9	44018801	Pushbutton	
10	209/00520/00	Telem Sticker	
11	44018901	Contact Block	
12	209/00439/00	Fuse	500 mA
13	229/00255/00	Insulating Sticker	

Control Panel - Micro-20 and Sigma Coin

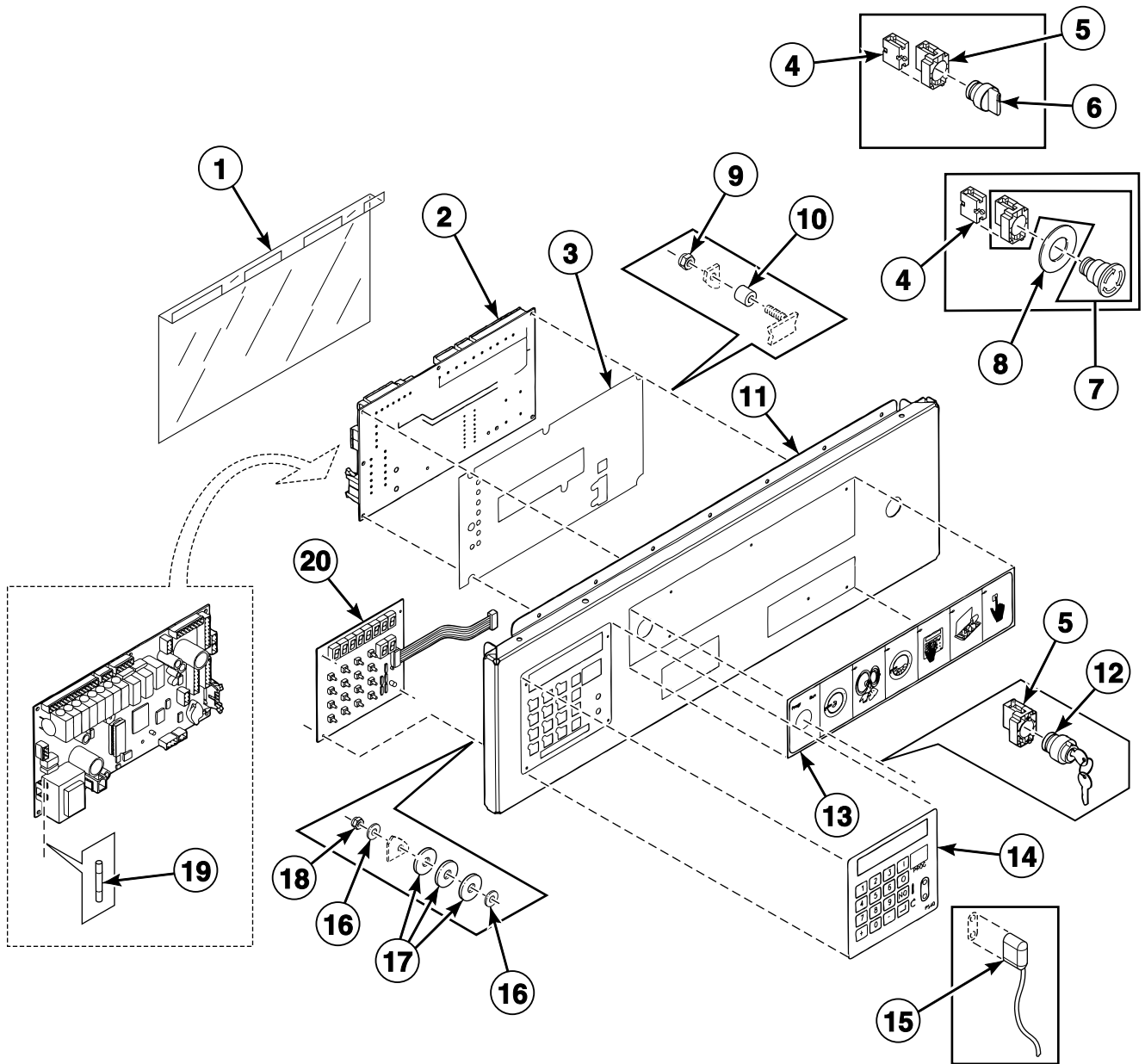


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Control Panel - Micro-20 and Sigma Coin

REF	PART NO.	DESCRIPTION	COMMENTS
1	229/00262/00	Circuit Board Cover	
2	209/00547/00	Control Board	Sigma control models
	209/00440/02	Printboard	Micro-20 control models; 115 Volt
	209/00440/00	Printboard	Micro-20 control models; 220 Volt; Individual terminals
	209/00440/70	Printboard	Micro-20 control models; 220 Volt; Phoenix connectors
3	204/00116/00	Nut	
4	211/00122/00	Standoff	
5	111/01811/01	Upper Front Panel	
6	225/00316/00	Plexi Frame	
7	225/00406/00	Operating Label	Micro-20 models
	225/00403/00	Decal	Sigma models
8	210/00902/00	Infrared Cable	
9	44018801	Pushbutton	
10	209/00520/00	Telem Sticker	
11	44018901	Contact Block	
12	209/00439/00	Fuse	500 mA
13	229/00255/00	Insulating Sticker	

Control Panel - PS40F

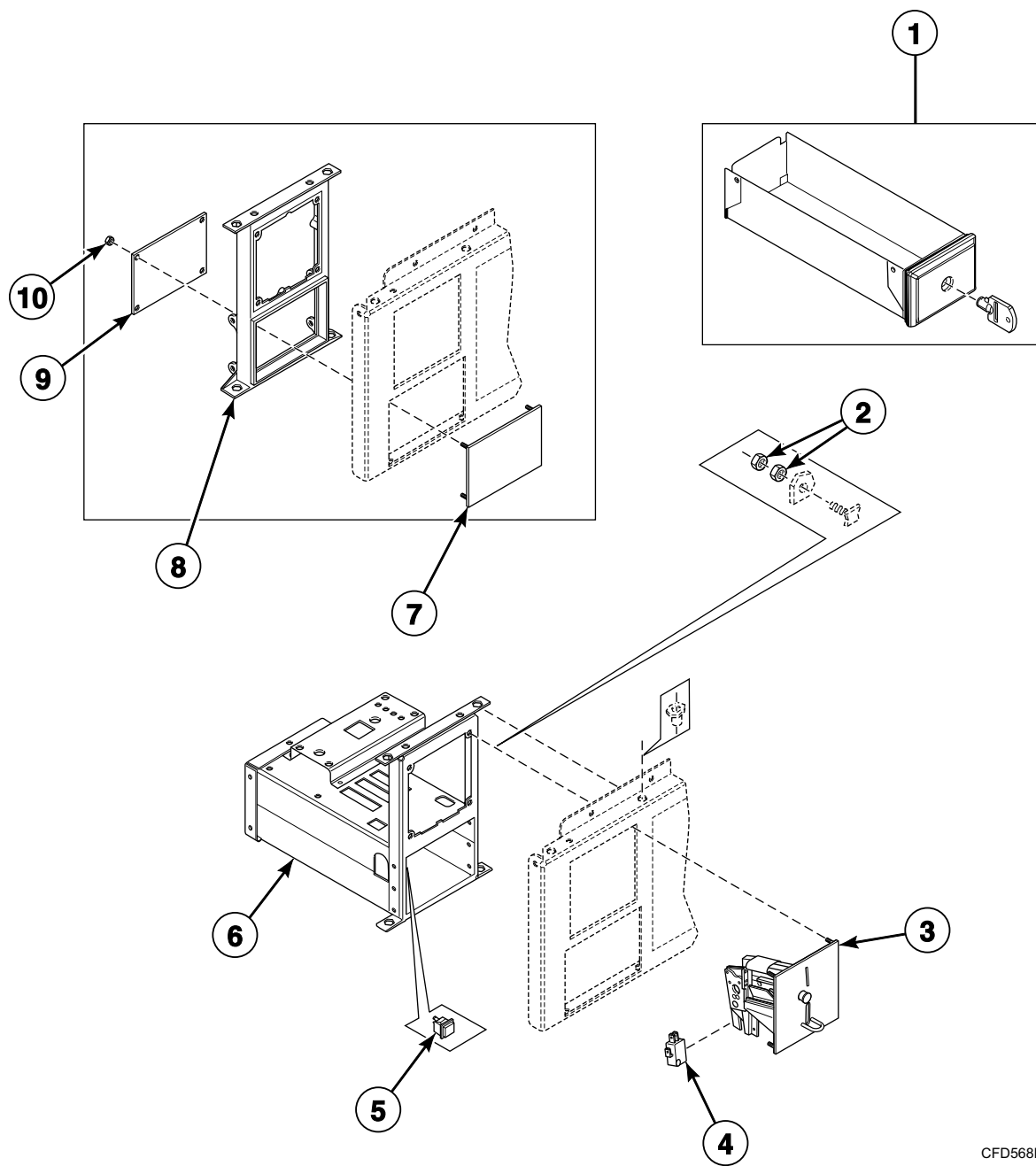


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Control Panel - PS40F

REF	PART NO.	DESCRIPTION	COMMENTS
1	229/00262/00	Circuit Board Cover	
2	B12351701	Main Board	
3	229/00255/00	Insulating Sticker	
4	44018901	Contact Block	
5	209/00099/25	Switch Base	
6	209/00099/29	Switch Knob	
7	44018801	Pushbutton	
8	209/00520/00	Telem Sticker	
9	204/00116/00	Nut	
10	211/00122/00	Standoff	
11	111/01850/00	Facia Panel	
12	209/00326/20	Programming Key Contact Switch	
13	225/00400/00	Operating Sticker	
14	225/00397/00	Label	
15	210/00902/00	Infrared Cable	
16	223/00123/00	Washer	
17	223/00051/10	Washer	
18	204/00116/00	Nut	
19	209/00372/01	Fuse	125 mA
20	209/00552/01	Keypad	

