

# Washer-Extractor

Cabinet Freestanding

Refer to Page 5 for Model Numbers



[www.alliancelaundry.com](http://www.alliancelaundry.com)

Part No. D2016R4  
September 2022



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## Parts Ordering Information

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

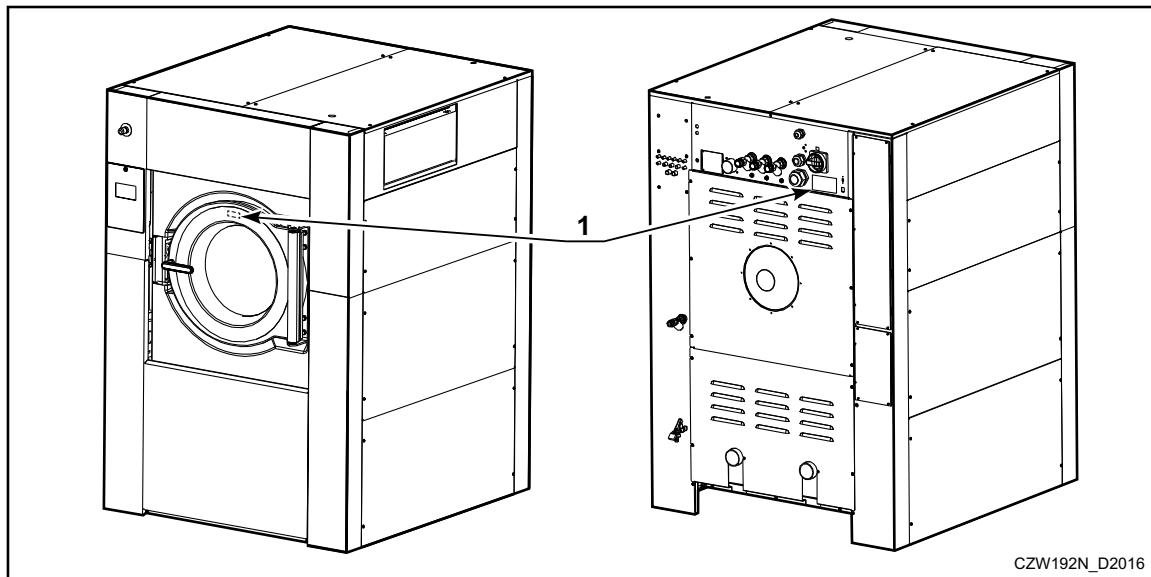
For technical assistance, call the number listed below:

(920) 748-3121   Ripon, Wisconsin

## Serial Plate Location

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

### 1. Serial Plate Location



## Notes

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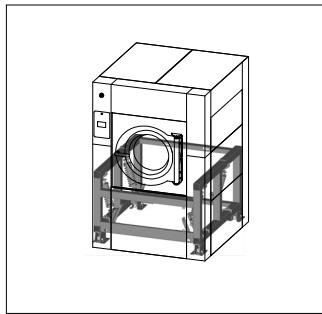
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## Model Identification

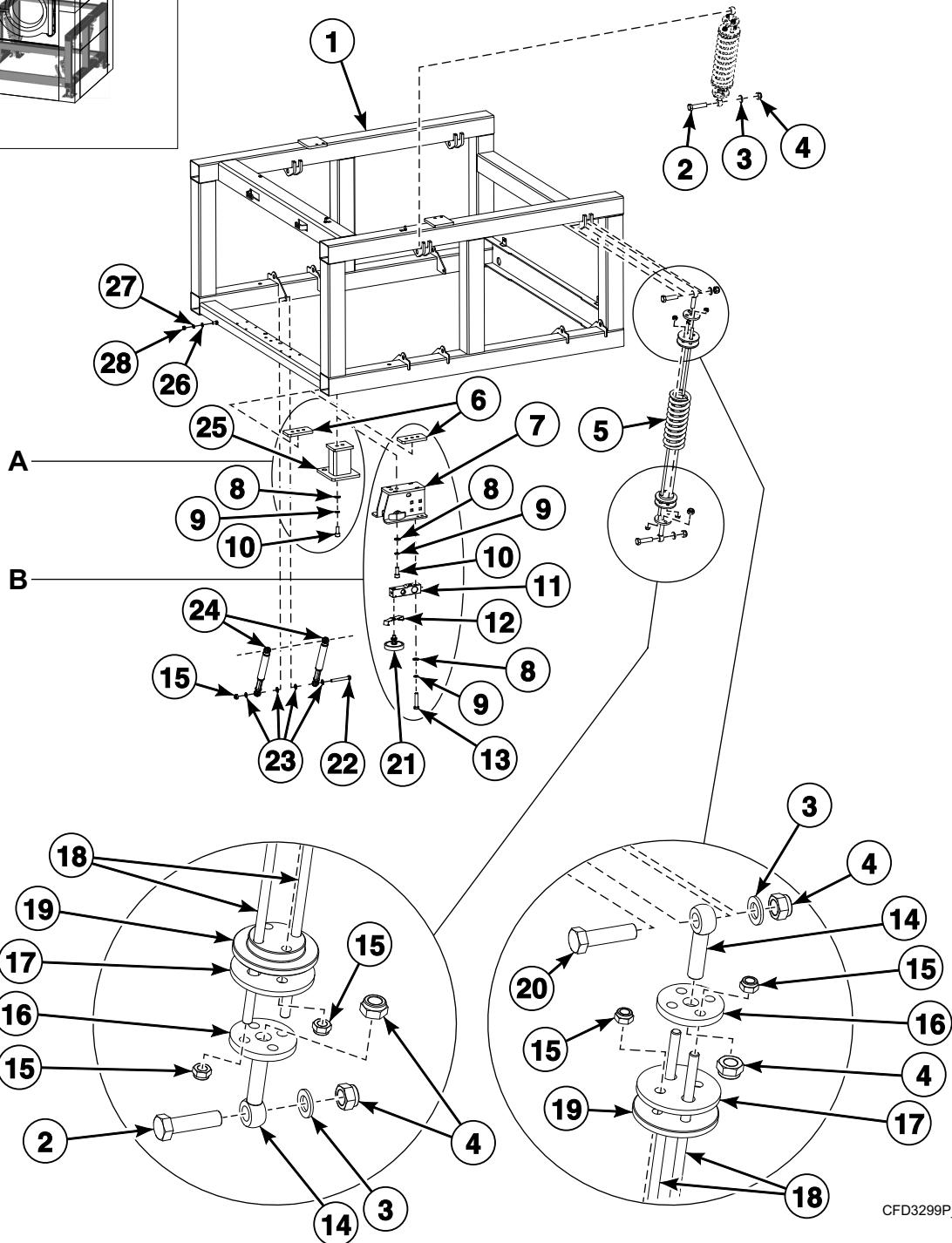
Information in this manual is applicable to these washer-extractor models:

AF350_PROFESSIONAL	NYX600T	IYM450V	PYC350V
AF450_PROFESSIONAL	NYY350T	IYM600V	PYC450V
AF600_PROFESSIONAL	NYY450T	IYH350V	PYC600V
FX350_X_CONTROL_PLUS	NYY600T	IYH450V	PYU350V
FX450_X_CONTROL_PLUS	NYY600T	IYH600V	PYU450V
FX600_X_CONTROL_PLUS	PYC350T	IYY350V	PYU600V
HY350_HC-200	PYC450T	IYY450V	PYM350V
HY450_HC-200	PYC600T	IYY600V	PYM450V
HY600_HC-200	PYH350T	IY350_EVOLIS_ELITE	PYM600V
HYC350F	PYH450T	IY450_EVOLIS_ELITE	PYH350V
HYC450F	PYH600T	IY600_EVOLIS_ELITE	PYH450V
HYC600F	PYX350T	SYC350V	PYH600V
HYH350F	PYX450T	SYC450V	PYY350V
HYH450F	PYX600T	SYC600V	PYY450V
HYH600F	PYY350T	SYU350V	PYY600V
HYX350F	PYY450T	SYU450V	FX350_X_CONTROL_FLEX_
HYX450F	PYY600T	SYU600V	PLUS
HYX600F	SYC350D	SYM350V	FX450_X_CONTROL_FLEX_
HYY350F	SYC450D	SYM450V	PLUS
HYY450F	SYC600D	SYM600V	FX600_X_CONTROL_FLEX_
HYY600F	SYH350D	SYH350V	PLUS
IY350_ARIES-ELITE	SYH450D	SYH450V	NYC350V
IY450_ARIES-ELITE	SYH600D	SYH600V	NYC450V
IY600_ARIES-ELITE	SYX350D	SYY350V	NYC600V
IYC350R	SYX450D	SYY450V	NYU350V
IYC450R	SYX600D	SYY600V	NYU450V
IYC600R	SYY350D	SY350_QUANTUM_TOU	NYU600V
IYH350R	SYY450D	CH	NYM350V
IYH450R	SYY600D	SY450_QUANTUM_TOU	NYM450V
IYH600R	UYC350I	CH	NYM600V
IYX350R	UYC450I	SY600_QUANTUM_TOU	NYH350V
IYX450R	UYC600I	CH	NYH450V
IYX600R	UYH350I	UYC350V	NYH600V
IYY350R	UYH450I	UYC450V	NYY350V
IYY450R	UYH600I	UYC600V	NYY450V
IYY600R	UYX350I	UYU350V	NYY600V
JLA100_ARIES_ELITE	UYX450I	UYU450V	AF350_GRAPHITRONIC_TO
JLA132_ARIES_ELITE	UYX600I	UYU600V	UCH
JLA80_ARIES_ELITE	UYY350I	UYM350V	AF450_GRAPHITRONIC_TO
NYC350T	UYY450I	UYM450V	UCH
NYC450T	UYY600I	UYM600V	AF600_GRAPHITRONIC_TO
NYC600T	IYC350V	UYH350V	UCH
NYH350T	IYC450V	UYH450V	SY350_QED-SELECT
NYH450T	IYC600V	UYH600V	SY450_QED-SELECT
NYH600T	IYU350V	UYY350V	SY600_QED-SELECT
NYX350T	IYU450V	UYY450V	UY350_PROFORM_TOUCH
NYX450T	IYU600V	UYY600V	UY450_PROFORM_TOUCH
	IYM350V		UY600_PROFORM_TOUCH

# Frame and Weighing System



A - Parts Without Weighing System  
B - Parts With Weighing System

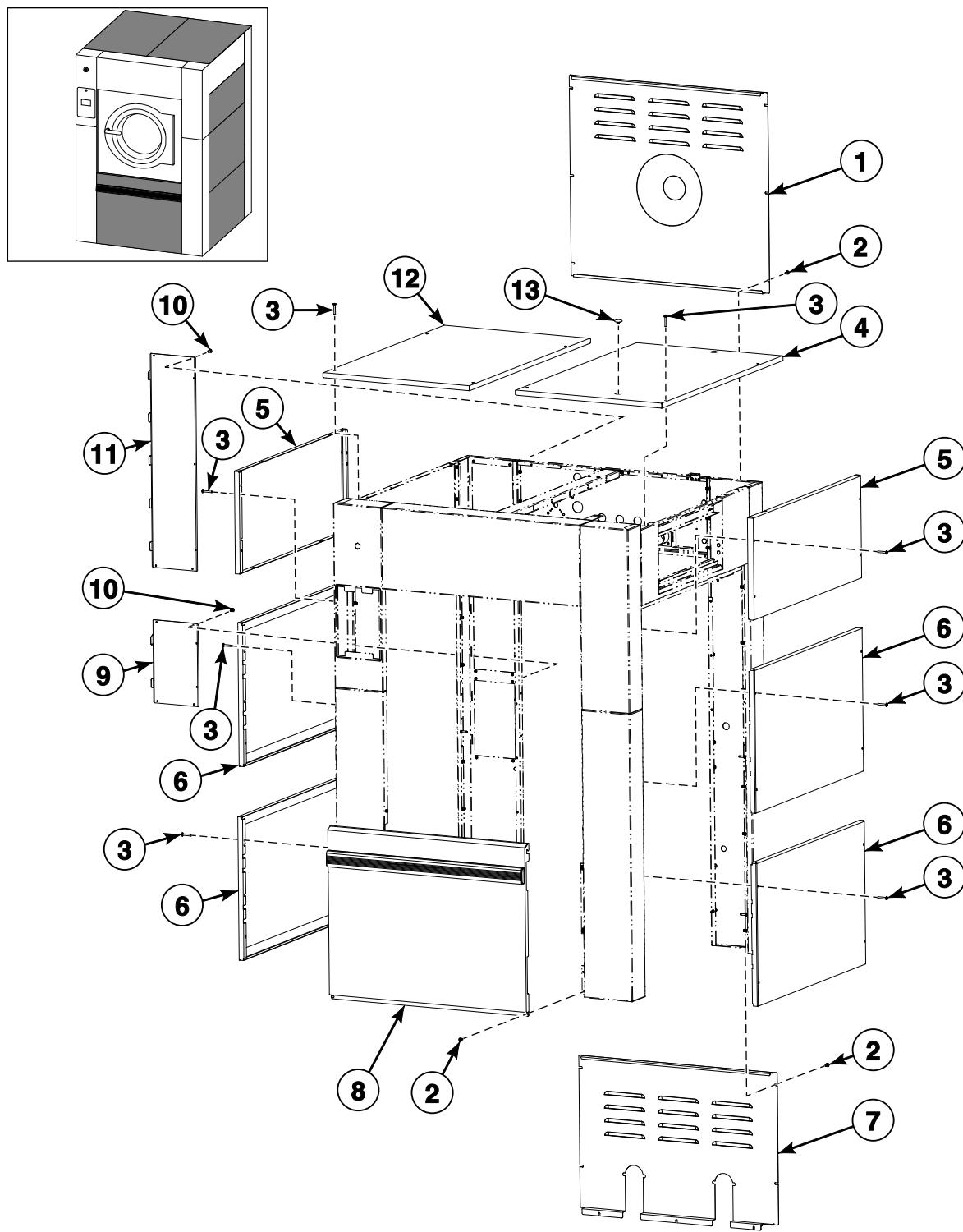


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# Frame and Weighing System

REF	PART NO.	DESCRIPTION	COMMENTS
	SPB01107500014	Spring Suspension	80 and 350 models
	SPF02101500014	Spring Hinge	100, 132, 450 and 600 models
	SP514101	Adhesive	Loctite 5069
	SP245704003021	Adhesive	Loctite 243
	573924	Weighing System Kit	80 and 350 models
	573925	Weighing System Kit	100, 132, 450 and 600 models
1	561510	Frame	80 and 350 models
	561501	Frame	100 and 450 models
	561514	Frame	132 and 600 models
2	SPF02101001114	Bolt	80 and 350 models
	SPF02101001214	Bolt	100, 132, 450 and 600 models
3	SP311125000017	Washer	17
4	SP310985000016	Nut	M16
5	SP315011020005	Spring	80 and 350 models
	SP315002005014	Spring	100, 132, 450 and 600 models
6	561672	Connection Plate	
7	564190	Foot	Front left, rear right; With weighing system
	564198	Foot	Front right, rear left; With weighing system
8	SP311125000013	Washer	13
9	SP311127000012	Washer	12
10	SP309912101230	Bolt	M12x30
11	SP529101	Load Sensor	With weighing system
12	SP552123	Clamp	With weighing system
13	SP309933001260	Bolt	M12x60; With weighing system
14	SP309444016070	Bolt	M16x70
15	SP310985000010	Nut	M10
16	SPF02101500214	Disk	
17	SPF02101500414	Packing Part	
18	SPF02101500324	Drawing Bar	
19	SPF02101500114	Sleeve	
20	SPF02101001114	Bolt	
21	SP516956	Adjustable Foot	With weighing system
22	SP309933001080	Bolt	M10x80
23	SP311125000010	Washer	M10-10.5/20/2
24	SP326269185250	Damper	80, 100, 350 and 450 models - 12 pieces; 132 and 600 models - 16 pieces
25	561673	Fixed Foot	Without weighing system
26	SP311125240008	Washer	8.4
27	SP311679824008	Washer	8
28	SP310934240008	Nut	M8

## Cabinet (Drawing 1 of 2)

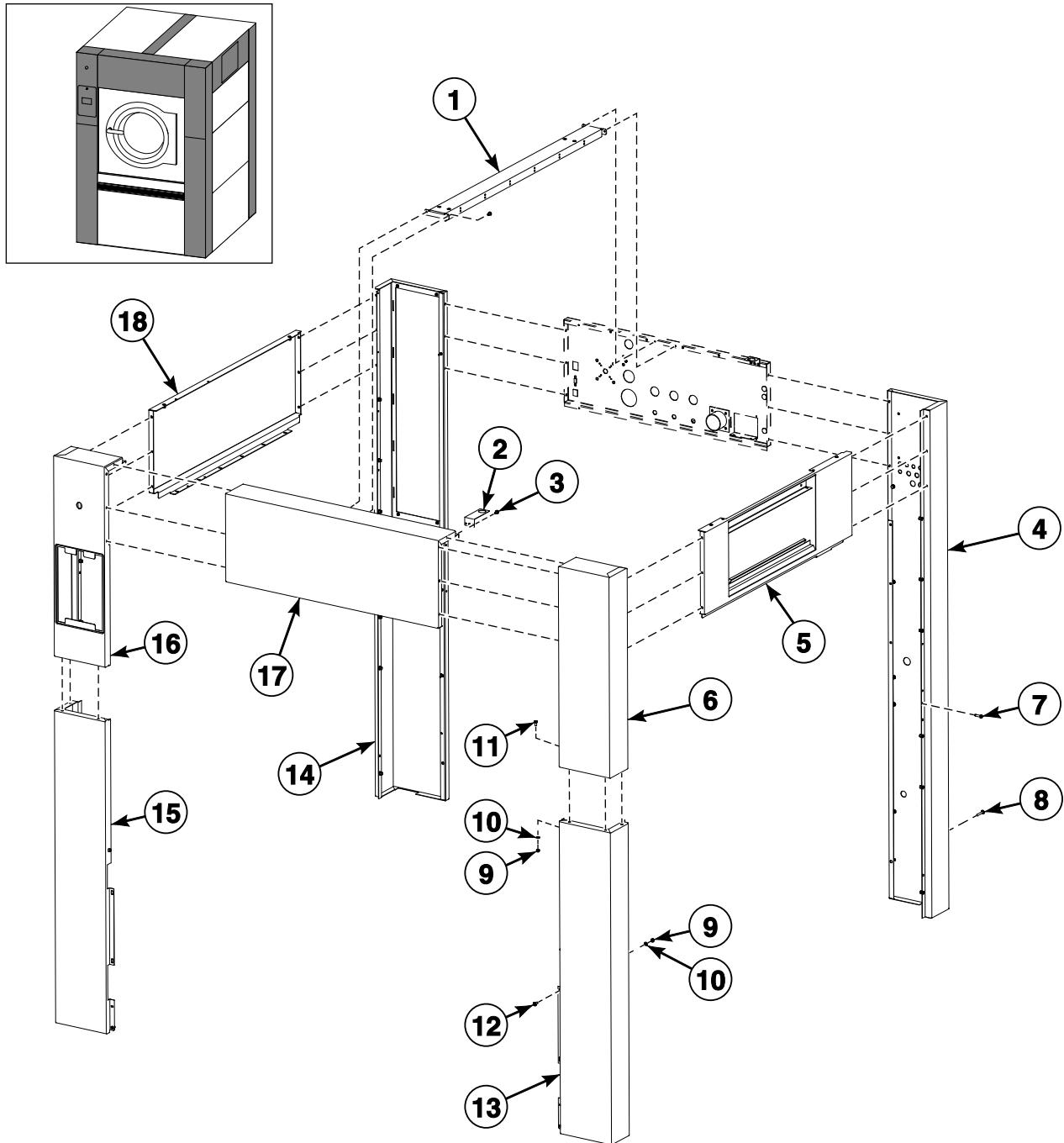


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# Cabinet (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	561434	Rear Cover	Upper ; Through Serial No. 350FX000373QM, 450FX000412QM, 600FX000667QM
	569509	Rear Cover	Upper; With noise isolation; Through Serial No. 350FX000373QM, 450FX000412QM, 600FX000667QM
	573241	Rear Cover	Upper; Starting Serial No. 350FX000374QM, 450FX000413QQ, 600FX000668QM
	573247	Rear Cover	Upper; With noise isolation Starting Serial No. 350FX000374QM, 450FX000413QQ, 600FX000668QM
2	SP555658	Bolt	M6x16
3	561307	Bolt	M6x40
4	561459	Top Cover	Right; 80 and 350 models
	569501	Top Cover	Right; 80 and 350 models; With noise isolation
	561480	Top Cover	Right; 100, 132, 450 and 600 models
	569502	Top Cover	Right; 100, 132, 450 and 600 models; With noise isolation
5	561456	Side Cover	Upper; 80 and 350 models
	564297	Side Cover	Upper; 80 and 350 models; With noise isolation
	561477	Side Cover	Upper; 100, 132, 450 and 600 models
	564298	Side Cover	Upper; 100, 132, 450 and 600 models; With noise isolation
6	561453	Side Cover	80 and 350 models
	564293	Side Cover	80 and 350 models; With noise isolation
	561474	Side Cover	100, 132, 450 and 600 models
	564294	Side Cover	100, 132, 450 and 600 models; With noise isolation
7	561438	Rear Cover	Lower
	569511	Rear Cover	Lower; With noise isolation
8	566767	Lower Cover	Front
	564290	Lower Cover	Front; With noise isolation
9	562793	Rear Panel Lid	Lower
10	SP555504	Bolt	M4x12
11	562789	Rear Panel Lid	Upper
12	566750	Top Cover	Left; 80 and 350 models
	569505	Top Cover	Left; 80 and 350 models; With noise isolation
	566752	Top Cover	Left; 100, 132, 450 and 600 models
	569506	Top Cover	Left; 100, 132, 450 and 600 models; With noise isolation
13	SP345900032132	Plug	Without soap hopper

## Cabinet (Drawing 2 of 2)

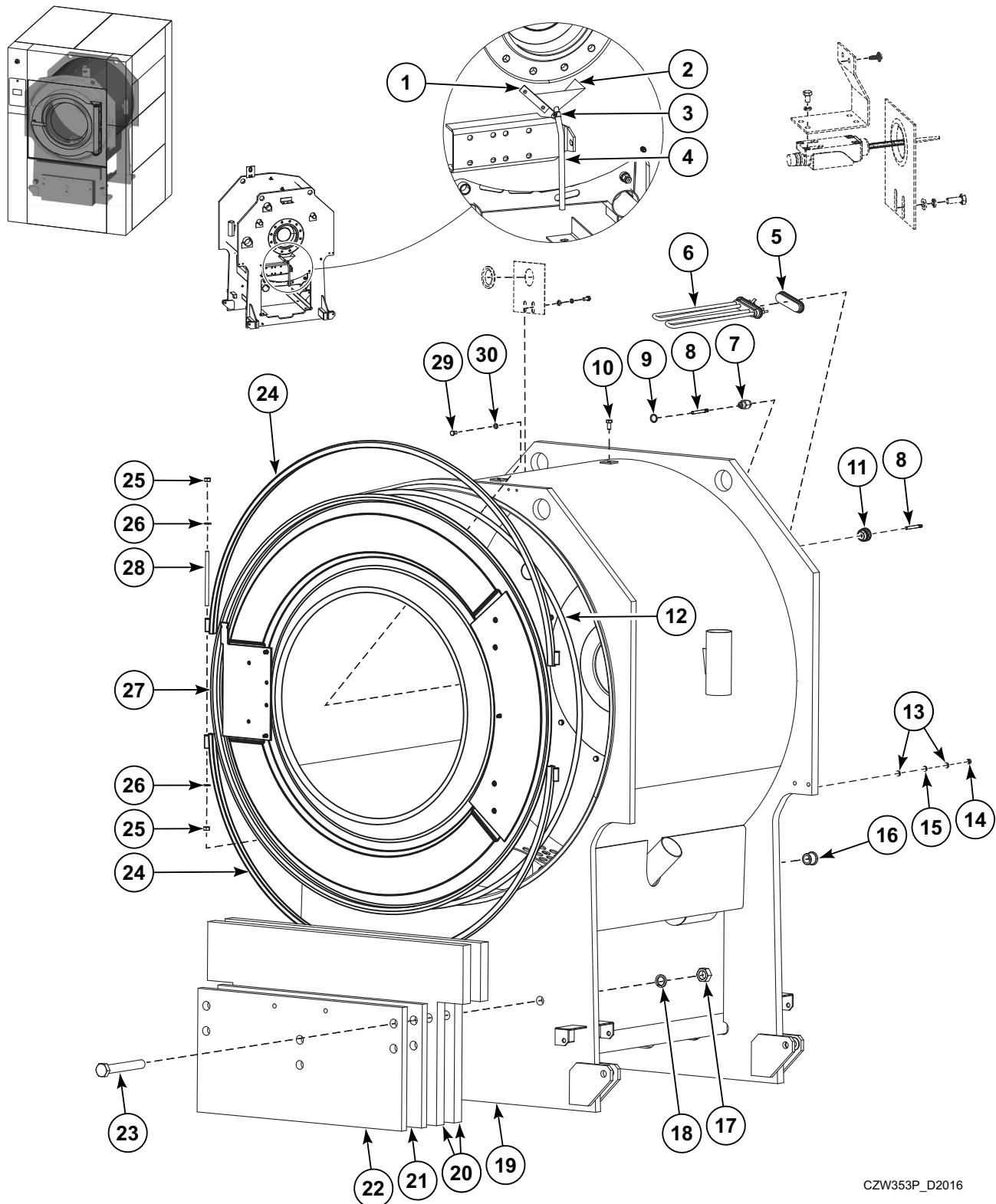


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## Cabinet (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	561462	Support Cover	80 and 350 models
	561483	Support Cover	100, 132, 450 and 600 models
2	562845	Holder Hose	Used with soap hopper
3	SP529206	Screw	M4x11; Used with soap hopper
4	561330	Leg	Right rear
5	561447	Side Panel	Right; 80 and 350 models; With soap hopper
	561444	Side Panel	Right; 80 and 350 models; Without soap hopper
	569517	Side Panel	Right; 80 and 350 models; With soap hopper and noise isolation
	569513	Side Panel	Right; 80 and 350 models; Without soap hopper and noise isolation
	561468	Side Panel	Right; 100, 132, 450 and 600 models; With soap hopper
6	561465	Side Panel	Right; 100, 132, 450 and 600 models; Without soap hopper
	569518	Side Panel	Right; 100, 132, 450 and 600 models; With soap hopper and noise isolation
	569514	Side Panel	Right; 100, 132, 450 and 600 models; Without soap hopper and noise isolation
7	561486	Leg Extension	Right front; FX and PY models; Black
	566774	Leg Extension	Right front; JLA models; Stainless steel
	566770	Leg Extension	Right front; AF and NY models; Painted
8	SP506427	Bolt	6.3x19
9	561307	Bolt	M6x40
10	SP310985000006	Nut	M6
11	SP311125000006	Washer	M6-6.4/12/1.6
12	SP309933000612	Bolt	M6x12
13	555658	Bolt	M6x16
14	561326	Leg	Right front
15	561328	Cover	Left rear
16	561324	Cover	Left front
17	561489	Leg Extension	Left front; FX and PY models; Black
	566772	Leg Extension	Left front; AF and NY models; Painted
	566776	Leg Extension	Left front; JLA models; Stainless steel
18	561493	Cover	Upper front; FX, IY and PY models; Black
	569522	Cover	Upper front; FX, IY and PY models; Black; With noise isolation
	566778	Cover	Upper front; AF and NY models; Painted
	569523	Cover	Upper front; AF and NY models; Painted; With noise isolation
	569524	Cover	Upper front; JLA models; With noise isolation
19	561444	Side Panel	Left; 80 and 350 models
	569513	Side Panel	Left; 80 and 350 models; With noise isolation
	561465	Side Panel	Left; 100, 132, 450 and 600 models
	569514	Side Panel	Left; 100, 132, 450 and 600 models; With noise isolation

