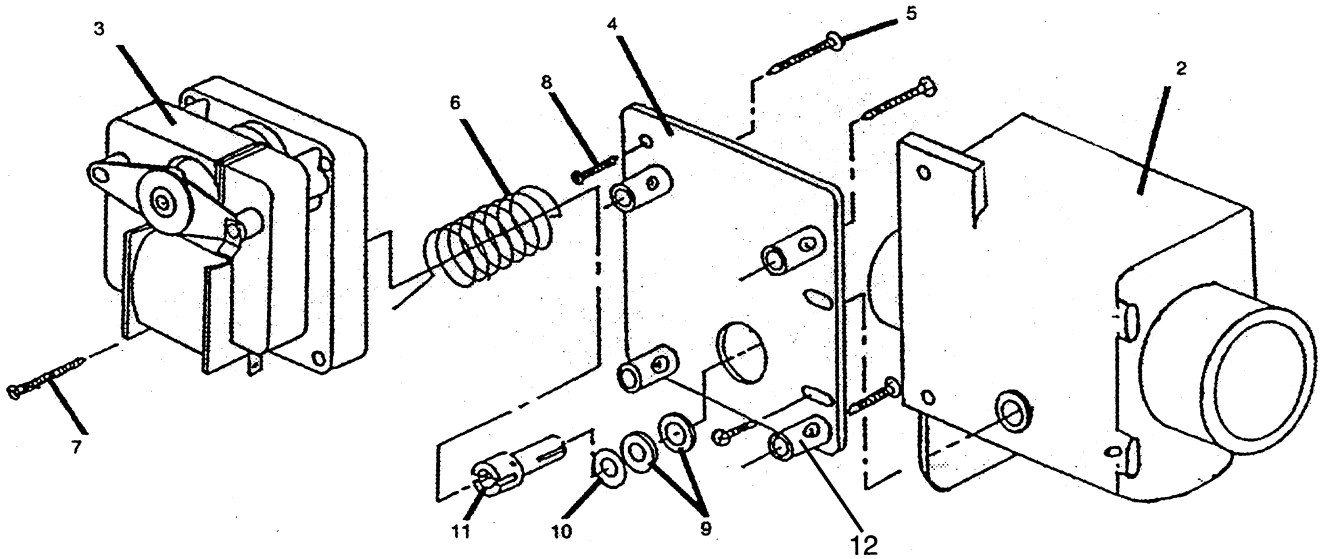


DRAIN VALVE GROUP

Key	Part Number	Description	
	9379-187-001	Valve, Drain (includes #2 thru #11)	1
2	9064-070-001	Body, Valve (w/ball)	1
3	9914-137-001	Motor & Gear Train	1
4	9452-538-001	Plate, Motor Mtg	1
5	8639-994-001	Screw	3
6	9534-339-001	Spring, Drive	1
7	9545-054-001	Screw	2
8	9545-054-002	Screw	1
9	9532-134-001	Seal, V Packer	2
10	8641-584-001	Washer	1
11	9451-196-001	Pin, Main Drive	1
12	9538-149-001	Spacer, Plate Motor Mtg	4



TERMINAL BLOCKS

Key	Part Number	Description	
*	9897-033-002	Terminal Block, power	1
*	9558-025-001	Terminal Marker Strip	1
*	9545-031-001	Screw	2
*	9897-032-002	Terminal Block, Injector	1
*	9558-028-001	Terminal Marker Strip	1
*	9545-053-002	Screw	2

LABELS

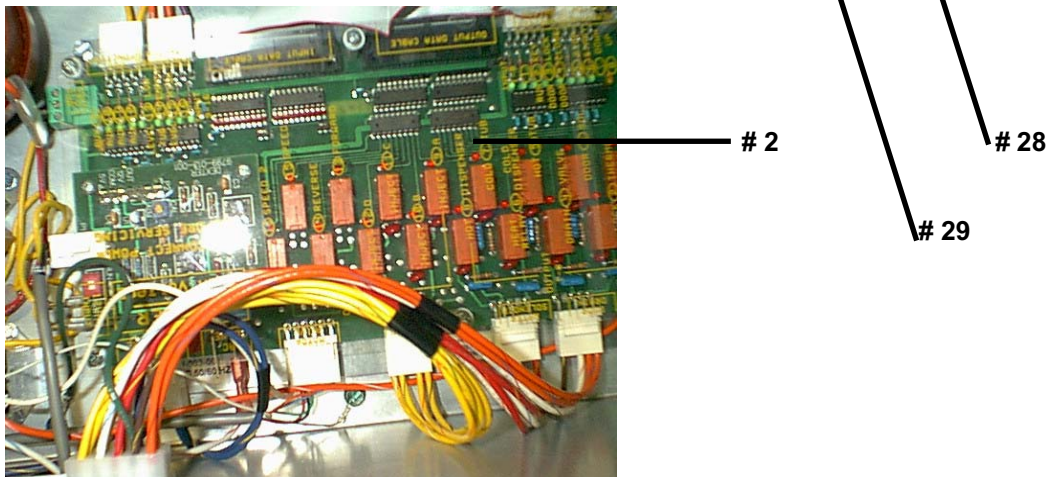
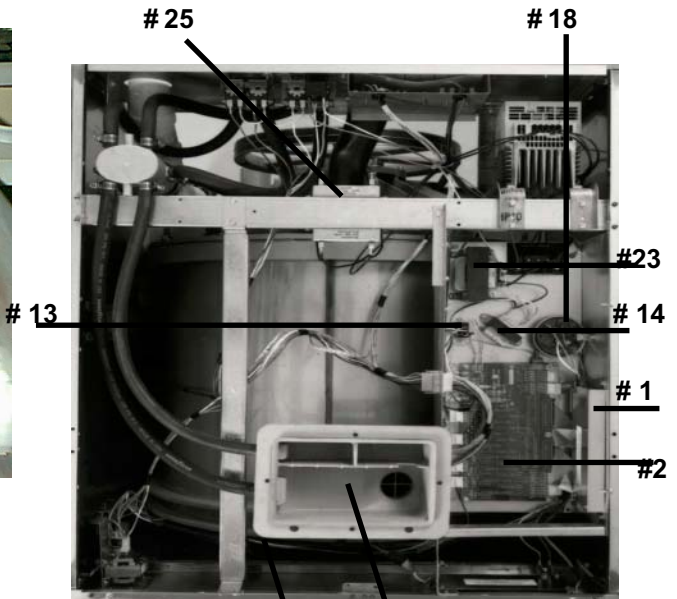
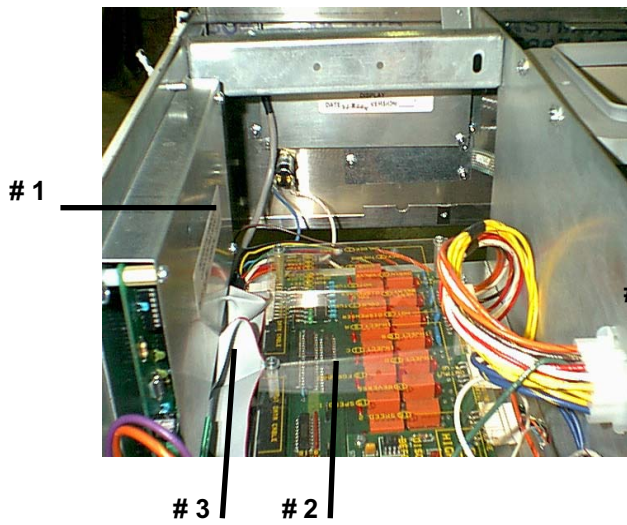
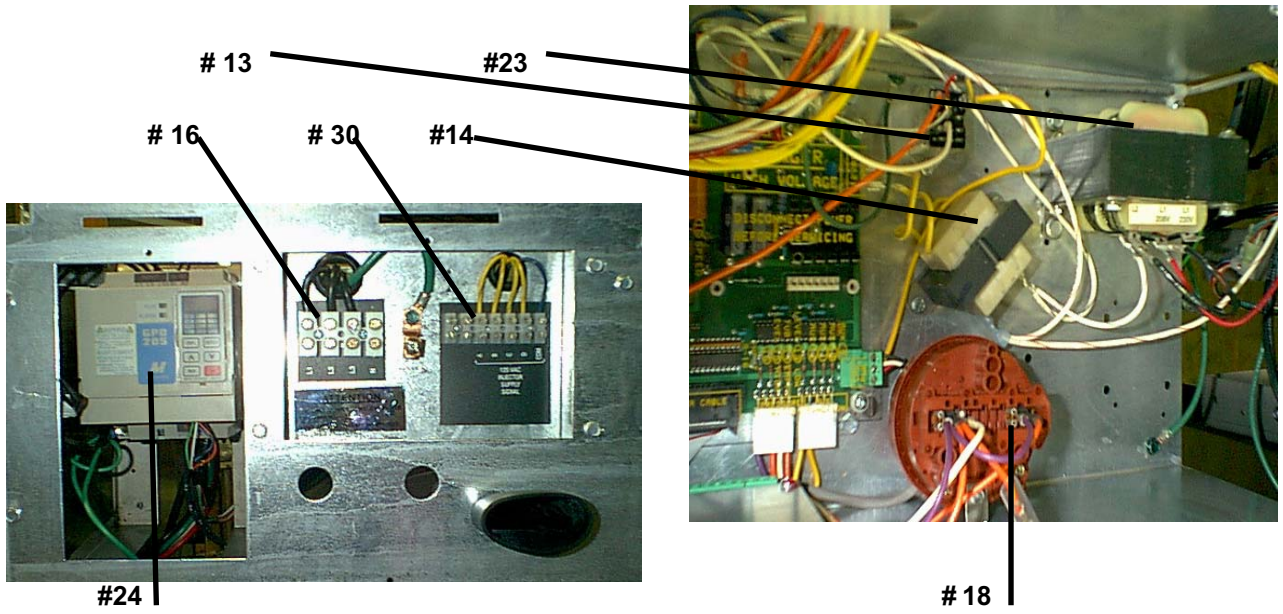
Key	Part Number	Description	
*	8502-624-002	Label, Warning Door Opening	1
*	8502-614-004	Label, High Voltage	1
*	8502-647-001	Label, Connections- Injector	1
*	8502-649-001	Label, Connections- Electrical	1
*	8502-619-003	Label, Fusing & Installation	1
*	8502-639-001	Label, Warning	1
*	8502-650-001	Label, Insturction Dispenser	1
*	8502-653-001	Label, Installer Instructions	1
*	8502-666-001	Label, Injector assembly	1
*	8507-268-001	Instructions Chemical hose installation	1
*	8507-274-001	Instructions Spin Direction	1
*	9345-786-006	Schematic/Wirng Diagram	1
*	8514-031-001	Owners Booket	1

