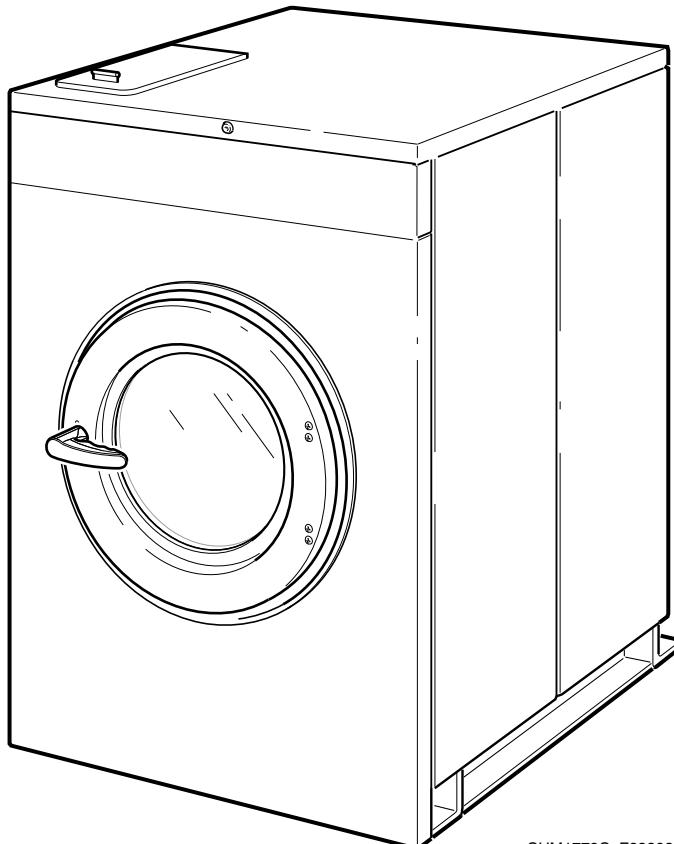


# Washer-Extractor

## Cabinet Hardmount

Refer to Page 5 for Model Numbers



CHM1772C\_F8339301



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## Parts Ordering Information

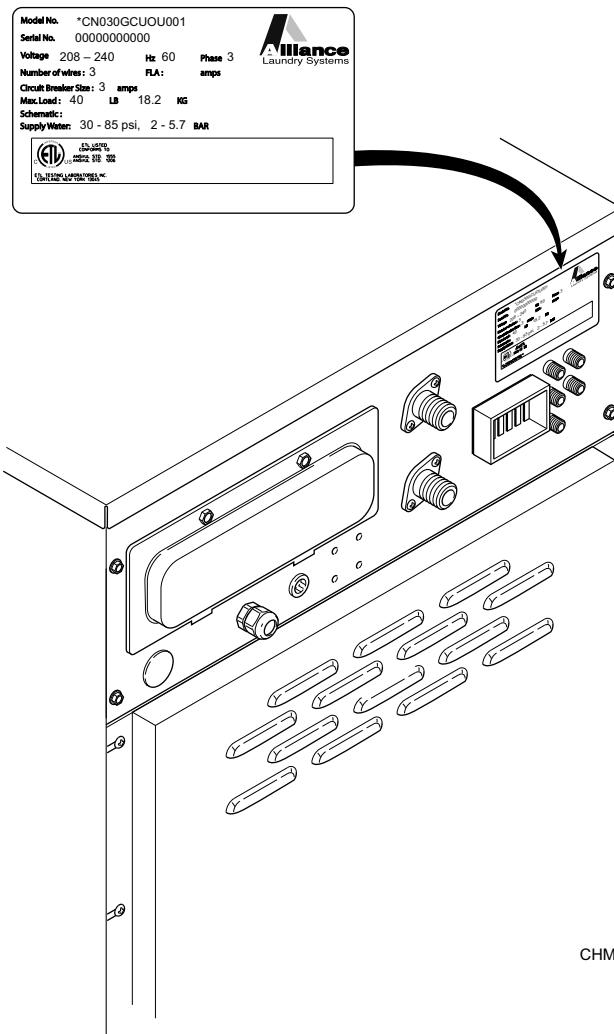
If literature or replacement parts are required, contact the source from whom the machine was purchased or contact Alliance Laundry Systems at (920) 748-3950 for the name and address of the nearest authorized parts distributor.

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\_F8339301

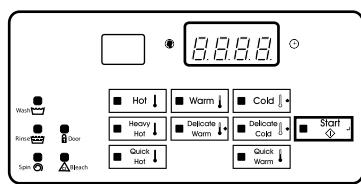
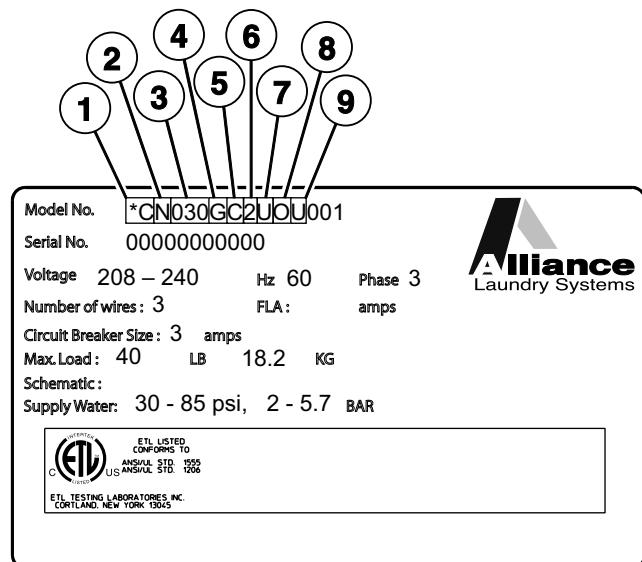
## Notes

## Model Identification

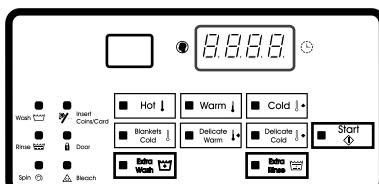
Information in this manual is applicable to these washer-extractor models:

HCD020GD2	HCU020GC2	SCD030GD2	SCU020GC2	UCL020GN2
HCL020GC2	HCU020GD2	SCD040GD2	SCU020GD2	UCL020GNF
HCL020GD2	HCU020GE2	SCD060GD2	SCU020GE2	UCL030GN2
HCL020GN2	HCU020GL2	SCL020GC2	SCU020GL2	UCL030GNF
HCL020GNF	HCU020GN2	SCL020GN2	SCU020GN2	UCL040GN2
HCL030GN2	HCU020GX2	SCL020GNF	SCU020GNF	UCL040GNF
HCL030GNF	HCU020GY2	SCL030GC2	SCU020GX2	UCL060GN2
HCL040GN2	HCU030GC2	SCL030GCF	SCU020GY2	UCL060GNF
HCL040GNF	HCU030GD2	SCL030GN2	SCU030GC2	UCN020GN2
HCL060GN2	HCU030GE2	SCL030GNF	SCU030GD2	UCN020GNF
HCL060GNF	HCU030GL2	SCL040GC2	SCU030GE2	UCN030GN2
HCN020GC2	HCU030GN2	SCL040GCF	SCU030GL2	UCN030GNF
HCN020GD2	HCU030GX2	SCL040GN2	SCU030GN2	UCN040GN2
HCN020GE2	HCU030GY2	SCL040GNF	SCU030GNF	UCN040GNF
HCN020GN2	HCU040GC2	SCL060GC2	SCU030GX2	UCN060GN2
HCN020GNF	HCU040GD2	SCL060GN2	SCU030GY2	UCN060GNF
HCN020GX2	HCU040GE2	SCL060GNF	SCU040GC2	UCU020GN2
HCN020GY2	HCU040GL2	SCN020GC2	SCU040GD2	UCU030GN2
HCN030GC2	HCU040GN2	SCN020GD2	SCU040GE2	UCU040GN2
HCN030GD2	HCU040GX2	SCN020GE2	SCU040GL2	UCU060GN2
HCN030GE2	HCU040GY2	SCN020GN2	SCU040GN2	UCZ020GN2
HCN030GN2	HCU060GC2	SCN020GNF	SCU040GNF	UCZ020GNF
HCN030GNF	HCU060GD2	SCN020GX2	SCU040GX2	UCZ030GN2
HCN030GX2	HCU060GE2	SCN020GY2	SCU040GY2	UCZ030GNF
HCN030GY2	HCU060GL2	SCN030GC2	SCU060GC2	VCU030GN2
HCN040GC2	HCU060GN2	SCN030GD2	SCU060GD2	VCU040GN2
HCN040GD2	HCU060GX2	SCN030GE2	SCU060GE2	VCU060GN2
HCN040GE2	HCU060GY2	SCN030GN2	SCU060GL2	
HCN040GN2	HCZ020GN2	SCN030GNF	SCU060GN2	
HCN040GNF	HCZ020GNF	SCN030GX2	SCU060GNF	
HCN040GX2	HCZ030GN2	SCN030GY2	SCU060GX2	
HCN040GY2	HCZ030GNF	SCN040GC2	SCU060GY2	
HCN060GC2		SCN040GD2	SCZ020GN2	
HCN060GCF		SCN040GE2	SCZ020GNF	
HCN060GD2		SCN040GN2	SCZ030GN2	
HCN060GE2		SCN040GNF	SCZ030GNF	
HCN060GN2		SCN040GX2		
HCN060GNF		SCN040GY2		
HCN060GX2		SCN060GC2		
HCN060GY2		SCN060GCF		
		SCN060GD2		
		SCN060GDF		
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		SCN060GNF		
		SCN060GX2		
		SCN060GY2		

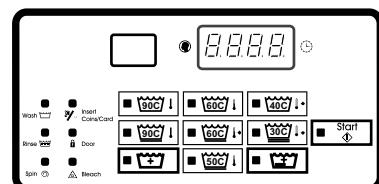
# Product Overview - M9, M30, Galaxy 400, Galaxy 600, Quantum Silver and Quantum Gold



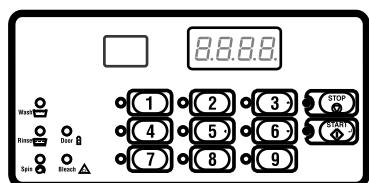
Galaxy 400 Coin



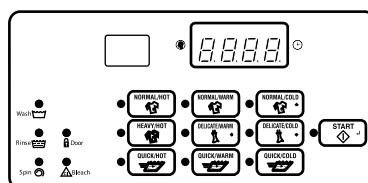
Galaxy 600 Coin (Domestic)



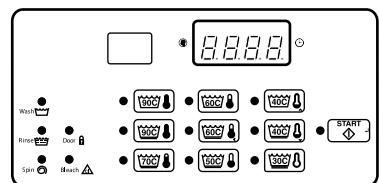
Galaxy 600 Coin (International)



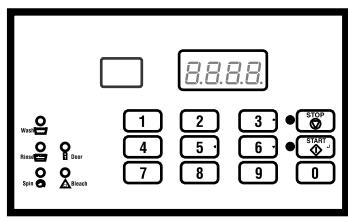
M9/Galaxy 400 OPL/Quantum Silver OPL



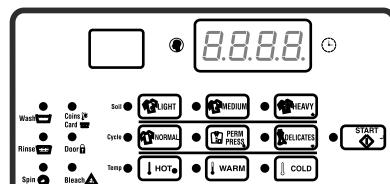
Quantum Silver Coin (Domestic)



Quantum Silver Coin (International)



M30/Quantum Gold OPL



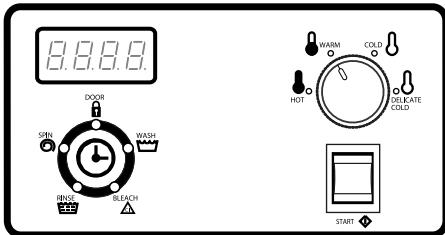
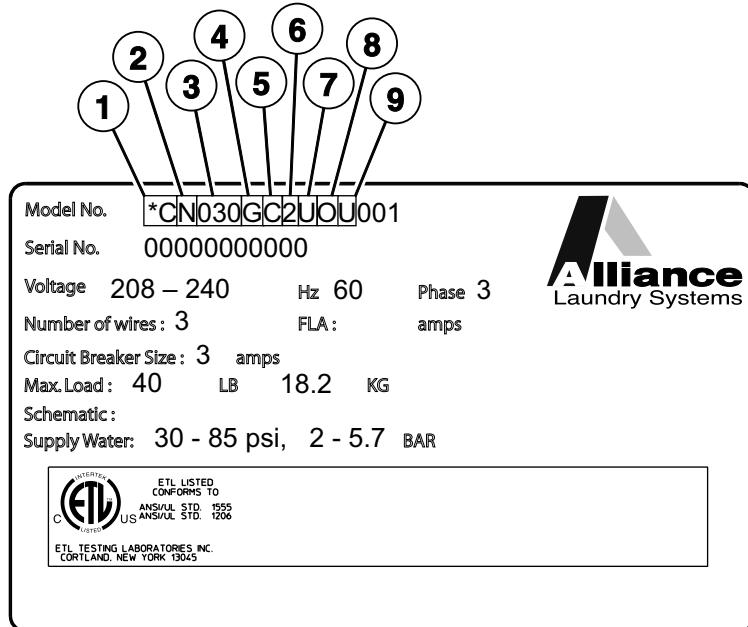
Quantum Gold

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# 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	D (Daiwa) L (International ETL9c)) N (Domestic ETL(c)) U (International CE) Z (No Agency International)
3	-	Capacity (Pounds)	020 030 040 060 080 100 125
4	-	Control	G H J K L 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 - M4, Galaxy 200 and Quantum Standard



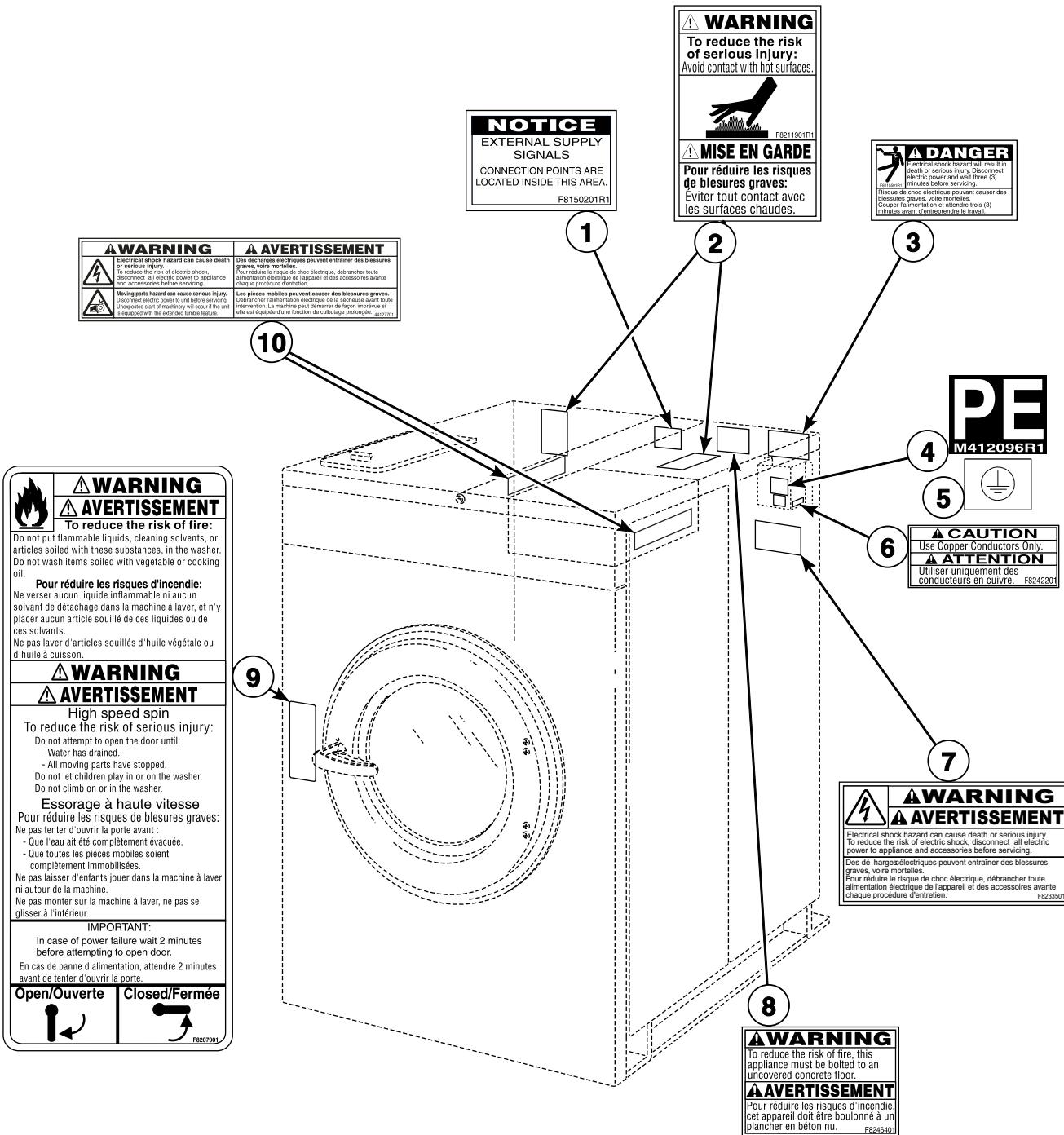
M4/Galaxy 200/Quantum Standard

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# Product Overview - M4, Galaxy 200 and Quantum Standard

REF	PART NO.	DESCRIPTION	COMMENTS
1	-	Product Family	HC NC SC UC
2	-	Market	D (Daiwa) L (International ETL9c)) N (Domestic ETL(c)) U (International CE) Z (No Agency International)
3	-	Capacity (Pounds)	020 030 040 060 080 100 125
4	-	Control	G H J K L 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

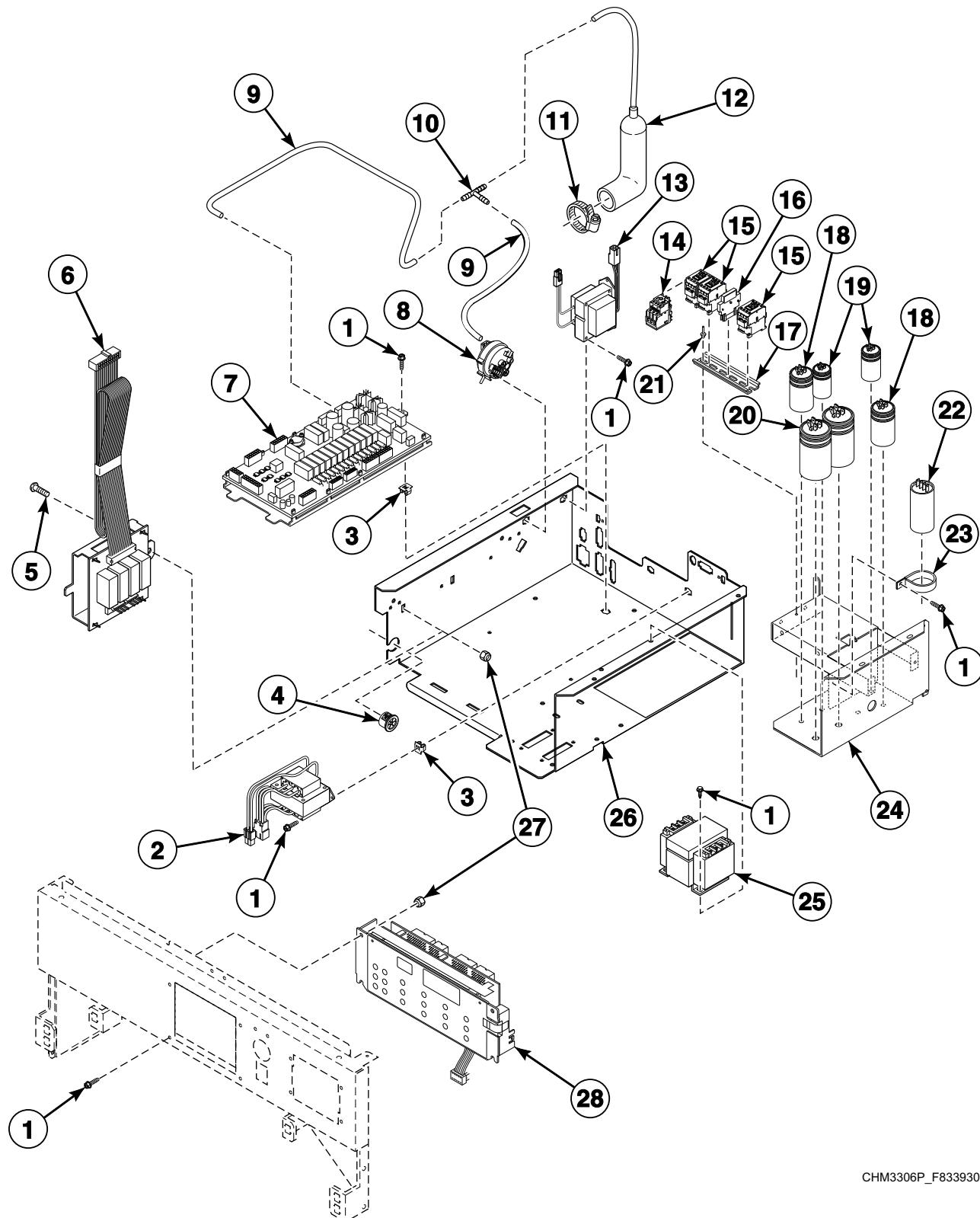


CHM3027P\_F8339301

## 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

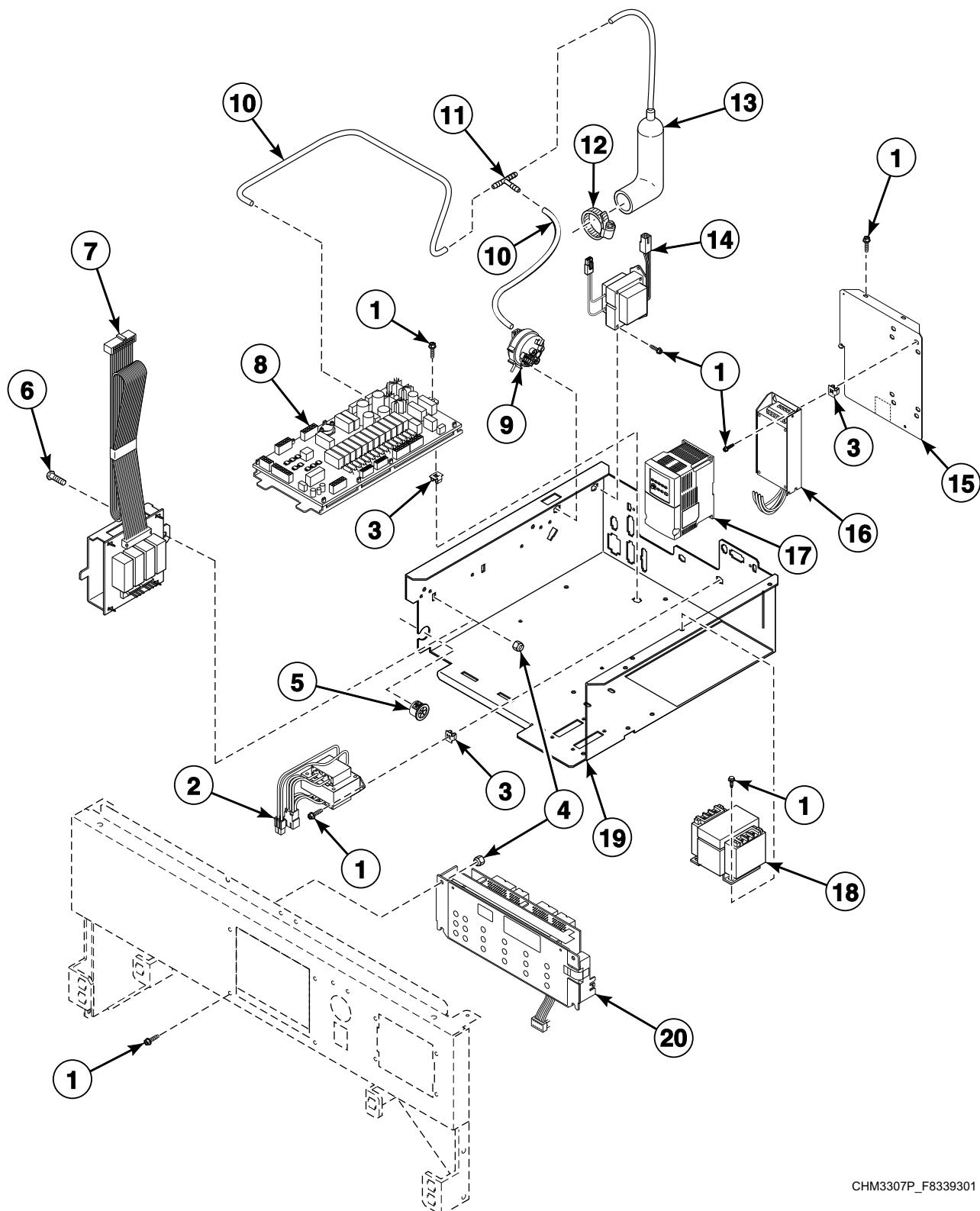


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## Control Module - 2 Speed OPL Models