## Tub, Vibration Switch and Front Panel (Drawing 1 of 2)

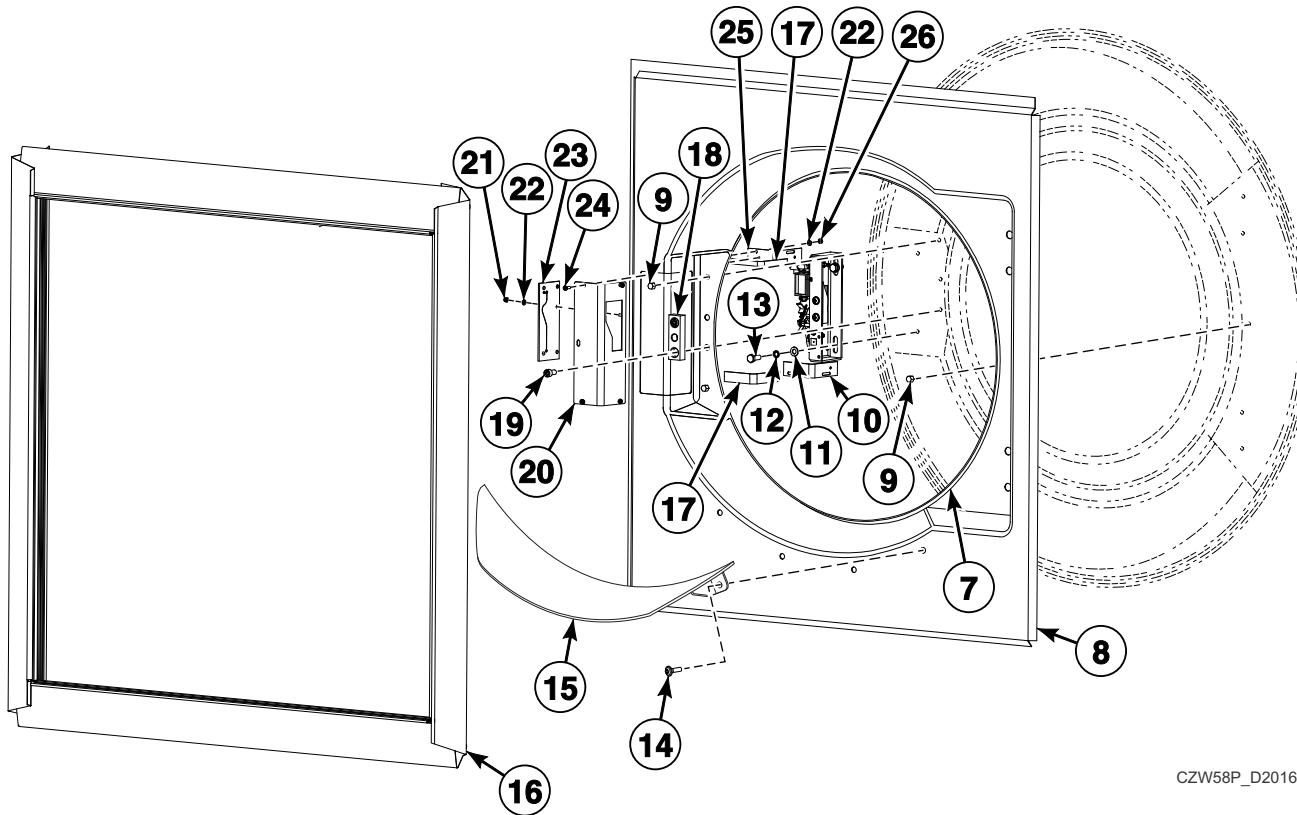
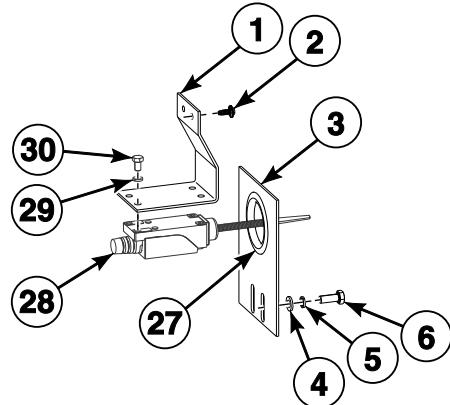
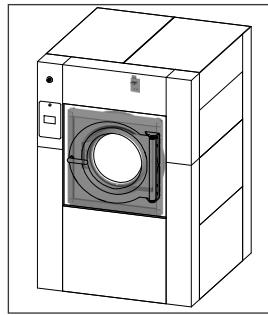


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# Tub, Vibration Switch and Front Panel (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	SPPRI704000053	Sealant	
	571516	Heating Wiring	80 and 350 models
	571517	Heating Wiring	80 and 350 models, 200-240V; 100, 132, 450 and 600 models, 380-415V, 440-480V
	571518	Heating Wiring	100, 132, 450 and 600 models
1	SP313250004007	Rivet	80 and 350 models
2	223106200014	Box	80 and 350 models
	100097	Sealing	80 and 350 models
3	SPPRI240000002	Hose Clamp	80 and 350 models
4	SP286125020211	Hose	80 and 350 models
5	SPPRI342001016	Heating Element Hole Plug	Steam heating
6	SP540131	Heating Element	80 and 350 models; Electric heating 4000W/220V; l=350mm
	SP540132	Heating Element	100, 132, 450 and 600 models; Electric heating 6000W/220V; l=470mm
7	SPPRI614000047	Thermostat Sensor Holder	Through Serial Nos. 350FX000431SD, 450FX000526SD and 600FX000794SD
8	SP503839	Temperature Sensor	
9	SPPRI524000001	Sealing Ring	Through Serial Nos. 350FX000431SD, 450FX000526SD and 600FX000794SD
10	SP309933240815	Bolt	M8x15
11	573243	Thermostat Sensor Holder	Starting Serial Nos. 350FX000432SD, 450FX000527SD and 600FX000795SD
12	SP273222012025	Sealing	80, 100, 350 and 450 models, 3.3m; 132 and 600 models, 3.7m
13	SP311125240006	Washer	6
14	SP310934240006	Nut	M6
15	SP311679824006	Washer	6
16	SP319428324805	Plug	3/4 inch; Electric heating
17	SP310934000020	Nut	100, 132, 450 and 600 models; M20
18	SP311127000020	Washer	100, 132, 450 and 600 models; 20
19	561521	Tub	80 and 350 models
	560011	Tub	100 and 450 models
	560031	Tub	100, 132, 450 and 600 models
20	SPF02104000514	Weight	Large; 100, 132, 450 and 600 models
21	564199	Weight	Small; 100, 132, 450 and 600 models
22	561638	Weight	Small; 100, 132, 450 and 600 models
23	SP309931020150	Bolt	100, 132, 450 and 600 models; M20x150
24	SPF02119000014	Clip	80, 100, 350 and 450 models
	563224	Clip	132 and 600 models
25	SP310934240008	Nut	M8
26	SP311125240008	Washer	8
27	563237	Tub Facia Panel	80, 100, 350 and 450 models
	560004	Tub Facia Panel	132 and 600 models
28	SPF02119000415	Bolt	M8
29	SP309933240612	Bolt	M6x12
30	SP311125200006	Washer	6

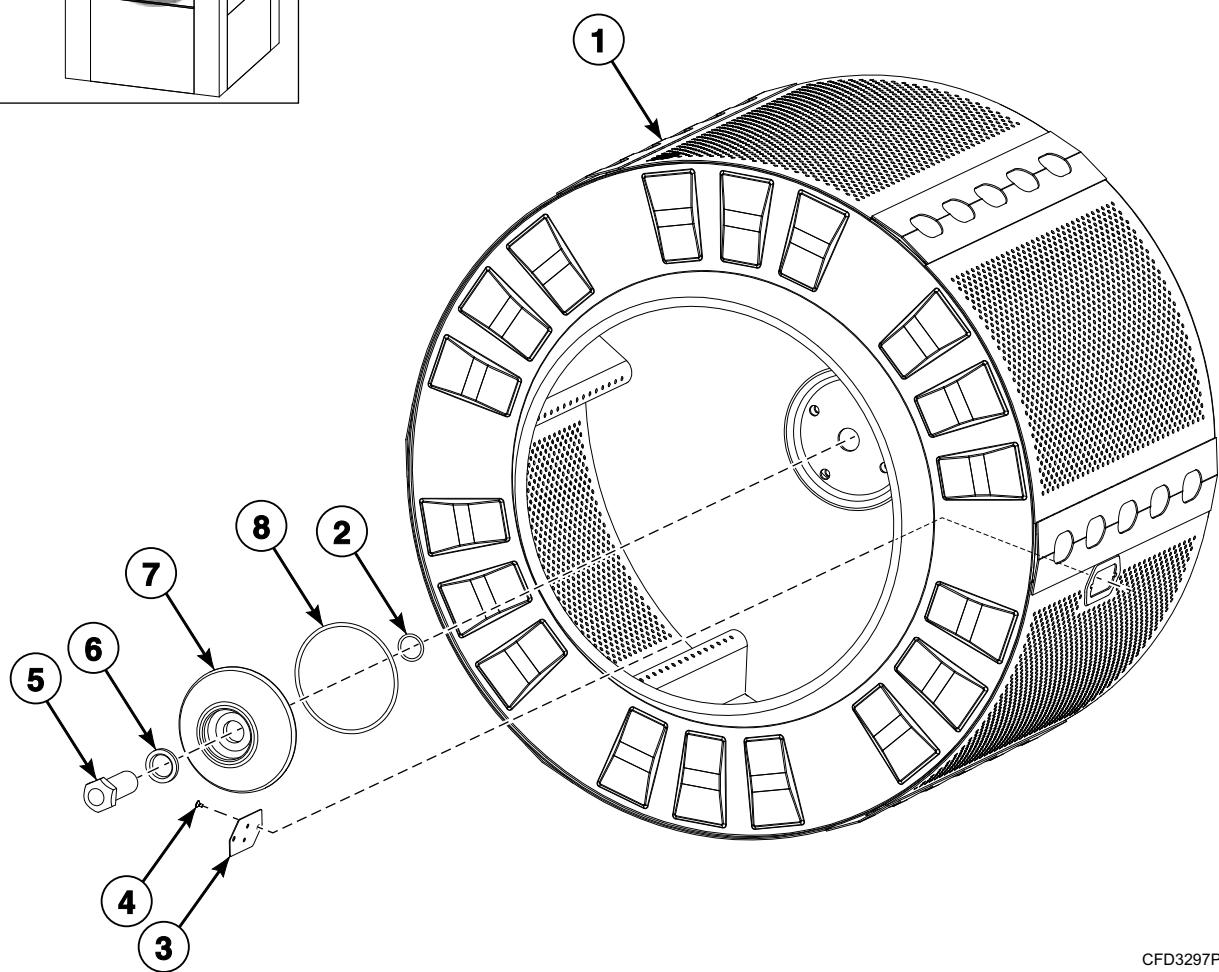
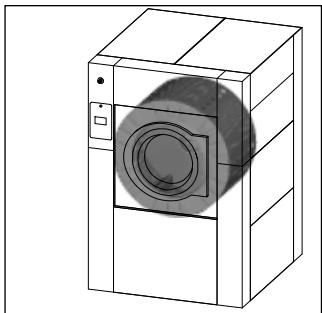
## Tub, Vibration Switch and Front Panel (Drawing 2 of 2)



## Tub, Vibration Switch and Front Panel (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	SPPRI704000053	Sealant	
	564553	Vibration Switch Cable	
1	563365	Vibration Switch Holder	80, 100, 350 and 450 models
	563366	Vibration Switch Holder	132 and 600 models
2	SP529206	Screw	M4x11
3	562551	Limiter	350 models
	562552	Limiter	450 models
	562553	Limiter	132 and 600 models
4	SP311125000006	Washer	M6-6.4/12/1.6
5	SP311127000006	Washer	6
6	SP309933000616	Bolt	M6x16
7	SPPRI505000058	Profiled Sealing	
8	563346	Front Panel Assembly	FX, IY, JLA and PY models; Black; Includes 563342 Lock Cover
	568868	Front Panel Assembly	FX, IY, JLA, PY 100, 132, 450 and 600 models; Black; Used with tilting system; Includes 563342 Lock Cover and items 14 and 15
	563388	Front Panel Assembly	AF and NY models; Painted; Includes 563399 Lock Cover
	568869	Front Panel Assembly	AF, NY 450 and 600 models; Painted; Used with tilting system; Includes 563399 Lock Cover and items 14 and 15
	563345	Front Panel Assembly	Stainless steel; Includes 563341 Lock Cover
	568867	Front Panel Assembly	450 and 600 models; Stainless steel; Used with tilting system; Includes 563341 Lock Cover and items 14 and 15
9	SP310917240006	Nut	M6
10	563398	Bottom Strip	
11	SP311125240008	Washer	8
12	SP311127240008	Washer	8
13	SP309933240822	Bolt	M8x22
14	537865	Bolt	100, 132, 450 and 600 models; M6x20; Used with tilting system
15	568818	Slider Assembly	100, 132, 450 and 600 models; Used with tilting system; Includes item 14
16	563395	Finger Protection	
17	SP284000012003	Tape	Self-adhesive
18	SPF02100020114	Centering Block	
19	SP309912000815	Bolt	M8x15
20	563341	Lock Cover	Stainless steel
	563342	Lock Cover	FX, IY, JLA and PY models; Black
	563399	Lock Cover	AF and NY models; Painted
21	SP514193	Nut	M4
22	SP311125000004	Washer	M4-4.3/9/0.8
23	563344	Collar	
24	SP555504	Bolt	M4x12
25	563351	Upper Strip	
26	SP310934000004	Nut	M4
27	SPPRI505000058	Profiled Sealing	
28	564507	Vibration Switch	
29	SP311127000005	Washer	5
30	SP521260	Bolt	M5x8

# Drum

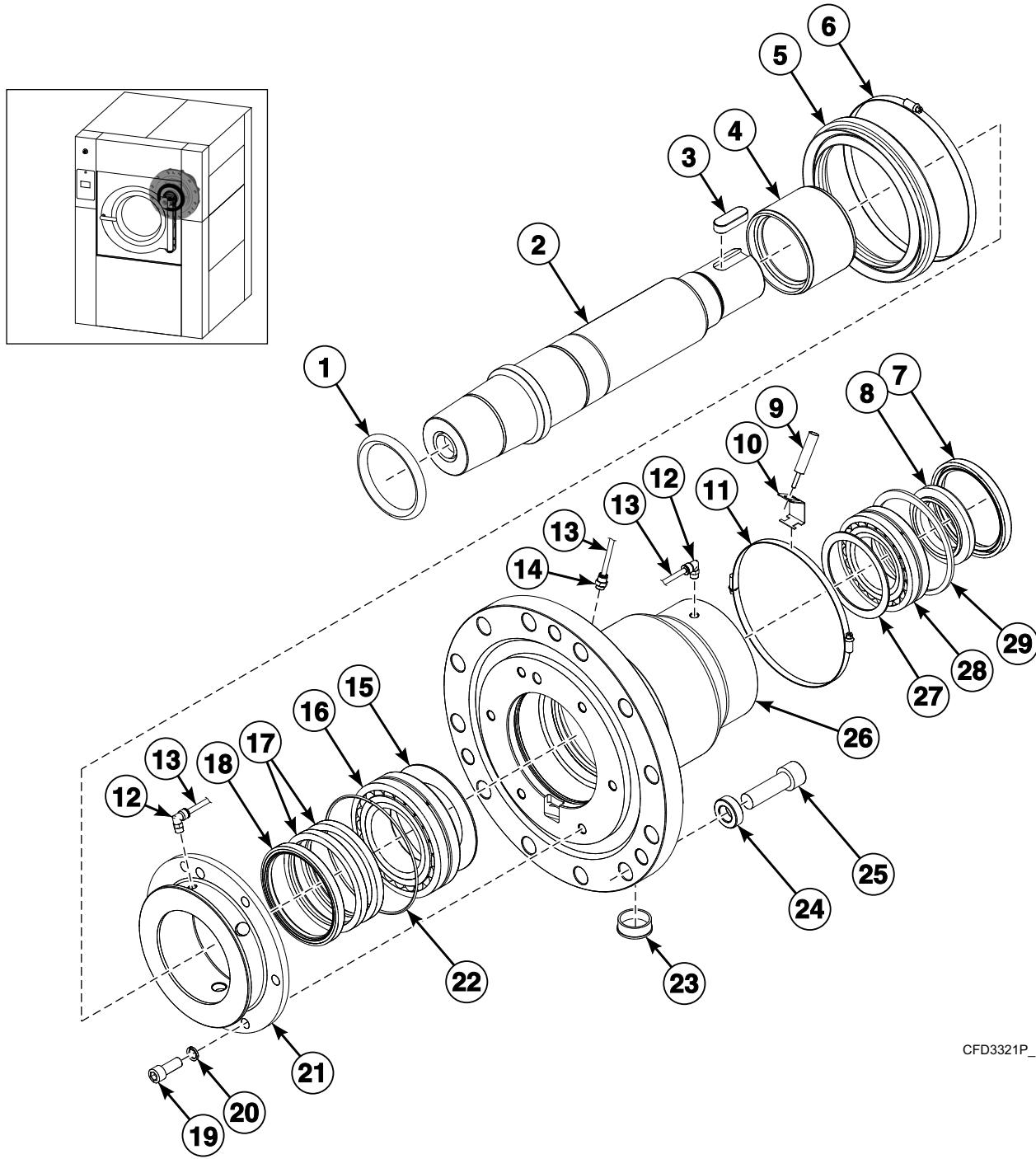


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## Drum

REF	PART NO.	DESCRIPTION	COMMENTS
1	560050	Drum	FX and PY 350 models
	559970	Drum	FX and PY 450 models
	559990	Drum	FX and PY 600 models
	563215	Drum	AF, HY, IY, JLA80, NY, SY and UY 350 models
	563216	Drum	AF, HY, IY, JLA100, NY, SY and UY 450 models
	563217	Drum	AF, HY, IY, JLA132, NY, SY and UY 600 models
2	SP273111030035	O-Ring	
3	SP223103300014	Cover	Small
4	SP309966240408	Bolt	M4x8
5	SPF02100021114	Bolt	
6	SP529753	Washer	
7	SPF02100021214	Washer	
8	SP273111140005	O-Ring	

## Trunnion - 80 and 350 Models

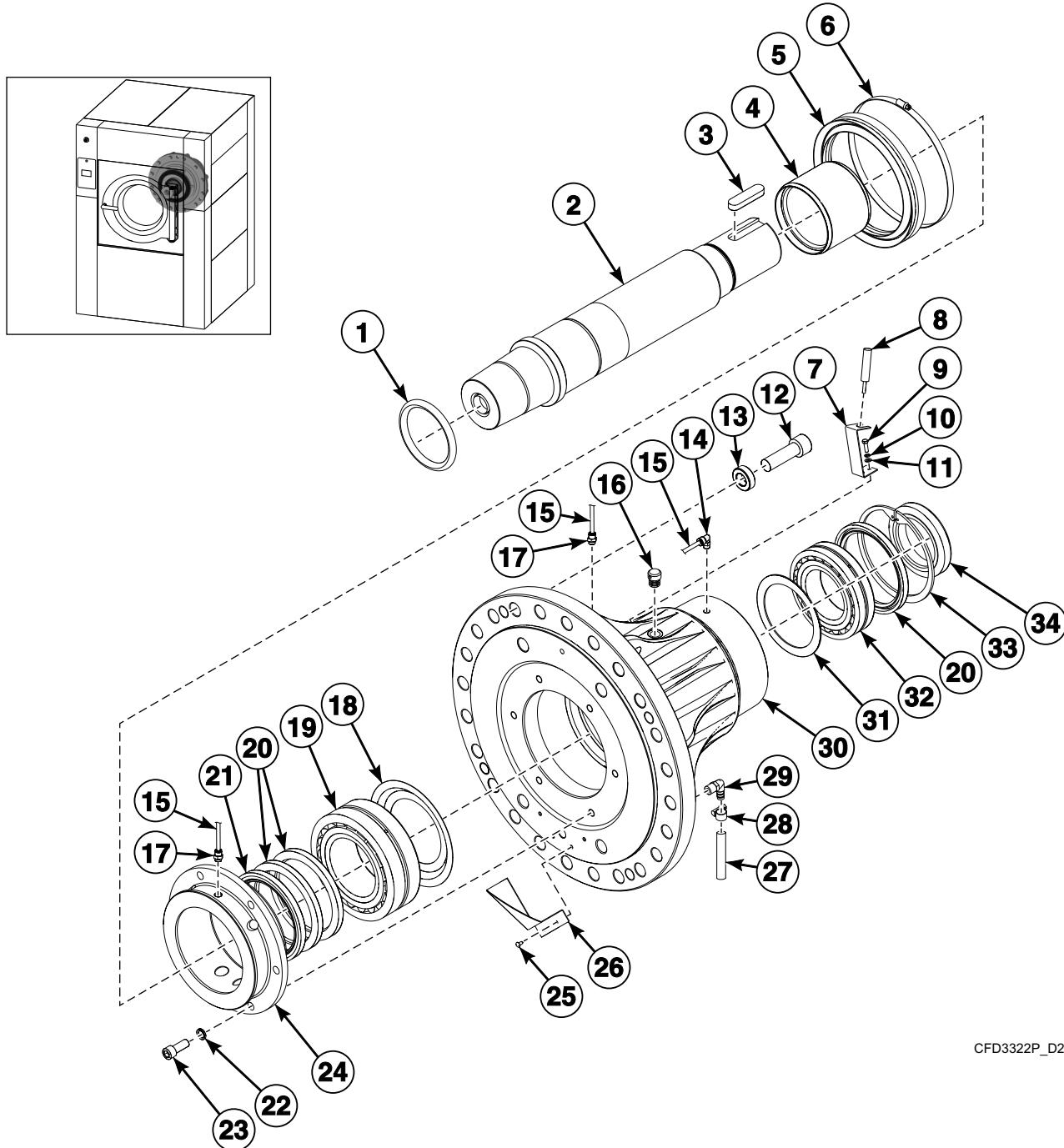


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## Trunnion - 80 and 350 Models

REF	PART NO.	DESCRIPTION	COMMENTS
	560059	Bearing House	
	SP245704003021	Adhesive	Loctite 243; Used with item 19
	538950	Bearing Housing Replacement Tool Kit	
<b>1</b>	SP273222012025	Sealing	
<b>2</b>	559996	Shaft	
<b>3</b>	563229	Wedge	18x11x50
<b>4</b>	560048	Ring	
<b>5</b>	563238	Bearing House Sealing	
<b>6</b>	SP540240200220	Clip	
<b>7</b>	563226	Seal	100x125x12
<b>8</b>	560047	Distance Ring	
<b>9</b>	SP557701	Speed Sensor	
<b>10</b>	SP560733	Speed Sensor Holder	
<b>11</b>	SPPRI240000005	Hose Clamp	
<b>12</b>	SP319428330060	Pipe Nipple	L6; G 1/8
<b>13</b>	SP283351220111	Hose	
<b>14</b>	SP560729	Fitting	6-M10x1
<b>15</b>	560045	Lubricant Holder	
<b>16</b>	PRI608000066	Bearing	
<b>17</b>	563227	Seal	110x130x12
<b>18</b>	563228	Seal	110x130x12
<b>19</b>	SP309912101230	Bolt	M12x30
<b>20</b>	SP311127000012	Washer	12
<b>21</b>	560049	Cover	Front
	SPPRI704000053	Sealant	
<b>22</b>	SP273111150003	O-Ring	
<b>23</b>	SP321848503046	Plug	
<b>24</b>	SPF02105002515	Washer	20
<b>25</b>	SP309912121265	Bolt	M20x65
<b>26</b>	560058	Bearing House	
<b>27</b>	560046	Lubricant Holder	
<b>28</b>	SPPRI608000065	Bearing	
<b>29</b>	563230	Retaining Ring	125

## Trunnion - 100, 132, 450 and 600 Models

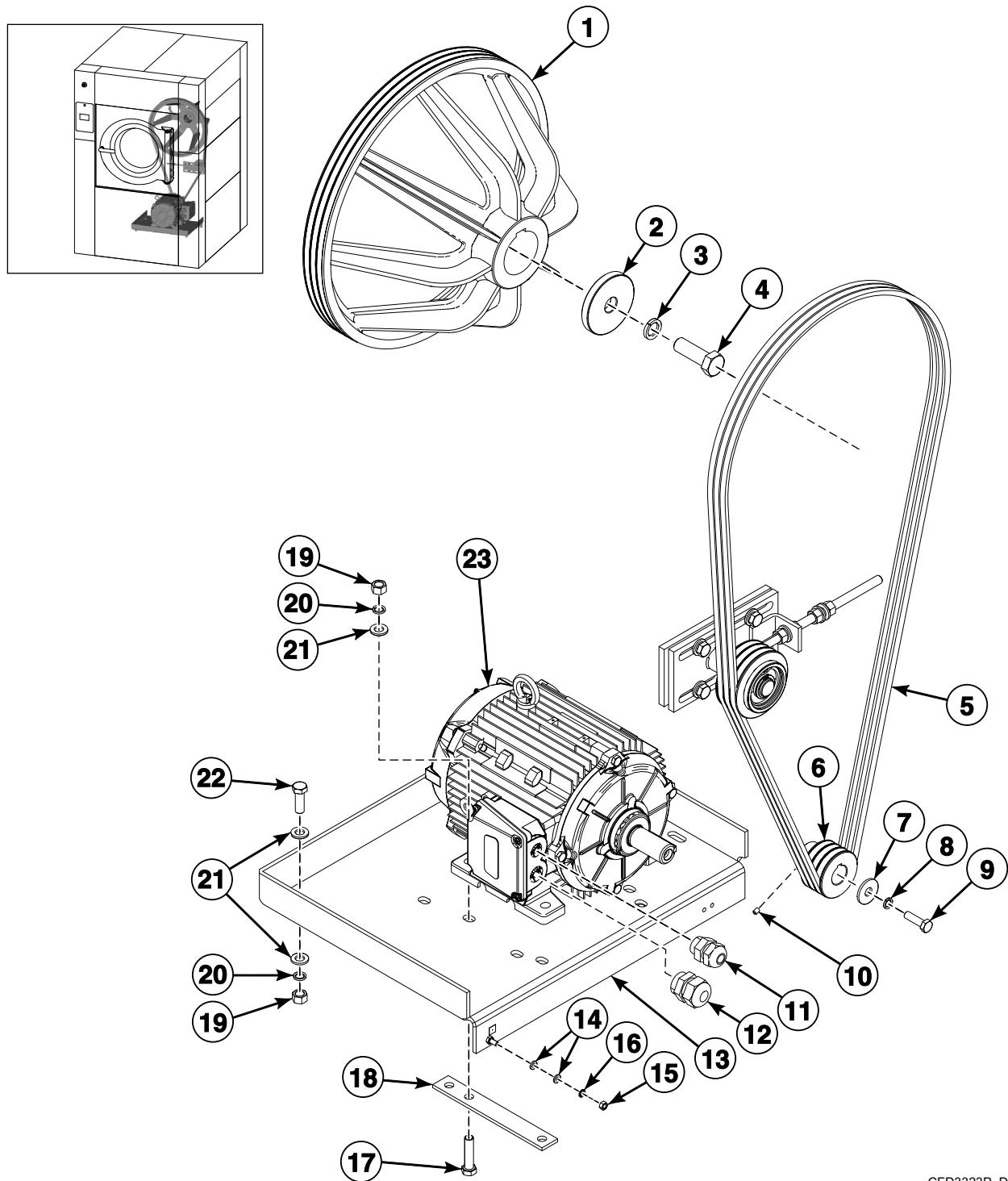


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## Trunnion - 100, 132, 450 and 600 Models

REF	PART NO.	DESCRIPTION	COMMENTS
	560000	Bearing House	
	SP245704003021	Adhesive	Loctite 243; Used with item 23
	538950	Bearing Housing Replacement Tool Kit	
1	SP273222012025	Sealing	
2	559976	Shaft	
3	SP526810	Wedge	18x11x70
4	559980	Ring	
5	SP273111995417	Bearing House Seal	
6	SP540240200220	Clip	
7	564401	Speed Sensor Holder	
8	SP557701	Speed Sensor	
9	SP309933000516	Bolt	M5x16
10	SP311127000005	Washer	5
11	SP311125000005	Washer	M5-5.3/10/1
12	SP309912121265	Bolt	M20x65
13	SPF02105002515	Washer	20
14	SP319428330060	Pipe Nipple	L6; G 1/8
15	SP283351220111	Hose	
16	SP223105002314	Plug	
17	SP560729	Fitting	6-M10x1
18	559986	Lubricant Holder	
19	563234	Bearing	
20	563232	Seal	120x150x12
21	563233	Seal	120x150x12
22	SP311127000012	Washer	12
23	SP309912101230	Bolt	M12x30
24	559984	Cover	Front
25	SP313250004007	Rivet	
26	SPF02105001313	Box	
	100097	Sealing	
27	SP286125020211	Hose	
28	SPPRI24000002	Hose Clamp	
29	568811	Screw	
30	560001	Bearing House	
31	560025	Lubricant Holder	
32	PRI608000066	Bearing	
33	563231	Retaining Ring	150
34	559983	Distance Ring	

## Drive - 80 and 350 Models

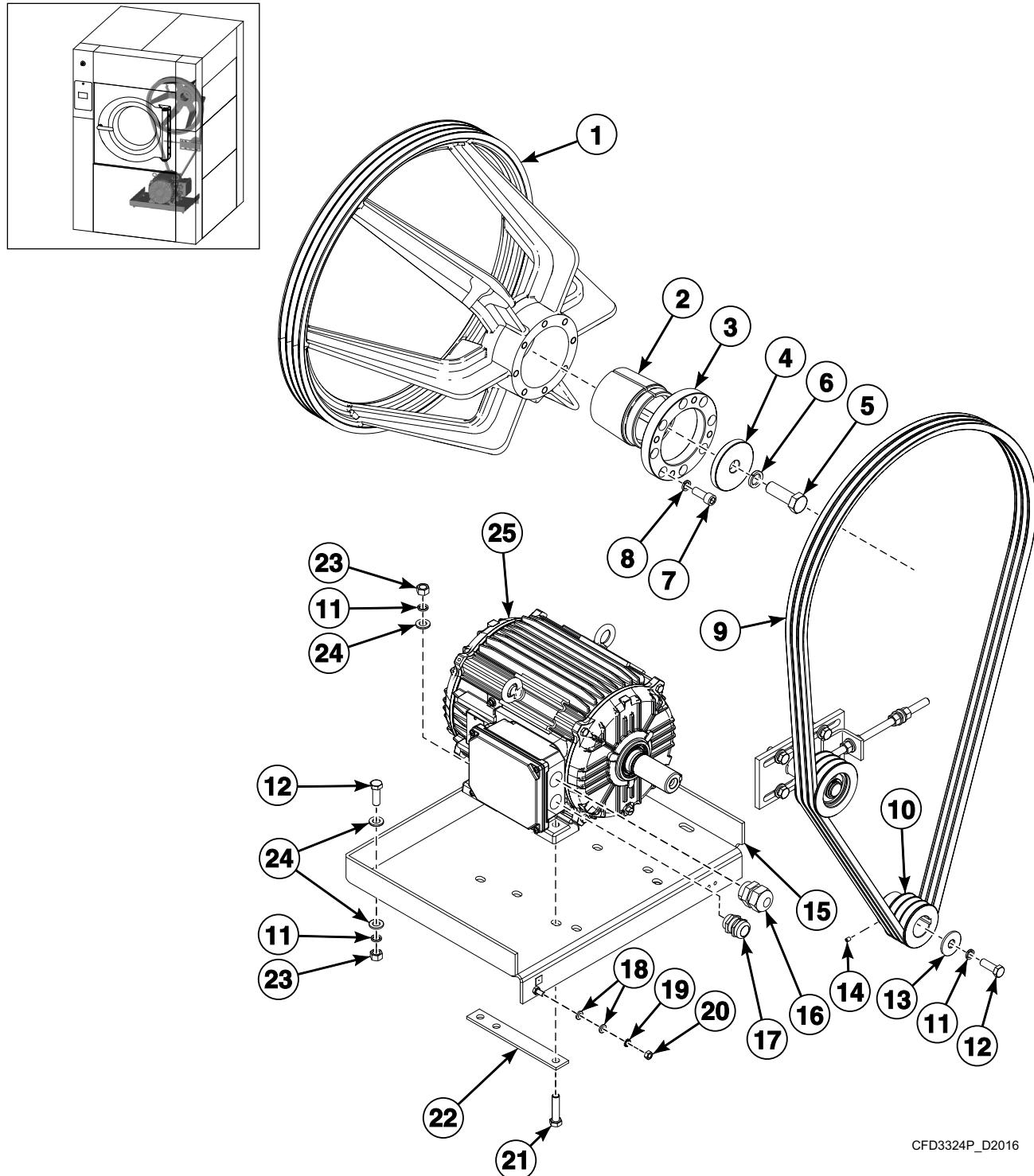


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## Drive - 80 and 350 Models

