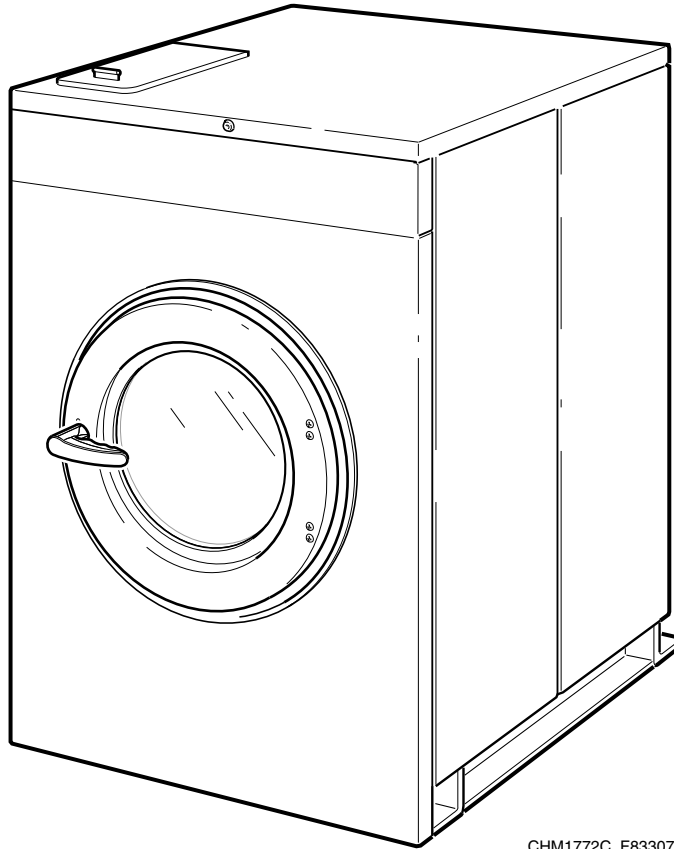


Washer-Extractor

Cabinet Hardmount

Refer to Page 5 for Model Numbers



CHM1772C_F8330701

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Parts Ordering Information

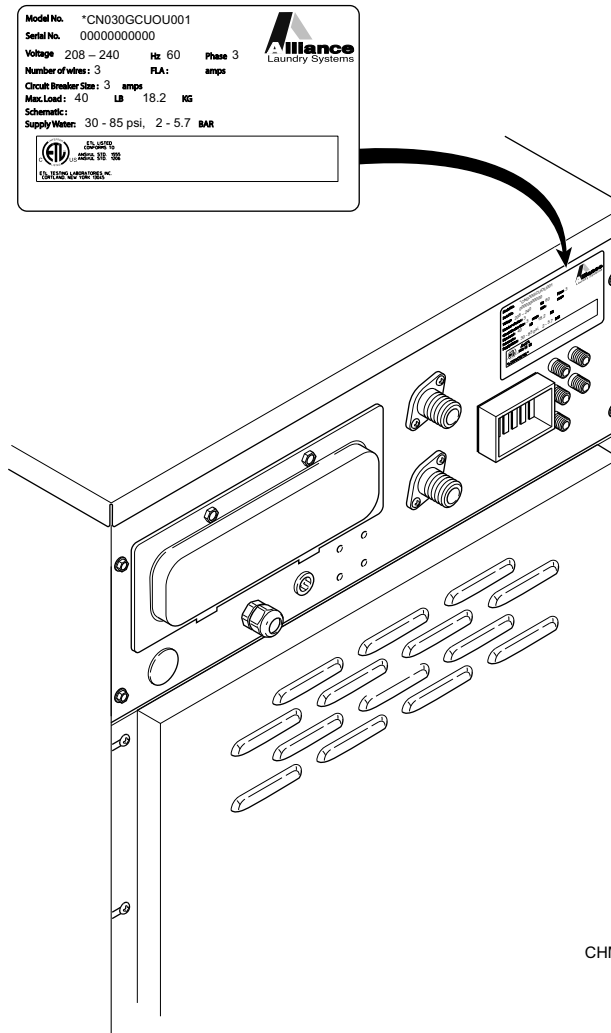
If literature or replacement parts are required, contact the source from whom the machine was purchased or contact Alliance Laundry Systems at (920) 748-3950 for the name and address of the nearest authorized parts distributor.

For technical assistance, call either of the numbers listed below:

(920) 748-3121 Ripon, Wisconsin
+32 56 41 20 54 Wevelgem, Belgium

Nameplate Location

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



CHM3025P_F8330701

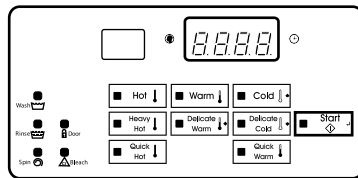
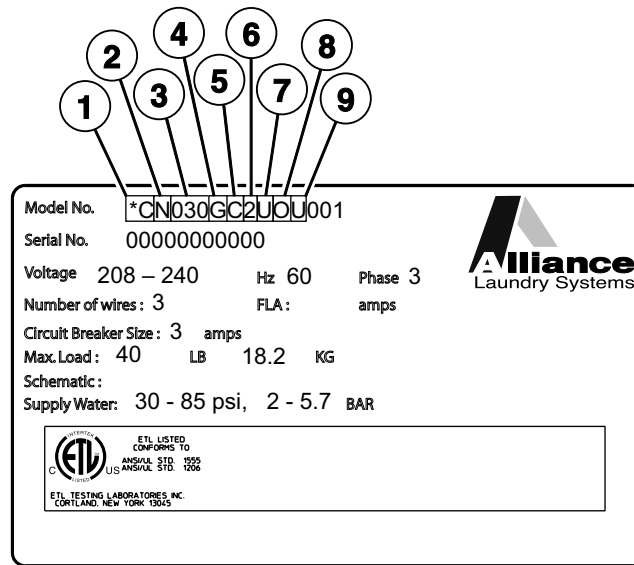
This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Model Identification

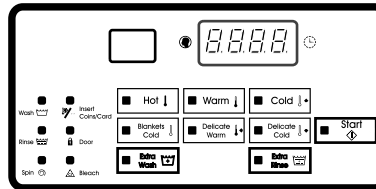
Information in this manual is applicable to these washer-extractor models:

HCL020HDF	HCN030HC2	HCU020HC2	SCL020HN2	UCL020HN2
HCL020HN2	HCN030HCF	HCU020HL2	SCL020HNF	UCL020HNF
HCL020HNF	HCN030HD2	HCU020HN2	SCL020HNV	UCL020HNV
HCL020HNV	HCN030HDF	HCU020HNF	SCL030HN2	UCL030HN2
HCL030HDF	HCN030HEF	HCU020HNV	SCL030HNF	UCL030HNF
HCL030HE2	HCN030HN2	HCU020HX2	SCL030HNV	UCL030HNV
HCL030HEF	HCN030HNF	HCU030HC2	SCL040HN2	UCL040HN2
HCL030HLF	HCN030HNV	HCU030HE2	SCL040HNF	UCL040HNF
HCL030HN2	HCN030HXF	HCU030HL2	SCL040HNV	UCL040HNV
HCL030HNF	HCN030HY2	HCU030HLF	SCL060HN2	UCL060HN2
HCL030HNV	HCN030HYF	HCU030HN2	SCL060HNF	UCL060HNF
HCL040HC2	HCN040HC2	HCU030HNF	SCL060HNV	UCL060HNV
HCL040HCF	HCN040HCF	HCU030HNV	SCN020HN2	UCN020HN2
HCL040HDF	HCN040HD2	HCU030HX2	SCN020HNF	UCN020HNF
HCL040HE2	HCN040HDF	HCU040HC2	SCN020HNV	UCN020HNV
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HCL060HNF	HCN060HCF	HCU060HNV	SCN060HNV	UCN060HNV
HCL060HNV	HCN060HDF	HCU060HX2	SCU020HN2	UCU020HN2
HCN020HC2	HCN060HEF	HCZ020HN2	SCU020HNF	UCU020HNF
HCN020HCF	HCN060HN2		SCU030HN2	UCU020HNV
HCN020HD2	HCN060HNF		SCU030HNF	UCU030HN2
HCN020HDF	HCN060HNV		SCU040HN2	UCU030HNF
HCN020HEF	HCN060HXF		SCU040HNF	UCU030HNV
HCN020HN2	HCN060HY2		SCU060HN2	UCU040HN2
HCN020HNF	HCN060HYF		SCU060HNF	UCU040HNF
HCN020HNV			SCU060HNV	UCU040HNV
HCN020HXF			SCZ020HN2	UCU060HN2
HCN020HY2				UCU060HNF
HCN020HYF				UCU060HNV
				UCZ030HN2

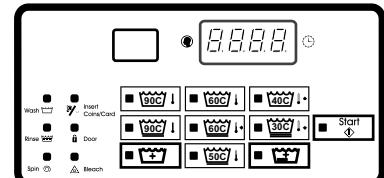
Product Overview - M9, M30, Galaxy 400, Galaxy 600, Quantum Silver and Quantum Gold



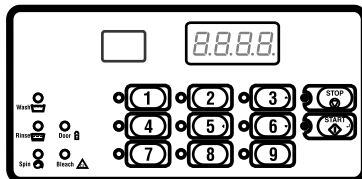
Galaxy 400 Coin



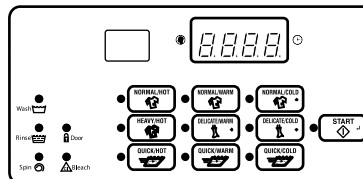
Galaxy 600 Coin (Domestic)



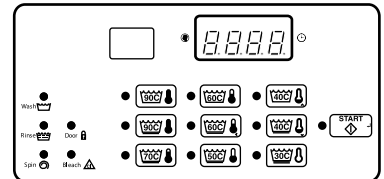
Galaxy 600 Coin (International)



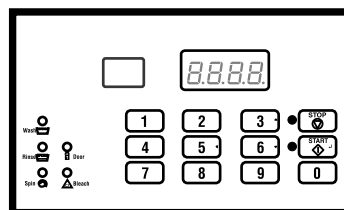
M9/Galaxy 400 OPL/Quantum Silver OPL



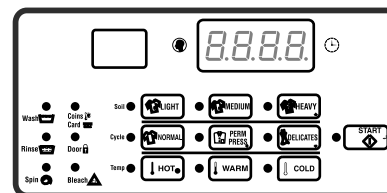
Quantum Silver Coin (Domestic)



Quantum Silver Coin (International)



M30/Quantum Gold OPL



Quantum Gold

CHM3217P_F8330701

Product Overview - M9, M30, Galaxy 400, Galaxy 600, Quantum Silver and Quantum Gold

REF	PART NO.	DESCRIPTION	COMMENTS
1	-	Product Family	HC NC SC UC
2	-	Market	N (Domestic ETL(c)) L (International ETL(c)) U (International CE) D (Daiwa) Z (No Agency International)
3	-	Capacity (Pounds)	020 030 040 060 080 125
4	-	Control	G J L H K W
5	-	Actuation	C (Drop Coin Meter) D (Digital Coin Meter) E (Electronic World Drop) L (Prep for Remote/Central Pay) N (Non-Coin OPL) X (Prep for Coin Meter) Y (Prep for Card Reader)
6	-	Speed	2 (2 Speed) F (F-Speed) V (V-Speed)
7	-	Voltage	B (120/60/1/2) C (380-415/50/3/4) F (440-480/60/3/3) J (200/50/3/3) N (440-480/50/60/3) O (208/220-240/60/3/3) P (380-415/50/60/3) Q (200-208/220-240/50/60/3) R (380-415/440-480/50/60/3) X (200-208/220-240/50/60/1/3) Y (208/220-240/60/1/2)
8	-	Side Panel	U (Standard) 1 (Stainless Steel)
9	-	Design	1 2 3

Product Overview for M4, Galaxy 200 and Quantum Standard

1

2

3

4

5

6

7

8

9

Model No.

*CN030GC2U0U001

Serial No.

0000000000

Voltage

208 – 240

Hz

60

Phase

3

Number of wires :

3

FLA :

amps

Circuit Breaker Size :

3

amps

Max. Load :

40

LB

18.2

KG

Schematic :

Supply Water:

30 - 85 psi,

2 - 5.7

BAR

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CONFORMS TO

ANSI/UL STD. 1555

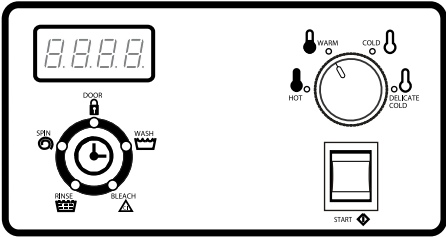
US ANSI/UL STD. 1206

ETL TESTING LABORATORIES, INC.

CORTLAND, NEW YORK 13045

Alliance

Laundry Systems



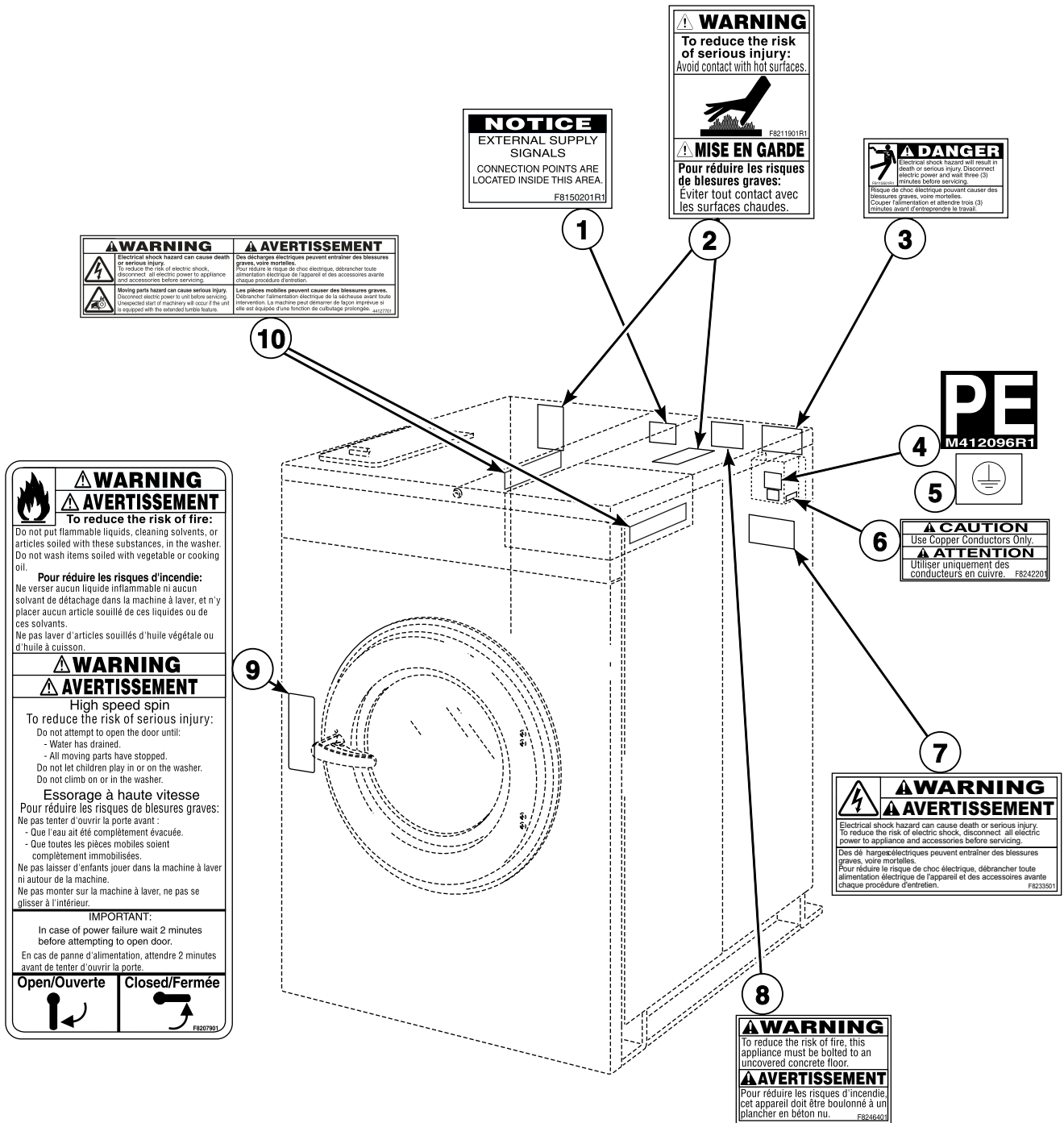
M4/Galaxy 200/Quantum Standard

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Product Overview for M4, Galaxy 200 and Quantum Standard

REF	PART NO.	DESCRIPTION	COMMENTS
1	-	Product Family	HC NC SC UC
2	-	Market	N (Domestic ETL(c)) L (International ETL(c)) U (International CE) D (Daiwa) Z (No Agency International)
3	-	Capacity (Pounds)	020 030 040 060 080 125
4	-	Control	G J L H K W
5	-	Actuation	C (Drop Coin Meter) D (Digital Coin Meter) E (Electronic World Drop) L (Prep for Remote/Central Pay) N (Non-Coin OPL) X (Prep for Coin Meter) Y (Prep for Card Reader)
6	-	Speed	2 (2 Speed) F (F-Speed) V (V-Speed)
7	-	Voltage	B (120/60/1/2) C (380-415/50/3/4) F (440-480/60/3/3) J (200/50/3/3) N (440-480/50/60/3) O (208/220-240/60/3/3) P (380-415/50/60/3) Q (200-208/220-240/50/60/3) R (380-415/440-480/50/60/3) X (200-208/220-240/50/60/1/3) Y (208/220-240/60/1/2)
8	-	Side Panel	U (Standard) 1 (Stainless Steel)
9	-	Design	1 2 3

Decals

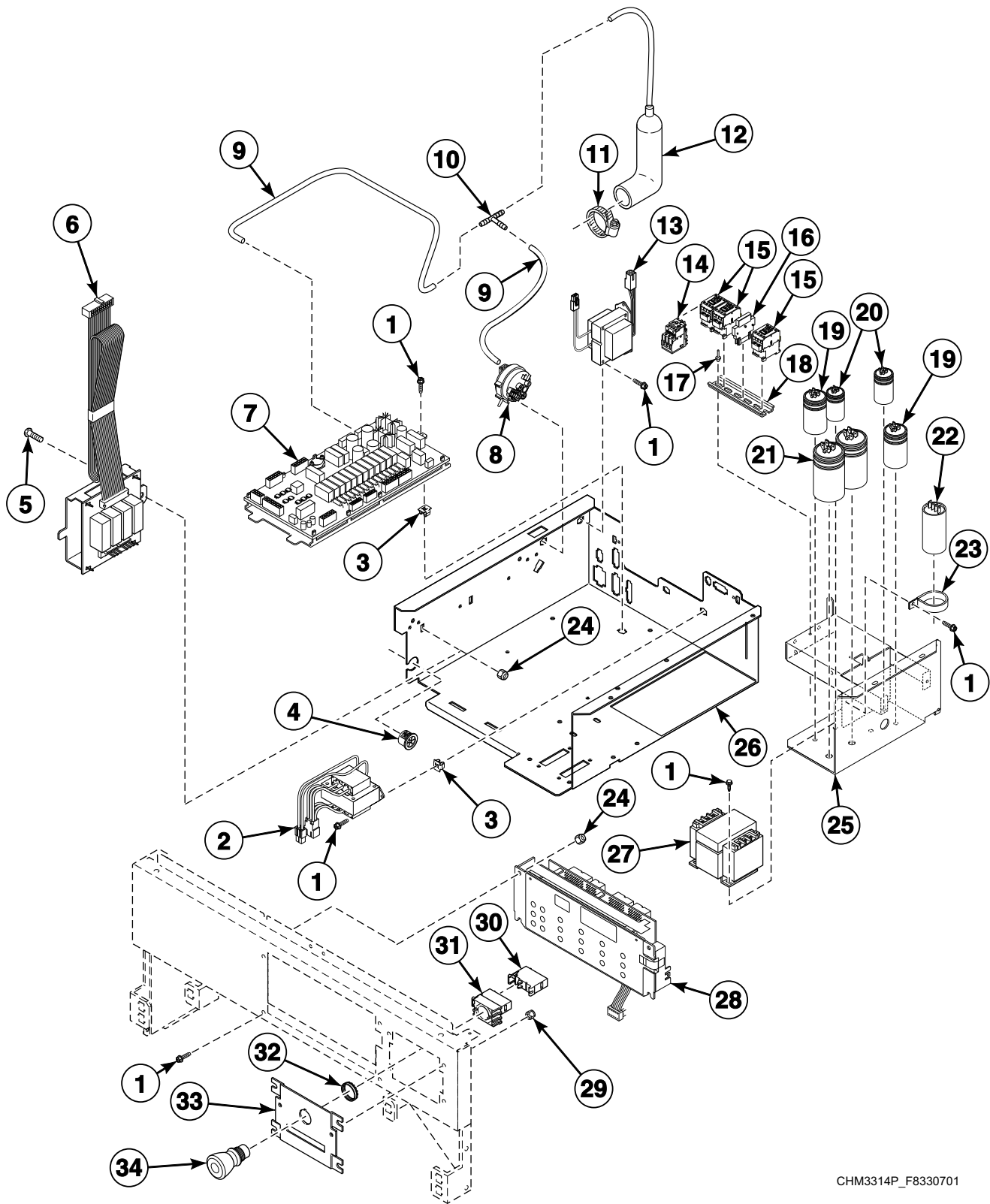


CHM3027P_F8330701

Decals

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8150201	External Supply Connection Decal	
2	F8211901	Hot Surface Warning Plate	
3	F8115501	Electric Shock Danger Label	
4	M412096	Earth Terminal Sticker	
5	F230739	Ground Decal	
6	F8242201	Use Copper Conductors Only Caution Label	
7	F8233501	Warning Label	
8	F8246401	Mount on Concrete Warning Label	
9	F8207901	Warning Label	
10	44127701	Warning Label	

Control Module - 2 Speed OPL Models

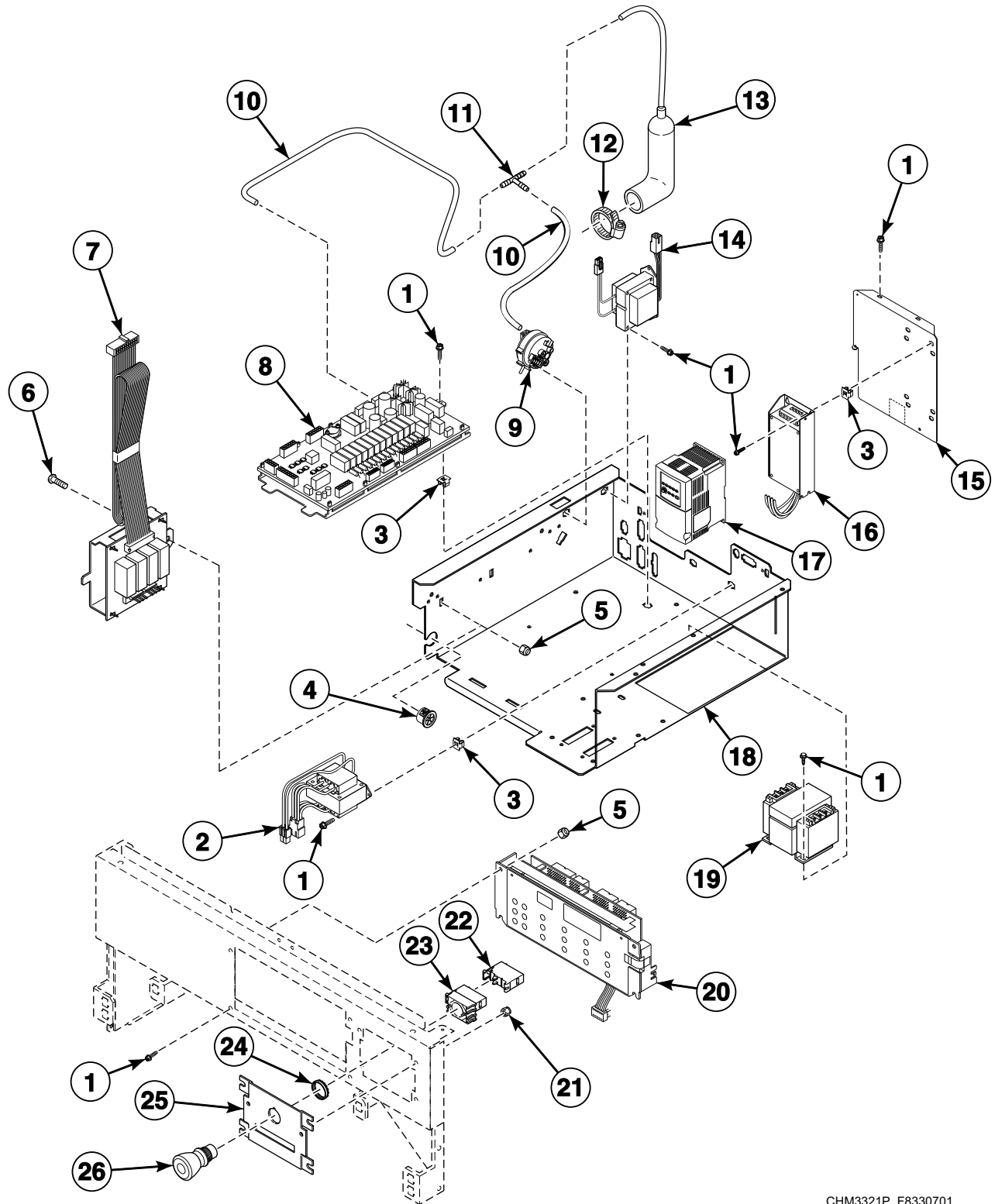


CHM3314P_F8330701

Control Module - 2 Speed OPL Models

REF	PART NO.	DESCRIPTION	COMMENTS
	F8028701	Output/Logic Harness	
	F8060501	Emergency Stop Harness	
	F8028101P	Machine Size Configuration Harness	20 pound models
	F8028103P	Machine Size Configuration Harness	30 pound models
	F8028104P	Machine Size Configuration Harness	40 pound models
	F8028105P	Machine Size Configuration Harness	60 pound models
	F8167901	USB IR Device Assembly	
	F8191201P	External Supply Harness	
	F937P3	External Supply Kit	Includes items 1, 6, 13, F8191201P External Supply Harness and screws
	M413506	Jumper Harness Assembly	208 Volt
	M413507	Jumper Configuration Assembly	240 Volt
1	F8206901	Screw	
2	803527P	Transformer	
3	70030501	Expansion Clip	
4	44071501	Snap Bushing	
5	F430903	Screw	
6	F8189401	Auxiliary Control Assembly	
7	F980P3	Control Assembly Kit	Includes item 10 and F8108001 Output Assembly
	802493	Fuse	2.5 Amp
8	F8223001P	Water Pressure Switch	
9	F8153901	Tubing	
10	F8246601	Tee	
11	F200222	Hose Clamp	No. 12
12	F020014200	Air Trap Hose	
13	201616P	Transformer	External supply
14	F8176101P	Overload Contactor	
15	F330177P	Contacto	
16	F330186P	Interlock Contactor	
17	70058501	Pop Rivet	
18	F8200101	DIN Rail	
19	F8411901	Capacitor	50 MFD; 20 pound models Y-voltage, 1 used; 40 pound models Y-voltage, 2 used
	F370221	Capacitor	100 MFD; 20 pound models B-voltage, 1 used
20	F8411701	Capacitor	20 MFD; 30 pound models Y-voltage, 4 used; 40 pound models Y-voltage, 2 used
	F8411801	Capacitor	25 MFD; 20 pound models Y-voltage, 2 used
21	F370218P	Capacitor	160 MFD; 40 pound models Y-voltage, 2 used
	F370220	Capacitor	130 MFD; 20 pound models B-voltage, 2 used; 30 pound models Y-voltage, 1 used
22	F340002	Motor Switch	50 Amp
23	F0340722-00	Switch Clamp	
24	F430232	Nut	
25	F8199601	Capacitor Tray Assembly	20 pound models; B and Y-voltage
	F8199901	Capacitor Tray Assembly	All other models; B and Y-voltage
	F8343401	Contacto	C, F, J and O-voltage
26	F8205901	Control Tray Assembly	
27	F360157P	Transformer	B-voltage
28	F997P3	Control Kit	HCN, HCZ, SCN, SCZ, UCN and UCZ models
	F998P3	Control Kit	HCL, HCU, SCL, SCU, UCL and UCU models
29	F431017	Nut	
30	F8069501	Contact Switch	
31	F200233401	Contact Block Switch	
32	24205	Nut	
33	F8201301	Emergency Stop Plate	
34	F200233500	Emergency Stop Pushbutton	