REF	PART NO.	DESCRIPTION	COMMENTS
	F8028701	Output/Logic Harness	
	F8167901	USB IR Device Assembly	
	F8191201P	External Supply Harness	
	F937P3	External Supply Kit	Includes items 1, 6, 13, F8191201P External Supply Harness and screws
	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
	F8261501P	Control Tray Harness	
	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	F8189401P	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	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	F370220	Capacitor	130 MFD; 20 pound models B-voltage, 2 used; 30 pound models Y-voltage, 1 used
	F370218P	Capacitor	160 MFD; 40 pound models; Y-voltage, 2 used
21	70058501	Pop Rivet	
22	F340002	Motor Switch	50 Amp
23	F0340722-00	Switch Clamp	
24	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
25	F360157P	Transformer	B-voltage
26	F8205901	Control Tray Assembly	
27	F430232	Nut	
28	F999P3	Control Kit	Includes F8028701 Output/Logic Harness

## Control Module - F-Speed Design 1 OPL Models

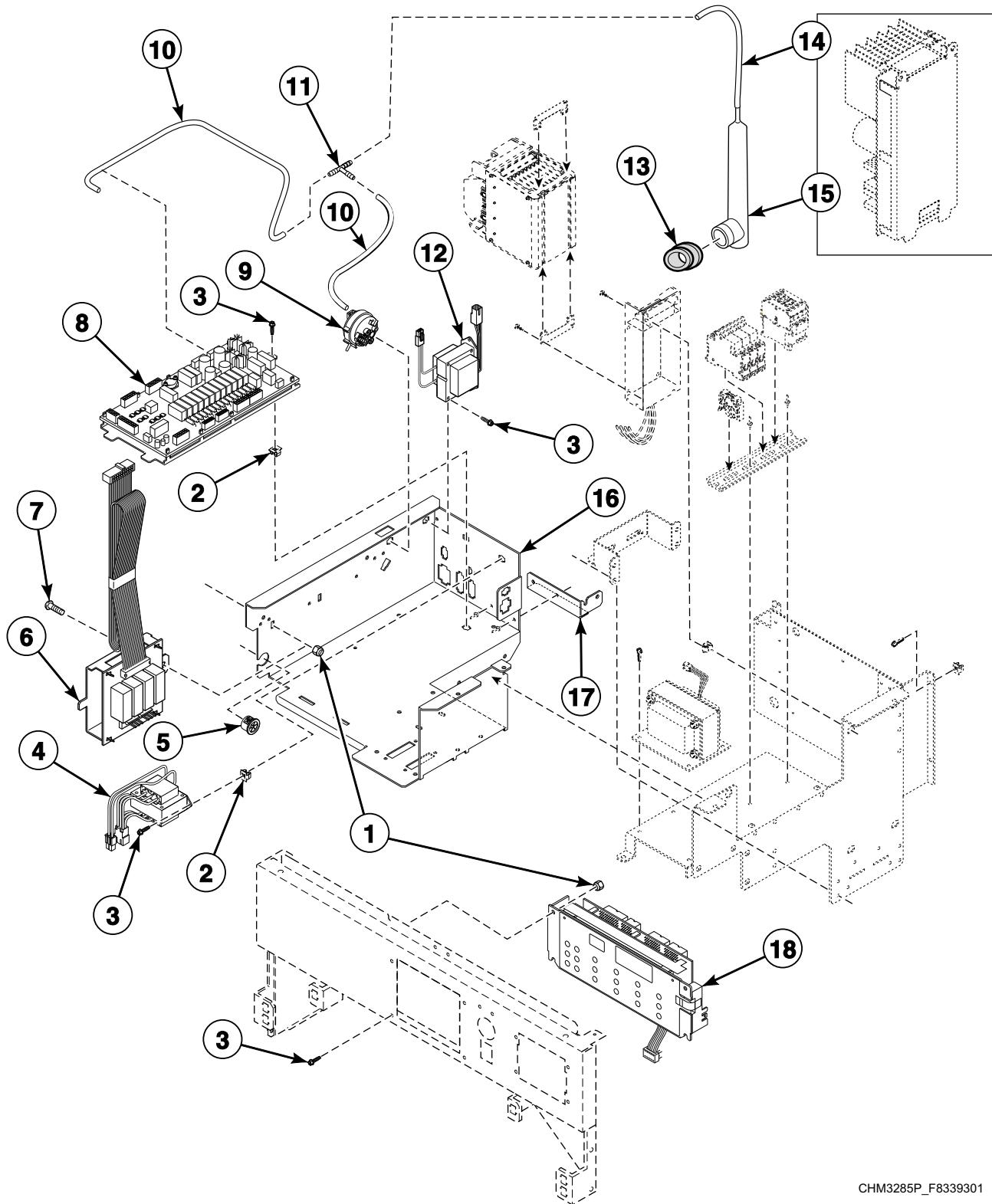


CHM3307P\_F8339301

## Control Module - F-Speed Design 1 OPL Models

REF	PART NO.	DESCRIPTION	COMMENTS
	F8028701	Output/Logic Harness	
	F8060501	Emergency Stop Harness	
	F8167901	USB IR Device Assembly	
	F8191201P	External Supply Harness	
	F937P3	External Supply Kit	Includes items 1, 6, 13, F8191201P External Supply Harness and screws
	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
	F8261501P	Control Tray Harness	
	M413506	Jumper Harness Assembly	208 Volt
	M413507	Jumper Configuration Assembly	240 Volt
1	F8206901	Screw	
2	803527P	Transformer	
3	70030501	Expansion Clip	
4	F430232	Nut	
5	44071501	Snap Bushing	
6	F430903	Screw	
7	F8189401P	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 only
	F8053902	EMI Filter	480 Volt; International models only
17	F8169407	PowerFlex 40 Drive	Models through 3/8/10; Q and X-voltage; Models with an Elmo motor
	F8169408	PowerFlex 40 Drive	Models through 3/8/10; N, P and R-voltage; Models with an Elmo motor
	F8169440	PowerFlex 40 Drive	Models starting 3/9/10; Q and X-voltage; Models with a Hanning motor
	F8169441	PowerFlex 40 Drive	Models starting 3/9/10; N, P and R-voltage; Models with a Hanning motor
18	F360157P	Transformer	B-voltage
19	F8205903	Control Tray Assembly	
20	F999P3	Control Kit	Includes F8028701 Output/Logic Harness

## Control Module - Design 2 and 3 OPL Models (Drawing 1 of 2)

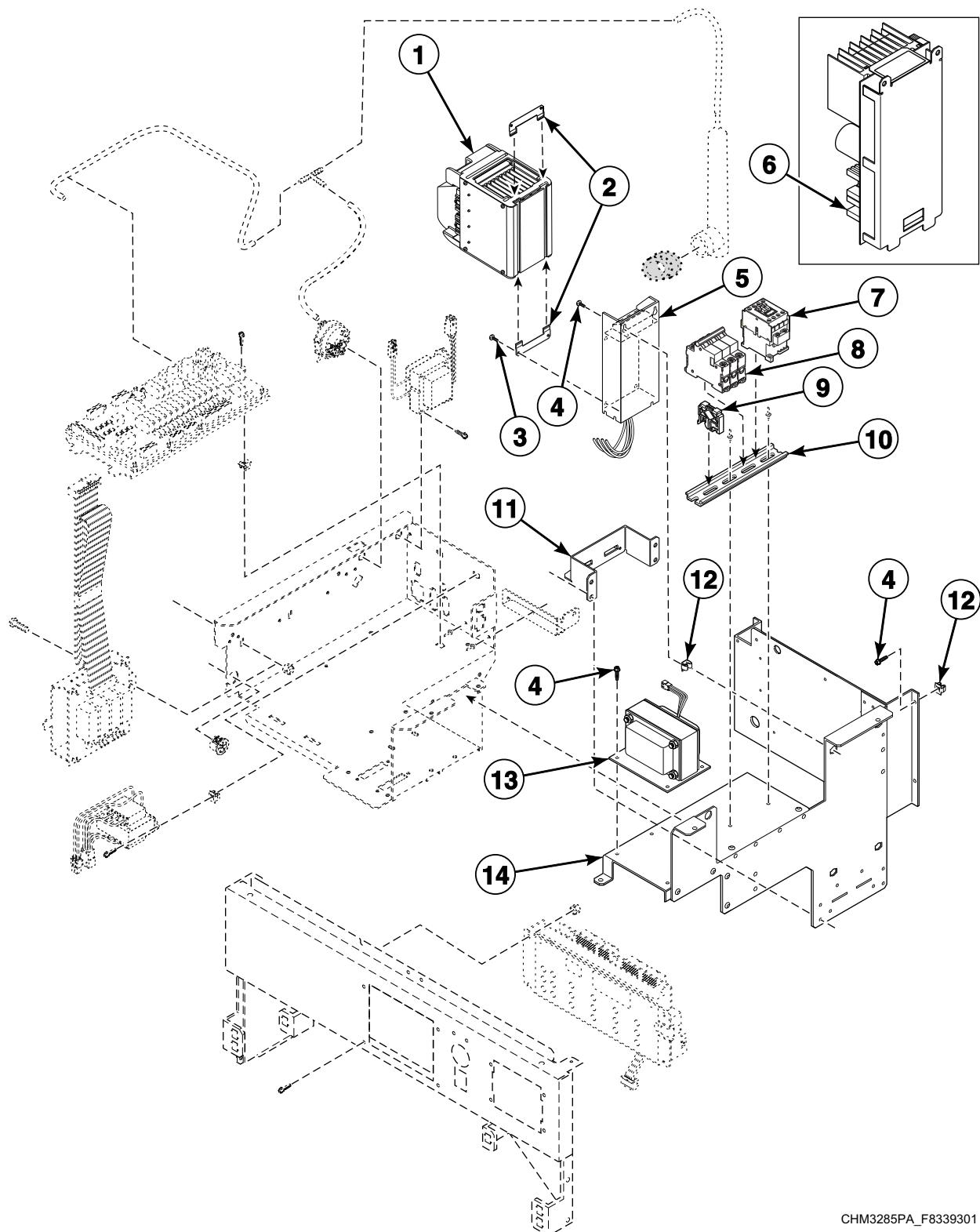


CHM3285P\_F8339301

## Control Module - Design 2 and 3 OPL Models (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	F8028701	Output/Logic Harness	
	F8060501	Emergency Stop Harness	
	F8167901	USB IR Device Assembly	
	F8191201P	External Supply Harness	
	F937P3	External Supply Kit	Includes items 3, 7, F020014200 Air Trap Hose, F8191201P External Supply Harness and screws
	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
	F8261501P	Control Tray Harness	
	M413506	Jumper Harness Assembly	208 Volt
	M413507	Jumper Configuration Assembly	240 Volt
1	F430232	Nut	
2	70030501	Expansion Clip	
3	F8206901	Screw	
4	803527P	Transformer	
5	44071501	Snap Bushing	
6	F8189401P	Auxiliary Control Assembly	
7	F430903	Screw	
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
12	201616P	Transformer	External supply
13	F8433001	Grommet	
14	F8405301	Hose	
15	30907	Pressure Bulb	
16	F8359601	Control Tray Assembly	20 and 30 pound models
	F8359603	Control Tray Assembly	40 and 60 pound models
17	F8375201	Tray Support Bracket	
18	F117P3	Front End Control Kit	Includes F8028701 Output/Logic Harness

## Control Module - Design 2 and 3 OPL Models (Drawing 2 of 2)

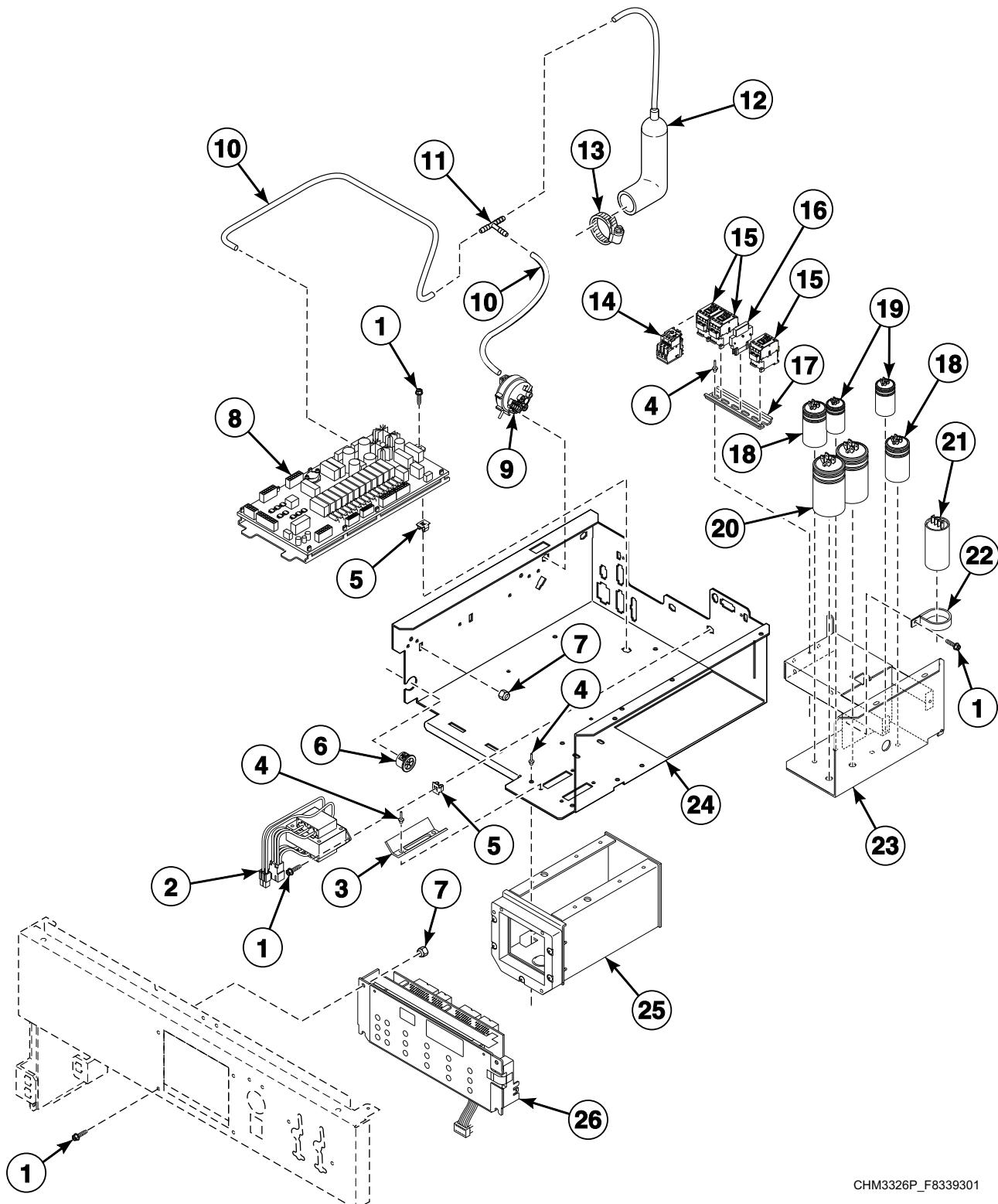


CHM3285PA\_F8339301

## Control Module - Design 2 and 3 OPL Models (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8303601P	Drive Assembly	N and P-voltage; 5 hp
	F8204701P	Drive Assembly	60 pound models; Q and X-voltage; 3 hp
2	F8322401	Drive Mounting Bracket	Use with item 1
3	503688	Screw	
4	F8206901	Screw	
5	F8053901P	EMI Filter	240 Volt; International models only
	F8053902	EMI Filter	480 Volt; International models only
6	F8327301P	Drive Assembly	20, 30 and 40 pound models; B, Q and X-voltage; 2 hp
7	F330177P	Contactor	
8	F8449801	End Stop	
9	70256901P	Circuit Breaker	Electric heat
10	F8385301	DIN Rail	
11	F8310101	Lower Drive Mounting Bracket	Use with item 6
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

## Control Module - 2 Speed Coin Models



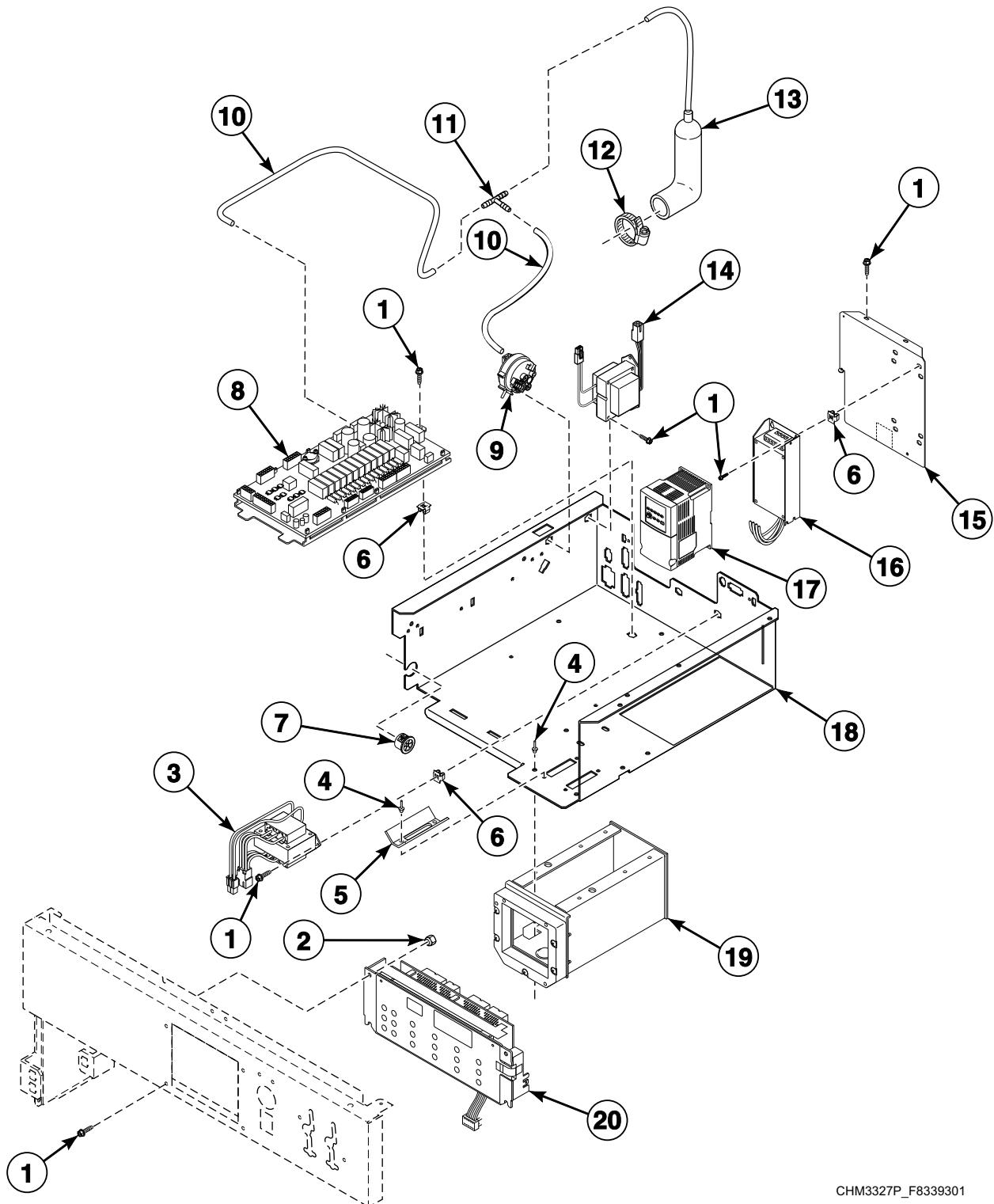
CHM3326P\_F8339301

## Control Module - 2 Speed Coin Models

REF	PART NO.	DESCRIPTION	COMMENTS
	F8028701	Output/Logic Harness	
	F8167901	USB IR Device Assembly	
	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
	F8261501P	Control Tray Harness	
	M413506	Jumper Harness Assembly	208 Volt
	M413507	Jumper Configuration Assembly	240 Volt
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	F370220	Capacitor	130 MFD; 20 pound models B-voltage, 2 used; 30 pound models Y-voltage, 1 used
	F370218P	Capacitor	160 MFD; 40 pound models; Y-voltage, 2 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	F8182501	Coin Vault Assembly	20 and 30 pound models
	F8182601	Coin Vault Assembly	40 and 60 pound models
26	F999P3	Control Kit	

# Control Module - F-Speed Coin Models

Models HCN060GCF, SCL030GCF, SCL040GCF, SCN060GCF and SCN060GDF

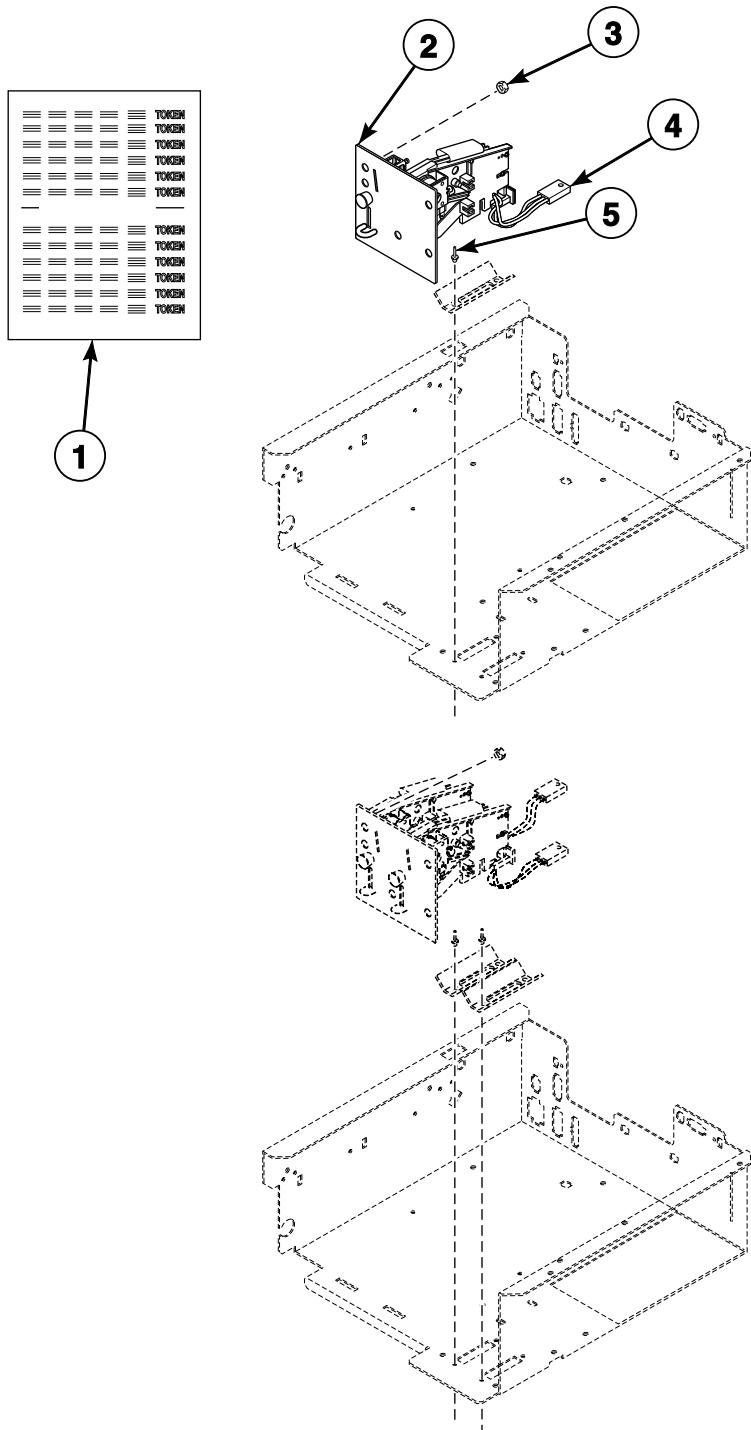


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## Control Module - F-Speed Coin Models

REF	PART NO.	DESCRIPTION	COMMENTS
	F8028701	Output/Logic Harness	
	F8167901	USB IR Device Assembly	
	F8028105P	Machine Size Configuration Harness	
	F8261501P	Control Tray Harness	
	M413506	Jumper Harness Assembly	208 Volt
	M413507	Jumper Configuration Assembly	240 Volt
	F8191201P	External Supply Harness	
	F937P3	External Supply Kit	Includes item 1, F430903 Screw, F020014200 Air Trap Hose, F8191201P External Supply Harness and screws
1	F8206901	Screw	
2	F430232	Nut	
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	201616P	Transformer	External supply
15	F8195803	Support Bracket	
16	F8053901P	EMI Filter	240 Volt; International models only
	F8053902	EMI Filter	480 Volt; International models only
17	F8169407	PowerFlex 40 Drive	Models through 3/8/10; Q and X-voltage; Models with an Elmo motor
	F8169408	PowerFlex 40 Drive	Models through 3/8/10; N, P and R-voltage; Models with an Elmo motor
	F8169440	PowerFlex 40 Drive	Models starting 3/9/10; Q and X-voltage; Models with a Hanning motor
	F8169441	PowerFlex 40 Drive	Models starting 3/9/10; N, P and R-voltage; Models with a Hanning motor
18	F8205903	Control Tray Assembly	Includes items 5 and 20
19	F8182601	Coin Vault Assembly	
20	F999P3	Control Kit	Includes F8028701 Output/Logic Harness