REF	PART NO.	DESCRIPTION	COMMENTS
	571510	Motor Cable	
	561317	Drive	
	SP245704003021	Adhesive	Used with item 4
1	561389	Pulley	
2	SPF02105002715	Washer	
3	SP311127000020	Washer	20
4	SP309931020060	Bolt	M20x60
5	563438	Belt	
6	564402	Motor Pulley	
7	SP311902100012	Washer	12
8	SP311127000010	Washer	10
9	SP309933001035	Bolt	M10x35
10	SP309913000610	Bolt	M6x10
11	SP101407	Bushing	M20
12	528224	Cable Bushing	M25
13	561310	Drive Board	
14	SP311125240006	Washer	6
15	SP310934240006	Nut	M6
16	SP311679824006	Washer	6
17	SP309933001250	Bolt	M12x50
18	SPF07102001314	Washer	Through Serial No. 350FX000272MW
	SP311902100012	Washer	12; Starting Serial No. 350FX000273MW
19	SP310934000012	Nut	M12
20	SP311127000012	Washer	12
21	SP311125000013	Washer	13
22	SP309933001235	Bolt	M12x35
23	564648	Motor	

## Drive - 100, 132, 450 and 600 Models

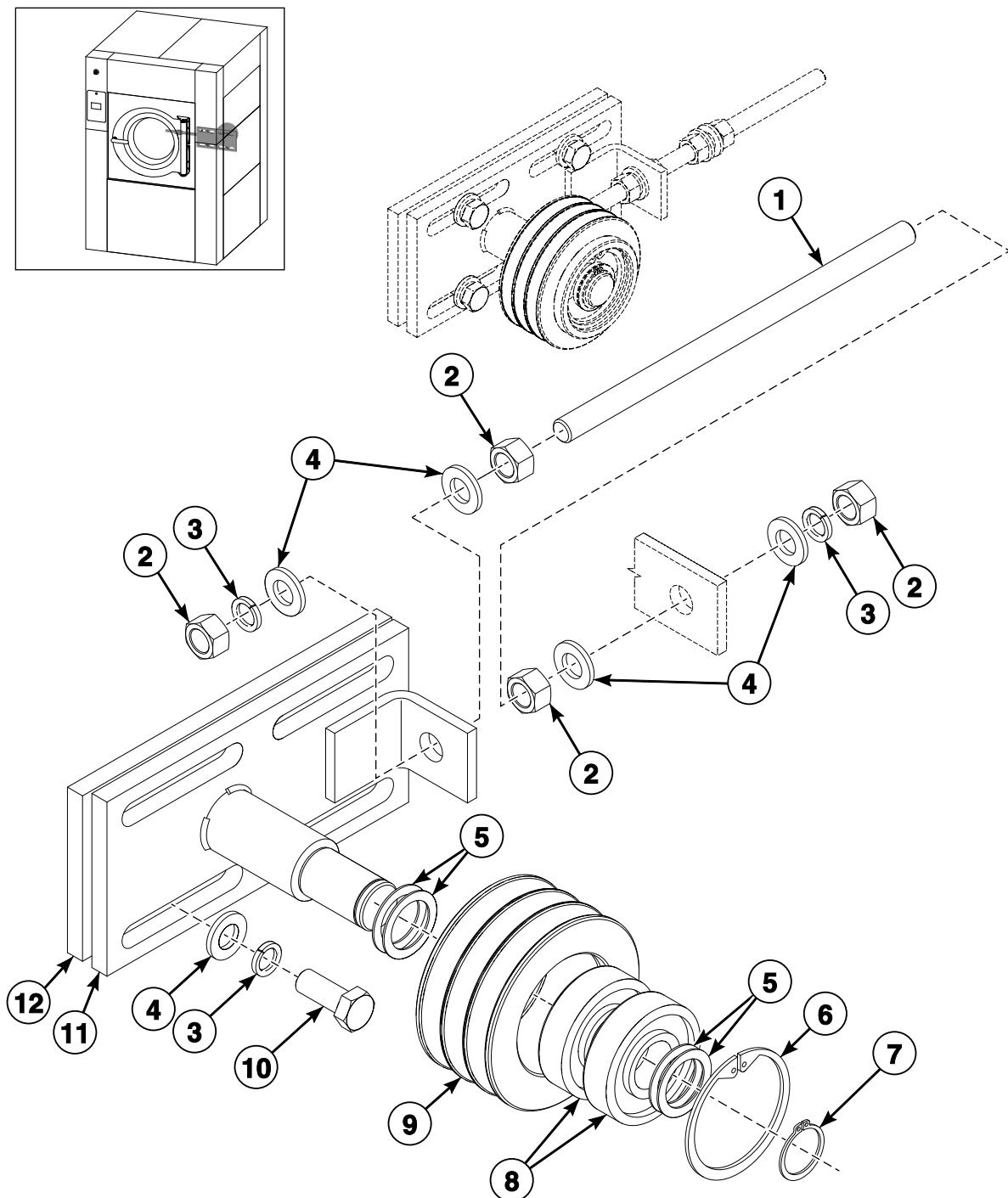


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## Drive - 100, 132, 450 and 600 Models

REF	PART NO.	DESCRIPTION	COMMENTS
	571512	Motor Cable	200-240V
	571511	Motor Cable	380-480V
	561308	Drive	100 and 450 models
	561322	Drive	132 and 600 models
	SP245704003021	Adhesive	Loctite 243; Used with items 5 and 7
1	SPF02105000513	Pulley	
2	SPF02105002113	Clamping Sleeve	
3	SPF02105002213	Nut	
4	SPF02105002715	Washer	
5	SP309931020060	Bolt	M20x60
6	SP311127000020	Washer	20
7	SP309912101230	Bolt	M12x30
8	SP506518	Washer	12
9	563437	Belt	100 and 450 models
	SP529776	Belt	132 and 600 models
10	564403	Motor Pulley	
11	SP311127000012	Washer	12
12	SP309933001235	Bolt	M12x35
13	SP311902100014	Washer	14
14	SP309913000610	Bolt	M6x10
15	561310	Drive Board	
16	528224	Cable Bushing	M25
17	528033	Cable Bushing	M25
18	SP311125240006	Washer	6
19	SP311679824006	Washer	6
20	SP310934240006	Nut	M6
21	SP309933001250	Bolt	M12x50
22	SPF07102001314	Washer	Through Serial No. 450FX000328MW, 600FX000533MW
	SP311902100012	Washer	12; Starting Serial No. 450FX000329MW, 600FX000534MW
23	SP310934000012	Nut	M12
24	SP311125000013	Washer	13
25	564508	Motor	

# Tensioning System

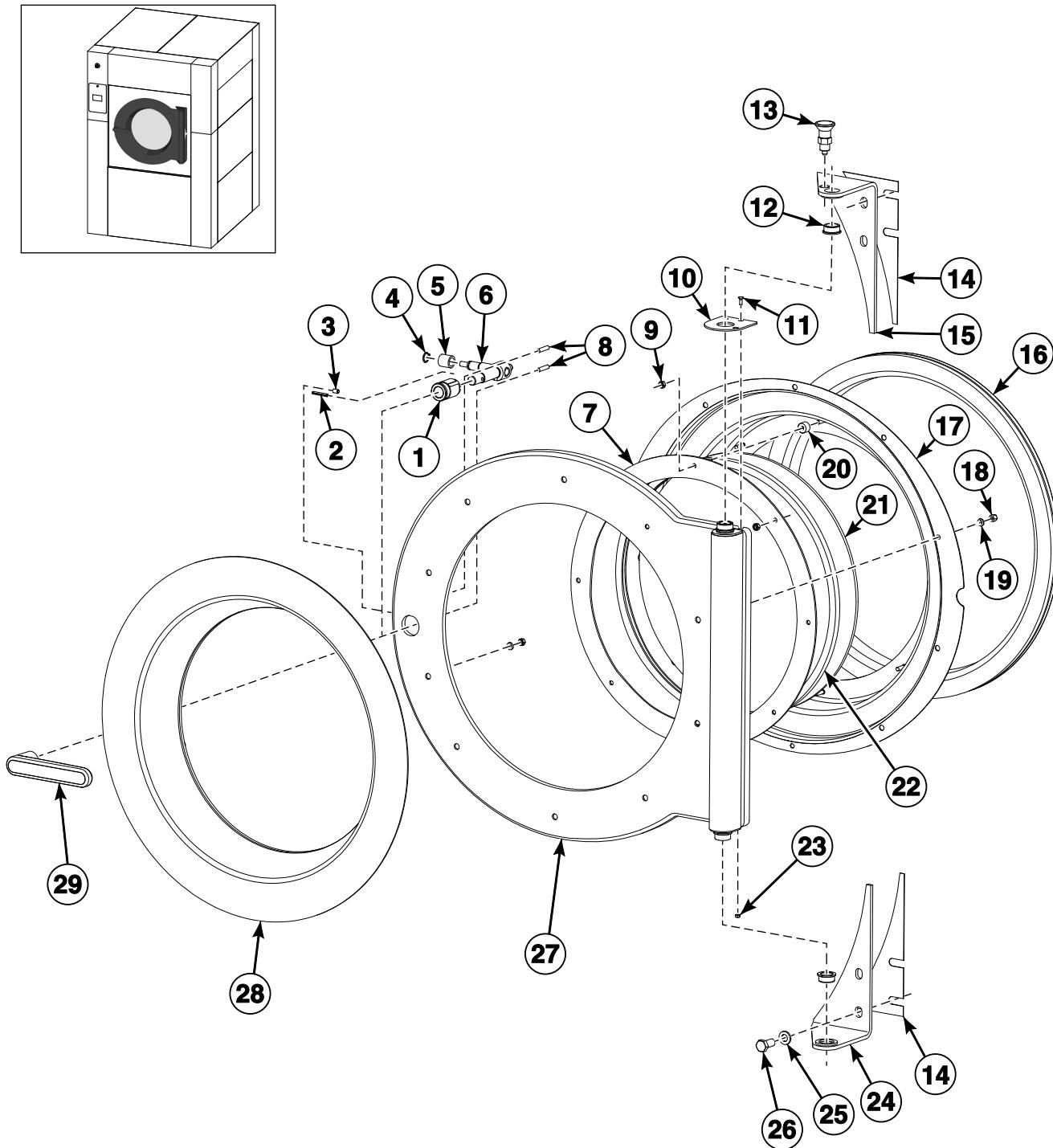


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## Tensioning System

REF	PART NO.	DESCRIPTION	COMMENTS
	560029	Tension Roller	80 and 350 models; Item 12 not included
	561311	Tension Roller	100, 132, 450 and 600 models; Item 12 not included
1	SP515452	Adjusting Rod	
2	SP310934000012	Nut	M12
3	SP311127000012	Washer	12
4	SP311125000013	Washer	13
5	SPF02118000615	Washer	
6	SP307732031062	Retaining Ring	62
7	SP307732030025	Retaining Ring	25
8	SPPRI608000041	Bearing	
9	SPF04118000514	Roller	80 and 350 models
	SPF02118000514	Roller	100, 132, 450 and 600 models
10	SP309933001230	Bolt	M12x30
11	561312	Tension Roller	
12	SP515456	Plate	350 models

## Door and Tilting System Door Fastener

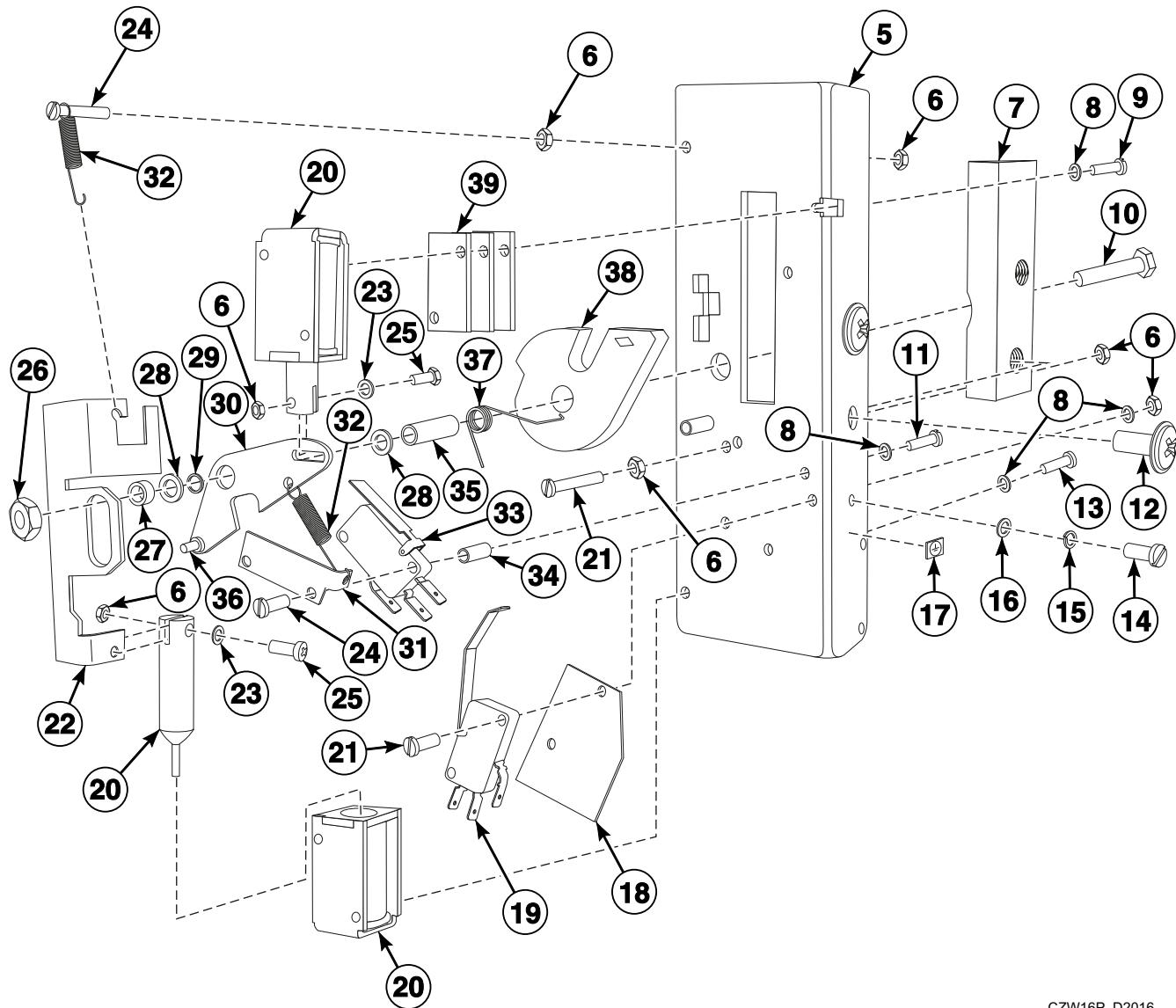
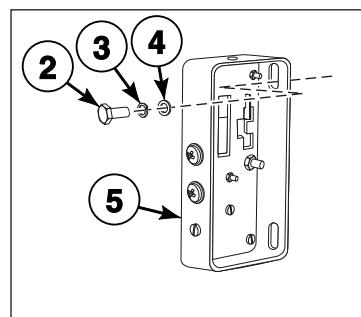
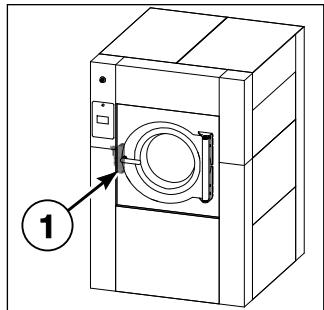


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# Door and Tilting System Door Fastener

REF	PART NO.	DESCRIPTION	COMMENTS
	563324	Door Assembly	AF and NY models
	563322	Door Assembly	FX and PY models
	563317	Door Assembly	HY, SY and UY models
	563323	Door Assembly	IY models
	568928	Door Assembly	IY models; Stainless steel; Optional
	571200	Door Assembly	JLA models
	SP245704003021	Adhesive	Loctite 243
1	SPF02107002315	Nut	
2	SP554970	Pin	4x35
3	SP309913000610	Bolt	M6x10
4	SP307732030014	Retaining Ring	14
5	SP323622641243	Sleeve	
6	SP555115	Door Lever	
7	SP559943	Door Cover Plate	
8	563364	Stopper	Handle
9	SP310934240006	Nut	M6
10	563333	Stopper	Hinge; 100, 132, 450 and 600 models; With tilting system
11	SP309963240412	Bolt	100, 132, 450 and 600 models; M4x12; With tilting system
12	SP519461	Bracket Sleeve	
13	563305	Locking Pin	100, 132, 450 and 600 models; With tilting system
14	563354	Shim	
15	563318	Hinge	Upper; HY, IY, SY and UY models; Optional; Stainless steel
	563328	Hinge	Upper; AF, FX, IY, JLA, NY and PY models; Black
16	SPF02107003214	Door Seal	
17	563301	Door Holder	
18	SP310917240006	Nut	M6
19	SP311125240006	Washer	6
20	SPF02107001815	Insert	
21	SPF02107003314	Door Glass	AF, FX, HY, JLA, NY, PY, SY and UY models
	SP559967	Door Glass	IY models
22	SP273115021905	Glass Seal	
23	SP310934240004	Nut	100, 132, 450 and 600 models; M4; With tilting system
24	563319	Hinge	Lower; HY, IY, SY and UY models; Optional; Stainless steel
	563329	Hinge	Lower; AF, FX, IY, JLA, NY and PY models; Black
25	SPF02100021615	Washer	12
26	516699	Bolt	M12x25
27	563325	Door Frame	AF, FX, IY, JLA, NY and PY models; Black
	563302	Door Frame	HY, IY, SY and UY models; Stainless steel; Optional
28	563326	Door Cover	AF, IY, JLA and NY models; Black
	563300	Door Cover	FX, HY, IY, PY, SY and UY models; Optional; Stainless steel
29	563298	Handle	AF, FX, HY, IY, NY, PY, SY and UY models; Optional; Stainless steel
	563327	Handle	IY and JLA models; Black

# Door Lock

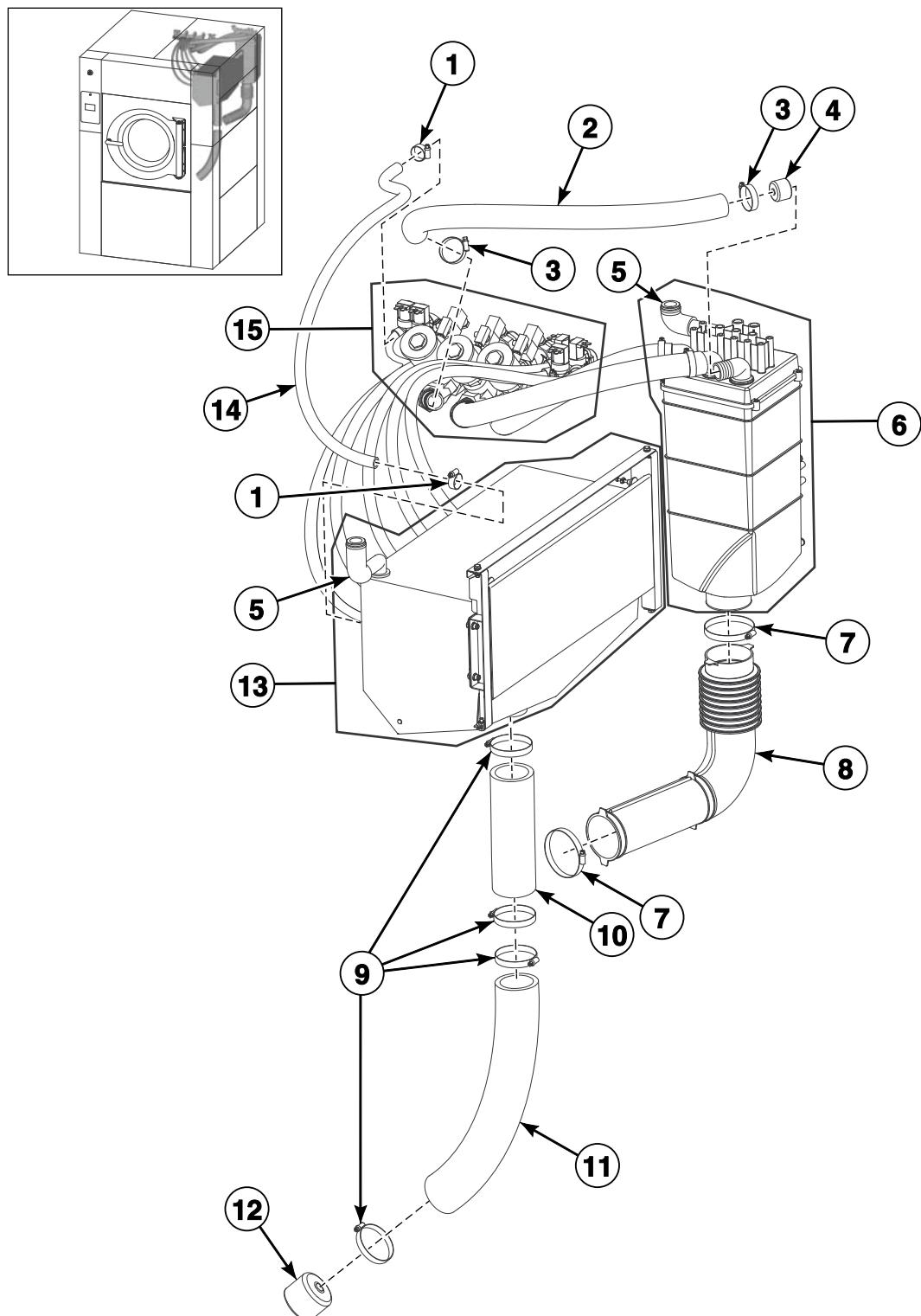


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## Door Lock

REF	PART NO.	DESCRIPTION	COMMENTS
	564518	Door Lock Wiring	Used with item 1
	SP557808	Door Lock Wiring	Used with SP560720 Door Lock
	574409	Door Lock Wiring	MC10
1	560720	Door Lock	Includes items 2-39
2	SP309933240822	Bolt	M8x22
3	SP311127240008	Washer	8
4	SP311125240008	Washer	8
5	SP511241	Element	
6	SP310934000003	Nut	M3
7	SPF02117001314	Rising Section	
8	SP311125000003	Washer	M3-3.2/7/0.5
9	SP309084240312	Bolt	M3x12
10	SP518556	Bolt	
11	SP309084000310	Bolt	M3x10
12	SP309595240612	Bolt	M6x12
13	SP309084000306	Bolt	M3x6
14	SP309084100408	Bolt	M4x8
15	SP311127000004	Washer	4
16	SP311125100004	Washer	4
17	SPPRI55100001	Earthing Index Plate	10
18	SP101154	Isolation Plate	
19	SPF02117002114	Microswitch	
20	SPF02117001814	Coil Modification	
21	SP309084000320	Bolt	M3x20
22	SP533710	Gate	
23	SP555746	Washer	
24	SP309084000316	Bolt	M3x16
25	SP309798500314	Bolt	M3x14
26	SP310934000006	Nut	M6
27	SP533712	Tube	
28	SP311125100006	Washer	6
29	SPF02117001714	Ring	
30	568816	Link	
31	SPF02117002614	Coil Holder	
32	SPPRI61100007	Spring	
33	SPF02117002224	Microswitch	
34	SPF02117001424	Column	
35	SP518680	Tube	
36	SPF02117002514	Pin	
37	SP315002015014	Spring	
38	SPF02117001214	Cam	
39	SPF02117002414	Washer	

## Filling System

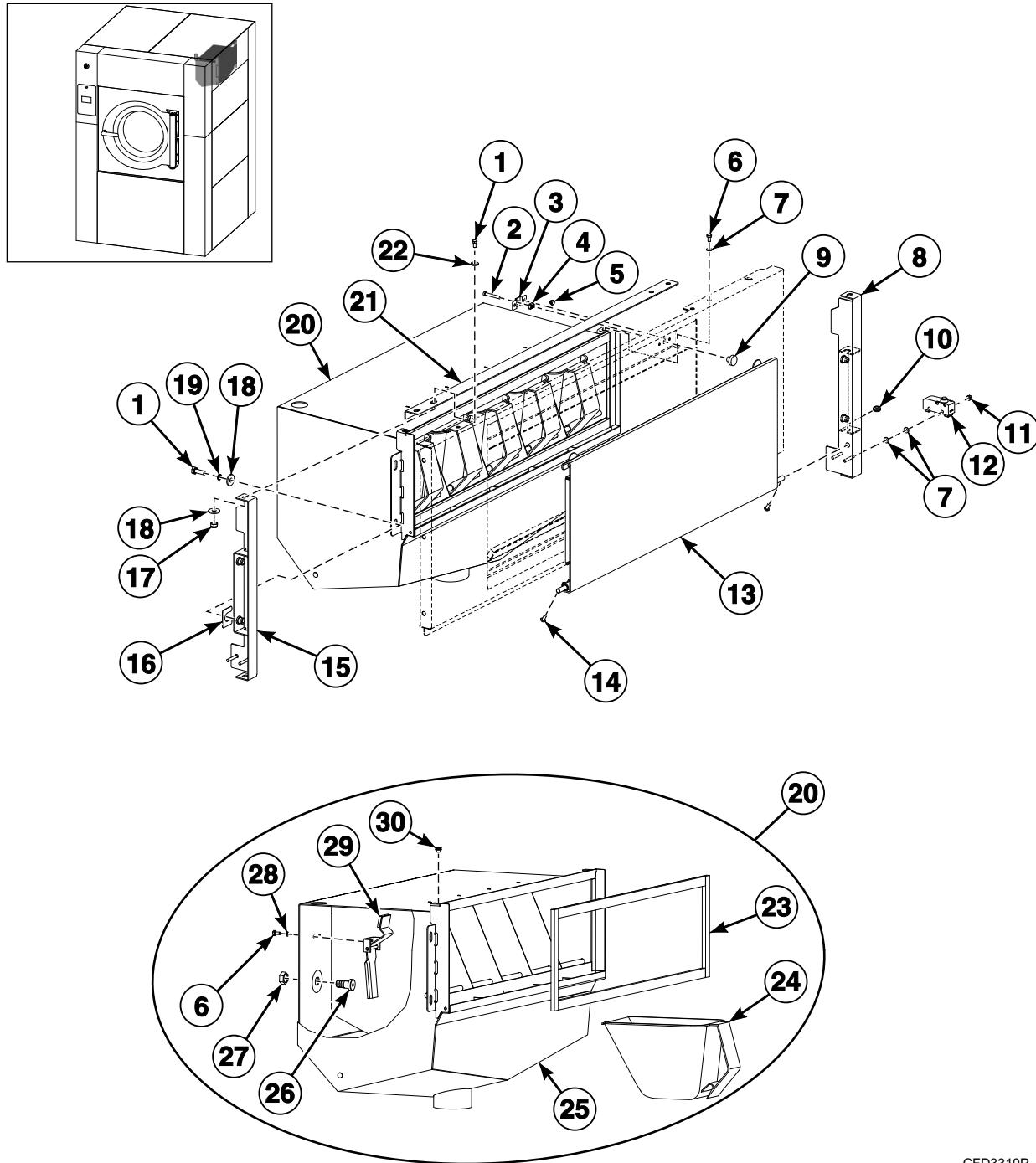


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## Filling System

REF	PART NO.	DESCRIPTION	COMMENTS
	557999	Inlet - Outlet Valve Wiring	
1	SPPRI240000002	Hose Clamp	
2	SP273238003242	Hose	
3	SPPRI240000008	Hose Clamp	
4	562854	Hose Plug	
5	SPPRI504000069	Elbow	
6	562753	Mixer	
7	SPPRI240000007	Hose Clamp	
8	562824	Elbow	
9	SPPRI240000021	Hose Clamp	
10	SPF02109001213	Hose	Soap hopper
11	F02104001213	Hose	Soap hopper
12	567053	Plug	Without soap hopper
13	561660	Soap Hopper Assembly	Refer to <i>Soap Hopper</i> page
	564554	Soap Hopper Box Cable	
14	SPPRI540000014	Hose	
15	562784	3 Inlet Valve Assembly	Electromagnetic; With soap hopper
	562862	3 Inlet Valve Assembly	Electromagnetic; Without soap hopper
	562847	3 Inlet Valve Assembly	Pneumatic; With soap hopper
	562863	3 Inlet Valve Assembly	Pneumatic; Without soap hopper