WIRING HARNESS GROUP

Key	Part Number	Description	
*	9627-747-001	Wiring Harness, Power Term Blk	1
*	9627-742-001	VFD to Motor Drive	1
*	9627-697-001	Wiring Harness, Trough, 115VAC	1
*	9627-698-001	Wiring Harness, 115VAC	1
*	9627-701-001	Wiring Harness, VFD Control Shield	1
*	9627-704-001	Wiring Harness, Pressure Switch	1
*	9627-703-001	Wiring Harness Door /Lock -Keylock	1
*	9627-705-001	Wiring Harness CPU to Display	1
*	9627-710-001	Wiring Harness Control to VFD	1
*	9627-700-001	Wiring Harness Membrane Switch	1
*	9627-706-001	Wiring CPU to I/O board	1
*	8654-125-005	Clamp, Cable- 3/16 Dia	1

* Not Illustrated

Electrical Components-Top Compartment



ELECTRICAL COMPONENTS TOP COMPARTMENT

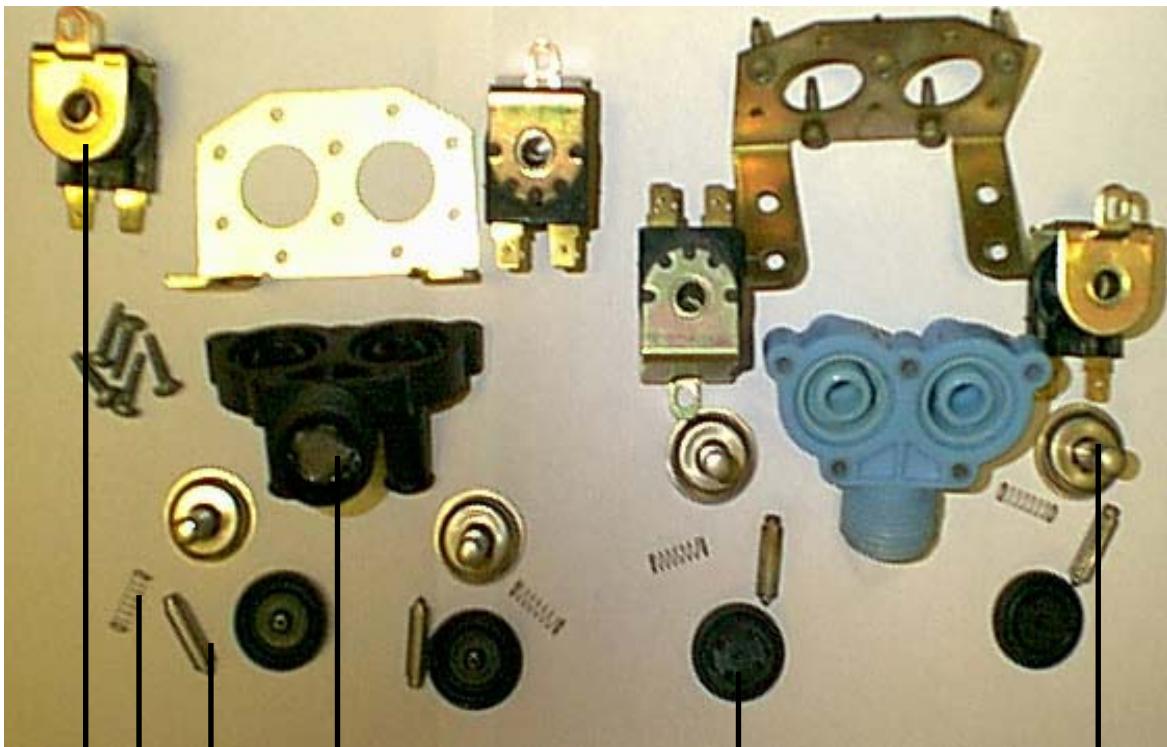
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1	9799-002-003	PC Board Ass'y, CPU ***** READ BELOW	1
*	9732-163-001	KIT MUST BE PURCHASED IF BEFORE SERIAL #416351	
2	9799-003-001	PC Board Ass'y, Input/Output	1
*	8220-089-001	Jumper Wire Assy (used on above board 40 lb micro only)	1
3	9500-001-001	Ribbon Cable	2
4	9627-706-001	Wiring Harness, CPU to I/O	1
5	9081-122-001	Channel, Trough Mtg	1
6	9545-008-023	Screws	4
7	9081-108-001	Channel, Dispenser Support	1
8	9545-008-026	Screw	2
9	9545-008-001	Screw, To Cntrl Panel	2
10	9839-014-001	Trough Assy, Controls Mtg	1
*	9545-008-001	Screw	4
11	9029-061-001	Bracket, Support- Trough	1
12	9545-008-001	Screw	3
13	5192-285-003	Run Relay (R-1)	1
*	8220-001-442	Diode Ass'y	1
14	8711-003-001	Transformer, 120/12VAC	1
15	9545-031-003	Screw	2
30	9897-032-002	Terminal Block Injector	1
16	9897-033-002	Terminal Block, Power	1
*	9558-025-001	Strip, Terminal Marker (Power)	1
*	9558-028-001	Strip, Terminal Marker Injector (120 volts signals)	1
17	9545-031-001	Screw, Mtg	2
18	9539-489-001	Switch, Pressure	1
19	9545-031-003	Screw	1
20	9029-071-001	Bracket, Pressure Switch	1
*	9242-175-002	Hose pressure switch	1
*	9545-045-001	Screw, Mtg	2
21	5198-211-004	Circuit Breaker, 1.5 amp	1
23	8711-004-001	Transformer, Control	1
*	9545-008-026	Screw	2
*	8641-582-006	Lockwasher	2
24	9375-002-006	Drive,Magnatek 2 HP	1
*	9545-008-026	Screw	4
*	8640-413-002?	Nut, Hex	4
25	9483-004-002	Resistor, Braking	2
*	9545-012-003	Screw	4
*	8640-413-002??	Nut	4
26	9003-248-001	Angle, Drive Mtg.-L.H	1
27	9003-248-002	Angle, Drive Mtg.-R.H	1
*	9545-413-002???	Nut	6
28	9122-005-004	Dispenser,(washcompounds)	1
29	9206-416-001	Gasket, Dispenser	1

* Not Illustrated

WATER INLET VALVE BREAKDOWN

Key	Part Number	Description	
*	9379-183-003	Valve, Water Inlet Blue (includes #1 thru #6)	1
*	9379-183-004	Valve, Water Inlet Black (includes #1 thru #6)	1
1	9555-056-001	Screen, Inlet	2
2	9089-017-001	Coil Assy., 120 V	2
3	9118-049-001	Diaphragm	2
*	9118-049-002	Diaphragm OPTIONAL Special	
4	9211-021-002	Guide, Solenoid	2
5	9015-008-001	Armature	2
6	9534-298-001	Spring, Armature	2
*	9545-008-026	Screw, Valve Mtg	2