## Flush Mount Coin Meter Assembly - Single Drop



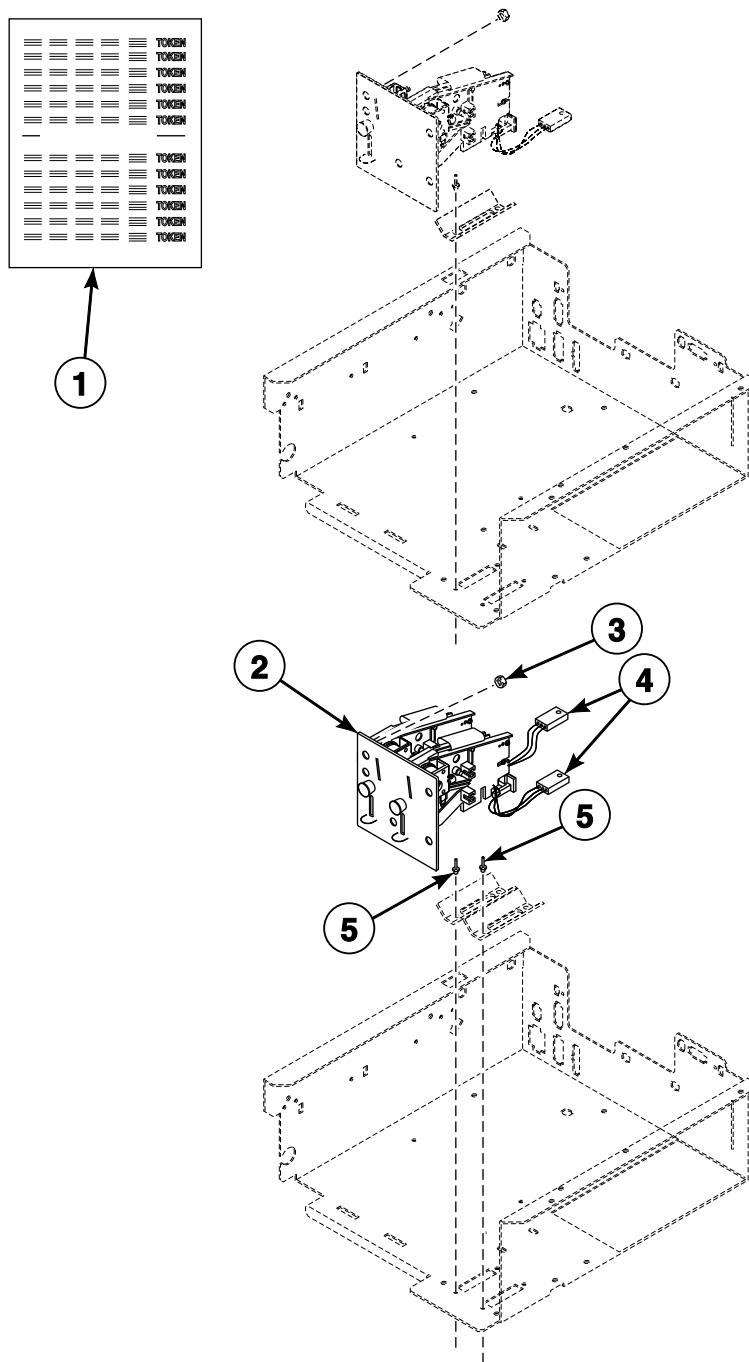
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## Flush Mount Coin Meter Assembly - Single Drop

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



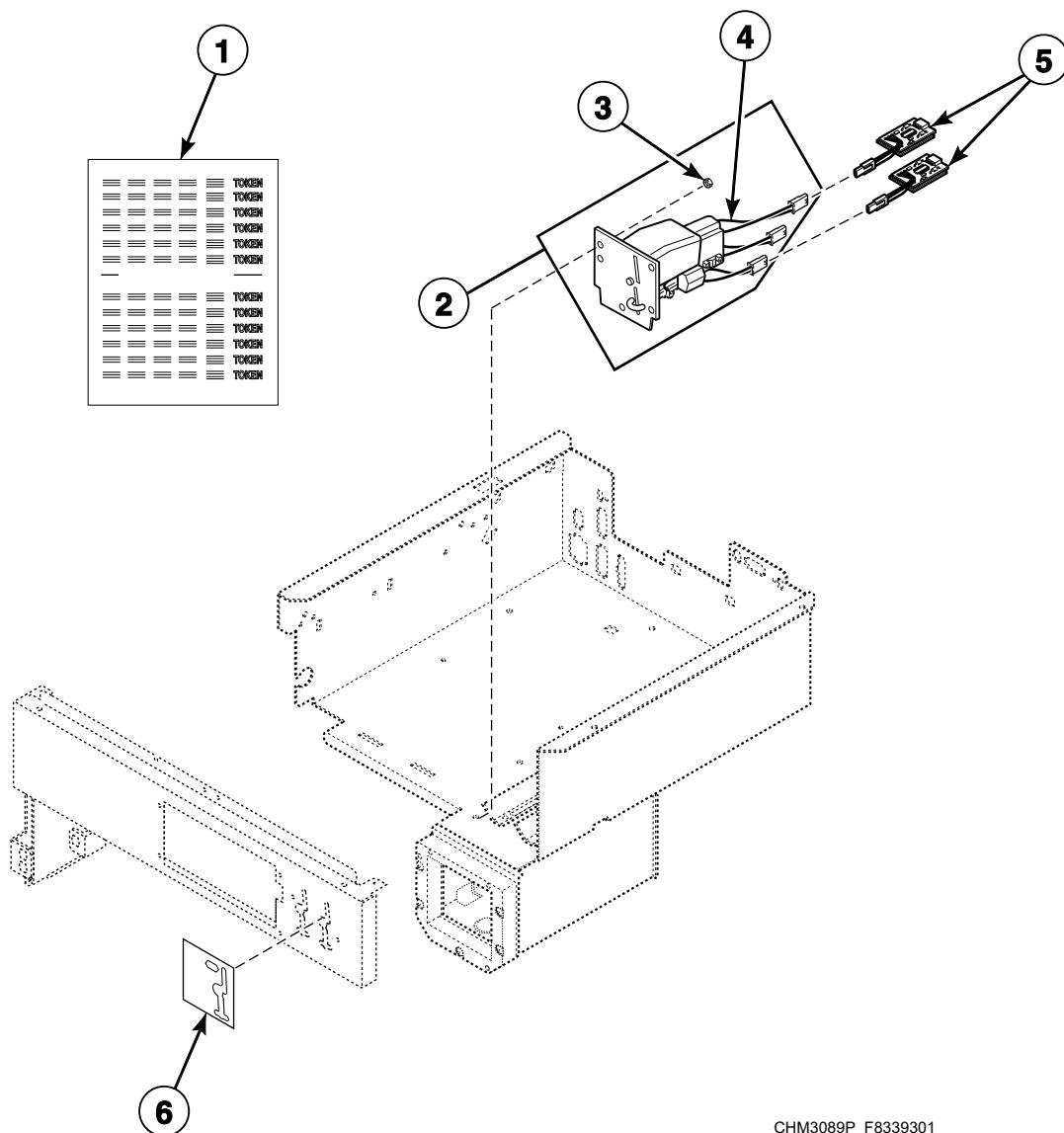
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## Flush Mount Coin Meter Assembly - Dual Drop

REF	PART NO.	DESCRIPTION	COMMENTS
	F200010001	Coin Meter Assembly	Australia .20 and 1; Includes items 2 and 3
	F200010002	Coin Meter Assembly	100 and 500 yen; Includes items 2 and 3
	F200010003	Coin Meter Assembly	Canada 1.00 and .25; Includes items 2 and 3
	F200010004	Coin Meter Assembly	New Zealand .20 and 1; Includes items 2 and 3
	F200010005	Coin Meter Assembly	U.S. \$1 and \$.25; 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
	N/A	Coin Drop Assembly	Japan 100 and 500 yen
	N/A	Coin Drop Assembly	Canada 1.00 and .25
	N/A	Coin Drop Assembly	New Zealand .20 and 1
	70256402P	Coin Drop	U.S. \$1 and \$.25
	F0160737-00	Coin Meter	.50 and 2.00 euro
	70281102	Coin Drop Assembly	10 and 50 Taiwan 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

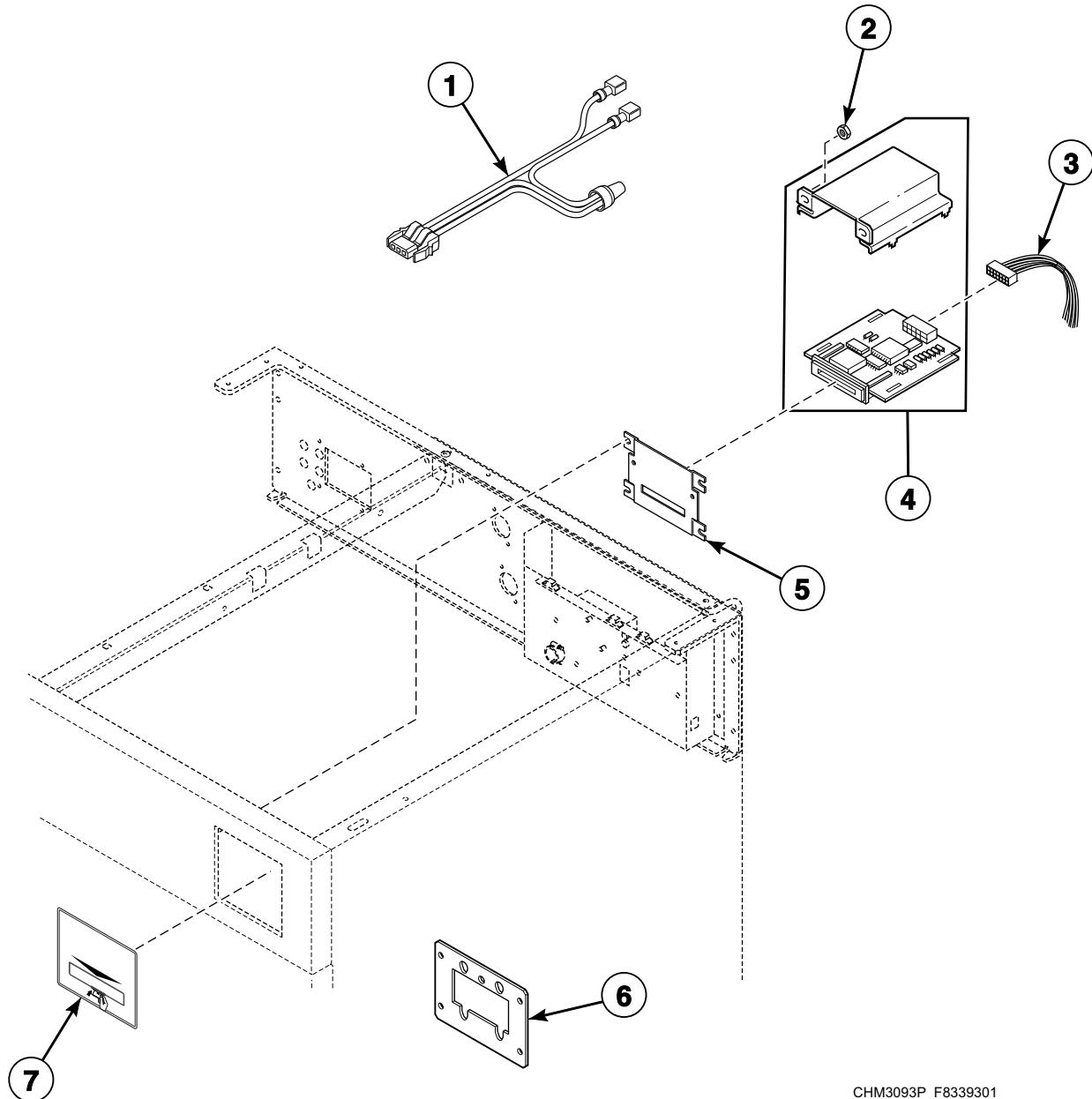


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# Electronic Coin Meter Assembly

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	70294101P	Electronic Coin Drop Assembly	U.S., Canada, Japan and Taiwan
	CK095	Electronic Coin Drop Kit	U.S., Canada, 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	70295101	Overlay	Black
	70295301	Overlay	Gray

## Card Reader - GY Models

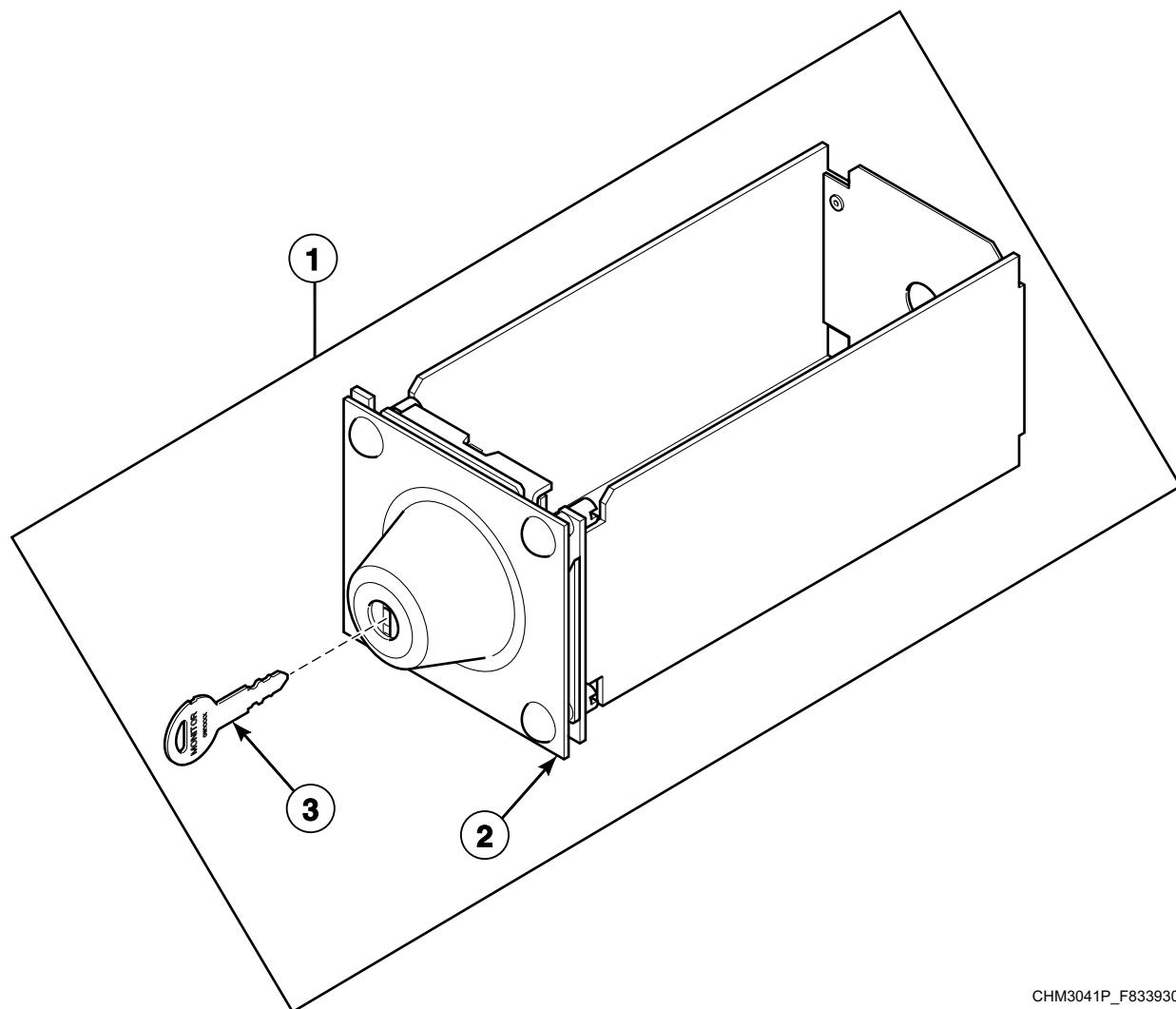


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## Card Reader - GY Models

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	70334201	Card Reader Overlay	SC models
	70334301	Card Reader Overlay	HC models

## Optional Coin Box

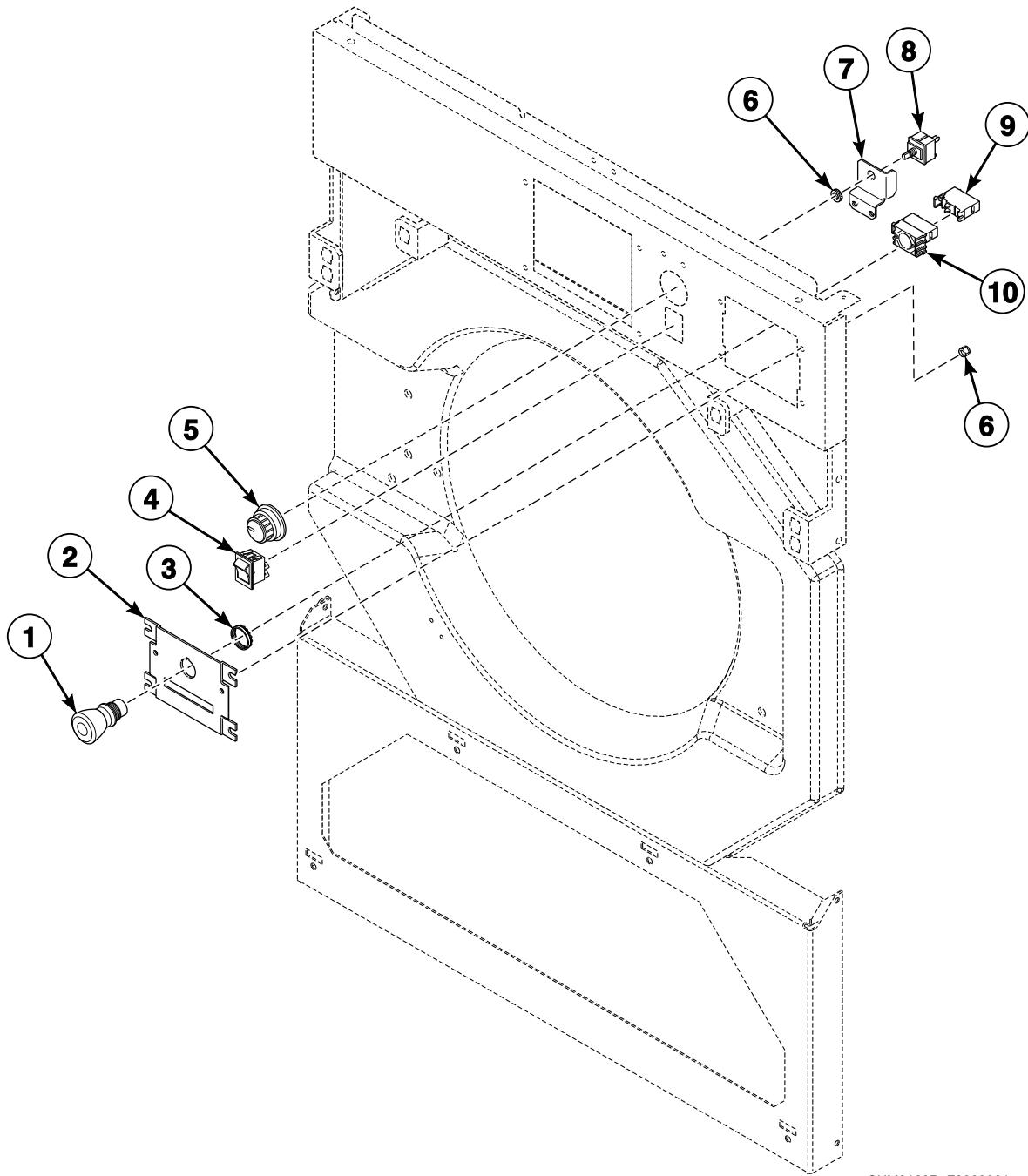


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## Optional Coin Box

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

## Rocker Switch, Temperature Knob and Emergency Stop Button - GN Models

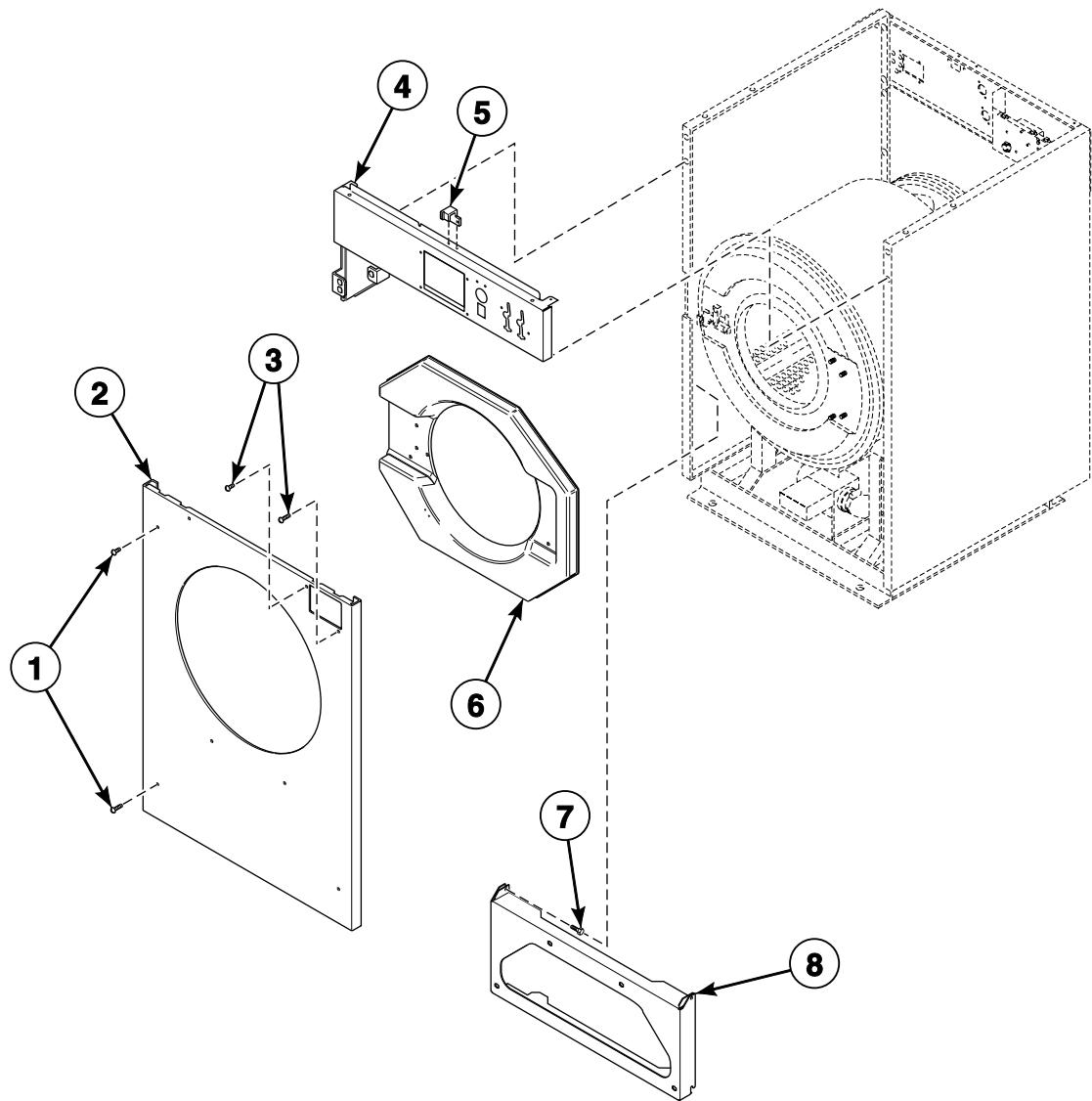


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## **Rocker Switch, Temperature Knob and Emergency Stop Button - GN Models**

REF	PART NO.	DESCRIPTION	COMMENTS
1	F200233500	Emergency Stop Pushbutton	
2	F8201301	Emergency Stop Plate	
3	24205	Nut	
4	70455101	Rocker Switch	
5	44104601	Temperature Knob	
6	F431017	Nut	
7	70391701	Temperature Selector Switch Bracket	
8	511711	Temperature Selector Switch	
9	F8069501	Contact Switch	
10	F200233401	Contact Block Switch	