# Soap Hopper

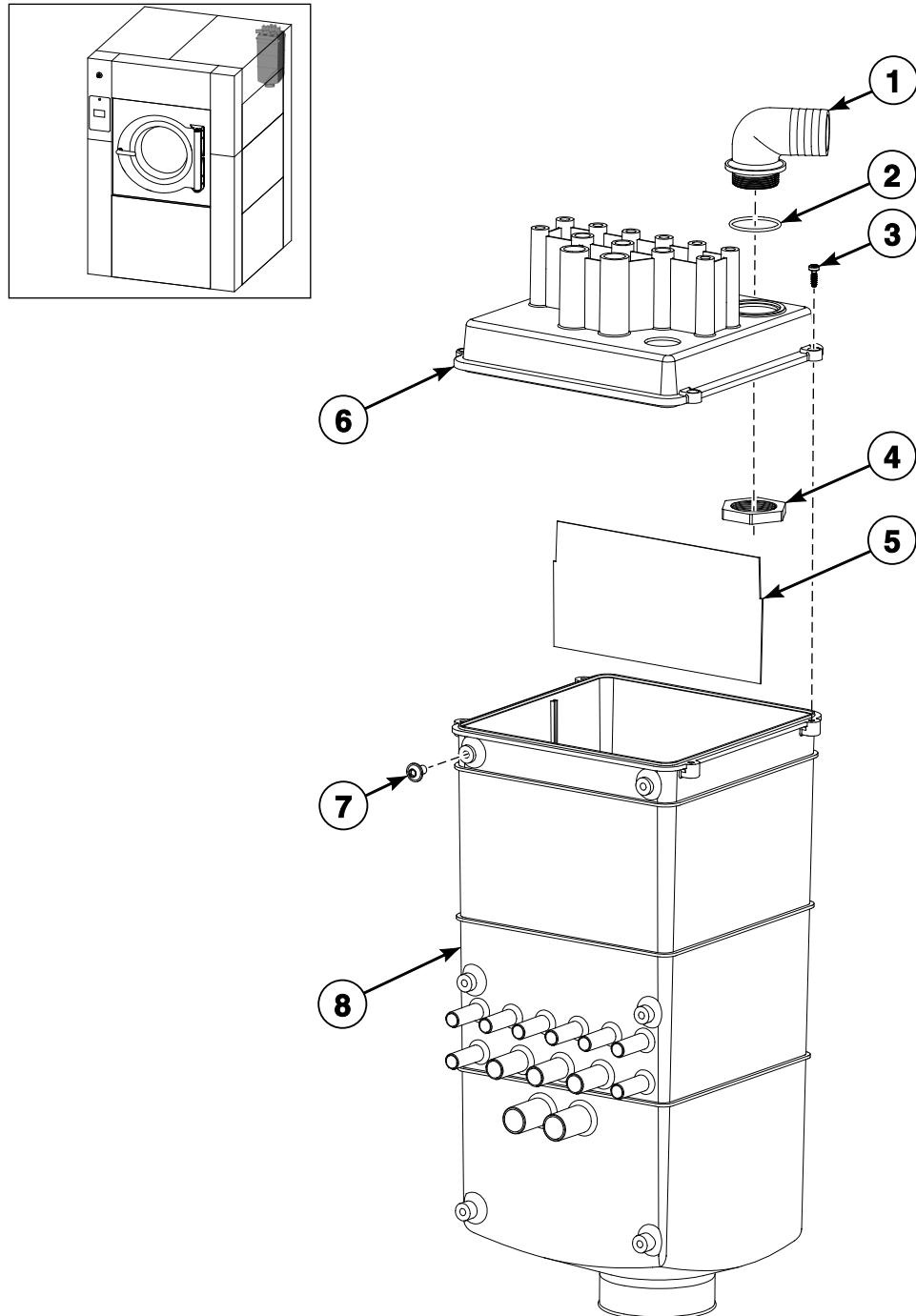


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# Soap Hopper

REF	PART NO.	DESCRIPTION	COMMENTS
	SP245704003021	Adhesive	Loctite 243
	561660	Soap Hopper Assembly	
1	SP309933240618	Bolt	M6x18
2	SP506011	Bolt	M4x25
3	564265	Cage Nut Lock	
4	564204	Nut	M4
5	505479	Rivet	4x8
6	SP309933240408	Bolt	M4x8
7	SP311125240004	Washer	4
8	564173	Reinforcement	Right
9	564203	Magnetic Bracket	
10	SP273121005052	Cable Passage	5.5x2
11	SP514193	Nut	M4
12	564511	Microswitch	
13	561664	Soap Hopper Door	
14	SP515075	Bolt	M4x10
15	564172	Reinforcement	Left
16	564171	Distance Washer	Small
17	SP310985000006	Nut	M6
18	SP311902100006	Washer	6
19	SP311127240006	Washer	6
20	561659	Soap Hopper	
21	564104	Bar	
22	SP311125240006	Washer	6
23	564202	Seal	1.4m
24	SP321848223000	Vessel	
25	561658	Soap Hopper	
26	570375	Nozzle	
27	570374	Nut	
28	SP311127240004	Washer	4
29	SP235110200014	Soap Hopper Level	
30	SP313251002104	Nut	M4

# Mixer

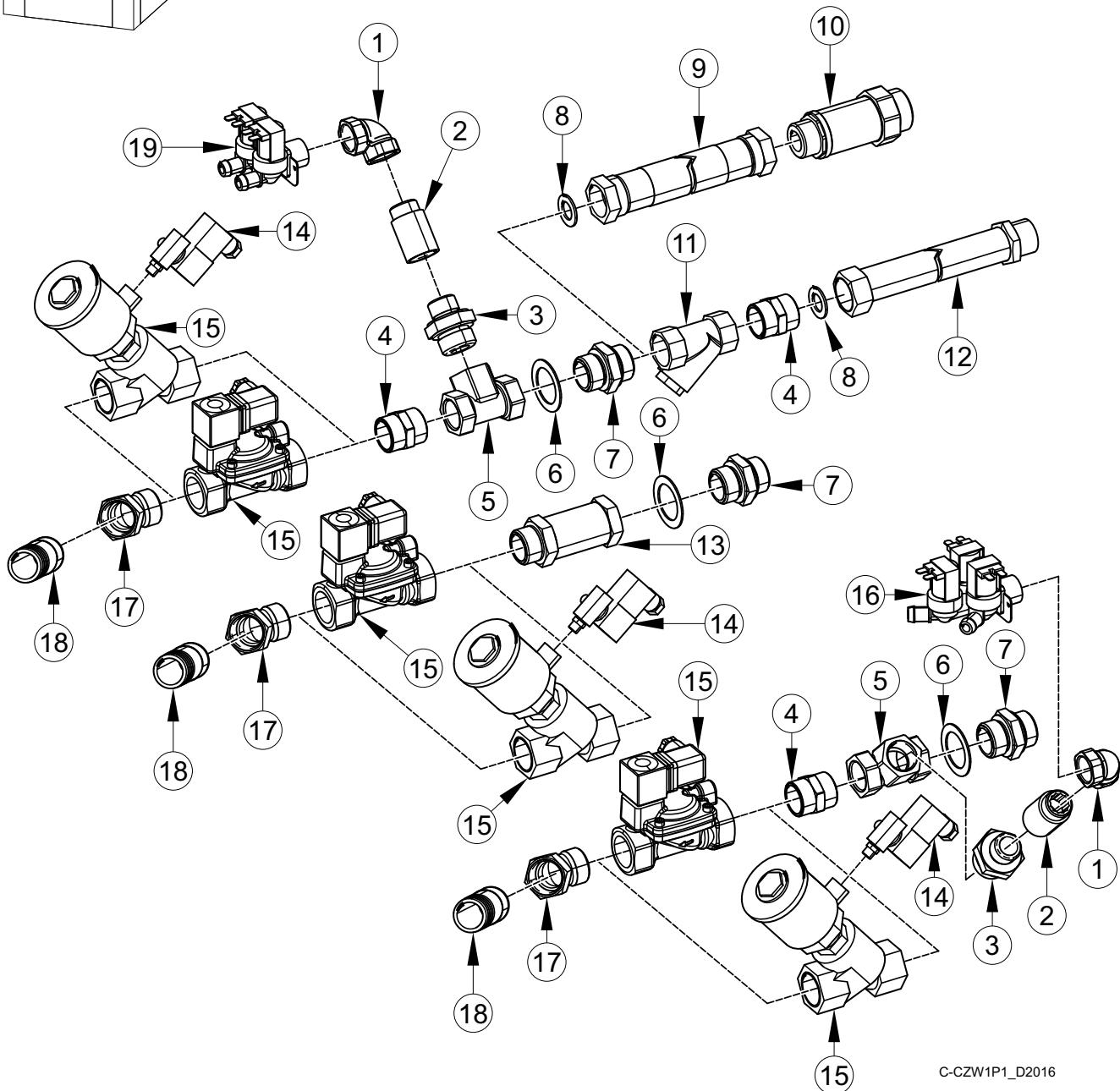
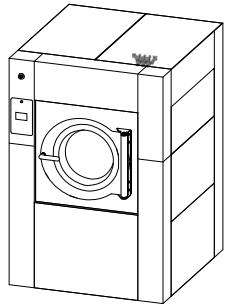


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## Mixer

REF	PART NO.	DESCRIPTION	COMMENTS
	SPPRI704000053	Sealant	
	SP245704000050	Adhesive	Loctite 5331; Used with item 4
1	562754	Inlet Elbow	
2	562776	O-Ring	32x2
3	SP526497	Screw	M4x12
4	SP101419	Nut	M32
5	562779	Mixer Shield	
6	562807	Mixer Lid	
7	567062	Bolt	M6x10
8	562752	Mixer Outside	

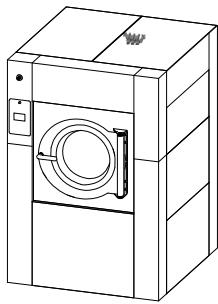
## Three Filling Valves With Soap Hopper



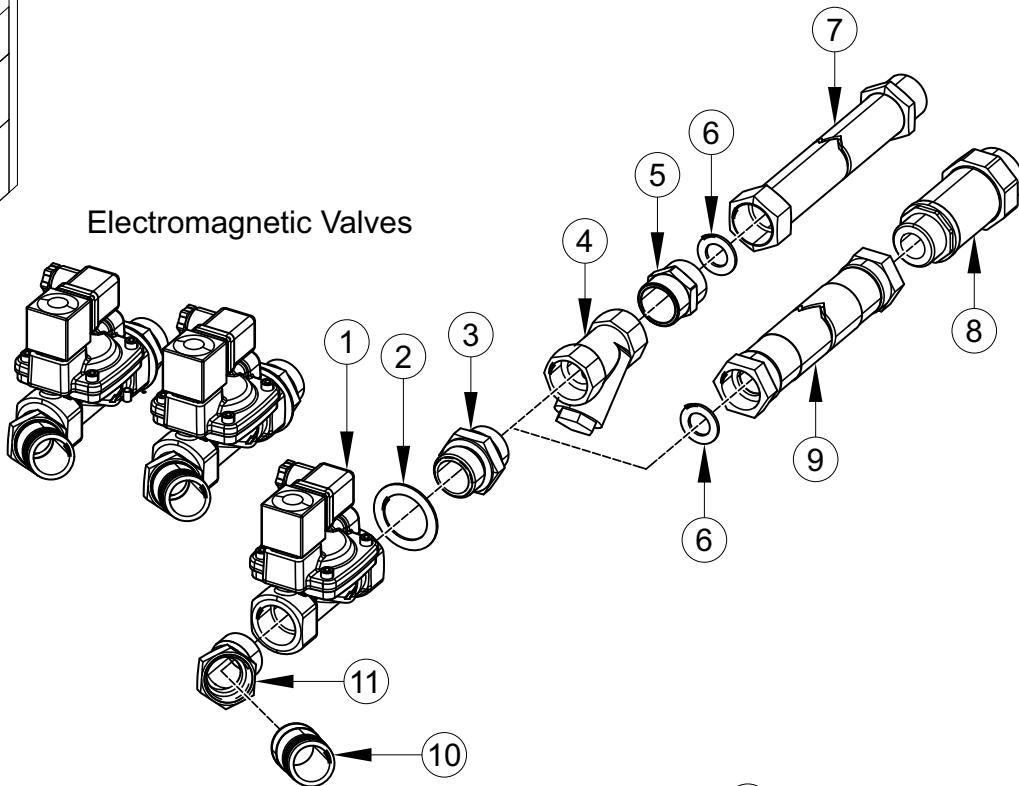
## Three Filling Valves With Soap Hopper

REF	PART NO.	DESCRIPTION	COMMENTS
	562784	3 Inlet Valve Assembly	Electromagnetic
	562847	3 Inlet Valve Assembly	Pneumatic
	245704000577	Adhesive	Loctite 577
	SP510971	Adhesive	Loctite 55
1	SPPRI426002072	Elbow	3/4 inch
2	SPPRI426003217	Extension	3/4 inch x 40 ; through Serial No. 350FX000282MY, 450FX000338MY, 600FX000556MW
3	SP235134601314	Reducing Insert	
4	SPPRI426001220	Pipe Nipple	1 inch
5	SPPRI426002112	Branch T	1 inch
6	SPF02111001214	Washer	
7	SP235134600414	Pipe Nipple	
8	SP506708	Seal	
9	F200193	Water Hose	Water approval for Australia
10	567179	Check Valve	1 inch; Water approval for Australia
11	SP405054057008	Filter	CE
12	SPPRI505003055	Inlet Hose	CE; I=1m
13	SPF02111001114	Extension	
14	SP510809	Valve	G 1/8 inch; Pneumatic
15	SP567065	Valve	G 1 inch; Electromagnetic; Includes 567066 Coil
	567066	Coil	Electromagnetic
	SP510808	Valve	G 1 inch; Pneumatic
16	SP101345	3-Way Inlet Valve	3/4 inch
17	SP559327	Elbow	45 degree; 1 inch
18	SP235134601115	Insert Tube	
19	SP101344	2-Way Inlet Valve	3/4 inch

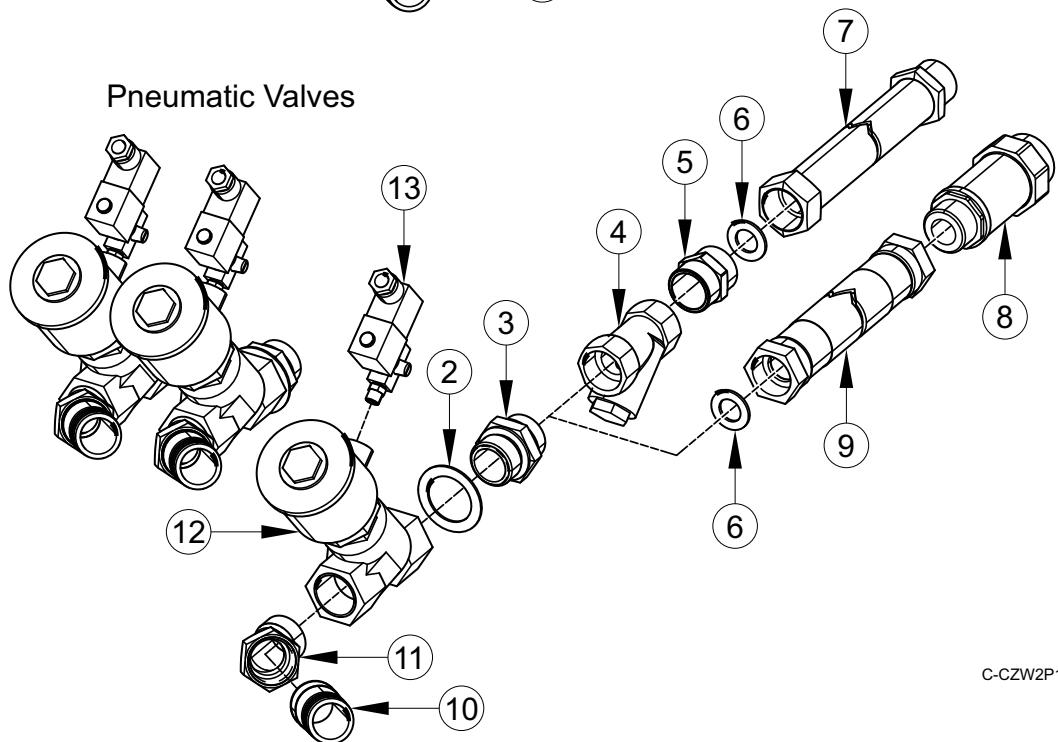
## Three Filling Valves Without Soap Hopper



Electromagnetic Valves



Pneumatic Valves



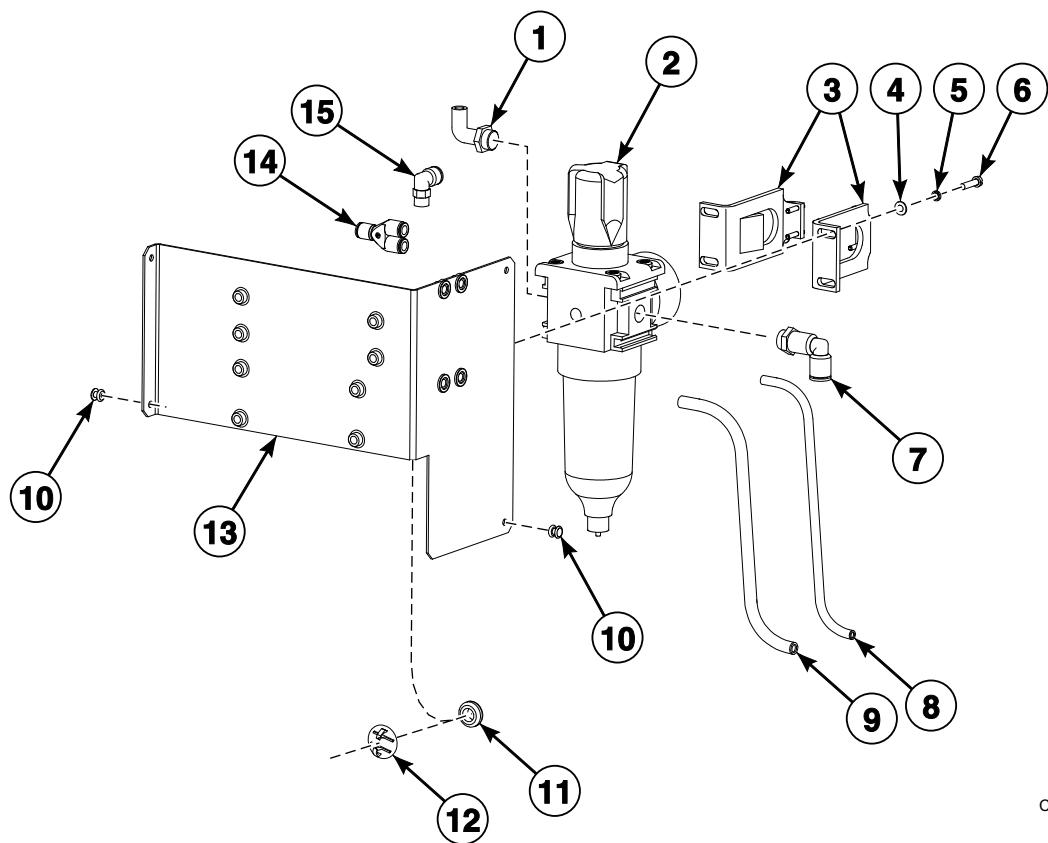
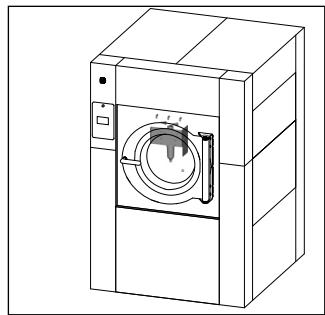
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## Three Filling Valves Without Soap Hopper

REF	PART NO.	DESCRIPTION	COMMENTS
	562862	3 Inlet Valve Assembly	Electromagnetic
	562863	3 Inlet Valve Assembly	Pneumatic
	245704000577	Adhesive	Loctite 577
	SP510971	Adhesive	Loctite 55
1	SP567065	Valve	G 1 inch; Electromagnetic; Includes 567066 Coil
	567066	Coil	Electromagnetic
2	SPF02111001214	Washer	
3	SP235134600414	Pipe Nipple	
4	SP405054057008	Filter	CE
5	SPPRI426001220	Pipe Nipple	1 inch; CE
6	SP506708	Seal	
7	SPPRI505003055	Inlet Hose	CE; l=1m
8	567179	Check Valve	1 inch; Water Approval for Australia
9	F200193	Water Hose	Water Approval for Australia; l=1.5m
10	SP235134601115	Insert Tube	
11	SP559327	Elbow	45 degree; 1 inch
12	SP510808	Valve	G 1 inch; Pneumatic
13	SP510809	Valve	G 1/8 inch; Pneumatic

# Pneumatic System Without Tilting System

## Models Through Serial No. 450FX000030KF and 600FX000019KB

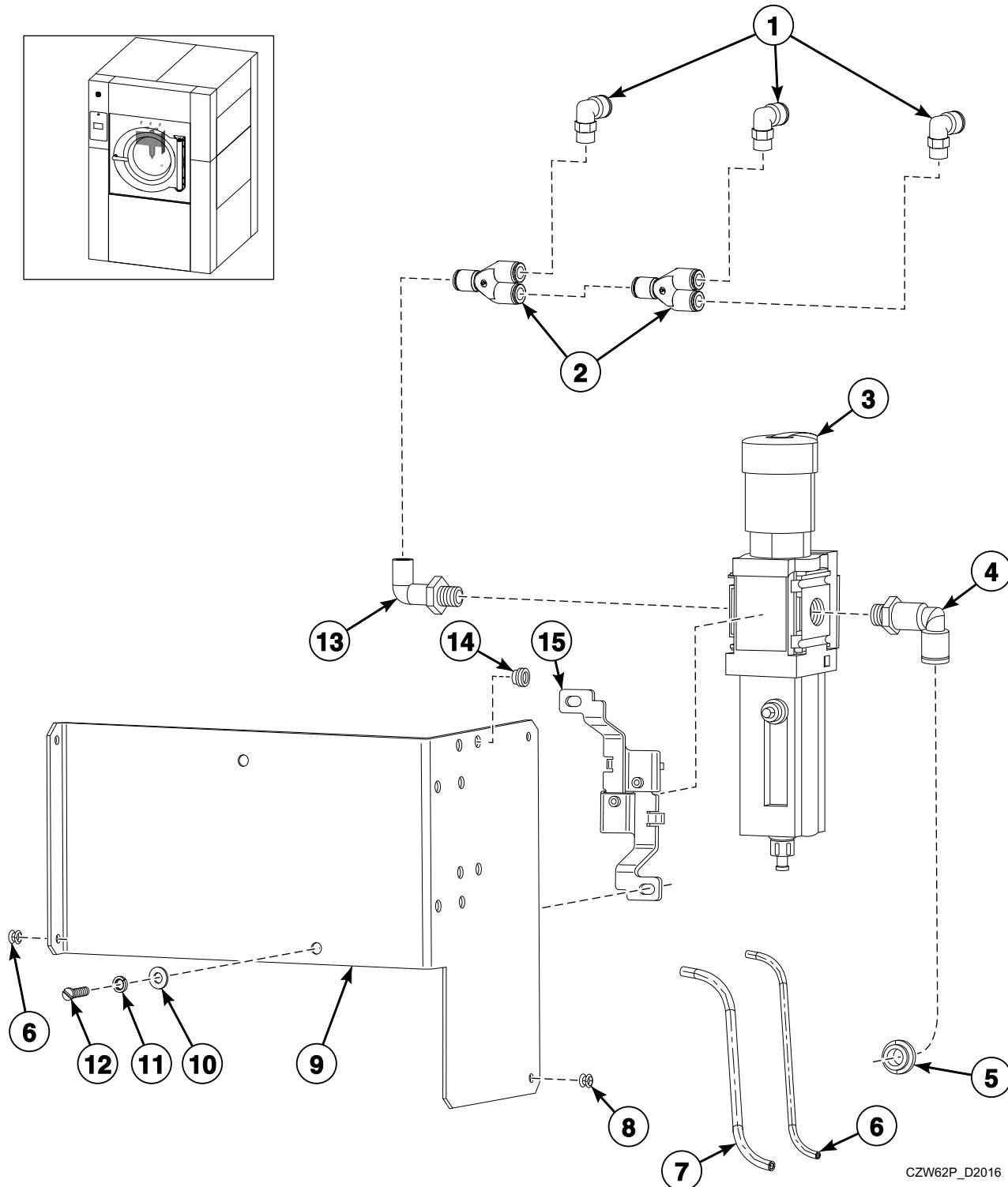


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**Pneumatic System Without Tilting System**  
**Models Through Serial No. 450FX000030KF and 600FX000019KB**

REF	PART NO.	DESCRIPTION	COMMENTS
1	SP503883	Pipe Nipple	L6; 1/4 inch
2	SP347600100112	Filter Pressure Regulator	1/4 inch
3	SP405113111112	Pressure Regulator Grip	
4	SP311125000004	Washer	M4-4.3/9/0.8
5	SP311127000004	Washer	4
6	SP309084000416	Bolt	M4x16
7	SP319428330800	Pipe Nipple	L8; G 1/4 inch
8	SP319300006001	Hose	6x1
9	SP319300008125	Hose	8x1.25
10	SP505479	Rivet	4x8
11	SP273121009002	Cable Passage	9x2
12	SP505472	Plug	Without pneumatic system
13	562801	Pneumatic Assembly Holder	
14	SP405113000006	Coupling	Y6
15	SP319428330060	Pipe Nipple	L6; G 1/8 inch

**Pneumatic System Without Tilting System**  
**Models Starting Serial No. 350FX000001FS, 450FX000031KF and**  
**600FX0000KB**

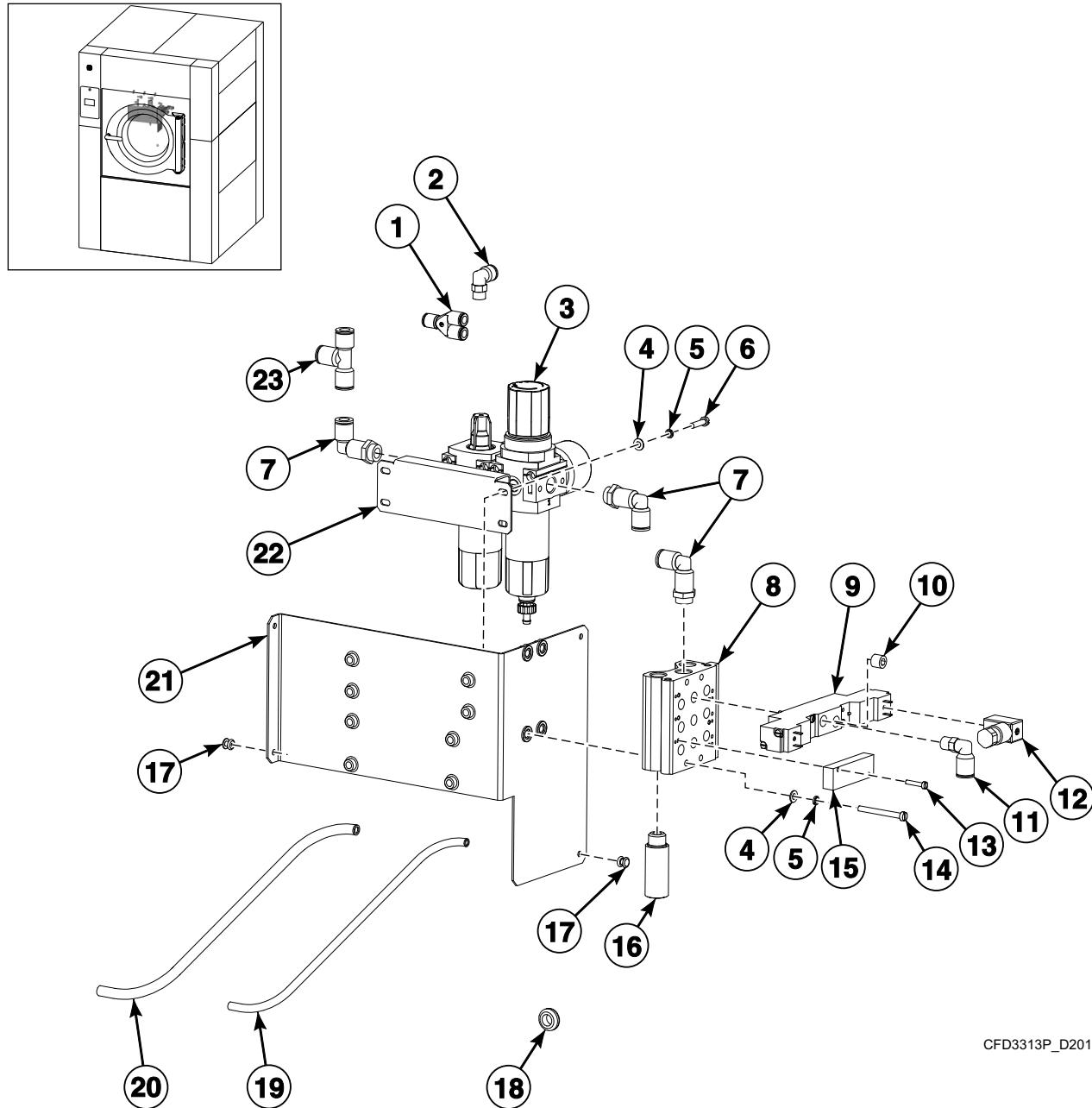


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**Pneumatic System Without Tilting System**  
**Models Starting Serial No. 350FX000001FS, 450FX000031KF and**  
**600FX0000KB**