* Not Illustrated



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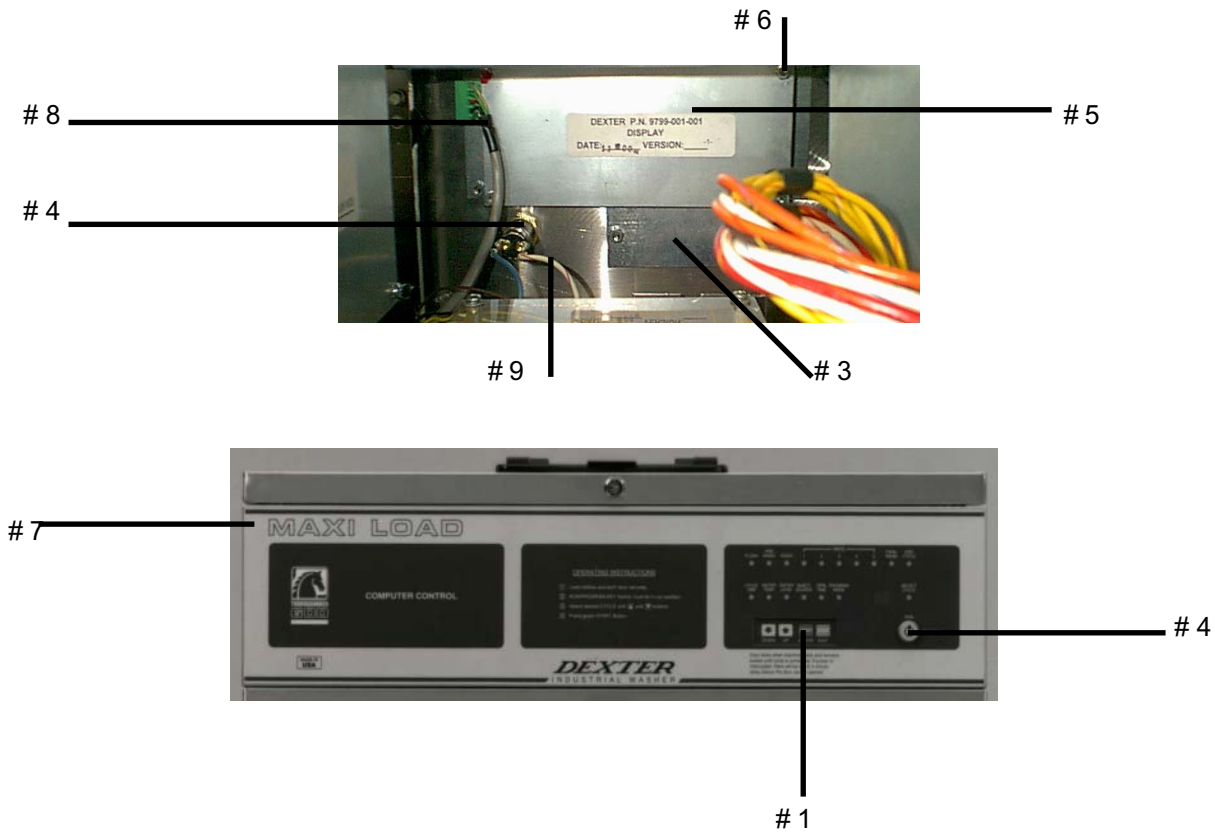
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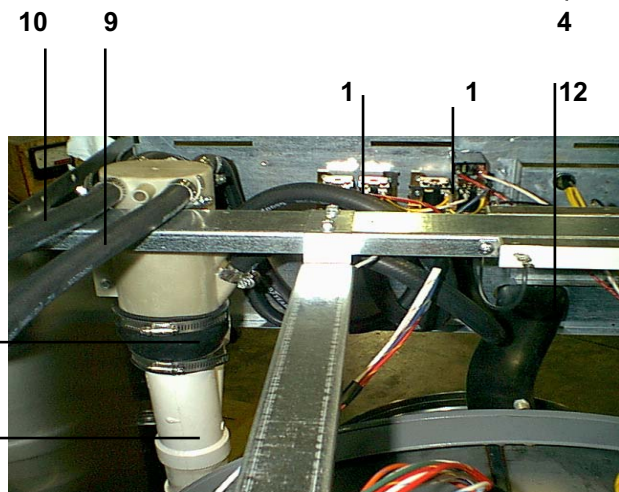
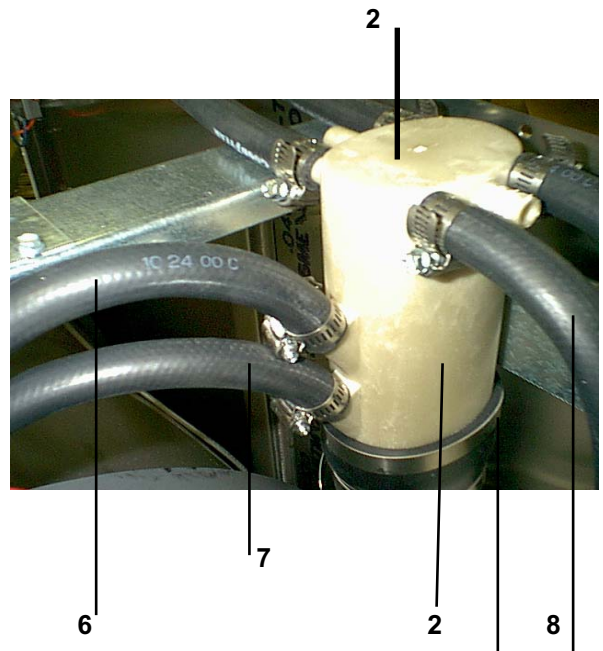
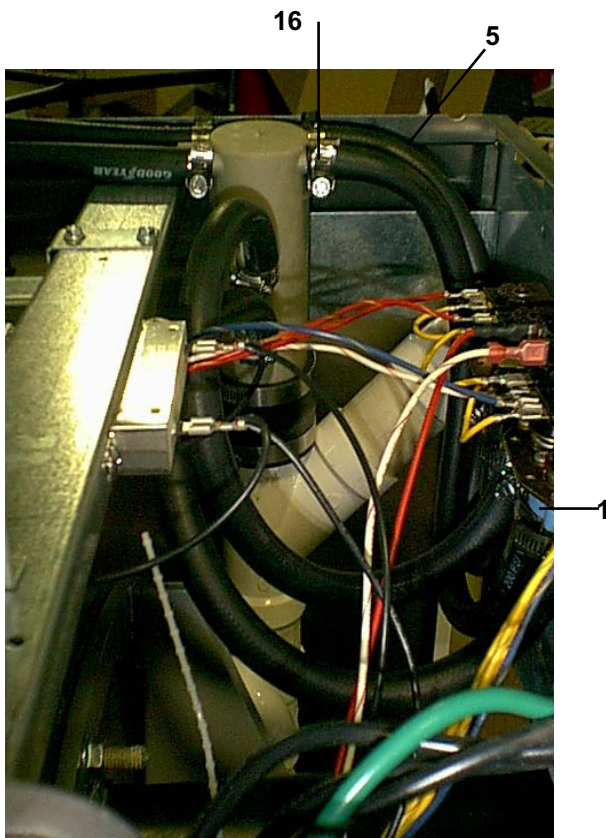
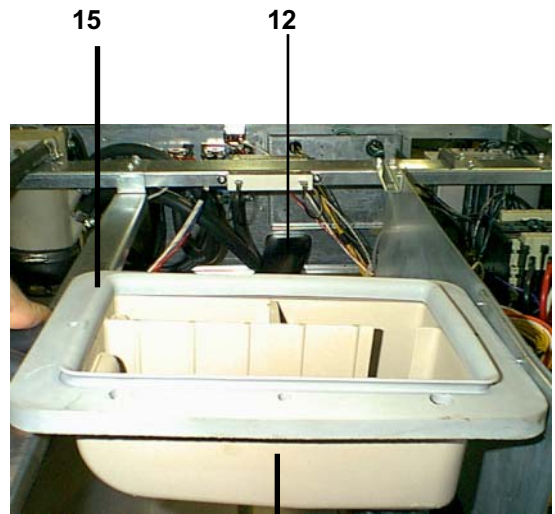
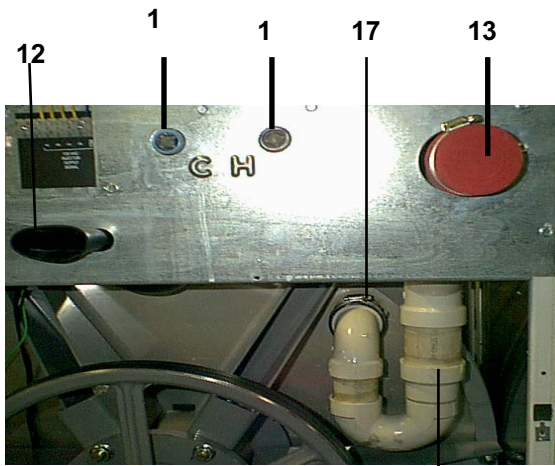
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CONTROL PANEL GROUP

Key	Part Number	Description	
1	9801-061-001	Switch Ass'y, Membrane	1
2	9627-700-001	Wiring Harness, Membrane	1
3	9452-637-001	Plate, Membrane Switch	1
4	8650-024-001	Lock, Key (Switch) # 7495 Key number	1
9	9627-703-001	Wiring Harness, Key Switch	1
5	9799-001-001	Display Ass'y, Printed Circuit Board	1
8	9627-705-001	Wiring Harness, To Display	1
6	8640-411-003	Nut, Mtg	7
7	9412-099-001	Nameplate Computer, MAXI	1