## Front Panels and Control Panel - Coin Models

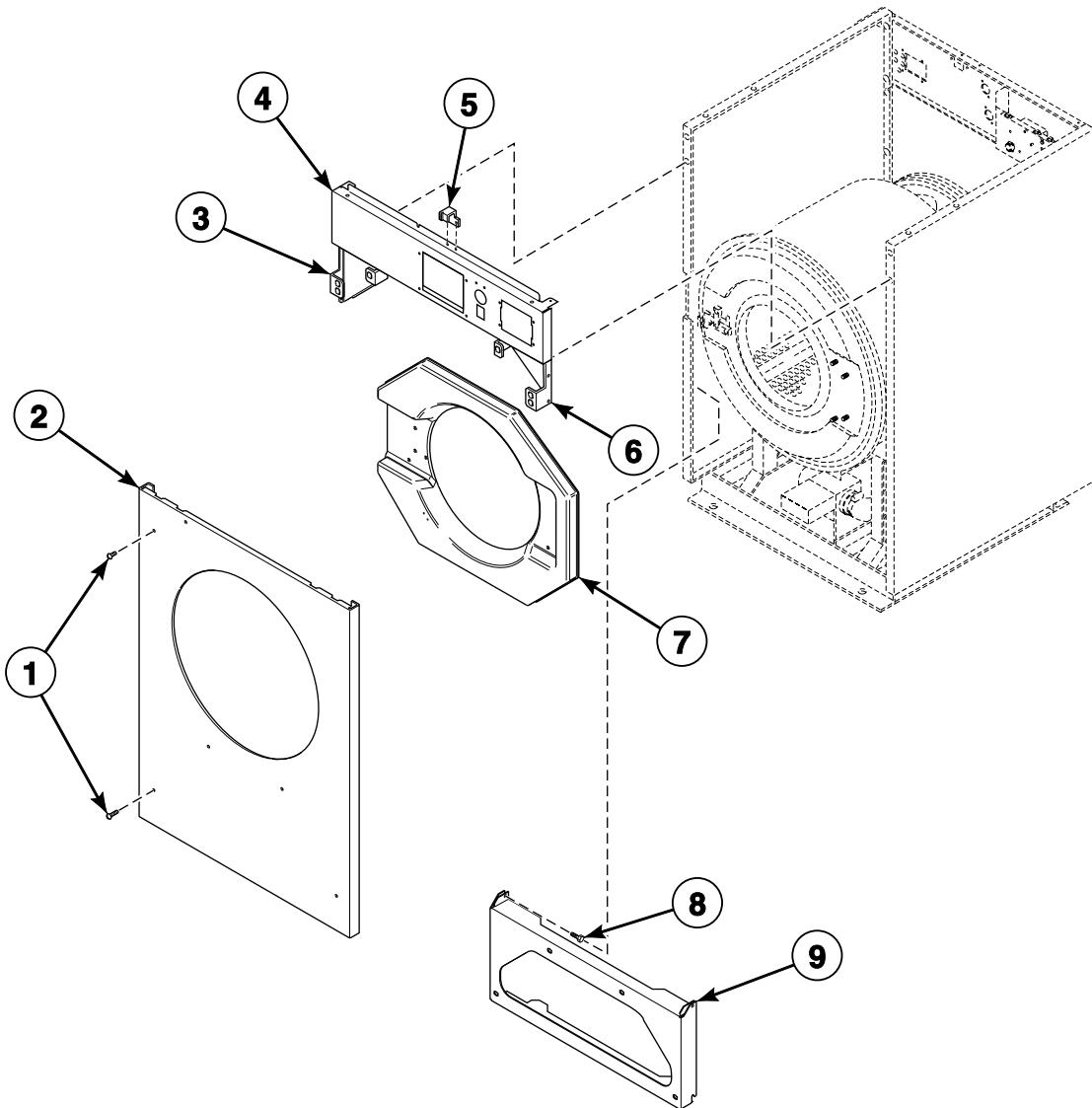


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## Front Panels and Control Panel - Coin Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8117601	Screw	
2	F8171301	Front Panel	Stainless steel; 20 pound models
	F8173001	Front Panel	Stainless steel; 30 pound models
	F8173101P	Front Panel	Stainless steel; 40 pound models
	F8173201P	Front Panel	Stainless steel; 60 pound models
3	801019	Screw	
4	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
5	F8201001	Top Cover Latch	
6	F170416-1	Door Bezel	Black; 20 pound SC models
	F170416-2	Door Bezel	Pantone 403; 20 pound HC models; Models through 1/10/10
	F170416-3	Door Bezel	Gray; 20 pound HC models; Models starting 1/11/10
	F170417-1	Door Bezel	Black; 30 pound SC models
	F170417-2	Door Bezel	Pantone 403; 30 pound HC models; Models through 1/10/10
	F170417-3	Door Bezel	Gray; 30 pound HC models; Models starting 1/11/10
	F0170426-00	Door Bezel	Black; 40 and 60 pound SC models
	F0170426-10	Door Bezel	Pantone 403; 40 and 60 pound HC models; Models through 1/10/10
	F0170426-30	Door Bezel	Gray; 40 and 60 pound HC models; Models starting 1/11/10
7	F430174	Screw	
8	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 - GN and GY Models

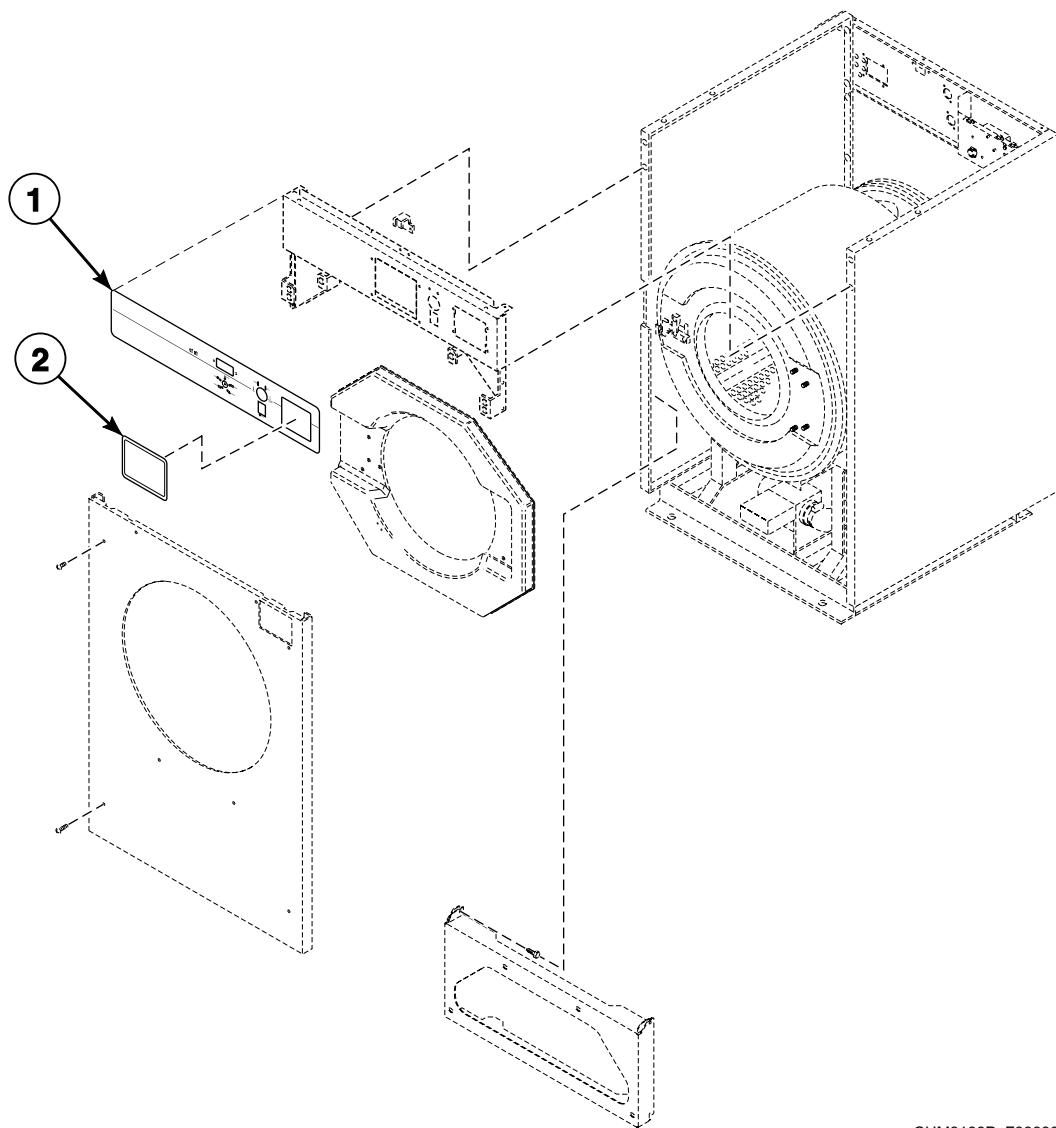


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## Front Panel and Control Panel - GN and GY Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8117601	Screw	
2	F8171302P	Front Panel	Stainless steel; 20 pound models
	F8173002P	Front Panel	Stainless steel; 30 pound models
	F8173102P	Front Panel	Stainless steel; 40 pound models
	F8173202P	Front Panel	Stainless steel; 60 pound models
3	F8186702	Gusset Plate	
4	F8038504	Control Panel Assembly	20 pound models
	F8038604	Control Panel Assembly	30 pound models
	F8038703	Control Panel Assembly	40 pound models
	F8038804	Control Panel Assembly	60 pound models
5	F8201001	Top Cover Latch	
6	F8186701	Gusset Plate	
7	F170416-1	Door Bezel	Black; 20 pound SC and UC models
	F170416-2	Door Bezel	Pantone 403; 20 pound HC models; Models through 1/10/10
	F170416-3	Door Bezel	Gray; 20 pound HC models; Models starting 1/11/10
	F170417-1	Door Bezel	Black; 30 pound SC and UC models
	F170417-2	Door Bezel	Pantone 403; 30 pound HC models; Models through 1/10/10
	F170417-3	Door Bezel	Gray; 30 pound HC models; Models starting 1/11/10
	F0170426-00	Door Bezel	Black; 40 and 60 pound SC and UC models
	F0170426-10	Door Bezel	Pantone 403; 40 and 60 pound HC models; Models through 1/10/10
	F0170426-30	Door Bezel	Gray; 40 and 60 pound HC models; Models starting 1/11/10
8	F430174	Screw	
9	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

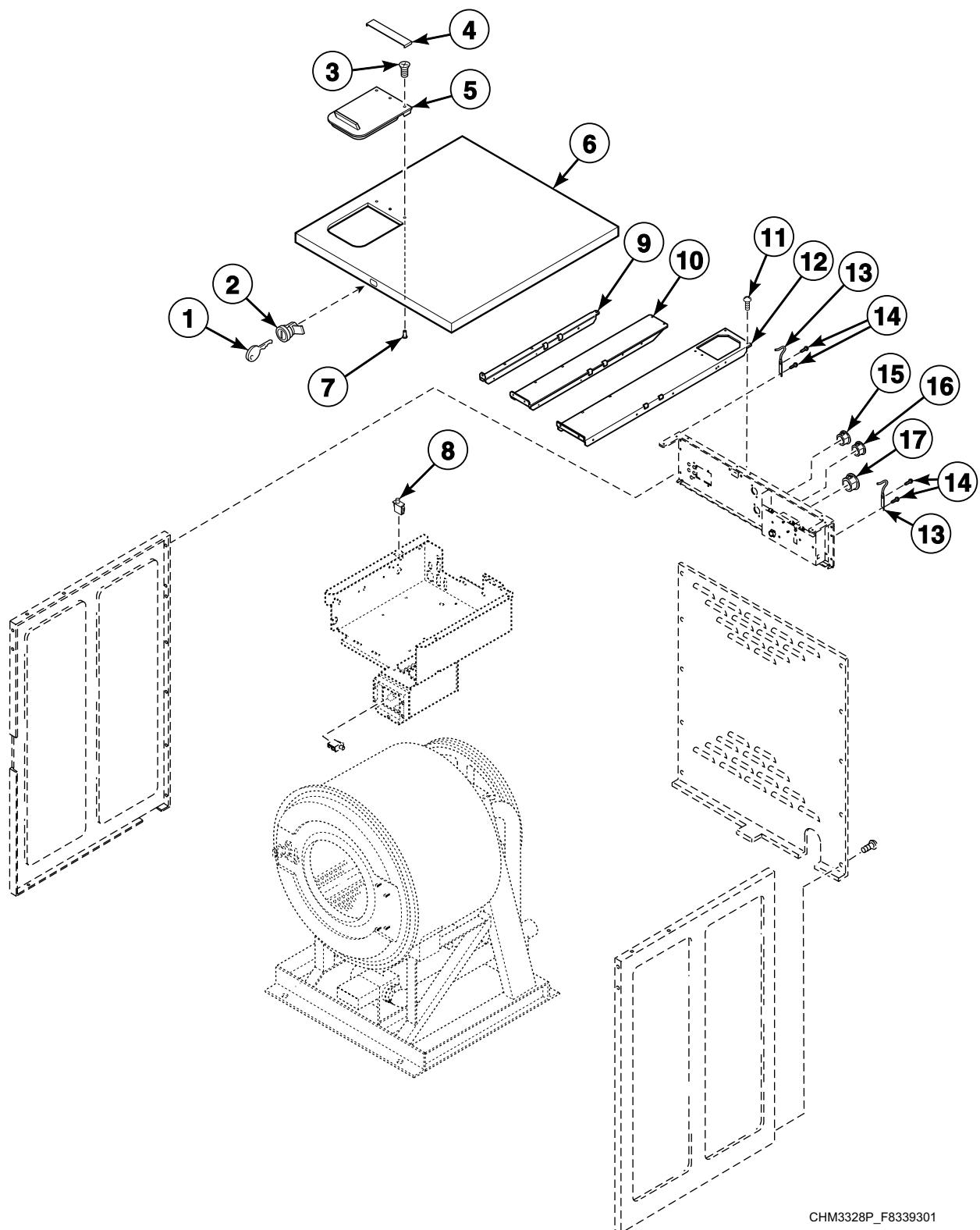


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# Control Panel Overlays

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8293001	Overlay	Single coin drop; 20 pound SC models with GC, GD, GE, GL, GX and GY in the 7th and 8th position in the model number
	F8293002	Overlay	Dual coin drop; 20 pound SC models with GC, GD, GE, GL, GX and GY in the 7th and 8th position in the model number
	F8293101	Overlay	Single coin drop; 30 pound SC models with GC, GD, GE, GL, GX and GY in the 7th and 8th position in the model number
	F8293102	Overlay	Dual coin drop; 30 pound SC models with GC, GD, GE, GL, GX and GY in the 7th and 8th position in the model number
	F8293201	Overlay	Single coin drop; 40 pound SC models with GC, GD, GE, GL, GX and GY in the 7th and 8th position in the model number
	F8293202	Overlay	Dual coin drop; 40 pound SC models with GC, GD, GE, GL, GX and GY in the 7th and 8th position in the model number
	F8293301	Overlay	Single coin drop; 60 pound SC models with GC, GD, GE, GL, GX and GY in the 7th and 8th position in the model number
	F8293302	Overlay	Dual coin drop; 60 pound SC models with GC, GD, GE, GL, GX and GY in the 7th and 8th position in the model number
	F8218701	Overlay	Single coin drop; 20 pound HC models with GC, GD, GE, GL, GX and GY in the 7th and 8th position in the model number
	F8218702	Overlay	Dual coin drop; 20 pound HC models with GC, GD, GE, GL, GX and GY in the 7th and 8th position in the model number
	F8218801	Overlay	Single coin drop; 30 pound HC models with GC, GD, GE, GL, GX and GY in the 7th and 8th position in the model number
	F8218802	Overlay	Dual coin drop; 30 pound HC models with GC, GD, GE, GL, GX and GY in the 7th and 8th position in the model number
	F8218901	Overlay	Single coin drop; 40 pound HC models with GC, GD, GE, GL, GX and GY in the 7th and 8th position in the model number
	F8218902	Overlay	Dual coin drop; 40 pound HC models with GC, GD, GE, GL, GX and GY in the 7th and 8th position in the model number
	F8219001	Overlay	Single coin drop; 60 pound HC models with GC, GD, GE, GL, GX and GY in the 7th and 8th position in the model number
	F8219002	Overlay	Dual coin drop; 60 pound HC models with GC, GD, GE, GL, GX and GY in the 7th and 8th position in the model number
	F8293501	Overlay	20 pound SC models with GN in the 7th and 8th position in the model number
	F8293601	Overlay	30 pound SC models with GN in the 7th and 8th position in the model number
	F8293701	Overlay	40 pound SC models with GN in the 7th and 8th position in the model number
	F8293801	Overlay	60 pound SC models with GN in the 7th and 8th position in the model number
2	F8219201	Overlay	Models HCL020GN2, HCN020GN2, HCU020GN2 and HCZ020GN2
	F8219301	Overlay	Models HCL030GN2, HCN030GN2, HCU030GN2 and HCZ030GN2
	F8219401	Overlay	Models HCL040GN2, HCN040GN2 and HCU040GN2
	F8219501	Overlay	HCL060GN2, HCN060GN2 and HCU060GN2; HC Design 1 F-speed models
	F8443601	Overlay	HC Design 2 F-speed models
2	F8219701	Overlay	20 pound UC models with GN in the 7th and 8th position in the model number
	F8219801	Overlay	30 pound UC models with GN in the 7th and 8th position in the model number
	F8219901	Overlay	40 pound UC models with GN in the 7th and 8th position in the model number
	F8220001	Overlay	60 pound UC models with GN in the 7th and 8th position in the model number
	F8236801	Control Panel Overlay	Models VCU030GN2, VCU040GN2 and VCU060GN2
2	39564	Coin Drop Overlay	Models SCU020GL2, SCU030GL2, SCU040GL2 and SCU060GL2
	70275402	Cover Overlay	Models HCU020GL2, HCU030GL2, HCU040GL2 and HCU060GL2

## Panels (Drawing 1 of 2)

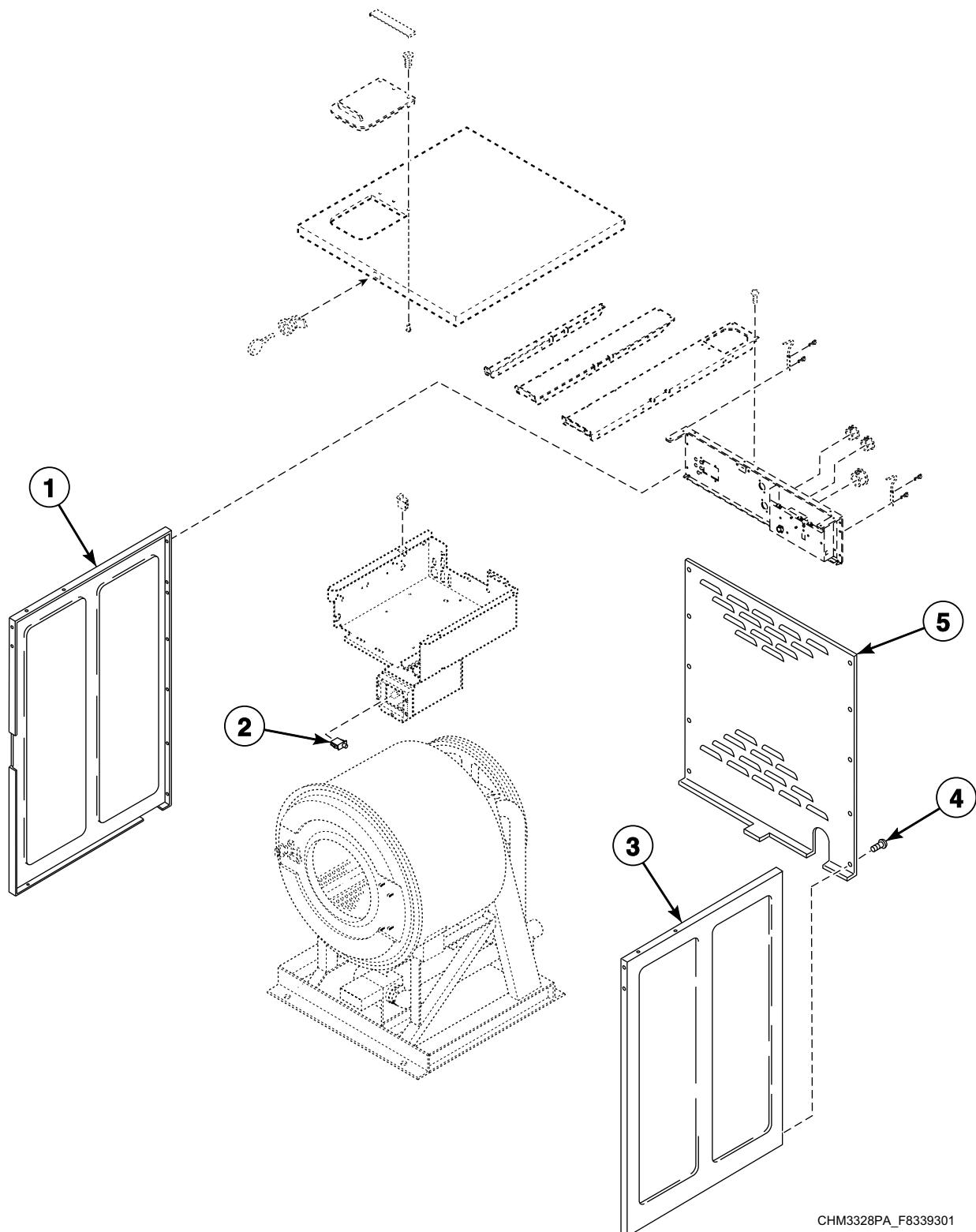


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## Panels (Drawing 1 of 2)

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	F8206901	Screw	
14	F8258601	Top Cover Hinge	
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)

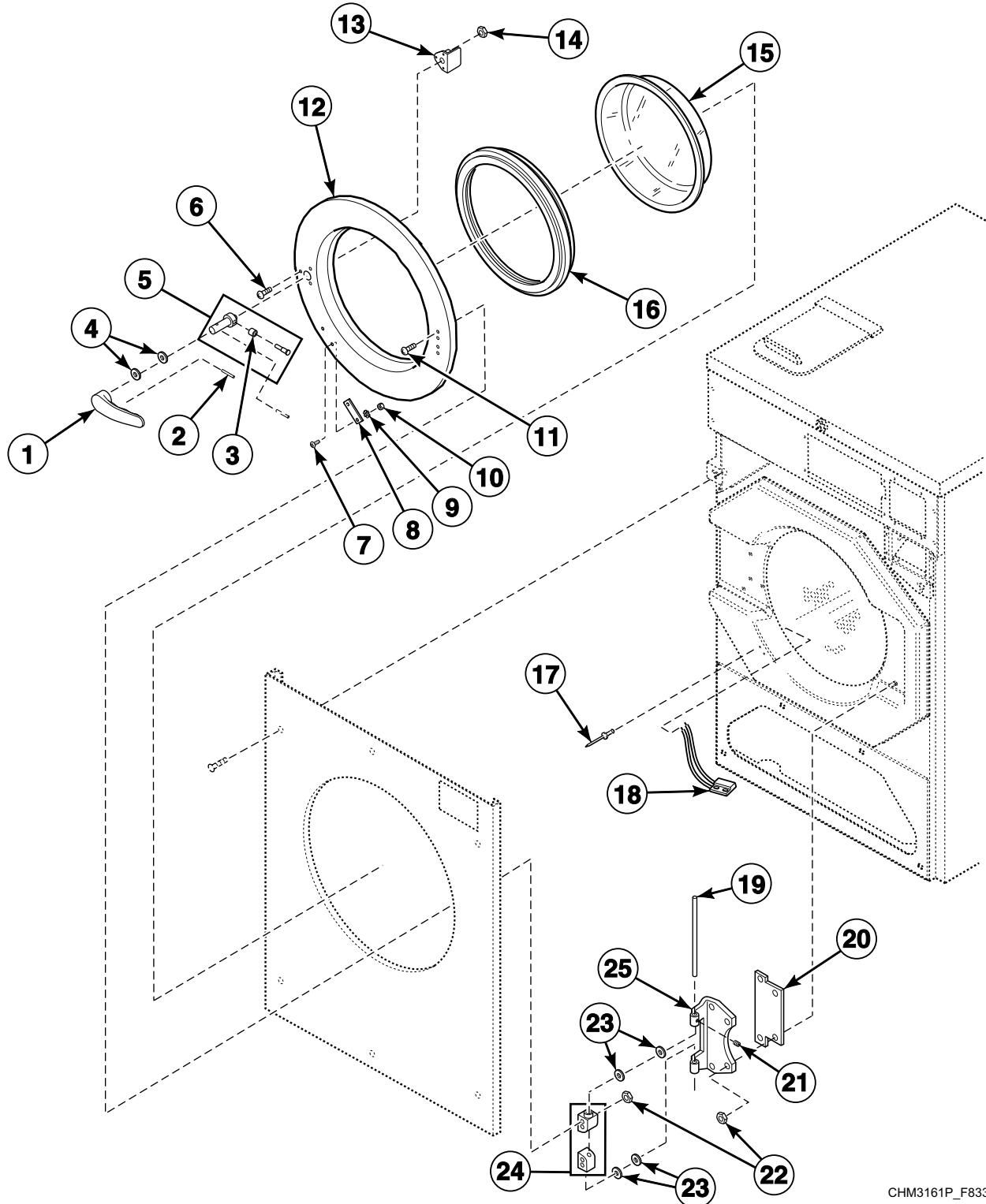


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## Panels (Drawing 2 of 2)

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; Vinyl
	F8399504	Left Side Panel	60 pound models; Design 2; Stainless steel
	F8492402	Left Side Panel	20 pound models; Design 3; Vinyl
2	F8492404	Left Side Panel	20 pound models; Design 3; Stainless steel
	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; Vinyl
	F8399503	Right Side Panel	60 pound models; Design 2; Stainless steel
	F8492401	Right Side Panel	20 pound models; Design 3; Vinyl
4	F8492403	Right Side Panel	20 pound models; Design 3; Stainless steel
	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