Coin Drop - Mechanical Coin Meter with Microswitch



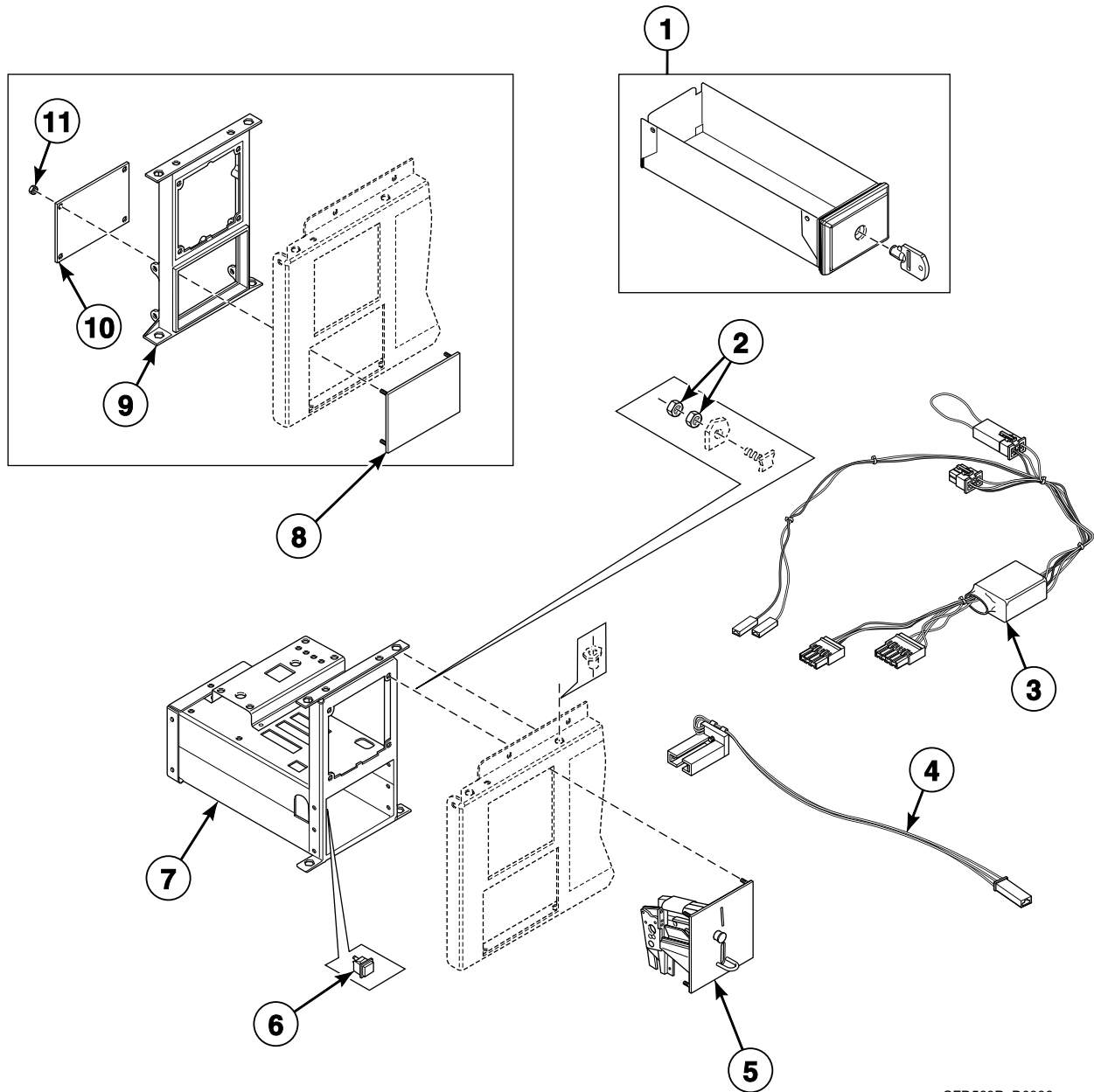
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Coin Drop - Mechanical Coin Meter with Microswitch

REF	PART NO.	DESCRIPTION	COMMENTS
	B12388101	Single Drop Optical Sensor Kit	Includes items 3 and 4
	B12388102	Dual Drop Optical Sensor Kit	Includes items 3 and 4
1	254/00077/00	Coin Box	
	254/00077/02	Key	
2	204/00008/00	Nut	
3	B12311224	Coin Drop	Jeton 5K; **
	B12311206	Coin Drop	Jeton 7K; **
	B12311201	Coin Drop	Jeton 10K; **
	B12311210	Coin Drop	Jeton 12K; **
	B12311252	Coin Drop	Jeton 10K and .5 euro; **
	B12311211	Coin Drop	Jeton 7K and 1 euro; **
	B12323901	Coin Drop	Jeton 15K and 7K; **
	B12311204	Coin Drop	Jeton gettone; **
	B12311234	Coin Drop	Jeton crouzet; **
	B12311247	Coin Drop	Jeton 118-1; **
	B12311248	Coin Drop	Jeton 118-5; **
	B12311222	Coin Drop	1 euro; **
	B12311214	Coin Drop	.5 euro; **
	B12311202	Coin Drop	.5 and 1 euro; **
	B12311239	Coin Drop	.5 and 2 euro; **
	B12311205	Coin Drop	.2 and 1 euro; **
	B11211209	Coin Drop	.2 and .5 euro; **
	B12311218	Coin Drop	1 and 1 euro; **
	B12311219	Coin Drop	1 and 2 euro; **
	B12311203	Coin Drop	1 and 2 frank; **
	B12311207	Coin Drop	1 Deense kroon; **
	B12311225	Coin Drop	10 Deense kronen; **
	B12311235	Coin Drop	10 Tsjechische kronen; **
	B12311244	Coin Drop	10 Noorse kronen; **
	B12311208	Coin Drop	100 and 500 yen; **
	B12311212	Coin Drop	15K; **
	B12311215	Coin Drop	1 kro; **
	B12311226	Coin Drop	Australian 1.00; **
	B12311216	Coin Drop	Australian .2 and 1.00; **
	B12311220	Coin Drop	New Zealand 1.00; **
	B12311221	Coin Drop	.5 and 2 zwitser; **
	B12311241	Coin Drop	Hong Kong 1.00; **
	B12311249	Coin Drop	Hong Kong 5.00; **
	209/00627/00	Coin Drop	U.S. \$.25; **
	B12311302	Coin Drop	U.S. \$.25 and \$1.00; **
	B12311304	Coin Drop	Canada 1.00 and .25; **
	B12323401	Coin Drop	Singapore 1.00; **
4	209/00600/01P	Switch	
5	209/00396/00	Pushbutton	
6	152/00112/00	Mechanical Coin Meter Housing	
7	111/01001/00	Top Panel	Gray
	111/01000/00	Front Plate	Black
8	217/00060/00	Fastening Piece	
9	111/01002/00	Backplate	
10	204/00116/00	Nut	

**** NOTE: B12388101 Single Drop Optical Sensor Kit or B12388102 Dual Drop Optical Sensor Kit is required to convert from microswitch to optical switch**

Coin Drop - Mechanical Coin Meter with Optical Switch



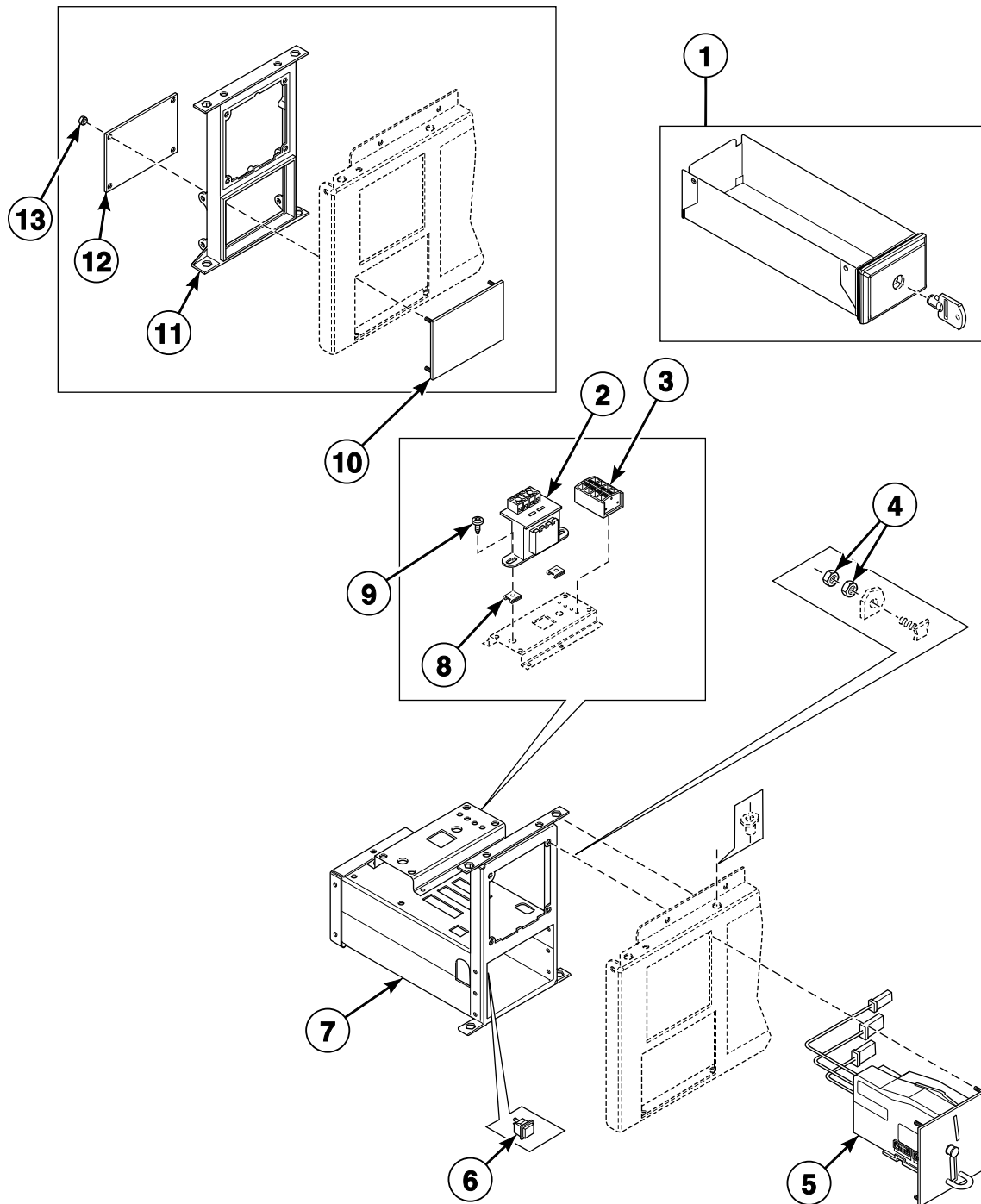
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Coin Drop - Mechanical Coin Meter with Optical Switch

REF	PART NO.	DESCRIPTION	COMMENTS
	B12388101	Single Drop Optical Sensor Kit	Includes items 3 and 4
	B12388102	Dual Drop Optical Sensor Kit	Includes items 3 and 4
1	254/00077/00	Coin Box	
	254/00077/02	Key	
2	204/00008/00	Nut	
3	B12359901	Wire Assembly	Micro-20 and Sigma models
4	209/00781/00	Optical Switch	Micro-20 and Sigma models
5	N/A	Coin Drop	To repair the coin drop, order B12388101 Single Drop Optical Sensor Kit or B12388102 Dual Drop Optical Sensor Kit; To replace the coin drop, order B12359901 Wire Assembly and the desired mechanical coin meter with optical switch
6	209/00396/00	Pushbutton	
7	152/00112/00	Mechanical Coin Meter Housing	
8	111/01001/00	Top Panel	Gray
	111/01000/00	Front Plate	Black
9	217/00060/00	Fastening Piece	
10	111/01002/00	Backplate	
11	204/00116/00	Nut	