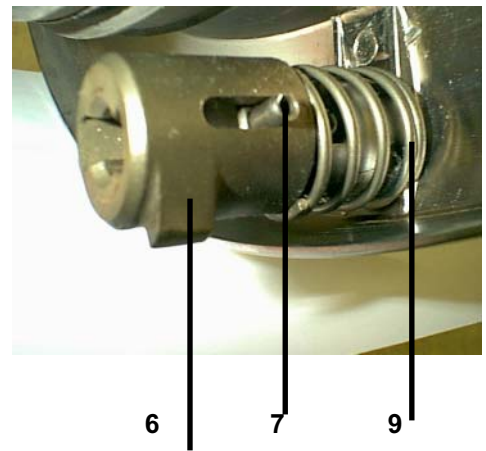
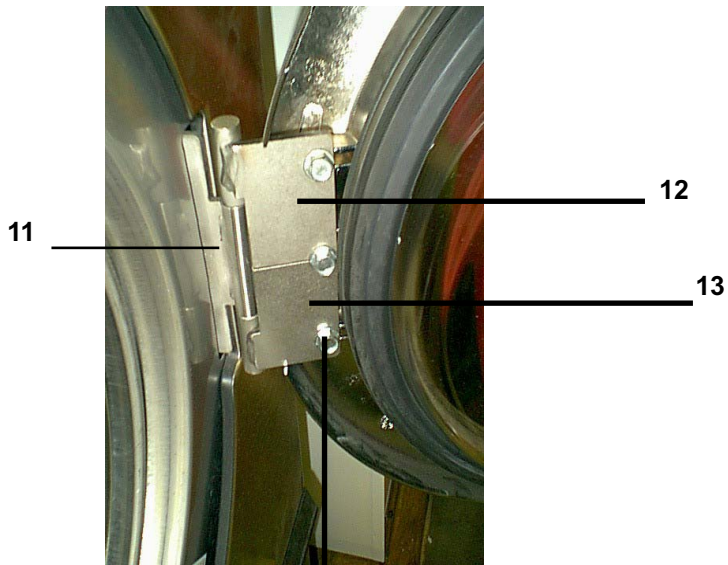
* Not Illustrated





WATER INLET GROUP

Key	Part Number	Description	
1	9379-183-003	Valve, Water Inlet[blue]	1
1	9379-183-004	Vavle, Water Inlet [black]	1
*	9475-002-002	Flow Restrictors	2
*	9545-008-026	Screw, Valve Mtg	4
*	8640-399-009	Nut, Spring	4
2	9610-001-001	Vacuum Breaker	1
16	9029-077-001	Bracket, Vacuum Breaker	1
*	9545-008-026	Screw	4
3	9242-461-001	Hose, Vacuum Breaker to Injector	1
4	8654-117-008	Clamp, Vacuum Breaker End	1
*	8654-117-008	Clamp, Tub End	1
5	9242-453-020	Hose, Hot Valve to Vac. Brkr 18"	1
6	9242-453-020	Hose, Hot Valve to Vac. Brkr 18"	1
7	9242-453-020	Hose, Cold Valve to Vac. Brkr 18"	1
8	9242-453-020	Hose, Cold Valve to Vac. Brkr 18"	1
9	9242-453-008	Hose, Vac. Brkr. to Rinse Disp 26"	1
10	9242-453-009	Hose, Vac. Brkr. to Wash Disp 23"	1
16	8654-117-009	Clamp, Hose	2
18	8654-117-015	Clamp, Hose	13
		
11	9883-007-001	Injector Ass'y P V C	1
		
12	9242-463-003	Hose, Overflow	1
17	9242-462-001	Injector To Tub Hose	1
13	0935-127-001	End Cap (red) for injector assembly	1
14	9732-105-004	Dispenser	1
15	9206-416-001	Gasket Dispenser	1
*	9242-450-001	Hose Dispenser to Tub (top)	

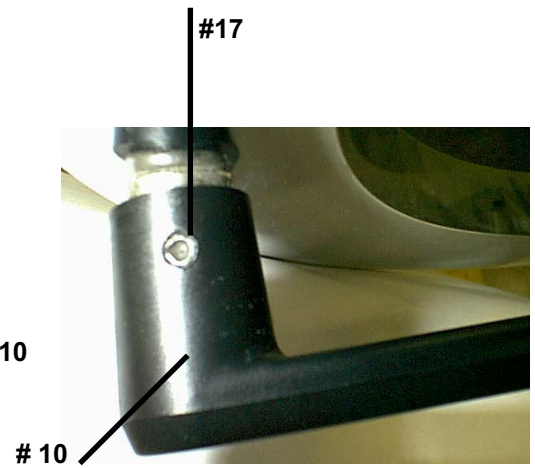
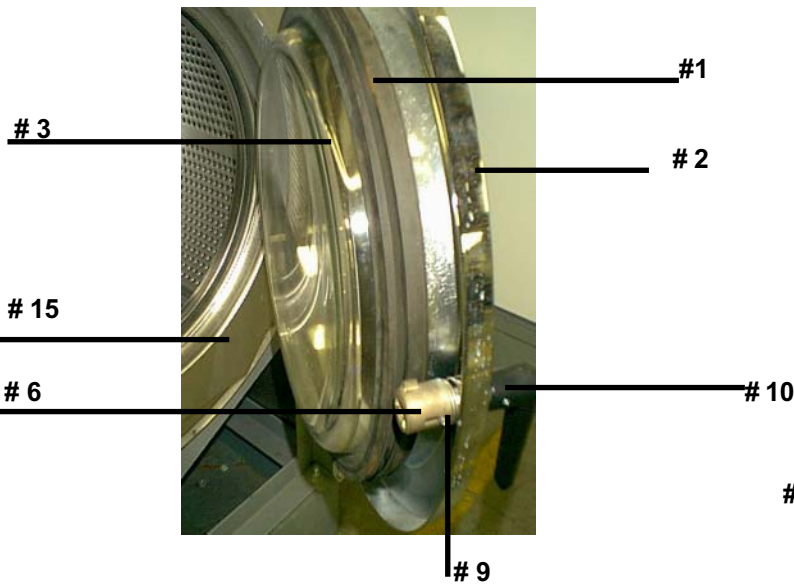
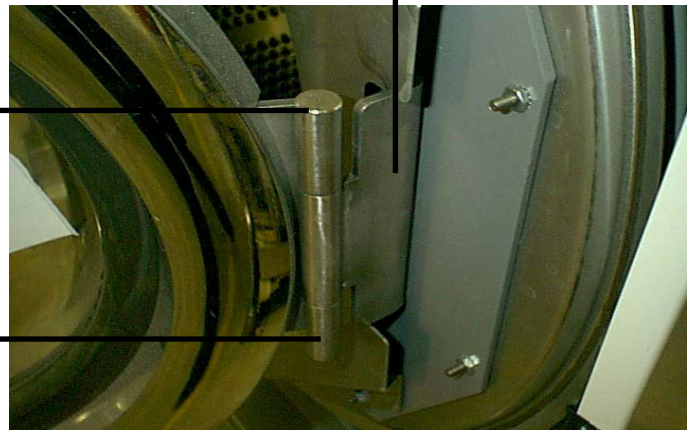