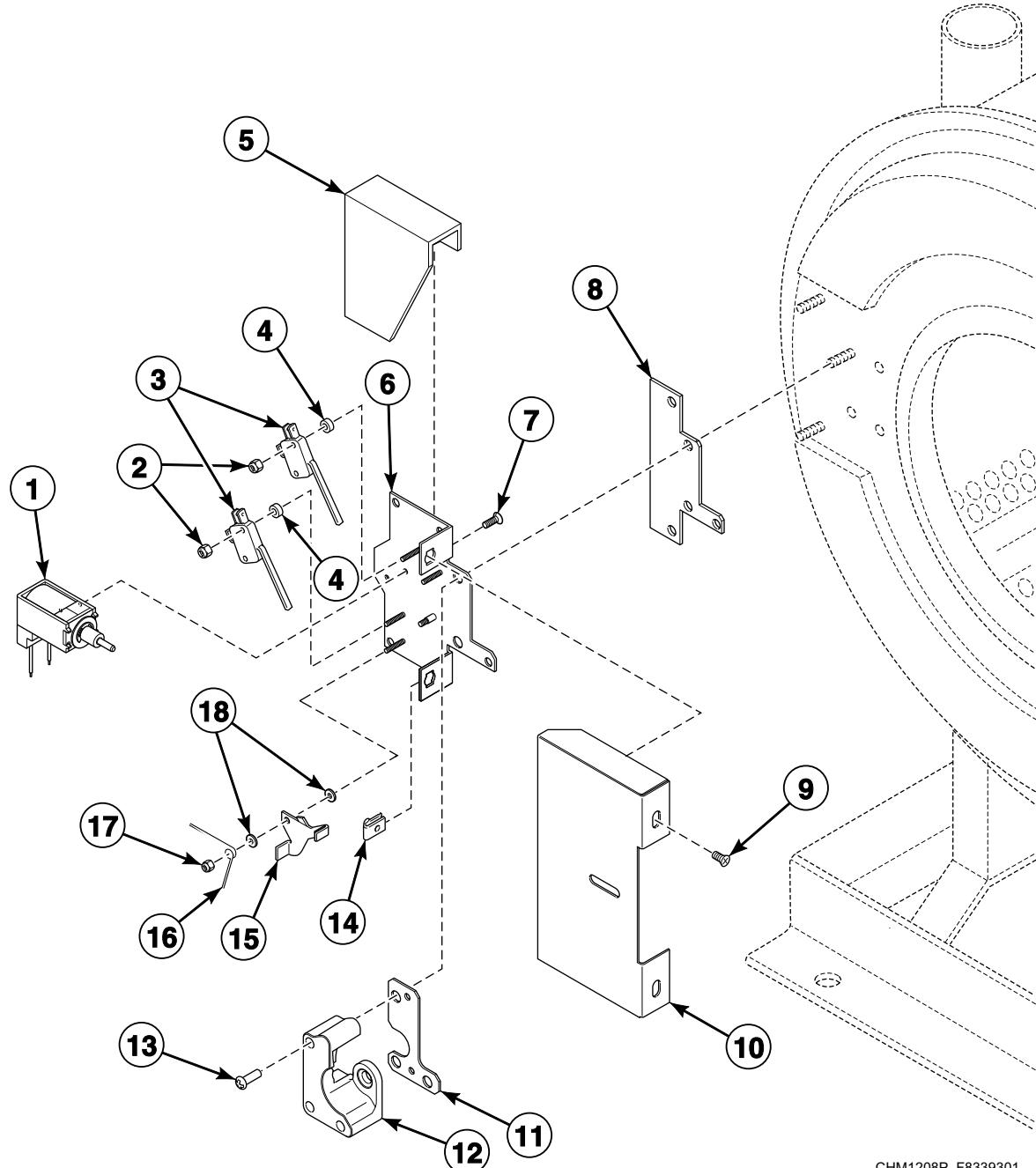


CHM3161P\_F8339301

# Door

REF	PART NO.	DESCRIPTION	COMMENTS
	F8187202	Door Assembly	20 pound SC and UC models; Includes items 1-15 and 18-24
	F8187203	Door Assembly	20 pound HC models; Includes items 1-15 and 18-24
	F8187302	Door Assembly	30 pound SC and UC models; Includes items 1-15 and 18-24
	F8187303	Door Assembly	30 pound HC models; Includes items 1-15 and 18-24
	F8187402	Door Assembly	40 and 60 pound SC and UC models; Includes items 1-15 and 18-24
	F8187403	Door Assembly	40 and 60 pound HC models; Includes items 1-15 and 18-24
1	F8199501	Door Handle	Gray; HCL, HCN, HCU and HCZ Models
	F8199401P	Door Handle	Black; All other models
2	F431222	Spring Pin	
3	F8221701	Bearing Sleeve	
4	F431916	Washer	
5	F8221401	Door Latch Arm Assembly	
6	F430976	Screw	
7	F430916	Screw	
8	F8390801	Magnet	
9	F431133	Washer	
10	F431022	Nut	
11	F430947	Screw	
	F8508101	Bolt	Chrome
12	F0602431-02	Door	20 pound models
	F0602837-02	Door	30 pound models
	F602842-2	Door	40 and 60 pound models
	F8507501	Door	20 pound models; Chrome
	F8507601	Door	30 pound models; Chrome
	F8507701	Door	40 and 60 pound models; Chrome
13	F8223701	Door Handle Spacer	
14	F430232	Nut	
15	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 SC and UC models; Models starting 1/11/10
16	F200000202	Door Gasket	20 pound models; Black
	F8111602	Door Gasket	30 pound models; Black
	F8111502	Door Gasket	40 and 60 pound models; Black
17	F8245101	Blind Rivet	
18	F8066802	Reed Switch Assembly	
19	F602813-2	Rod	20 and 30 pound models
	F602813-3	Rod	40 and 60 pound models
20	F200131000	Door Hinge Shim	
21	F430536	Screw	
22	F430215	Nut	
23	F431929	Washer	
24	F150271	Door Mount	
25	F190216P	Door Hinge	

## Door Lock

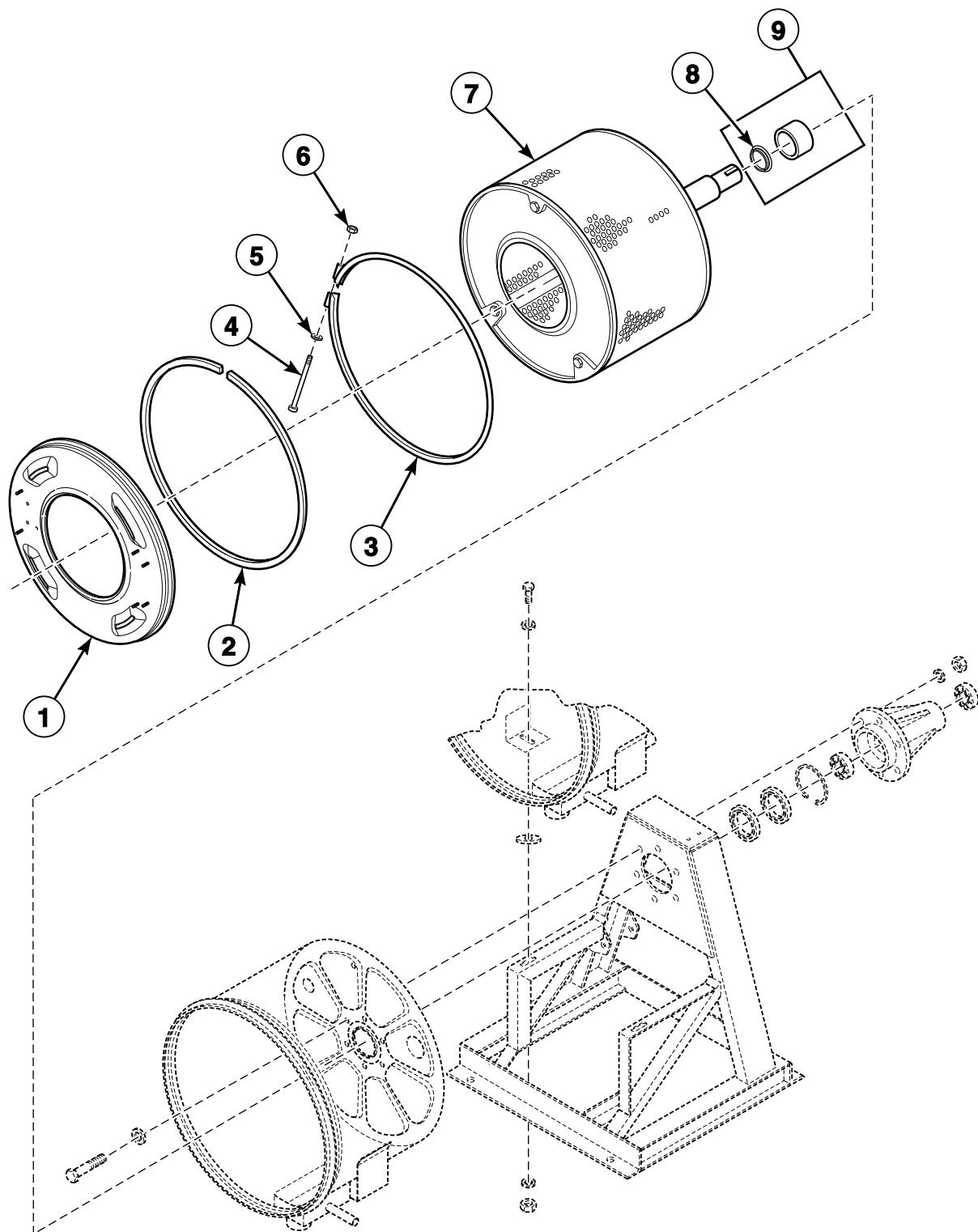


CHM1208P\_F8339301

## 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
	F977P3	Door Lock Solenoid Replacement Kit	Includes F8340101 Solenoid
1	F8340101	Solenoid	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
2	F430225	Nut	
3	F200203200	Door Lock Microswitch	
4	F320200	Door Lock Splash Shield	
5	F431901	Spacer	
6	F8223201	Door Lock Plate Assembly	Models through 10/31/10
7	F430977	Screw	
8	F8059701	Door Lock Plate Shim	Models through 9/25/09
	F8344401	Door Lock Plate Shim	Models starting 9/26/09
9	F430956	Screw	
10	F8245001	Door Lock Cover	
11	F8484401	Shim	
12	F8223601	Door Lock Catch	Models through 10/31/10
	F8344501	Door Lock Catch	Models starting 11/1/10
13	F8270701	Bolt	
14	F430264	Nut	
15	F8223401	Door Lock Switch Lever	
16	F8070301	Torsion/Door Lock Spring	
17	F430232	Nut	
18	F431902	Washer	

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



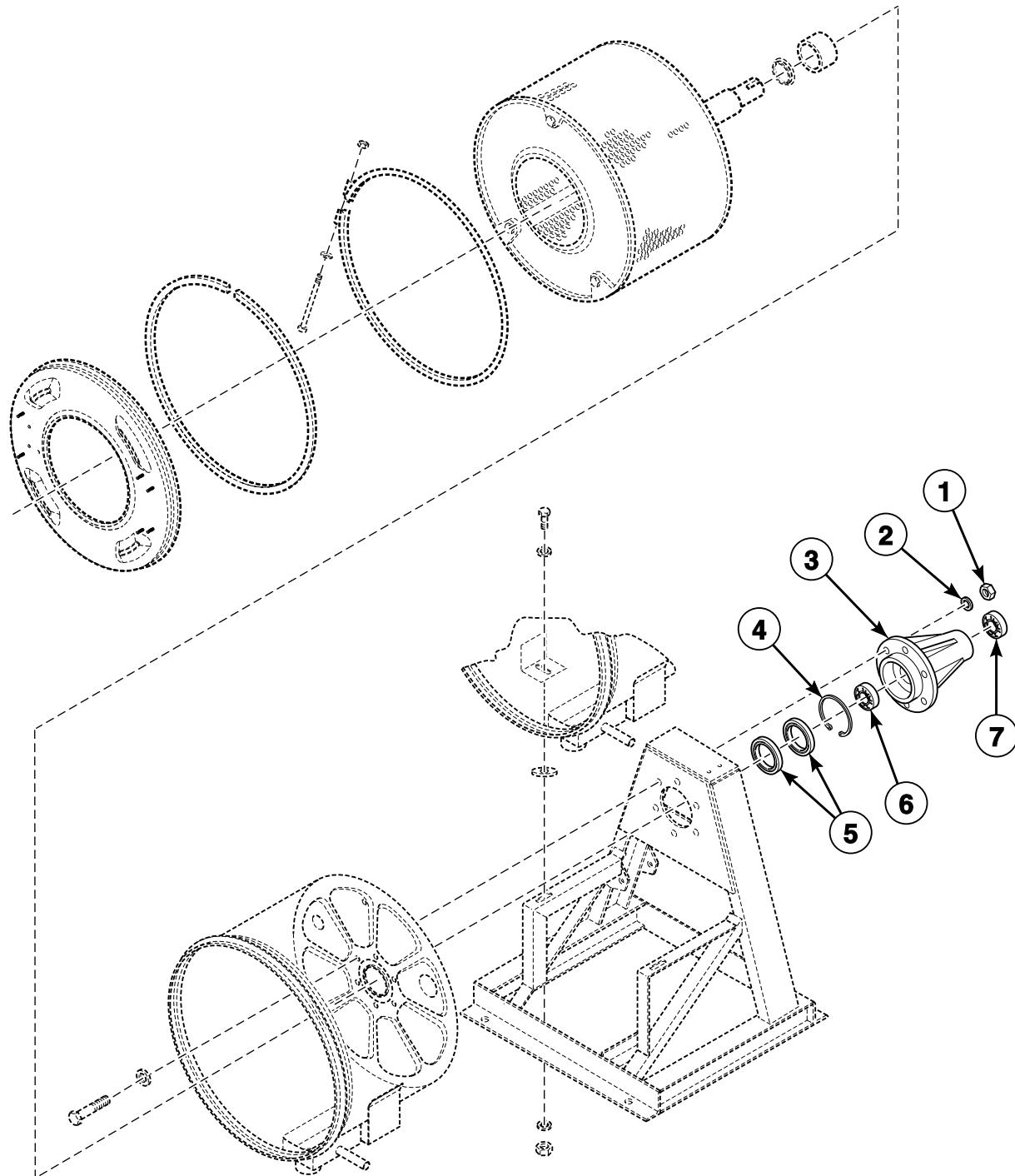
CHM3153P\_F8339301

# Basket, Shell, Frame and Trunnion - Design 1 Models

## (Drawing 1 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
	389P4	Basket Tool Kit	Purchase; Requires F460129P Bearing Puller Tool
	390P4-1	Basket Rental Tool Kit	Requires F460129P Bearing Puller Tool
	F460129P	Bearing Puller Tool	
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	F8513501	Shell Front Gasket Kit	
3	F602757	Shell Band Assembly	20 pound models
	F8388002	Clamp Ring 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; Includes items 8 and 9, F8347801 Basket Assembly and F747001 Trunnion Kit; Models through 3/31/10
	F8347801P	Basket Assembly	20 pound models; Includes items 8 and 9; Models that have been upgraded with F935P3 Pressfit Upgrade Kit or models starting 4/1/10
	F936P3	Pressfit Upgrade Kit	30 pound models; Includes items 8 and 9, F8347901 Basket Assembly and F747002 Trunnion Kit; Models through 3/31/10
	F8347901P	Basket Assembly	30 pound models; Includes items 8 and 9; Models that have been upgraded with F936P3 Pressfit Upgrade Kit or models starting 4/1/10
	F938P3	Pressfit Upgrade Kit	40 pound models; Includes items 8 and 9, F8336301 Basket Assembly and F747003 Trunnion Kit; Models through 3/31/10
	F8391701	Basket Assembly	40 pound models; Includes items 8 and 9; Models that have been upgraded with F938P3 Pressfit Upgrade Kit or models starting 4/1/10
	F939P3	Pressfit Upgrade Kit	60 pound models; Includes items 8 and 9, F8336501 Basket Assembly and F747005 Trunnion Kit; Models through 3/31/10
	F8391901	Basket Assembly	60 pound models; Includes items 8 and 9; Models that have been upgraded with F939P3 Pressfit Upgrade Kit or models starting 4/1/10
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
	F8343901P	Shaft Seal Sleeve Kit	20 pound models; Models that have been upgraded with F935P3 Pressfit Upgrade Kit or models starting 4/1/10; Includes item 8
	F8312004P	Shaft Seal Sleeve	30 pound models; Models that have not been upgraded with F936P3 Pressfit Upgrade Kit or models through 3/31/10
	F8343904P	Shaft Seal Sleeve Kit	30 pound models; Models that have been upgraded with F936P3 Pressfit Upgrade Kit or models starting 4/1/10; Includes item 8
	F8312006P	Shaft Seal Sleeve	40 pound models; Models that have not been upgraded with F938P3 Pressfit Upgrade Kit or models through 3/31/10
	F8343906P	Shaft Seal Sleeve Kit	40 pound models; Models that have been upgraded with F938P3 Pressfit Upgrade Kit or models starting 4/1/10; Includes item 8
	F8343909P	Shaft Seal Sleeve Kit	60 pound models; Includes item 8

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

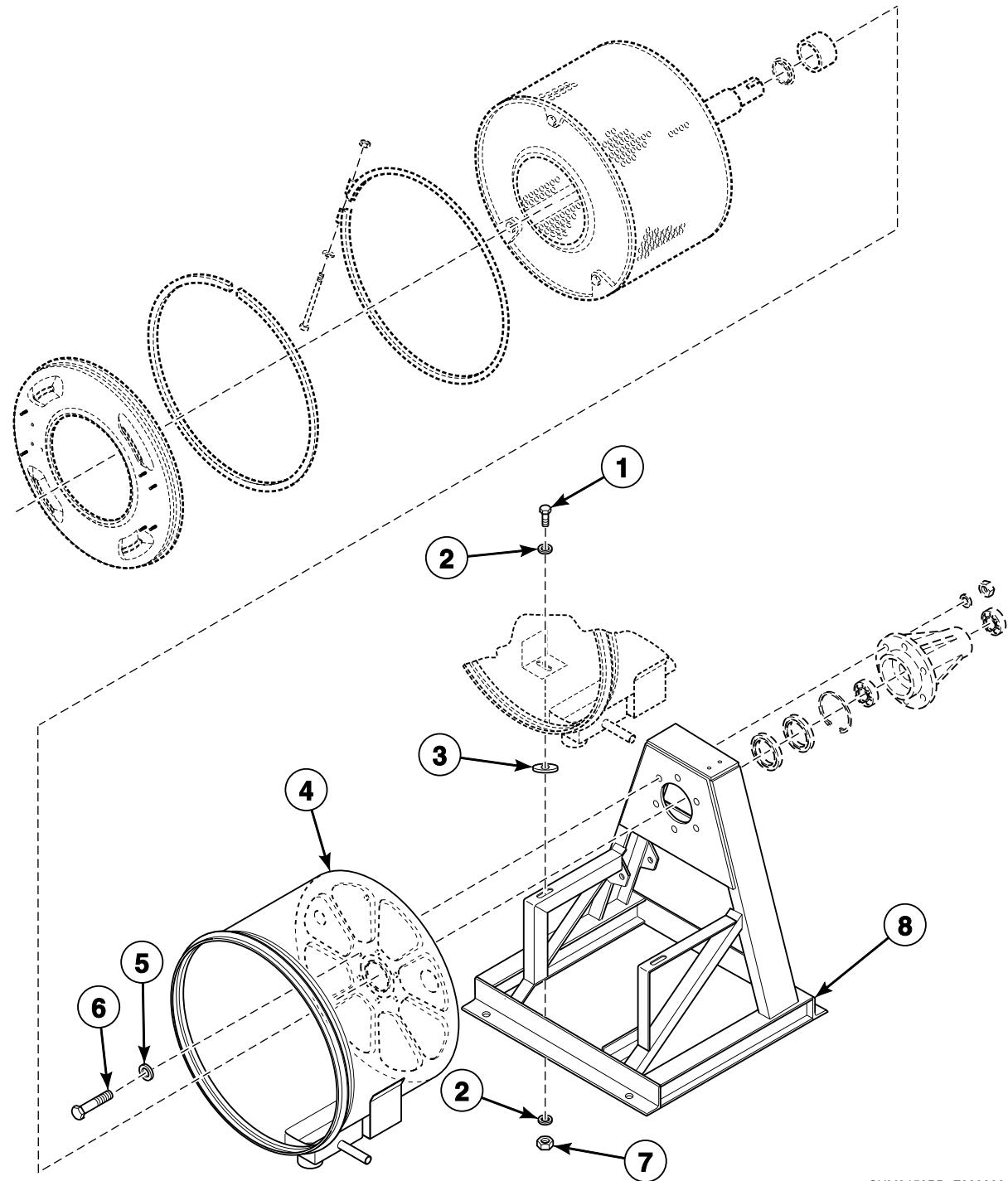


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# Basket, Shell, Frame and Trunnion - Design 1 Models (Drawing 2 of 3)

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	Includes items 4-6; 20 pound models
	F747002	Trunnion Kit	Includes items 4-6; 30 pound models
	F747003	Trunnion Kit	Includes items 4-6; 40 pound models
	F747005	Trunnion Kit	Includes items 4-6; 60 pound models
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	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)

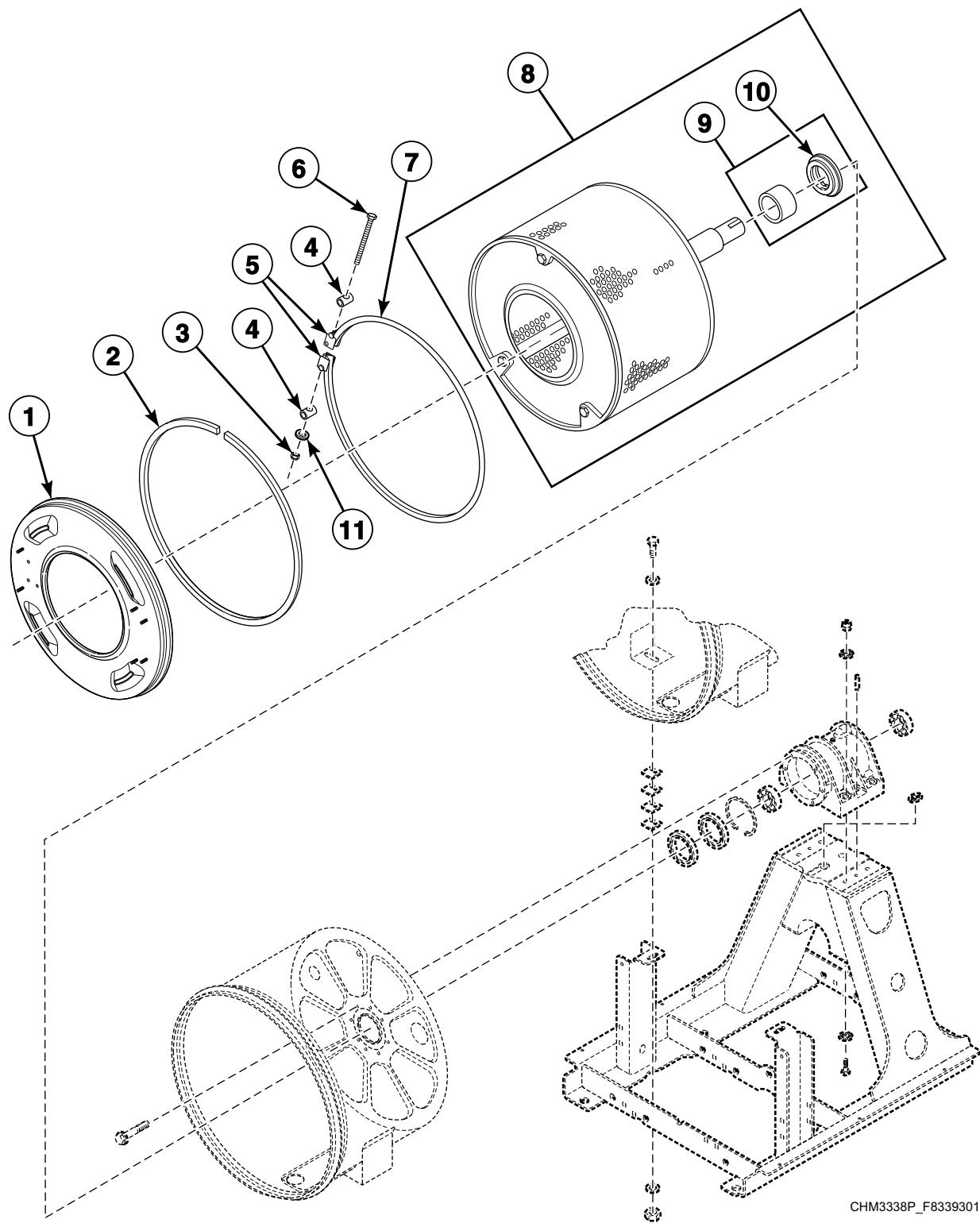


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## Basket, Shell, Frame and Trunnion - Design 1 Models (Drawing 3 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F430942	Screw	
2	M400081	Washer	
3	F430303	Washer	
4	F8179201	Shell Weldment	20 pound models; Standard
	F8179202	Shell Weldment	20 pound models; Models with electric heat
	F8179301	Shell Weldment	30 pound models; Standard
	F8179302	Shell Weldment	30 pound models; Models with electric heat
	F8179401	Shell Weldment	40 pound models; Standard
	F8179402	Shell Weldment	40 pound models; Models with electric heat
	F8179501	Shell Weldment	60 pound models; Standard
	F8179502	Shell Weldment	60 pound models; Models with electric heat
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)