N/A = Part no longer available

Coin Drop - Electronic Coin Meter

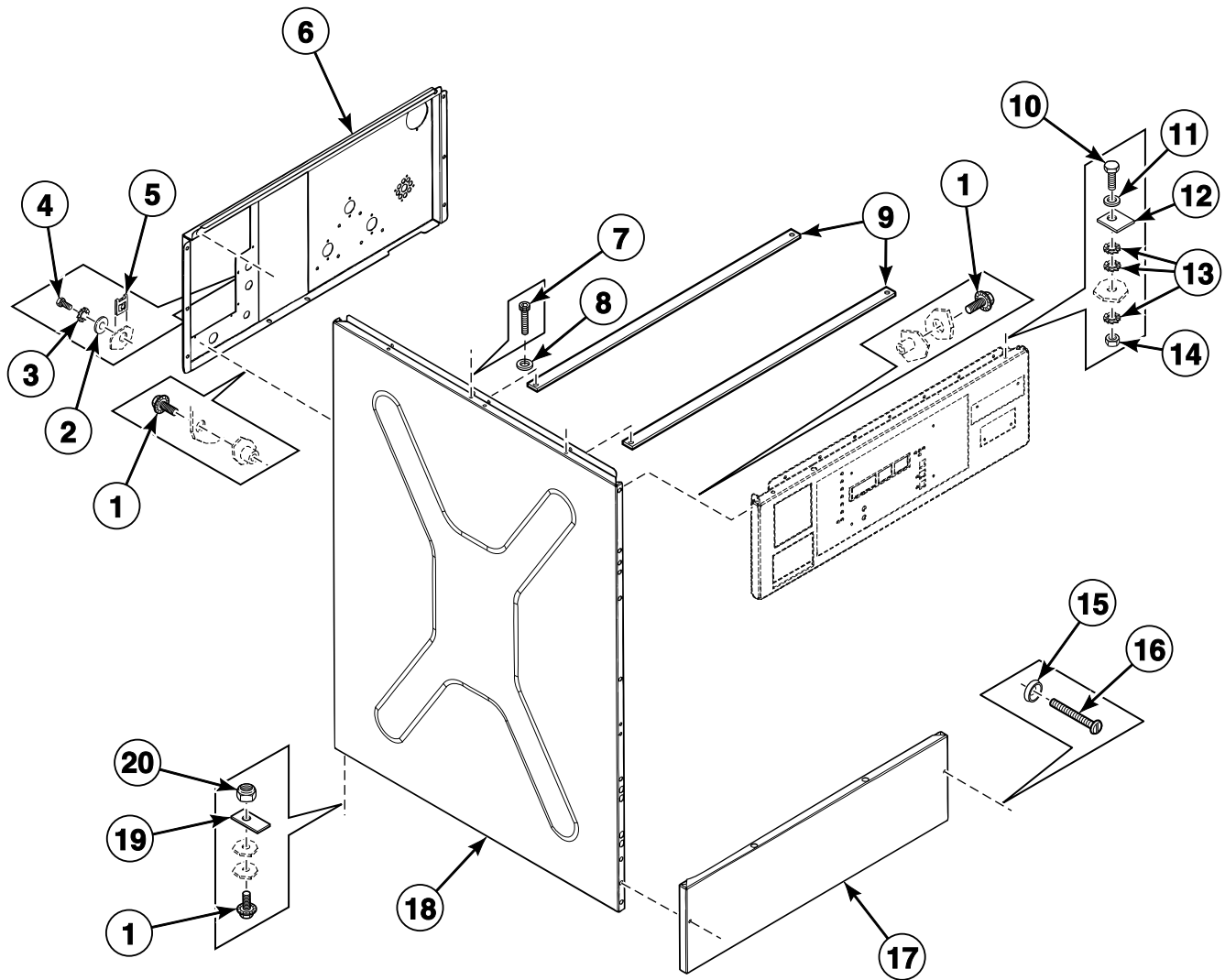


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Coin Drop - Electronic Coin Meter

REF	PART NO.	DESCRIPTION	COMMENTS
1	254/00077/00	Coin Box	
	254/00077/02	Key	
2	209/00682/00	Transformer	
3	209/00683/00	Input Block	
4	204/00008/00	Nut	
5	B12311401	Coin Drop	Cygnus control models
6	209/00396/00	Pushbutton	
7	152/00112/50	Electronic Coin Meter Housing	
8	208/00002/00	Nut	
9	208/00014/00	Screw	
10	111/01001/00	Top Panel	Gray
	111/01000/00	Front Plate	Black
11	217/00060/00	Fastening Piece	
12	111/01002/00	Backplate	
13	204/00116/00	Nut	

Left Side, Lower Front and Upper Back Panels

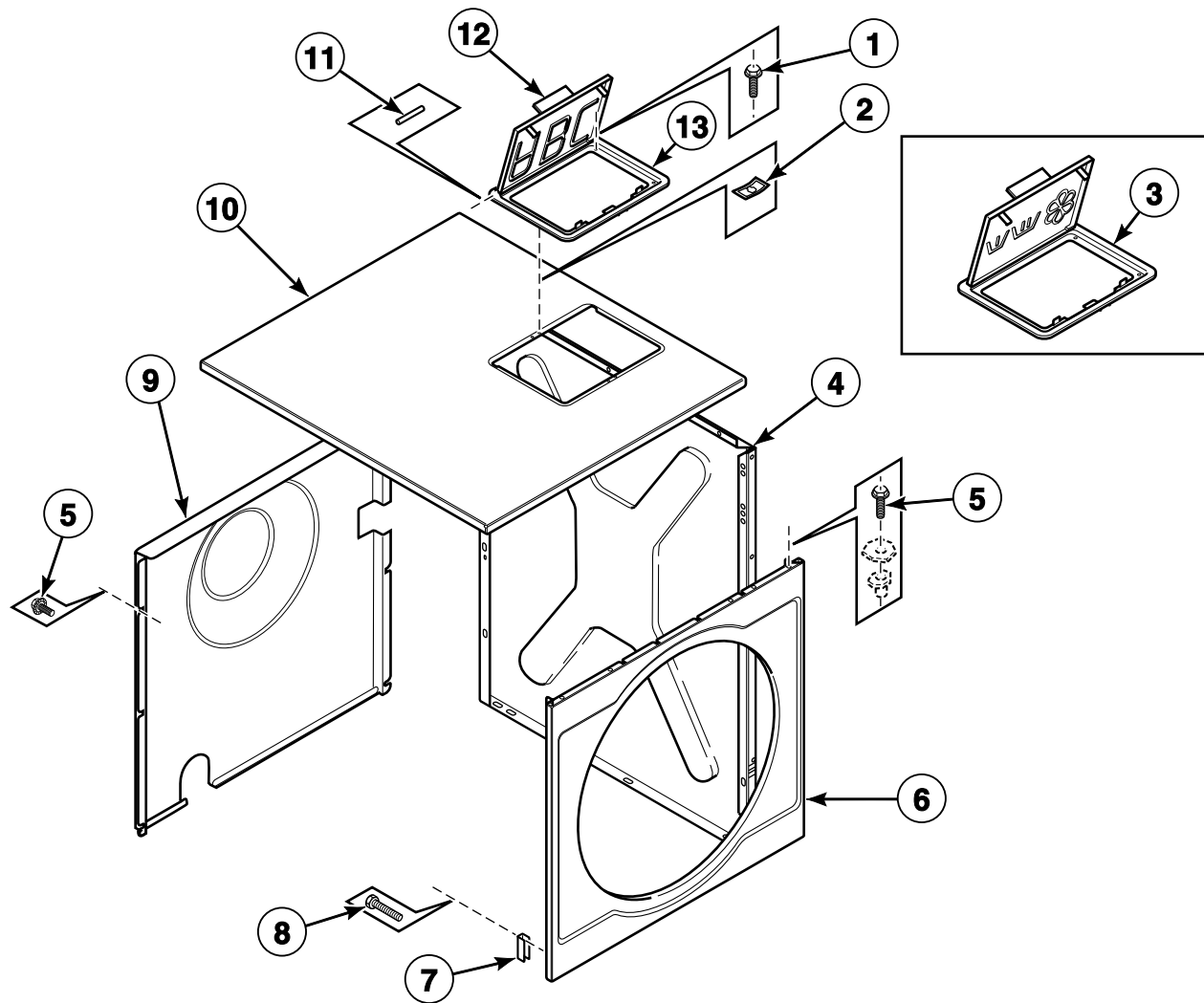


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Left Side, Lower Front and Upper Back Panels

REF	PART NO.	DESCRIPTION	COMMENTS
1	206/00099/00	Bolt	
2	201/00006/00	Washer	
3	203/00015/00	Washer	
4	208/00014/00	Screw	
5	208/00025/00	Nut	
6	111/01833/00	Backbridge	
7	206/00166/00	Screw	
8	B12421401	Washer	
9	111/00970/00	Crossbar	
10	205/00106/00	Bolt	
11	202/00003/00	Washer	
12	117/00042/00	Retaining Ring	
13	203/00005/00	Washer	
14	204/00006/00	Nut	
15	208/00009/00	Washer	
16	207/00101/00	Screw	
17	111/01803/00	Lower Front Panel	
18	111/22727/00	Side Panel	*33 and *150 models; Stainless steel
	111/22728/40	Side Panel	*40 and *185 models; Stainless steel
	111/60037/00	Side Panel	*33 and *150 models; Black
	111/60039/00	Side Panel	*40 and *185 models; Black
19	101/00007/00	Outlet Pipe Plate Assembly	
20	204/00009/00	Nut	

Right Side, Front, Lower Rear and Top Panels

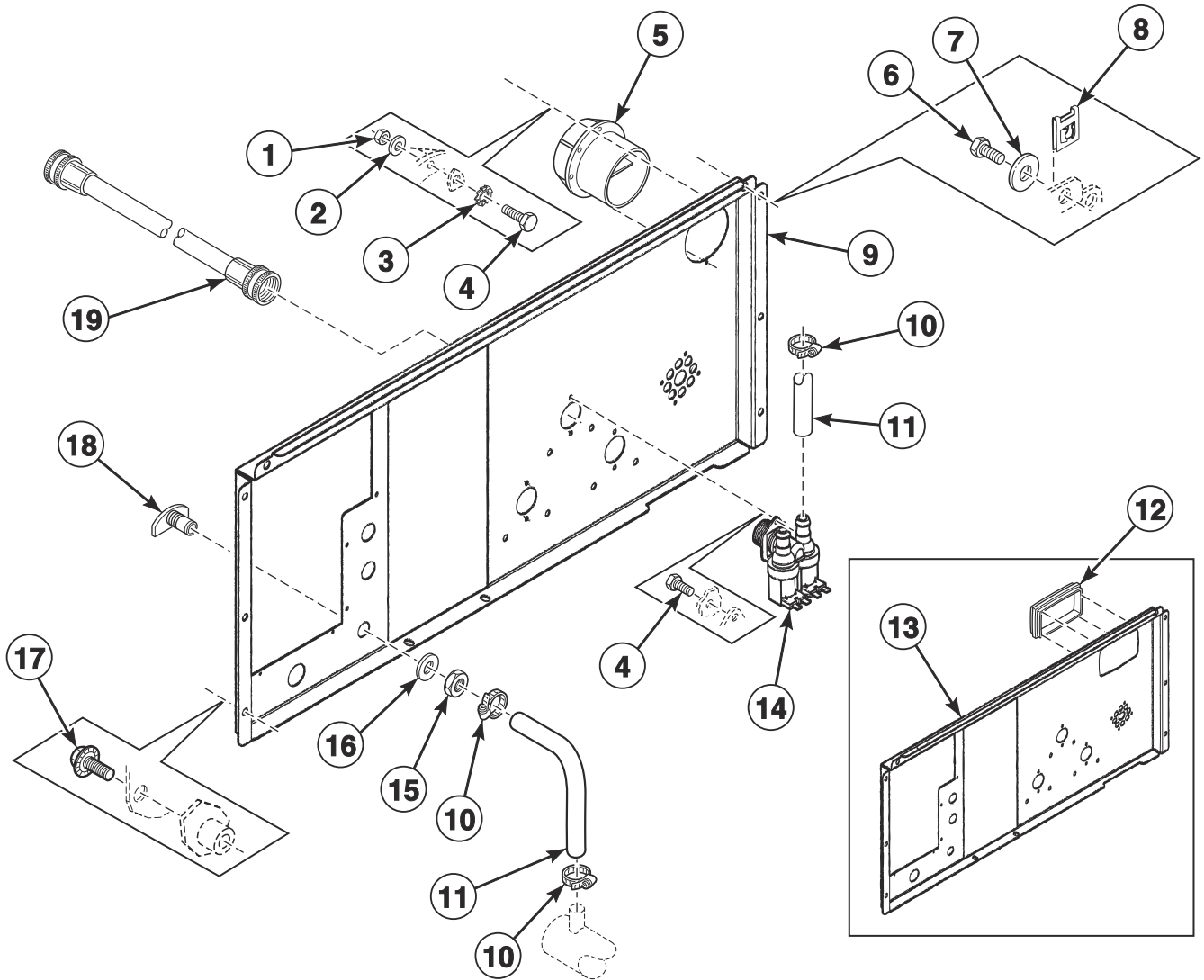


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Right Side, Front, Lower Rear and Top Panels