REF	PART NO.	DESCRIPTION	COMMENTS
	SP505472	Plug	Without pneumatic system
1	SP319428330060	Pipe Nipple	L6; G 1/8 inch
2	SP405113000006	Coupling	Y6
3	570801	Filter Pressure Regulator	Includes filter
4	SP319428330800	Pipe Nipple	L8; G 1/4 inch
5	SP273121009002	Cable Passage	9x2
6	SP319300006001	Hose	6x1
7	SP319300008125	Hose	8x1.25
8	SP505479	Rivet	4x8
9	562801	Pneumatic Assembly Holder	Includes item 14
10	SP311125000004	Washer	M4-4.3/9/0.8
11	SP311127000004	Washer	4
12	SP309084000416	Bolt	M4x16
13	SP503883	Pipe Nipple	L6; 1/4 inch
14	SP313251002104	Nut	M4
15	570804	Pressure Regulator Grip	

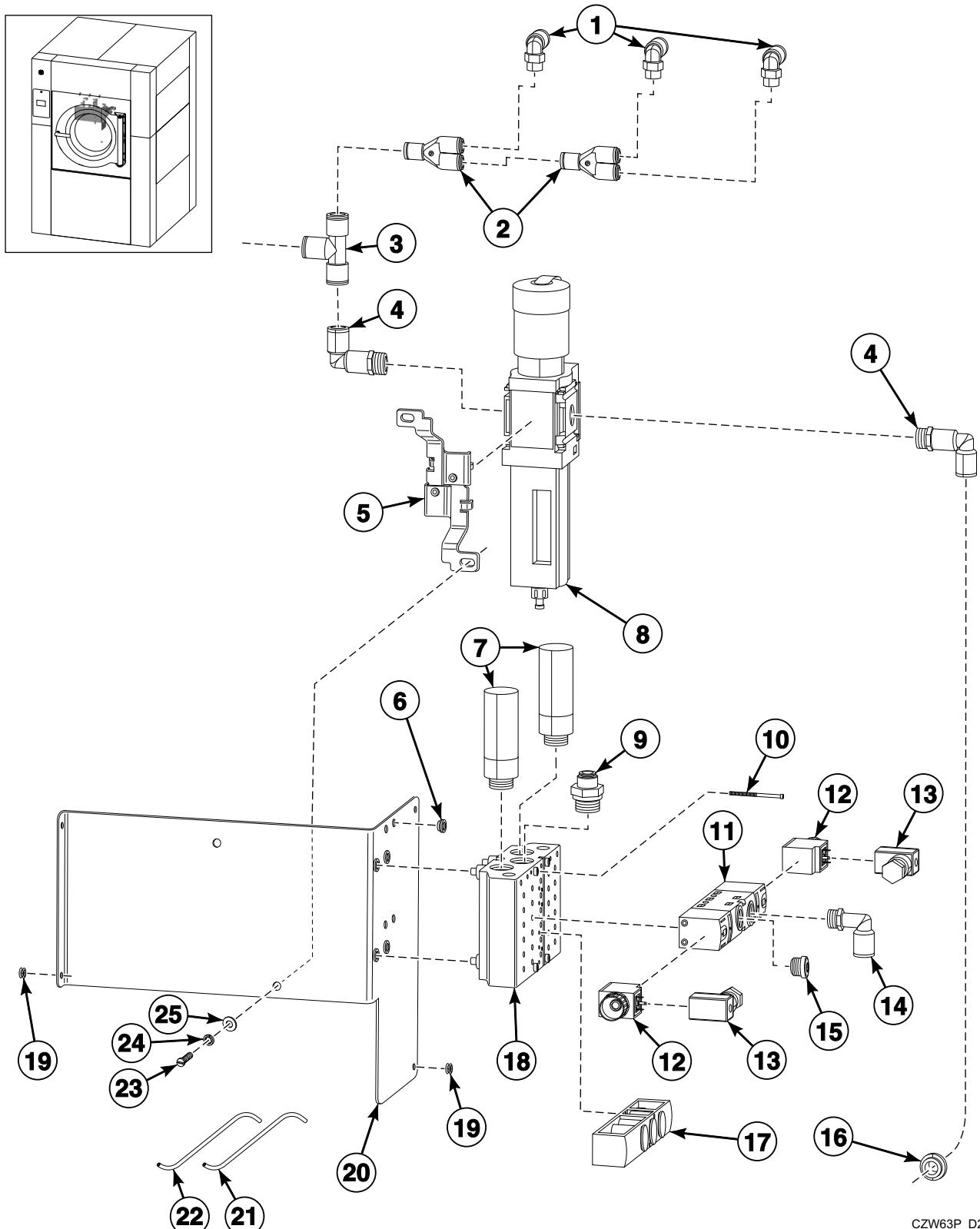
# Pneumatic System With Tilting System - 450 and 600 Models Through Serial No. 450FX000030KF and 600FX000019KB



# Pneumatic System With Tilting System - 450 and 600 Models Through Serial No. 450FX000030KF and 600FX000019KB

REF	PART NO.	DESCRIPTION	COMMENTS
1	SP405113000006	Coupling	Y6
2	SP319428330060	Pipe Nipple	L6; G 1/8 inch
3	SP548958	Filter, Regulator and Lubricator	G 1/4 inch
4	SP311125000004	Washer	M4-4.3/9/0.8
5	SP311127000004	Washer	4
6	SP309084000416	Bolt	M4x16
7	SP319428330800	Pipe Nipple	L8:G 1/4 inch
8	SP536506	Connecting Block	
9	SP548061	Electromagnetic Valve	MEBH-5/3G; 1/8 inch-P-B-230AC; Includes SP536505 Electromagnetic Coil
10	SP510898	Plug	G 1/8 inch
11	SP319428330080	Pipe Nipple	L8; G 1/8 inch
12	SP536505	Valve Connector	
13	SP309084000316	Bolt	M3x16
14	SP512134	Bolt	M4x40
15	SP536508	Topper	
16	SP326346000407	Sound Damper	G 1/4 inch
17	SP505479	Rivet	4x8
18	SP273121009002	Cable Passage	9x2
19	SP319300006001	Hose	6x1
20	SP319300008125	Hose	8x1.25
21	562801	Pneumatic Assembly Holder	
22	SP548952	Regulator Holder	
23	561632	Pipe Nipple	T-part 8-6

**Pneumatic System With Tilting System - 450 and 600 Models**  
**Starting Serial No. 450FX000031KF and 600FX000020KB**

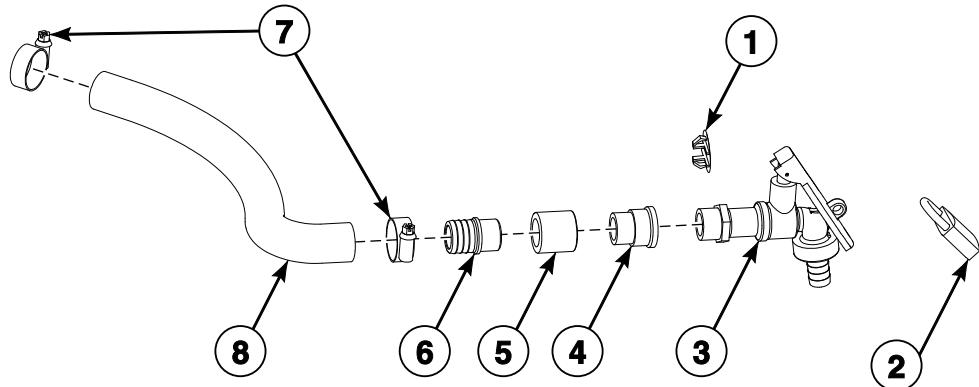
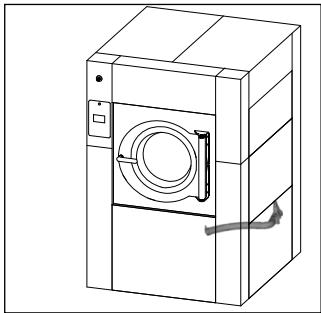


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**Pneumatic System With Tilting System - 450 and 600 Models**  
**Starting Serial No. 450FX000031KF and 600FX000020KB**

REF	PART NO.	DESCRIPTION	COMMENTS
	283296215119	Tape	
1	SP319428330060	Pipe Nipple	L6; G 1/8 inch
2	SP405113000006	Coupling	Y6
3	561632	Pipe Nipple	T-part 8-6
4	SP319428330800	Pipe Nipple	L8:G 1/4 inch
5	570804	Pressure Regulator Grip	
6	SP313251002104	Nut	M4
7	570823	Sound Damper	G 3/8 inch
8	570801	Filter Pressure Regulator	Includes filter
9	570822	Fitting Adapter	QS-G3/8-8 inch
10	570821	Bolt	M4x50
11	570815	Electromagnetic Valve	VUVS-L20-P53C-MD-G18-F7; Includes SP536505 Electromagnetic Coil
12	570808	Electromagnetic Coil	
13	SP536505	Valve Connector	
14	SP319428330080	Pipe Nipple	L8; G 1/8 inch
15	566599	Bolt	
16	SP273121009002	Cable Passage	9x2
17	570811	Blanking Plate	
18	570810	Connecting Block	
19	SP505479	Rivet	4x8
20	562801	Pneumatic Assembly Holder	
21	SP319300006001	Hose	6x1
22	SP319300008125	Hose	8x1.25
23	SP309084000416	Bolt	M4x16
24	SP311127000004	Washer	4
25	SP311125000004	Washer	M4-4.3/9/0.8

## Wash Bath Sample

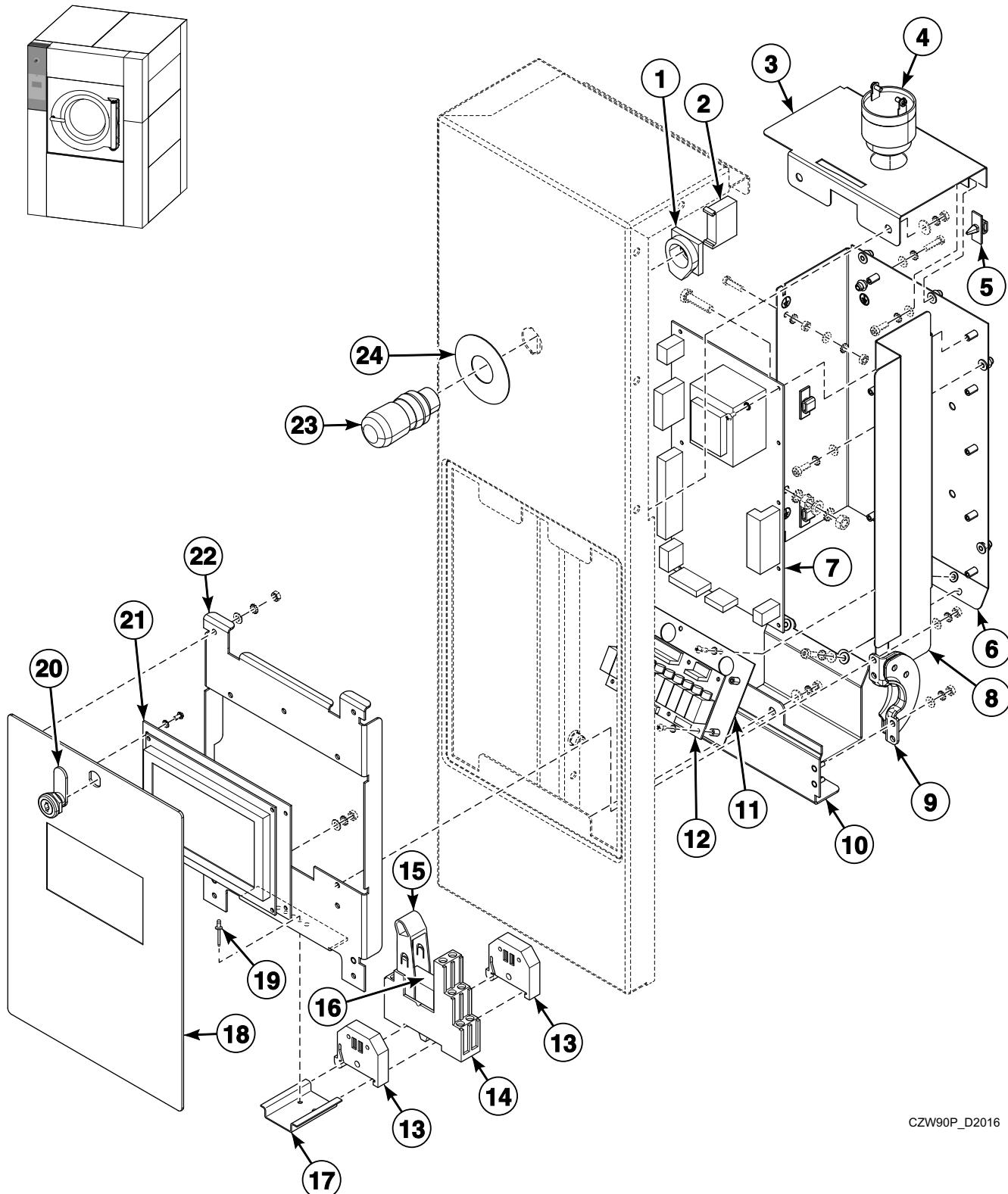


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## **Wash Bath Sample**

REF	PART NO.	DESCRIPTION	COMMENTS
	562841	Wash Bath Sample Assembly	Includes items 1-8
	245704000577	Adhesive	Loctite 577
1	SP345900032132	Plug	Without wash bath sample
2	SP523167	Padlock	
3	SP523728	Valve	1/2 inch; Lockable
4	SP319413102015	Extension Tube	1/2 inch
5	SP536630	Screw	1/2 inch
6	SP531226	Threaded Joint	
7	SPPRI240000003	Hose Clamp	20-32
8	562842	Hose	

## Control Panel (Drawing 1 of 2)

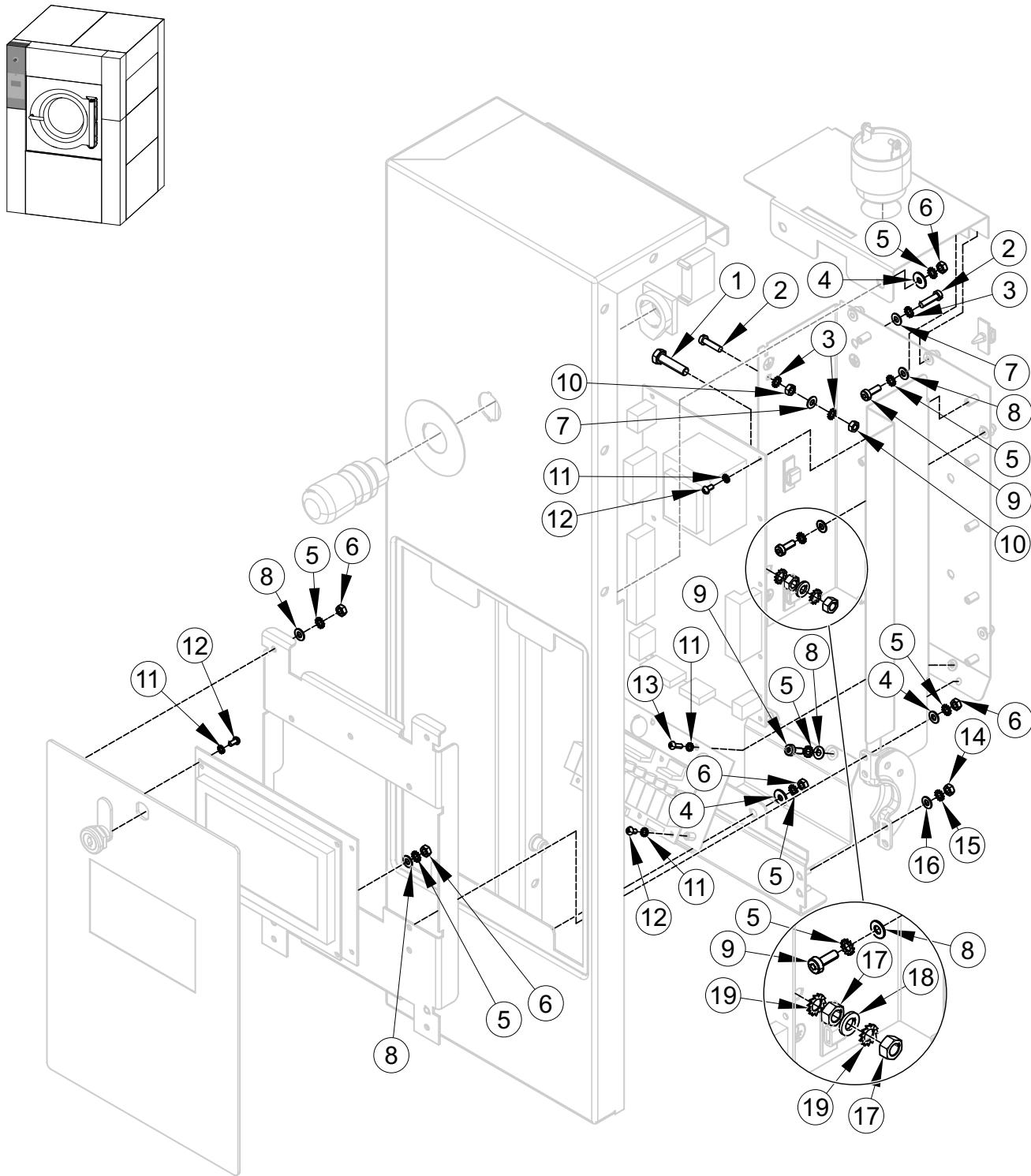


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## Control Panel (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	F8600501	Programming Cable	
	SP547062	Relay Extension Board Cable	100, 132, 450 and 600 models; Used with tilting system; Used with end of cycle light and buzzer
	SP284000012003	Tape	Self-adhesive
1	SP528311	Emergency Stop Connector	
2	SP528312	Switching Unit	
3	567816	Top Holder	
4	SP516844	Buzzer	
5	SP528313	Cable Holder	
6	567810	Programmer Holder	
7	SP553405	Control Board Power	MC7; Power part
8	567893	Programmer Cover	
9	567931	Hinge	
10	566786	Lower Holder	
11	567812	Console of Relay Extension Board	100, 132, 450 and 600 models; Used with tilting system; Used with end of cycle light and buzzer
12	SP547003	Relay Extension Board	100, 132, 450 and 600 models; Used with tilting system; Used with end of cycle light and buzzer
13	SP346000209101	End Stop	Used with tilting system
14	SP506586	Relay Case	Used with tilting system
15	SP514135	Relay Clamp	Used with tilting system
16	SP514134	Relay	Used with tilting system
17	566792	Support Rail	Used with tilting system
18	566864	Keyboard	AF and NY models
	566863	Keyboard	FX and PY models
	566868	Keyboard	HY models
	566865	Keyboard	IY and JLA models
	566867	Keyboard	SY models
	566866	Keyboard	UY models
19	SP313250032079	Rivet	Used with tilting system
20	567818	Lock	
21	SP553411	Control Board	AF, FX, HY, JLA, NY and PY models; MC7; Processor part
	SP553419	Control Board	IY models; MC7; Processor part
	SP553412	Control Board	SY and UY models; MC7; Processor part
22	566861	Reinforcement of Keyboard	
23	SP528310	Emergency Stop Knob	
24	SPPRI551005248	Emergency Stop Label	Yellow

## Control Panel (Drawing 2 of 2)



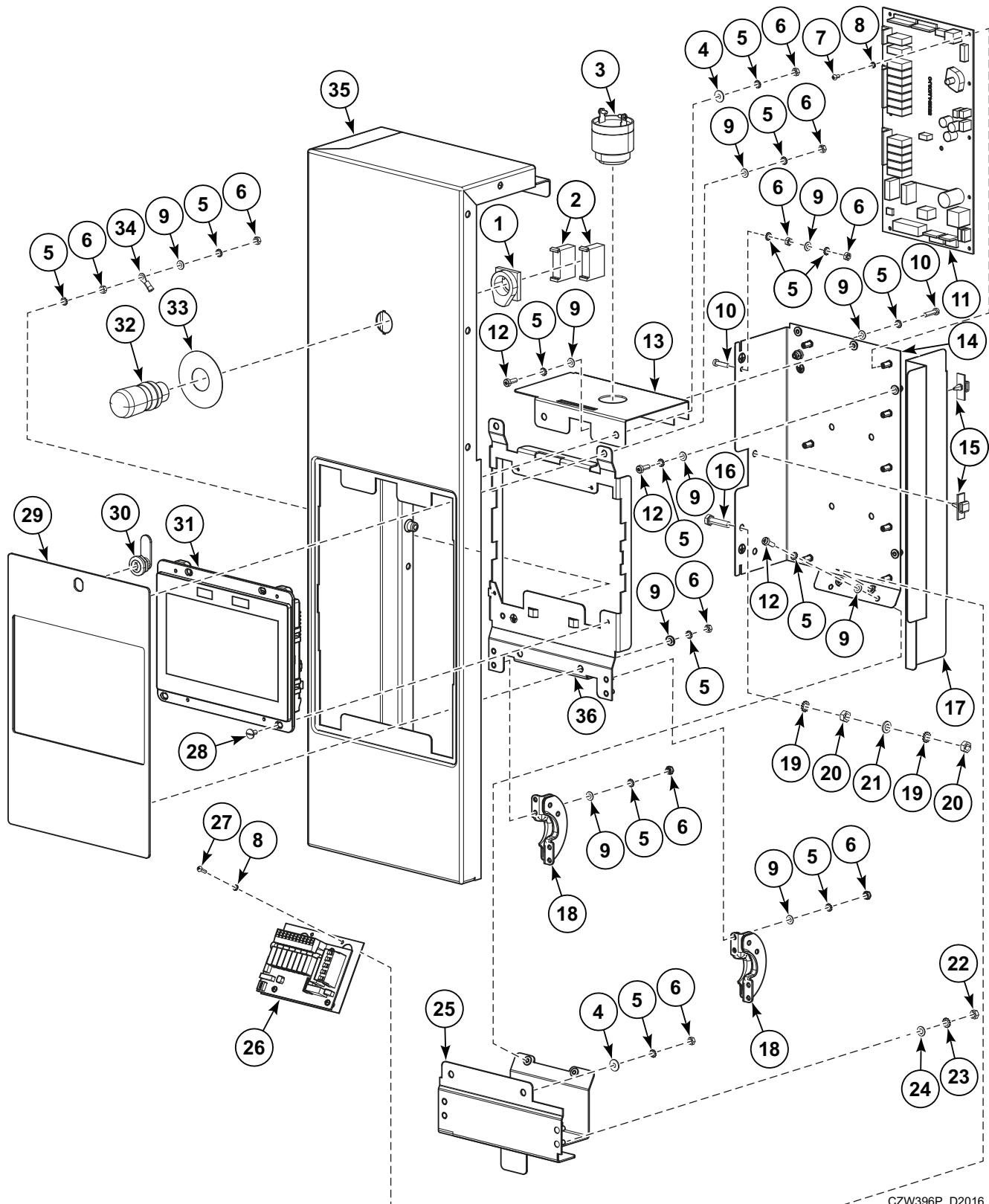
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## Control Panel (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	SP309933100625	Bolt	M6x25
2	SP309084100416	Bolt	M4x16
3	SP311679824004	Washer	4
4	SP311902100004	Washer	4
5	SP311679800004	Washer	4
6	SP310934000004	Nut	M4
7	SP311125000004	Washer	M4-4.3/9/0.8
8	SP555504	Bolt	M4x12
9	SP310934100004	Nut	M4
10	SP311125100004	Washer	4
11	SP311679800003	Washer	3
12	SP309798500306	Bolt	M3x6
13	SP518719	Bolt	M3x10
14	SP310934000005	Nut	M5
15	SP311679800005	Washer	5
16	SP311125000005	Washer	M5-5.3/10/1
17	SP310934100006	Nut	M6
18	SP311125100006	Washer	6
19	SP311679824006	Washer	6

# Control Panel

Models with "V" in model numbers 7th position

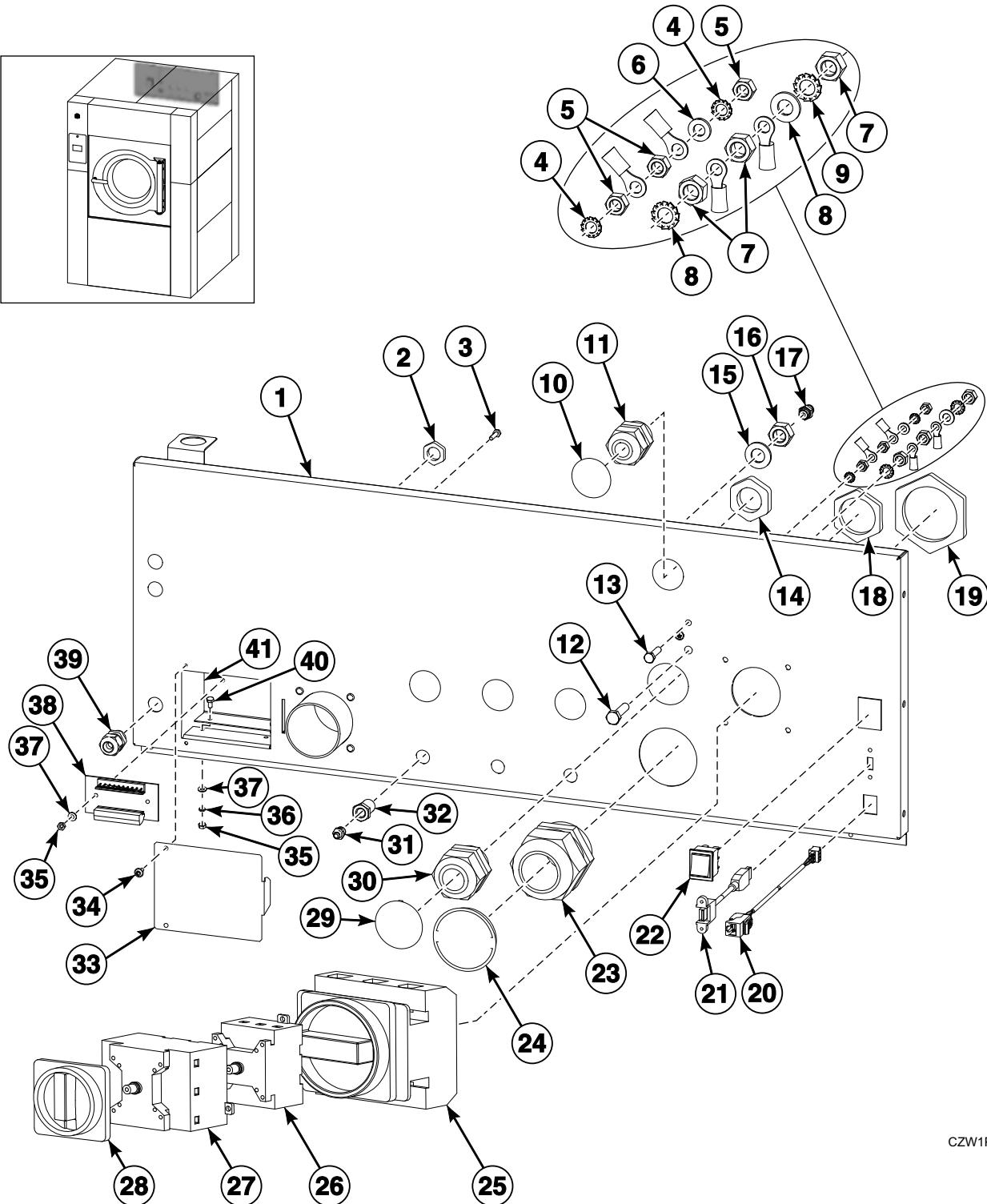
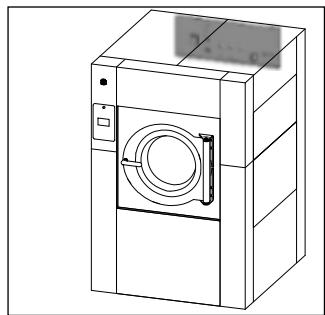


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# Control Panel

REF	PART NO.	DESCRIPTION	COMMENTS
1	SP528311	Emergency Stop Connector	
2	SP528312	Switching Unit	
3	SP516844	Buzzer	
4	SP311902100004	Washer	M4
5	SP311679800004	Washer	M4
6	SP310934000004	Nut	M4
7	SP309798500306	Bolt	M3x6
8	SP311679800003	Washer	M3
9	SP311125000004	Washer	M4
10	SP309084100416	Bolt	M4x16
11	553184	Control Board	For machines with tilting and weighing
	575630	Control Board	For machines without tilting and weighing
12	SP555504	Bolt	M4x12
13	567816	Top Holder	
14	567811	Programmer Holder	
15	SP528313	Cable Holder	
16	SP309933100625	Bolt	M6x25
17	567893	Programmer Cover	
18	567931	Hinge	
19	SP311679824006	Washer	M6
20	SP310934100006	Nut	M6
21	SP311125100006	Washer	M6
22	SP310934000005	Nut	M5
23	SP311679800005	Washer	M5
24	SP311125000005	Washer	M5
25	566786	Lower Holder	
26	577187	Plate of Relay	
27	SP518719	Bolt	M3x10
28	309500240408	Bolt	M4x8
29	577180	Cover Plate	Stainless Steel
	577182	Cover Plate	Black
	577183	Cover Plate	Grey
30	567818	Lock	
31	572505	Control	For machines with tilting and weighing
	575632	Control	For machines without tilting and weighing
32	SP528310	Emergency Stop Knob	
33	SPPRI551005248	Emergency Stop Label	
34	SP345000034148	Cable Socket	
35	561489	Leg Extension	