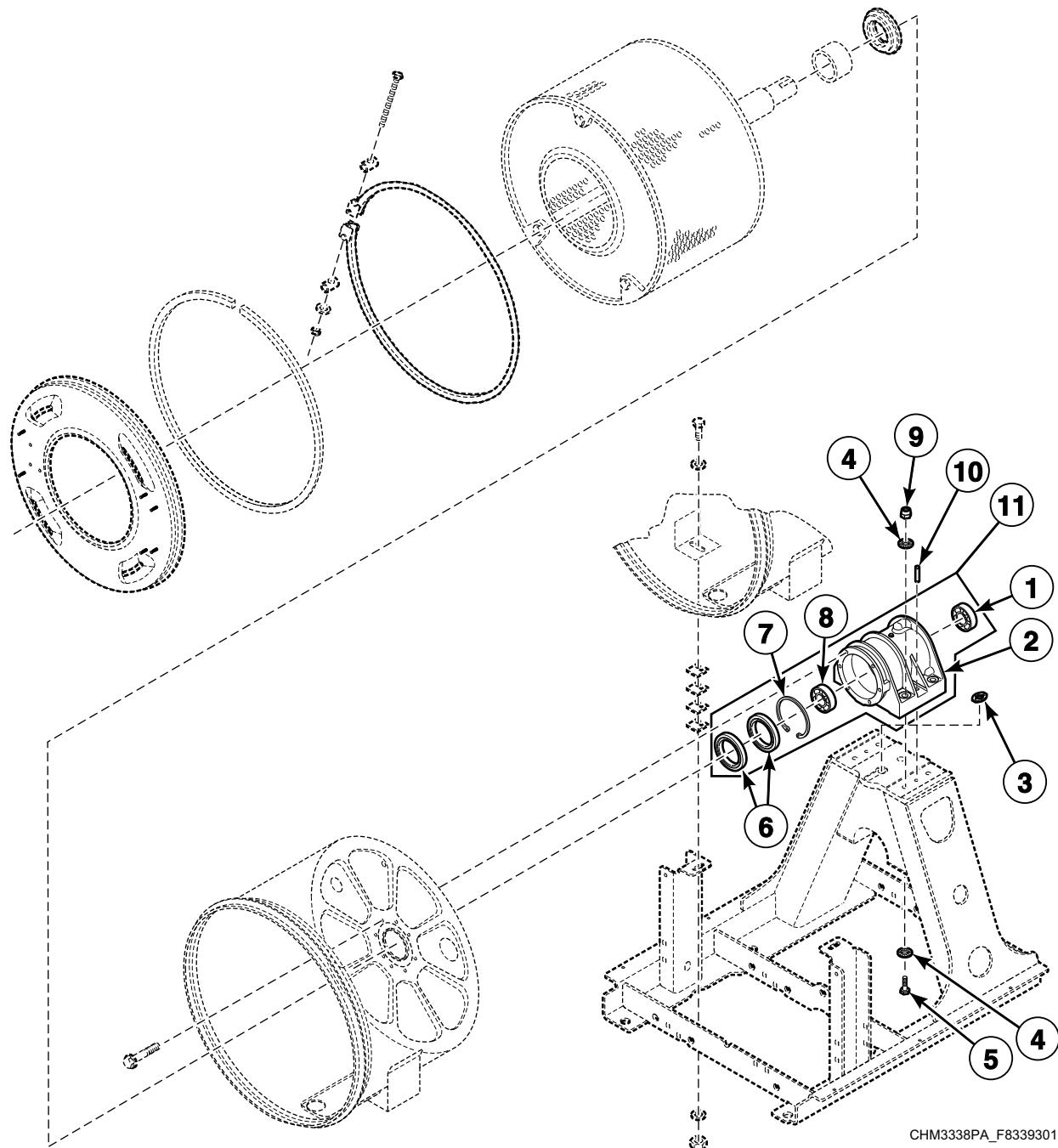


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# Basket, Shell, Frame and Bearing Housing - Design 2 and 3 Models (Drawing 1 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
	389P4	Basket Tool Kit	Purchase; Use with F935P3, F936P3, F938P3 and F939P3 Pressfit Upgrade Kits; Requires F460126P Bearing Puller Tool
	390P4-1	Basket Rental Tool Kit	Use with F935P3, F936P3, F938P3 and F939P3 Pressfit Upgrade Kits; Requires F460126P Bearing Puller Tool
	F460129P	Bearing Puller Tool	
	F8388001	Clamp Ring Assembly	Includes items 5 and 7; 20 pound models
	F8388002	Clamp Ring Assembly	Includes items 5 and 7; 30 pound models
	F741701	Shell Band Kit	Includes items 5 and 7; 40 pound models
	F8388004	Clamp Ring Assembly	Includes items 5 and 7; 60 pound models
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	F8513501	Shell Front Gasket Kit	
3	F430215	Nut	
4	F8302701	Pin	
5	F8302401	Clamp Ring Bracket	
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; Includes item 10
	F8343904P	Shaft Seal Sleeve Kit	30 pound models; Includes item 10
	F8343906P	Shaft Seal Sleeve Kit	40 pound models; Includes item 10
	F8343909P	Shaft Seal Sleeve Kit	60 pound models; Includes item 10
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	

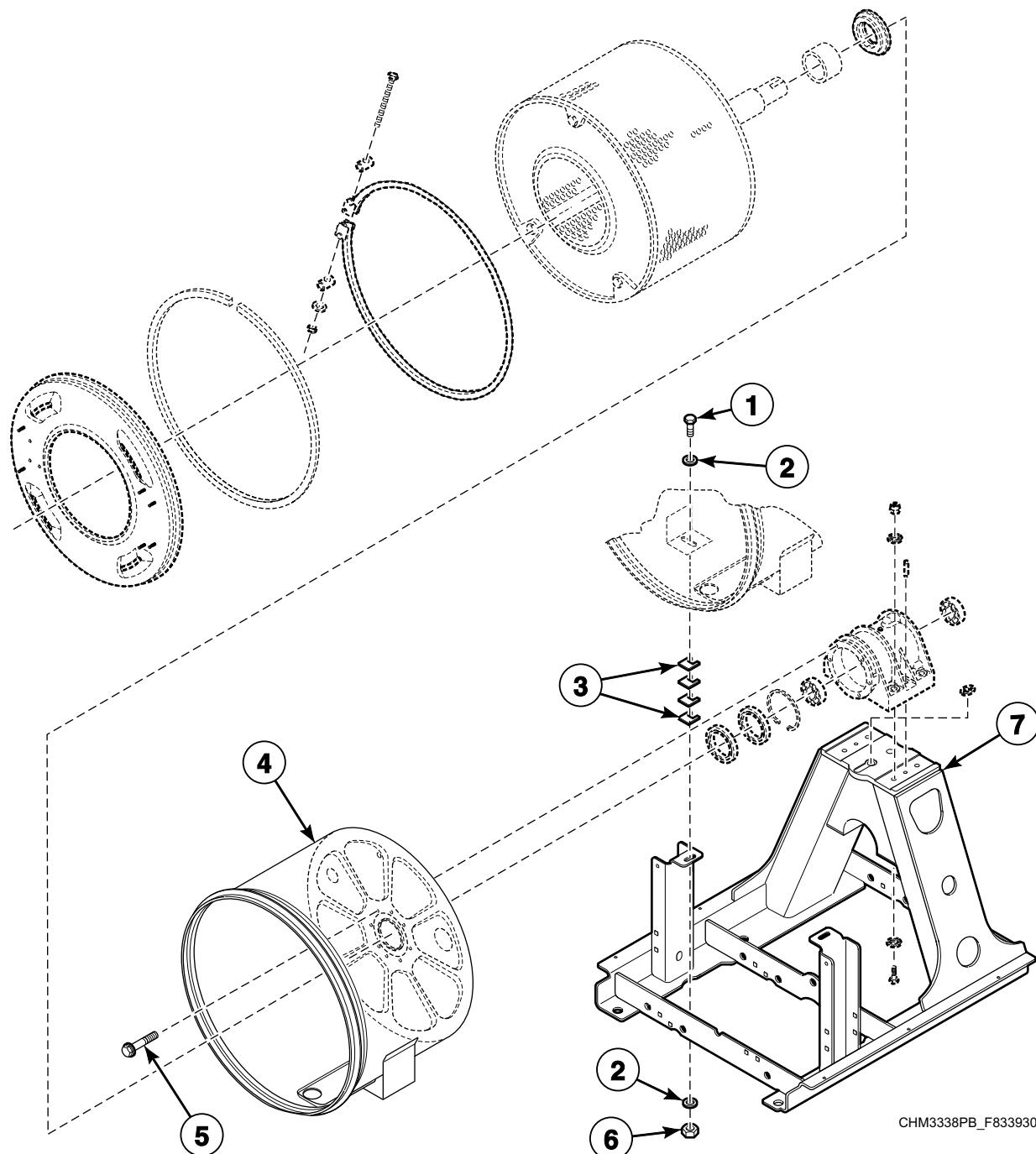
## Basket, Shell, Frame and Bearing Housing - Design 2 and 3 Models (Drawing 2 of 3)



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

REF	PART NO.	DESCRIPTION	COMMENTS
1	F100137P	Bearing	20 and 40 pound models; 6308 2RS C3; Front
	F100123P	Bearing	30 pound models; 6309 2RS C3; Front
	F100135	Bearing	60 pound models; 6313 2RS C3; Front
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	20 pound models; 6307 2RS C3; Rear
	F100108	Bearing	30 pound models; Rear
	F100134	Bearing	40 and 60 pound models; 6310 2RS C3; Rear
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)

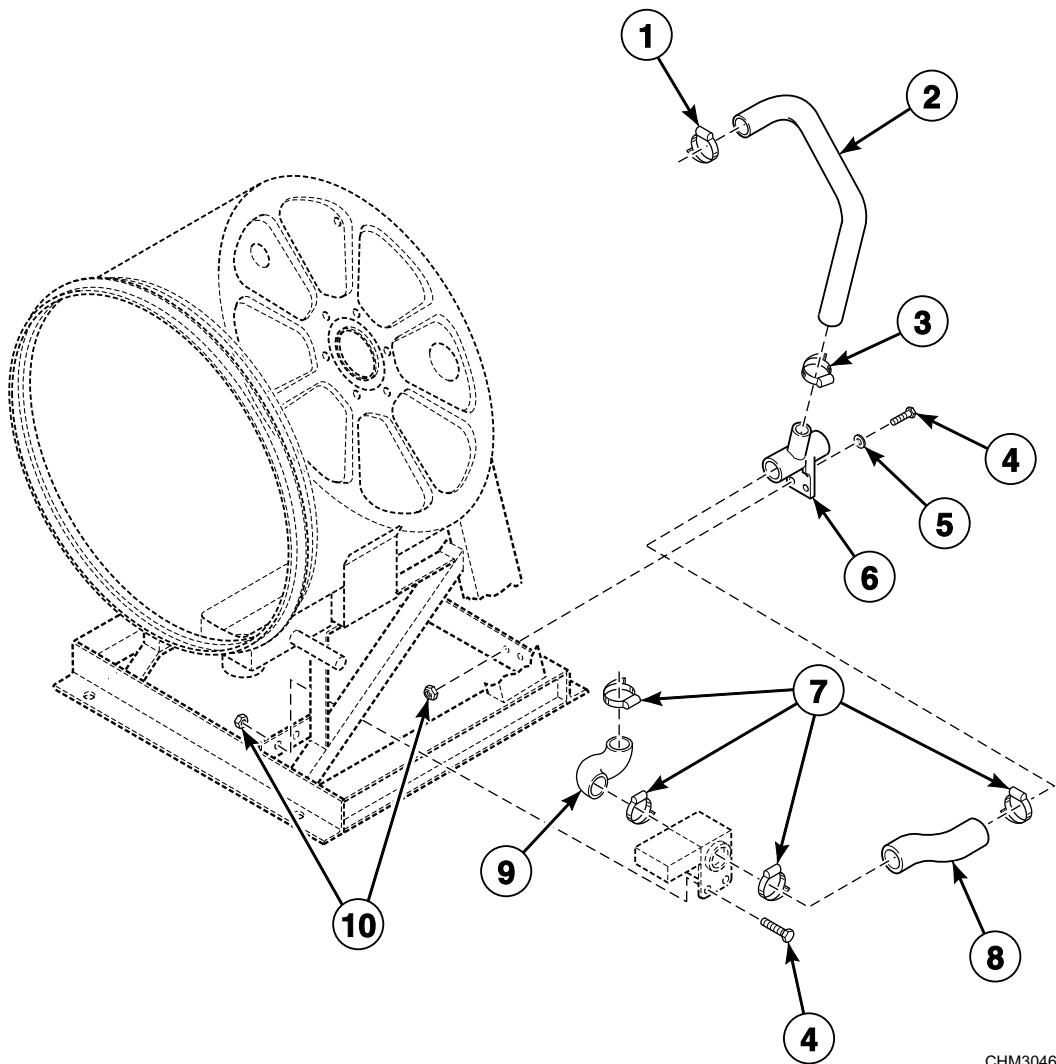


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# **Basket, Shell, Frame and Bearing Housing - Design 2 and 3 Models (Drawing 3 of 3)**

<b>REF</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>COMMENTS</b>
	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
<b>1</b>	H88213996	Screw	
<b>2</b>	M400081	Washer	
<b>3</b>	F8402701	Washer	
<b>4</b>	F8360603	Shell Weldment	20 pound models; Standard
	F8360602	Shell Weldment	20 pound models; Models with electric heat
	F8360703	Shell Weldment	30 pound models; Standard
	F8360702	Shell Weldment	30 pound models; Models with electric heat
	F8360803	Shell Weldment	40 pound models; Standard
	F8360802	Shell Weldment	40 pound models; Models with electric heat
	F8360903	Shell Weldment	60 pound models; Standard
	F8360902	Shell Weldment	60 pound models; Models with electric heat
<b>5</b>	F8442701	Screw	
<b>6</b>	44087301	Nut	
<b>7</b>	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

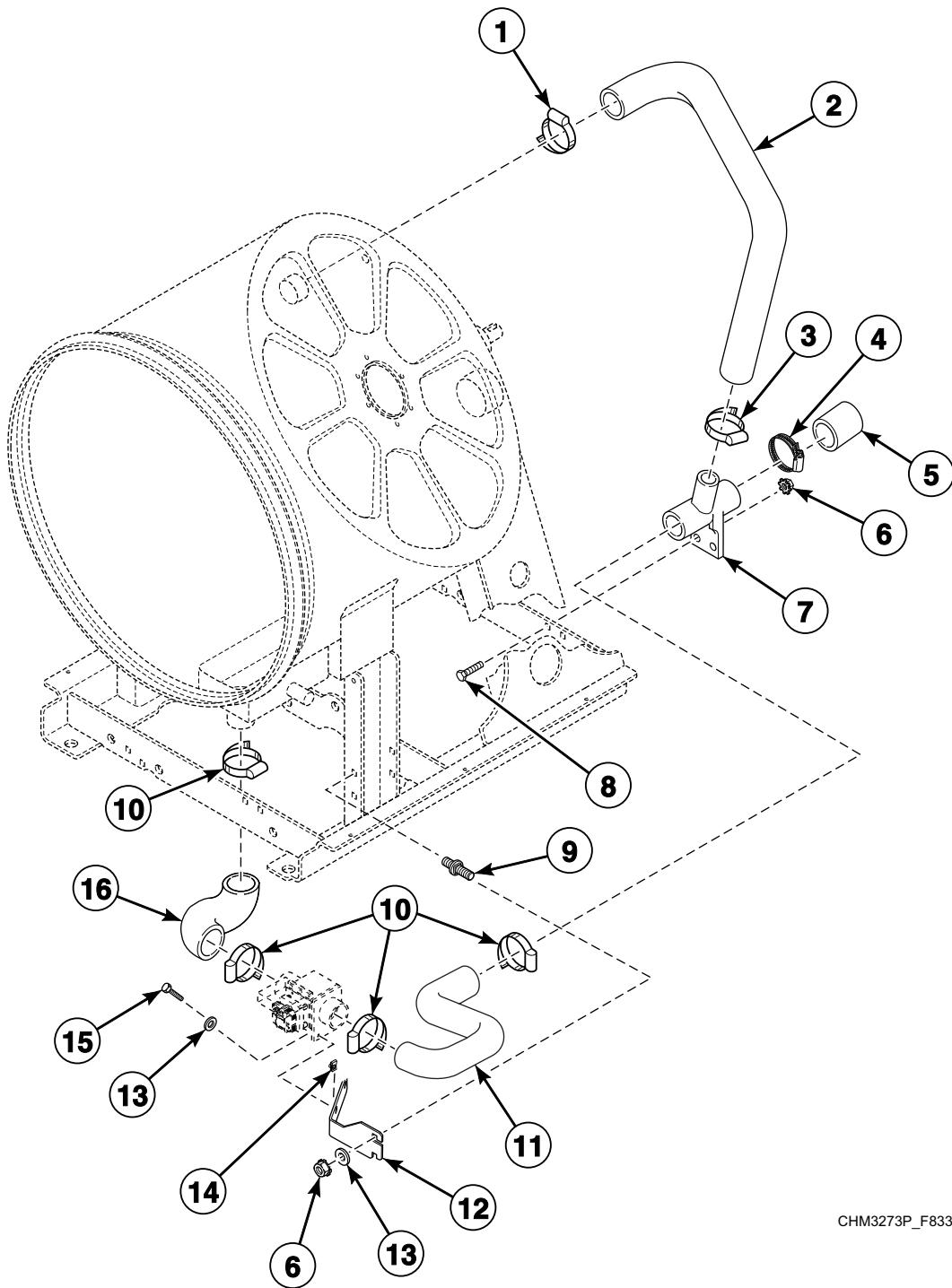


CHM3046P\_F8339301

## 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	All other models; No. 40
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	20 and 30 pound models; No. 40
	F200201	Hose Clamp	40 and 60 pound models; No. 56
8	F8233101	Drain Hose	20 pound models
	F8233102	Drain Hose	30 pound models
	F8231901	Drain Hose	40 pound models
	F8231902	Drain Hose	60 pound models
9	F8233001	Drain Hose	20 and 30 pound models
	F8232901	Drain Hose	40 and 60 pound models
10	F430215	Nut	

## Drain Plumbing - Design 2 and 3 Models

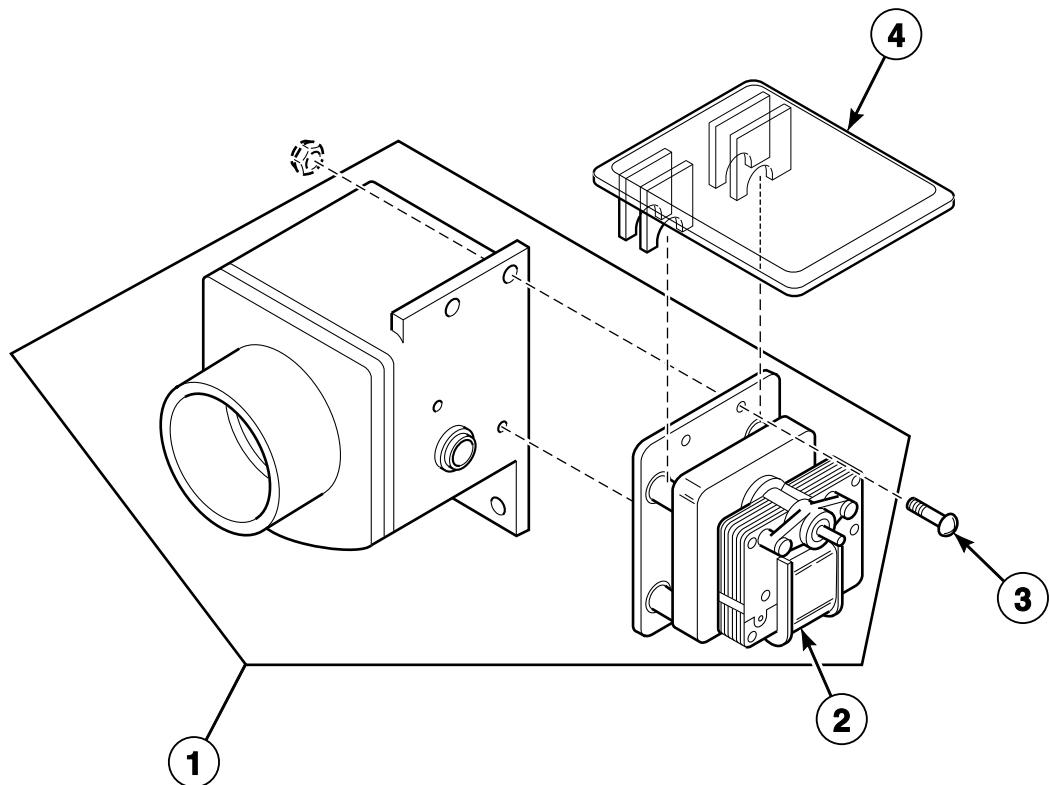


CHM3273P\_F8339301

## 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; 40 pound models
	F200213	Hose Clamp	No. 40; All other 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	No. 40; 20 and 30 pound models
	F8402801	Bolt	No. 56; 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

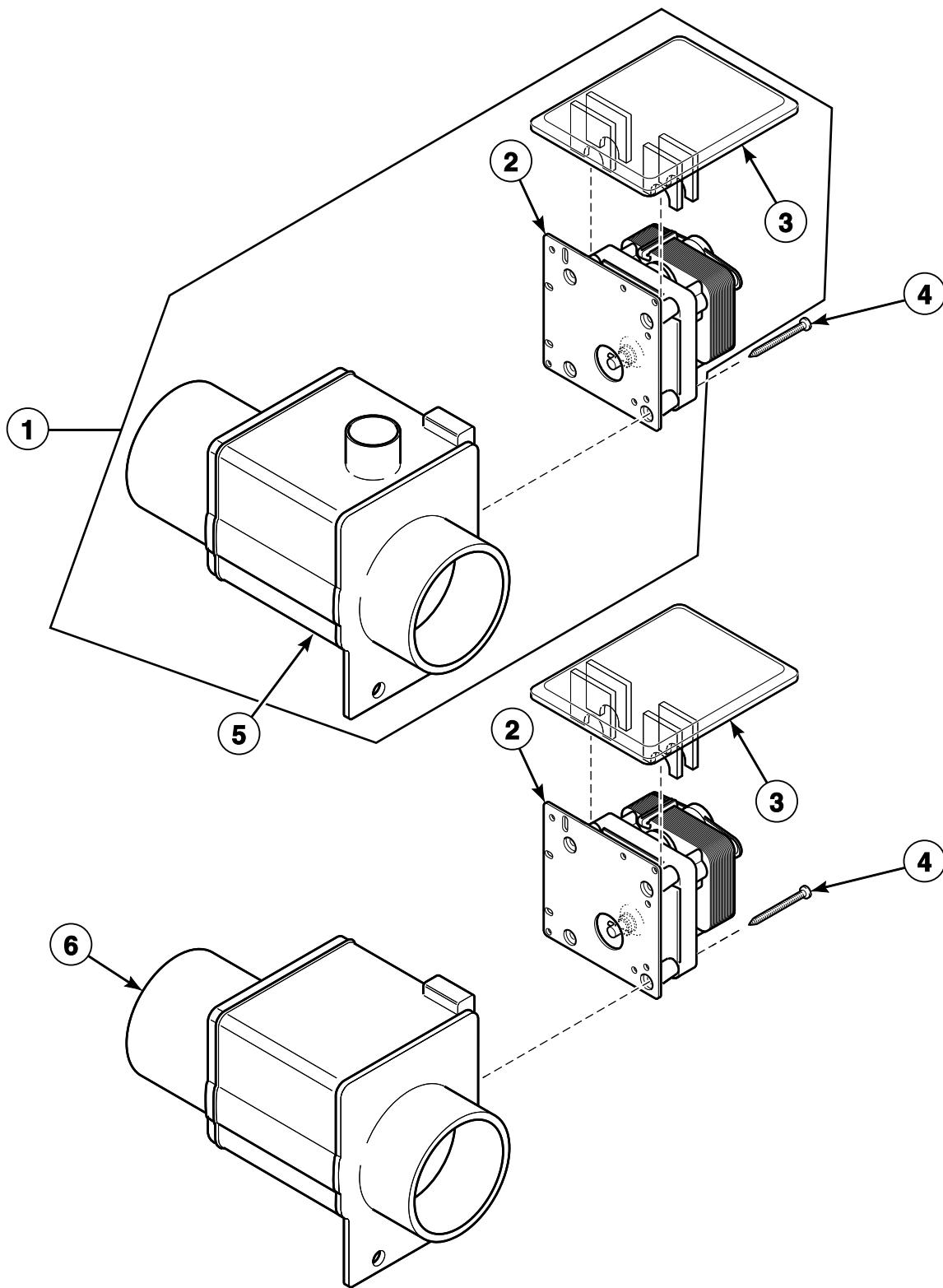


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## **Drain Valve Assembly - 20 and 30 Pound Models**

REF	PART NO.	DESCRIPTION	COMMENTS
	F8504601	Spring	Use with item 1
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

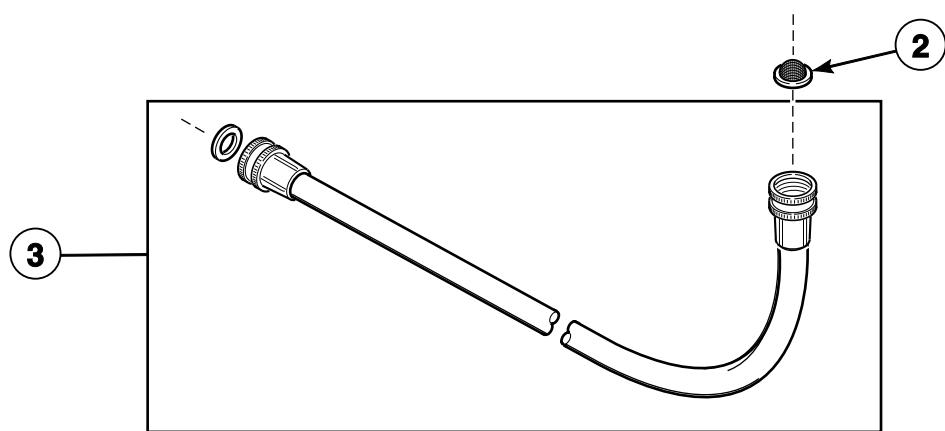
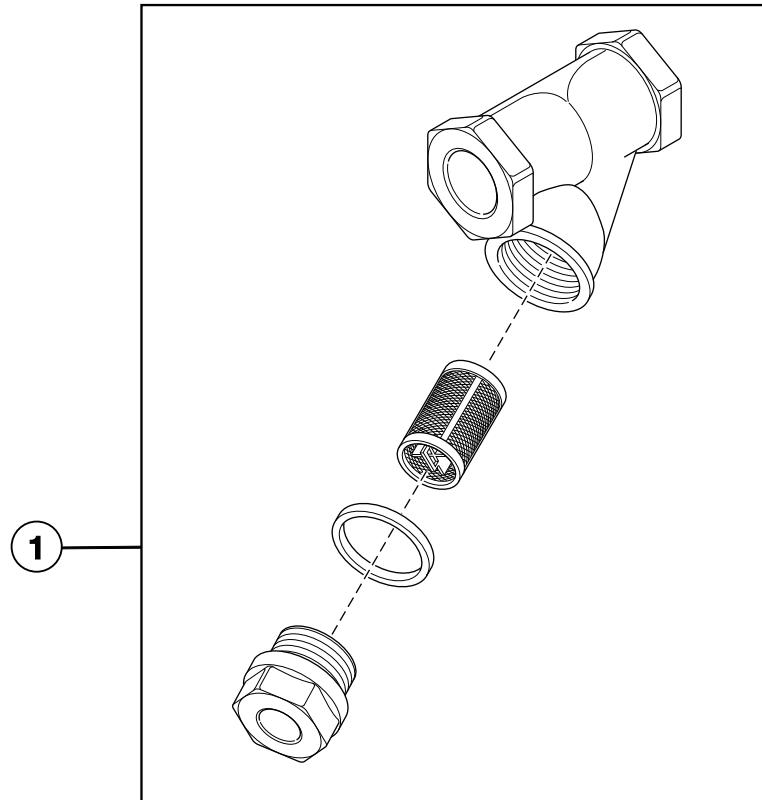