REF	PART NO.	DESCRIPTION	COMMENTS
1	207/00125/00	Bolt	
2	208/00104/00	Nut	
3	223/00103/50	Soap Dispenser Cover	Symbols
4	111/22727/00	Side Panel	*33 and *150 models; Stainless steel
	111/22728/40	Side Panel	*40 and *185 models; Stainless steel
	111/60037/00	Side Panel	*33 and *150 models; Black
	111/60039/00	Side Panel	*40 and *185 models; Black
5	206/00099/00	Bolt	
6	111/00292/00	Front Panel	
7	111/10089/01	Reinforcement Plate	
8	206/00114/00	Bolt	
9	152/00053/02	Back Panel	
10	111/22741/00	Top Panel	*33 and *150 models
	111/22743/00	Top Panel	*40 and *185 models
11	223/00103/04	Soap Dispenser Cover Hinge Rod	2 required
12	223/00103/01	Soap Dispenser Cover	A, B, C
13	223/00103/03	Soap Dispenser Frame	

Water Inlet Valves

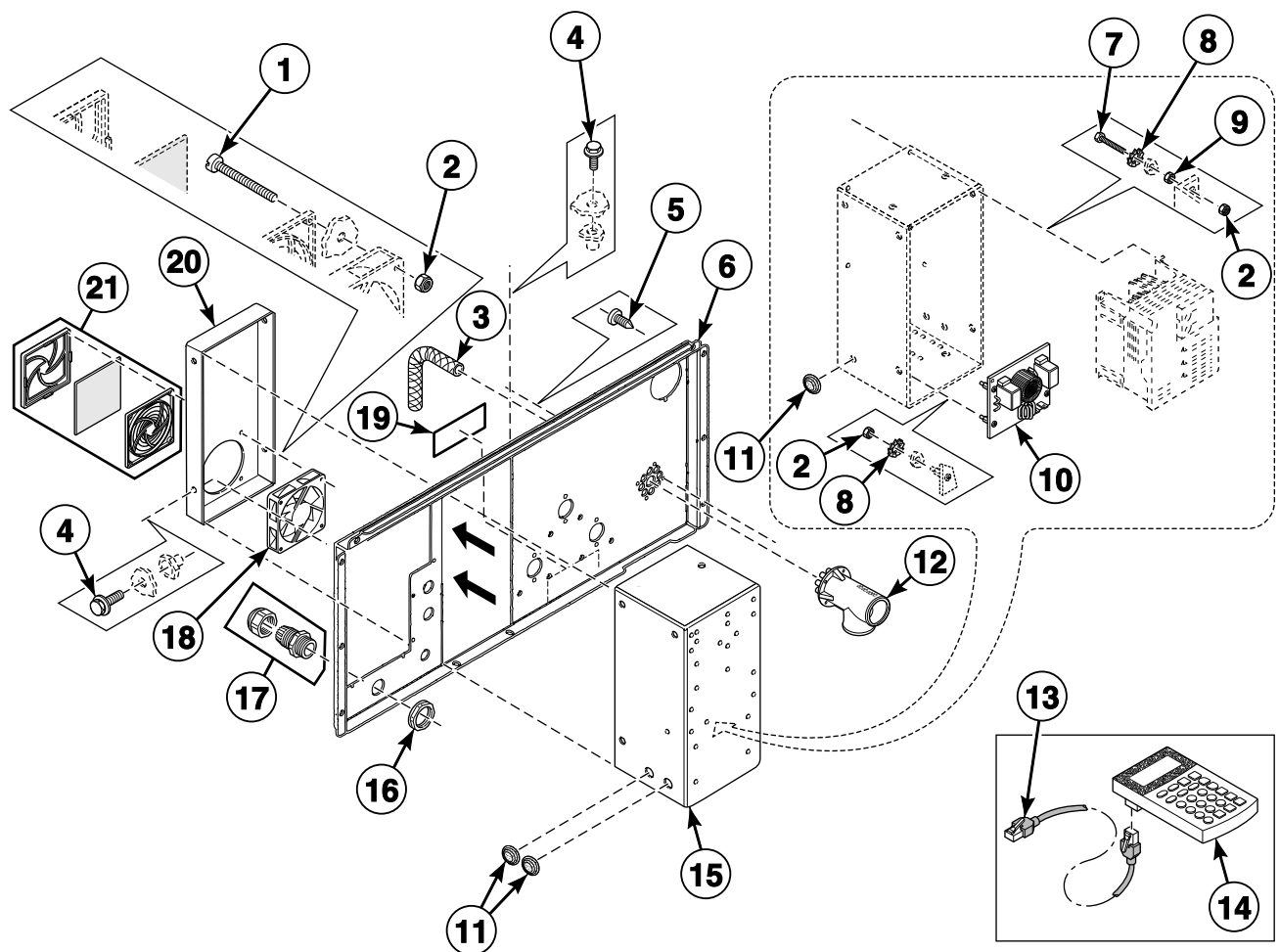


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Water Inlet Valves

REF	PART NO.	DESCRIPTION	COMMENTS
1	204/00007/00	Nut	
2	202/00004/00	Washer	
3	203/00006/00	Washer	
4	206/00027/00	Bolt	
5	223/00102/07	Hose Vent	
6	208/00014/00	Screw	
7	201/00006/00	Washer	
8	208/00002/00	Nut	
9	111/01833/00	Backbridge	Circular ventilation
10	223/00010/00	Hose Clamp	
11	223/00044/00	Water Hose	
12	223/00226/00	Vent Tube	
13	111/01833/10	Backbridge	Rectangular ventilation
14	209/00110/00	2-Way Inlet Valve	Metric thread
	B12519501	2-Way Inlet Valve	Standard thread; G581P3 Repair Kit
15	204/00201/00	Nut	
16	201/00002/00	Washer	
17	206/00099/00	Bolt	
18	223/00001/04	Prewash and Mainwash Nozzle	
19	F200164	Water Hose	Standard thread
	F200166	Water Hose	Metric thread

Inverter Drive (Drawing 1 of 2)

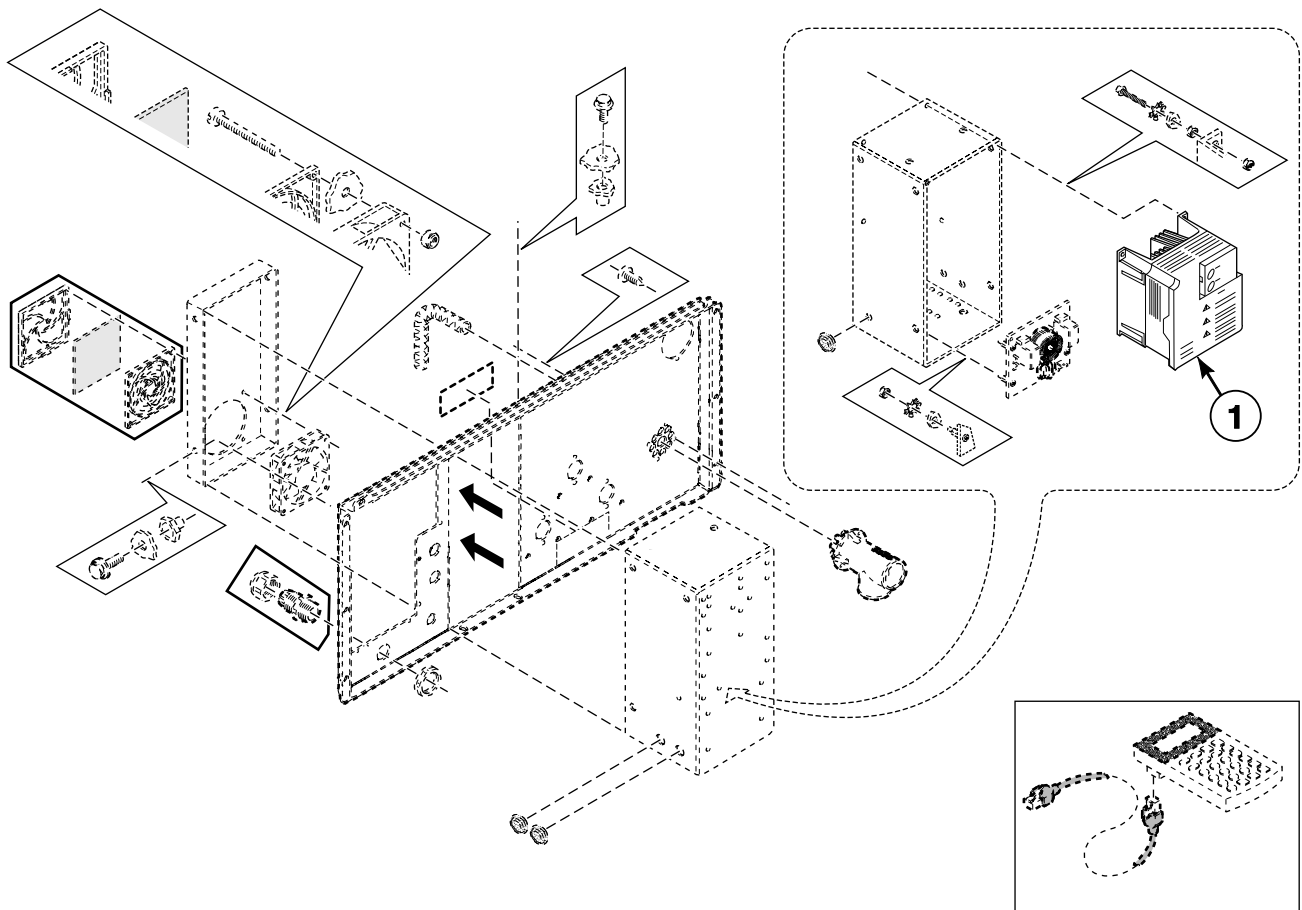


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Inverter Drive (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	207/00021/00	Screw	
2	204/00114/00	Nut	
3	223/00179/10	Pressure Hose	
4	206/00099/00	Bolt	
5	208/00130/00	Screw	
6	111/01833/00	Backbridge	
7	206/00088/00	Bolt	
8	203/00006/00	Washer	
9	204/00007/00	Nut	
10	B12339401	Noise Filter	
11	223/00174/00	Grommet	
12	223/00250/00	Liquid Soap Manifold	
13	227/00171/10	Parameter Unit Program Cable	
14	227/00171/00	Parameter Unit Assembly	Hand held
	F8410901	Parameter Unit Assembly	Inverter mounted; Used with FR-E520 and FR-E540 series drives
15	111/01174/00	Inverter Drive Box	
16	271/35946/00	Nut	
17	271/35945/00	Nut	
18	209/00287/00	Cooling Fan	
19	B12355001	Voltage Discharge Decal	
20	111/01174/01	Inverter Box Cover	
21	209/00287/11	AC Drive Filter	
	209/00287/21	Filter	

Inverter Drive (Drawing 2 of 2)