## Rear Panel



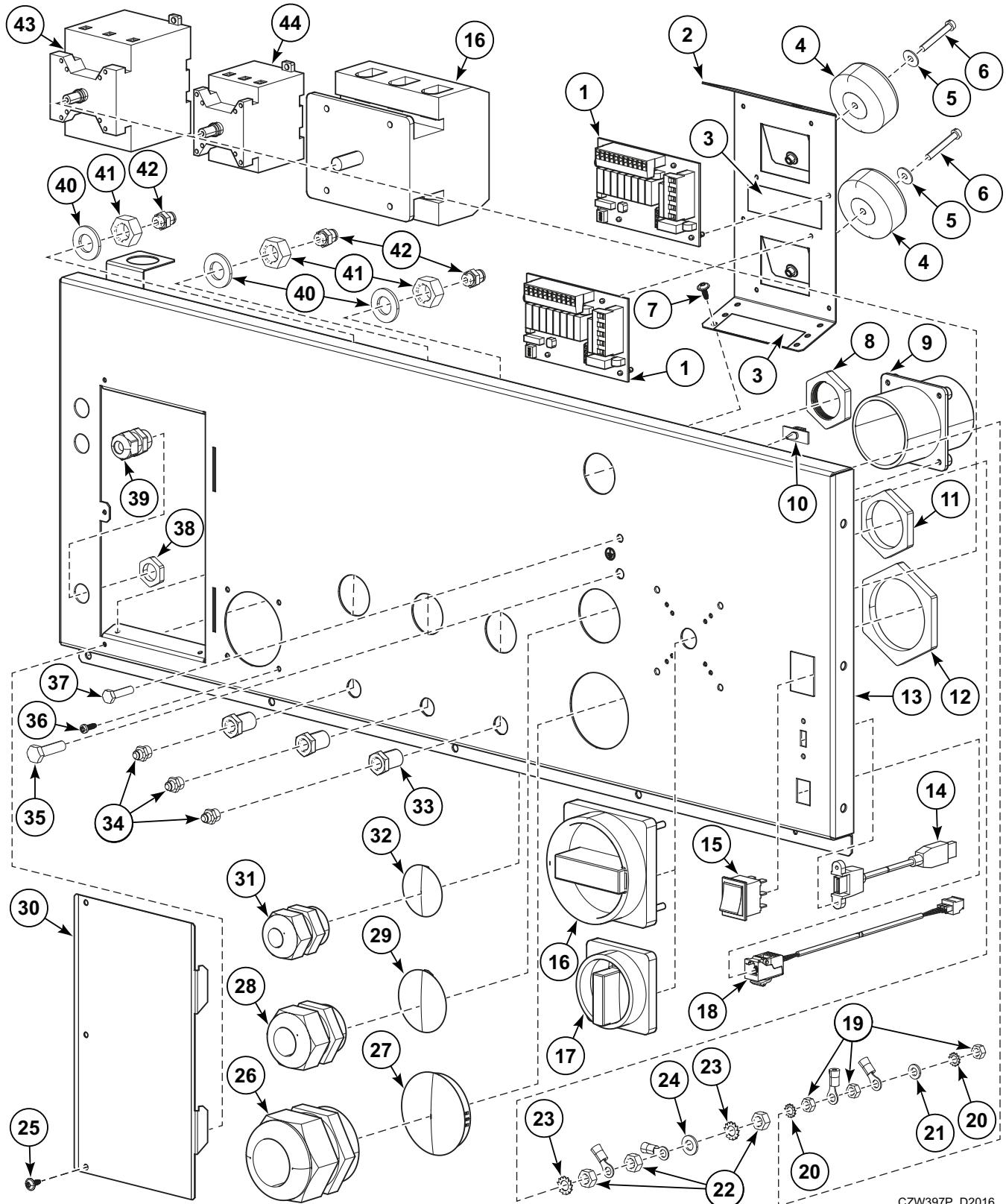
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## Rear Panel

REF	PART NO.	DESCRIPTION	COMMENTS
1	561420	Rear Panel Assembly	
2	SP101416	Nut	M16
3	SP309933000416	Bolt	M4x16
4	SP311679824006	Washer	6
5	SP310934100006	Nut	M6
6	SP311125100006	Washer	6
7	SP310934240008	Nut	M8
8	SP311679824008	Washer	8
9	SP311125240008	Washer	8
10	SP345900043132	Plug	For item 11
11	SP101409	Bushing	M32
12	SP309933240830	Bolt	M8x30
13	SP309933100625	Bolt	M6x25
14	SP101419	Nut	M32
15	SP311125000014	Washer	14
16	SP310936000014	Nut	M14
17	SP560729	Fitting	6 - M10x1
18	SP101420	Nut	M40; Used with item 30
19	SP516176	Nut	M63; Used with item 23
20	560725	Cable	RJ485; Includes connectors
21	560721	USB Cable	
22	SPPRI348000097	Switch	
23	SP516175	Cable Bushing	M63
24	SP559343	Plug	
25	SP504589	Main Switch	250A
	SP347700125175	Main Switch	125A
26	SPPRI404000099	Main Switch	63A
	SPPRI404000098	Main Switch	32A
27	SP347700100753	Main Switch	100A
28	SPPRI404000095	Main Switch Knob	
29	SP534913	Plug	
30	SP101410	Cable Bushing	M40
31	SP425111211043	Greasing Head	
32	SP230131300715	Reducing Sleeve	
33	SP547886	Rear Panel Lid	
34	SP529206	Screw	M4x11
35	SP310934000004	Nut	M4
36	SP311127000004	Washer	4
37	SP311125000004	Washer	M4-4.3/9/0.8
38	SP524714	Soap Relay Board	
	571519	Pump Relay Board to LED Terminal Cable	3.8m
39	SP101406	Bushing	M16
40	SP309933240408	Bolt	M4x8
41	SP540123	Liquid Detergent Box	

## Rear Panel

Models with "V" in model numbers 7th position

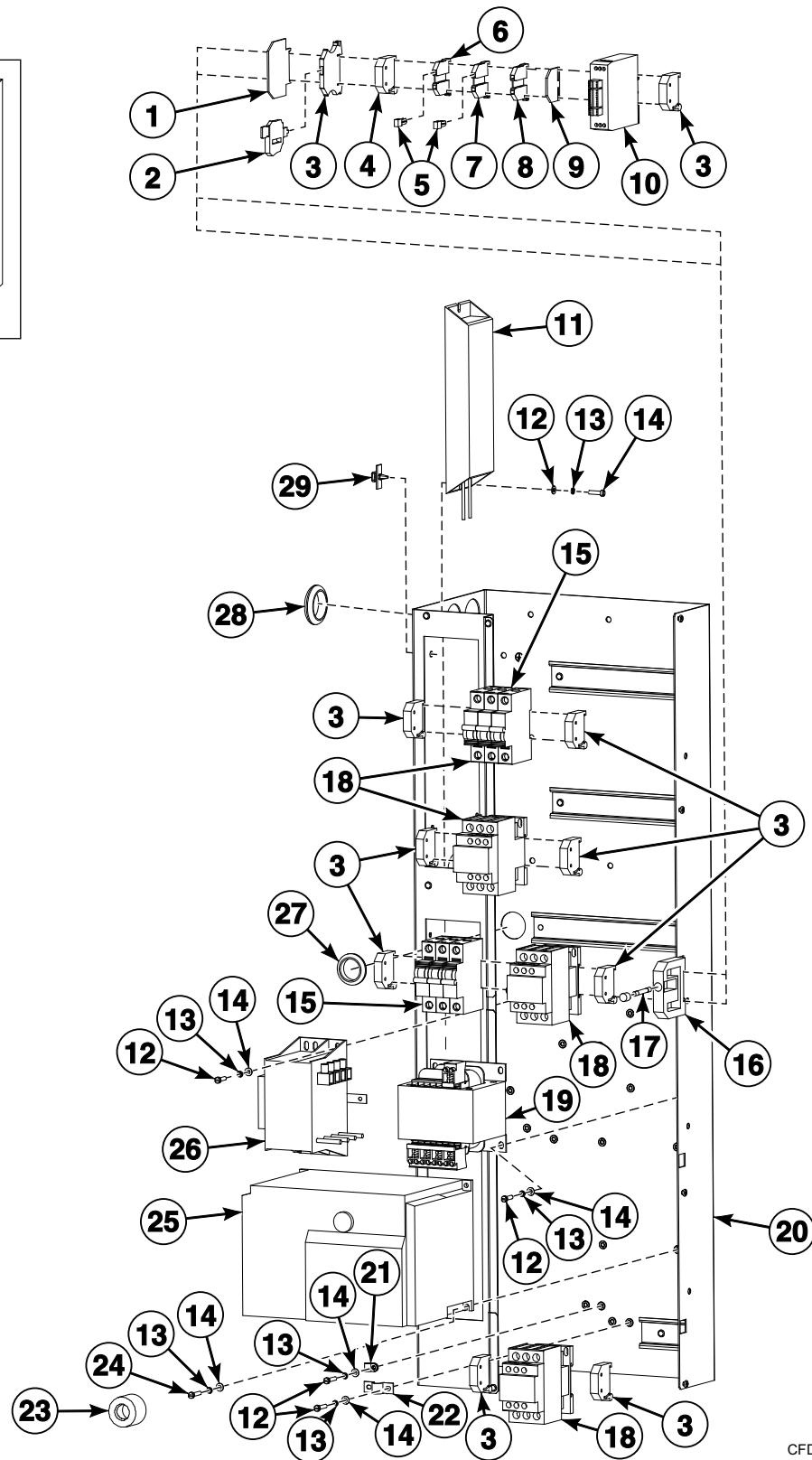
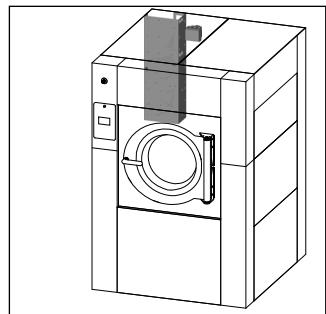


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## Rear Panel

REF	PART NO.	DESCRIPTION	COMMENTS
1	553187	Soap Relay Board	
2	577218	Holder	
3	570371	Label	
4	564561	Transformer	
5	SP505430	Washer	
6	SP309084000535	Bolt	M5x35
7	SP529206	Screw	M4x12
8	SP101419	Nut	
9	569462	Ventilation	
10	SP528313	Cable Holder	
11	SP101420	Nut	
12	SP516176	Nut	
13	577214	Rear Panel	
14	SP547006	USB Cable	
15	SPPRI348000097	Switch	
16	SP504589	Main Switch	250A
	SP347700125175	Main Switch	125A
17	SPPRI404000095	Main Switch Knob	
18	SP545234	Cable	
19	SP310934100006	Nut	M6
20	SP311679824006	Washer	6
21	SP311125100006	Washer	6
22	SP345000165034	Cable Eye	
23	SP310934240008	Nut	M8
24	SP311679824008	Washer	8
25	SP311125240008	Washer	8
26	552280	Cable Eye	
27	SP529206	Screw	4x11
28	SP516175	Cable Bushing	
29	SP559343	Plug	
30	SP101410	Cable Bushing	
31	SP534913	Plug	
32	577217	Rear Panel Lid	
33	SP101409	Bushing	
34	SP345900043132	Plug	
35	SP230131300715	Reducing Sleeve	
36	SP425111211043	Greasing Head	
37	SP309933240830	Bolt	M8x30
38	SP526497	Screw	
39	SP309933100625	Bolt	M6x25
40	SP101416	Nut	
41	SP101406	Bushing	
42	SP311125000014	Washer	
43	SP310936000014	Nut	
44	SP560729	Fitting	
45	SP347700100753	Main Switch	100A
46	SPPRI404000099	Main Switch	63A
	SPPRI404000098	Main Switch	32A

## Box of Electrical Components

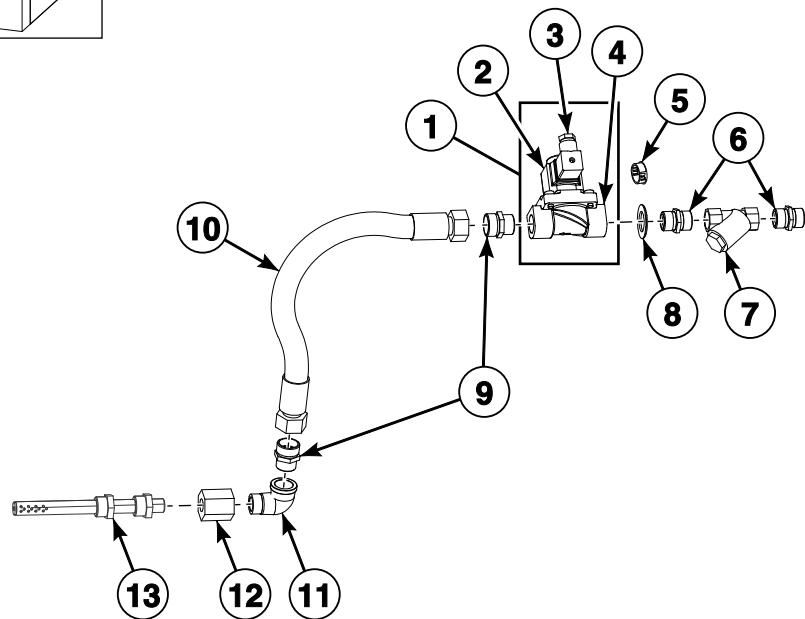
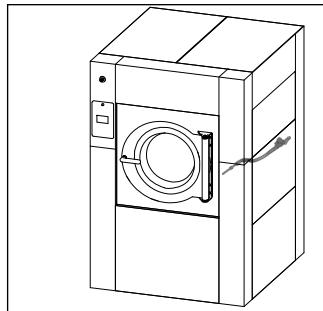


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# Box of Electrical Components

REF	PART NO.	DESCRIPTION	COMMENTS
	SP528325	Communication Cable	Used with item 25
	SPPRI345006045	Timer	100, 132, 450 and 600 models; Used with tilting system
	557997	Control Wiring	
	574410	Control Wiring MC10	
	564501	Electric Box Wiring	
	571460	Safety stop cable	
	569701	Interconnection flat cable, MC10	
	553403	Interconnection flat cable, MC7	
1	SP346000014010	Cover	
2	SP524654	Fuse Plug	
	SPPRI401020021	Fuse	1.6A; 5x20mm
3	SP346000209101	End Stop	
4	SP524653	Fuse Clip	
5	SP346000280402	Interconnection	280-402; Used with weighing system
6	SP346000280101	Clamp	280-101; Gray; Used with weighing system
7	SP346000280107	Clamp	280-107; Green-yellow; Used with weighing system
8	SP346000280104	Clamp	280-104; Blue; Used with weighing system
9	SP346000280301	Cover	Used with weighing system
10	SP516968	Amplifier	Used with weighing system
11	SP100925	Brake Resistor	
12	SP309084000416	Bolt	M4x16
13	SP311127000004	Washer	4
14	SP311125000004	Washer	M4-4.3/9/0.8
15	SP528294	Circuit Breaker	16A
	SPPRI401013021	Circuit Breaker	25A
	SPPRI401014021	Circuit Breaker	32A
	SP524785	Circuit Breaker	50A
16	SP346000004010	Fuse Case	
17	SP345805163032	Fuse	1A/500V
18	SP514038	Contactor	80 and 350 models; LC1-D09M7
	SP514042	Contactor	100, 132, 450 and 600 models; LC1-D18M7
	SPPRI345002019	Contactor	100, 132, 450 and 600 models; LC1-D32M7
19	SP101643	Transformer	
20	562785	Distribution Board	
21	SP502214	Clip	
22	SPPRI407000091	Cable Sleeve	
23	557961	Ferrite Core	
24	SP309084000420	Bolt	M4x20
25	571475	Frequency Inverter	80 and 350 models; 3x380-480V
	571477	Frequency Inverter	80 and 350 models; 3x200-240V
	571476	Frequency Inverter	100, 132, 450 and 600 models; 3x380-480V
	SP552380	Frequency Inverter	100, 132, 450 and 600 models; 3x200-240V
	SP528235	Frequency Inverter Fan	
26	SP557932	Frequency Inverter Filter	
27	SPPRI501000071	Cable Bushing	
28	SPPRI501001078	Cable Bushing	
29	SP528313	Cable Holder	

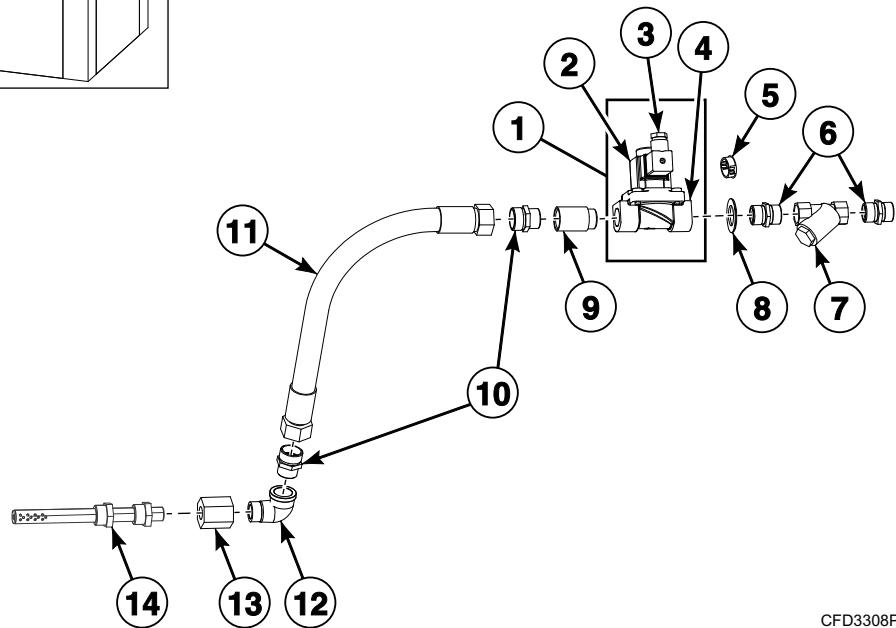
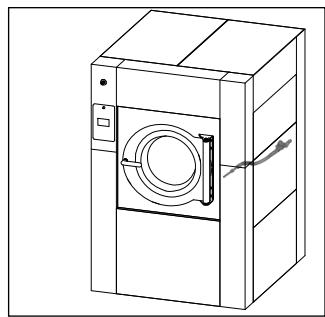
## Steam Supply - 80, 100, 350 and 450 Models



## Steam Supply - 80, 100, 350 and 450 Models

REF	PART NO.	DESCRIPTION	COMMENTS
	572128	Steam Kit	
	562830	Complete Steam Supply	
	245704000577	Adhesive	Loctite 577
	SP273454800034	External Steam Hose	l=0.8m; Includes item 6
	SP526564	Seal	
1	SP514162	Steam Valve	3/4 inch; Includes items 2-4
2	SP554110	Coil	50/60Hz
3	SP554156	Connector	
4	SP514166	Steam Valve Body	Coil not included
5	SPPRI505000064	Plug	Without steam supply
6	SP559310	Adapter	3/4 inch
7	SP405054057006	Steam Filter	3/4 inch
8	SP223111000814	Washer	
9	SPF02116001814	Reduction	
10	SP535941	Steam Hose	
11	SP536517	Elbow	3/4 inch
12	SPB01117002014	Reduction	
13	SPF02116100014	Steam Pipe	

## Steam Supply - 132 and 600 Models

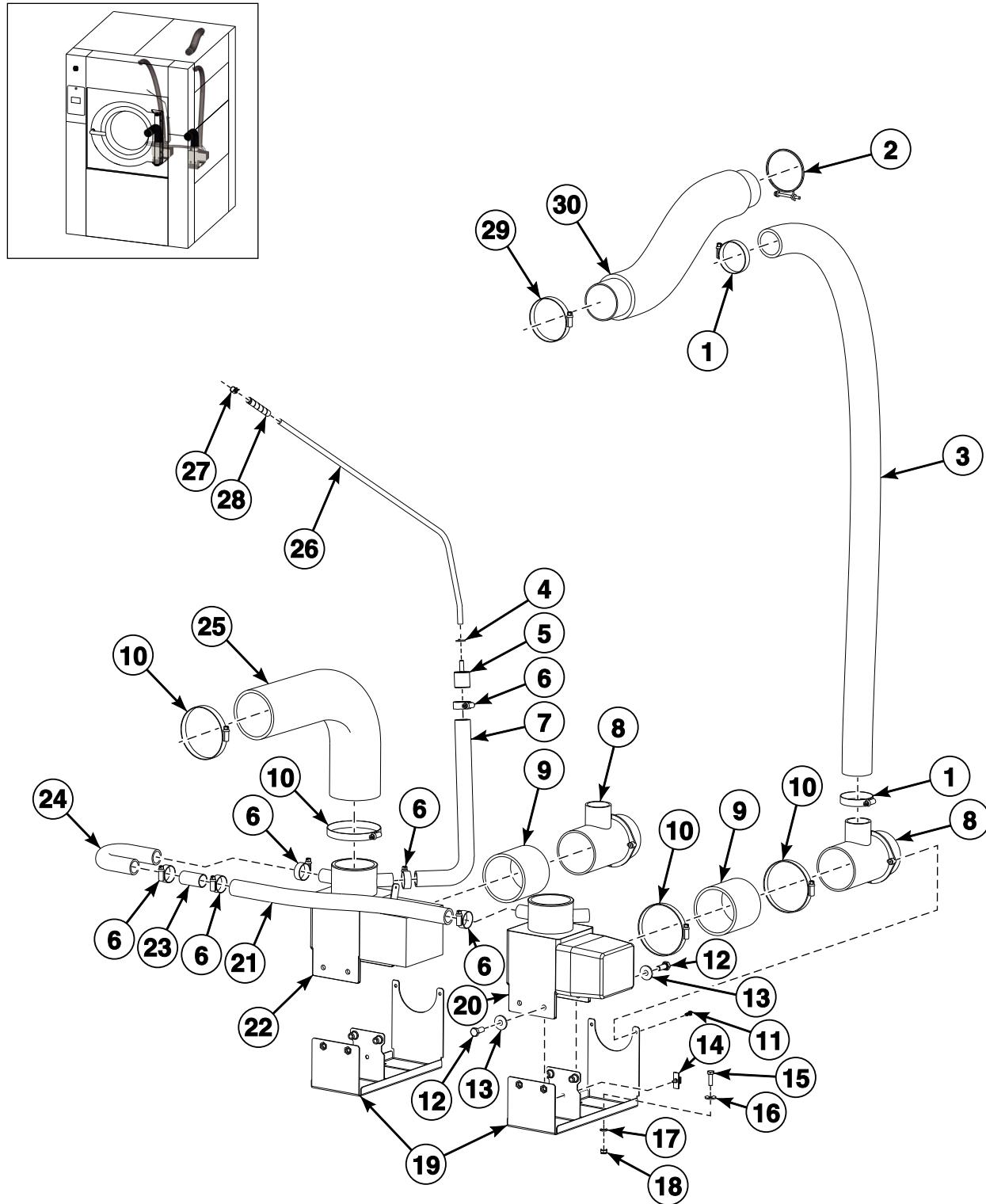


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## Steam Supply - 132 and 600 Models

REF	PART NO.	DESCRIPTION	COMMENTS
	572129	Steam Kit	
	562829	Complete Steam Supply	
	245704000577	Adhesive	Loctite 577
	SP273454800034	External Steam Hose	l=0.8m; Includes item 6
	SP526564	Seal	
1	SP514162	Steam Valve	3/4 inch; Includes items 2-4
2	SP554110	Coil	50/60Hz
3	SP554156	Connector	
4	SP514166	Steam Valve Body	Coil not included
5	SPPRI505000064	Plug	Without steam supply
6	SP559310	Adapter	3/4 inch
7	SP405054057006	Steam Filter	3/4 inch
8	SP223111000814	Washer	
9	SPPRI426003217	Extension	3/4 inch
10	SPF02116001814	Reduction	
11	SP535941	Steam Hose	
12	SP536517	Elbow	3/4 inch
13	SPB01117002014	Reduction	
14	SPF02116100014	Steam Pipe	

## Drain System With Recycle



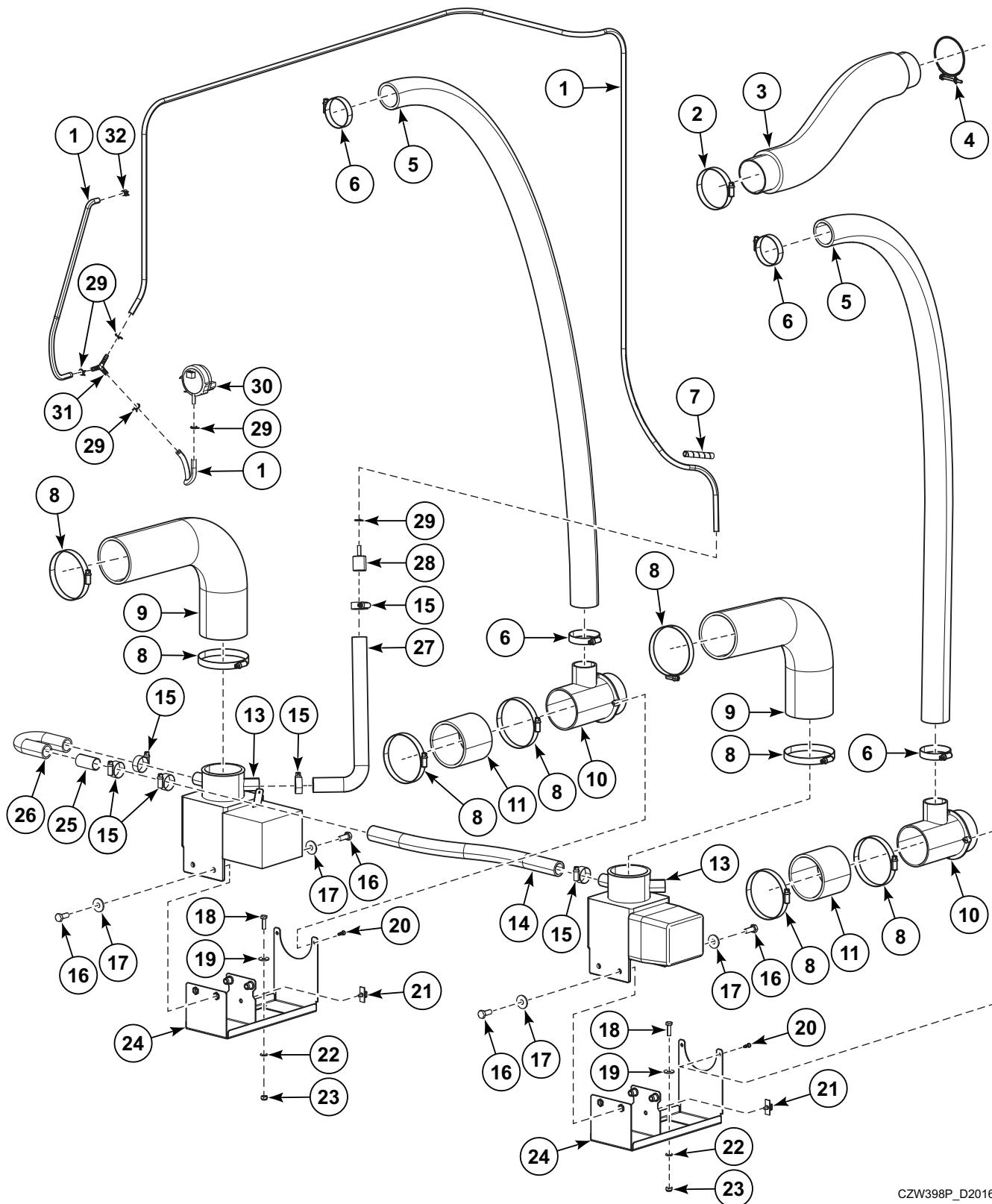
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## Drain System With Recycle

REF	PART NO.	DESCRIPTION	COMMENTS
1	SPPRI240000017	Hose Clamp	
2	SP526491	Hose Clamp	62-70
3	562873	Hose	
4	SPPRI241000017	Hose Clamp	
5	SPPRI503000027	Air Trap Reduction	
6	SPPRI240000003	Hose Clamp	
7	SPR35100017014	Air Trap Elbow	
8	SP526454	Tee	
9	562782	Connection	
10	SPPRI240000007	Hose Clamp	
11	SP526497	Screw	M4x12
12	SP309933000820	Bolt	M8x20
13	SP311902100008	Washer	8
14	SP528313	Cable Holder	
15	SP309933000620	Bolt	M6x20
16	SP311902100006	Washer	6
17	SP311125000006	Washer	M6-6.4/12/1.6
18	SP310985000006	Nut	M6
19	562781	Valve Holder	
20	SPPRI340055051	Drain Valve	Black; Includes 567183 Drain Valve Chamber, SPPRI340002051 Drain Valve Motor and 554276 Drain Valve Seal
	554276	Drain Valve Seal	
21	SPPRI503002049	Hose	
22	SPPRI340072051	Recycle Drain Valve	Black; Includes 567183 Drain Valve Chamber, SPPRI340002051 Drain Valve Motor and 554276 Drain Valve Seal; Used with option drain valve with opposite function; Non-CE
	554276	Drain Valve Seal	
23	223110400114	Connection Part	
24	SP511269	Hose	
25	562790	Drain Elbow	80 and 350 models
	561552	Drain Elbow	100 and 450 models
	562802	Drain Elbow	132 and 600 models
26	SPPRI540001003	Water Level Switch Hose	
27	SP540183	Spring Clamp	
28	SP283449080200	Spiral	
29	SPPRI240000021	Hose Clamp	
30	F02104001213	Hose	