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## Drain Valve Assembly - 40 and 60 Pound Models

REF	PART NO.	DESCRIPTION	COMMENTS
	F200215	Hose Clamp	No. 28
	F150352	Overflow Plug	
1	F200166400	Drain Valve Kit	220 Volt; Models with 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; Models with heat
6	F200166402	Drain Valve Kit	220 Volt

## Steam Filter (Optional) and Water Supply Hose

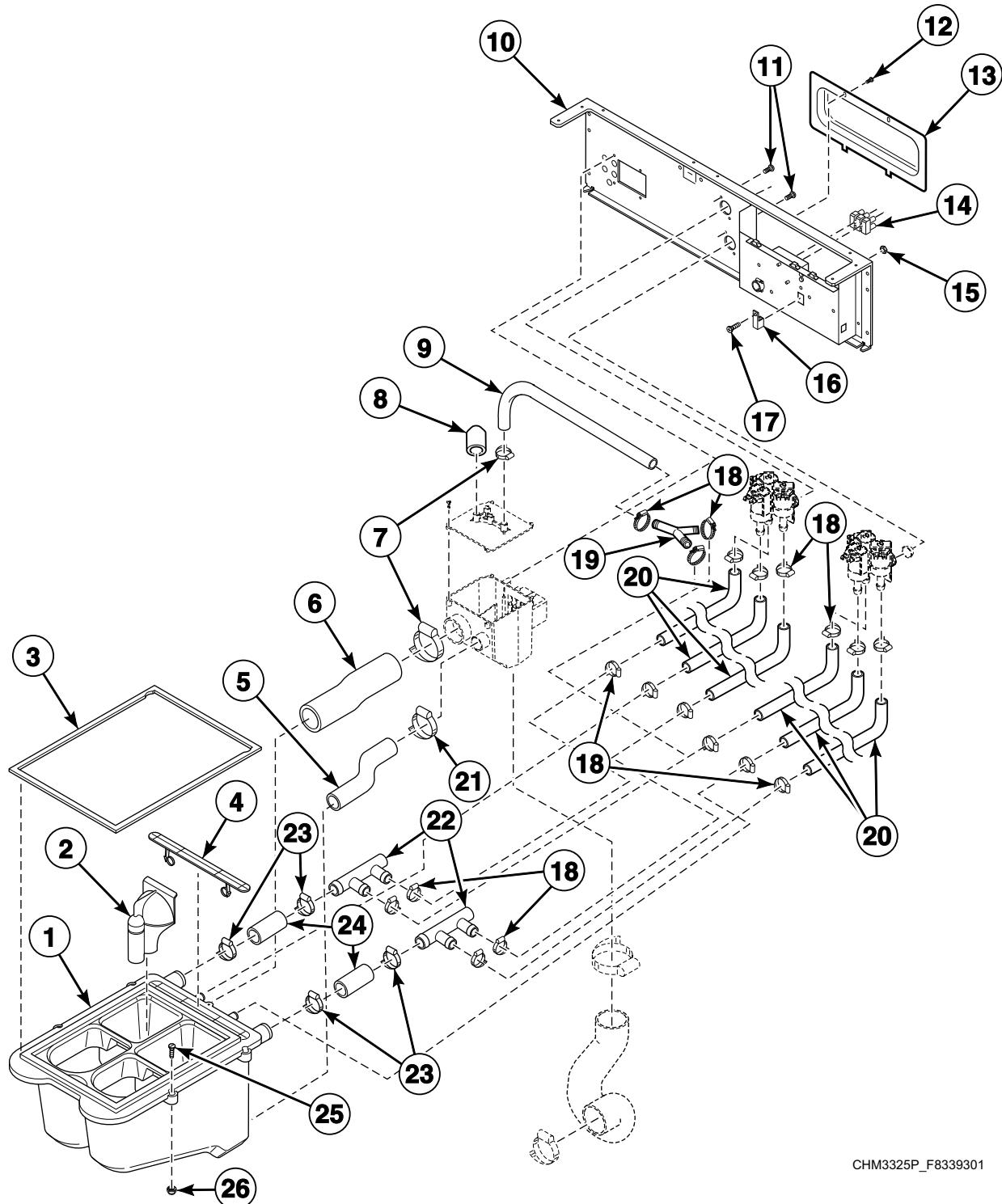


CHM3049P\_F8339301

## **Steam Filter (Optional) and Water Supply Hose**

<b>REF</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>COMMENTS</b>
1	F270307	Steam Filter	1/2 inch
	F270308	Steam Filter	3/4 inch
2	803615	Washer	
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)

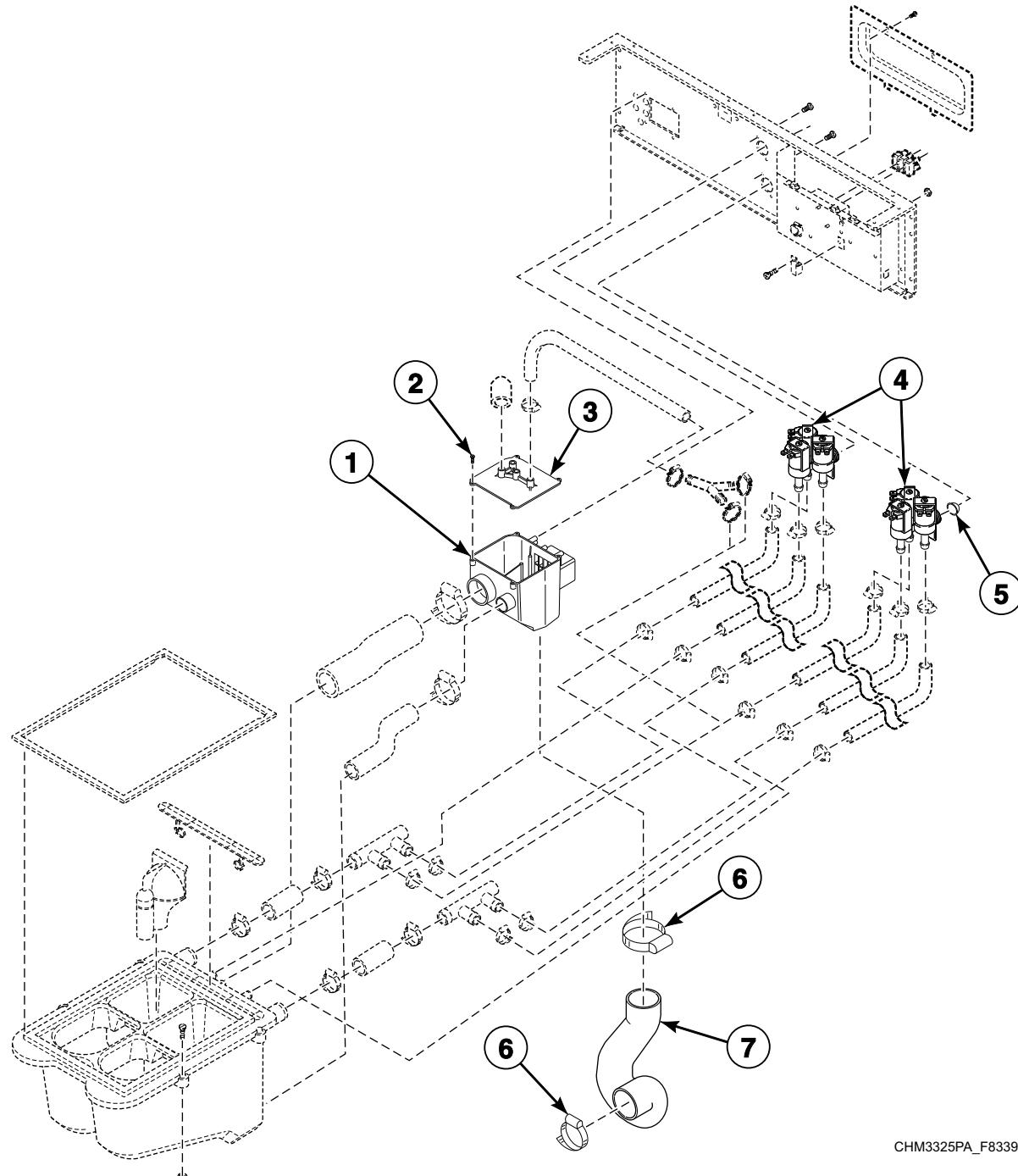


CHM3325P\_F8339301

## Fill Plumbing Assembly (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8047401	Dispenser Assembly	Includes items 2 and 4; Models through 10/15/12
	F8047402	Dispenser Assembly	Includes items 2 and 4; 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	Vinyl
9	F0200244-01	Vacuum Breaker Hose	60 pound models
	F0200244-02	Vacuum Breaker Hose	All other models
10	F8039901	Valve Panel	Design 1; 20 pound models
	F8017501	Valve Panel	Design 1; 30 pound models
	F8039601	Valve Panel	Design 1; 40 pound models
	F8039801	Valve Panel	Design 1; 60 pound models
	F8398701	Valve Panel	Design 2 and 3; 20 pound models
	F8398801	Valve Panel	Design 2 and 3; 30 pound models
	F8398901	Valve Panel	Design 2; 40 pound models
	F8399001	Valve Panel	Design 2; 60 pound models
11	F8206901	Screw	
12	F8230301	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
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)

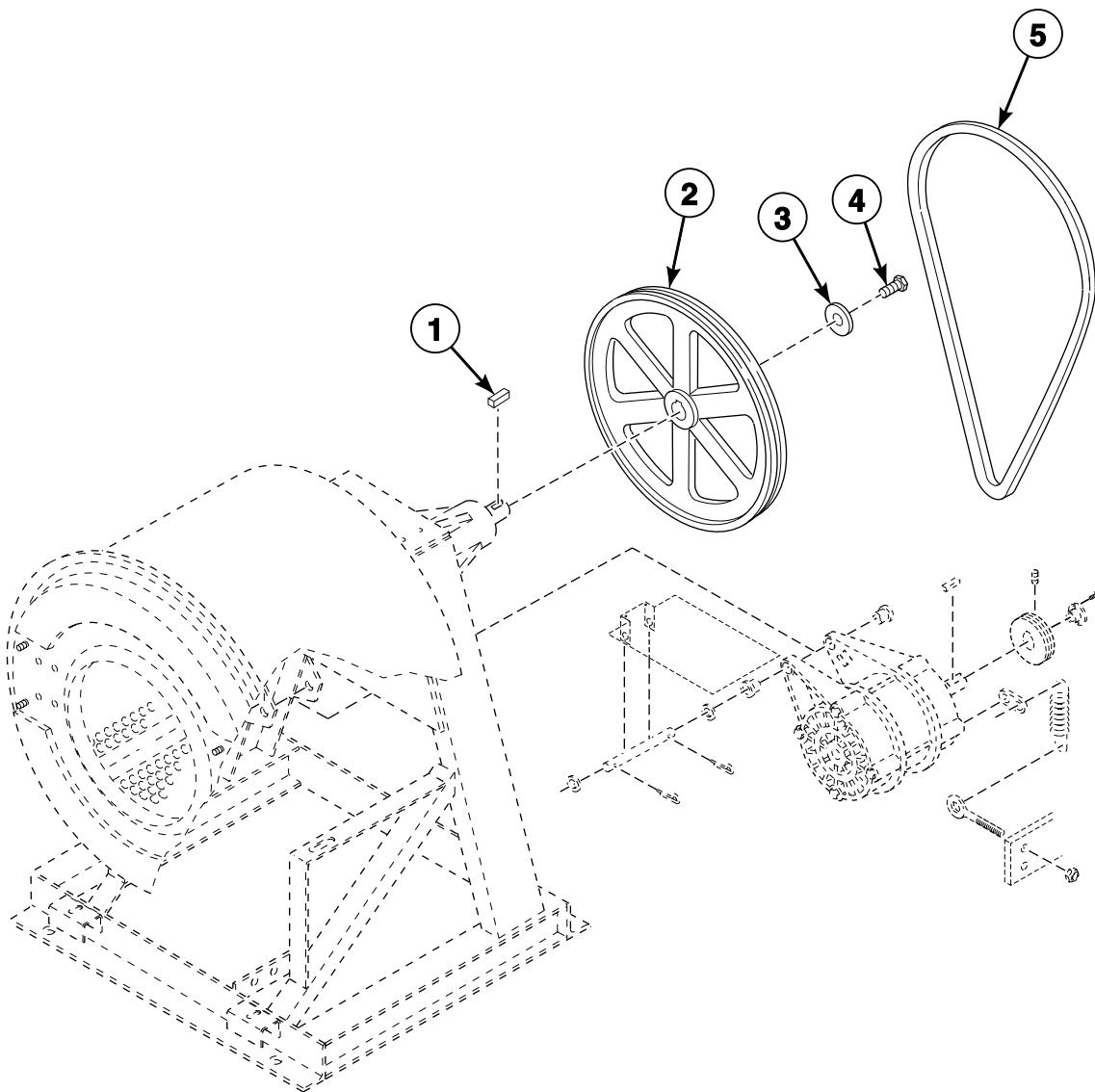


CHM3325PA\_F8339301

## Fill Plumbing Assembly (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	G582P3	Diaphragm and Guide Kit	Use with F8286401P 3-Way Valve and F8286402P 3-Way Valve
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
	395P4	Water Valve Tool	Elbi valves
5	803615	Washer	
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)

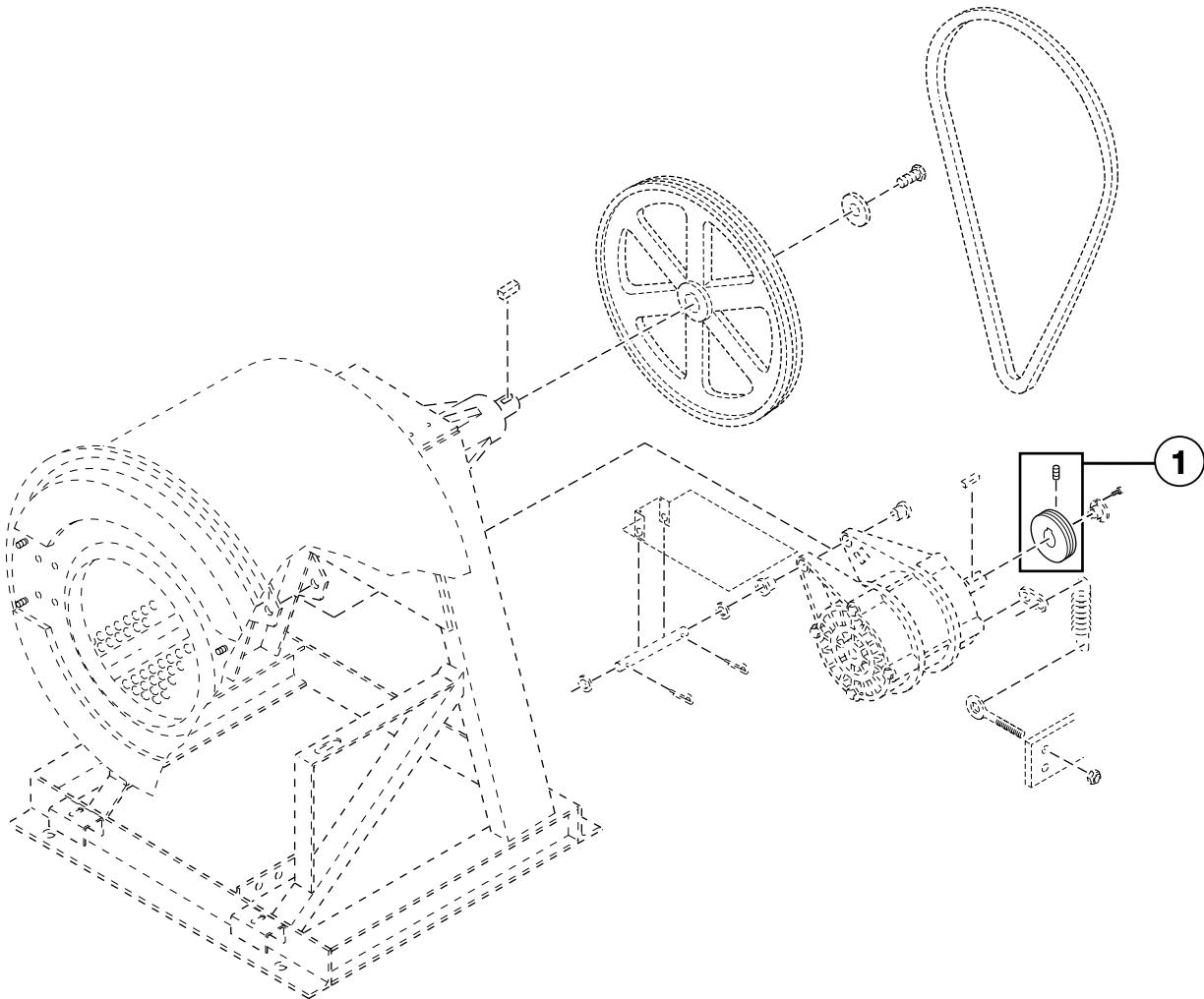


CHM3050P\_F8339301

## 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	20 pound models; C and F-voltage; 3V730
	F280337	Belt	20 pound models; B, F, O and Y-voltage; 3V710
	F280321	Belt	30 pound models; C, F, O and Y-voltage; 3V800
	F280341	Belt	40 pound models; C-voltage; 3V850
	F280342	Belt	40 pound models; F, O and Y-voltage; 3V830
	F280373	Belt	60 pound models; C-voltage; 3V90.65
	F280304	Belt	60 pound models; F and O-voltage; 3V900
	F280366P	Belt	60 pound models; X-voltage; V870J6

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

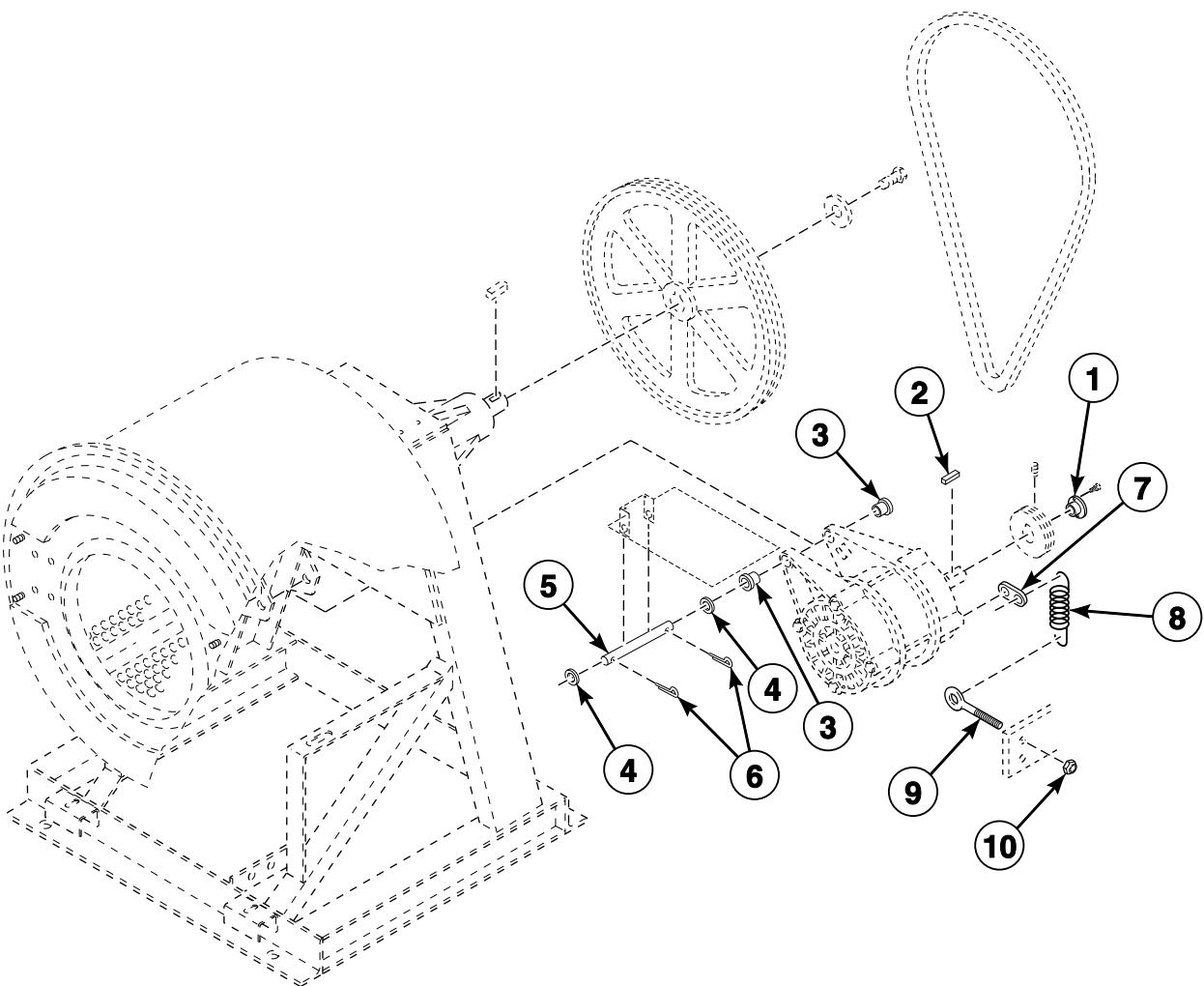


CHM3050PA\_F8339301

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

REF	PART NO.	DESCRIPTION	COMMENTS
1	F280427P	Pulley	20 pound models; C and J-voltage; 1GR3V3.15JA; Requires JA bushing
	F280170	Sheave Pulley	20 pound models; B, F, O and Y-voltage; 1GR3V2.65
	F280284	Pulley	30 pound models; F and O-voltage; 1GR3V2.9
	F280281	Motor Pulley	30 pound models; Y-voltage; 1GR3V3.0
	F280172	Sheave Pulley	30 pound models; C, F, J, O and Y-voltage; 1GRV3V22.00
	F280297	Pulley Bushing	40 pound models; C, F, J, O and Y-voltage; 2GRV3V22.00
	F280105P	Pulley	40 pound models; C-voltage; 2GR3V3.35SH; Requires SH bushing
	F0280385-00	Sheave	40 and 60 pound models; F, O and Y-voltage; 2GR3V3.00
	F280422P	Pulley	60 pound models; C and J-voltage; 2GR3V3.365SH; Requires SH bushing
	F280173	Pulley	60 pound models; C, F, J and O-voltage; 2GRV3V