Control Module - F-Speed Design 1 OPL Models

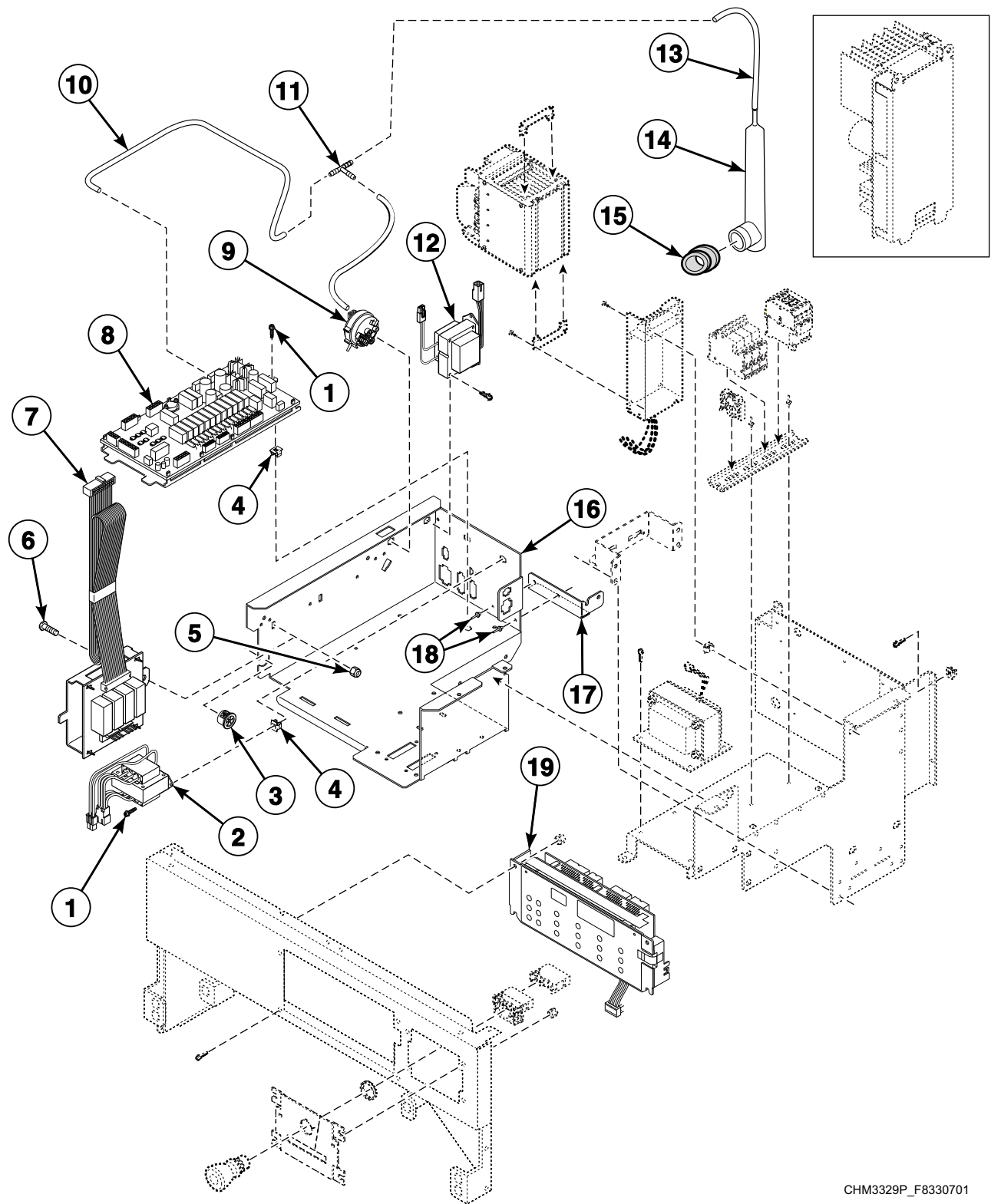


CHM3321P_F8330701

Control Module - F-Speed Design 1 OPL Models

REF	PART NO.	DESCRIPTION	COMMENTS
	F8028701	Output/Logic Harness	
	F8060501	Emergency Stop Harness	
	F8028101P	Machine Size Configuration Harness	20 pound models
	F8028103P	Machine Size Configuration Harness	30 pound models
	F8028104P	Machine Size Configuration Harness	40 pound models
	F8028105P	Machine Size Configuration Harness	60 pound models
	F8167901	USB IR Device Assembly	
	F8191201P	External Supply Harness	
	F937P3	External Supply Kit	Includes items 1, 8, 15, F8191201P External Supply Harness and screws
	M413506	Jumper Harness Assembly	208 Volt
	M413507	Jumper Configuration Assembly	240 Volt
	F8261501P	Control Tray Harness	
1	F8206901	Screw	
2	803527P	Transformer	
3	70030501	Expansion Clip	
4	44071501	Snap Bushing	
5	F430232	Nut	
6	F430903	Screw	
7	F8189401	Auxiliary Control Assembly	
8	F980P3	Control Assembly Kit	Includes item 11 and F8108001 Output Assembly
	802493	Fuse	2.5 Amp
9	F8223001P	Water Pressure Switch	
10	F8153901	Tubing	
11	F8246601	Tee	
12	F200222	Hose Clamp	No. 12
13	F020014200	Air Trap Hose	
14	201616P	Transformer	External supply
15	F8195803	Support Bracket	
16	F8053901P	EMI Filter	240 Volt; International models
	F8053902	EMI Filter	480 Volt; International models
17	F8169401	PowerFlex 40 Drive	20 pound models; Models through 2/28/10; Q and X-voltage
	F8169402	PowerFlex 40 Drive	20 pound models; Models through 2/28/10; N, P and R-voltage
	F8169403	PowerFlex 40 Drive	30 pound models; Models through 2/28/10; Q and X-voltage
	F8169404	PowerFlex 40 Drive	30 pound models; Models through 2/28/10; N, P and R-voltage
	F8169405	PowerFlex 40 Drive	40 pound models; Models through 3/8/10; Q and X-voltage
	F8169406	PowerFlex 40 Drive	40 pound models; Models through 3/8/10; N, P and R-voltage
	F8169407	PowerFlex 40 Drive	60 pound models; Models through 3/8/10; Q and X-voltage
	F8169408	PowerFlex 40 Drive	60 pound models; Models through 3/8/10; N, P and R-voltage
	F8169434	PowerFlex 40 Drive	20 pound models; Models starting 3/1/10; Q and X-voltage
	F8169435	PowerFlex 40 Drive	20 pound models; Models starting 3/1/10; N, P and R-voltage
	F8169436	PowerFlex 40 Drive	30 pound models; Models starting 3/1/10; Q and X-voltage
	F8169437	PowerFlex 40 Drive	30 pound models; Models starting 3/1/10; N, P and R-voltage
	F8169438	PowerFlex 40 Drive	40 pound models; Models starting 3/9/10; Q and X-voltage
	F8169439	PowerFlex 40 Drive	40 pound models; Models starting 3/9/10; N, P and R-voltage
	F8169440	PowerFlex 40 Drive	60 pound models; Models starting 3/9/10; Q and X-voltage
	F8169441	PowerFlex 40 Drive	60 pound models; Models starting 3/9/10; N, P and R-voltage
18	F8205902	Control Tray Assembly	20 and 30 pound models
	F8205903	Control Tray Assembly	40 and 60 pound models
19	F360157P	Transformer	B-voltage
20	F997P3	Control Kit	HCN, SCN and UCN F-speed models
	F998P3	Control Kit	HCL, HCU, SCL, SCU, UCL and UCU F-speed models
21	F431017	Nut	
22	F8069501	Contact Switch	
23	F200233401	Contact Block Switch	
24	24205	Nut	
25	F8201301	Emergency Stop Plate	
26	F200233500	Emergency Stop Pushbutton	

Control Module - F and V-Speed Design 2 and 3 OPL Models (Drawing 1 of 2)

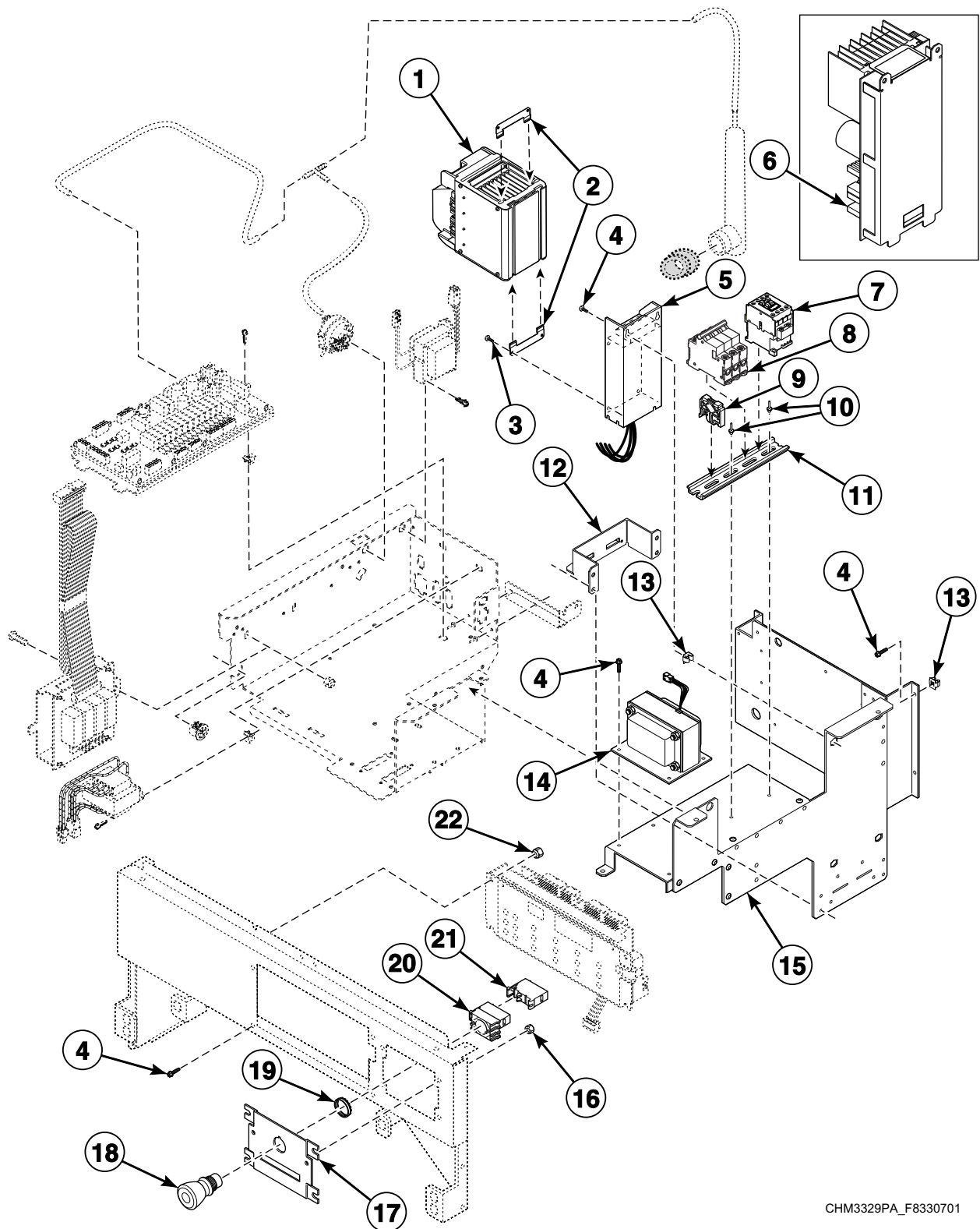


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Control Module - F and V-Speed Design 2 and 3 OPL Models (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	F8028701	Output/Logic Harness	
	F8060501	Emergency Stop Harness	
	F8028101P	Machine Size Configuration Harness	20 pound models
	F8028103P	Machine Size Configuration Harness	30 pound models
	F8028104P	Machine Size Configuration Harness	40 pound models
	F8028105P	Machine Size Configuration Harness	60 pound models
	F8167901	USB IR Device Assembly	
	F8191201P	External Supply Harness	
	F937P3	External Supply Kit	Includes items 1, 8, 15, F8191201P External Supply Harness and screws
	M413506	Jumper Harness Assembly	208 Volt
	M413507	Jumper Configuration Assembly	240 Volt
	F8261501P	Control Tray Harness	
1	F8206901	Screw	
2	803527P	Transformer	
3	44071501	Snap Bushing	
4	70030501	Expansion Clip	
5	F430232	Nut	
6	F430903	Screw	
7	F8189401	Auxiliary Control Assembly	
8	F980P3	Control Assembly Kit	Includes item 11 and F8108001 Output Assembly
	802493	Fuse	2.5 Amp
9	F8404401	Water Pressure Switch	Electric heat
10	F8153901	Tubing	
11	F8246601	Tee	Electric heat
	F8431001	Hose Barb Connector	All other models
12	201616P	Transformer	External supply
13	F8405301	Hose	
14	30907	Pressure Bulb	
15	F8433001	Grommet	
16	F8359701	Control Tray Assembly	20 and 30 pound models
	F8359703	Control Tray Assembly	40 and 60 pound models
17	F8375201	Tray Support Bracket	
18	70058501	Pop Rivet	
19	F120P3	Front End Control Kit	HCN and UCN F-speed models; Includes F8028701 Output/Logic Harness
	F121P3	Front End Control Kit	HCL, HCU, UCL and UCU F-speed models; Includes F8028701 Output/Logic Harness
	F115P3	Front End Control Kit	HCN and UCN V-speed models; Includes F8028701 Output/Logic Harness
	F116P3	Front End Control Kit	HCL, UCL and UCU V-speed models; Includes F8028701 Output/Logic Harness

Control Module - F and V-Speed Design 2 and 3 OPL Models (Drawing 2 of 2)

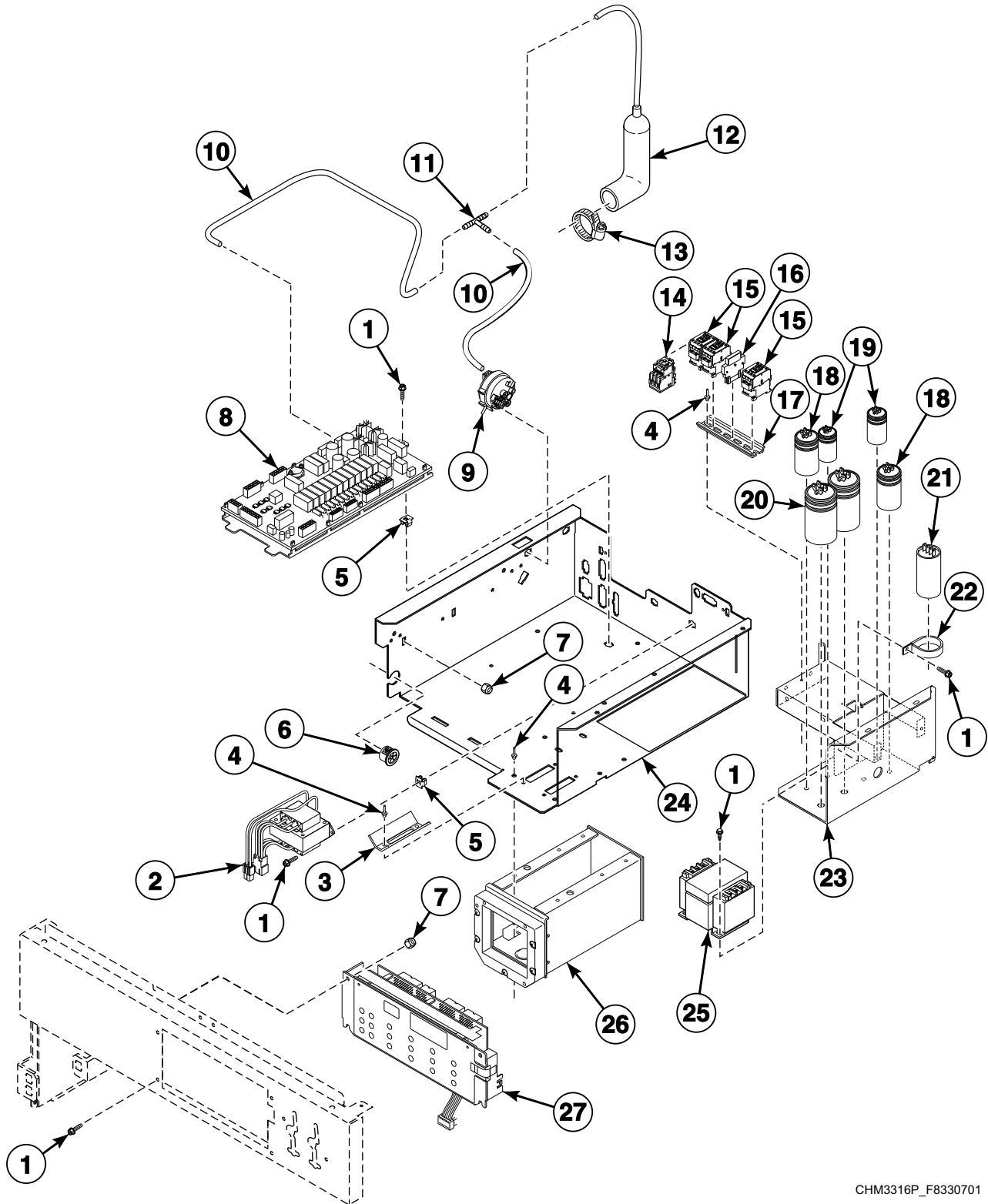


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Control Module - F and V-Speed Design 2 and 3 OPL Models (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8327301P	Drive Assembly	20 , 30 and 40 pound models; B, Q and X-voltage; 2 hp
	F8303601P	Drive Assembly	N and P-voltage; 5 hp
2	F8322401	Drive Mounting Bracket	Use with item 1
3	503688	Screw	
4	F8206901	Screw	
5	F8053901P	EMI Filter	240 Volt; International models
	F8053902	EMI Filter	480 Volt; International models
6	F8204701P	Drive Assembly	60 pound models; Q and X-voltage; 3 hp
7	F330177P	Contacto	
8	70256901P	Circuit Breaker	Electric heat models
9	F8449801	End Stop	
10	70058501	Pop Rivet	
11	F8385301	DIN Rail	
12	F8310101	Lower Drive Mounting Bracket	Use with item 6
13	70030501	Expansion Clip	
14	F8401301	Transformer	
15	F8359801	Drive Tray Assembly	20 pound models
	F8359802	Drive Tray Assembly	30 pound models
	F8359803	Drive Tray Assembly	40 and 60 pound models
16	F431017	Nut	
17	F8201301	Emergency Stop Plate	
18	F200233500	Emergency Stop Pushbutton	
19	24205	Nut	
20	F200233401	Contact Block Switch	
21	F8069501	Contact Switch	
22	F430232	Nut	

Control Module - 2 Speed Coin Models

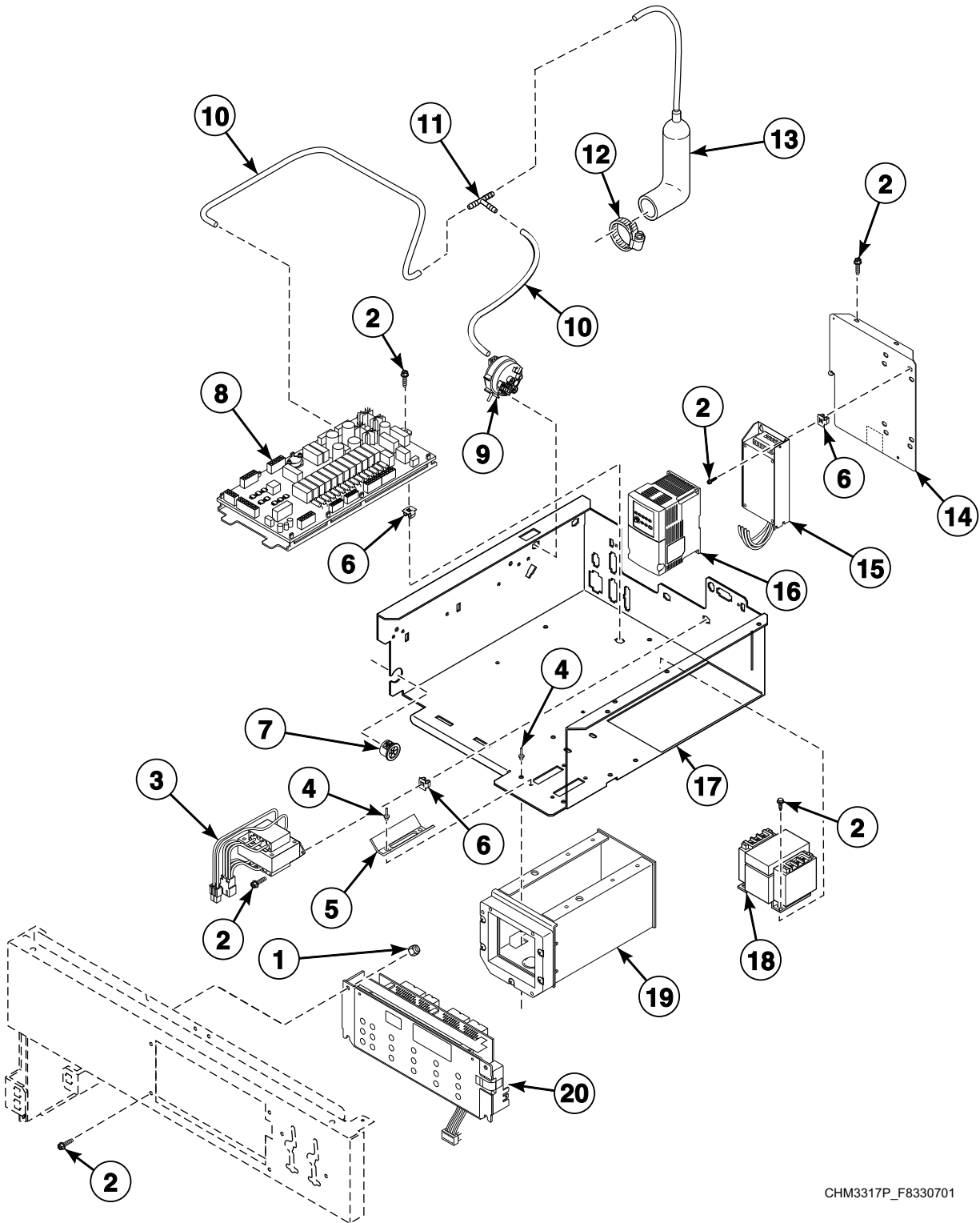


CHM3316P_F8330701

Control Module - 2 Speed Coin Models

REF	PART NO.	DESCRIPTION	COMMENTS
	F8028701	Output/Logic Harness	
	F8028101P	Machine Size Configuration Harness	20 pound models
	F8028103P	Machine Size Configuration Harness	30 pound models
	F8028104P	Machine Size Configuration Harness	40 pound models
	F8028105P	Machine Size Configuration Harness	60 pound models
	F8167901	USB IR Device Assembly	
	M413506	Jumper Harness Assembly	208 Volt
	M413507	Jumper Configuration Assembly	240 Volt
	F8191201P	External Supply Harness	
	F937P3	External Supply Kit	Includes items 1, 10, 24, F8191201P External Supply Harness and screws
1	F8206901	Screw	
2	803527P	Transformer	
3	F8170801	Coin Chute	
4	70058501	Pop Rivet	
5	70030501	Expansion Clip	
6	44071501	Snap Bushing	
7	F430232	Nut	
8	F980P3	Control Assembly Kit	Includes item 11 and F8108001 Output Assembly
	802493	Fuse	2.5 Amp
9	F8223001P	Water Pressure Switch	
10	F8153901	Tubing	
11	F8246601	Tee	
12	F020014200	Air Trap Hose	
13	F200222	Hose Clamp	No. 12
14	F8176101P	Overload Contactor	
15	F330177P	Contactor	
16	F330186P	Interlock Contactor	
17	F8200101	DIN Rail	
18	F8411901	Capacitor	50 MFD; 20 pound models Y-voltage, 1 used; 40 pound models Y-voltage, 2 used
	F370221	Capacitor	100 MFD; 20 pound models B-voltage, 1 used
19	F8411701	Capacitor	20 MFD; 30 pound models Y-voltage, 4 used; 40 pound models Y-voltage, 2 used
	F8411801	Capacitor	25 MFD; 20 pound models Y-voltage, 2 used
20	F370218P	Capacitor	160 MFD; 40 pound models Y-voltage, 2 used
	F370220	Capacitor	130 MFD; 20 pound models B-voltage, 2 used; 30 pound models Y-voltage, 1 used
21	F340002	Motor Switch	50 Amp
22	F0340722-00	Switch Clamp	
23	F8199601	Capacitor Tray Assembly	20 pound models; B and Y-voltage
	F8199901	Capacitor Tray Assembly	All other models; B and Y-voltage
	F8343401	Contactor Tray Assembly	C, F, J and O-voltage
24	F8205902	Control Tray Assembly	20 and 30 pound models; Includes items 3 and 25
	F8205903	Control Tray Assembly	40 and 60 pound models; Includes items 3 and 25
25	F360157P	Transformer	B-voltage
26	F8182501	Coin Vault Assembly	20 and 30 pound models
	F8182601	Coin Vault Assembly	40 and 60 pound models
27	F996P3	Control Kit	HCL and HCN models

Control Module - F-Speed Design 1 Coin Models

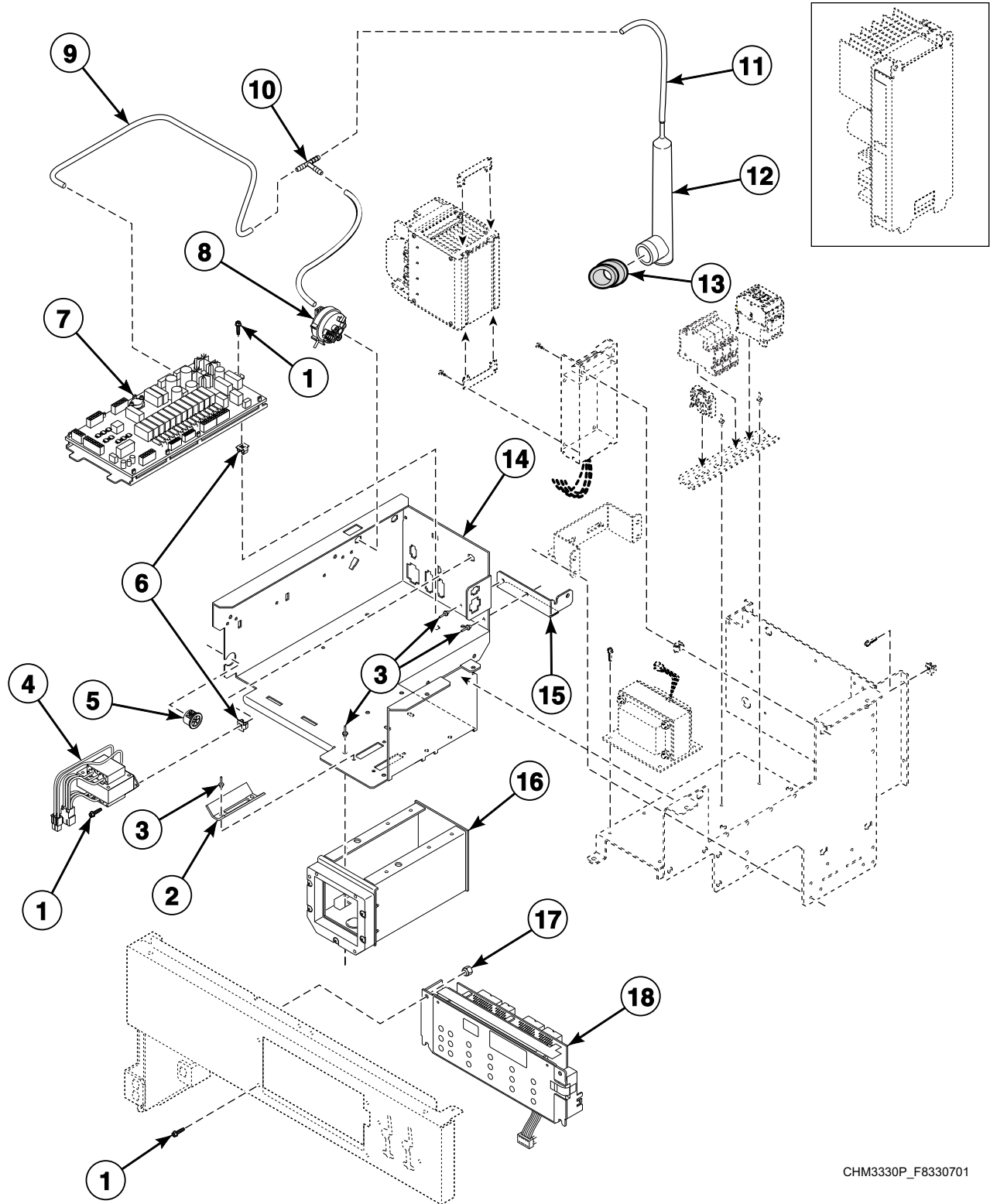


CHM3317P_F8330701

Control Module - F-Speed Design 1 Coin Models

REF	PART NO.	DESCRIPTION	COMMENTS
	F8028701	Output/Logic Harness	
	F8028101P	Machine Size Configuration Harness	20 pound models
	F8028103P	Machine Size Configuration Harness	30 pound models
	F8028104P	Machine Size Configuration Harness	40 pound models
	F8028105P	Machine Size Configuration Harness	60 pound models
	F8167901	USB IR Device Assembly	
	M413506	Jumper Harness Assembly	208 Volt
	M413507	Jumper Configuration Assembly	240 Volt
	F8191201P	External Supply Harness	
	F8261501P	Control Tray Harness	40 and 60 pound models
	F937P3	External Supply Kit	Includes items 1, 10, 24, F8191201P External Supply Harness and screws
1	F430232	Nut	
2	F8206901	Screw	
3	803527P	Transformer	
4	70058501	Pop Rivet	
5	F8170801	Coin Chute	
6	70030501	Expansion Clip	
7	44071501	Snap Bushing	
8	F980P3	Control Assembly Kit	Includes item 11 and F8108001 Output Assembly
	802493	Fuse	2.5 Amp
9	F8223001P	Water Pressure Switch	
10	F8153901	Tubing	
11	F8246601	Tee	
12	F200222	Hose Clamp	No. 12
13	F020014200	Air Trap Hose	
14	F8195803	Support Bracket	
15	F8053901P	EMI Filter	240 Volt; International model
	F8053902	EMI Filter	480 Volt; International model
16	F8169401	PowerFlex 40 Drive	20 pound models; Models through 2/28/10; Q and X-voltage
	F8169402	PowerFlex 40 Drive	20 pound models; Models through 2/28/10; N, P and R-voltage
	F8169403	PowerFlex 40 Drive	30 pound models; Models through 2/28/10; Q and X-voltage
	F8169404	PowerFlex 40 Drive	30 pound models; Models through 2/28/10; N, P and R-voltage
	F8169405	PowerFlex 40 Drive	40 pound models; Models through 3/8/10; Q and X-voltage
	F8169406	PowerFlex 40 Drive	40 pound models; Models through 3/8/10; N, P and R-voltage
	F8169407	PowerFlex 40 Drive	60 pound models; Models through 3/8/10; Q and X-voltage
	F8169408	PowerFlex 40 Drive	60 pound models; Models through 3/8/10; N, P and R-voltage
	F8169434	PowerFlex 40 Drive	20 pound models; Models starting 3/1/10; Q and X-voltage
	F8169435	PowerFlex 40 Drive	20 pound models; Models starting 3/1/10; N, P and R-voltage
	F8169436	PowerFlex 40 Drive	30 pound models; Models starting 3/1/10; Q and X-voltage
	F8169437	PowerFlex 40 Drive	30 pound models; Models starting 3/1/10; N, P and R-voltage
	F8169438	PowerFlex 40 Drive	40 pound models; Models starting 3/9/10; Q and X-voltage
	F8169439	PowerFlex 40 Drive	40 pound models; Models starting 3/9/10; N, P and R-voltage
	F8169440	PowerFlex 40 Drive	60 pound models; Models starting 3/9/10; Q and X-voltage
	F8169441	PowerFlex 40 Drive	60 pound models; Models starting 3/9/10; N, P and R-voltage
17	F8205902	Control Tray Assembly	20 and 30 pound models; Includes items 5 and 19
	F8205903	Control Tray Assembly	40 and 60 pound models; Includes items 5 and 19
18	F360157P	Transformer	B-voltage
19	F8182501	Coin Vault Assembly	20 and 30 pound models
	F8182601	Coin Vault Assembly	40 and 60 pound models
20	F996P3	Control Kit	

Control Module - F-Speed Design 2 and 3 Coin Models (Drawing 1 of 2)



CHM3330P_F8330701

Control Module - F-Speed Design 2 and 3 Coin Models (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	F8028701	Output/Logic Harness	
	F8028101P	Machine Size Configuration Harness	20 pound models
	F8028103P	Machine Size Configuration Harness	30 pound models
	F8028104P	Machine Size Configuration Harness	40 pound models
	F8028105P	Machine Size Configuration Harness	60 pound models
	F8167901	USB IR Device Assembly	
	M413506	Jumper Harness Assembly	208 Volt
	M413507	Jumper Configuration Assembly	240 Volt
	F8191201P	External Supply Harness	
	F937P3	External Supply Kit	Includes items 1, 9, F8191201P External Supply Harness and screws
1	F8206901	Screw	
2	F8170801	Coin Chute	
3	70058501	Pop Rivet	
4	803527P	Transformer	
5	44071501	Snap Bushing	
6	70030501	Expansion Clip	
7	F980P3	Control Assembly Kit	Includes item 10 and F8108001 Output Assembly
8	F8404401	Water Pressure Switch	
9	F8153901	Tubing	
10	F8246601	Tee	Electric heat
	F8431001	Hose Barb Connector	All other models
11	F8405301	Hose	
12	30907	Pressure Bulb	
13	F8433001	Grommet	
14	F8359602	Control Tray Assembly	20 and 30 pound models; Design 2; Includes item 2
	F8359707	Control Tray Assembly	20 and 30 pound models; Design 3
	F8359604	Control Tray Assembly	40 and 60 pound models; Includes item 2
15	F8375201	Tray Support Bracket	
16	F8182501	Coin Vault Assembly	20 and 30 pound models; Design 2
	F8182601	Coin Vault Assembly	All other models
17	F431017	Nut	
18	F118P3	Front End Control Kit	Includes F8028701 Output/Logic Harness

This exploded view diagram illustrates the assembly of the CHM3330PA_F8330701. The components are numbered as follows:

- 1**: Main rectangular module.
- 2**: Small bracket or connector on top of the module.
- 3**: Circular component, likely a fan or filter.
- 4**: Two different L-shaped mounting brackets.
- 5**: Cable with a connector.
- 6**: Small mounting plate or bracket.
- 7**: Detail view of a connector or pin.
- 8**: Small electronic component.
- 9**: Another small electronic component.
- 10**: Small connector or plug.
- 11**: Long, thin mounting rail.
- 12**: Small screws or fasteners.
- 13**: Small rectangular component, possibly a sensor or indicator.
- 14**: Large mounting plate or base.