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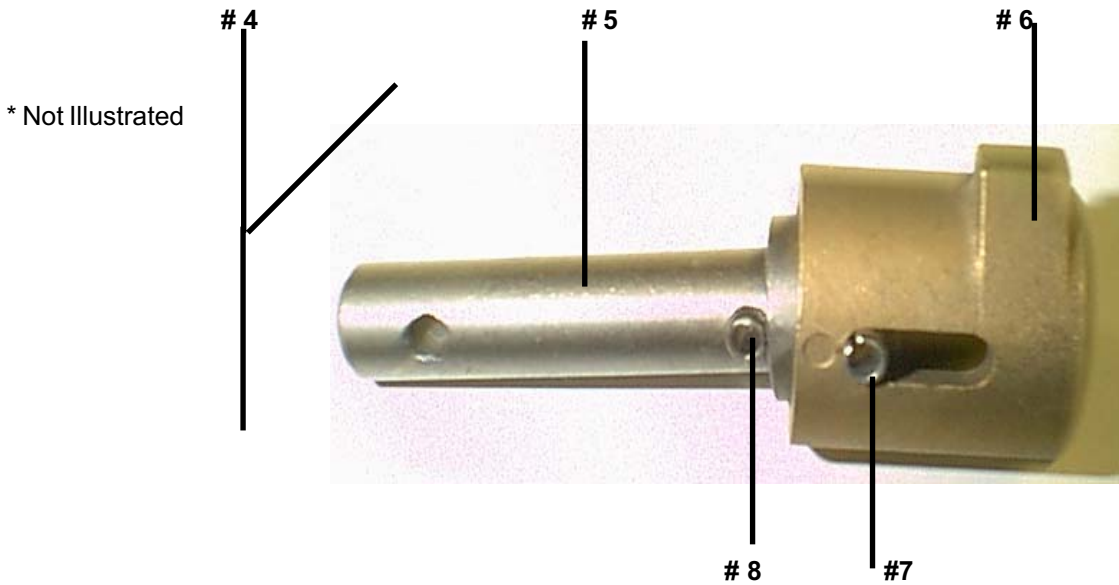
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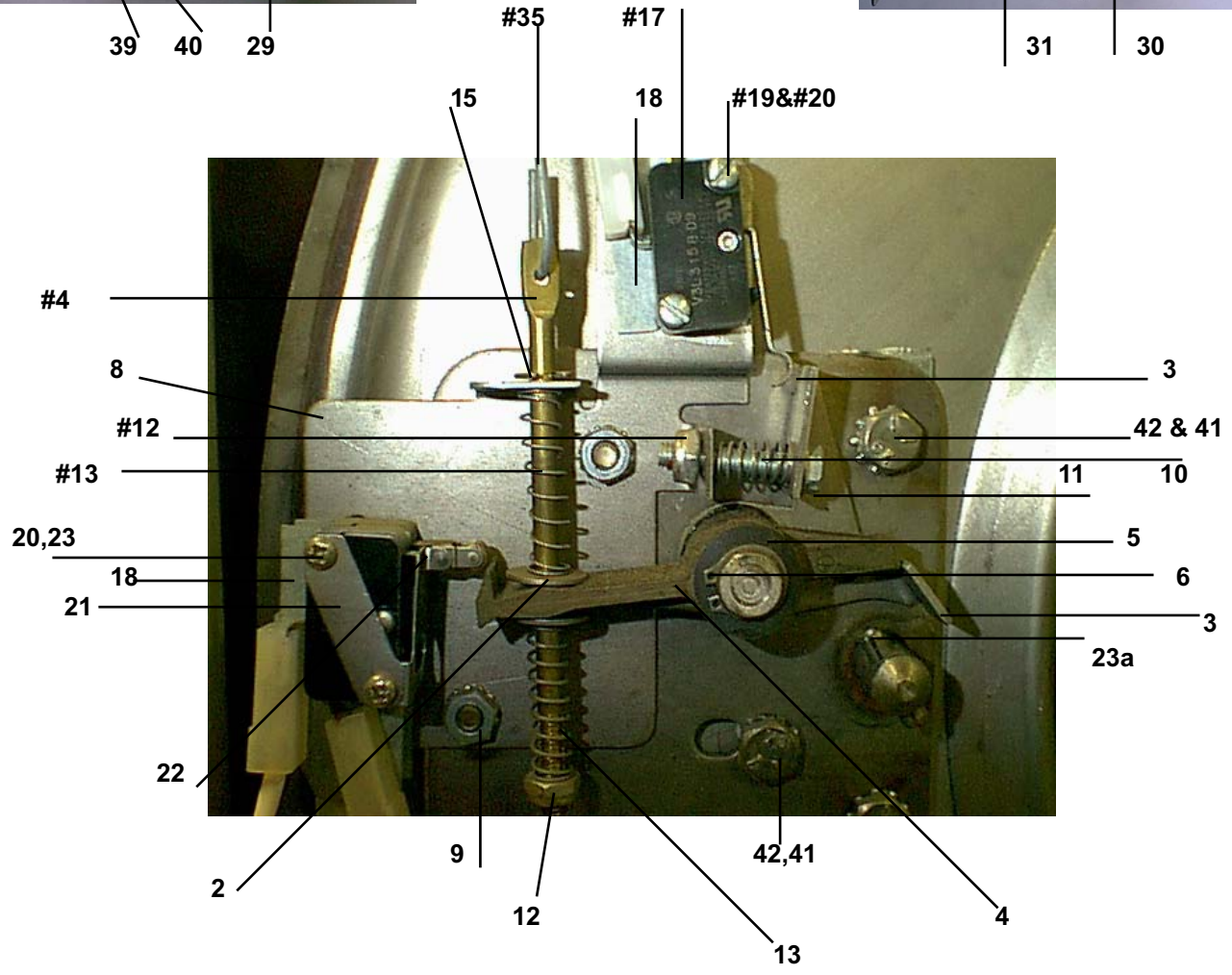
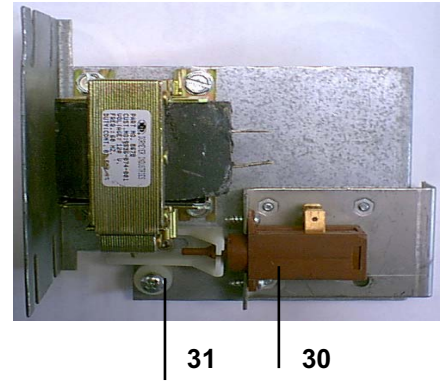
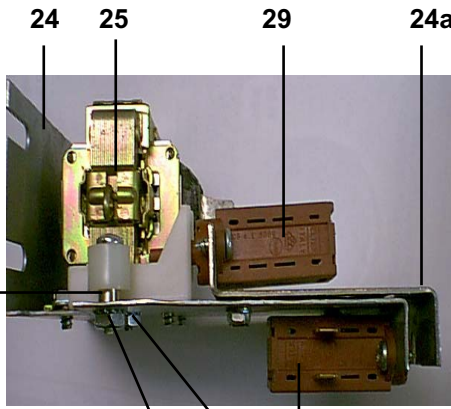
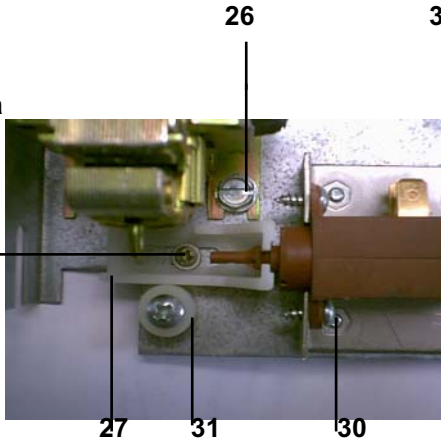
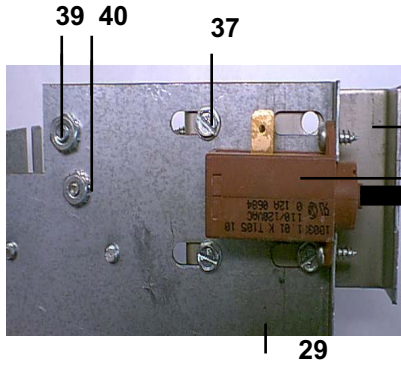


LOADING DOOR GROUP

180` DOOR

KEY	PART NUMBER	DESCRIPTION	
*	9960-259-006	Loading Door, Complete (includes #1thru #10)1
1	9487-230-002	Loading Door Ring 180 degree.....	.1
2	9206-419-001	Gasket, Loading Door.....	1
3	9635-016-001	Window, Loading Door.....	.1
4	9913-134-003	Shaft Assy. Locking (includes #5 thru #8).see below.....	.1
5	9537-195-002	Shaft, Door Locking.....	.1
6	9095-040-001	Cam, Locking.....	1
7	9451-181-005	Pin, Groove (1 1/4).....	.1
8	9451-181-005	Pin, Groove (3/4).....	1
9	9534-360-002	Spring, Lock Cam	1
10	9244-080-003	Handle, Door1
17	9451-181-006	Roll Pin, Door Handle (groove)	1
11	9955-030-001	Hinge Assy, Loading Door (mounts to tub front)....	.1
*	9545-014-009	Screw, Hinge Mtg.....	3
*	8641-582-009	Lockwasher.....	3
*	9552-036-001	Shim, Loading Door Hinge, Thin.....	.AR
*	9552-036-002	Shim, Loading Door Hinge, Thick.....	.AR
12	9845-005-001	Top, Loading Door Leaf Hinge.....	1
13	9845-005-002	Bottom, Loading Door Leaf Hinge	1
16	9545-056-002	Screw, Loading Door Mtg.	1
15	9487-254-002	Ring, Masking	1
*	8640-413-002	Nut.....	.4
*	9059-063-002	Band Edge Protector1

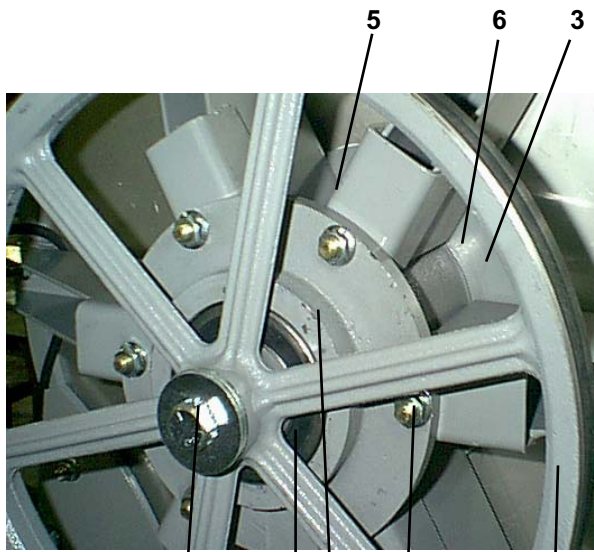




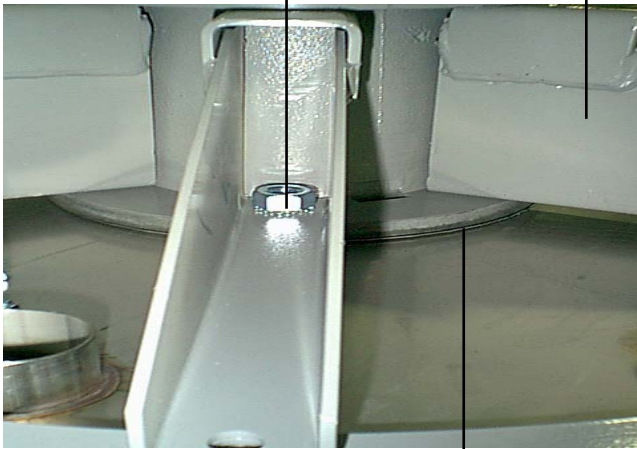
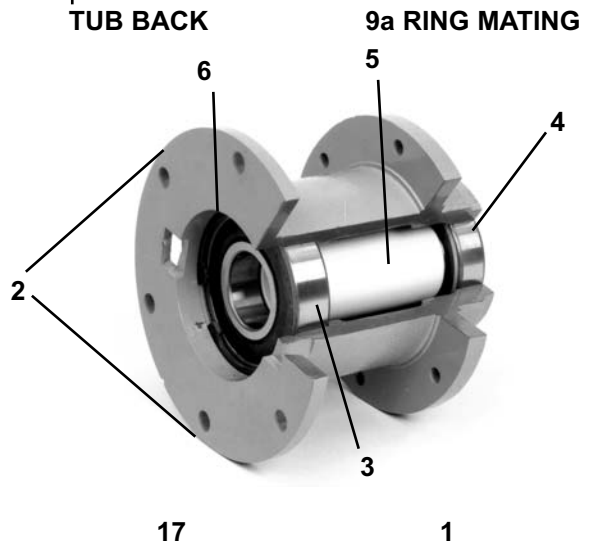
DOOR LOCK GROUP