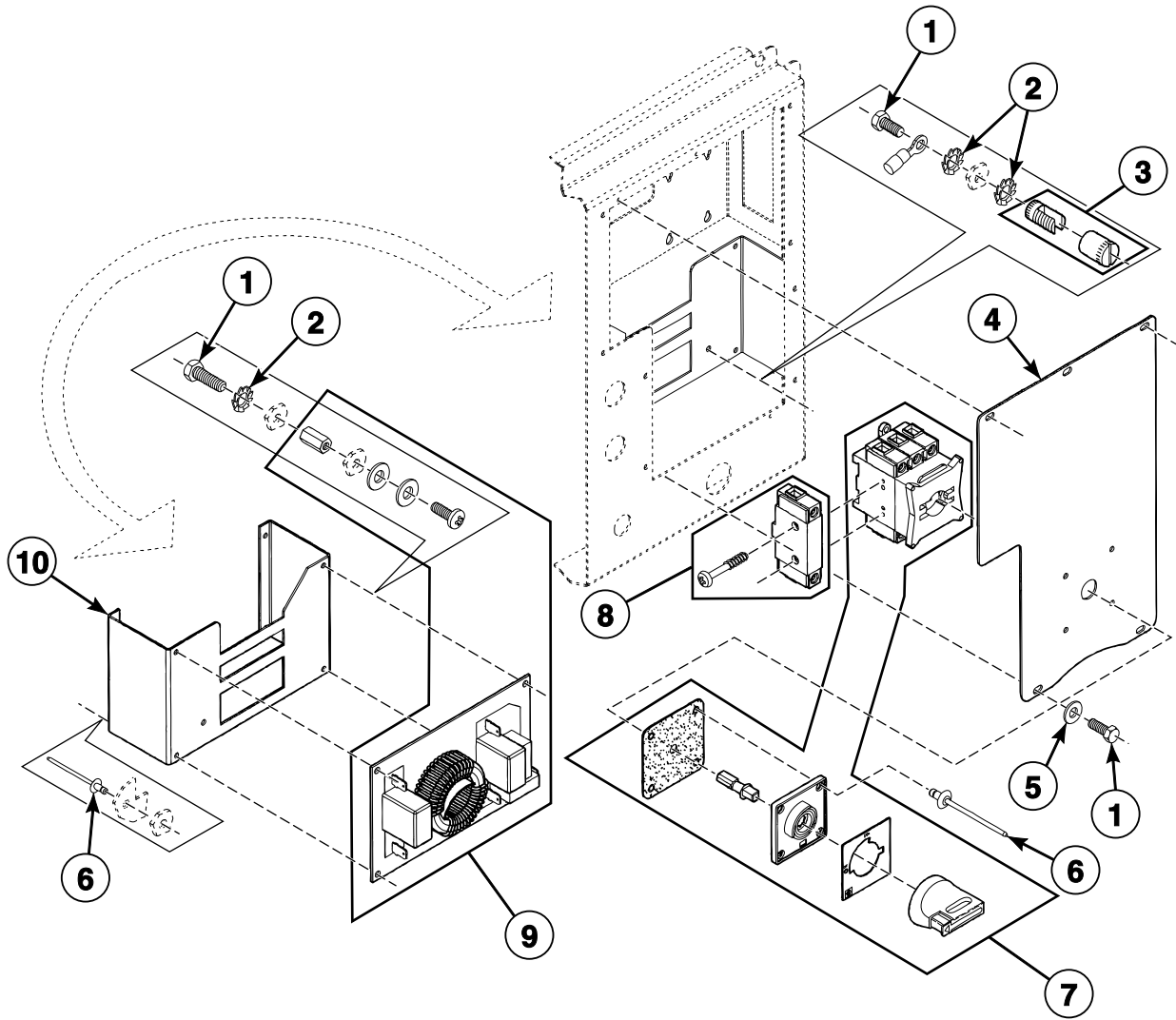
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Inverter Drive (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	227/00167/00	Inverter Drive	FR-E540 series; 3x400 Volt; 2 speed models
	F8645001P	Inverter Drive	700-series; 3x400 Volt; *150 and *185 2 speed Cygnus models
	227/00124/00	Inverter Drive	FR-E520 series; 1x230 Volt; 2 speed models
	F8644901P	Inverter Drive	700-series; 1x230 Volt; *150 and *185 2 speed Cygnus models
	F8420315	Drive	700-series; *33 and *150 2 speed Micro-20, PS40F and Sigma models; 200 Volt/1 Phase; Models with 1.1 kW motor
	F8420316	Drive	700-series; *33 and *150 2 speed Micro-20, PS40F and Sigma models; 400 Volt/3 Phase; Models with 1.1 kW motor
	F8420319	Drive	700-series; *40 and *185 2 speed Micro-20, PS40F and Sigma models; 200 Volt/1 Phase; Models with 1.1 kW motor
	F8420320	Drive	700-series; *40 and *185 2 speed Micro-20, PS40F and Sigma models; 400 Volt/3 Phase; Models with 1.1 kW motor
	227/00168/00	Inverter Drive	FR-E540 series; 3x400 Volt; M-speed models
	F8645201P	Inverter Drive	700-series; 3x400 Volt; *150 and *185 M-speed Cygnus models
	N/A	Inverter Drive	FR-E520 series; 1x230 Volt; M-speed models
	F8645101P	Inverter Drive	700-series; 1x230 Volt; *150 and *185 M-speed Cygnus models
	F8420509	Drive	700-series; *33 and *150 M-speed Micro-20, PS40F and Sigma models; 200 Volt/1 Phase; Models with 1.5 kW motor
	F8420510	Drive	700-series; *33 and *150 M-speed Micro-20, PS40F and Sigma models; 400 Volt/3 Phase; Models with 1.5 kW motor
	F8420513	Drive	700-series; *40 and *185 M-speed Micro-20, PS40F and Sigma models; 200 Volt/1 Phase; Models with 1.5 kW motor
	F8420514	Drive	700-series; *40 and *185 M-speed Micro-20, PS40F and Sigma models; 400 Volt/3 Phase; Models with 1.5 kW motor
	F8420215	Inverter Kit	700-series; *33 and *150 2 speed Micro-20, PS40F and Sigma models; 200 Volt/1 Phase; Models with 1.1 kW motor; Includes F8420315 Drive, F8409501 Mounting Plate Assembly and F430903 Screw
	F8420216	Inverter Kit	700-series; *33 and *150 2 speed Micro-20, PS40F and Sigma models; 400 Volt/3 Phase; Models with 1.1 kW motor; Includes F8420316 Drive, F8409501 Mounting Plate Assembly and F430903 Screw
	F8420219	Inverter Kit	700-series; *40 and *185 2 speed Micro-20, PS40F and Sigma models; 200 Volt/1 Phase; Models with 1.1 kW motor; Includes F8420319 Drive, F8409501 Mounting Plate Assembly and F430903 Screw
	F8420220	Inverter Kit	700-series; *40 and *185 2 speed Micro-20, PS40F and Sigma models; 400 Volt/3 Phase; Models with 1.1 kW motor; Includes F8420320 Drive, F8409501 Mounting Plate Assembly and F430903 Screw
	F8420409	Inverter Kit	700-series; *33 and *150 M-speed Micro-20, PS40F and Sigma models; 200 Volt/1 Phase; Models with 1.5 kW motor; Includes F8420509 Drive, F8409501 Mounting Plate Assembly and F430903 Screw
	F8420410	Inverter Kit	700-series; *33 and *150 M-speed Micro-20, PS40F and Sigma models; 400 Volt/3 Phase; Models with 1.5 kW motor; Includes F8420510 Drive, F8409501 Mounting Plate Assembly and F430903 Screw
	F8420413	Inverter Kit	700-series; *40 and *185 M-speed Micro-20, PS40F and Sigma models; 200 Volt/1 Phase; Models with 1.5 kW motor; Includes F8420513 Drive, F8409501 Mounting Plate Assembly and F430903 Screw
	F8420414	Inverter Kit	700-series; *40 and *185 M-speed Micro-20, PS40F and Sigma models; 400 Volt/3 Phase; Models with 1.5 kW motor; Includes F8420514 Drive, F8409501 Mounting Plate Assembly and F430903 Screw

N/A = Part no longer available

Main Switch and Noise Filter

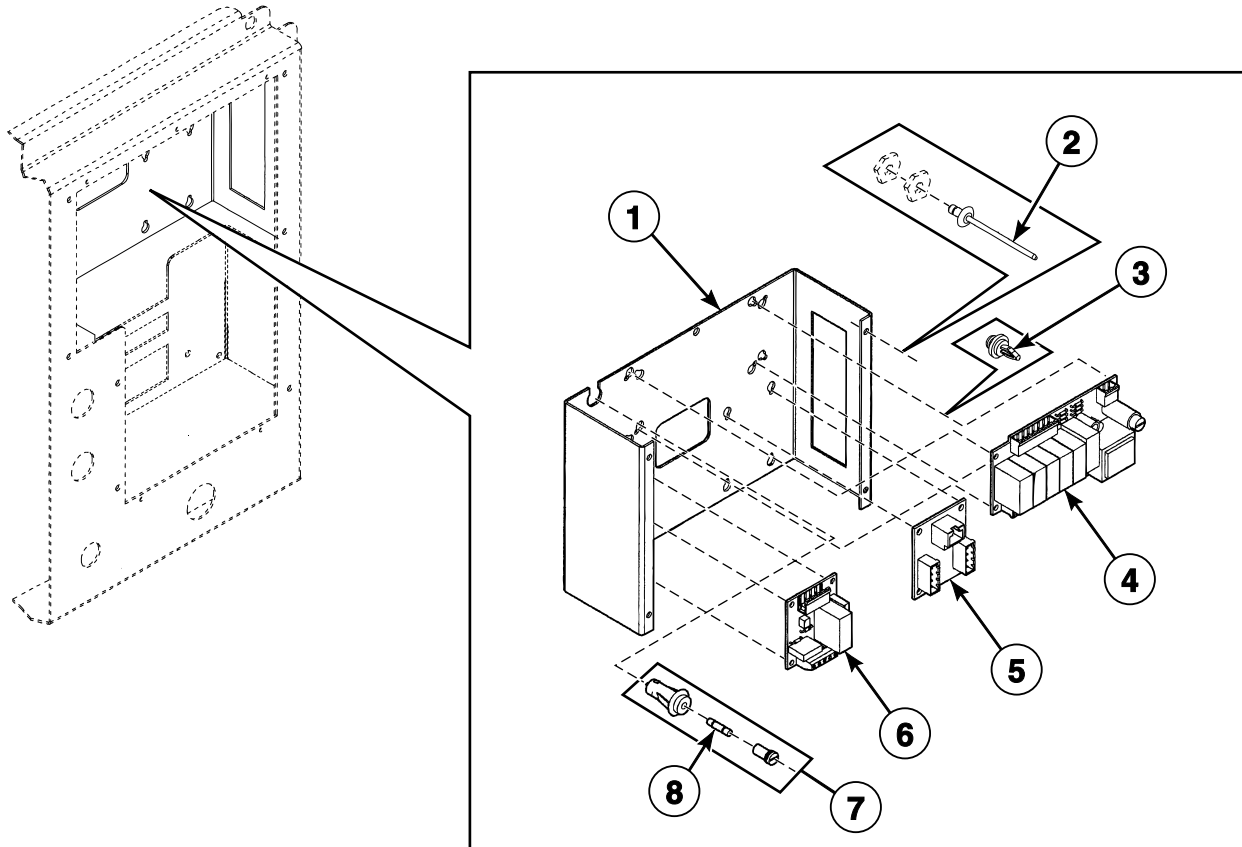


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Main Switch and Noise Filter