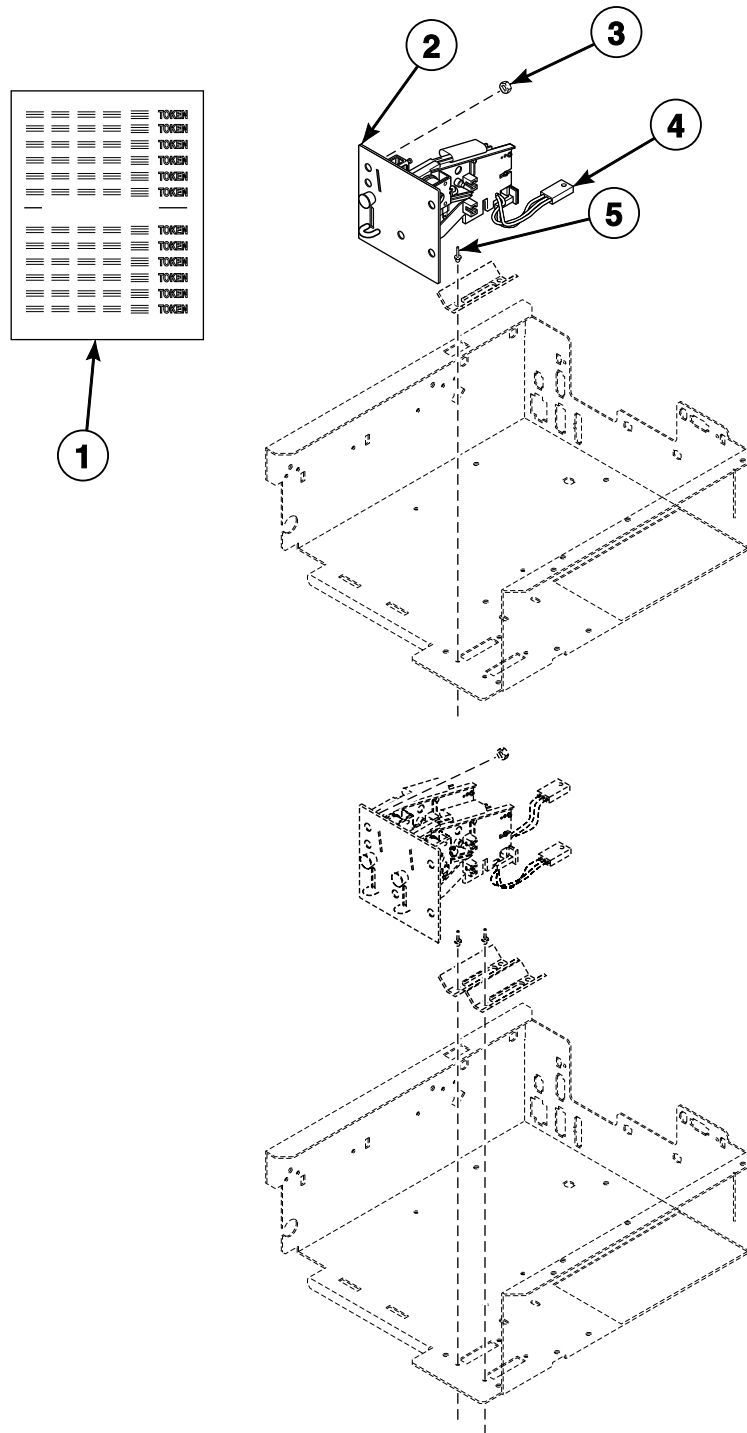
The diagram shows the spatial relationship between these parts, with dashed lines indicating the assembly path. A detailed inset for part 7 is provided in the top right corner.

F8330701

Control Module - F-Speed Design 2 and 3 Coin Models (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	F8028701	Output/Logic Harness	
	F8028101P	Machine Size Configuration Harness	20 pound models
	F8028103P	Machine Size Configuration Harness	30 pound models
	F8028104P	Machine Size Configuration Harness	40 pound models
	F8028105P	Machine Size Configuration Harness	60 pound models
	F8167901	USB IR Device Assembly	
	M413506	Jumper Harness Assembly	208 Volt
	M413507	Jumper Configuration Assembly	240 Volt
	F8191201P	External Supply Harness	
	F937P3	External Supply Kit	Includes item 4, F8191201P External Supply Harness and screws
1	F8327301P	Drive Assembly	20 , 30 and 40 pound models; B, Q and X-voltage; 2 hp
	F8303601P	Drive Assembly	N and P-voltage; 5 hp
2	F8322401	Drive Mounting Bracket	Use with item 1
3	503688	Screw	
4	F8206901	Screw	
5	F8053901P	EMI Filter	240 Volt; International models
	F8053902	EMI Filter	480 Volt; International models
6	F8310101	Lower Drive Mounting Bracket	Use with item 7
7	F8204701P	Drive Assembly	60 pound models; Q and X-voltage; 3 hp
8	F330177P	Contactor	
9	70256901P	Circuit Breaker	Electric heat
10	70121001	End Stop	
11	F8385301	DIN Rail	
12	70030501	Expansion Clip	
13	F8401301	Transformer	
14	F8359801	Drive Tray Assembly	20 pound models
	F8359802	Drive Tray Assembly	30 pound models
	F8359803	Drive Tray Assembly	40 and 60 pound models

Flush Mount Coin Meter Assembly - Single Drop



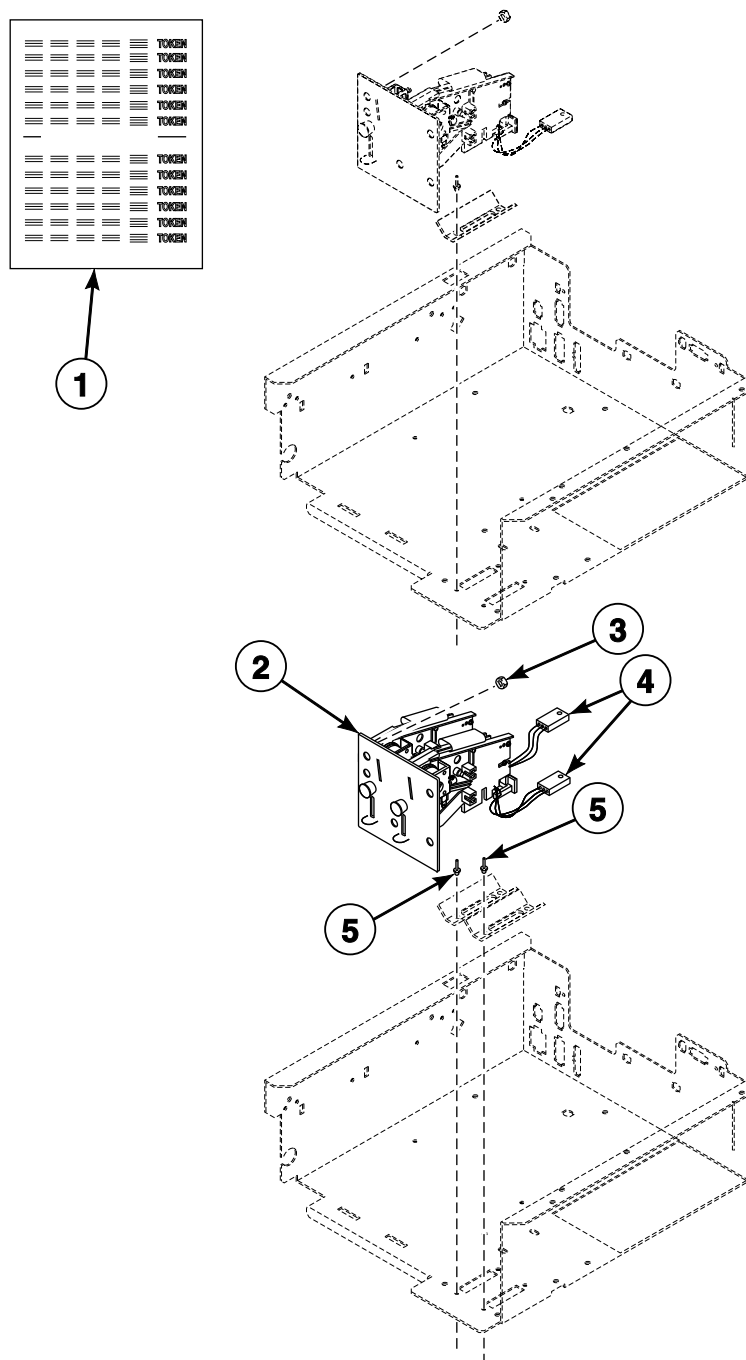
CHM3088P_F8330701

Flush Mount Coin Meter Assembly - Single Drop

REF	PART NO.	DESCRIPTION	COMMENTS
	F200010000P	Coin Meter Assembly	U.S. \$.25; Includes items 2 and 3
	F200010006	Coin Meter Assembly	.800 token; Includes items 2 and 3
	F200010007	Coin Meter Assembly	.880 token; Includes items 2 and 3
	F200010009	Coin Meter Assembly	.990 token; Includes items 2 and 3
	F200010011	Coin Meter Assembly	Jeton WH121 token; Includes items 2 and 3
	F200010012	Coin Meter Assembly	Jeton .08 token; Includes items 2 and 3
1	38725	Coin Identification Paper	
2	38464P	Coin Drop Assembly	Canada .25
	N/A	Coin Drop Assembly	Australia .20
	N/A	Coin Drop Assembly	Belgium 5 franc
	N/A	Coin Drop Assembly	Denmark 2 krone
	N/A	Coin Drop Assembly	United Kingdom 20 pence
	N/A	Coin Drop Assembly	France 2 franc
	N/A	Coin Drop Assembly	Hong Kong 5 dollar
	N/A	Coin Drop Assembly	Italy 500 lirraiget
	N/A	Coin Drop Assembly	Japan 100 yen
	N/A	Coin Drop Assembly	Korea 500 won
	N/A	Coin Drop Assembly	South Africa 2 rand
	N/A	Coin Drop Assembly	Spain 100 peseta
	N/A	Coin Drop Assembly	Thailand 10 baht
	N/A	Coin Drop Assembly	.886 token
	N/A	Coin Drop Assembly	1.000 token
	N/A	Coin Drop Assembly	Jeton 08 token
	70441601P	Coin Drop	U.S. \$.25
	N/A	Coin Drop Assembly	.800 token
	38462P	Coin Drop Assembly	.880 token
	38463	Coin Drop Assembly	.990 token
	N/A	Coin Drop Assembly	Jeton WH121 token
	N/A	Coin Meter	Jeton .08 token
3	685846	Nut	
4	200674P	Opto Coupler	
5	70058501	Pop Rivet	

N/A = Part no longer available

Flush Mount Coin Meter Assembly - Dual Drop



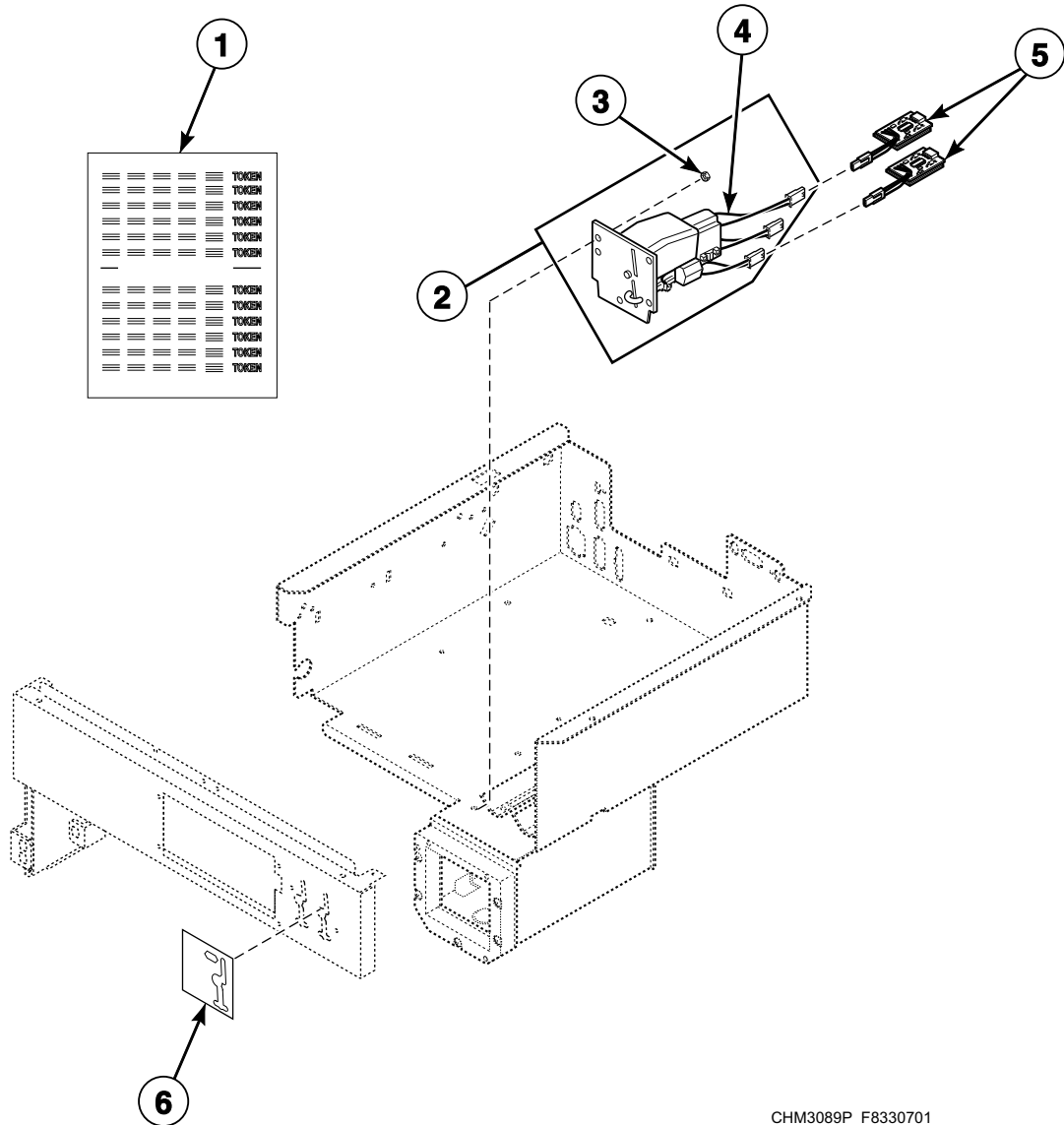
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Flush Mount Coin Meter Assembly - Dual Drop

REF	PART NO.	DESCRIPTION	COMMENTS
	F200010001	Coin Meter Assembly	Australia .20 and 1.00; Includes items 2 and 3
	F200010002	Coin Meter Assembly	100 and 500 yen; Includes items 2 and 3
	F200010003	Coin Meter Assembly	Canada .25 and 1.00; Includes items 2 and 3
	F200010004	Coin Meter Assembly	New Zealand .20 and 1.00; Includes items 2 and 3
	F200010005	Coin Meter Assembly	U.S. \$.25 and \$1.00; Includes items 2 and 3
	F200010008	Coin Meter Assembly	.50 and 2.00 euro; Includes items 2 and 3
	F200010010	Coin Meter Assembly	10 and 50 Taiwan; Includes items 2 and 3
1	38725	Coin Identification Paper	
2	N/A	Coin Meter	10 and 50 Taiwan
	N/A	Coin Meter	Belgium 5 and 20 franc
	N/A	Coin Meter	Denmark 1 and 5 krone
	N/A	Coin Meter	Denmark 5 and 10 krone
	38472	Coin Drop Assembly	United Kingdom 20 pence and 1 pound
	N/A	Coin Meter	.20 and .50 euro
	210195	Coin Drop Assembly	.20 and 1.00 euro
	210196	Coin Drop Assembly	.50 and 1.00 euro
	N/A	Coin Meter	2 and 5 franc
	N/A	Coin Meter	2 and 10 franc
	39157	Coin Drop Assembly	Israel 1 and 5 shekel
	38521	Coin Drop Assembly	Korea 100 and 500 won
	N/A	Coin Meter	Spain 100 and 500 peseta
	N/A	Coin Drop Assembly	Australia .20 and 1.00
	N/A	Coin Drop Assembly	Japan 100 and 500 yen
	N/A	Coin Drop Assembly	Canada .25 and 1.00
	N/A	Coin Drop Assembly	New Zealand .20 and 1.00
	70256402P	Coin Drop	U.S. \$.25 and \$1.00
	F0160737-00	Coin Meter	.50 and 2.00 euro
	70281102	Coin Drop Assembly	Taiwan 10 and 50 dollar
	N/A	Coin Meter	Taiwan 5 and 10 dollar
3	685846	Nut	
4	200674P	Opto Coupler	
5	70058501	Pop Rivet	

N/A = Part no longer available

Electronic Coin Meter Assembly

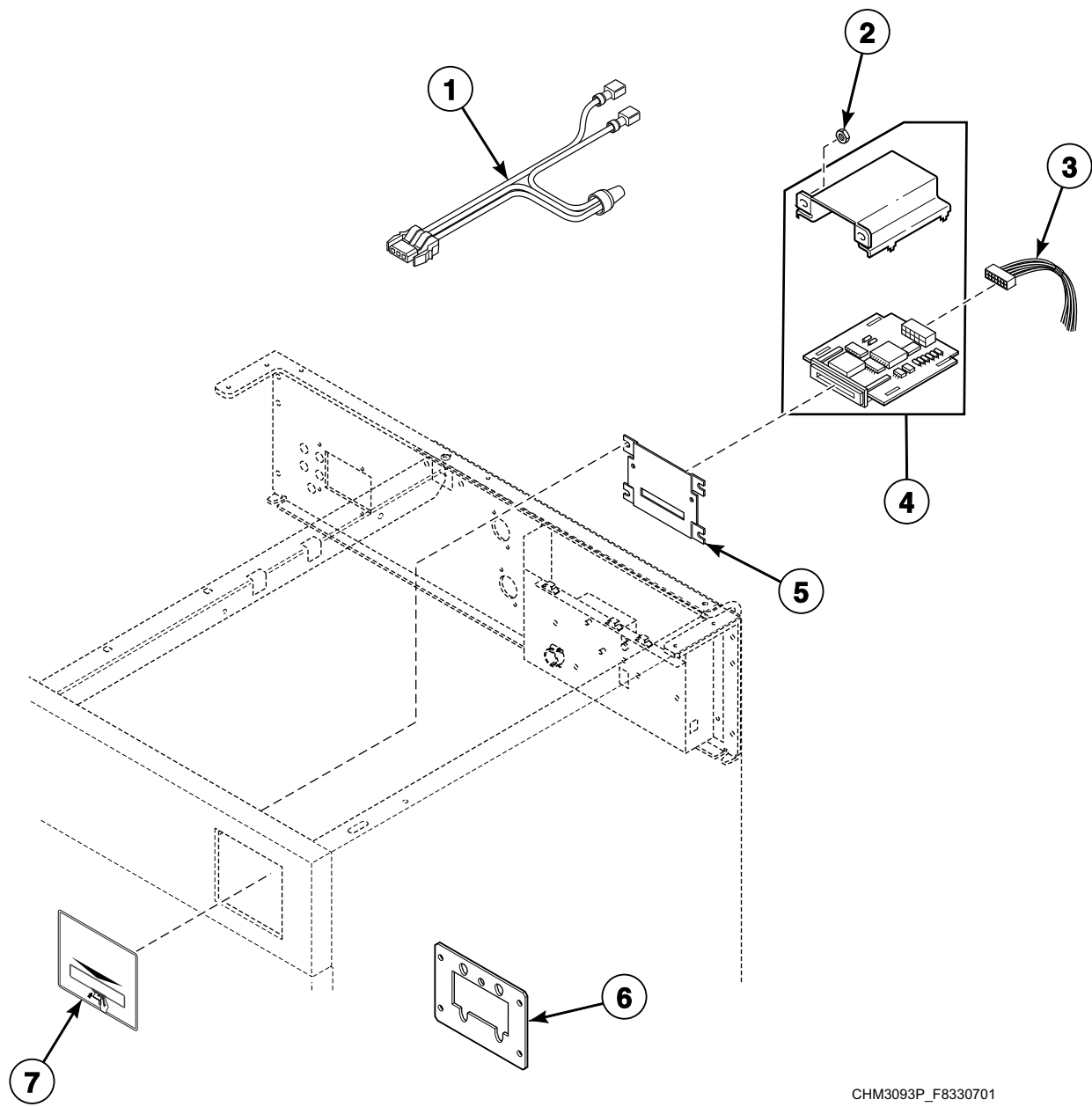


CHM3089P_F8330701

Electronic Coin Meter Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	CK500	Electronic Coin Drop Kit	Includes item 2
1	38725	Coin Identification Paper	
2	F200021600P	Coin Meter Assembly	U.S., Canada, Japan and Taiwan; Includes items 3 and 4; Requires CK500 Electronic Coin Drop Kit for installation
	F200021601	Coin Meter Assembly	Australia, New Zealand, Hong Kong, South Korea and Malaysia; Includes items 3 and 4; Requires CK500 Electronic Coin Drop Kit for installation
	F200021602	Coin Meter Assembly	United Kingdom and euro; Includes items 3 and 4; Requires CK500 Electronic Coin Drop Kit for installation
	F200021603	Coin Meter Assembly	Denmark, Norway and euro; Includes items 3 and 4; Requires CK500 Electronic Coin Drop Kit for installation
	F200021604	Coin Meter Assembly	U.S., Mexico and Ecuador; Includes items 3 and 4; Requires CK500 Electronic Coin Drop Kit for installation
	F200021605	Coin Meter Assembly	Euro, Latvia and Lithuania; Includes items 3 and 4; Requires CK500 Electronic Coin Drop Kit for installation
	F8238601	Coin Meter Assembly	China, Russia and Malaysia; Includes items 3 and 4; Requires CK500 Electronic Coin Drop Kit for installation
3	685846	Nut	
4	CK115	Electronic Coin Drop Kit	U.S. and Canada; Includes item 1; Requires CK500 Electronic Coin Drop Kit for installation
	CK113	Electronic Coin Drop Kit	Japan and Taiwan; Includes item 1; Requires CK500 Electronic Coin Drop Kit for installation
	70294105P	Electronic Coin Drop Assembly	Australia, New Zealand, Hong Kong, South Korea and Malaysia
	CK099	Electronic Coin Drop Kit	Australia, New Zealand, Hong Kong, South Korea and Malaysia; Includes item 1; Requires CK500 Electronic Coin Drop Kit for installation
	70294103P	Electronic Coin Drop Assembly	United Kingdom and euro
	CK100	Electronic Coin Drop Kit	United Kingdom and euro; Includes item 1; Requires CK500 Electronic Coin Drop Kit for installation
	70294104	Electronic Coin Drop Assembly	Denmark, Norway and euro
	CK101	Electronic Coin Drop Kit	Denmark, Norway and euro; Includes item 1; Requires CK500 Electronic Coin Drop Kit for installation
	70294106	Electronic Coin Drop Assembly	U.S., Mexico and Ecuador
	CK110	Electronic Coin Drop Kit	U.S., Mexico and Ecuador; Includes item 1; Requires CK500 Electronic Coin Drop Kit for installation
	70294107	Electronic Coin Drop Assembly	Euro, Latvia and Lithuania
	CK103	Electronic Coin Drop Kit	Euro, Latvia and Lithuania; Includes item 1; Requires CK500 Electronic Coin Drop Kit for installation
	70294109	Electronic Coin Drop Assembly	Singapore, China, Russia and Malaysia
	CK106	Electronic Coin Drop Kit	Singapore, China, Russia and Malaysia; Includes item 1; Requires CK500 Electronic Coin Drop Kit for installation
	70294111	Electronic Coin Drop Assembly	Euro
	CK109	Electronic Coin Drop Kit	Euro; Includes item 1; Requires CK500 Electronic Coin Drop Kit for installation
	70294119	Electronic Coin Drop Assembly	Thailand
	CK119	Electronic Coin Drop Kit	Thailand; Includes item 1; Requires CK500 Electronic Coin Drop Kit for installation
5	F8034701P	Pulse Expander Assembly	
6	70295301	Overlay	Gray

Card Reader - HY Models

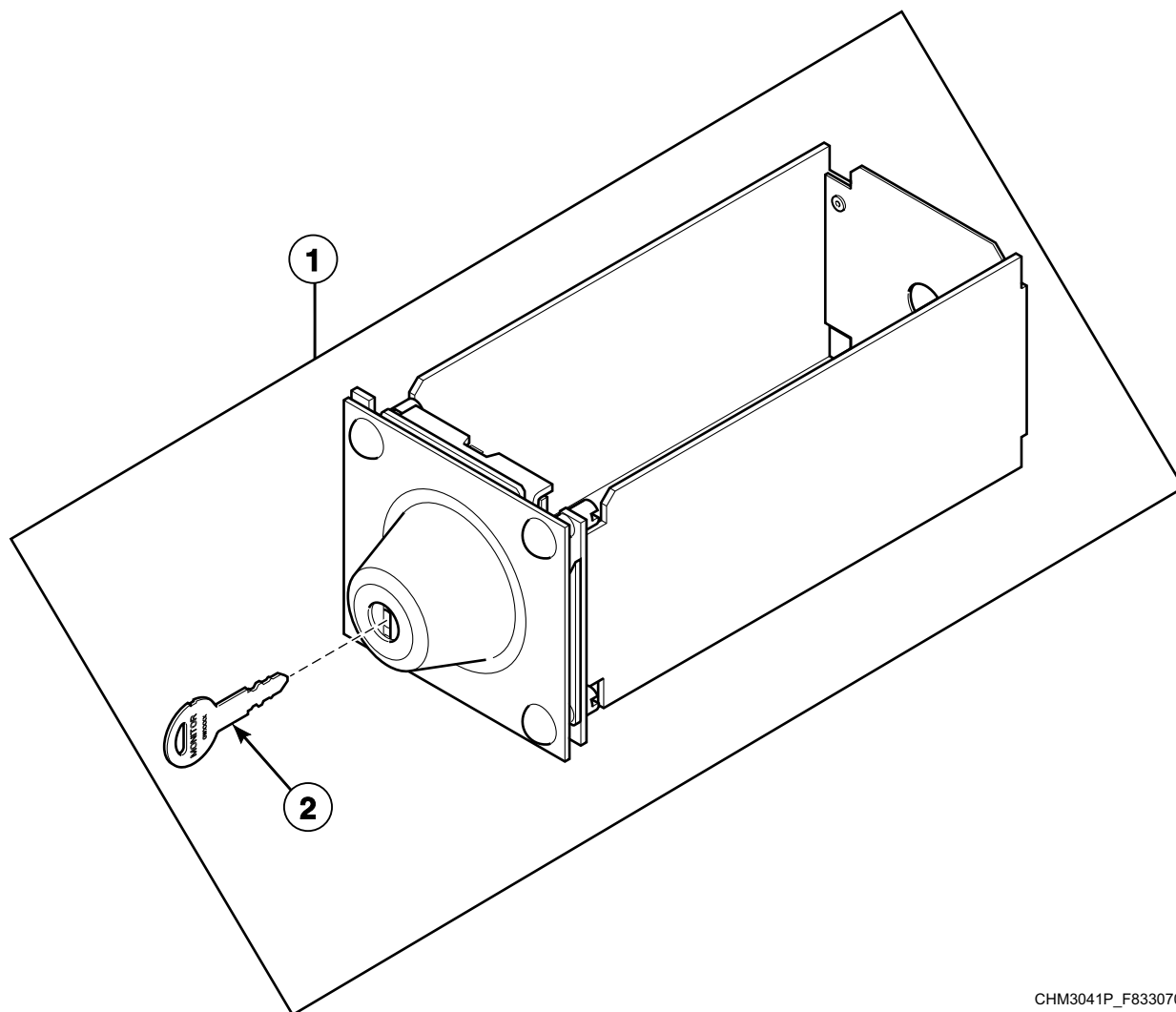


CHM3093P_F8330701

Card Reader - HY Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	F631973-2	Harness	Access
2	F430174	Screw	
3	F141887	Card Reader Harness	
4	510068P	Card Reader and Bracket Assembly	
5	F8201501	Card Plate Assembly	
6	70208801	Mounting Plate	
7	70334301	Card Reader Overlay	