Key	Part Number	Description	
*	9885-023-001	Lock Assy, Complete (includes #1 thru #23)	1
1	9982-284-001	Plate Assy, Door Lock	1
2	8641-581-030	Washer, Flat	1
3	9008-005-001	Actuator, Latching Switch	1
4	9450-002-002	Pawl, Locking	1
5	8641-569-003	Washer, Spring	1
6	9487-200-004	Ring, Retaining	1
8	9029-035-001	Bracket, Switch	1
9	8640-413-002	Nut, Hex	2
10	9534-364-002	Spring, Actuating	1
11	9545-012-020	Screw, Hx	1
12	8640-413-004	Nut, Elastic Stop	2
13	9534-364-001	Spring, Return	2
14	9451-193-001	Pin, Guide	1
15	9487-200-005	Ring, Retaining	1
16	8641-581-031	Washer	2
17	9539-461-008	Switch, Latching Sensing	1
18	9550-169-003	Shield, Switch	3
19	9545-020-001	Screw 4-40 x 5/8"	2
20	8640-401-001	Nut, Twin	2
21	9539-461-007	Switch, Locking Sensing	2
22	9008-006-002	Actuator, Switch	2
23	9545-020-003	Screw 4-40 x 1 1/8"	2
23	8640-401-001	Nut, Twin	1
23a	9451-181-004	Pin, Dowel	1
*	9552-037-001	Shim, Door Lock, Thin	AR
*	9552-037-002	Shim, Door Lock, Thick	AR
42	9545-018-004	Screw, Lock mtg 1/4-20x3/4	3
41	8641-582-007	Lockwasher	3
36	9922-011-001	Solenoid Ass'y Door Locking (includes 24 thru 34)	1
24	9029-073-001	Bracket, Solenoid	1
24a	9985-169-001	Bracket, ass'y solenoid slide	1
25	9536-074-001	Solenoid 120 V 60hz	1
26	9545-008-001	Screw, Solenoid Mtg	4
27	9540-033-002	Stop, Door Lock Solenoid	1
28	9545-061-001	Screw, Shoulder	1
29	9586-001-001	Thermoactuator	2
30	9545-031-004	Screw	4
31	9538-157-004	Spacer, Plastic	1
32	9538-166-004	Spacer, Metal	1
33a	9545-010-001	Screw, Cross Recessed	1
39	8640-412-005	Nut, Keps #8	1
40	8640-411-003	Nut, Keps #6	2
38	8640-413-002	Nut, Sol. Brkt to Control Panel (nuts inserted in brkt.)	1
37	9545-044-003	Screws # 6(for mounting sol. brkt.)	3
35	9497-225-003	Rod, Pull	1

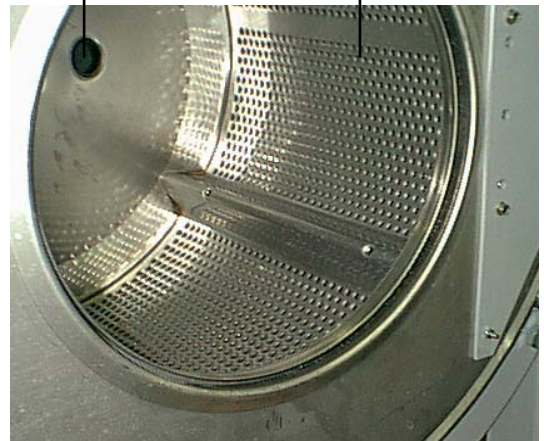
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18
2
4
13



9a



BEARING HOUSING, WATER SEALS AND PULLEY GROUP

Key	Part Number	Description	
1	9848-113-001	Cylinder, Assy	1
*	9456-041-007	Plug plastic inside cylinder 1 1/2"	1
*	9803-186-001	Housing, Bearing- Assembly (includes items #2-#6)	1
2	9241-180-002	Housing, Bearing	1
3	9036-159-005	Bearing, Front	1
4	9036-159-004	Bearing, Rear	1
5	9538-167-001	Spacer, Bearing	1
6	9487-238-003	Ring, Bearing Retainer	1
7	9532-140-006	Seal, Secondary Forsheda	1
8	9532-140-009	Seal, Primary VRinga (OPL)	1
9	9950-048-001	Ring,Assembly (Seals Mount On)	1
9a	9487-261-003	Ring Seal Tub Back Mating (seal turns on) after #429963	1
9a	9732-137-003	Kit Back Assy, Tub(2-piece kit must be used before #429963)	1
11	9545-060-001	Screw, 5/8 x 1 1/2 Gr. 5 (tub back and bearing housing)	6
11	8640-425-001	Nut	6
11	8641-582-018	Lockwasher	6
12	9991-051-002	Support Assy.,Attach to Bearing Housing	6
13	9545-059-003	Screw, 7/16 x 1 1/2 Gr 8 (bearing housing pulley side)	6
13	9545-059-002	Screw, 7/16 x 2 (tub back ring to tub back)	12
13	8640-416-005	Nut	6
14	9453-168-003	Pulley, Driven	1
18	9545-060-001	Bolt 5/8" x 1 1/2" Gr 5 (pulley mounting)	1
15	9487-234-003	Ring, Tolerance	1
16	8641-581-032	Washer	1
16	9545-060-001	Screw	1
16	8641-582-018	Lockwasher	1