REF	PART NO.	DESCRIPTION	COMMENTS
1	206/00027/00	Bolt	
2	203/00006/00	Washer	
3	209/00006/01	Ground Terminal	
4	111/01834/00	Main Switch Cover	
5	202/00004/00	Washer	
6	208/00017/00	Rivet	
7	209/00529/00	Main Switch	3 pole; 25A; VCF0
	209/00672/00	Main Switch	3 pole; 40A; VCF2
	209/00526/00	Main Switch	3 pole; 80A; VCF4
8	209/00530/00	Terminal Block	25A; VZ-11
	209/00527/00	Terminal Block	63/80A; VZ-12
9	210/00027/UL00	Filter	B0301044/16A1
	227/00242/00	Noise Filter	B0211098/16A3
	227/00179/00	Filter	B0211067/40A3
	227/00180/00	Filter	B0308117/45A1
	227/00183/00	Filter	B0401067/53A3
10	111/01837/01	Filter Bracket	

Central Operating Panel, Network Connection and Soap Injection Printboards

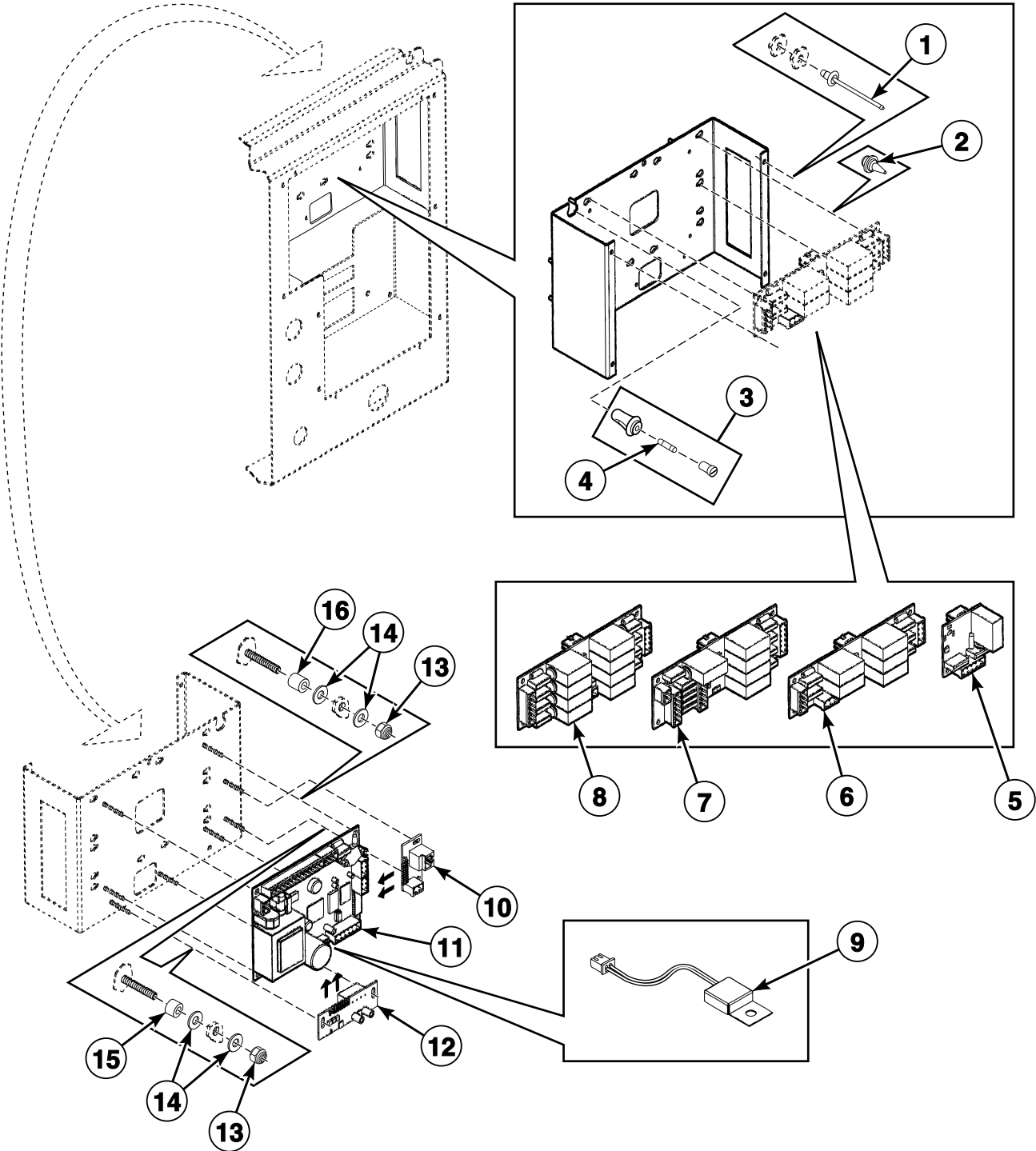


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Central Operating Panel, Network Connection and Soap Injection Printboards

REF	PART NO.	DESCRIPTION	COMMENTS
1	111/01838/10	Printboard Support	
2	208/00017/00	Rivet	
3	211/00146/00	Standoff	
4	209/00218/13	Soap Injection PCB with Fuse	
5	209/00540/01	Network Connection Printboard	
6	209/00438/50	Central Control Board	
7	209/00202/00	Fuse Holder	
	209/00202/01	Fuse Holder	Includes item 8
8	209/00468/00	Fuse	3 Amp

Relay, Network Connection and Main Printboards - Cygnus Models

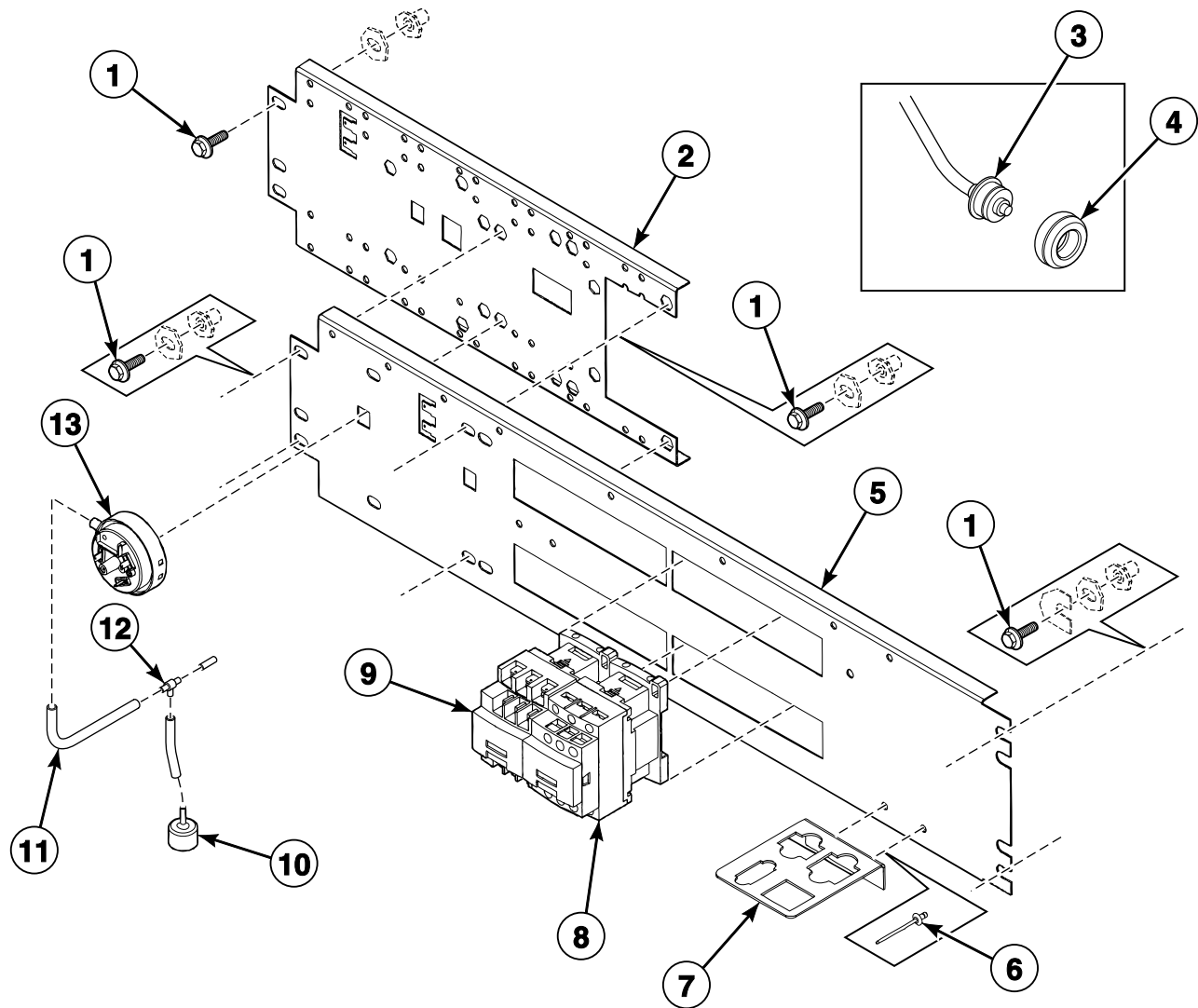


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Relay, Network Connection and Main Printboards - Cygnus Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	208/00017/00	Rivet	
2	211/00146/00	Standoff	
3	209/00202/00	Fuse Holder	
	209/00202/01	Fuse Holder	Includes item 4
4	209/00468/00	Fuse	3 Amp
5	209/02016/00	Relay PC-Board	1 in, 1 out
6	209/02005/00	Detergent PC-Board	1 in, 5 out
7	209/02014/00	Relay PC-Board	5 in, 5 out
8	209/02008/00	Detergent PC-Board	1 in, 8 out
9	209/02020/00	ID Chip	
10	209/02006/00	Inverter PC-Board	
11	209/02025/00	Microprocessor	
12	209/02007/00	Network Connection Printboard	
13	204/00116/00	Nut	
14	223/00123/00	Washer	
15	211/00128/00	Printboard Separator	
16	211/00122/00	Standoff	