Optional Coin Box

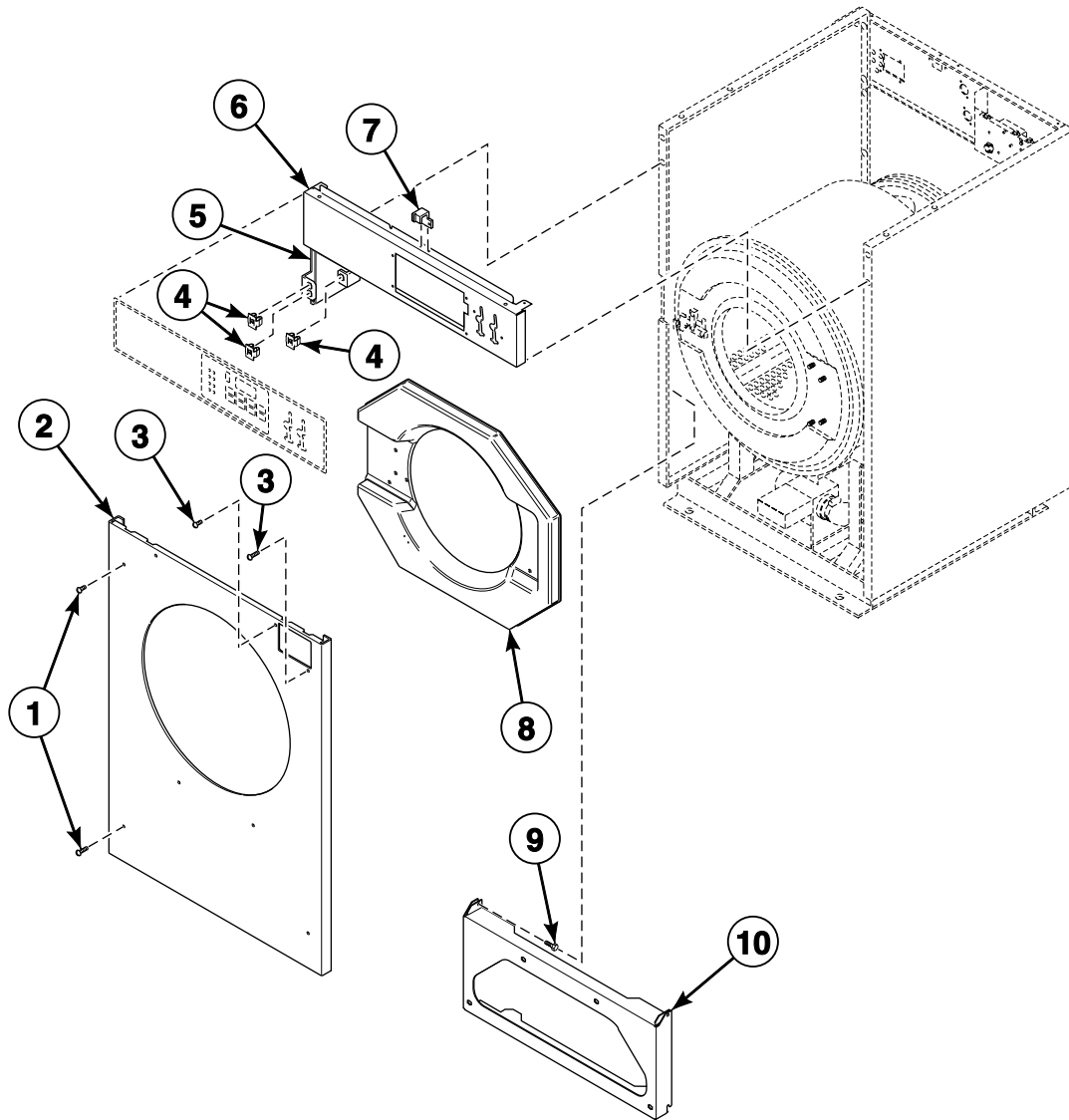


CHM3041P_F8330701

Optional Coin Box

REF	PART NO.	DESCRIPTION	COMMENTS
1	F160672	Coin Box	20 and 30 pound models; Design 1 and 2; GW0023
	F8182001	Coin Drawer Assembly	20 and 30 pound models Design 3; 40 and 60 pound models
2	F160420	Key	GW0023

Front Panels and Control Panel - Coin Models

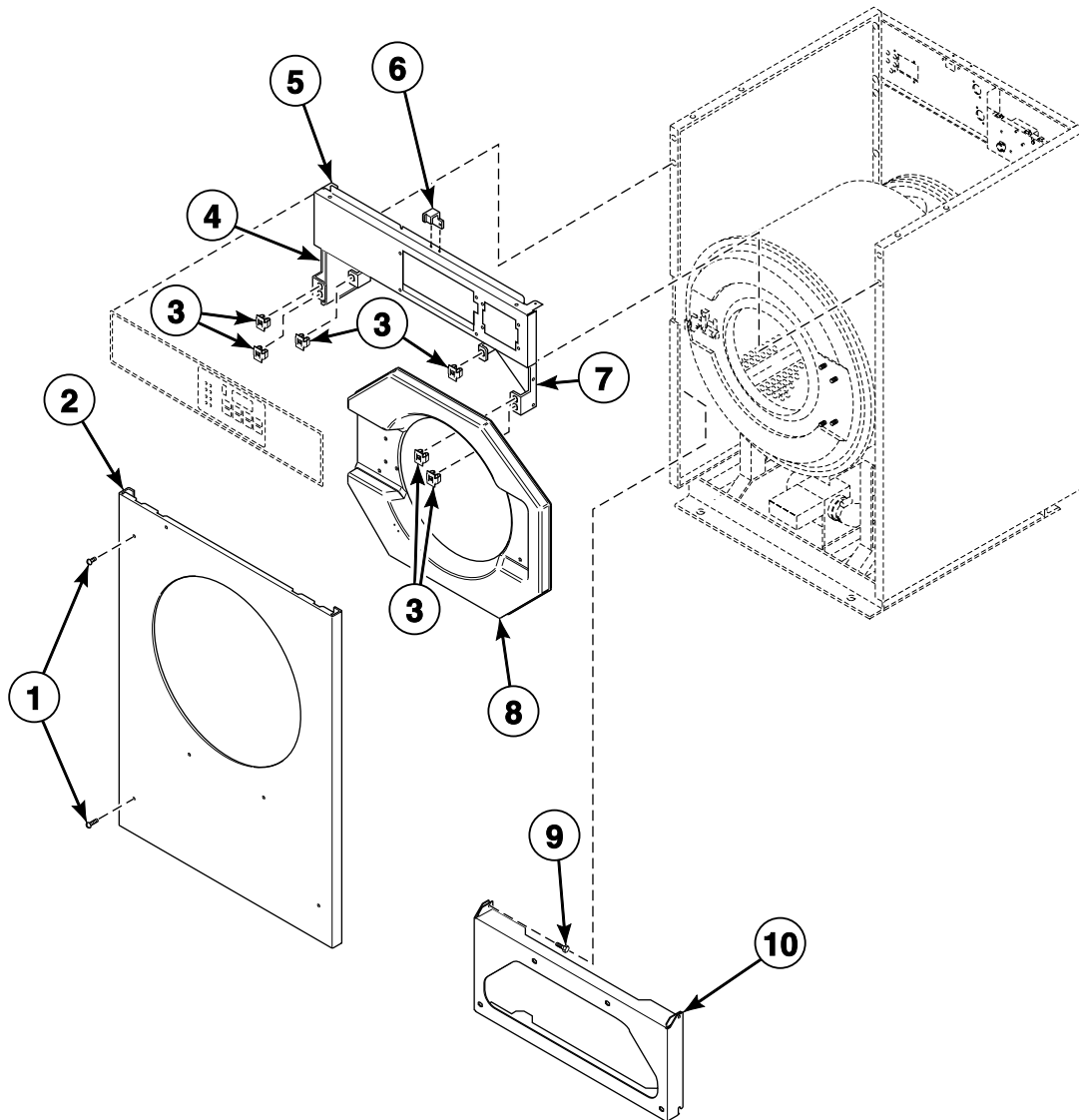


CHM3196P_F8330701

Front Panels and Control Panel - Coin Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8117601	Screw	
2	F8171301	Front Panel	20 pound models; Design 1 and 2; Stainless steel
	F8492301	Front Panel	20 pound models; Design 3; Stainless steel
	F8173001	Front Panel	30 pound models; Design 1 and 2; Stainless steel
	F8173003	Front Panel	30 pound models; Design 3; Stainless steel
	F8173101P	Front Panel	40 pound models; Stainless steel
	F8173201P	Front Panel	60 pound models; Stainless steel
3	801019	Screw	
4	70030501	Expansion Clip	
5	F8186702	Gusset Plate	
6	F8038502	Control Panel Assembly	20 pound models
	F8038602	Control Panel Assembly	30 pound models
	F8038702	Control Panel Assembly	40 pound models
	F8038802	Control Panel Assembly	60 pound models
7	F8201001	Top Cover Latch	
8	F170416-1	Door Bezel	Black
	F170416-2	Door Bezel	20 pound models; Pantone 403; Models through 1/10/10
	F170416-3	Door Bezel	20 pound models; Gray; Models starting 1/11/10
	F170417-1	Door Bezel	Black
	F170417-3	Door Bezel	30 pound models; Gray
	F0170426-00	Door Bezel	Black
	F0170426-10	Door Bezel	40 and 60 pound models; Pantone 403; Models through 1/10/10
	F0170426-30	Door Bezel	40 and 60 pound models; Gray; Models starting 1/11/10
9	F430174	Screw	
10	F8173801	Front Cabinet Brace	20 pound models
	F8173901	Front Cabinet Brace	30 pound models
	F8174001	Front Cabinet Brace	40 pound models
	F8174101	Lower Cabinet Brace	60 pound models

Front Panel and Control Panel - Card Reader and OPL Models

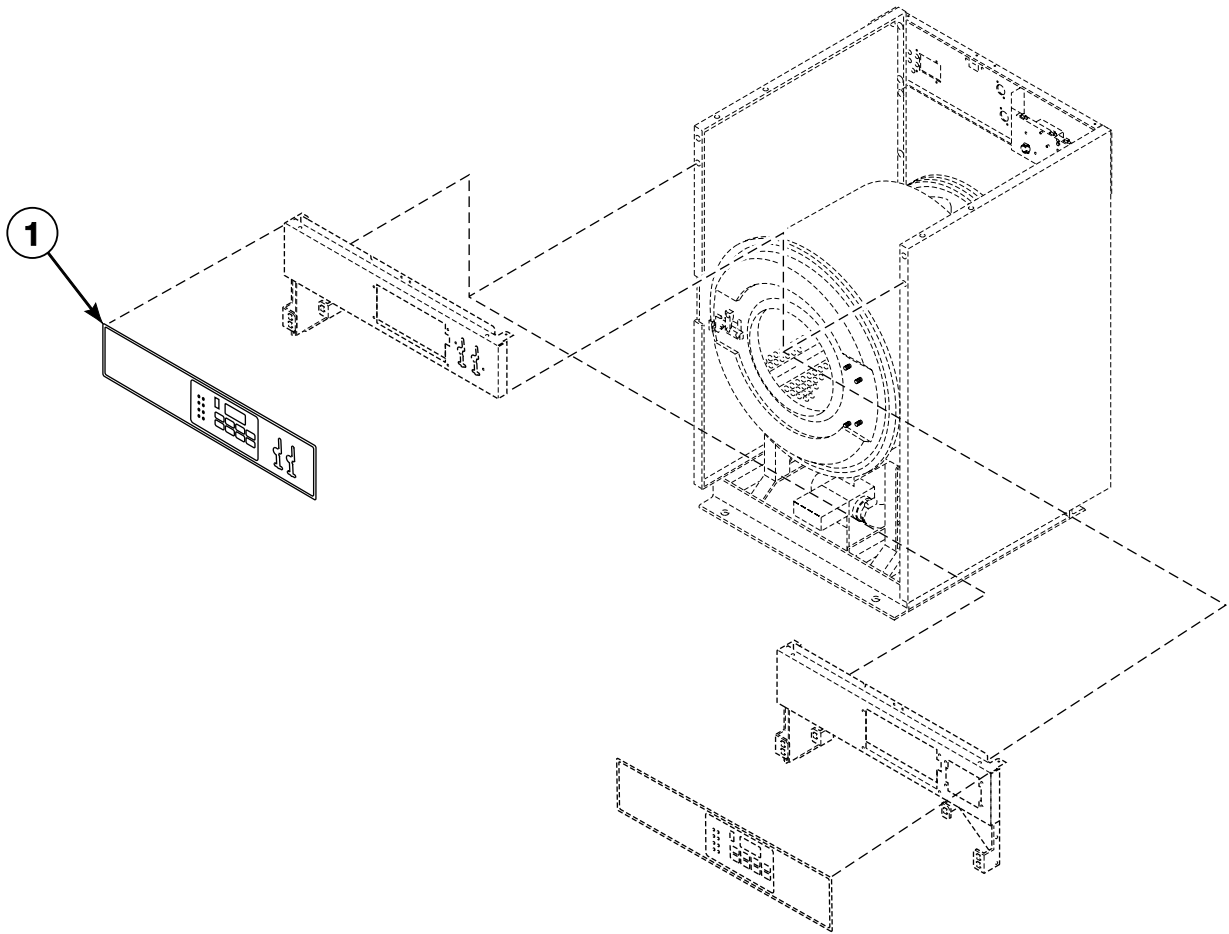


CHM3197P_F8330701

Front Panel and Control Panel - Card Reader and OPL Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8117601	Screw	
2	F8171302P	Front Panel	20 pound models; Design 1 and 2; Stainless steel
	F8492302	Front Panel	20 pound models; Design 3; Stainless steel
	F8173002P	Front Panel	30 pound models; Design 1 and 2; Stainless steel
	F8173102P	Front Panel	40 pound models; Stainless steel
	F8173202P	Front Panel	60 pound models; Stainless steel
3	70030501	Expansion Clip	
4	F8186702	Gusset Plate	Left
5	F8038504	Control Panel Assembly	20 pound models
	F8038604	Control Panel Assembly	30 pound models
	F8038704	Control Panel Assembly	40 pound models
	F8038804	Control Panel Assembly	60 pound models
6	F8201001	Top Cover Latch	
7	F8186701	Gusset Plate	Right
8	F170416-1	Door Bezel	SCL, SCN, SCU, UCL, UCN and UCU 20 pound models; Black
	F170416-2	Door Bezel	HCL, HCN, HCU and HCZ 20 pound models; Pantone 403; Models through 1/10/10
	F170416-3	Door Bezel	HCL, HCN, HCU and HCZ 20 pound models; Gray; Models starting 1/11/10
	F170417-1	Door Bezel	SCL, SCN, SCU, UCL, UCN and UCU 30 pound models; Black
	F170417-3	Door Bezel	HCL, HCN and HCU 30 pound models; Gray
	F0170426-00	Door Bezel	SCL, SCN, SCU, UCL, UCN and UCU 40 and 60 pound models; Black
	F0170426-10	Door Bezel	HCL, HCN and HCU 40 and 60 pound models; Pantone 403; Models through 1/10/10
	F0170426-30	Door Bezel	HCL, HCN and HCU 40 and 60 pound models; Gray; Models starting 1/11/10
9	F430174	Screw	
10	F8173801	Front Cabinet Brace	20 pound models
	F8173901	Front Cabinet Brace	30 pound models
	F8174001	Front Cabinet Brace	40 pound models
	F8174101	Lower Cabinet Brace	60 pound models

Control Panel Overlays - Coin and Card Models

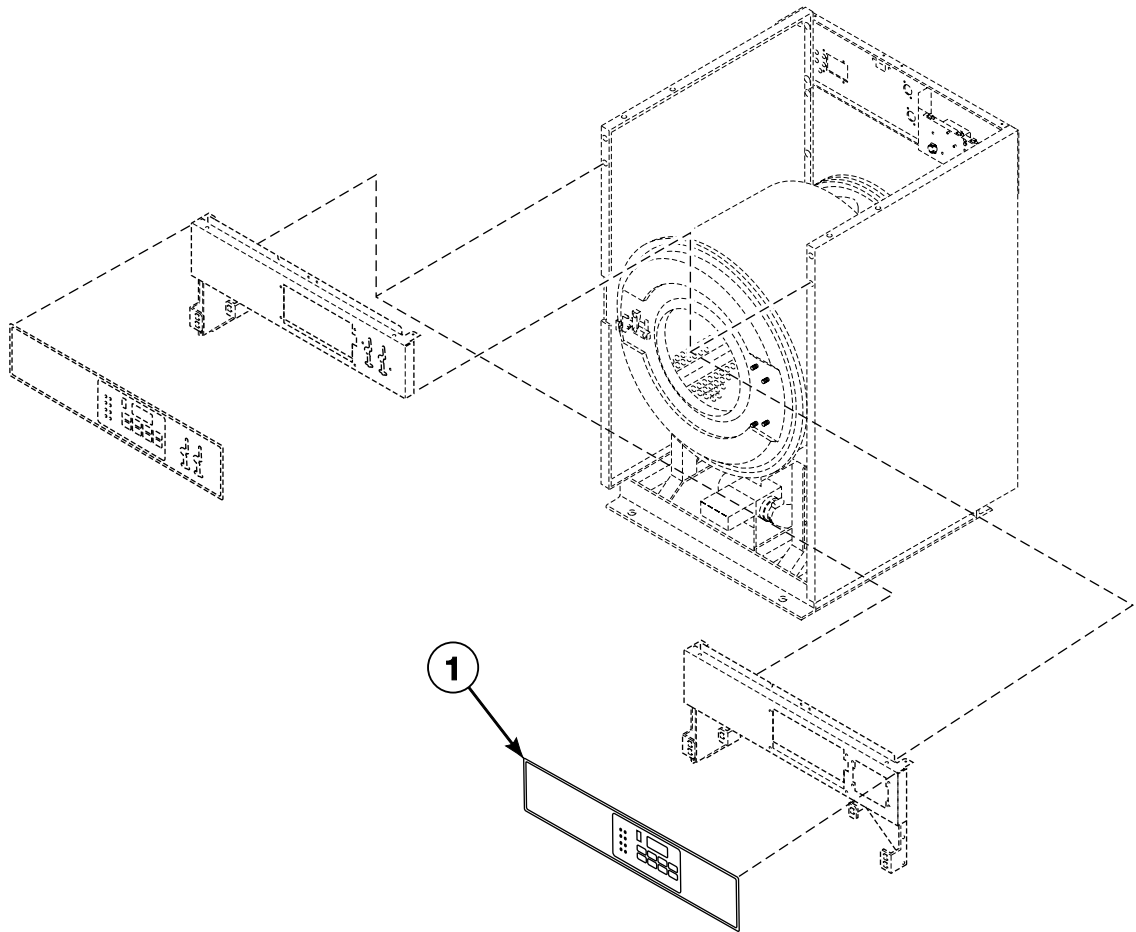


CHM3124P_F8330701

Control Panel Overlays - Coin and Card Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8294001	Control Panel Overlay	20 pound models; Design 1; Single coin drop
	F8294002	Control Panel Overlay	20 pound models; Design 1; Dual coin drop
	F8294003	Control Panel Overlay	20 pound models; Design 1; Card ready
	F8294101	Control Panel Overlay	30 pound models; Design 1; Single coin drop
	F8294102	Control Panel Overlay	30 pound models; Design 1; Dual coin drop
	F8294103	Control Panel Overlay	30 pound models; Design 1; Card ready
	F8294201	Control Panel Overlay	40 pound models; Design 1; Single coin drop
	F8294202	Control Panel Overlay	40 pound models; Design 1; Dual coin drop
	F8294203	Control Panel Overlay	40 pound models; Design 1; Card ready
	F8294301	Control Panel Overlay	60 pound models; Design 1; Single coin drop
	F8294302	Control Panel Overlay	60 pound models; Design 1; Dual coin drop
	F8294303	Control Panel Overlay	60 pound models; Design 1; Card ready
	F8443901	Control Panel Overlay	20 pound models; Design 2 and 3; Single coin drop
	F8443902	Control Panel Overlay	20 pound models; Design 2 and 3; Dual coin drop
	F8443903	Control Panel Overlay	20 pound models; Design 2 and 3; Card ready
	F8444001	Control Panel Overlay	30 pound models; Design 2 and 3; Single coin drop
	F8444002	Control Panel Overlay	30 pound models; Design 2 and 3; Dual coin drop
	F8444003	Control Panel Overlay	30 pound models; Design 2 and 3; Card ready
	F8444101	Control Panel Overlay	40 pound models; Design 2; Single coin drop
	F8444102	Control Panel Overlay	40 pound models; Design 2; Dual coin drop
	F8444103	Control Panel Overlay	40 pound models; Design 2; Card ready
	F8444201	Control Panel Overlay	60 pound models; Design 2; Single coin drop
	F8444202	Control Panel Overlay	60 pound models; Design 2; Dual coin drop
	F8444203	Control Panel Overlay	60 pound models; Design 2; Card ready

Control Panel Overlays - OPL Models

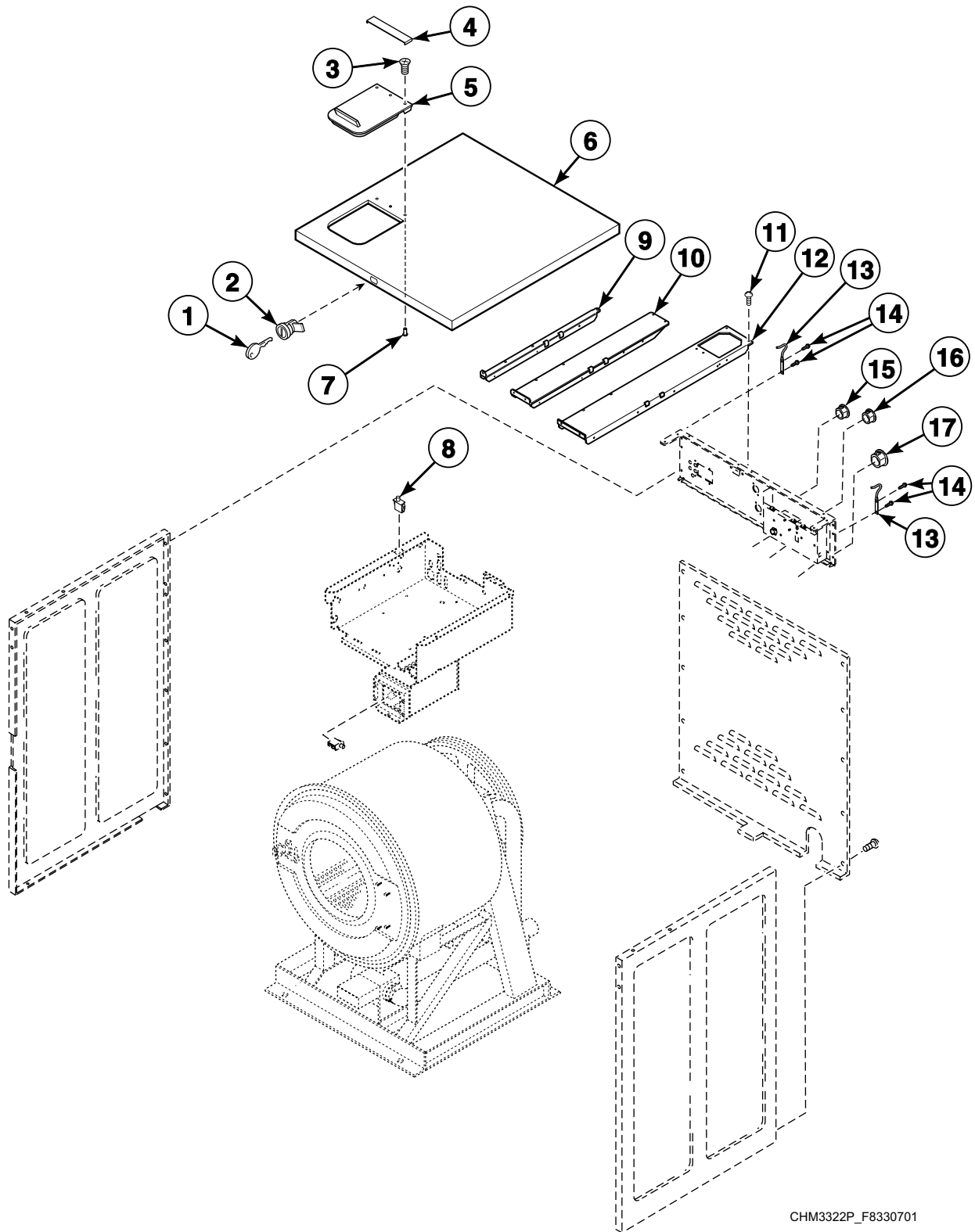


CHM3124PA_F8330701

Control Panel Overlays - OPL Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8224301	Control Panel Overlay	HCL, HCN, HCU and HCZ 20 pound models; Design 1
	F8224401	Control Panel Overlay	HCL, HCN and HCU 30 pound models; Design 1
	F8224501	Control Panel Overlay	HCL, HCN and HCU 40 pound models; Design 1
	F8224601	Control Panel Overlay	HCL, HCN and HCU 60 pound models; Design 1
	F8443701	Control Panel Overlay	HCL, HCN and HCU models; Design 2 and 3
	F8294501	Control Panel Overlay	SCL, SCN, SCU and SCZ 20 pound models
	F8294601	Control Panel Overlay	SCL, SCN and SCU 30 pound models
	F8294701	Control Panel Overlay	SCL, SCN and SCU 40 pound models
	F8294801	Control Panel Overlay	SCL, SCN and SCU 60 pound models
	F8224801	Control Panel Overlay	UCL, UCN and UCU 20 pound models
	F8224901	Control Panel Overlay	UCL, UCN, UCU and UCZ 30 pound models
	F8225001	Control Panel Overlay	UCL, UCN and UCU 40 pound models
	F8225101	Control Panel Overlay	UCL, UCN and UCU 60 pound models

Panels (Drawing 1 of 2)

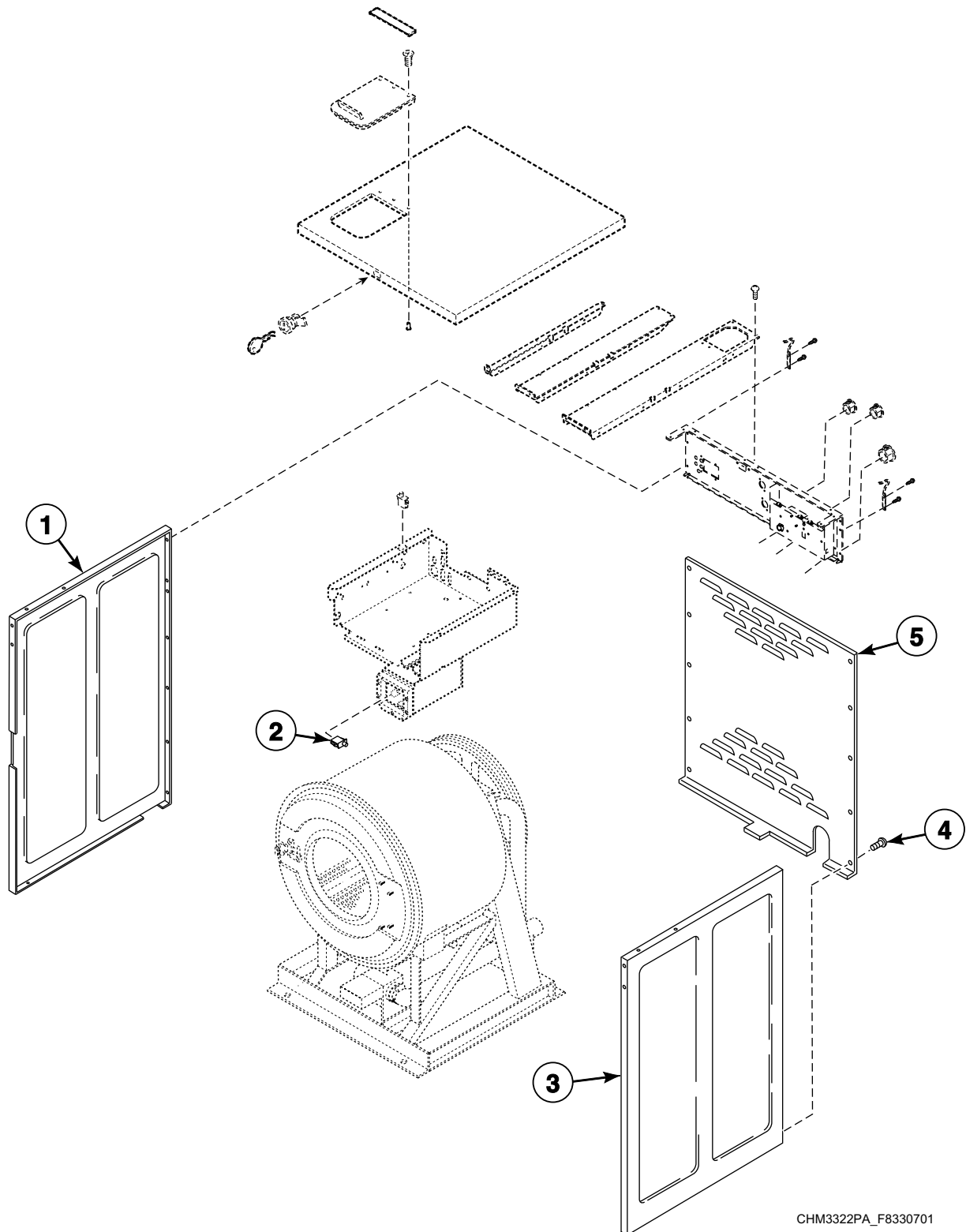


CHM3322P_F8330701

Panels (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	70155603	Key	RL003
2	44089303P	Panel Lock	
3	F8230601	Screw	
4	F8091701	Lid Clamp	
5	F8048101	Dispenser Lid	Gray
6	F8040201	Top Cover	20 pound models
	F8017401	Top Cover	30 pound models
	F8040301	Top Cover	40 pound models
	F8040401P	Top Cover	60 pound models
7	F8230501	Bolt	
8	70413301	Pushbutton Switch	
9	F8043501	Top Cabinet Brace	20 pound models
10	F8043701	Top Cabinet Brace	30 pound models
11	F430174	Screw	
12	F8043801	Top Cabinet Brace	40 pound models
	F8043901	Top Cabinet Brace	60 pound models
13	F8258601	Top Cover Hinge	
14	F8206901	Screw	
15	M400985	Plug	Design 2 and 3
16	F8223901	Plug	Design 2 and 3
17	F8223801	Hole Plug	Design 2 and 3

Panels (Drawing 2 of 2)