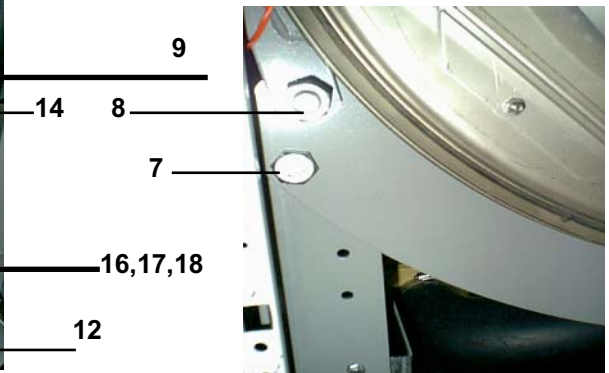
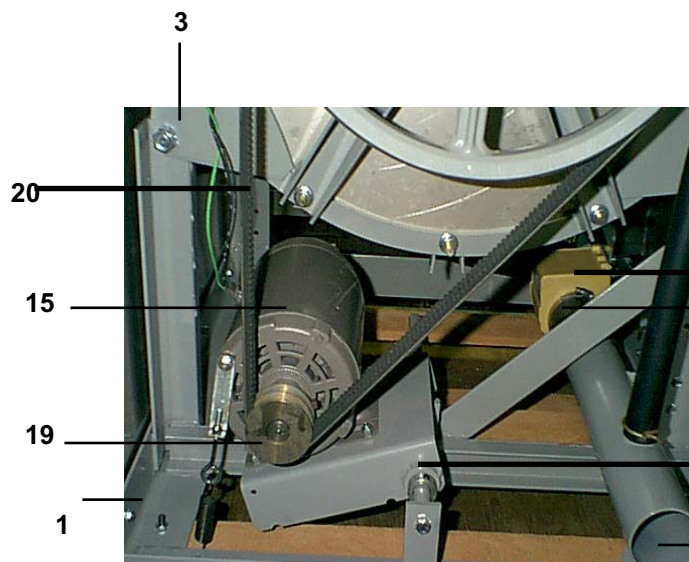
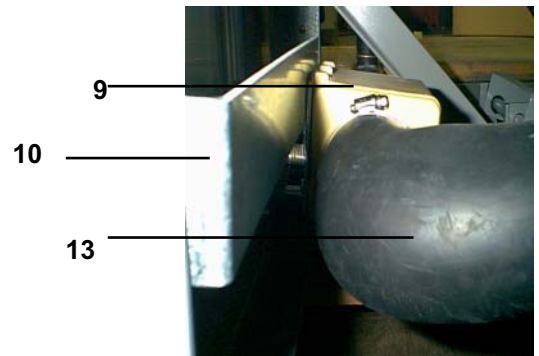
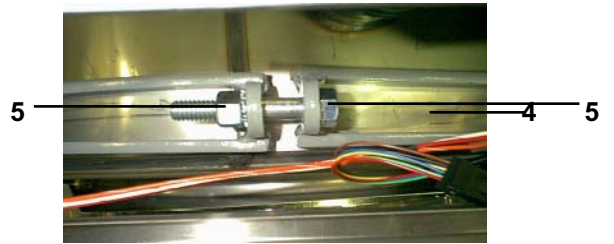
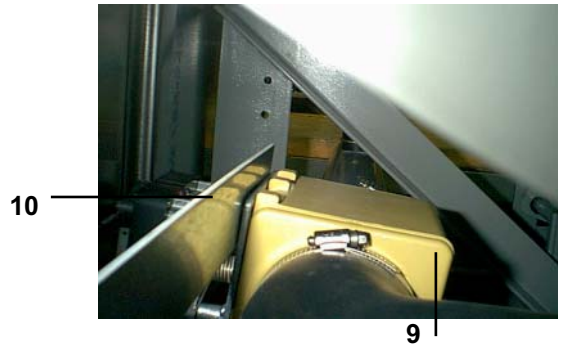
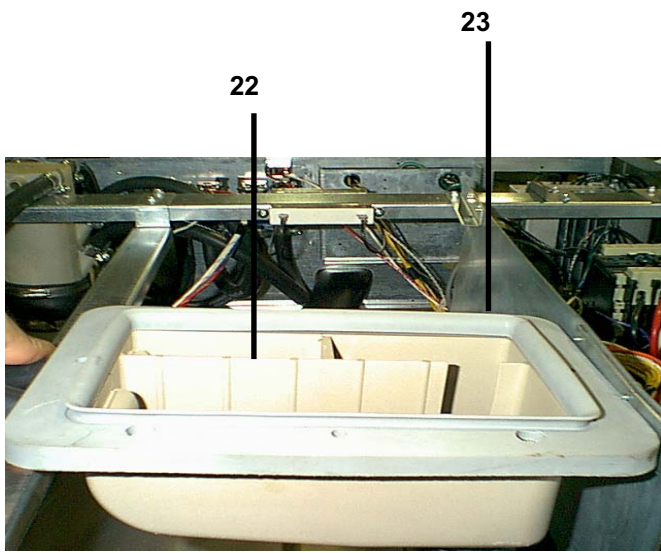
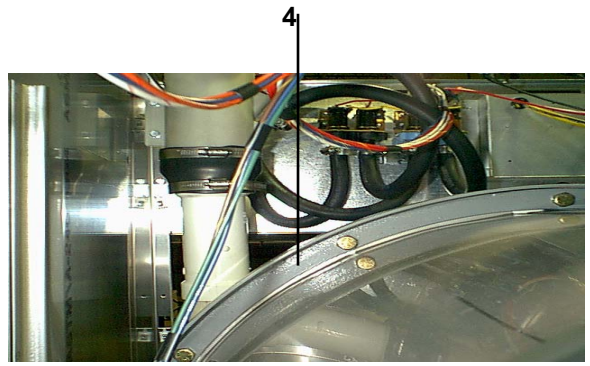
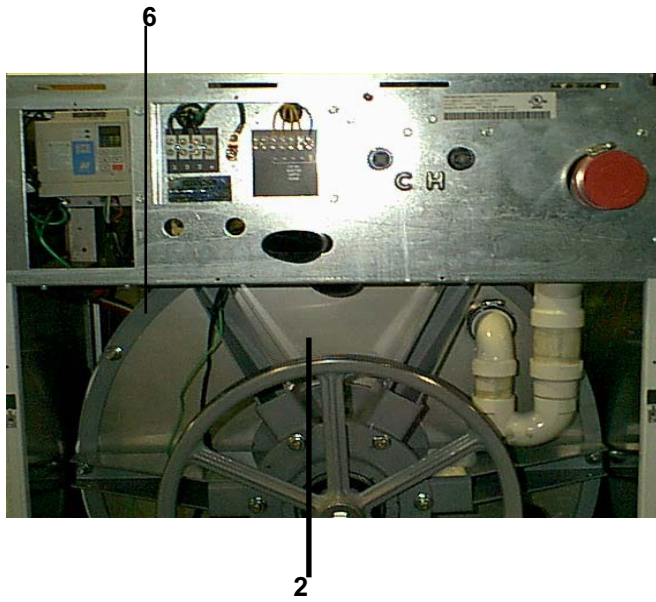
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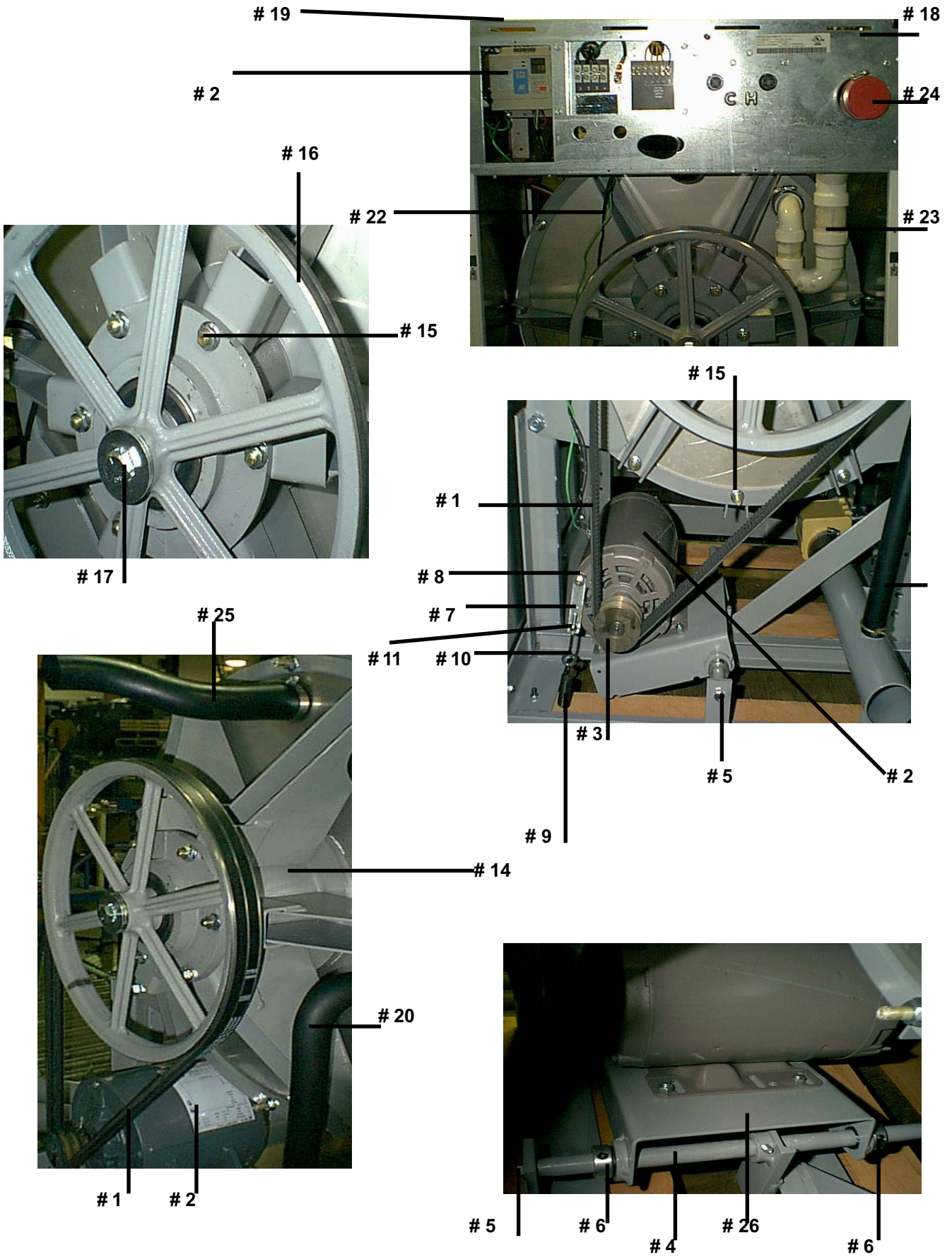
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CHASIS AND DRAIN GROUP