Electrical Component Mounting Plate - Models Through 2/20/09

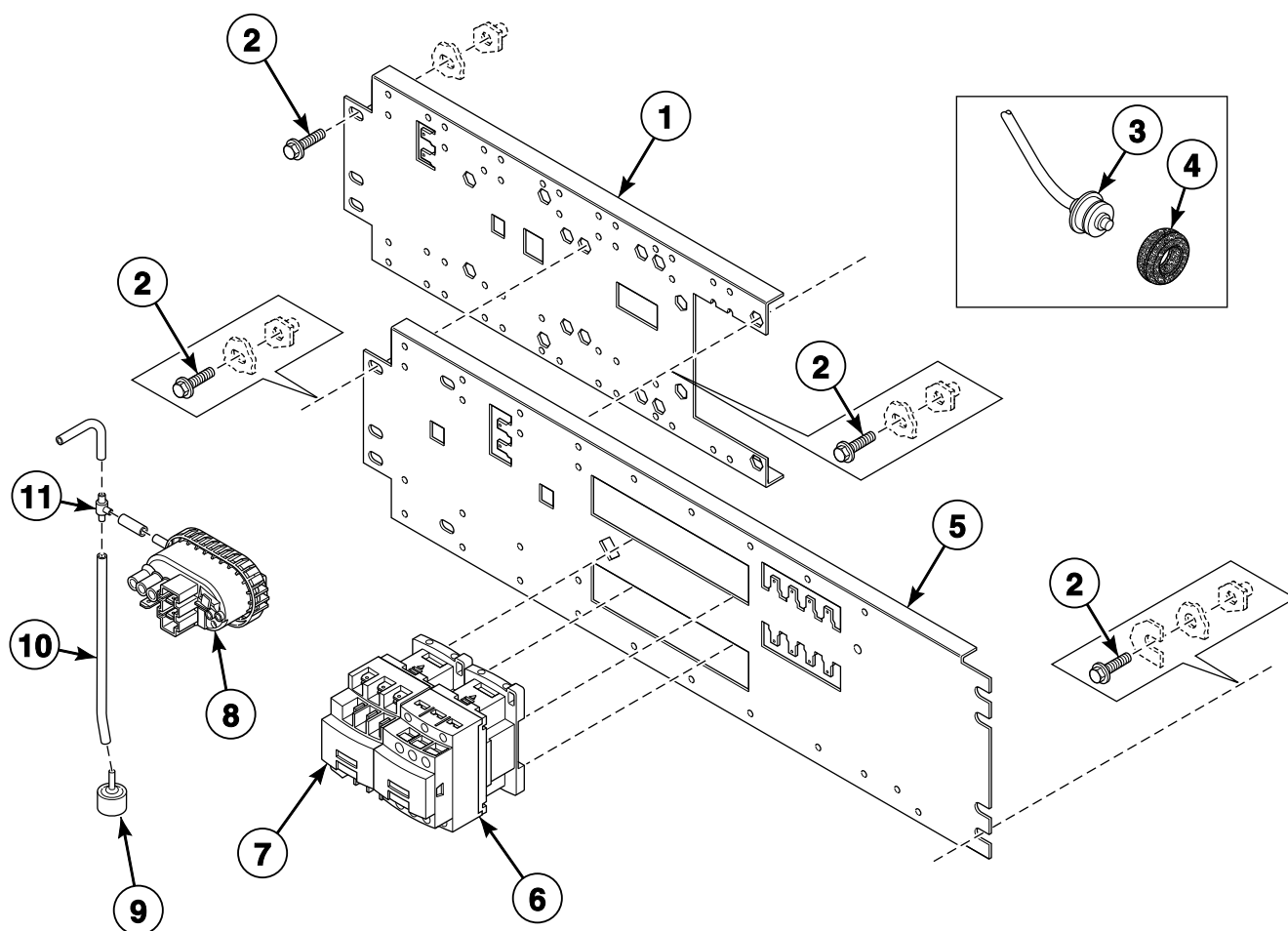


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Electrical Component Mounting Plate - Models Through 2/20/09

REF	PART NO.	DESCRIPTION	COMMENTS
1	206/00099/00	Bolt	
2	111/10003/40	Electrical Component Mounting Plate	
3	210/01064/16	Thermostat	
4	225/10004/00	Thermostat Grommet	
5	111/10003/30	Electrical Component Mounting Plate	
6	208/00017/00	Rivet	
7	111/10003/10	Support Connector	
8	209/06148/02	Heating Contactor	
9	209/00041/04	Contactor	
10	223/00035/02	Pressure Switch Cap	
11	B12700018	Pressure Hose	
12	223/00173/10	Pressure Switch Hose Tee	
13	209/00027/10	Pressure Switch	

Electrical Component Mounting Plate - Models Starting 2/23/09

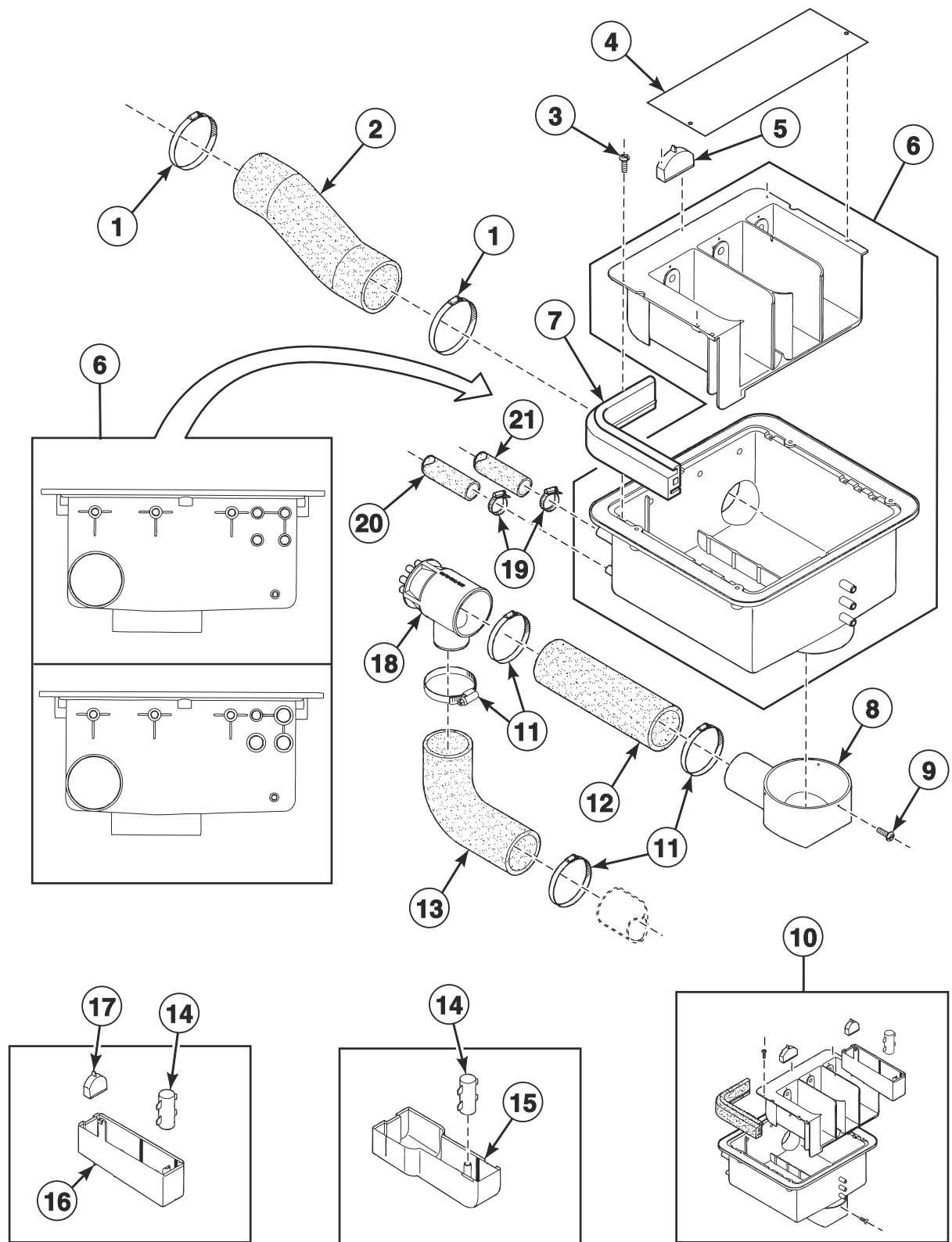


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Electrical Component Mounting Plate - Models Starting 2/23/09

REF	PART NO.	DESCRIPTION	COMMENTS
1	111/10003/40	Electrical Component Mounting Plate	
2	206/00099/00	Bolt	
3	210/01064/16	Thermostat	
4	225/10004/00	Thermostat Grommet	
5	111/10003/50	Electrical Component Bridge	
6	209/06148/02	Heating Contactor	LC1D18P7
7	209/00641/04	Heating Contactor	LC1D0901M7
8	209/00027/10	Pressure Switch	
9	223/00035/02	Pressure Switch Cap	
10	B12700018	Pressure Hose	
11	223/00173/10	Pressure Switch Hose Tee	

Supply Dispenser - Models with Round Ventilation Opening

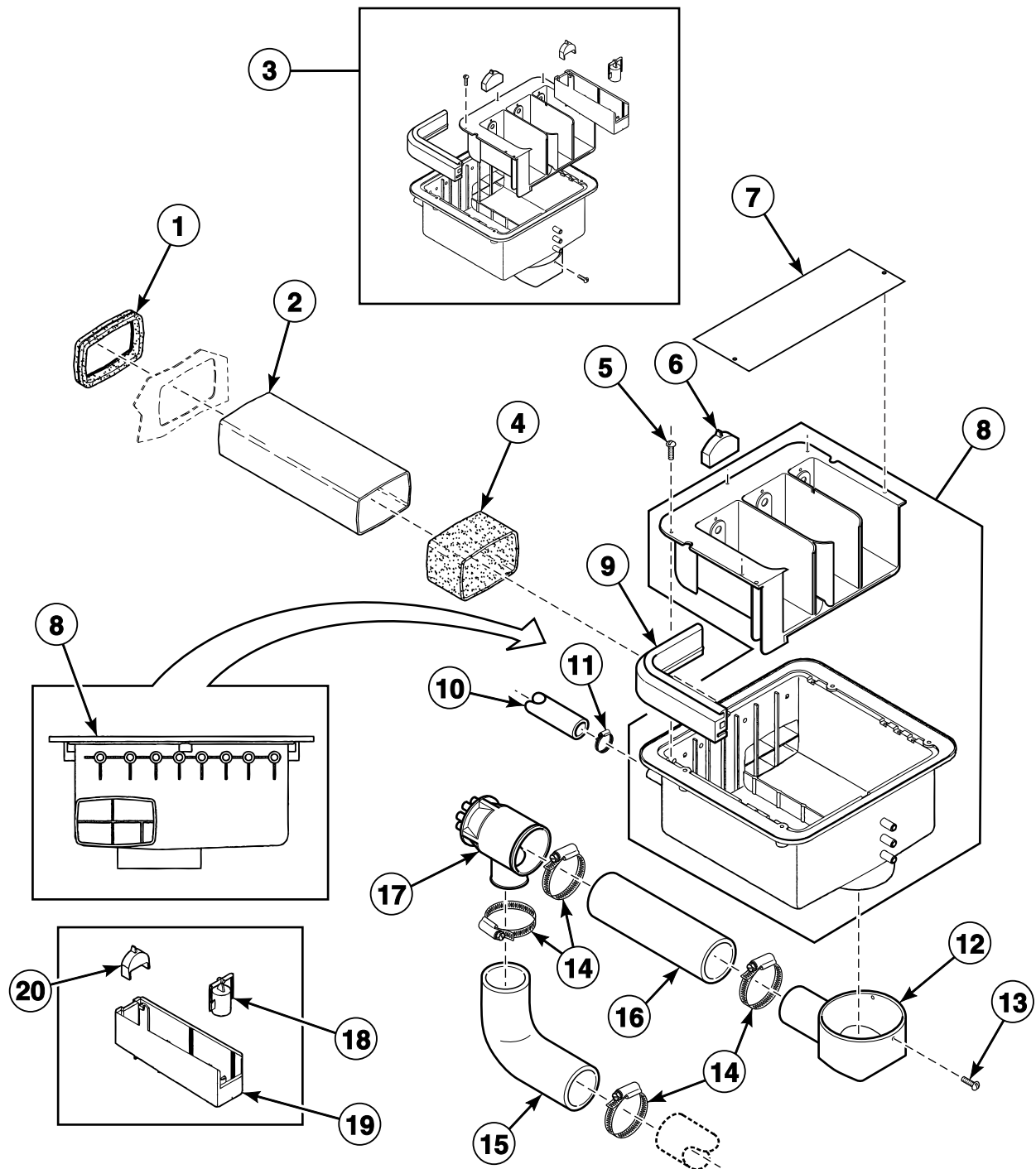


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Supply Dispenser - Models with Round Ventilation Opening