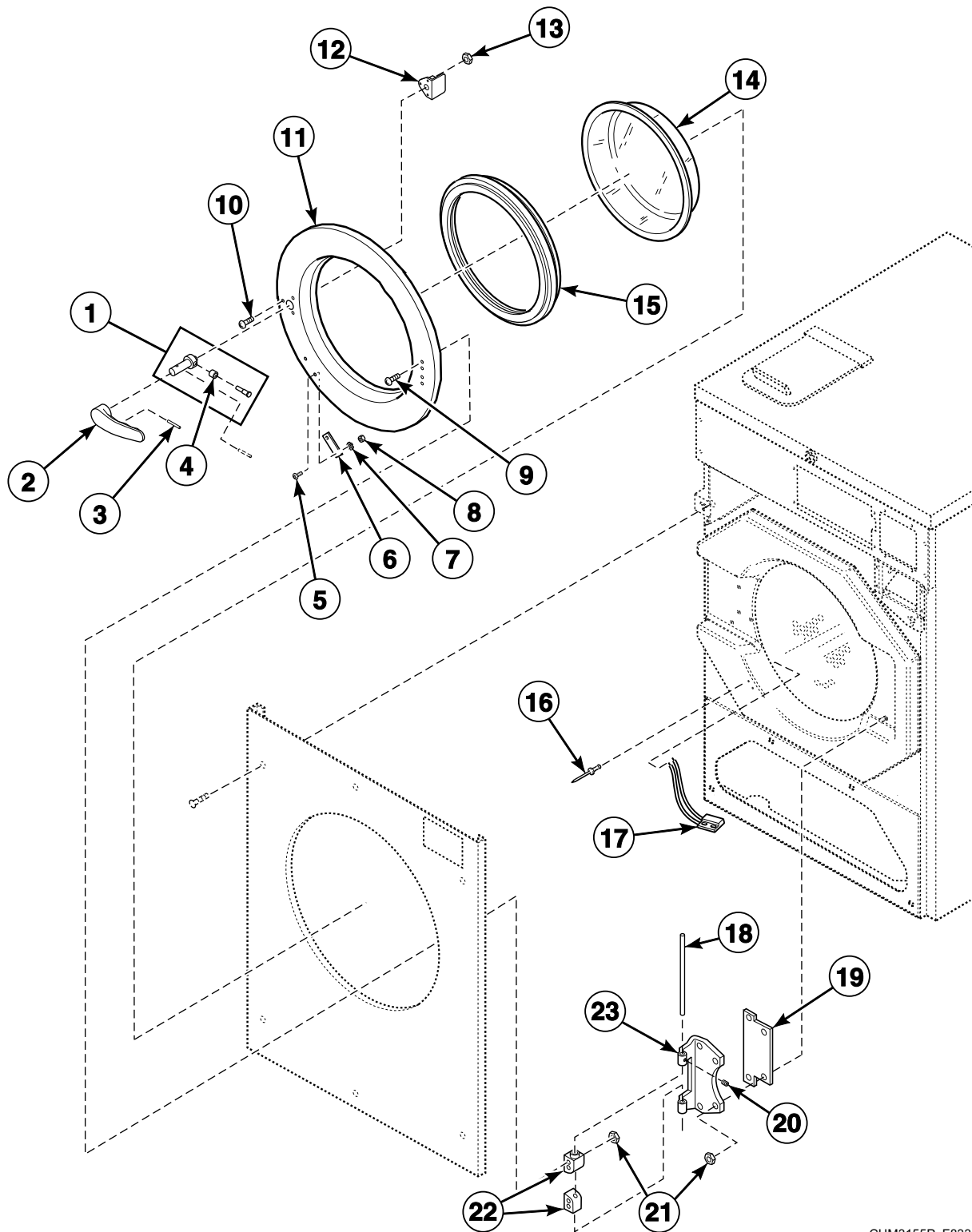


CHM3322PA_F8330701

Panels (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8042902P	Left Side Panel	20 pound models; Design 1; Vinyl
	F8043102P	Left Side Panel	30 pound models; Design 1; Vinyl
	F8043202P	Left Side Panel	40 pound models; Design 1; Vinyl
	F8043302P	Left Side Panel	60 pound models; Design 1; Vinyl
	F8399202	Left Side Panel	20 pound models; Design 2; Stainless steel
	F8399302	Left Side Panel	30 pound models; Design 2 and 3; Stainless steel
	F8399402	Left Side Panel	40 pound models; Design 2; Stainless steel
	F8399502P	Left Side Panel	60 pound models; Design 2; Stainless steel
	F8492402	Left Side Panel	20 pound models; Design 3; Vinyl
	F8492404	Left Side Panel	20 pound models; Design 3; Stainless steel
2	70413301	Pushbutton Switch	Coin models
3	F8042901P	Right Side Panel	20 pound models; Design 1; Vinyl
	F8043101P	Right Side Panel	30 pound models; Design 1; Vinyl
	F8043201P	Right Side Panel	40 pound models; Design 1; Vinyl
	F8043301P	Right Side Panel	60 pound models; Design 1; Vinyl
	F8399201	Right Side Panel	20 pound models; Design 2; Stainless steel
	F8399301	Right Side Panel	30 pound models; Design 2 and 3; Stainless steel
	F8399401	Right Side Panel	40 pound models; Design 2; Stainless steel
	F8399501	Right Side Panel	60 pound models; Design 2; Stainless steel
	F8492401	Right Side Panel	20 pound models; Design 3; Vinyl
	F8492403	Right Side Panel	20 pound models; Design 3; Stainless steel
4	F8206901	Screw	
5	F8176201P	Rear Panel	20 pound models; Design 1
	F8176301	Rear Panel	30 pound models; Design 1
	F8177701P	Rear Panel	40 pound models; Design 1
	F8177501P	Rear Panel	60 pound models; Design 1
	F8362401	Rear Panel	20 pound models; Design 2
	F8352801	Rear Panel	30 pound models; Design 2 and 3
	F8365201	Rear Panel	40 pound models; Design 2
	F8367101	Rear Panel	60 pound models; Design 2
	F8492501	Rear Panel	20 pound models; Design 3

Door

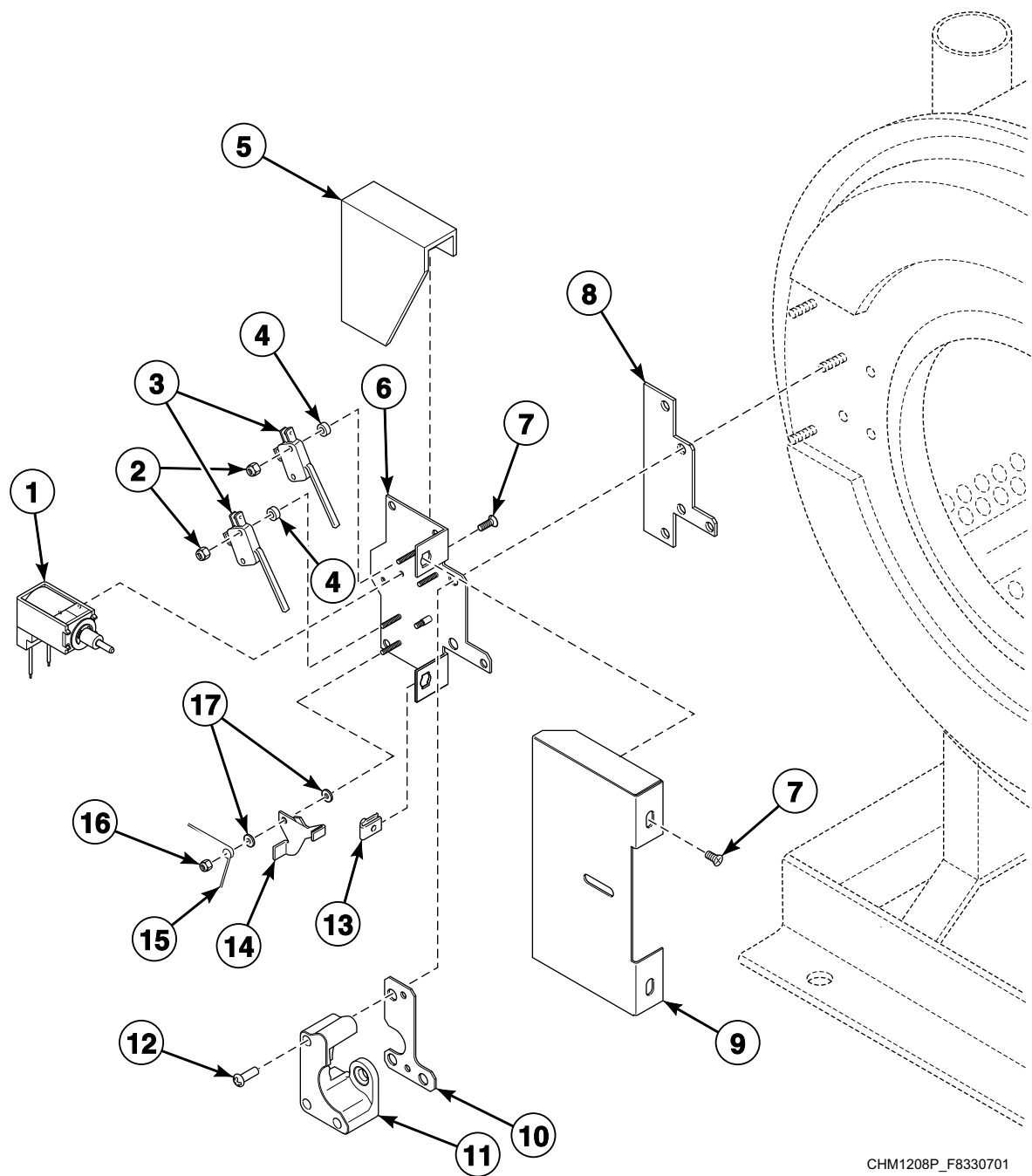


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Door

REF	PART NO.	DESCRIPTION	COMMENTS
	F8187202	Door Assembly	20 pound SC and UC models; Includes items 1-14 and 17-22
	F8187203	Door Assembly	20 pound HC models; Includes items 1-14 and 17-22
	F8187302	Door Assembly	30 pound SC and UC models; Includes items 1-14 and 17-22
	F8187303	Door Assembly	30 pound HC models; Includes items 1-14 and 17-22
	F8187402	Door Assembly	40 and 60 pound SC and UC models; Includes items 1-14 and 17-22
	F8187403	Door Assembly	40 and 60 pound HC models; Includes items 1-14 and 17-22
1	F8221401	Door Latch Arm Assembly	
2	F8199401P	Door Handle	SC and UC models; Black
	F8199501	Door Handle	HC models; Gray
3	F431222	Spring Pin	
4	F8221701	Bearing Sleeve	
5	F430916	Screw	
6	F8390801	Magnet	
7	F431113	Washer	
8	F431022	Nut	
9	F430947	Screw	
	F8508101	Bolt	Chrome
10	F430976	Screw	
11	F0602431-02	Door	20 pound models
	F8507501	Door	20 pound models; Chrome
	F0602837-02	Door	30 pound models
	F8507601	Door	30 pound models; Chrome
	F602842-2	Door	40 and 60 pound models
	F8507701	Door	40 and 60 pound models; Chrome
12	F8223701	Door Handle Spacer	
13	F430232	Nut	
14	F290205P	Door Glass Kit	20 pound SC and UC models; 20 pound HC models through 1/10/10
	F8341701	Door Glass	20 pound HC models; Models starting 1/11/10
	F290207P	Door Glass Kit	30 pound SC and UC models; 30 pound HC models through 1/10/10
	F8341801P	Door Glass	30 pound HC models; Models starting 1/11/10
	F290208P	Door Glass	40 and 60 pound SC and UC models; 40 and 60 pound HC models through 1/10/10
	F8341901	Door Glass	40 and 60 pound HC models; Models starting 1/11/10
15	F200000202	Door Gasket	20 pound models
	F8111602	Door Gasket	30 pound models
	F8111502	Door Gasket	40 and 60 pound models
16	F8245101	Blind Rivet	
17	F8066802	Reed Switch Assembly	
18	F602813-2	Rod	20 and 30 pound models
	F602813-3	Rod	40 and 60 pound models
19	F200131000	Door Hinge Shim	
20	F430536	Screw	
21	F430215	Nut	
22	F150271	Door Mount	
23	F190216P	Door Hinge	

Door Lock



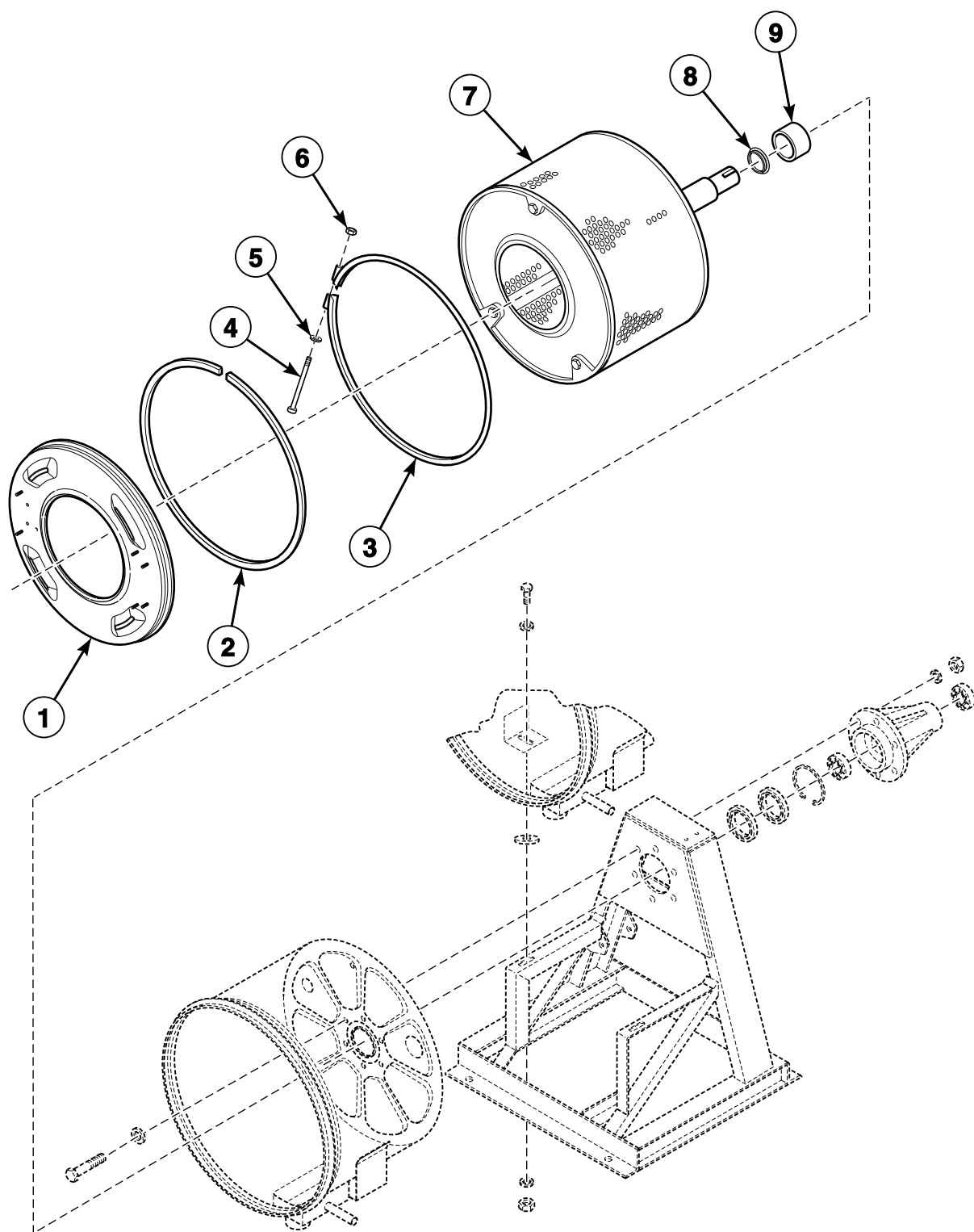
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Door Lock

REF	PART NO.	DESCRIPTION	COMMENTS
	F8197101	Door Lock Assembly	Includes F8339902 External Door Lock Harness; Models through 10/31/10
	F8340501	Door Lock Assembly	Includes F8340001 External Door Lock Harness; Models starting 11/1/10
	N/A	External Door Lock Harness	Includes F8224201 Solenoid; Models through 10/31/10; Order F977P3 Door Lock Solenoid Replacement Kit
	F8340001	External Door Lock Harness	Models starting 11/1/10
1	F977P3	Door Lock Solenoid Replacement Kit	Includes F8340101 Solenoid
2	F430225	Nut	
3	F200203200	Door Lock Microswitch	
4	F431901	Spacer	
5	F320200	Door Lock Splash Shield	
6	F8223201	Door Lock Plate Assembly	Models through 10/31/10
	F8223202	Door Lock Plate Assembly	Models starting 11/1/10
7	F430956	Screw	
8	F8059701	Door Lock Plate Shim	Models through 9/25/09
	F8344401	Door Lock Plate Shim	Models starting 9/26/09
9	F8245001	Door Lock Cover	
10	F8484401	Shim	
11	F8223601	Door Lock Catch	Models through 10/31/10
	F8344501	Door Lock Catch	Models starting 11/1/10
12	F8270701	Bolt	
13	F430264	Nut	
14	F8223401	Door Lock Switch Lever	
15	F8070301	Torsion/Door Lock Spring	
16	F430232	Nut	
17	F431902	Washer	

N/A = Part no longer available

Basket, Shell, Frame and Trunnion - Design 1 Models (Drawing 1 of 3)

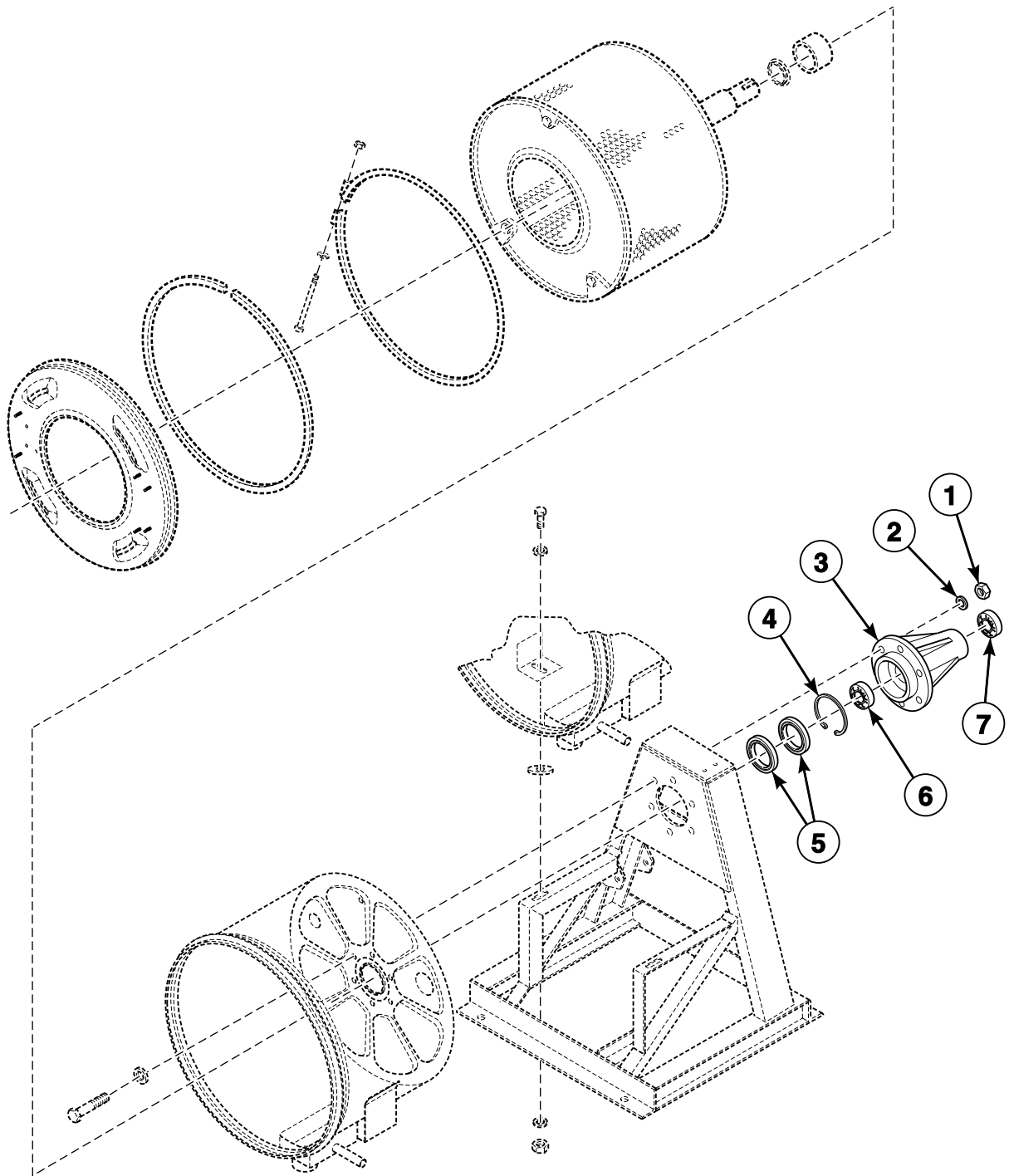


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Basket, Shell, Frame and Trunnion - Design 1 Models (Drawing 1 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
	389P4	Basket Tool Kit	Use with F935P3, F936P3, F938P3 and F939P3 Pressfit Upgrade Kits
	390P4	Basket Rental Tool Kit	Use with F935P3, F936P3, F938P3 and F939P3 Pressfit Upgrade Kits
1	F8229401	Shell Front Assembly	20 pound models
	F8229501	Shell Front Assembly	30 pound models
	F8229601	Shell Front Assembly	40 pound models
	F8229701	Shell Front Assembly	60 pound models
2	F200001600P	Shell Band Gasket	
3	F602757	Shell Band Assembly	20 pound models
	F631977	Shell Band Assembly	30 pound models
	F741701	Shell Band Kit	40 pound models
	F741702	Shell Band Kit	60 pound models
4	F430518	Screw	
5	F430317	Washer	
6	F430215	Nut	
7	F935P3	Pressfit Upgrade Kit	20 pound models; Models through 3/31/10; Includes items 8, 9, F8347801 Basket Assembly and F747001 Trunnion Kit
	F936P3	Pressfit Upgrade Kit	30 pound models; Models through 3/31/10; Includes items 8, 9, F8347901 Basket Assembly and F747002 Trunnion Kit
	F938P3	Pressfit Upgrade Kit	40 pound models; Models through 3/31/10; Includes items 8, 9, F8336301 Basket Assembly and F747003 Trunnion Kit
	F939P3	Pressfit Upgrade Kit	60 pound models; Models through 3/31/10; Includes items 8, 9, F8336501 Basket Assembly and F747005 Trunnion Kit
	F8347801P	Basket Assembly	20 pound models; Models that have been upgraded with F935P3 Pressfit Upgrade Kit or models starting 4/1/10; Includes items 8 and 9
	F8347901P	Basket Assembly	30 pound models; Models that have been upgraded with F936P3 Pressfit Upgrade Kit or models starting 4/1/10; Includes items 8 and 9
	F8391701	Basket Assembly	40 pound models; Models that have been upgraded with F938P3 Pressfit Upgrade Kit or models starting 4/1/10; Includes items 8 and 9
	F8391901	Basket Assembly	60 pound models; Models that have been upgraded with F939P3 Pressfit Upgrade Kit or models starting 4/1/10; Includes items 8 and 9
8	F8336801	Excluder Seal	20 pound models; Models that have been upgraded with F935P3 Pressfit Upgrade Kit or models starting 4/1/10
	F8336901	Excluder Seal	30 pound models; Models that have been upgraded with F936P3 Pressfit Upgrade Kit or models starting 4/1/10
	F8337001	Excluder Seal	40 pound models; Models that have been upgraded with F938P3 Pressfit Upgrade Kit or models starting 4/1/10
	F8337101	Excluder Seal	60 pound models; Models that have been upgraded with F939P3 Pressfit Upgrade Kit or models starting 4/1/10
9	F8312001P	Shaft Seal Sleeve	20 pound models; Models that have not been upgraded with F935P3 Pressfit Upgrade Kit or models through 3/31/10
	F8312004P	Shaft Seal Sleeve	30 pound models; Models that have not been upgraded with F936P3 Pressfit Upgrade Kit or models through 3/31/10
	F8312006P	Shaft Seal Sleeve	40 pound models; Models that have not been upgraded with F938P3 Pressfit Upgrade Kit or models through 3/31/10
	F8343901P	Shaft Seal Sleeve Kit	20 pound models; Models that have been upgraded with F935P3 Pressfit Upgrade Kit or models starting 4/1/10
	F8343904P	Shaft Seal Sleeve Kit	30 pound models; Models that have been upgraded with F936P3 Pressfit Upgrade Kit or models starting 4/1/10
	F8343906P	Shaft Seal Sleeve Kit	40 pound models; Models that have been upgraded with F938P3 Pressfit Upgrade Kit or models starting 4/1/10
	F8343909P	Shaft Seal Sleeve Kit	60 pound models

Basket, Shell, Frame and Trunnion - Design 1 Models (Drawing 2 of 3)

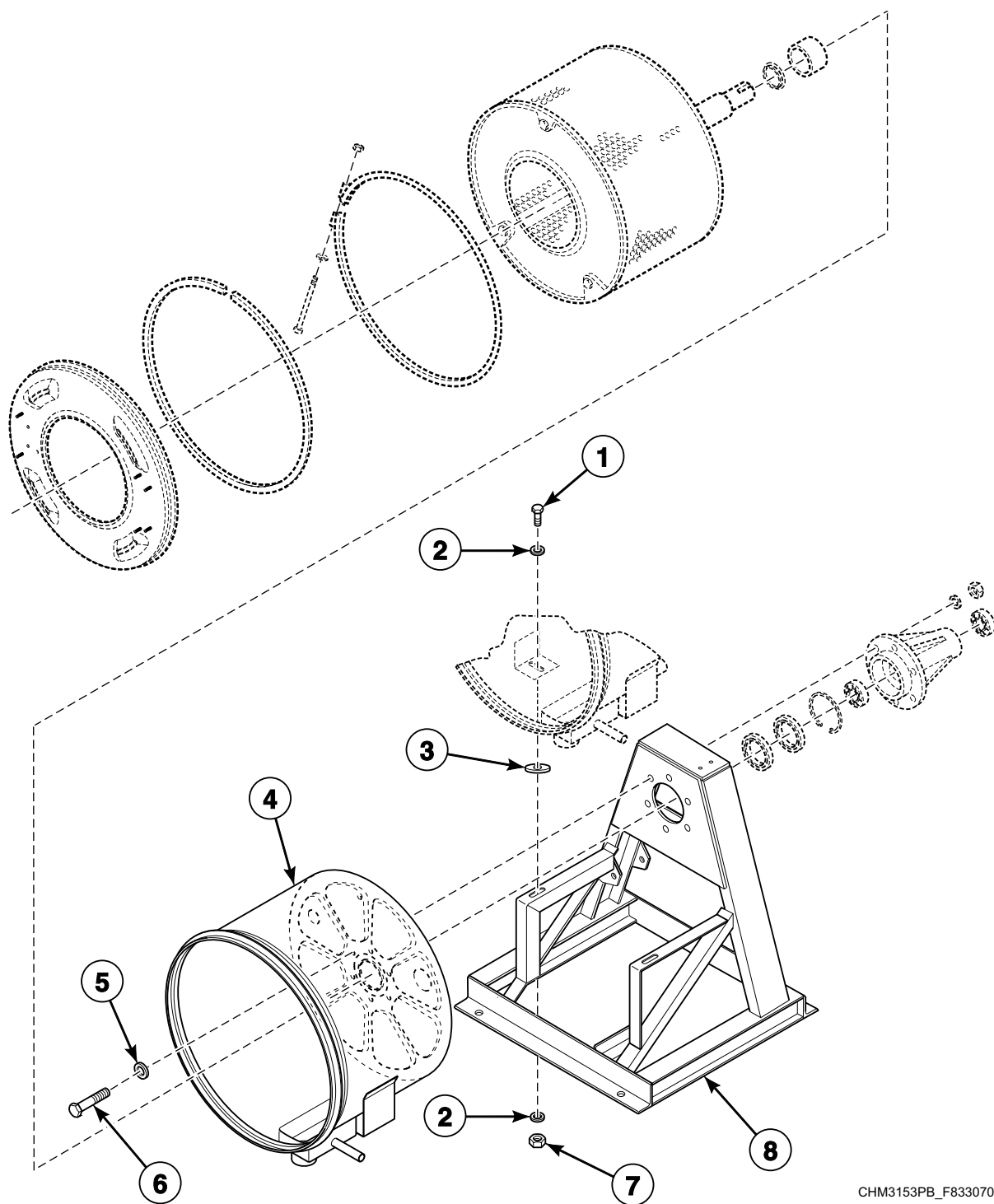


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Basket, Shell, Frame and Trunnion - Design 1 Models (Drawing 2 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F430239	Nut	20 pound models
	F430240	Nut	All other models
2	F431128	Washer	20 pound models
	F431131	Washer	All other models
3	F747001	Trunnion Kit	20 pound models; Includes items 5-7
	F747002	Trunnion Kit	30 pound models; Includes items 5-7
	F747003	Trunnion Kit	40 pound models; Includes items 5-7
	F747005	Trunnion Kit	60 pound models; Includes items 5-7
4	F8344901	Retaining Ring	20 pound models; Models that have been upgraded with F935P3 Pressfit Upgrade Kit or models starting 4/1/10
	F8345001	Retaining Ring	30 pound models; Models that have been upgraded with F936P3 Pressfit Upgrade Kit or models starting 4/1/10
	F8337801	Retaining Ring	40 pound models; Models that have been upgraded with F938P3 Pressfit Upgrade Kit or models starting 4/1/10
	F8337901	Retaining Ring	60 pound models; Models that have been upgraded with F939P3 Pressfit Upgrade Kit or models starting 4/1/10
5	F8203801	Triple Lip Seal	20 pound models
	F8203802	Triple Lip Seal	30 pound models
	F8203803	Triple Lip Seal	40 pound models
	F8203806	Triple Lip Seal	60 pound models
6	F100137P	Bearing	6308 2RS C3; Front; 20 and 40 pound models
	F100123P	Bearing	6309 2RS C3; Front; 30 pound models
	F100135	Bearing	6313 2RS C3; Front; 60 pound models
7	F100136P	Bearing	6307 2RS C3; Rear; 20 pound models
	F100108	Bearing	6208 2RS C3; Rear; 30 pound models
	F100134	Bearing	6310 2RS C3; Rear; 40 and 60 pound models

Basket, Shell, Frame and Trunnion - Design 1 Models **(Drawing 3 of 3)**

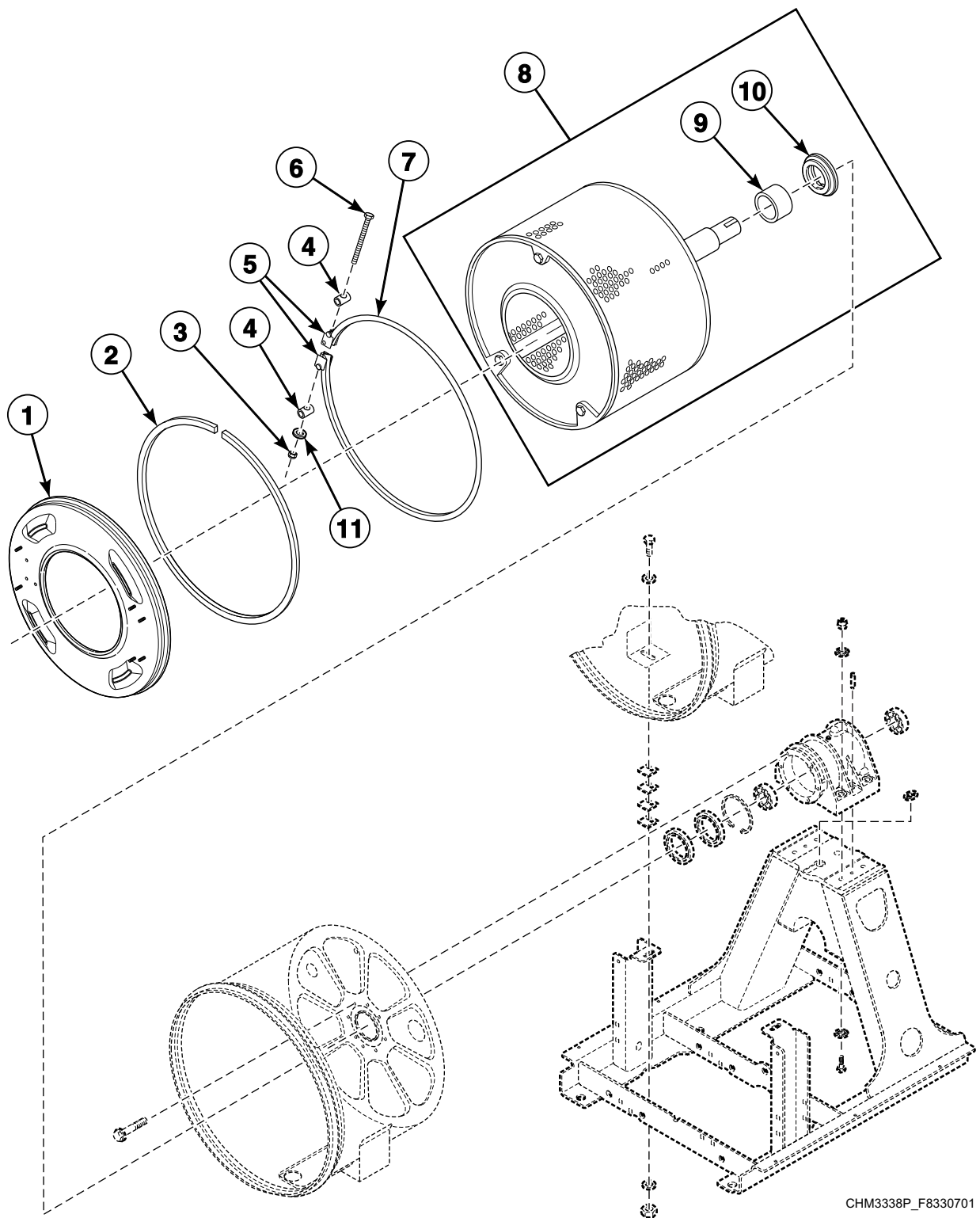


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Basket, Shell, Frame and Trunnion - Design 1 Models (Drawing 3 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F430942	Screw	
2	M400081	Washer	
3	F430303	Washer	
4	F8179201	Shell Weldment	20 pound coin models; Standard
	F8179202	Shell Weldment	20 pound OPL models; Electric heat
	F8179203	Shell Weldment	20 pound OPL models; Standard
	F8179301	Shell Weldment	30 pound coin models; Standard
	F8179302	Shell Weldment	30 pound OPL models; Electric heat
	F8179303	Shell Weldment	30 pound OPL models; Standard
	F8179401	Shell Weldment	40 pound coin models; Standard
	F8179402	Shell Weldment	40 pound OPL models; Electric heat
	F8179403	Shell Weldment	40 pound OPL models; Standard
	F8179501	Shell Weldment	60 pound coin models; Standard
	F8179502	Shell Weldment	60 pound OPL models; Electric heat
	F8179503	Shell Weldment	60 pound OPL models; Standard
5	F431128	Washer	20 pound models
	F431131	Washer	All other models
6	F430949	Screw	20 pound models
	F8442701	Screw	All other models
7	F430218	Nut	
8	F8195901	Frame Weldment	20 pound models
	F8196001	Frame Weldment	30 pound models
	F8196101	Frame Weldment	40 pound models
	F8199101	Frame Weldment	60 pound models