# Drain System With Recycle

Models with "V" in model numbers 7th position

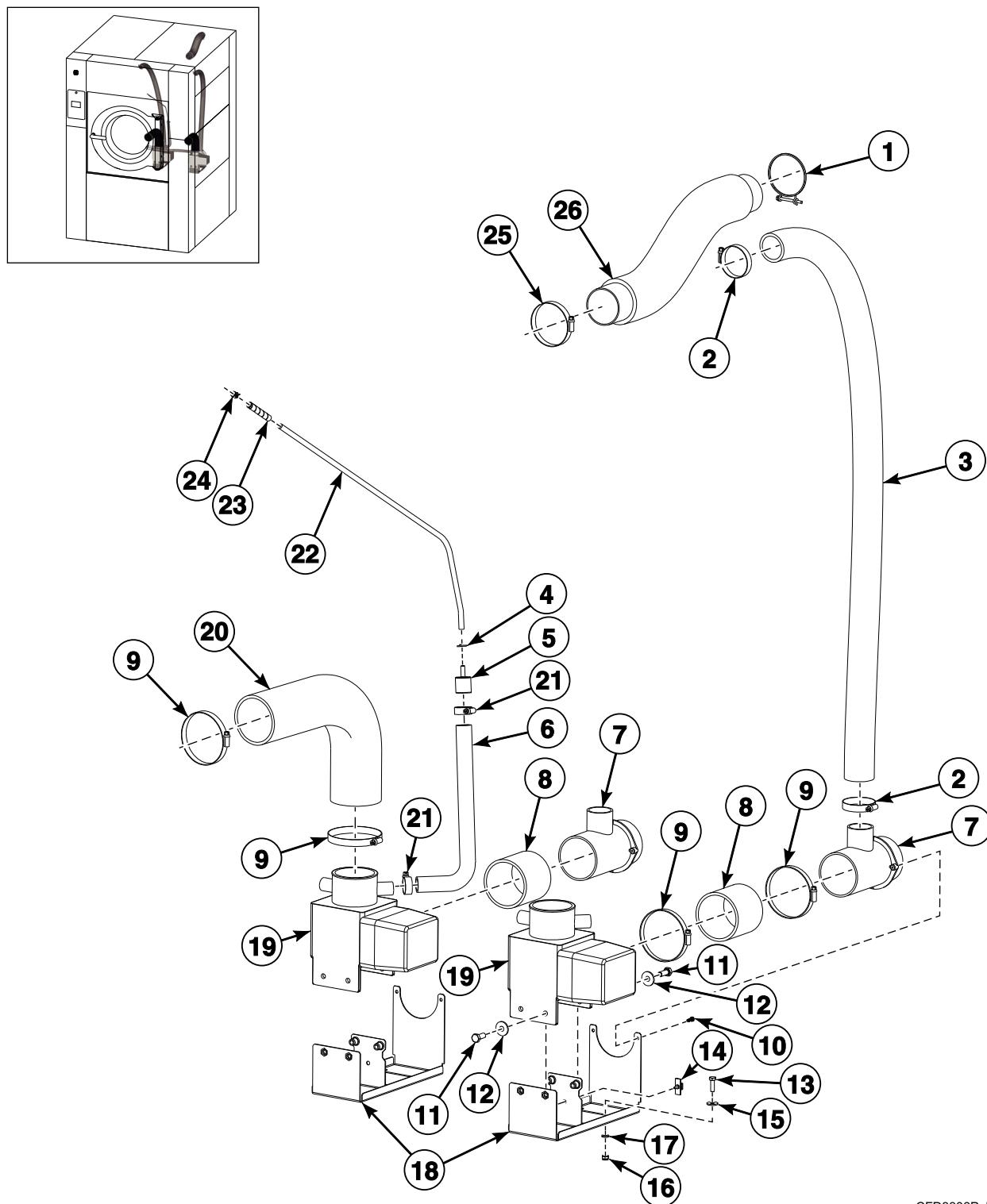


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## Drain System With Recycle

REF	PART NO.	DESCRIPTION	COMMENTS
1	SPPRI540001003	Water Level Switch Hose	2,6m
	SPPRI540001003	Water Level Switch Hose	0,45m
	SPPRI540001003	Water Level Switch Hose	0,18m
2	PRI240000021	Hose Clamp	
3	F02104001213	Hose	
4	SP526491	Hose Clamp	
5	562873	Hose	1,22m
6	SPPRI240000017	Hose Clamp	
7	SP283449080200	Spiral	
8	SPPRI240000007	Hose Clamp	
9	562790	Drain Elbow	350 models
	561552	Drain Elbow	450 models
	562802	Drain Elbow	600 models
10	SP526454	Tee	
11	562782	Connection	
12	SPPRI340072051	Recycle Drain Valve	
13	SPPRI340055051	Drain Valve	
14	SPPRI503002049	Hose	
15	SPPRI240000003	Hose clamp	
16	SP309933000820	Bolt	M8x20
17	SP311902100008	Washer	8
18	SP309933000620	Bolt	M6x20
19	SP311902100006	Washer	6
20	SP526497	Screw	4x12
21	SP528313	Cable Holder	
22	SP311125000006	Washer	
23	SP310985000006	Nut	M6
24	562781	Valve Holder	
25	223110400114	Connection Part	
26	511269	Hose	
27	SPR35100017014	Air Trap Elbow	
28	SPPRI503000027	Air Trap Reduction	
29	SPPRI241000017	Hose Clamp	
30	570315	Water Level Switch	
31	SPPRI503000028	Y-Piece	
32	SP540183	Spring Clamp	

# Drain System Without Recycle



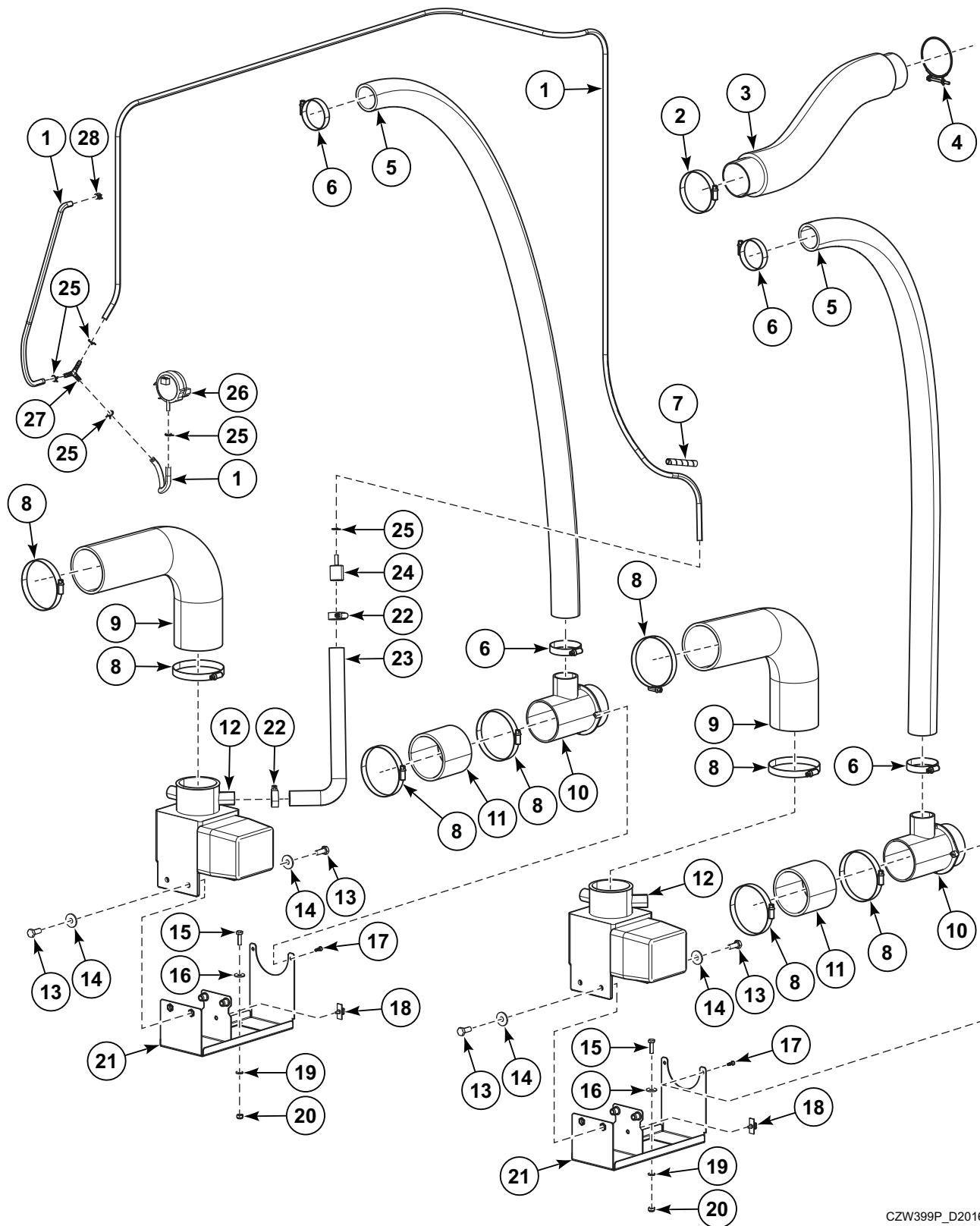
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## Drain System Without Recycle

REF	PART NO.	DESCRIPTION	COMMENTS
1	SP526491	Hose Clamp	62-70
2	SPPRI240000017	Hose Clamp	
3	562873	Hose	
4	SPPRI241000017	Hose Clamp	
5	SPPRI503000027	Air Trap Reduction	
6	SPR35100017014	Air Trap Elbow	
7	SP526454	Tee	
8	562782	Connection	
9	SPPRI240000007	Hose Clamp	
10	SP526497	Screw	M4x12
11	SP309933000820	Bolt	M8x20
12	SP311902100008	Washer	8
13	SP309933000620	Bolt	M6x20
14	SP528313	Cable Holder	
15	SP311902100006	Washer	6
16	SP310985000006	Nut	M6
17	SP311125000006	Washer	M6-6.4/12/1.6
18	562781	Valve Holder	
19	SPPRI340055051	Drain Valve	Black; Includes 567183 Drain Valve Chamber, SPPRI340002051 Drain Valve Motor and 554276 Drain Valve Seal
	SPPRI340072051	Recycle Drain Valve	Black; Includes 567183 Drain Valve Chamber, SPPRI340002051 Drain Valve Motor and 554276 Drain Valve Seal; Used with option drain valve with opposite function; Non-CE
	554276	Drain Valve Seal	
20	526790	Drain Elbow	80 and 350 models
	561552	Drain Elbow	100 and 450 models
	562802	Drain Elbow	132 and 600 models
21	SPPRI240000003	Hose Clamp	
22	SPPRI540001003	Water Level Switch Hose	
23	SP283449080200	Spiral	
24	SP540183	Spring Clamp	
25	SPPRI240000021	Hose Clamp	
26	F02104001213	Hose	

# Drain System Without Recycle

Models with "V" in model numbers 7th position

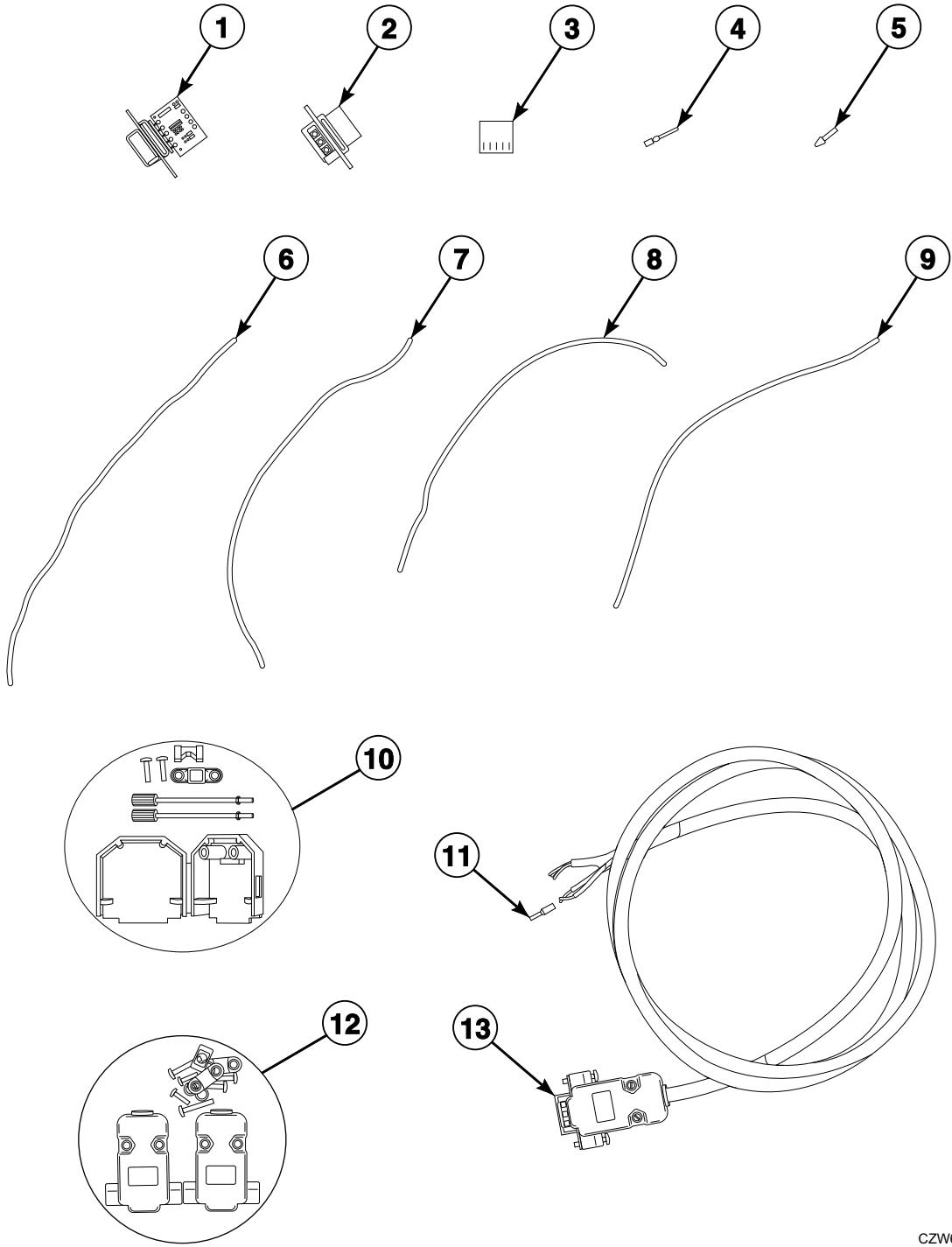


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## Drain System Without Recycle

REF	PART NO.	DESCRIPTION	COMMENTS
1	SPPRI540001003	Water Level Switch Hose	2,6m
	SPPRI540001003	Water Level Switch Hose	0,45m
	SPPRI540001003	Water Level Switch Hose	0,18m
2	PRI240000021	Hose Clamp	
3	F02104001213	Hose	
4	SP526491	Hose Clamp	
5	562873	Hose	1,22m
6	SPPRI240000017	Hose Clamp	
7	SP283449080200	Spiral	
8	SPPRI240000007	Hose Clamp	
9	562790	Drain Elbow	350 models
	561552	Drain Elbow	450 models
	562802	Drain Elbow	600 models
10	SP526454	Tee	
11	562782	Connection	
12	SPPRI340055051	Drain Valve	
13	SP309933000820	Bolt	M8x20
14	SP311902100008	Washer	8
15	SP309933000620	Bolt	M6x20
16	SP311902100006	Washer	6
17	SP526497	Screw	4x12
18	SP528313	Cable Holder	
19	SP311125000006	Washer	
20	SP310985000006	Nut	M6
21	562781	Valve Holder	
22	SPPRI240000003	Hose Clamp	
23	SPR35100017014	Air Trap Elbow	
24	SPPRI503000027	Air Trap Reduction	
25	SPPRI241000017	Hose Clamp	
26	570315	Water Level Switch	
27	SPPRI503000028	Y-Piece	
28	SP540183	Spring Clamp	

# Weighing System



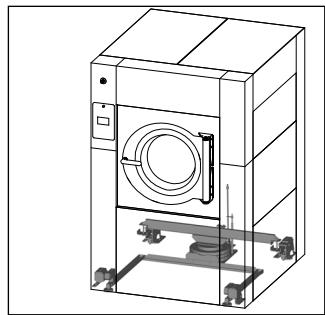
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## Weighing System

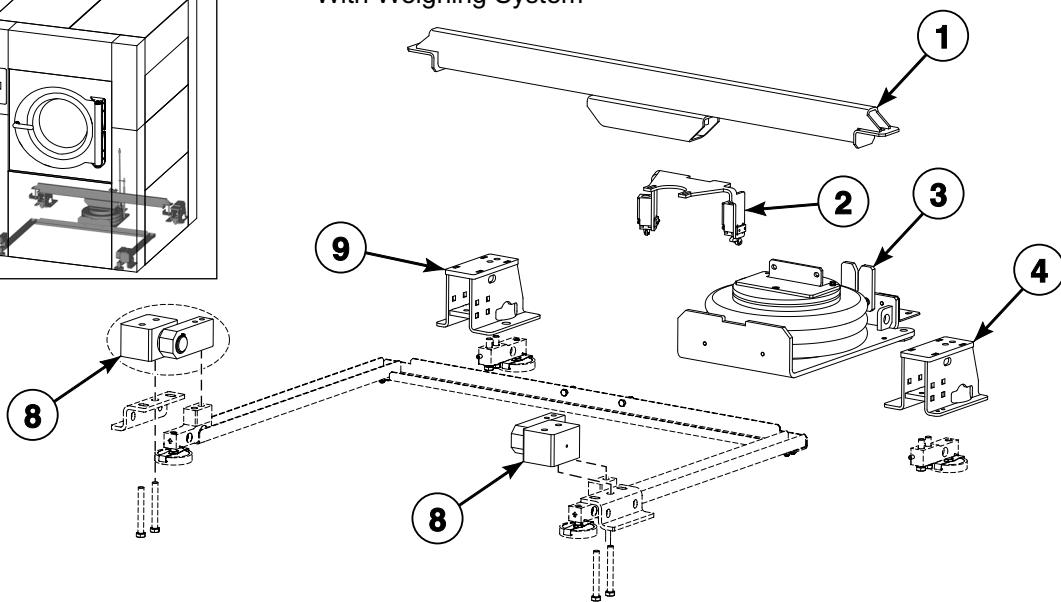
REF	PART NO.	DESCRIPTION	COMMENTS
1	SP516964	Converter	
2	SP520082	Connector	9 poles
3	SP516090	Connector	5 poles
4	SP345001662931	Contact Pin	
5	SPPRI350002018	Contact	
6	SP505444	Conductor	0.35mm <sup>2</sup> ; Green; I=0.5m
7	SP341413007001	Conductor	0.35mm <sup>2</sup> ; Red; I=2.7m
8	SP341413007002	Conductor	0.35mm <sup>2</sup> ; Orange; I=0.5m
9	SP505446	Conductor	0.35mm <sup>2</sup> ; Blue; I=2.7m
10	SP516997	Converter Box	Used with item 1
11	557936	Isolation Cavity	
12	SP347100306009	Connector Box	Used with item 2
13	SP341414000205	Shield Cable	2x0.5; I=2.2m; Without connector; Used with item 2 and 12

# Tilting and Weighing System - 100, 132, 450 and 600 Models

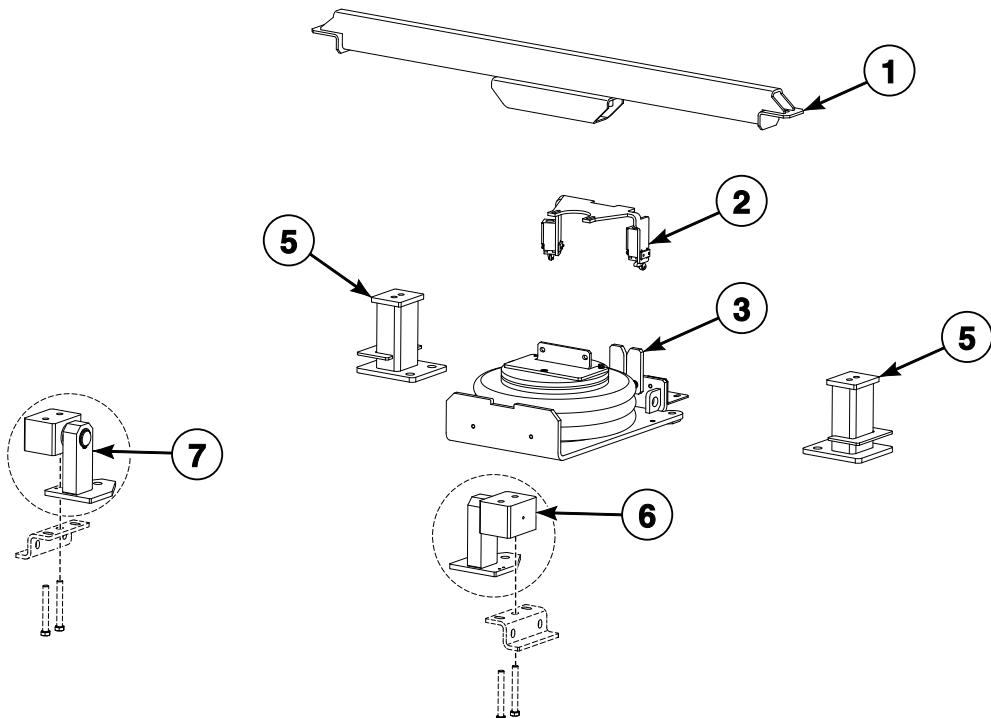
## (Drawing 1 of 3)



With Weighing System



Without Weighing System



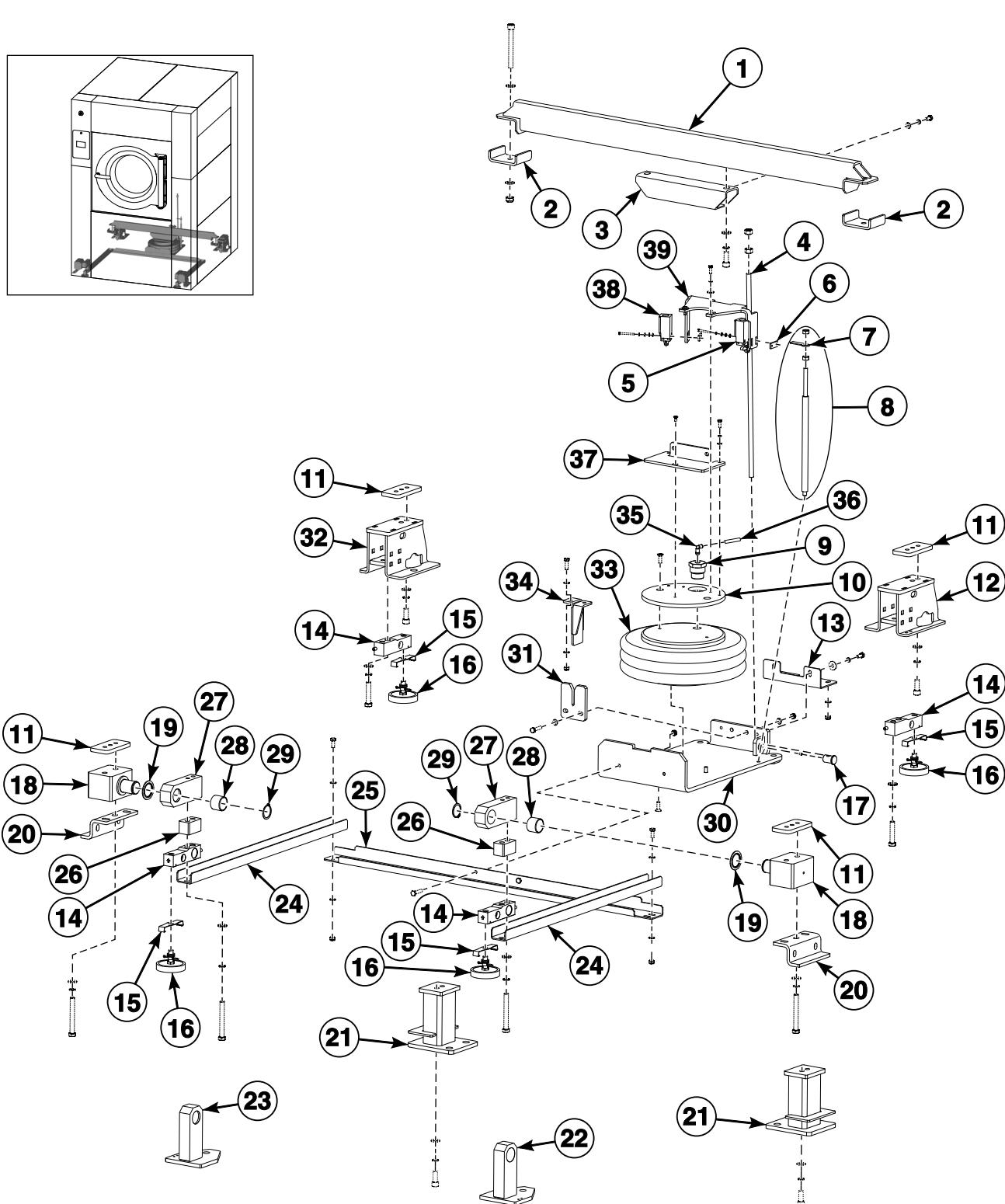
CFD3371P\_D2016

## **Tilting and Weighing System - 100, 132, 450 and 600 Models (Drawing 1 of 3)**

REF	PART NO.	DESCRIPTION	COMMENTS
1	561689	Upper Support	
2	564255	Holder	With switches
3	564162	Plate	With air spring
4	564226	Foot	Rear; With weighing system
5	564168	Fixed Foot	Rear; Without weighing system
6	564165	Hinge	Right; Without weighing system
7	564164	Hinge	Left; Without weighing system
8	564160	Hinge	With weighing system
9	564227	Foot	Rear; With weighing system

# Tilting and Weighing System - 100, 132, 450 and 600 Models

## (Drawing 2 of 3)



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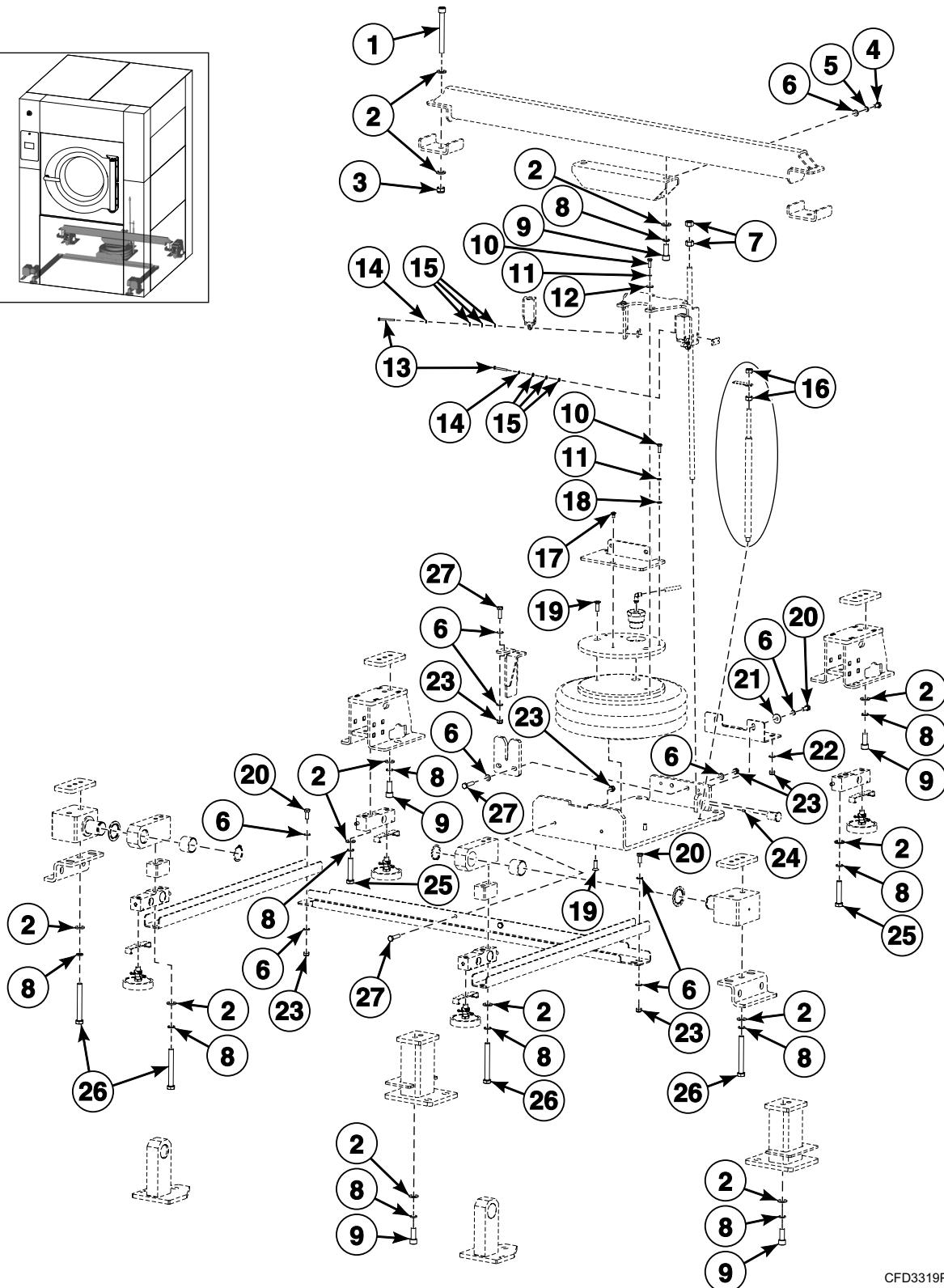
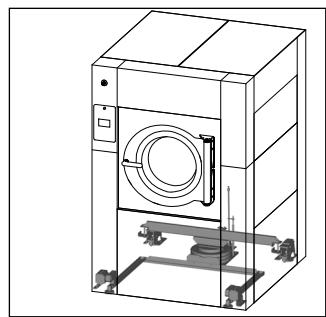
# Tilting and Weighing System - 100, 132, 450 and 600 Models