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

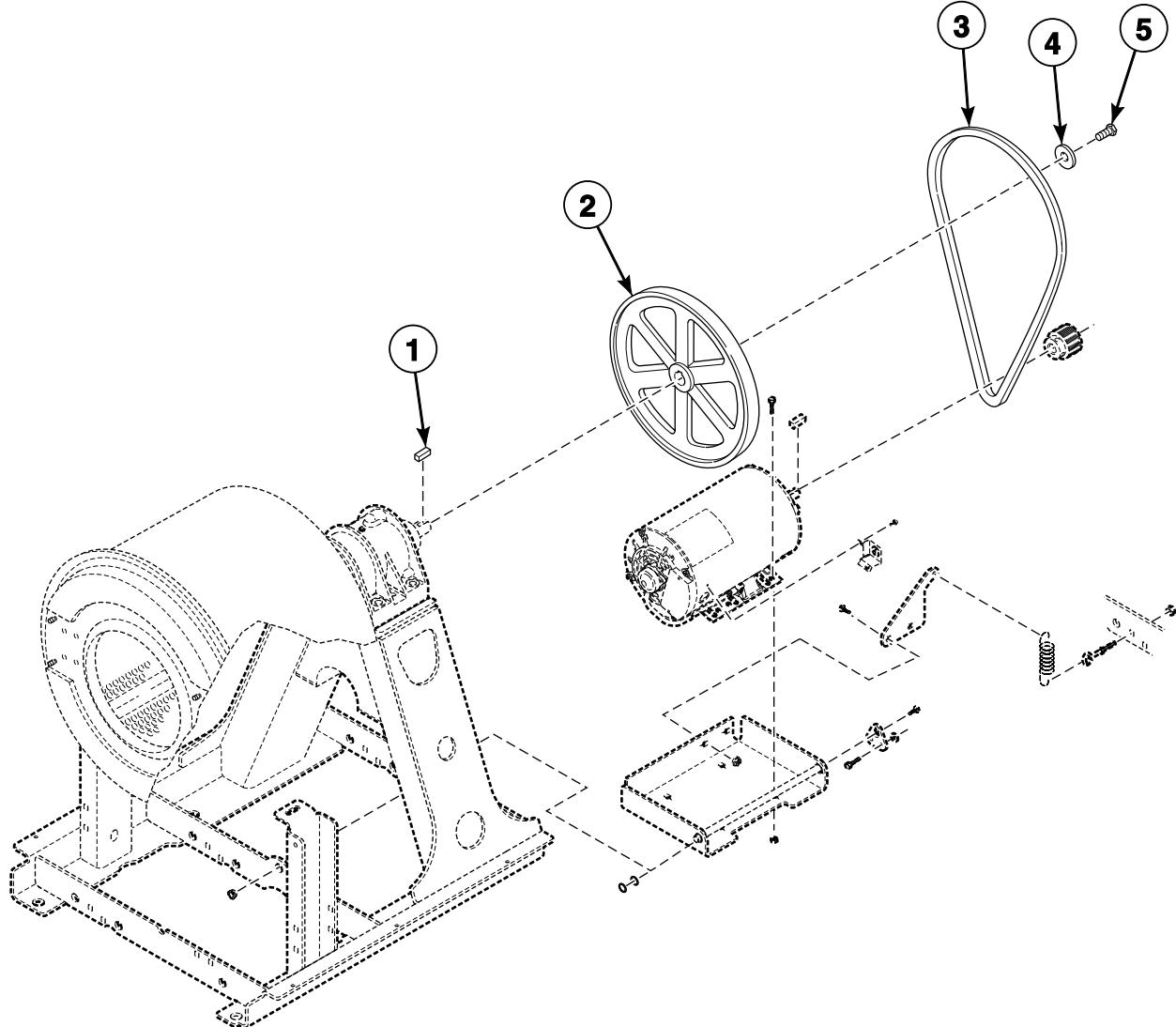


CHM3050PB\_F8339301

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

REF	PART NO.	DESCRIPTION	COMMENTS
1	H87529111P	Bushing	20 and 30 pound models; C and J-voltage; JA 5/8
	M412995P	Bushing	40 and 60 pound models; C and J-voltage; SH 7/8
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 and 30 pound models
	F603059	Motor Support Rod	40 pound models
	F603897	Motor Support Rod	60 pound models
6	F430401	Cotter Pin	
7	F633374	Spring Clip	
8	F310124	Extension Spring	
9	F430537	Screw	
10	F430218	Nut	

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

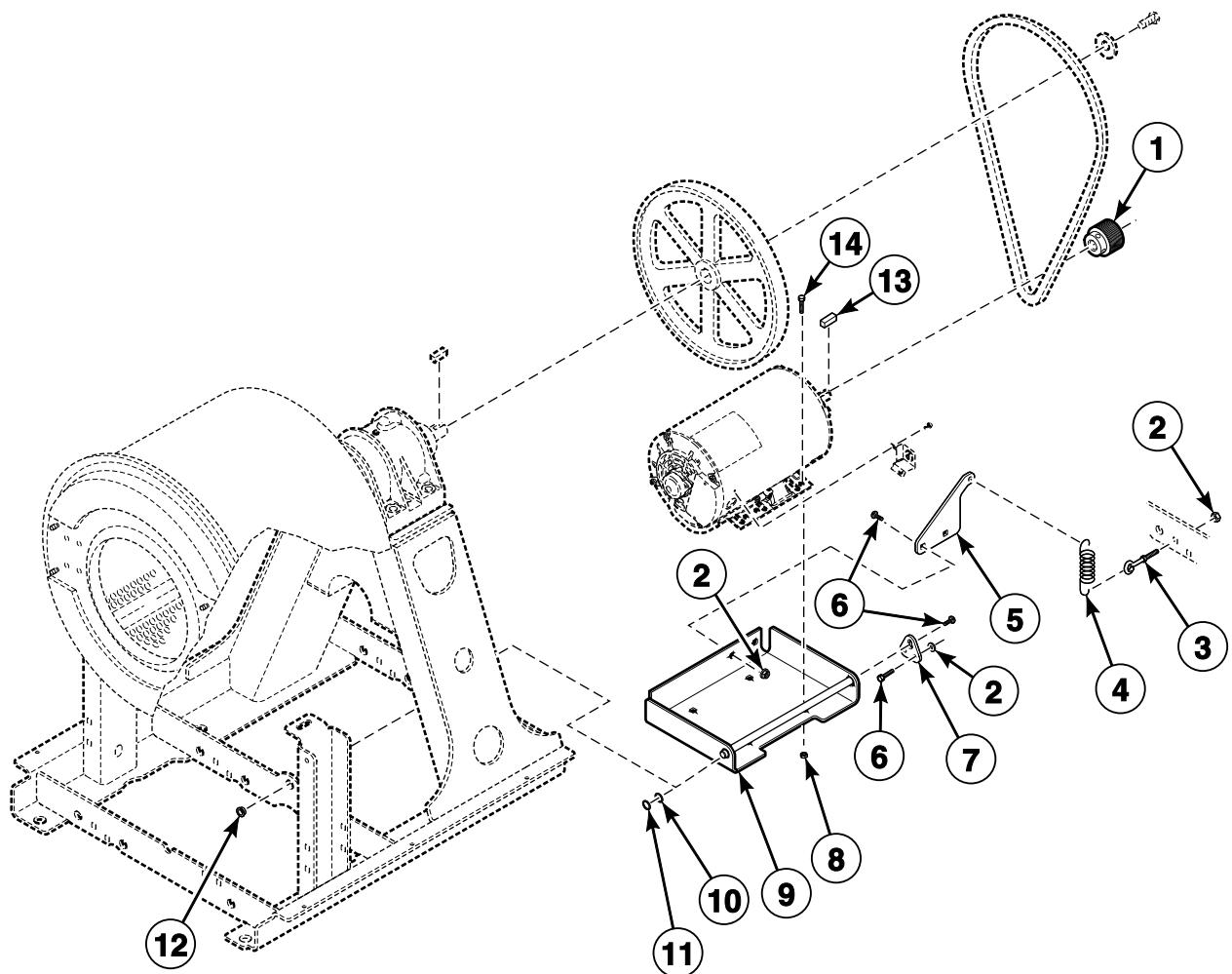


CHM3290P\_F8339301

## 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)

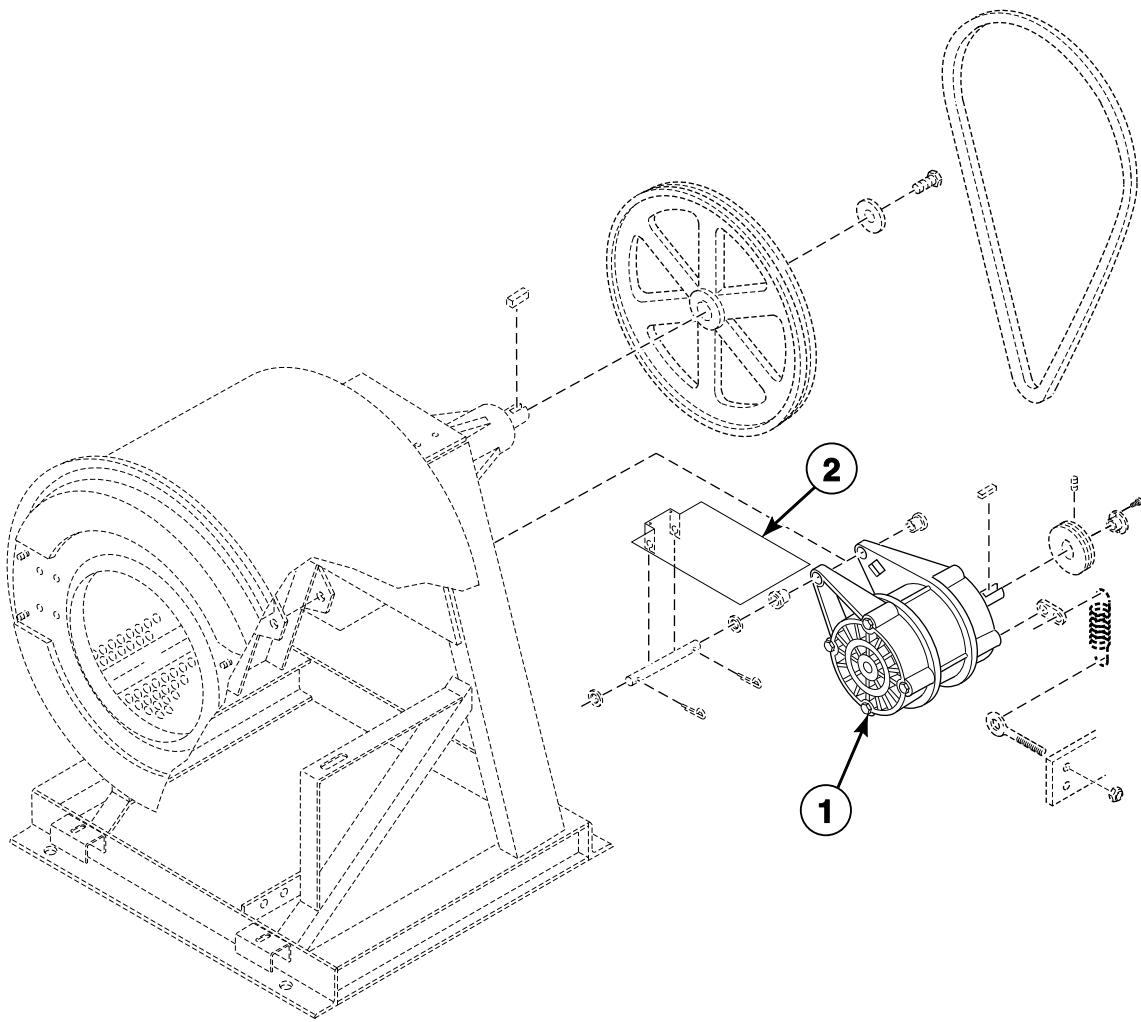


CHM3290PA\_F8339301

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

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8362501	Motor Pulley	20 pound models with 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



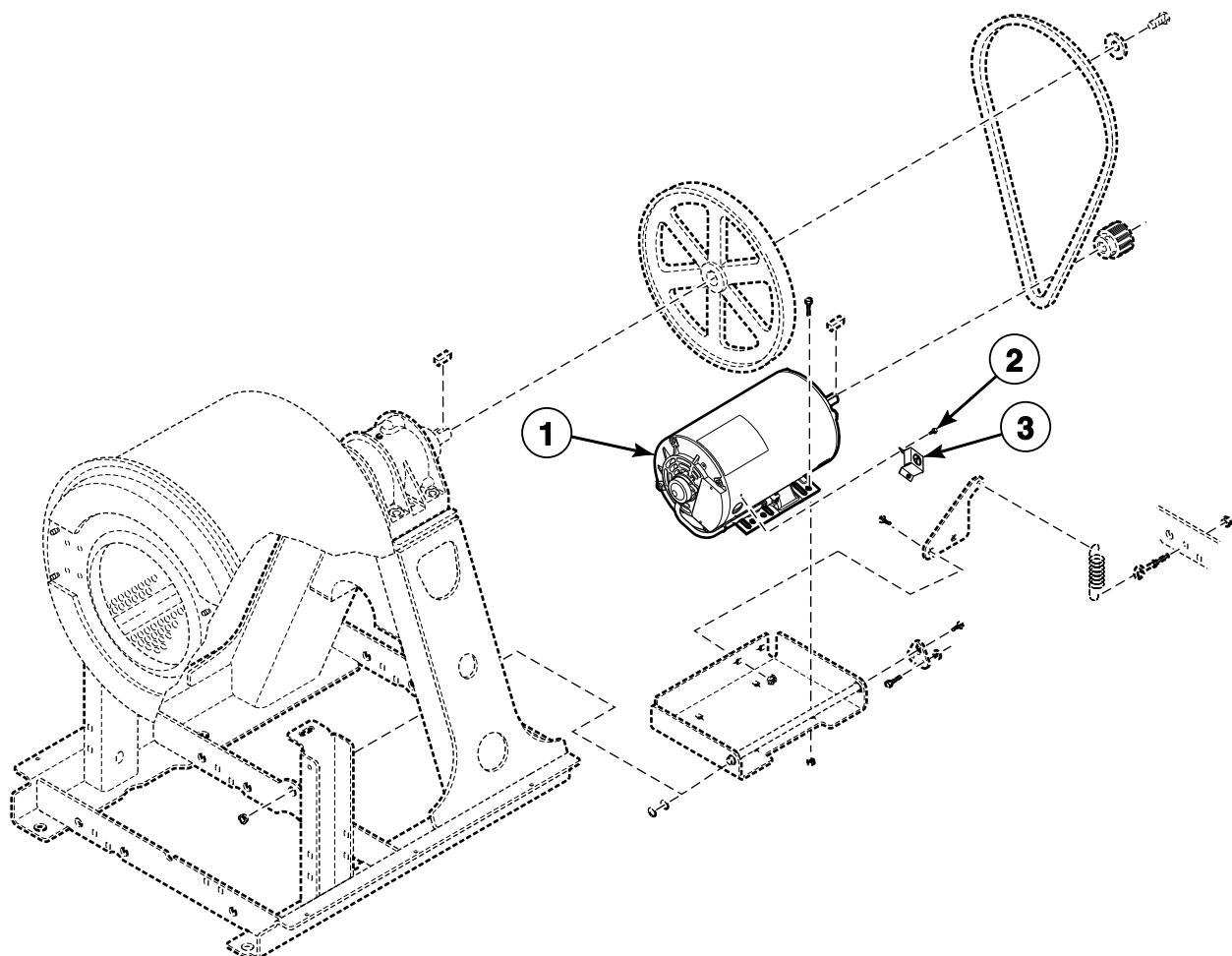
CHM3050PC\_F8339301

## Motor - Design 1 Models

REF	PART NO.	DESCRIPTION	COMMENTS
1	F8329601P	Motor	20 pound models; Replaces F220110 Motor; B-voltage; Includes motor support bushing
	F8329401P	Motor	20 pound models; C and F-voltage; Replaces F022032500P and F220325-H Motors; Includes motor support bushing
	F8329301P	Motor	20 pound models; Replaces F022039600 and F220396-H Motors on models through 7/25/10; All other models starting 7/26/10; J and O-voltage; Use with F220396-H Motor; Includes motor support bushing; Order F8329301P Motor
	F022012800P	Motor	20 pound models; Y-voltage; Use with F220128-H Motor; Includes F200186100 Motor Support Bushing
	F8329801P	Motor	30 pound models; C and F-voltage; Replaces F220388-H and F022038800P Motors; Includes motor support bushing
	F8329701P	Motor	30 pound models; J and O-voltage; Replaces F220387-H and F022038700 Motors; Includes motor support bushing
	F8329901P	Motor	30 pound models; Y-voltage; Use with F220124-H Motor; Includes motor support bushing
	F8330101P	Motor	40 pound models; C and F-voltage; Replaces F022032600 and F220326-H Motors; Includes motor support bushing
	F8330001P	Motor	40 pound 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 models; Y-voltage; Includes motor support bushing
2	F8330401P	Motor	60 pound 2 speed models; Replaces F220327P Motor; C and F-voltage; Includes motor support bushing
	F8330301P	Motor	60 pound 2 speed models; O-voltage; Replaces F022032200 Motor; Includes motor support bushing
2	F8329201P	Motor Conversion Kit	60 pound F-speed models; Replaces F220234P Motor on models through 9/15/10; X-voltage; Includes motor support bushing**
	F8329201	Motor	60 pound F-speed models; Models that have been converted with F8329201P Motor Conversion Kit or models starting 9/16/10; X-voltage
	F200216900	Motor Drip Shield	20 and 30 pound models
	F200280700	Motor Drip Shield	40 and 60 pound 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



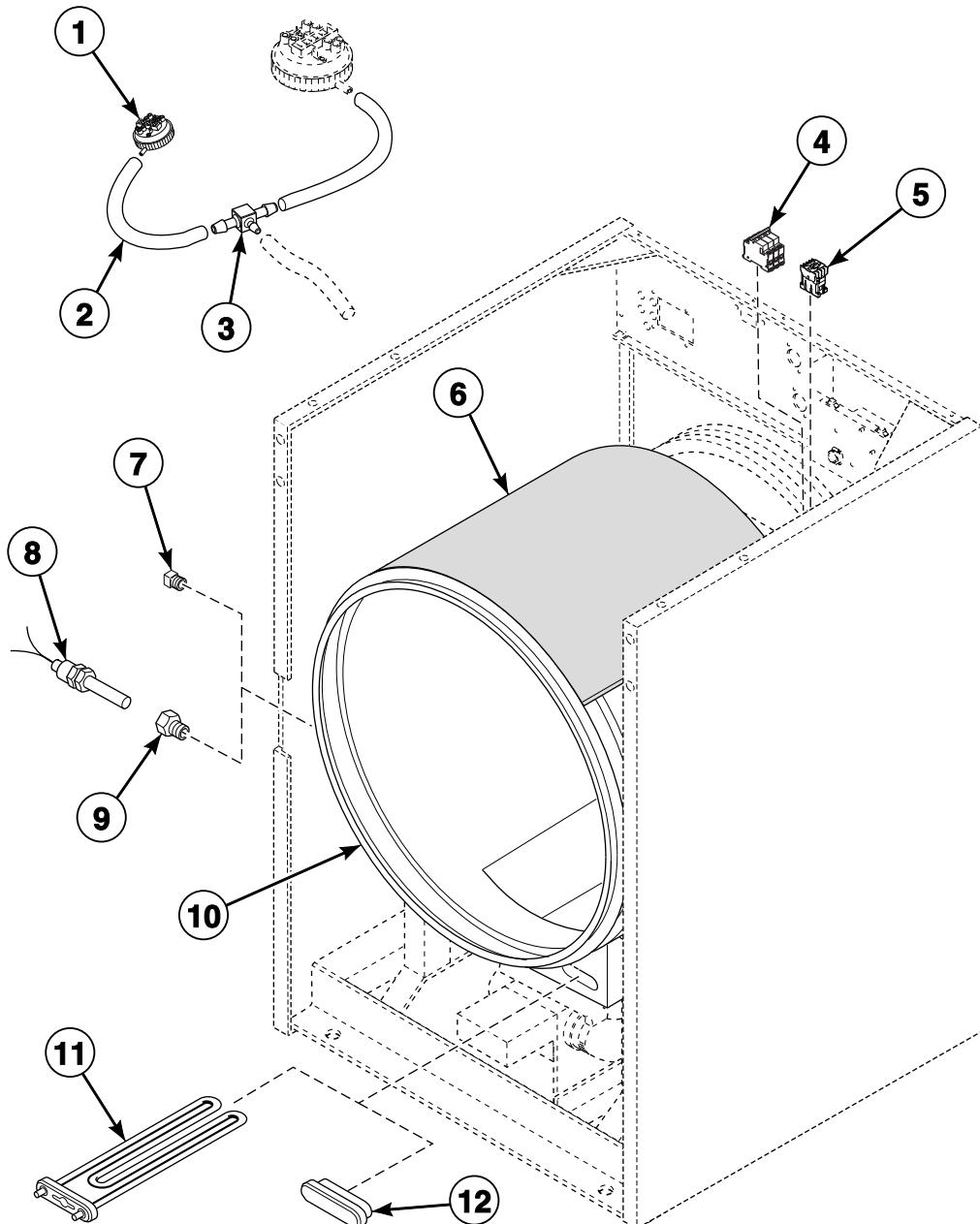
CHM3290PB\_F8339301

## **Motor - Design 2 and 3 Models**

REF	PART NO.	DESCRIPTION	COMMENTS
	F200216900	Motor Drip Shield	20 pound models
	F8396601	Motor Harness	20, 30 and 40 pound models N and P-voltage; 60 pound models
	F8384901	Motor Harness	30 and 40 pound models; Q and X-voltage
	F8384801	Motor Harness	20 pound models; B, Q and X-voltage
1	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	

**\*\* 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.**

## Electric Heat Option

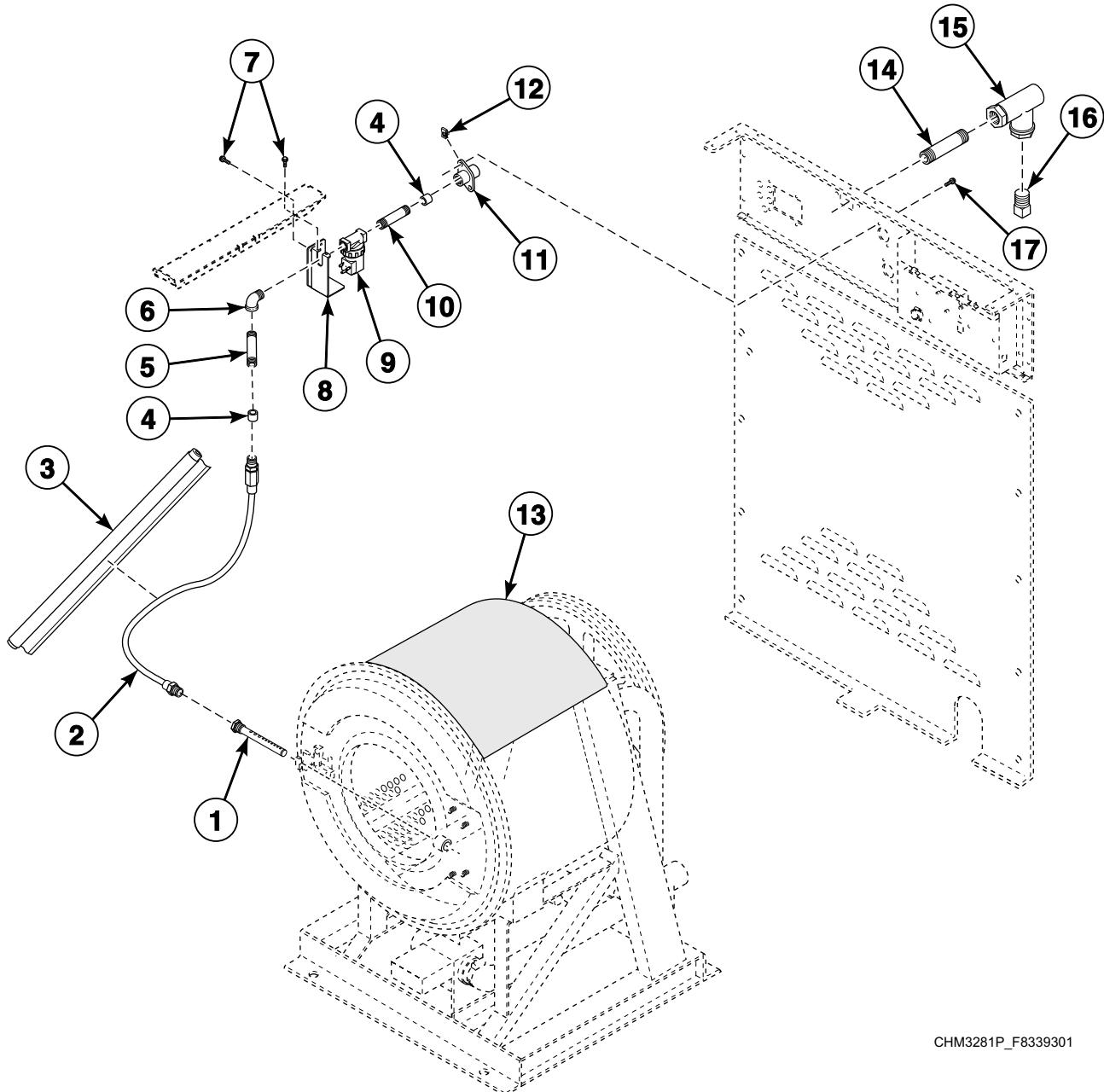


CHM3319P\_F8339301

## Electric Heat Option

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

## Steam Heat Option



CHM3281P\_F8339301

## Steam Heat Option

REF	PART NO.	DESCRIPTION	COMMENTS
	F953P3	Steam Heat Kit	Includes items 1-10, 12, 14-15 and harness
	F380984P	Steam Valve Repair Kit	Use with item 7
	F8514601	Coil	Use with F8322801 Valve
	F8379501	Valve Kit	Use with F8322801 Valve
	F8382301	DIN Valve Adapter Kit	Use with F8322801 Valve
<b>1</b>	F603131	Steam Injector Tube Assembly	Design 1
	F8368201	Steam Injector Tube Assembly	Design 2 and 3
<b>2</b>	F200197	Steam Hose	60 pound models
<b>3</b>	F8233700	Pipe Insulation	Design 2 and 3
<b>4</b>	F8116301	Coupling	Design 2 and 3
<b>5</b>	F8110601	Nipple	
<b>6</b>	H86070034	Street Elbow	
<b>7</b>	F8206901	Screw	
<b>8</b>	F8490301	Steam Bracket	
<b>9</b>	F380787P	Steam Valve	220 Volt; Design 1
	F8322801P	Valve	Replaces F380787P Steam Valve on Design 1 models; Design 2 and 3; Includes F8514601 Coil; For models that have been upgraded with F8521601 DIN Valve Kit
	F8521801	DIN Valve Kit	Replaces F380787P Steam Valve on Design 1 models; Design 2 and 3; Includes F8322801 Valve, F8382301 DIN Valve Adapter Kit and F8514601 Coil
<b>10</b>	70263801	Pipe Nipple	
<b>11</b>	F8154501	Coupling	Design 1
	F8362701	Coupling	Design 2 and 3
<b>12</b>	70030401	Nut	
<b>13</b>	F410300	Pipe Insulation	Design 1
<b>14</b>	431486	Pipe Nipple	
<b>15</b>	F270307	Steam Filter	
<b>16</b>	F420409	Plug	
<b>17</b>	20253	Screw	

## Notes

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