**Basket, Shell, Frame and Bearing Housing - Design 2 and 3 Models
(Drawing 1 of 3)**

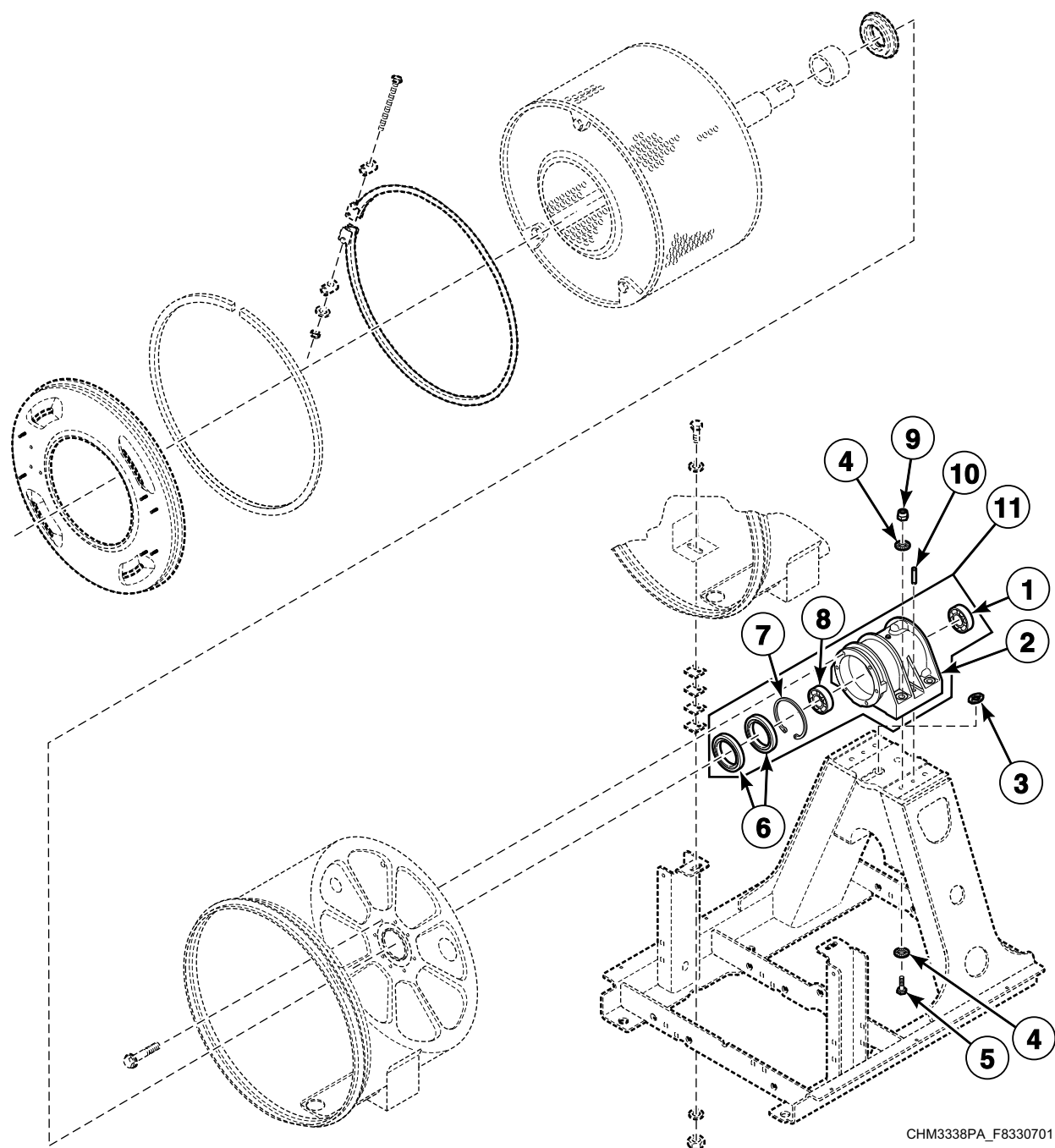


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Basket, Shell, Frame and Bearing Housing - Design 2 and 3 Models (Drawing 1 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
	389P4	Basket Tool Kit	Use with F935P3, F936P3, F938P3 and F939P3 Pressfit Upgrade Kits
	390P4	Basket Rental Tool Kit	Use with F935P3, F936P3, F938P3 and F939P3 Pressfit Upgrade Kits
	F8388001	Clamp Ring Assembly	20 pound models; Includes items 5 and 7
	F8388002	Clamp Ring Assembly	30 pound models; Includes items 5 and 7
	F741701	Shell Band Kit	40 pound models; Includes items 5 and 7
	F8388004	Clamp Ring Assembly	60 pound models; Includes items 5 and 7
1	F8229401	Shell Front Assembly	20 pound models
	F8229501	Shell Front Assembly	30 pound models
	F8229601	Shell Front Assembly	40 pound models
	F8229701	Shell Front Assembly	60 pound models
2	F200001600P	Shell Band Gasket	
3	F430218	Nut	
4	F8302701	Pin	
5	F8302401	Bracket Clamp Ring	
6	800462	Screw	
7	F741700	Shell Band Kit	20 pound models
	F631838	Outer Shell Band	30 pound models
	F603108	Outer Shell Band	40 pound models
	F603207	Outer Shell Band	60 pound models
8	F8391301	Basket Assembly	20 pound models
	F8391501	Basket Assembly	30 pound models
	F8391701	Basket Assembly	40 pound models
	F8391901	Basket Assembly	60 pound models
9	F8343901P	Shaft Seal Sleeve Kit	20 pound models
	F8343904P	Shaft Seal Sleeve Kit	30 pound models
	F8343906P	Shaft Seal Sleeve Kit	40 pound models
	F8343909P	Shaft Seal Sleeve Kit	60 pound models
10	F8336801	Excluder Seal	20 pound models; Models that have been upgraded with F935P3 Pressfit Upgrade Kit or models starting 4/1/10
	F8336901	Excluder Seal	30 pound models; Models that have been upgraded with F936P3 Pressfit Upgrade Kit or models starting 4/1/10
	F8337001	Excluder Seal	40 pound models; Models that have been upgraded with F938P3 Pressfit Upgrade Kit or models starting 4/1/10
	F8337101	Excluder Seal	60 pound models; Models that have been upgraded with F939P3 Pressfit Upgrade Kit or models starting 4/1/10
11	M400081	Washer	

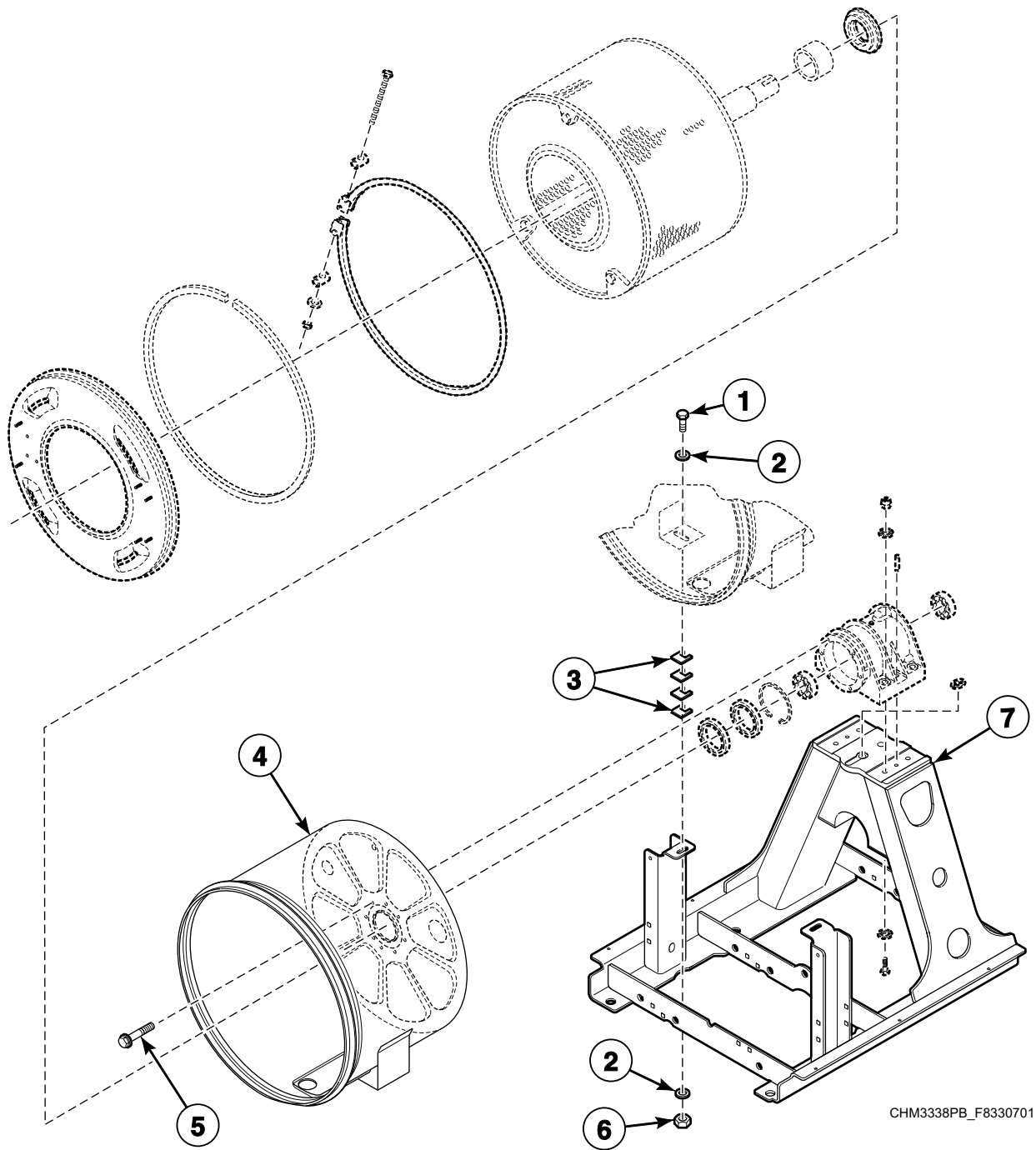
**Basket, Shell, Frame and Bearing Housing - Design 2 and 3 Models
(Drawing 2 of 3)**



Basket, Shell, Frame and Bearing Housing - Design 2 and 3 Models (Drawing 2 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F100137P	Bearing	6308 2RS C3; Front; 20 and 40 pound models
	F100123P	Bearing	6309 2RS C3; Front; 30 pound models
	F100135	Bearing	6313 2RS C3; Front; 60 pound models
2	F8247902	Bearing Housing	20 pound models
	F8246802	Bearing Housing	30 pound models
	F8249902	Bearing Housing	40 pound models
	F8250902	Bearing Housing	60 pound models
3	F8350301	Seal Scupper Pad	20 and 30 pound models
	F8350302	Seal Scupper Pad	40 pound models
	F8350303	Seal Scupper Pad	60 pound models
4	F8366601	Washer	20 pound models
	F430339	Washer	All other models
5	F8368701	Screw	20 pound models
	F8368801	Screw	All other models
6	F8203801	Triple Lip Seal	20 pound models
	F8203802	Triple Lip Seal	30 pound models
	F8203803	Triple Lip Seal	40 pound models
	F8203806	Triple Lip Seal	60 pound models
7	F8344901	Retaining Ring	20 pound models; Models that have been upgraded with F935P3 Pressfit Upgrade Kit or models starting 4/1/10
	F8345001	Retaining Ring	30 pound models; Models that have been upgraded with F936P3 Pressfit Upgrade Kit or models starting 4/1/10
	F8337801	Retaining Ring	40 pound models; Models that have been upgraded with F938P3 Pressfit Upgrade Kit or models starting 4/1/10
	F8337901	Retaining Ring	60 pound models; Models that have been upgraded with F939P3 Pressfit Upgrade Kit or models starting 4/1/10
8	F100136P	Bearing	6307 2RS C3; Rear; 20 pound models
	F100108	Bearing	6208 2RS C3; Rear; 30 pound models
	F100134	Bearing	6310 2RS C3; Rear; 40 and 60 pound models
9	F8387601	Nut	20 pound models
	F8387701	Nut	All other models
10	F8388101	Dowel Pin	20 pound models
	F8388201	Dowel Pin	All other models
11	F8271601	Bearing Housing Assembly	20 pound models
	F8271701	Bearing Housing Assembly	30 pound models
	F8271801	Bearing Housing Assembly	40 pound models
	F8271901	Bearing Housing Assembly	60 pound models

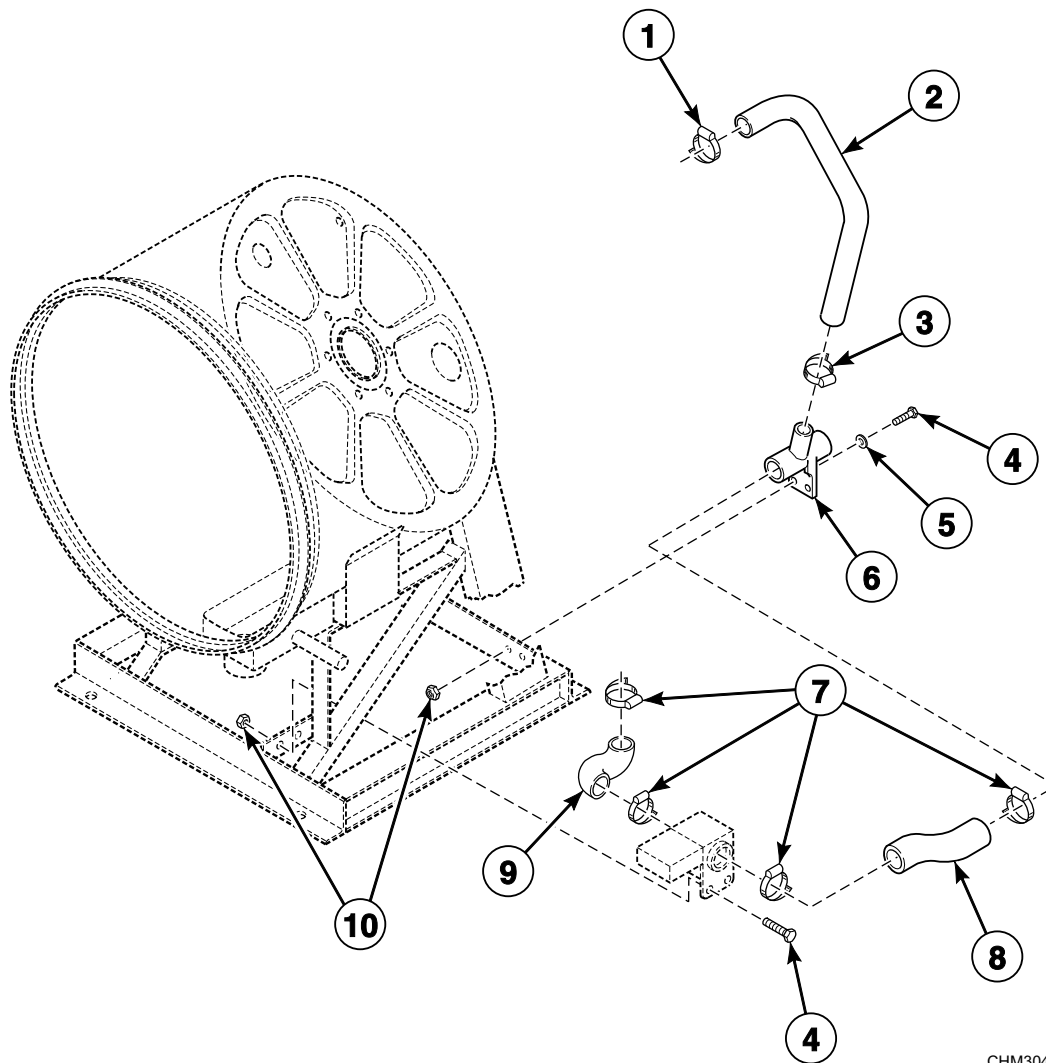
**Basket, Shell, Frame and Bearing Housing - Design 2 and 3 Models
(Drawing 3 of 3)**



Basket, Shell, Frame and Bearing Housing - Design 2 and 3 Models (Drawing 3 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
	1111P	Concrete Kit	5/8 inch
	F8498101	Concrete Epoxy Kit	
	F8433301	Frame Template	20 pound models
	F8433401	Frame Template	30 pound models
	F8433501	Frame Template	40 pound models
	F8433601	Frame Template	60 pound models
1	H88213996	Screw	
2	M400081	Washer	
3	F8402701	Washer	
4	F8360601	Shell Weldment	20 pound coin models; Standard
	F8360602	Shell Weldment	20 pound OPL models; Electric heat
	F8360603	Shell Weldment	20 pound OPL models; Standard
	F8360701	Shell Weldment	30 pound coin models; Standard
	F8360702	Shell Weldment	30 pound OPL models; Electric heat
	F8360703	Shell Weldment	30 pound OPL models; Standard
	F8360801	Shell Weldment	40 pound coin models; Standard
	F8360802	Shell Weldment	40 pound OPL models; Electric heat
	F8360803	Shell Weldment	40 pound OPL models; Standard
	F8360901	Shell Weldment	60 pound coin models; Standard
	F8360902	Shell Weldment	60 pound OPL models; Electric heat
	F8360903	Shell Weldment	60 pound OPL models; Standard
5	F8442701	Screw	20 pound models
6	44087301	Nut	
7	F8247001	Frame Weldment	20 pound models
	F8248001	Frame Weldment	30 pound models
	F8249001	Frame Weldment	40 pound models
	F8250001	Frame Weldment	60 pound models

Drain Plumbing - Design 1 Models

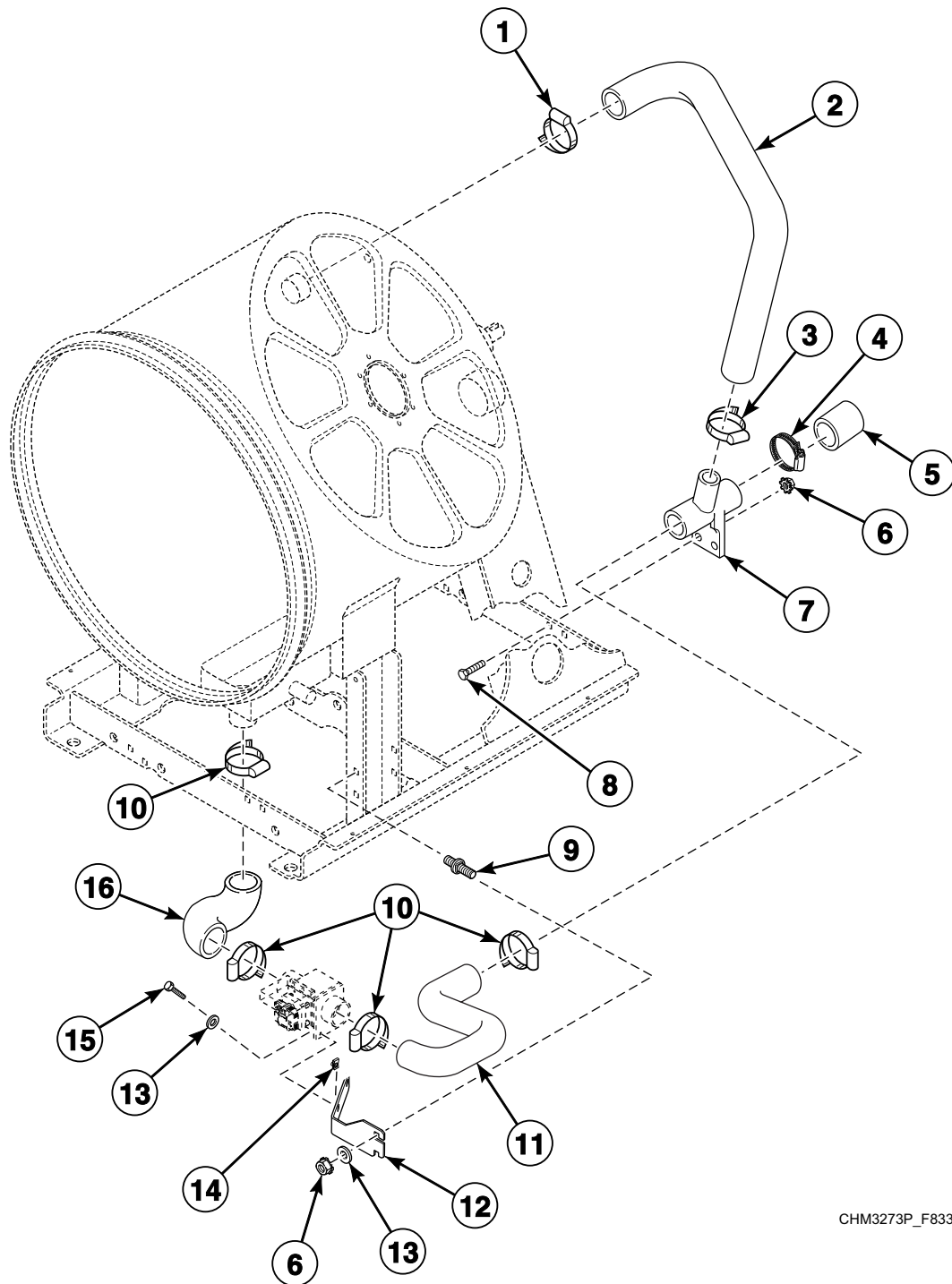


CHM3046P_F8330701

Drain Plumbing - Design 1 Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	F200213	Hose Clamp	No. 40
2	F150308	Overflow Hose	20 and 30 pound models
	F0200238-00	Overflow Hose	40 pound models
	F8337701	Overflow Hose	40 pound models; Electric heat
	F150417	Overflow Hose	60 pound models
3	F200215	Hose Clamp	40 pound models
	F200213	Hose Clamp	No. 40; All other models
4	F430107	Screw	
5	F430317	Washer	
6	F150318	Drain Connect Tee	20 and 30 pound models
	F150398	Drain Tee	40 and 60 pound models
7	F200213	Hose Clamp	No. 40; 20 and 30 pound models
	F200201	Hose Clamp	No. 56; 40 and 60 pound models
8	F8233101	Drain Hose	Rear; 20 pound models
	F8233102	Drain Hose	Rear; 30 pound models
	F8231901	Drain Hose	Rear; 40 pound models
	F8231902	Drain Hose	Rear; 60 pound models
9	F8233001	Drain Hose	Front; 20 and 30 pound models
	F8232901	Drain Hose	Front; 40 and 60 pound models
10	F430215	Nut	

Drain Plumbing - Design 2 and 3 Models

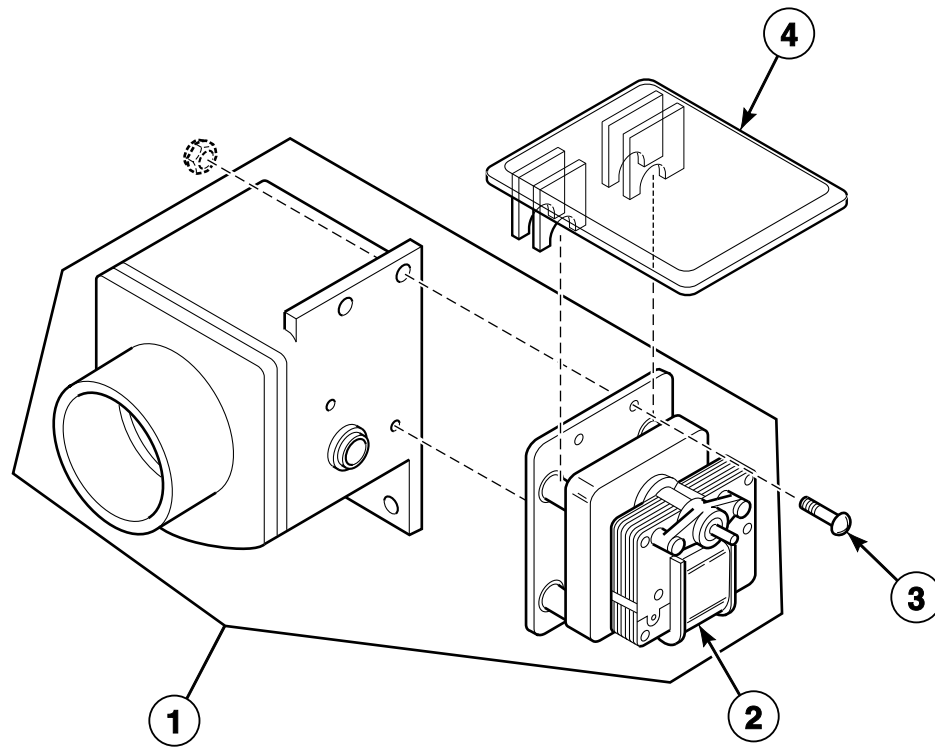


CHM3273P_F8330701

Drain Plumbing - Design 2 and 3 Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	F200213	Hose Clamp	No. 40
2	F8367901	Overflow Hose	20 pound models
	F8368001	Overflow Hose	30 pound models
	F8367201	Overflow Hose	40 and 60 pound models
3	F200215	Hose Clamp	No. 28; 20 and 30 pound models
	F200213	Hose Clamp	No. 40; 40 and 60 pound models
4	F200201	Hose Clamp	No. 56; 40 and 60 pound models
5	F200165100	Drain Hose	40 and 60 pound models
6	44087201	Nut	
7	F150318	Drain Connect Tee	20 and 30 pound models
	F150398	Drain Tee	40 and 60 pound models
8	F430522	Bolt	20 and 30 pound models
	F8402801	Bolt	40 and 60 pound models
9	70334702	Stud	
10	F200213	Hose Clamp	No. 40; 20 and 30 pound models
	F200201	Hose Clamp	No. 56; 40 and 60 pound models
11	F8365601	Rear Drain Hose	20 pound models
	F8365602	Rear Drain Hose	30 pound models
	F8231904	Rear Drain Hose	40 pound models
	F8231905	Rear Drain Hose	60 pound models
12	F8365401	Bracket	20 pound models
	F8365402	Bracket	30 pound models
	F8434601	Bracket	40 pound models
	F8434701	Bracket	60 pound models
13	M405535	Washer	
14	70030401	Nut	
15	202175	Screw	
16	F8261302	Drain Hose	20 and 30 pound models
	F8261303	Drain Hose	20 and 30 pound models; Electric heat
	F8232901	Drain Hose	40 and 60 pound models
	F8464701	Drain Hose	40 and 60 pound models; Electric heat

Drain Valve Assembly - 20 and 30 Pound Models

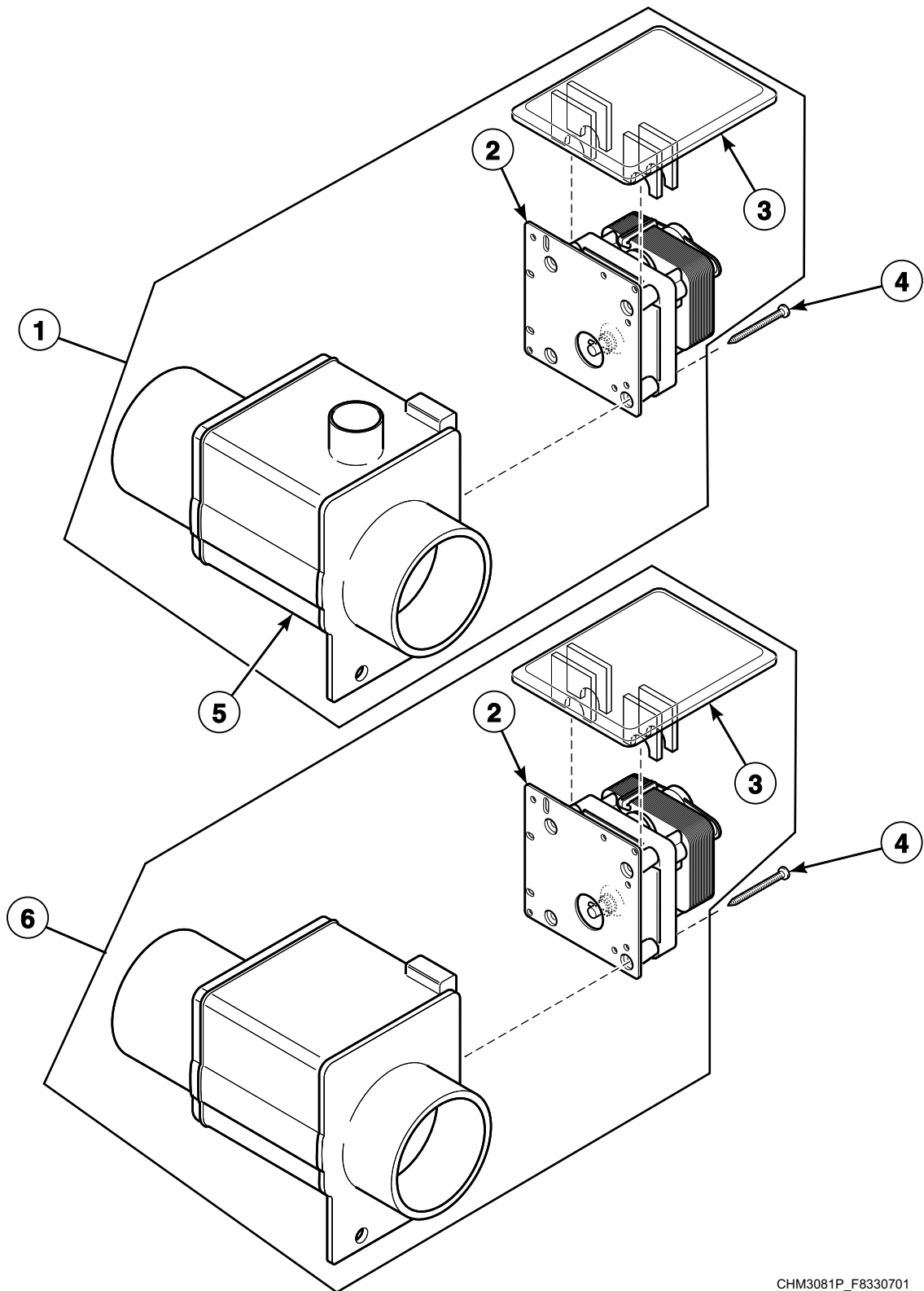


CHM2450P_F8330701

Drain Valve Assembly - 20 and 30 Pound Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	803292	Gravity Drain Valve	220 Volt
2	F380933P	Drain Valve Motor	Round shaft; 220 Volt
	G159764P	Drain Valve Motor and Gear Box Assembly	Keyed shaft; 220 Volt
3	F200182700	Bolt	
4	F200133600	Drain Valve Cover	