## (Drawing 2 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
	SP514101	Adhesive	Loctite 5069
	SP245704003021	Adhesive	Loctite 243
1	564129	Support	Upper
2	564130	Washer	
3	564128	Support	Upper
4	SP552132	Draw Bar	
5	SPPRI345000070	Position Switch	
6	SP529323	T-Square	
7	564261	Tongue	
8	564176	Stop Console	Upper
9	SP548001	Reduction	G 1 inch - G 1/4 inch
10	564264	Washer	
11	561672	Connection Plate	
12	564226	Foot	Rear; With weighing system
13	564111	Connection Sheet	
14	SP529101	Load Sensor	With weighing system
15	SP552123	Clamp	With weighing system
16	SP516956	Adjustable Foot	With weighing system
17	SP552131	Draw Bar Pin	
18	561682	Hinge	Upper
19	561687	Washer	
20	564161	Cabinet Holder	Front
21	564168	Fixed Foot	Rear; Without weighting system
22	564137	Foot Hinge	Right lower; Without weighing system
23	564135	Foot Hinge	Left lower; Without weighing system
24	564157	Draw Bar	With weighing system
25	564233	Draw Bar Partition	With weighing system
26	564131	Distance Prism	With weighing system
27	561685	Hinge	Lower; With weighing system
28	561686	Sleeve	
29	564258	Retaining Ring	35
30	561693	Air Spring Plate	
31	SP552725	Stop	Lower
32	564227	Foot	Rear; With weighing system
33	510853	Air Spring	G 1 inch
34	561694	Stop	Upper
35	SP319428330800	Pipe Nipple	L8; G 1/4 inch
36	SP31930008125	Hose	8x1.25
37	SP552164	Air Spring Support	
38	SP506572	Position Switch	
39	564263	Switch Holder	

# Tilting and Weighing System - 100, 132, 450 and 600 Models

## (Drawing 3 of 3)



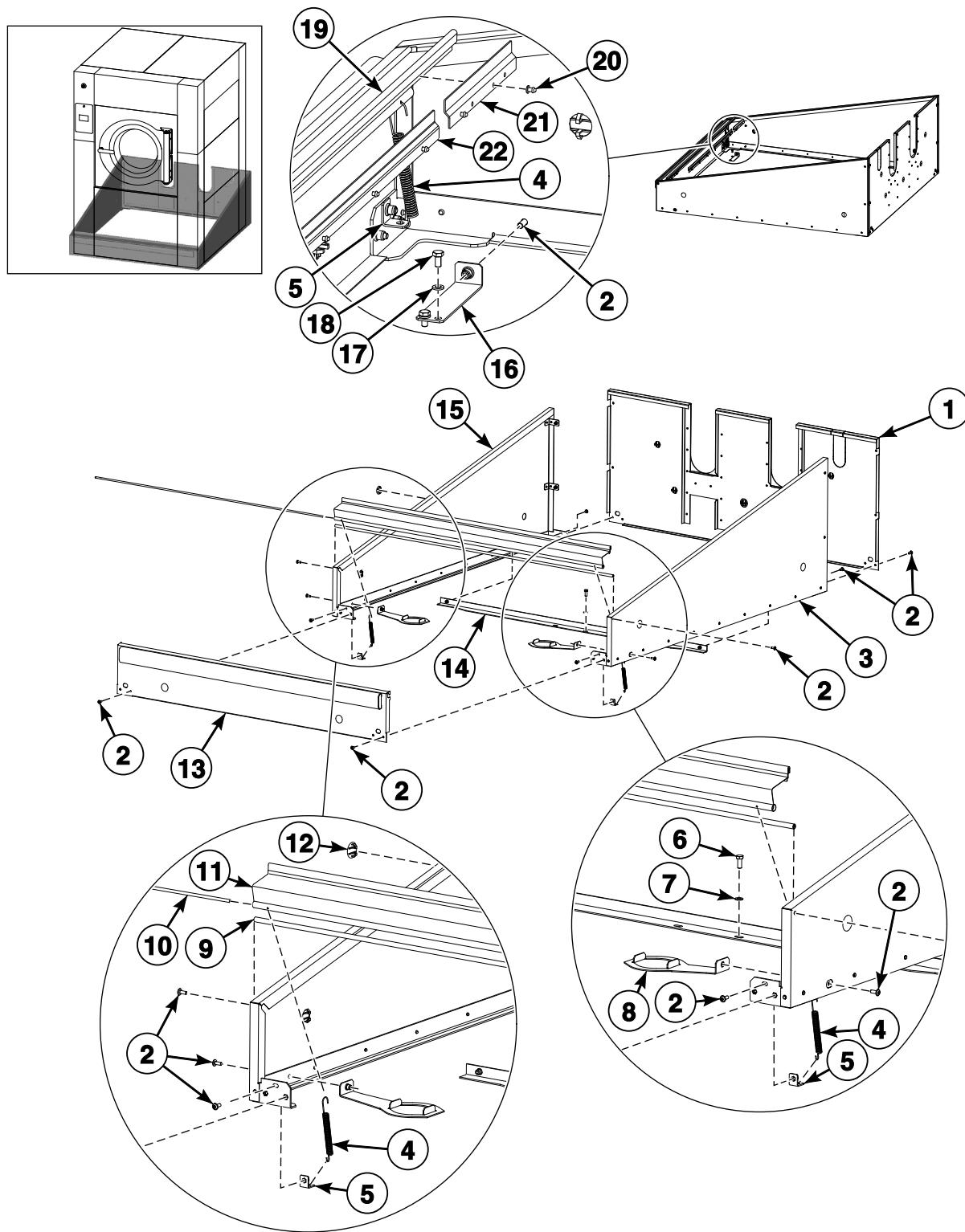
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# Tilting and Weighing System - 100, 132, 450 and 600 Models

## (Drawing 3 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
	SP514101	Adhesive	Loctite 5069
	SP245704003021	Adhesive	Loctite 243
1	564257	Bolt	M12x110
2	SP311125000013	Washer	13
3	SP310985000012	Nut	M12
4	SP309933000820	Bolt	M8x20
5	SP311127000008	Washer	8
6	SP311125000008	Washer	8
7	SP310934000012	Nut	M12
8	SP311127000012	Washer	12
9	SP309912101230	Bolt	M12x30
10	SP309933000618	Bolt	M6x18
11	SP311127000006	Washer	6
12	SP311902100006	Washer	6
13	SP512134	Bolt	M4x40
14	SP311127000004	Washer	4
15	SP311125000004	Washer	M4-4.3/9/0.8
16	SP310934000010	Nut	M10
17	SP309966240610	Screw	M6x12
18	SP311125000006	Washer	M6-6.4/12/1.6
19	SP551432	Bolt	M8x25
20	SP309933000820	Bolt	M8x20
21	SP311902100008	Washer	8
22	SP311125240008	Washer	8
23	SP310985000008	Nut	M8
24	SP525168	Bolt	M5x8
25	SP309933001260	Bolt	M12x60; With weighing system
26	SP309933001299	Bolt	M12x100
27	SP309933000835	Bolt	M8x35

# Tilting Cabinet - 100, 132, 450 and 600 Models

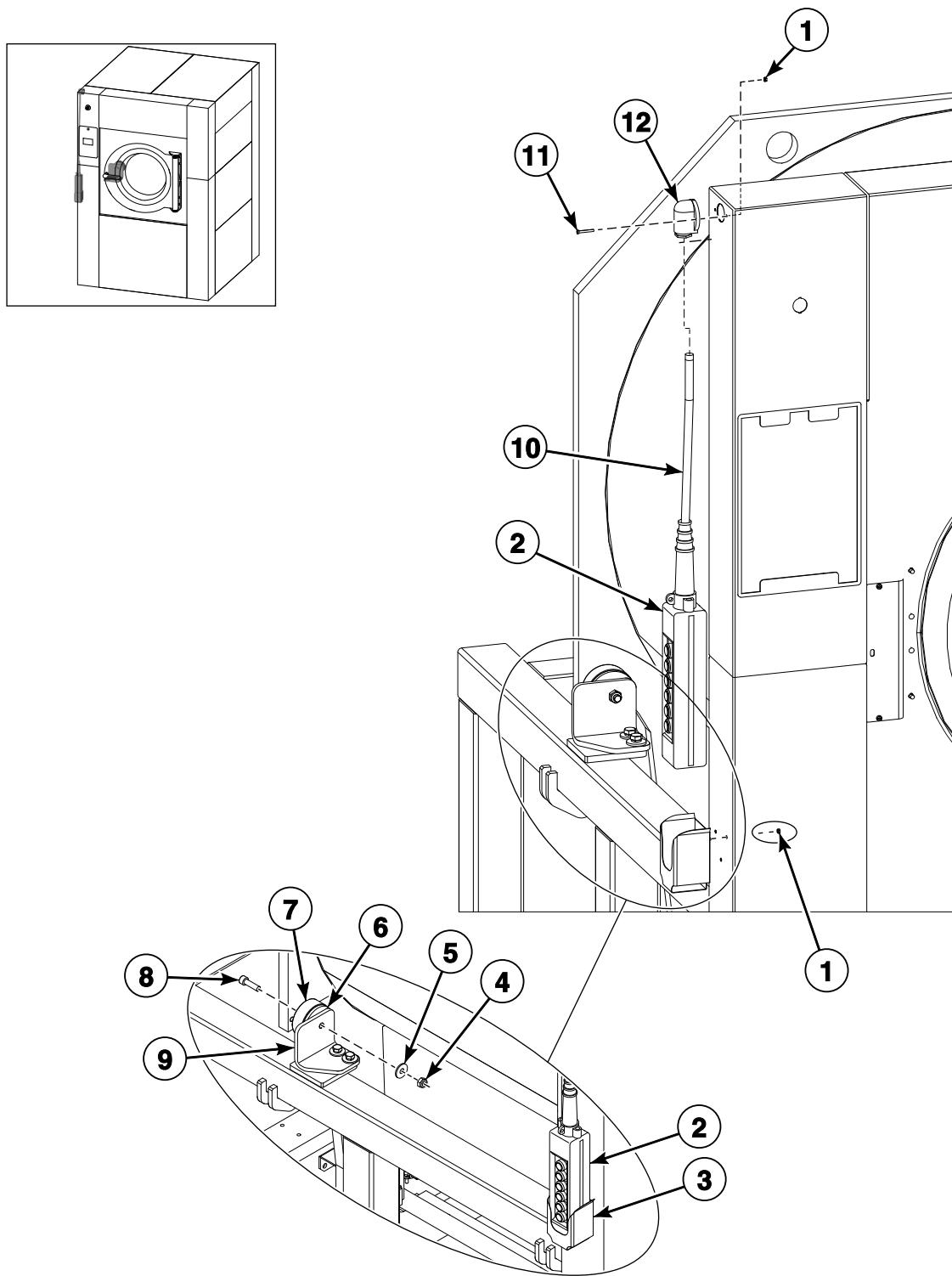


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## Tilting Cabinet - 100, 132, 450 and 600 Models

REF	PART NO.	DESCRIPTION	COMMENTS
	564109	Tilting Cabinet	With weighing system
	564256	Tilting Cabinet	Without weighing system
1	564119	Cover	Rear
2	SP537864	Bolt	M6x16
3	564116	Cover	Right
4	SP505372	Spring	
5	564248	Spring Console	
6	SP309933000820	Bolt	M8x20
7	SP311125240008	Washer	8
8	564125	Cover Holder	Side; With weighing system
9	564251	Rod	
10	564253	Rod	
11	564242	Protective Roller Blind	Includes items 4, 10 and 19-22
12	SP345900032132	Plug	
13	564123	Cover	Front
14	564110	Bar	Rear
15	564112	Cover	Left
16	564139	Cover Holder	Side; Without weighing system
17	SP311125000006	Washer	M6-6.4/12/1.6; Without weighing system
18	SP309933000612	Bolt	M6x12; Without weighing system
19	564252	Cloth	
20	505479	Rivet	4x8
21	564250	Bar	
22	564249	Bar	

## Tilting System Control and Drum (Tub) Security - 100, 132, 450 and 600 Models

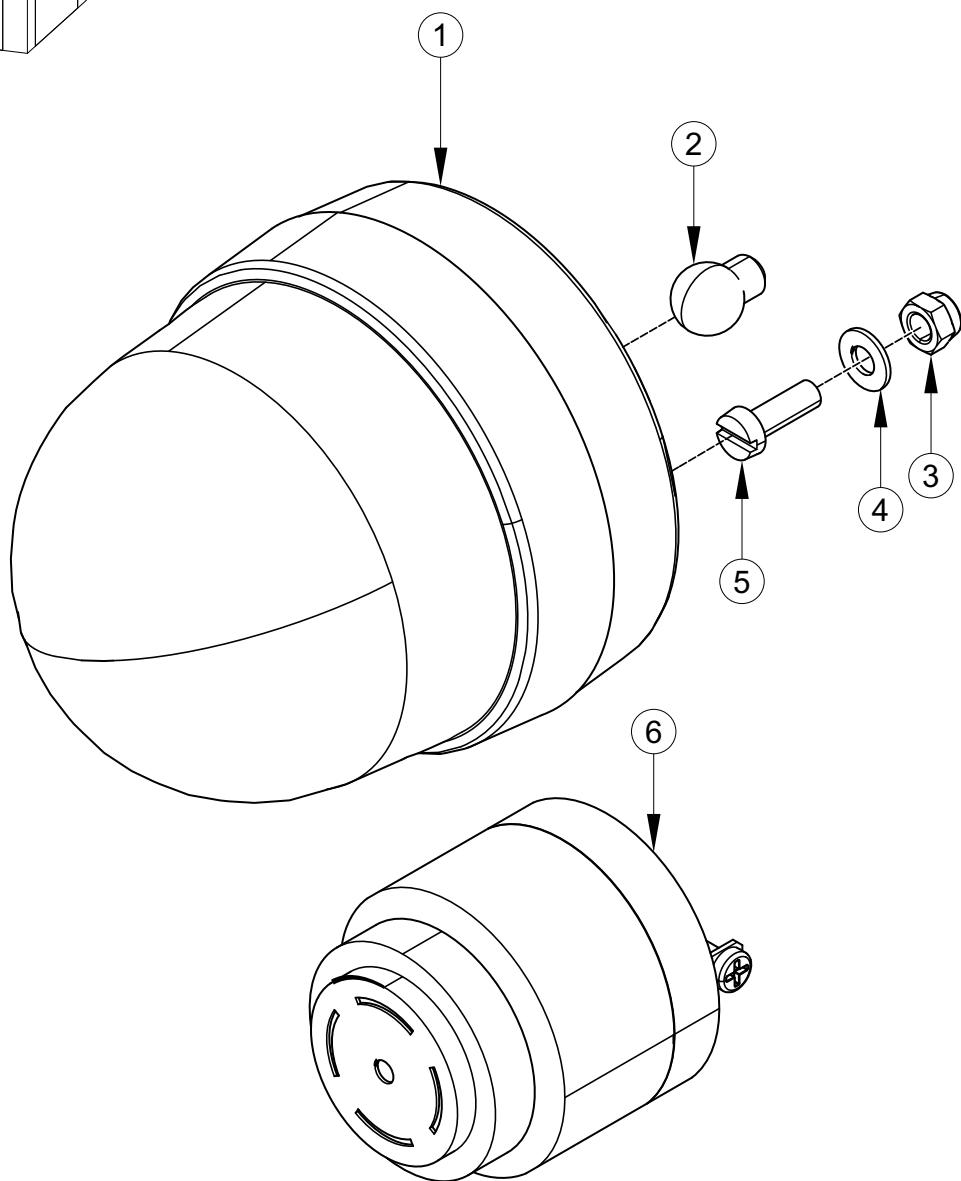
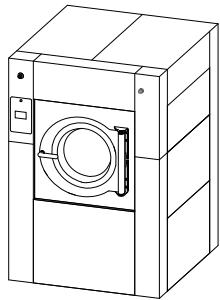


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## **Tilting System Control and Drum (Tub) Security - 100, 132, 450 and 600 Models**

<b>REF</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>COMMENTS</b>
<b>1</b>	SP514193	Nut	M4
<b>2</b>	SP510818	Control	
<b>3</b>	SP541219	Remove Box	
<b>4</b>	SP310985000010	Nut	M10
<b>5</b>	SP311125000010	Washer	M10-10.5/20/2
<b>6</b>	SP511930	Washer	
<b>7</b>	SP511929	Stopper	
<b>8</b>	SP309912001040	Bolt	M10x40
<b>9</b>	564188	Console Block	100 and 450 models; Left
	564186	Console Block	100 and 450 models; Right
	564184	Console Block	132 and 600 models; Left
	564182	Console Block	132 and 600 models; Right
<b>10</b>	SP528387	Cable	12x0.75
<b>11</b>	SP550482	Bolt	M4x25
<b>12</b>	SP510819	Flange Angle Bushing	

## End of Cycle Light and Buzzer

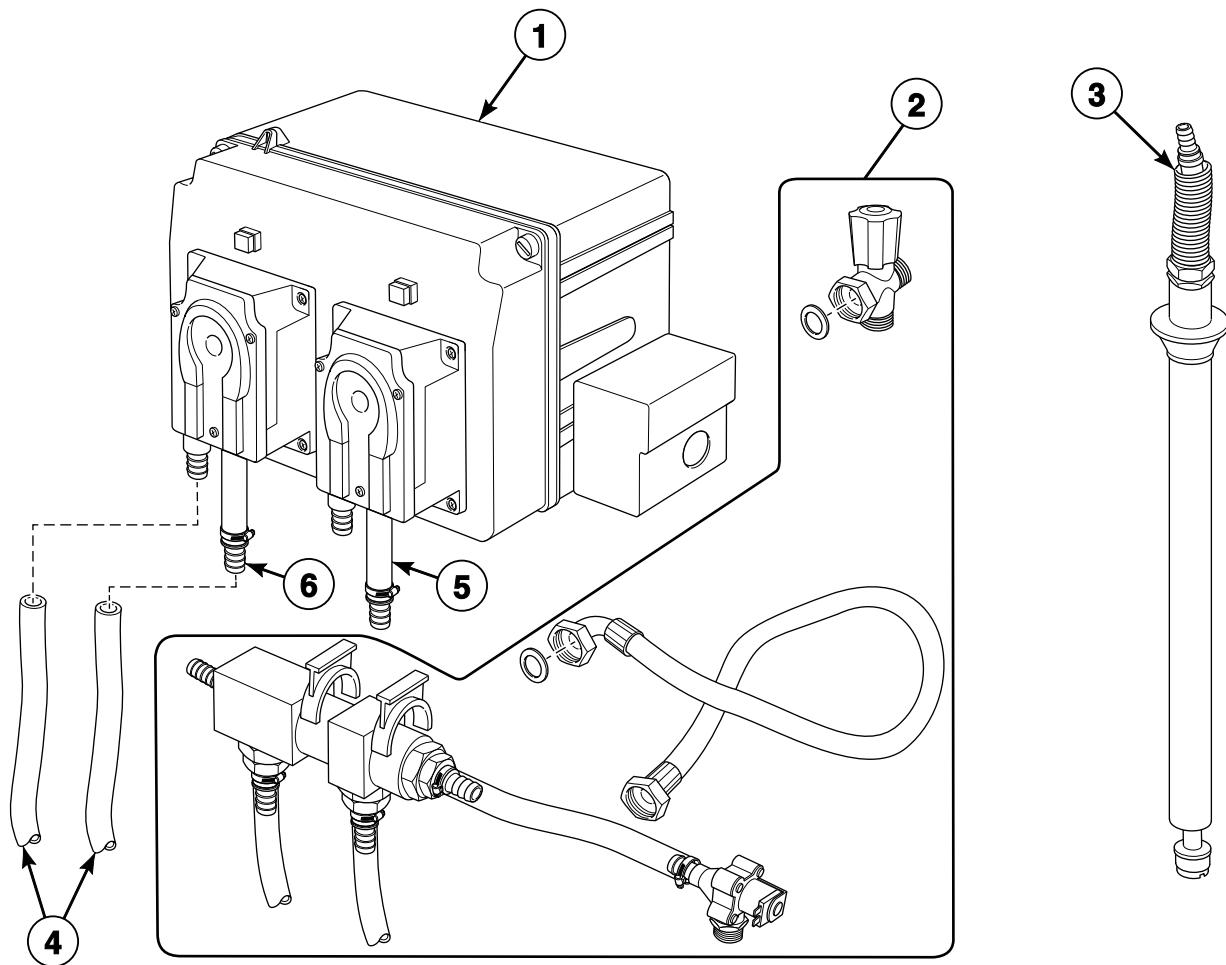


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## End of Cycle Light and Buzzer

REF	PART NO.	DESCRIPTION	COMMENTS
	SP552428	Relay Board Connection Cable	
	564288	End of Cycle Light	
	571465	Cable	
1	SP564690	End of Cycle Beacon	
2	SP514132	Bulb	
3	SP514193	Nut	M4
4	SP311125000004	Washer	M4-4.3/9/0.8
5	SP309084000412	Bolt	M4x12
6	SP516844	Buzzer	Refer to <i>Control Panel</i> page

## Liquid Soap Supply System (Pumps)

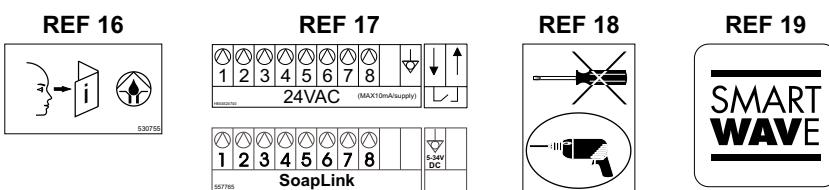
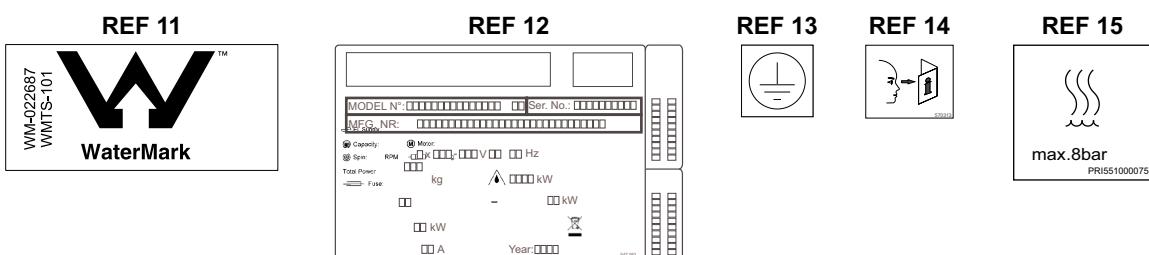
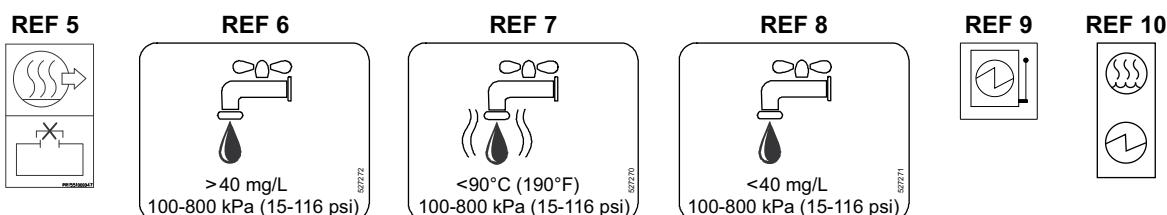
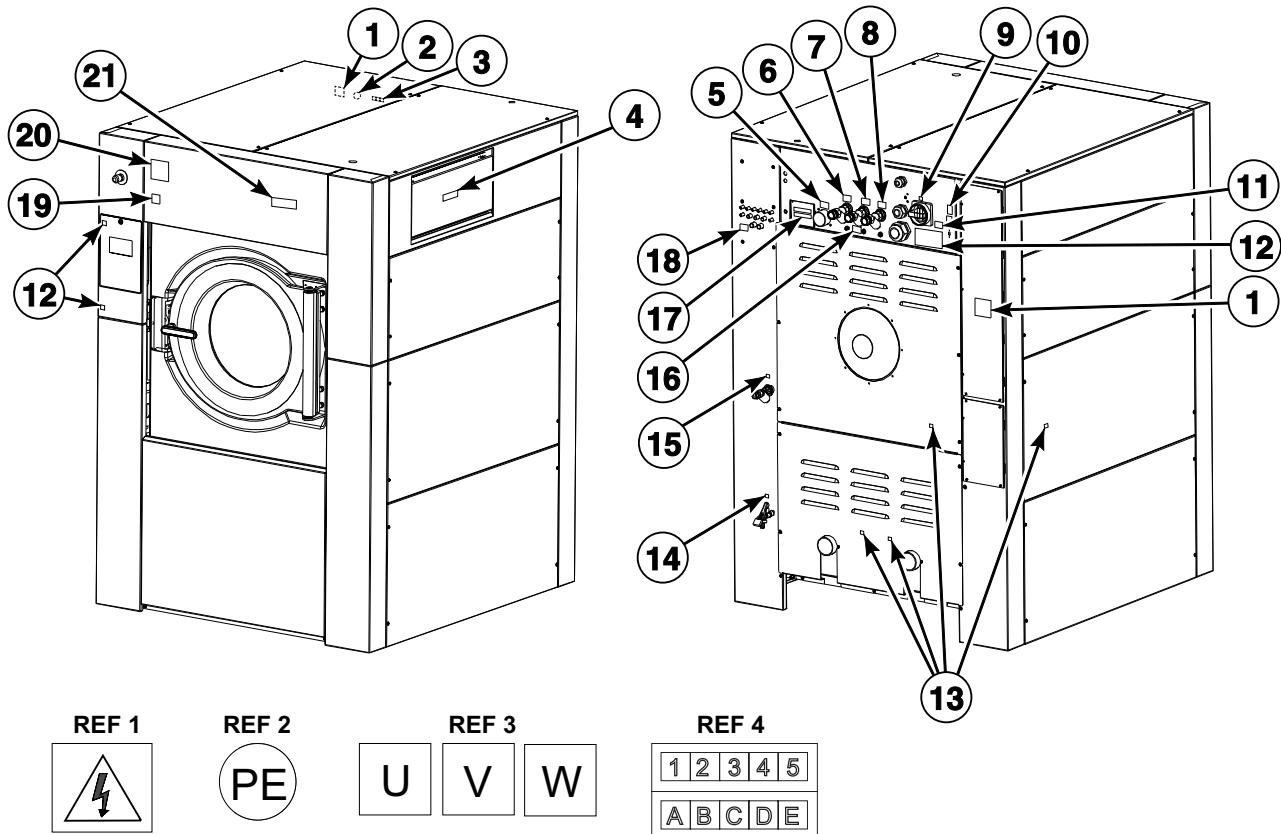


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## Liquid Soap Supply System (Pumps)

REF	PART NO.	DESCRIPTION	COMMENTS
	MB90-Z40	Supply Pump Kit	For two pumps
	MB90-Z41	Supply Pump Kit	For three pumps
	MB90-Z42	Supply Pump Kit	For four pumps
	MB90-Z43	Supply Pump Kit	For five pumps
	MB90-Z44	Supply Pump Kit	For six pumps
1	529742	Pump	Two
	529743	Pump	Three
	529744	Pump	Four
	529745	Pump	Five
	529746	Pump	Six
2	529789	Manifold Flush Kit	For two pumps
	529797	Manifold Flush Kit	For three pumps
	529798	Manifold Flush Kit	For four pumps
	529799	Manifold Flush Kit	For five pumps
	529800	Manifold Flush Kit	For six pumps
3	529787	Suction Tube	
4	SPPRI540020005	Hose	d10/14
5	529747	Hose	Spare hose for pump
6	547808	Connection	

# Decals



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# Decals

REF	PART NO.	DESCRIPTION	COMMENTS
1	SP230200007514	Label	Lightning; Inside machine and outside on lid
2	SPPRI551006001	Label	PE; Inside machine
3	548011075015	Label	U V W PE; Inside machine
4	SP548000091014	Label	Soap hopper
5	SPPRI551000047	Label	Exhaust
6	SP527272	Index Plate	Cold hard water; Refer to <i>Filling System</i> page
7	SP527270	Index Plate	Hot water; Refer to <i>Filling System</i> page
8	SP527271	Index Plate	Cold soft water; Refer to <i>Filling System</i> page
9	SP530764	Label	Main switch
10	509472	Label	Steam - electricity
11	567184	Label	Watermark; Water approval for Australia
12	SPPRI551000001	Earthing Index Plate	
	1226	Nameplate	JLA 80 models; Logo
	1227	Nameplate	JLA 100 models; Logo
	1228	Nameplate	JLA 132 models; Logo
13	570313	Label	Read instructions before using
14	548000101014	Label	Steam
15	547563	Serial Plate	Used with SP516715 Transparent Foil
16	SP516715	Transparent Foil	Self-adhesive
	SP530755	Greasing Index Plate	
17	SP524740	Label	Electrical connection; Pump 24V; Outside the box
	557765	Label	SoapLink; Inside the box
18	SP523382	Label	Holes to be drilled not punched
19	B12535501	Label	IY models; Logo Smartwave
	1225	Label	JLA models; Logo SMART
	1224	Label	JLA models; Logo CLEAN
20	B12389801	Nameplate	IY models; Logo
21	532265	Nameplate	AF models; Logo
	567887	Logo Label	FX and PY models; Logo
	572486	Label	Lion logo
	F8443105	Nameplate	UY models; Logo
	RSP70115601	Nameplate	SY models; Logo



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