REF	PART NO.	DESCRIPTION	COMMENTS
1	223/00014/00	Hose Clamp	
2	223/00107/00	Soap Dispenser Air Breather Hose	
	223/00107/01	Ventilating Hose	
	223/00107/03	Vent Hose	
	223/00197/00	Vent Hose	
	223/00107/02	Vent Hose	
3	B12347501	Screw	
4	123/00107/00	Anti-Splash Plate	Sigma control models
	123/00103/06	Soap Box Assembly Plate	All other models
5	223/00102/06	Soap Spray Nozzle	
6	223/00102/30	Soap Dispenser Assembly	
7	223/00109/00	Soap Dispenser Gasket	
8	223/00195/00	Dispenser Drain Funnel	
9	B12350903	Screw	
10	223/00102/50	Soap Dispenser Assembly	
11	223/00013/00	Hose Clamp	
12	223/00260/00	Siphon Break Dispenser Hose	
	223/00261/00	Soap Dispenser Hose	
	223/00262/00	Siphon Break Dispenser Hose	
13	B12310304	Siphon Break Hose	
14	223/00102/04	Soap Dispenser Rinse Siphon	
15	223/00102/08	Liquid Soap Dispenser Insert	
16	223/00102/03	Rinse Insert	
17	223/00102/05	Softener Spray Nozzle	
18	223/00250/00	Liquid Soap Manifold	
19	223/00010/00	Hose Clamp	
20	223/00044/00	Water Hose	

Supply Dispenser - Models with Rectangular Ventilation Opening

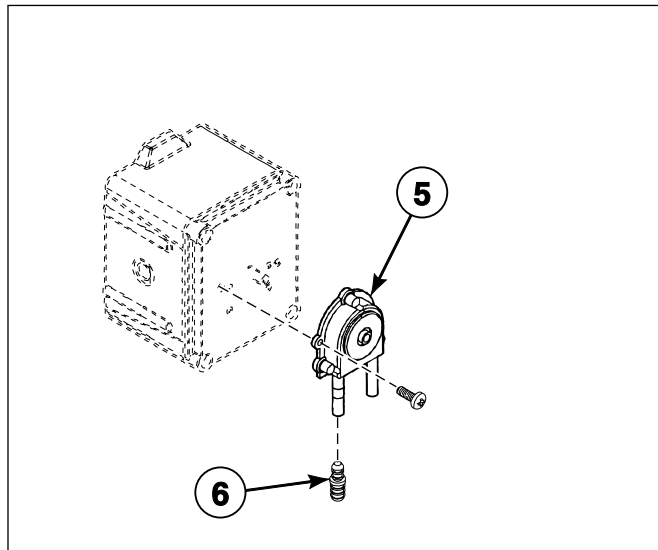
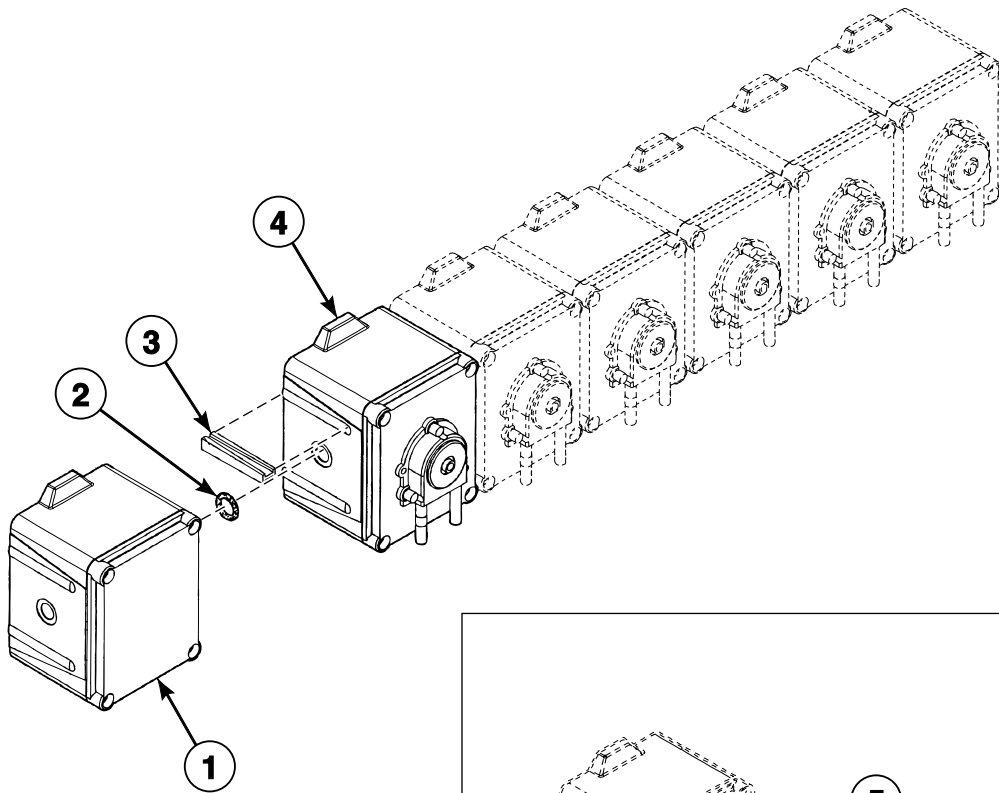


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Supply Dispenser - Models with Rectangular Ventilation Opening

REF	PART NO.	DESCRIPTION	COMMENTS
1	223/00226/00	Vent Tube	
2	223/00229/00	Vent Tube	
3	223/00222/00	Soap Dispenser	
4	223/00245/00	Shrink Fit	
5	B12347501	Screw	
6	223/00102/06	Soap Spray Nozzle	
7	123/00107/00	Anti-Splash Plate	Sigma control models
	123/00103/06	Soap Box Assembly Plate	All other models
8	223/00222/60	Outer and Inner Box Kit	
9	223/00109/00	Soap Dispenser Gasket	
10	223/00044/00	Water Hose	
11	223/00010/00	Hose Clamp	
12	223/00195/00	Dispenser Drain Funnel	
13	B12350903	Screw	
14	223/00013/00	Hose Clamp	
15	B12310304	Siphon Break Hose	
16	223/00260/00	Siphon Break Dispenser Hose	
	223/00261/00	Soap Dispenser Hose	
	223/00262/00	Siphon Break Dispenser Hose	
17	223/00250/00	Liquid Soap Manifold	
18	223/00222/04	Siphon Break	
19	223/00222/05	Rinsing Box	
20	223/00222/03	Softener Spray Nozzle	

Soap Pumps

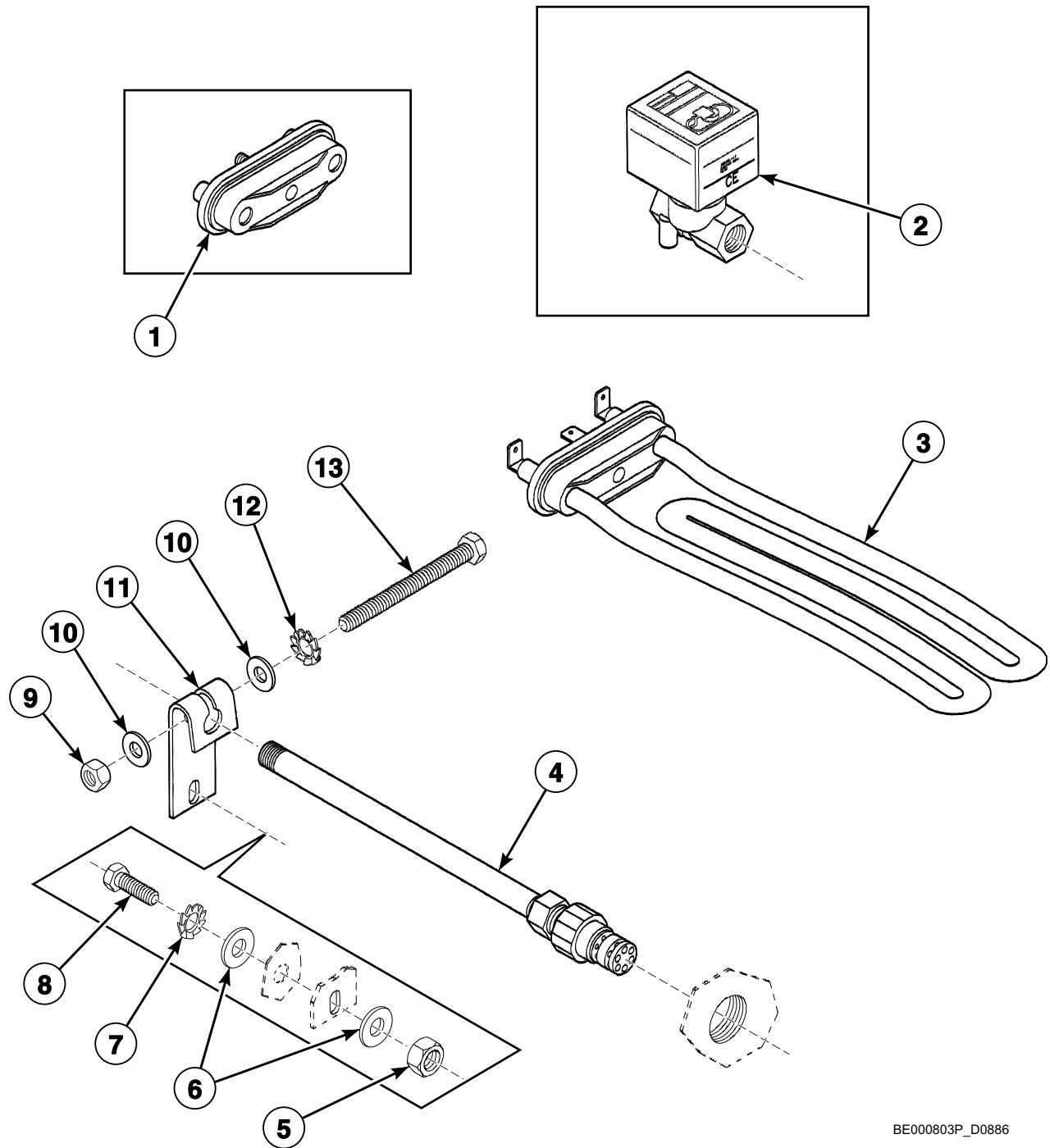


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Soap Pumps

REF	PART NO.	DESCRIPTION	COMMENTS
1	209/00554/01	Soap Pump Assembly	1 small pump
	209/00554/02	Soap Pump Assembly	2 small pumps
	209/00554/03	Soap Pump Assembly	3 small pumps
	209/00554/04	Soap Pump Assembly	4 small pumps
	209/00554/05	Soap Pump Assembly	5 small pumps
	209/00554/06	Soap Pump Assembly	6 small pumps
	209/00554/51	Feeding Liquid Soap Dosing Pump	
2	209/00554/52	Liquid Soap Dosing Pump O-Ring	
3	209/00554/53	Liquid Soap Dosing Pump Connection Piece	
4	209/00554/50	Pump	
5	209/00554/98	Hose	
6	209/00554/99	Hose Connector	

Steam and Electric Heating Options



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Steam and Electric Heating Options

REF	PART NO.	DESCRIPTION	COMMENTS
	921P3	Steam Heat Kit	Includes 118/00084/00 Steam Injector, 209/00027/10B Water Level Switch, 901/00217/00 Contactor and Wiring Assembly, 900/00108/00 Safety Level Switch, 9001386 Steam Valve, 113/00025/00 Steam Injector Plate Assembly, 206/00035/00 Bolt, 9001295 Bolt, 9001250 Nut, 9001249 Nut, 9001241 Washer, 90012140 Washer, 9001227 Washer and 9001214 Washer
1	F360202	Heating Element Plug	
2	209/00477/00	Steam Valve	
3	209/00581/10	Heating Element	4000W; 380 Volt
	209/00562/20	Heating Element	3000W; 220/240 Volt
	209/00563/20	Heating Element	2000W; 220/240 Volt
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