Drain Valve Assembly - 40 and 60 Pound Models

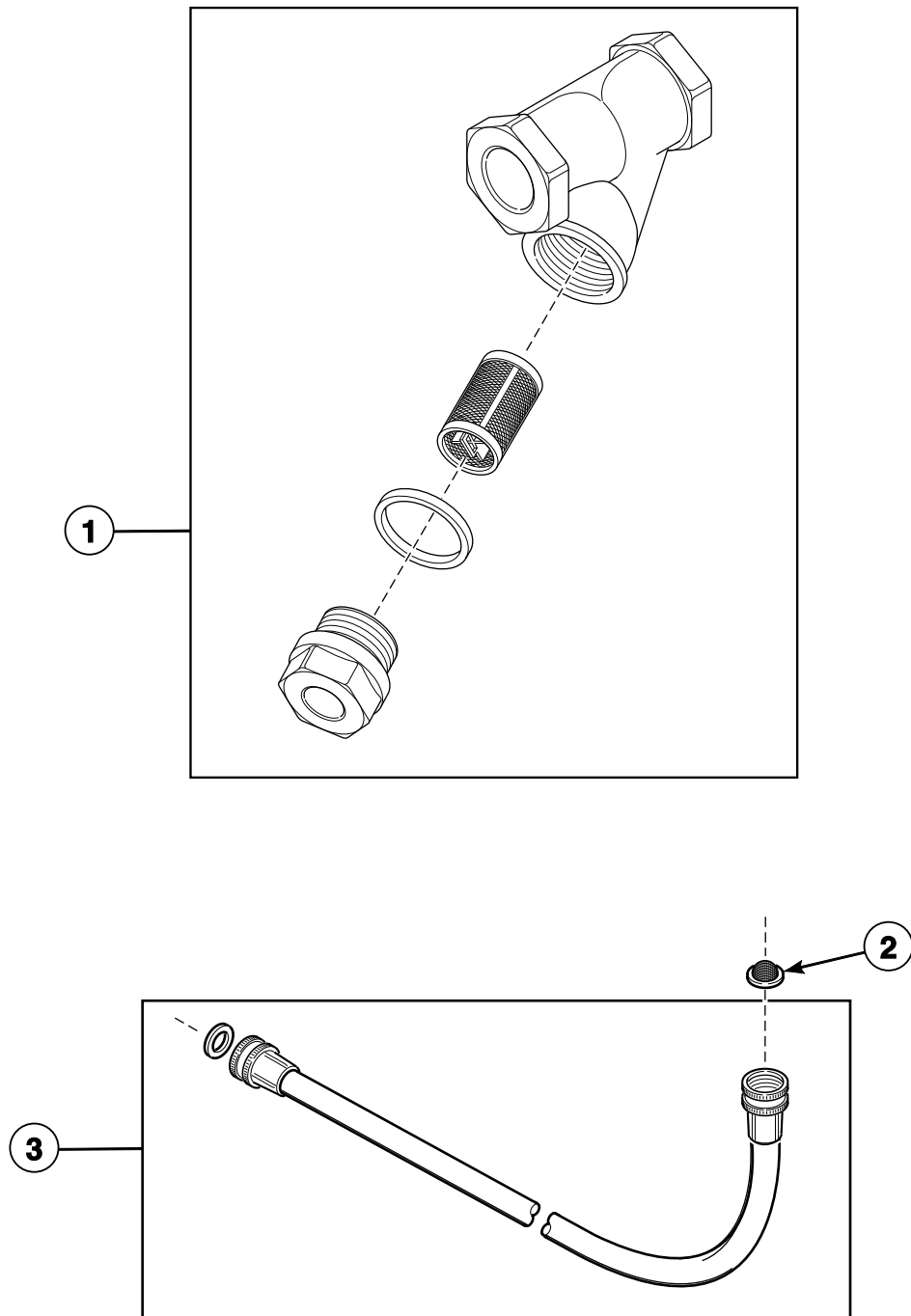


CHM3081P_F8330701

Drain Valve Assembly - 40 and 60 Pound Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	F200166400	Drain Valve Kit	220 Volt; Electric and steam heat
2	F380933P	Drain Valve Motor	Round shaft; 220 Volt
	G159764P	Drain Valve Motor and Gear Box Assembly	Keyed shaft; 220 Volt
3	F200133600	Drain Valve Cover	
4	F200182700	Bolt	
5	F8406307	Drain Valve	240 Volt; Electric and steam heat
6	F200166402	Drain Valve Kit	220 Volt

Steam Filter (Optional) and Water Supply Hose

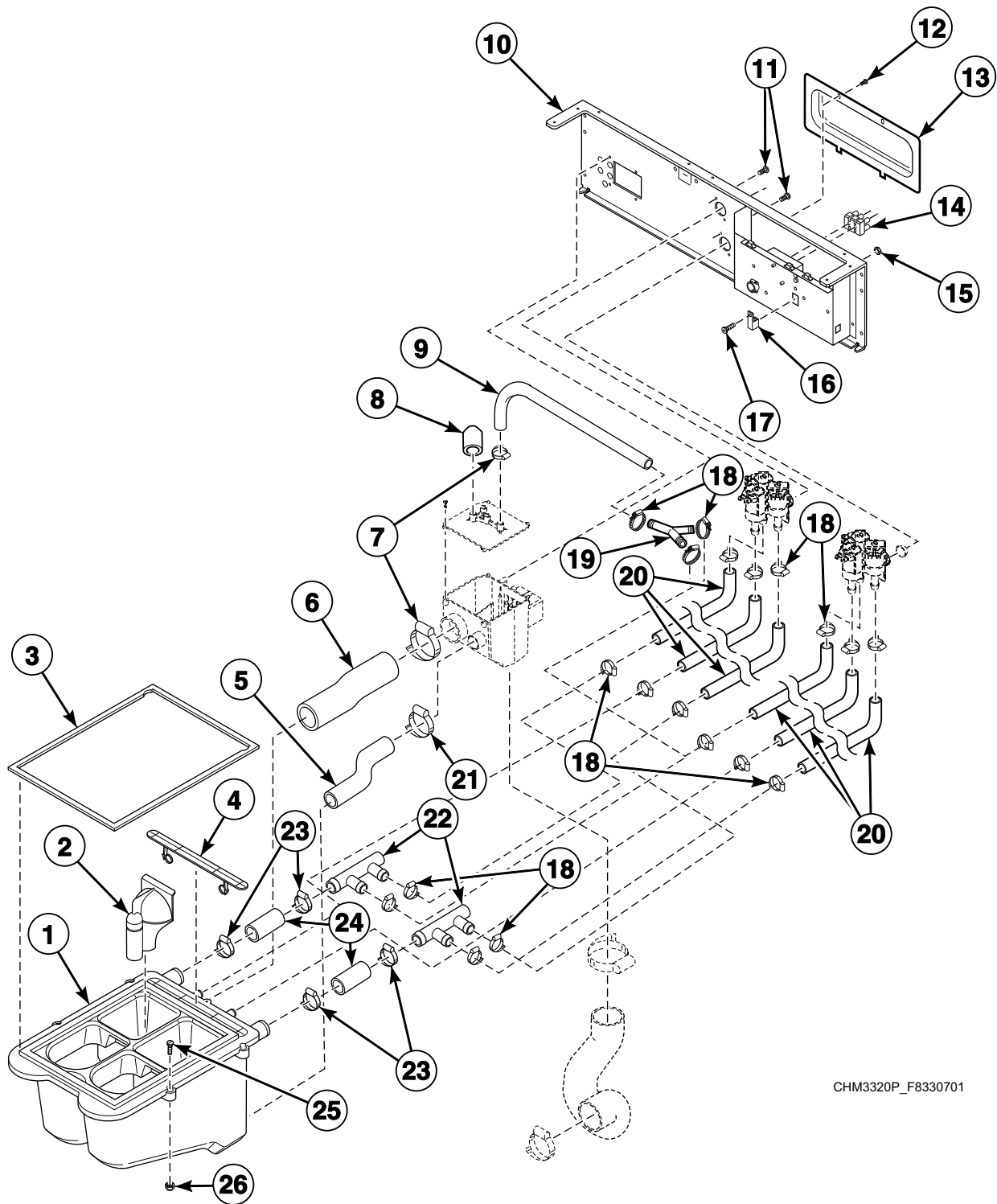


CHM3049P_F8330701

Steam Filter (Optional) and Water Supply Hose

REF	PART NO.	DESCRIPTION	COMMENTS
1	F270307	Steam Filter	1/2 inch
	F270308	Steam Filter	3/4 inch
2	803615	Washer	Filter
3	F200116	Water Hose	3/8 inch; Standard thread
	F200108P	Water Hose	1/2 inch; Standard or metric thread
	223/00049/10	Fill Hose	Metric thread

Fill Plumbing Assembly (Drawing 1 of 2)

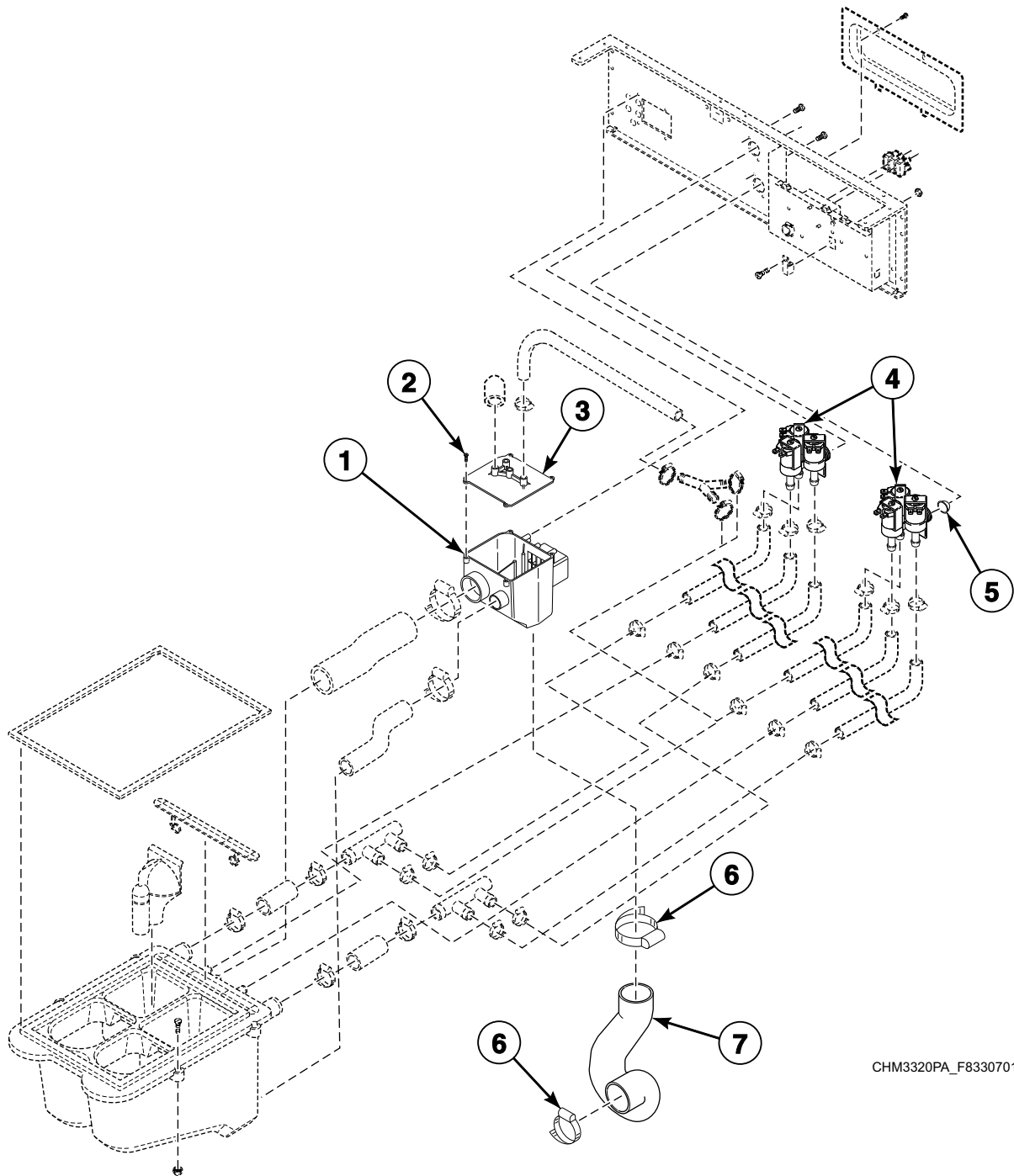


CHM3320P_F8330701

Fill Plumbing Assembly (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8047401	Dispenser Assembly	Models through 10/15/12
	F8047402	Dispenser Assembly	Models starting 10/16/12
2	F8047901	Siphon Cover	
3	F8308301	Dispenser Gasket	
4	F8047801	Access Cover	
5	F8043401	Dispenser Overflow Hose	20 pound models
	F8043403	Dispenser Overflow Hose	30 pound models
	F8043404	Dispenser Overflow Hose	40 pound models
	F8043405	Supply Overflow Hose	60 pound models
6	F8042801	Vacuum Supply Hose	20 pound models
	F8042803	Vacuum Supply Hose	30 pound models
	F8042804	Vacuum Supply Hose	40 pound models
	F8042805	Vacuum Supply Hose	60 pound models
7	F200213	Hose Clamp	No. 40
8	F8197701	Cap	
9	F0200244-01	Vacuum Breaker Hose	60 pound models
	F0200244-02	Vacuum Breaker Hose	All other models
10	F8039901	Valve Panel	20 pound models; Design 1
	F8017501	Valve Panel	30 pound models; Design 1
	F8039601	Valve Panel	40 pound models; Design 1
	F8039801	Valve Panel	60 pound models; Design 1
	F8398701	Valve Panel	20 pound models; Design 2 and 3
	F8398801	Valve Panel	30 pound models; Design 2 and 3
	F8398901	Valve Panel	40 pound models; Design 2
	F8399001	Valve Panel	60 pound models; Design 2
11	F8230301	Screw	
12	F8206901	Screw	
13	F8177001	Terminal Tray Cover	
14	430642	Terminal Block	Includes screws
15	F430232	Nut	
16	M411283	Ground Lug Connector	
17	F430909	Screw	
18	36801	Hose Clamp	No. 8; Design 1
19	F422816	Y Connector	Design 1
20	F8232004	Hose	20 pound models
	F8232001	Hose	30 pound models
	F8232002	Hose	40 and 60 pound models
21	20211	Hose Clamp	No. 17
22	F8333201	Manifold	
23	F200222	Hose Clamp	No. 12
24	F606816-1	Hose	
25	F0430268-00	Screw	
26	F0431807-00	Nut	

Fill Plumbing Assembly (Drawing 2 of 2)

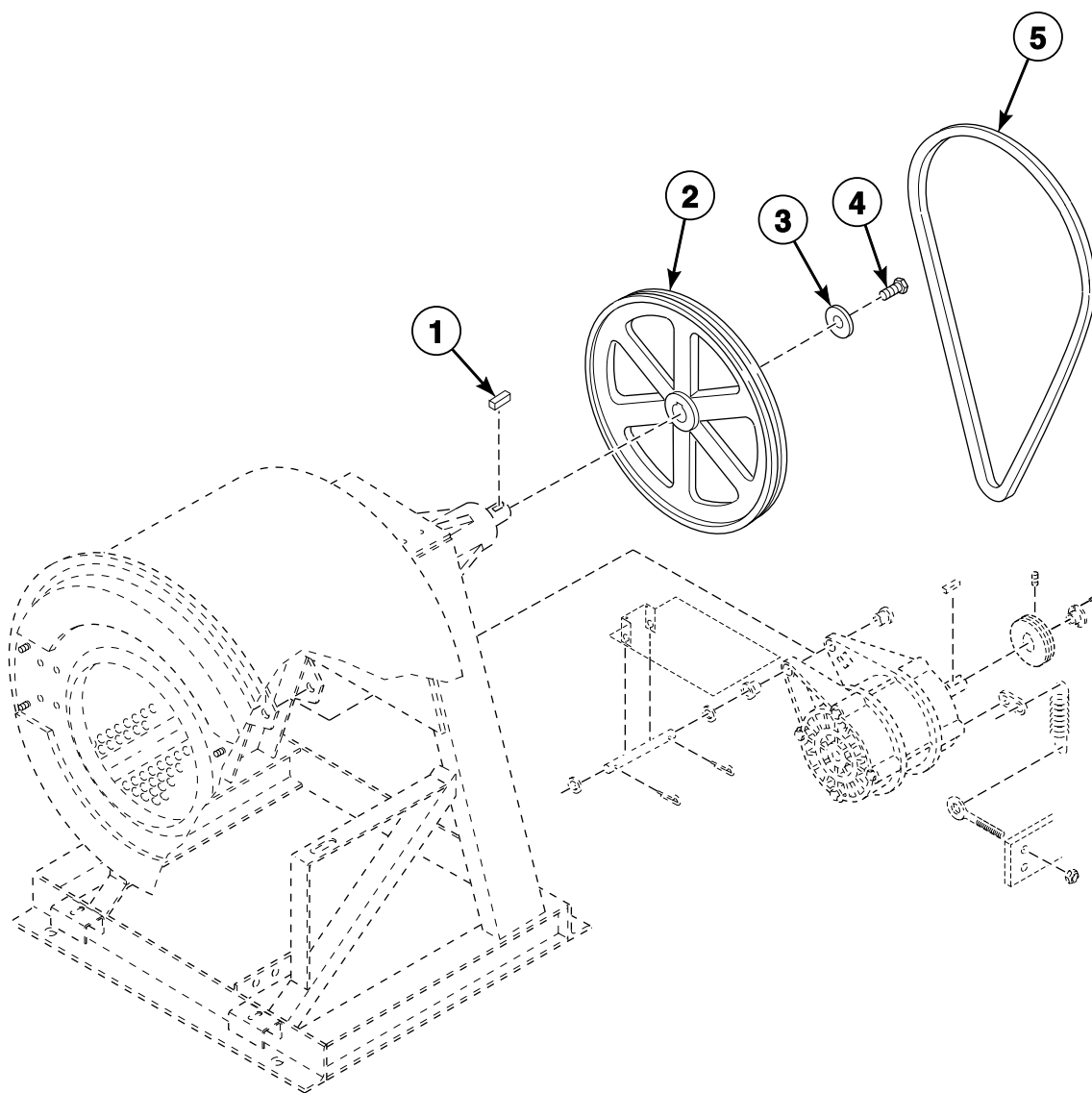


CHM3320PA_F8330701

Fill Plumbing Assembly (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8048601	Vacuum Breaker Assembly	Includes items 2 and 3
2	800548	Screw	
3	F8439301	Vacuum Breaker Cover	
4	F8286401P	3-Way Valve	240 Volt/50 or 60 Hertz; U.S.
	F8286402P	3-Way Valve	240 Volt/50 or 60 Hertz; Metric
5	803615	Washer	Filter
6	F200213	Hose Clamp	No. 40
7	F8042201	P-Trap Hose	20 pound models
	F8042202	P-Trap Hose	30 and 40 pound models
	F8042301	P-Trap Hose	60 pound models

Pulley and Belt - Design 1 Models (Drawing 1 of 3)

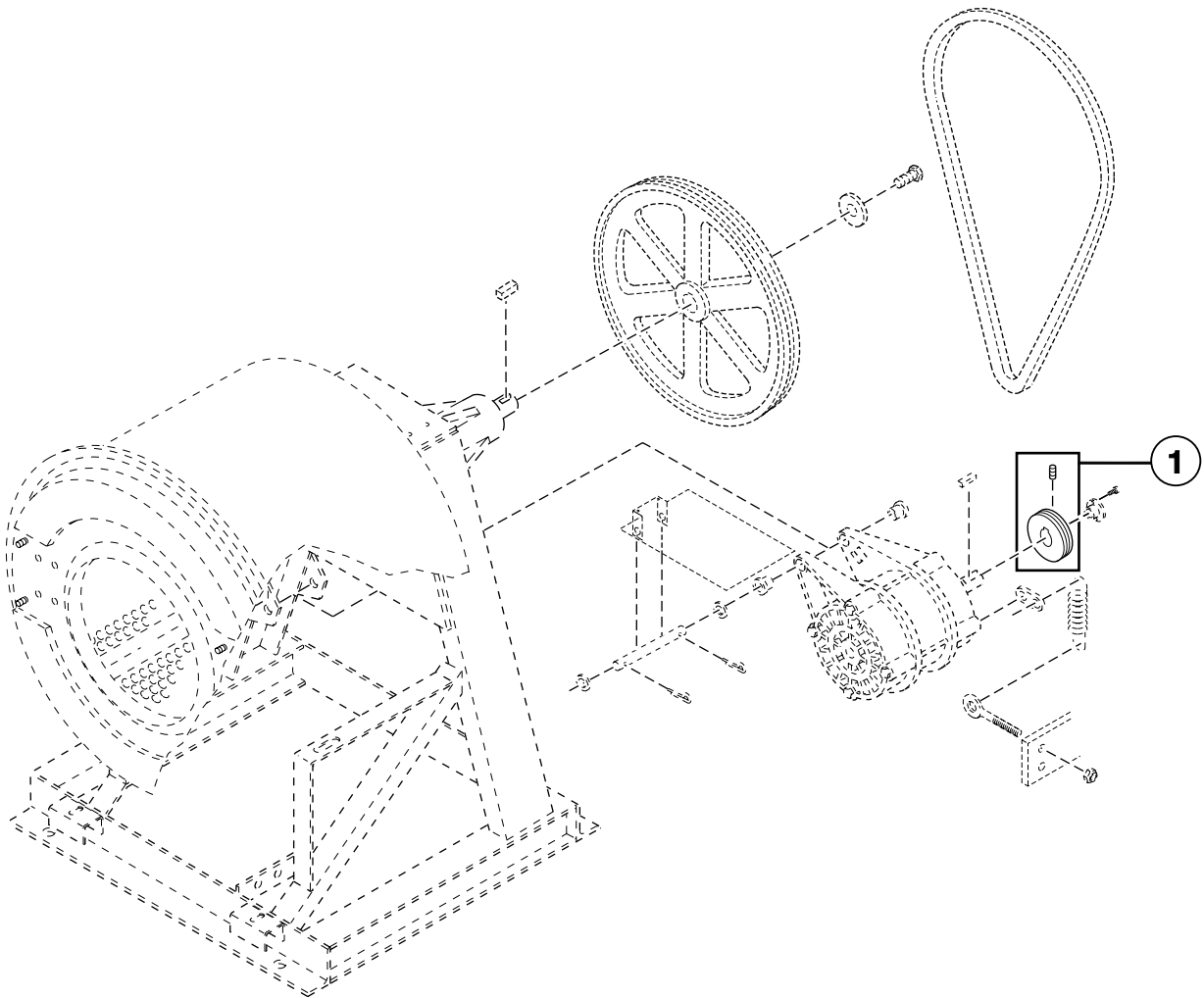


CHM3050P_F8330701

Pulley and Belt - Design 1 Models (Drawing 1 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F430801	Key	
2	F280170	Sheave Pulley	20 pound models; 13V1800
	F280172	Sheave Pulley	30 pound models; 13V2200
	F280197	Pulley	40 pound models; 23V2200
	F200299700	Basket Pulley	60 pound models; X-voltage
	F280173	Pulley	60 pound models; All other voltages; 23V2400
3	F431115	Washer	
4	F430100	Screw	
5	F280343	Belt	3V730; 20 pound 2 speed models; C and O-voltage
	F280337	Belt	3V710; 20 pound 2 speed models; B, O and Y-voltage
	F280370	Belt	690J4; 20 pound F and V-speed models; X-voltage
	F280321	Belt	3V800; 30 pound 2 speed models; C, F, O and Y-voltage
	F280368P	Belt	785J4; 30 pound F and V-speed models; X-voltage
	F280341	Belt	3V850; 40 pound 2 speed models; C-voltage
	F280342	Belt	3V830; 40 pound 2 speed models; F, O and Y-voltage
	F280369P	Belt	820J6; 40 pound F and V-speed models; X-voltage
	F280373	Belt	3V90.65; 60 pound 2 speed models; C-voltage
	F280304	Belt	3V900; 60 pound 2 speed models; F, O and Y-voltage
	F280366P	Belt	870J6; 60 pound F and V-speed models; R and X-voltage

Pulley and Belt - Design 1 Models (Drawing 2 of 3)

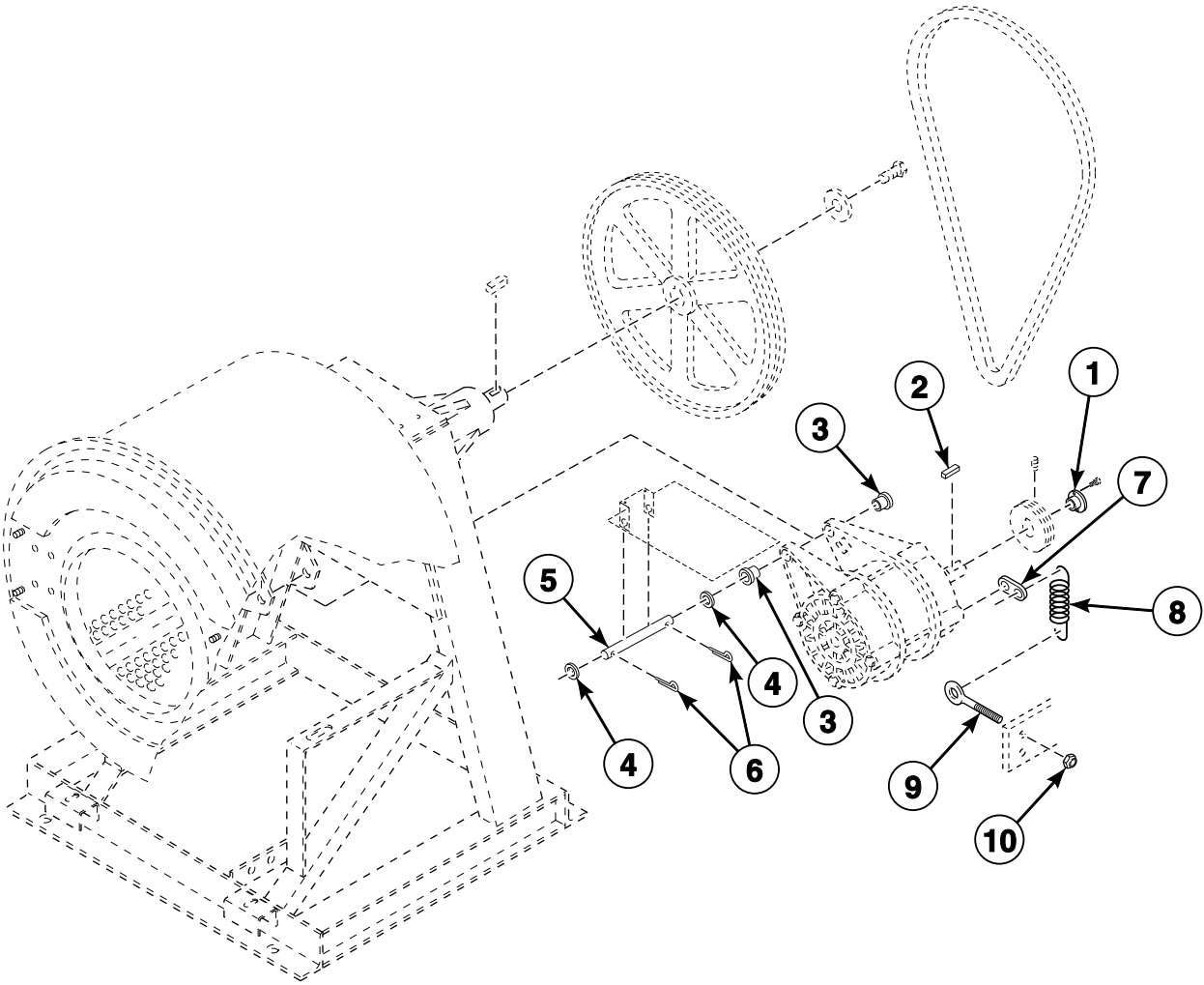


CHM3050PA_F8330701

Pulley and Belt - Design 1 Models (Drawing 2 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F280427P	Pulley	1GR3V3.15JA; Requires JA bushing; 20 pound 2 speed models; C-voltage
	F280170	Sheave Pulley	1GR3V2.65; 20 pound 2 speed models; B, O and Y-voltage
	H87520334	Sheave	1GR3V3.35JA; Requires JA bushing; 30 pound 2 speed models; C-voltage
	F280284	Pulley	1GR3V2.9; 30 pound 2 speed models; F and O-voltage
	F280281	Motor Pulley	1GR3V3.0; 30 pound 2 speed models; Y-voltage
	F280172	Sheave Pulley	1GRV3V22.00; 30 pound 2 speed models; C, F, O and Y-voltage
	F280197	Pulley	2GRV3V22.00; 40 pound 2 speed models; C, F, O and Y-voltage
	F280105P	Pulley	2GR3V3.35SH; Requires SH bushing; 40 pound 2 speed models; C-voltage
	F0280385-00	Sheave	2GR3V3.00; 40 and 60 pound 2 speed models; F, O and Y-voltage
	F280422P	Pulley	2GR3V3.365SH; Requires SH bushing; 60 pound 2 speed models; C-voltage
	F280287P	Sheave Kit	F and V-speed models; X-voltage
	F280173	Pulley	60 pound 2 speed models; F and O-voltage

Pulley and Belt - Design 1 Models (Drawing 3 of 3)

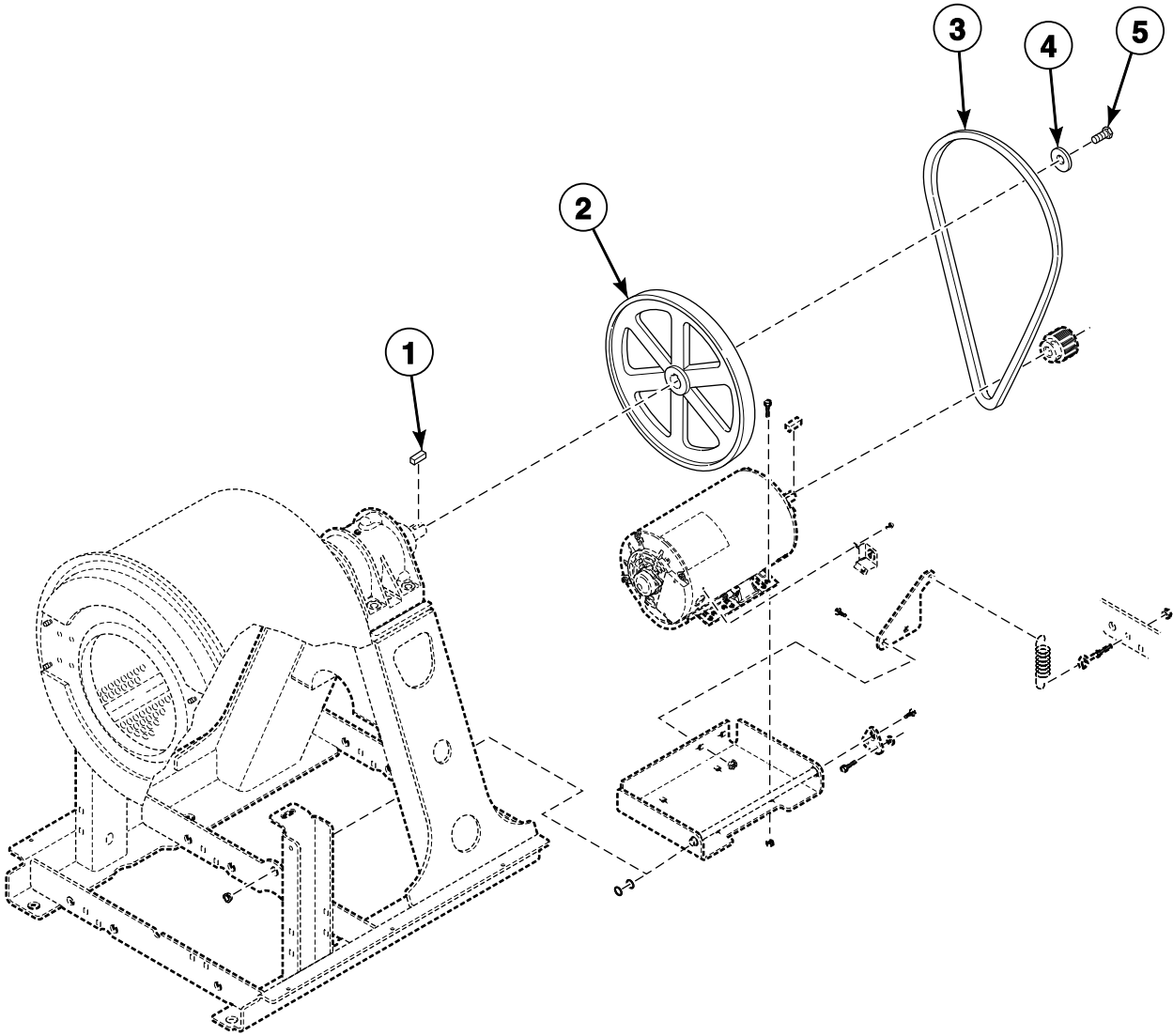


CHM3050PB_F8330701

Pulley and Belt - Design 1 Models (Drawing 3 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
1	H87529111P	Bushing	JA 5/8; 20 and 30 pound models; C-voltage
	F280298P	Pulley Bushing	JA 7/8; F and V-speed models; Q, R and X-voltage
	M412995P	Bushing	SH 7/8; 40 and 60 pound models; C-voltage
2	F430801	Key	30 pound models
	F430802	Key	All other models
3	F200186100	Motor Support Bushing	
4	901690	Washer	
5	F602844	Motor Support Rod	20 pound models; 30 pound models except X-voltage
	F603059	Motor Support Rod	30 pound models X-voltage; 40 pound models
	F603897	Motor Support Rod	60 pound models
6	F430401	Cotter Pin	
7	F633374	Spring Clip	
8	F310148	Tension Spring	40 and 60 pound models; X-voltage
	F310124	Extension Spring	40 and 60 pound models except X-voltage; All other models
9	F430537	Screw	40 and 60 pound models; X-voltage
10	F430218	Nut	

Pulley and Belt - Design 2 and 3 Models (Drawing 1 of 2)

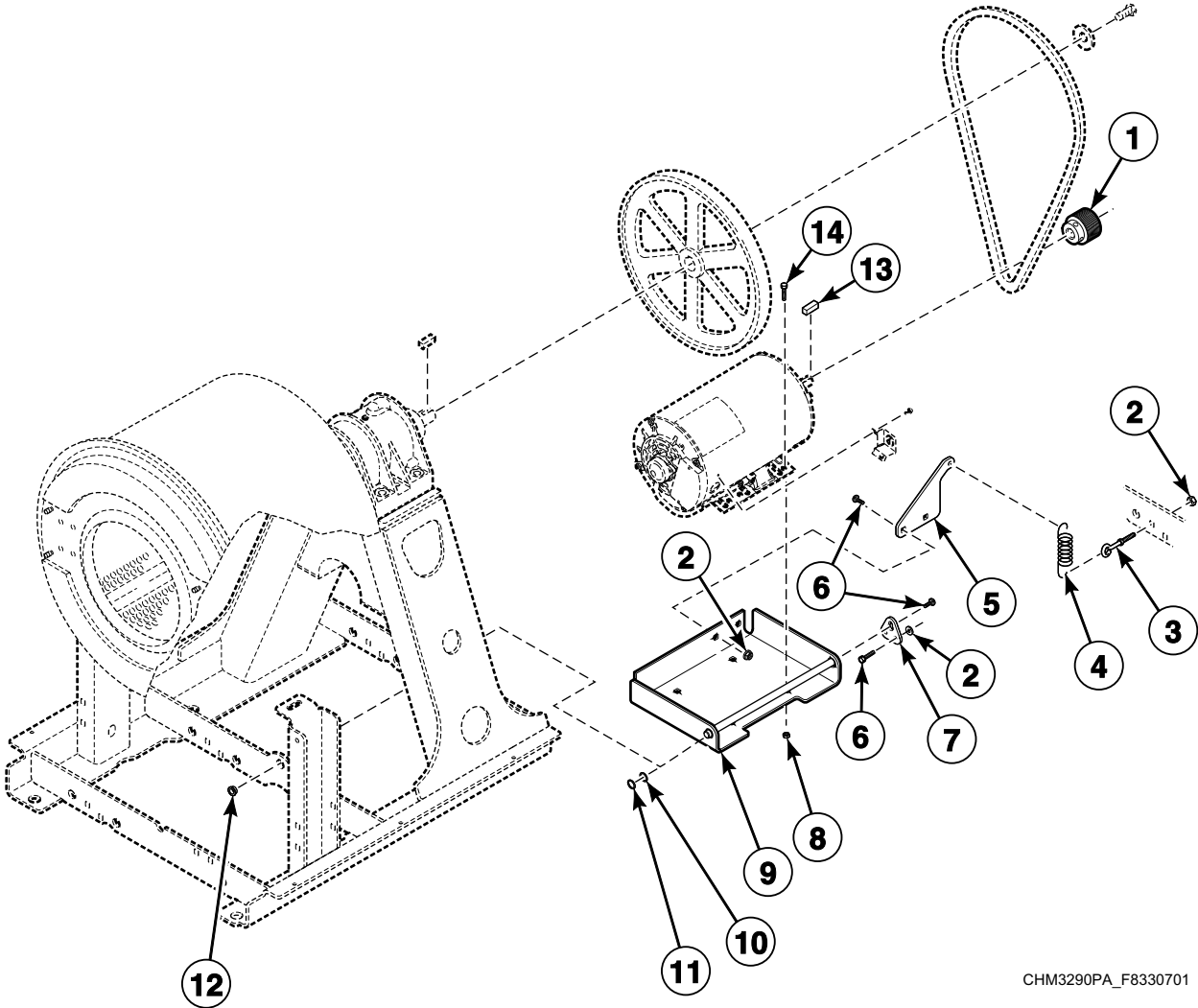


CHM3290P_F8330701

Pulley and Belt - Design 2 and 3 Models (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F430801	Key	
2	F150270	Basket Pulley	20 pound models
	F150269	Basket Pulley	30 and 40 pound models
	F200299700	Basket Pulley	60 pound models
3	F8382801	Belt	20 pound models; B, Q and X-voltage
	F200201700P	Belt	20 pound models; N and P-voltage
	F8382803	Belt	30 pound models
	F8382804	Belt	40 pound models
	F8382805	Belt	60 pound models
4	F431115	Washer	
5	F430100	Screw	

Pulley and Belt - Design 2 and 3 Models (Drawing 2 of 2)

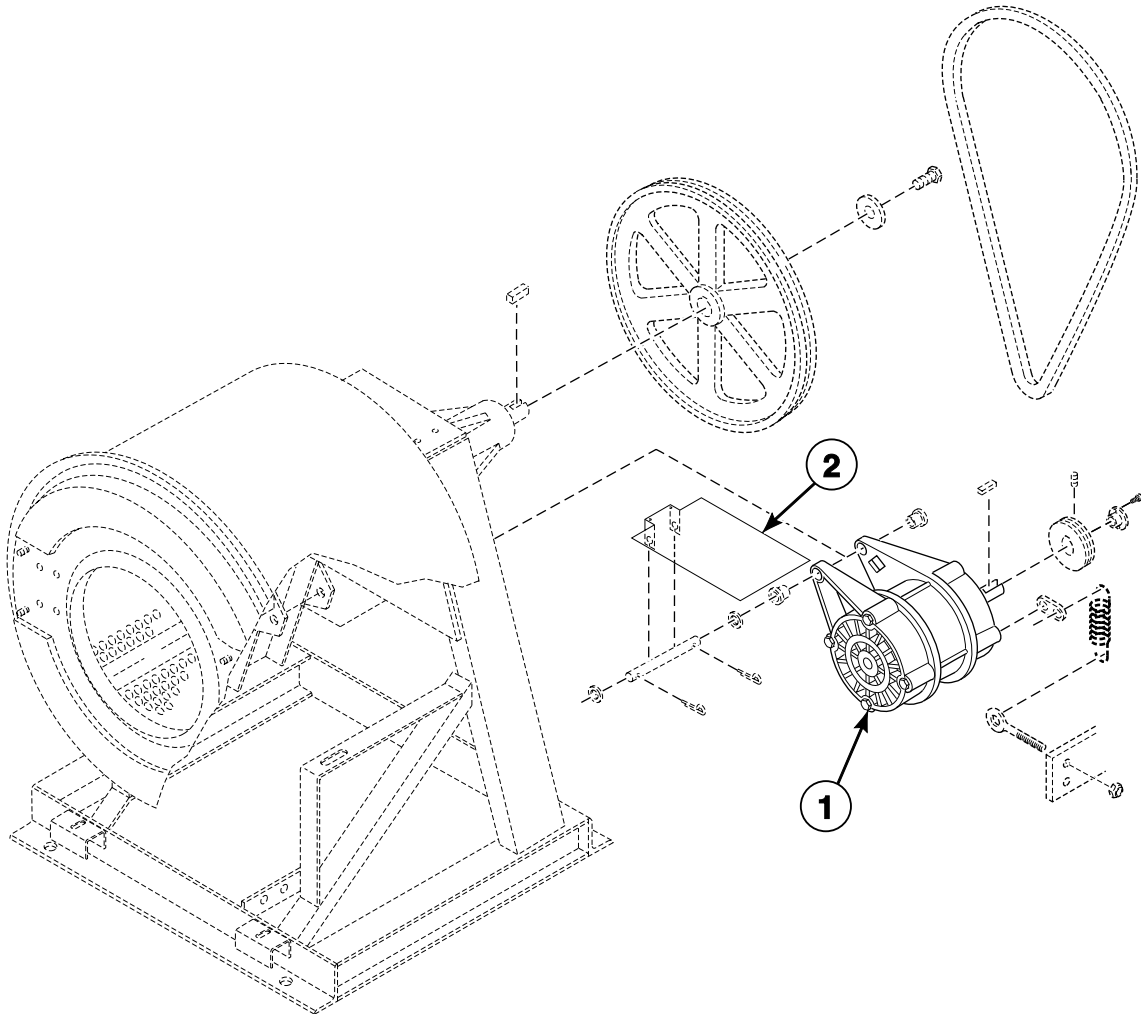


CHM3290PA_F8330701

Pulley and Belt - Design 2 and 3 Models (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8362501	Motor Pulley	20 pound models N and P-voltage; 30, 40 and 60 pound models
2	44087201	Nut	
3	F8351901	Eye Bolt	
4	F310124	Extension Spring	
5	F8363901	Spring Plate	
6	F8402801	Bolt	
7	F8441101	Motor Rod Plate	
8	F8387601	Nut	
9	F8441601	Motor Bracket Weldment	20 and 30 pound models
	F8441602	Motor Bracket Weldment	40 and 60 pound models
10	F8451601	Spacer	
11	F8441901	O-Ring	
12	F8333301	Flanged Bushing	
13	F430801	Key	30 pound models
14	800461	Screw	

Motor - Design 1 Models



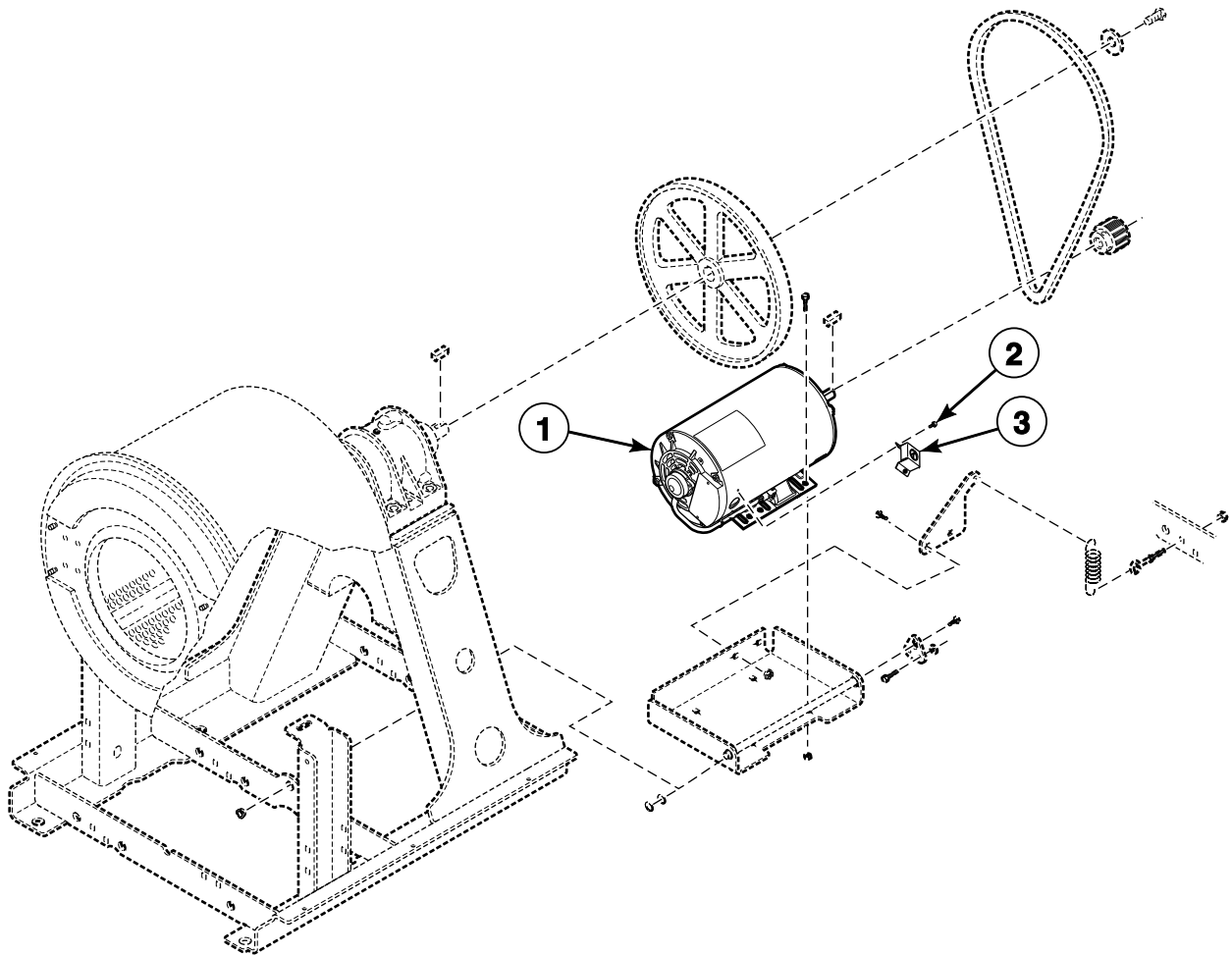
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Motor - Design 1 Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8329601P	Motor	20 pound 2 speed models; Replaces F220110 Motor; B-voltage; Includes motor support bushing
	F8329401P	Motor	20 pound 2 speed models; Replaces F022032500P and F220325-H Motors; C and F-voltage; Includes motor support bushing
	F8329301P	Motor	20 pound 2 speed models; Replaces F022039600 and F220396-H Motors; J, K and O-voltage; Includes motor support bushing
	F8328901P	Motor Conversion Kit	20 pound F and V-speed models; Replaces F220393 Motor; X-voltage; Includes motor support bushing; **
	F022012800P	Motor	20 pound 2 speed models; Use with F220128-H Motor; Y-voltage; Includes F200186100 Motor Support Bushing
	F8329801P	Motor	30 pound 2 speed models; Replaces F022038800 and F220388-H Motors; C and F-voltage; Includes motor support bushing
	F8329701P	Motor	30 pound 2 speed models; Replaces F022038700 and F220387-H Motors; J, K and O-voltage; Includes motor support bushing
	F8329001P	Motor Conversion Kit	30 pound F and V-speed models; Replaces F220395 Motor; X-voltage; Includes motor support bushing; **
	F8329001	Motor	30 pound F and V-speed models; Models that have been converted with F8329001P Motor Conversion Kit or models starting 3/3/10; X-voltage; Includes motor support bushing
	F8329901P	Motor	30 pound 2 speed models; Replaces F022012400 and F220124-H Motors; Y-voltage; Includes motor support bushing
	F8330101P	Motor	40 pound 2 speed models; Replaces F022032600 and F220326-H Motors; C and F-voltage; Includes motor support bushing
	F8330001P	Motor	40 pound 2 speed models; Replaces F0220321-00 Motor on models through 7/25/10; All other models starting 7/26/10; O-voltage; Includes motor support bushing
	F8330201P	Motor	40 pound 2 speed models; Replaces F0220120-01P Motor on models through 12/31/10; All other models starting 1/1/11; Y-voltage; Includes motor support bushing
	F8329101P	Motor Conversion Kit	40 pound F and V-speed models; Replaces F220394 Motor; X-voltage; Includes motor support bushing; **
	F8329101	Motor	40 pound F and V-speed models; Models that have been converted with F8329101P Motor Conversion Kit or models starting 6/21/10; X-voltage; Includes motor support bushing
	F8330301P	Motor	60 pound 2 speed models; Replaces F022032200 Motor; O-voltage; Includes motor support bushing
	F8329201P	Motor Conversion Kit	60 pound F and V-speed models; Replaces F220234 Motor; X-voltage; Includes motor support bushing; **
	F8329201	Motor	60 pound F and V-speed models; Models that have been converted with F8329201P Motor Conversion Kit or models starting 9/16/10; X-voltage; Includes motor support bushing
2	F200216900	Motor Drip Shield	20 and 30 pound 2 speed models; 40 pound 2 speed models except Y-voltage; 60 pound F and V-speed models
	F200280700	Motor Drip Shield	40 pound models Y-voltage; 60 pound 2 speed models

**** NOTE: AC drive parameters must be compatible with the motor and motor pulley. Please request the AC drive parameter illustration for parameter verification when ordering a motor.**

Motor - Design 2 and 3 Models

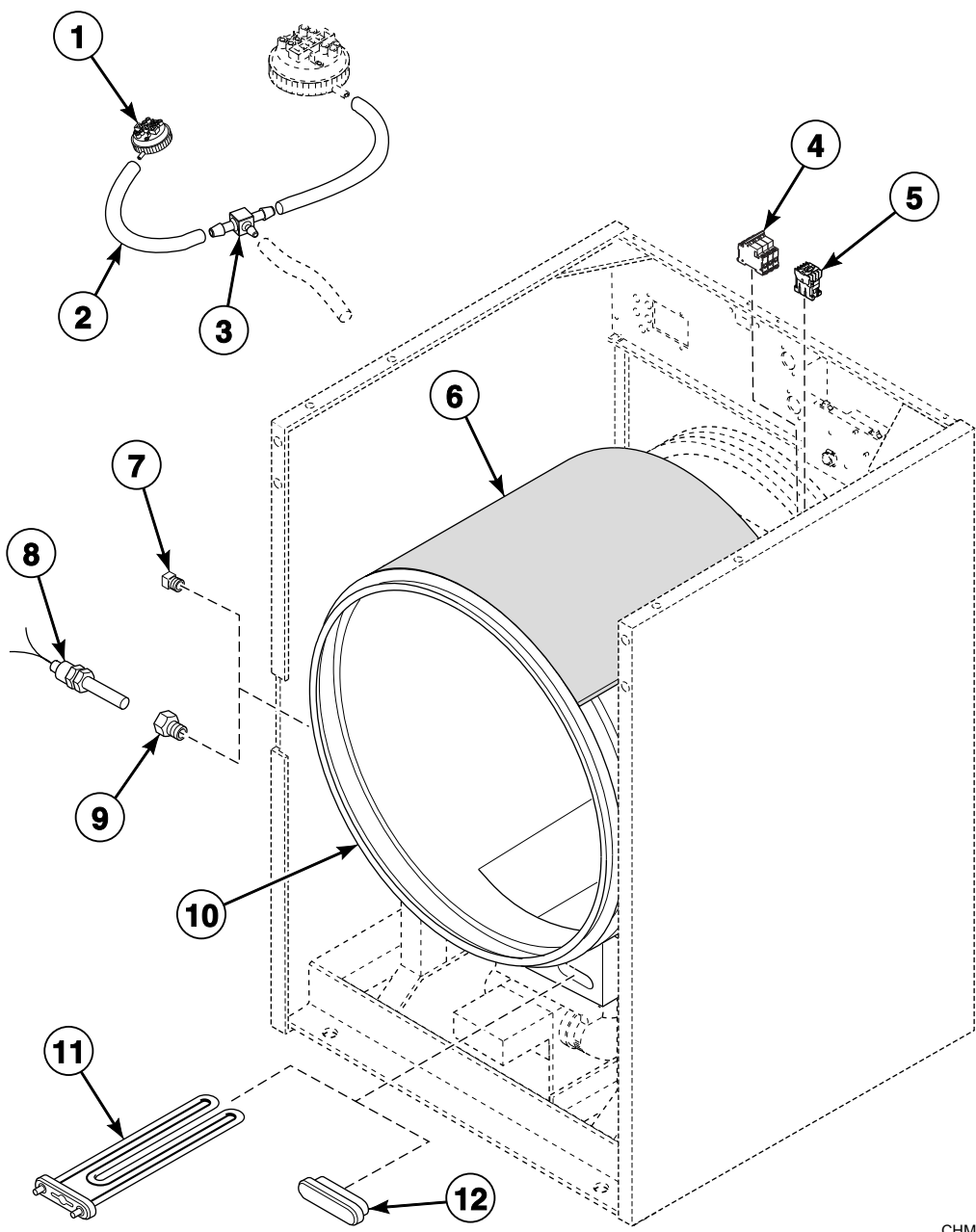


CHM3290PB_F8330701

Motor - Design 2 and 3 Models

REF	PART NO.	DESCRIPTION	COMMENTS
	F8396601	Motor Harness	20, 30 and 40 pound models N and P-voltage; 60 pound models
	F8384801	Motor Harness	20 pound models; B, Q and X-voltage
	F8384901	Motor Harness	30 and 40 pound models; X and Q-voltage
1	F200216900	Motor Drip Shield	20 pound models; B, Q and X-voltage
	801194P	Induction Motor	20 pound models; B, Q and X-voltage; Includes pulley
	F8335001P	Motor	20 pound models N and P-voltage; 30 and 40 pound models
	F8335101P	Motor	60 pound models
2	23222	Screw	
3	70321701	Motor Conduit Mounting Bracket	

Electric Heat Option

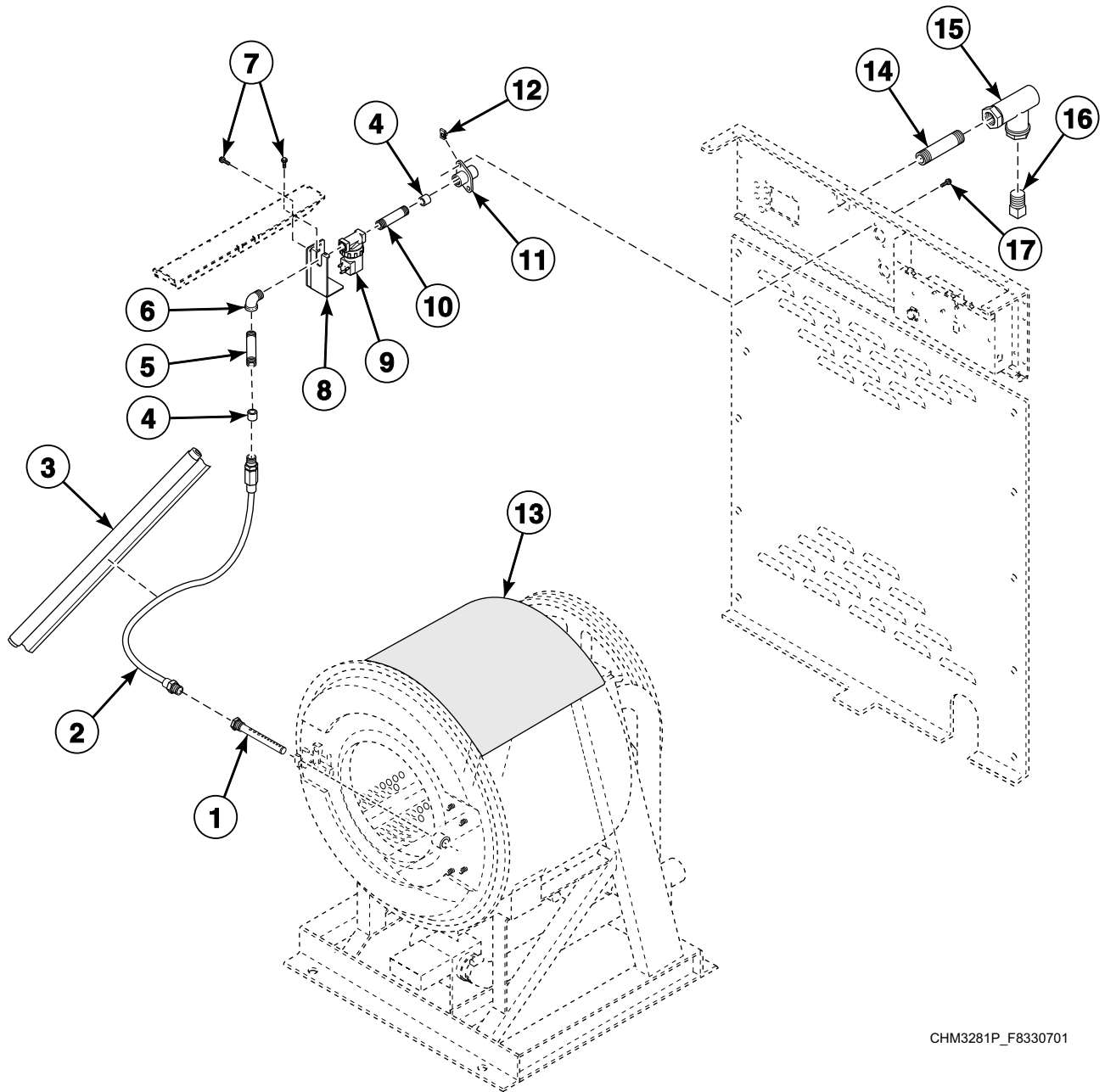


CHM3319P_F8330701

Electric Heat Option

REF	PART NO.	DESCRIPTION	COMMENTS
	F8056001	Jumper Wire	P-voltage models require 5; N-voltage models require 3
1	F8223001P	Water Pressure Switch	Heat safety; Design 1 models
	F8404401	Water Pressure Switch	Design 2 models
2	F8153901	Tubing	
3	F8246601	Tee	
4	70256901P	Circuit Breaker	
5	F330188P	Contactator	
6	F410300	Pipe Insulation	
7	F421507	Plug	Design 1 models
	F200202600	Plug	Design 2 models
8	F370609	Thermistor Sensor	
9	F421936	Reducer Bushing	Design 1 models
10	F8179602	Shell Weldment	Design 1 models
	F8360602	Shell Weldment	20 pound models; Design 2 and 3
	F8360702	Shell Weldment	30 pound models; Design 2 and 3
	F8360802	Shell Weldment	40 pound models; Design 2
	F8360902	Shell Weldment	60 pound models; Design 2
11	F360205P	Element	2.6 kW; 3 used in 20 and 30 pound models; 6 used in 40 and 60 pound models
12	F360202	Heating Element Plug	

Steam Heat Option



CHM3281P_F8330701

Steam Heat Option

REF	PART NO.	DESCRIPTION	COMMENTS
	F953P3	Steam Heat Kit	Includes items 1, 2, 5-12, 14, 16 and 17 and harness
	F380984P	Steam Valve Repair Kit	Use with item 9
	F8382301	DIN Valve Adapter Kit	Design 2 and 3 models; Use with F8322801P Valve
	F8379501	Valve Kit	Use with F8322801P Valve
	F8514601	Coil	Use with F8322801P Valve
1	F603131	Steam Injector Tube Assembly	Design 1 models
	F8368201	Steam Injector Tube Assembly	Design 2 and 3 models
2	F200197	Steam Hose	
3	F8233700	Pipe Insulation	Design 2 and 3 models
4	F8116301	Coupling	Design 2 and 3 models; 60 pound models 2 required
5	F8110601	Nipple	60 pound models
6	H86070034	Street Elbow	
7	F8206901	Screw	
8	F8212001	Steam Bracket	
9	F380787P	Steam Valve	220 Volt; Design 1 models
	F8322801P	Valve	Design 2 and 3 models; Replaces F380787P Steam Valve on Design 1 models; Includes F8382301 DIN Valve Adapter Kit and F8514601 Coil
10	70263801	Pipe Nipple	
11	F8154501	Coupling	Design 1 models
	F8362701	Coupling	Design 2 and 3 models
12	70030401	Nut	
13	F410300	Pipe Insulation	Design 1 models
14	431486	Pipe Nipple	
15	F270307	Steam Filter	
16	F420409	Plug	
17	20253	Screw	

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Parts Index

A

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