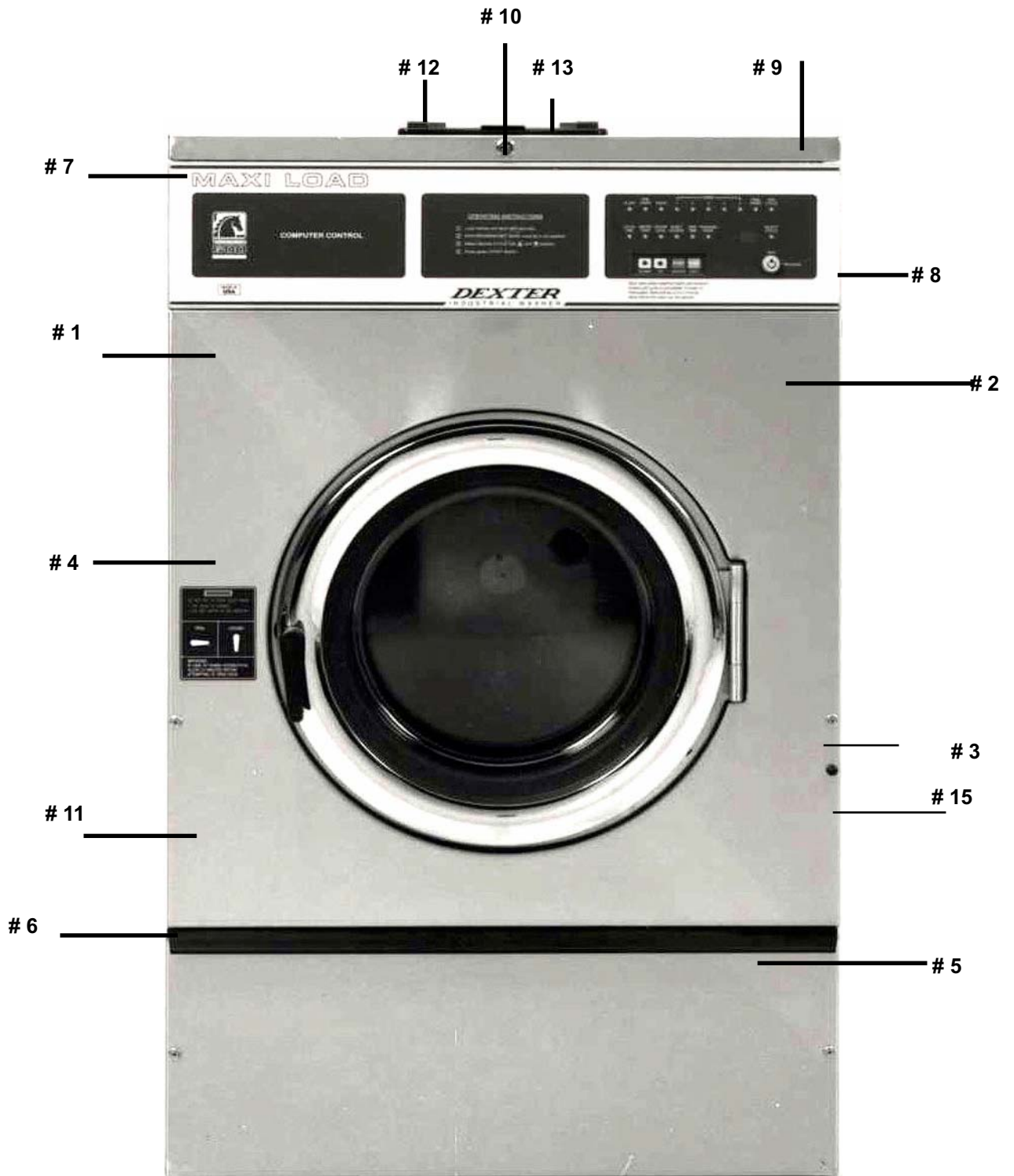
Key	Part Number	Description	
1	9945-097-002	Base Assy, Frame	1
2	9930-136-001	Tub Assy	1
3	9967-009-002	Cradle Assy, Tub	1
4	9950-050-002	Ring Assy, Tub Mtg-Front Clamp	2
5	9545-060-003	Screw, 5/8-3x 1 (outer tub clamping band)	1
5	8640-425-011	Nut	1
5	8641-582-018	Lockwasher	1
6	9950-041-004	Ring Assy., Tub Mtg.- Rear	1
7	9545-060-001	Bolt, 5/8-11x1 1/2 (front and rear to base)	4
8	9545-060-002	Bolt, 5/8-11x2 1/2 (Front Ring to Cradle Base)	2
*	8641-582-018	Lockwasher	12
*	8640-425-001	Nut, Hex	12
9	9379-187-001	Valve, Drain (see drain valve breakdown seperate page)	1
10	9029-052-001	Bracket, Drain Valve	1
*	9545-048-001	Screw, Valve to Bracket	1
*	8641-581-018	Washer	1
*	9545-030-002	Screw, Bracket to Base	2
12	9915-118-002	Tube Assy, Drain	1
*	9545-030-002	Screw, Tube Mtg	2
13	9242-456-001	Hose, Tub to Drain Valve	1
14	9242-457-001	Hose, Drain Valve to Tube	1
*	8654-117-014	Clamp, Hose	4
15	9376-301-001	Motor Drive Magnatek	1
16	9497-222-004	Rod, Motor Mtg	1
17	9076-052-002	Collar, Shaft	2
18	9545-029-005	Screw, Motor Mtg Rod	1
18	8641-582-014	Lockwasher	1
19	9453-170-003	Pulley, Motor	1
*	9545-028-015	Set Screw, Square Head	2
20	9040-076-005	Belt, Drive	2
*	9552-038-001	Shim, Support Assembly	AR
*	9081-093-001	Channel, Rear Back panel	1
22	9122-005-004	Dispenser,	1
*	9206-416-001	Gasket, Dispenser	1
23	9242-450-001	Hose, Dispenser to Tub	1
*	8654-117-008	Clamp, Dispenser Hose	2

* Not Illustrated



REAR VIEW

Key	Part Number	Description	
1	9040-076-005	Drive Belt	2
2	9376-301-001	Drive Motor Magnatek VARIABLE FREQUENCY DRIVE TYPE	1
*	9375-002-006	VARIABLE FREQUENCY DRIVE MAGNATEK GPD 205	1
*	9483-004-002	Braking Resistors 200 ohm	2
3	9453-170-003	Pulley, Motor	1
*	9545-028-015	Screw, set	2
26	9991-055-002	Motor Support Plate Assembly	1
4	9497-222-004	Rod, Motor Mtg	1
*	9053-074-002	Motor Support Bushing	2
5	9545-029-005	Screw	1
5	8641-582-014	Lockwasher	1
6	9076-052-002	Collar, Shaft (w/set screws)	3
7	9029-027-003	Strap, Motor tension	1
8	8640-413-002	Nut, Strap to Motor	1
8	8641-581-006	Washer	1
9	9534-319-002	Spring, Belt Tension	1
10	9545-055-001	Bolt, Eye	1
11	8640-414-003	Nut, 1/4-20 Elastic Stop	1
13	9950-041-004	Ring Assy., Tub Mtg.- Rear	1
14	9991-051-002	Support Assy., Bearing Hsg	6
15	9545-059-002	Bolt, 2"- Tub Back to Tub	12
*	8640-416-005	Nut, Flange Lock	12
*	9552-038-003	Shim	AR
16	9453-168-003	Pulley, Driven	1
17	9545-060-001	Screw, Pulley to Shaft	1
17	8641-581-032	Washer, Flat	2
17	8641-582-018	Lockwasher	1
17	9487-234-003	Tolerance Ring for pulley	1
18	9081-093-001	Channel, Rear Back Panel	1
*	9545-008-026	Screw	4
*	8640-399-004	Nut, Spring	4
*	9454-655-001	Panel, Back Guard	1
19	9454-664-001	Panel, Top	1
20	9242-449-002	Hose, Overflow to tube assembly	1
*	8654-029-000	Clamp, Hose	2
21	9989-446-001	Panel Assy., Back	1
*	9545-008-026	Screw	10
*	8640-399-004	Nut, Spring	10
22	9242-175-002	Hose, Pressure Switch	1
*	8654-117-015	Clamp, Pressure Sw. Hose	1
23	9883-007-001	Injector Assembly	1
24	0935-127-001	End Cap Assembly	1
25	9242-463-003	Overflow Hose Vent type	1



CABINET AND FRONT PANEL GROUP

Key	Part Number	Description	
1	9454-652-001	Panel, Side (Left or Right)- Stainless	2
1a	9545-018-013	Screw, (Side Panel to Base)	8
*	8640-414-006	Nut 8	8
*	9029-066-001	Bracket, Side Panel	1
*	8640-413-002	Nut, Hex #10	2
*	9545-008-026	Screw, #10	2
2	9454-669-003	Panel Assy, Front	1
15	9051-053-001	Bumper Loading Door	1
*	9059-063-002	Band, Edge Protector	1
*	8640-399-005	Nut, Spring- To Control Panel	2
*	9545-008-006	Screw, Hex- To Control Panel	2
3	9545-008-014	Screw, Flat Head	2
3	8641-585-001	Washer, Finish	2
3	8640-399-008	Nut, Spring	2
3	9545-008-023	Screw, Fillister Head Guide	2
4	8502-624-002	Label, Door Opening	1
5	9108-097-001	Door, Lower Service	1
6	9545-008-014	Screw, Flat Head	2
6	8641-585-001	Washer, Finish	2
6	8640-399-008	Nut, Spring	2
*	9545-008-023	Screw, Fillister Head Guide	2
7	9412-099-001	Nameplate, Computer Control Panel MAXI	1
8	9454-695-001	Control Panel (mounts nameplate)	1
*	9545-008-026	Screw Control panel mounting	4
9	9454-664-001	Panel, Top	1
10	8650-012-003	Lock, Top (w/Key)	1
*	9306-025-001	Key, Top- # 6324 KEY NUMBER	1
*	9095-038-001	Cam, Lock Top	1
*	8640-426-001	Nut, 9/32	1
*	8641-581-008	Washer	1
*	9086-017-001	Catch, Top Panel	2
*	9467-024-001	Post, Top Locator	2
*	8640-411-003	Nut, Keps	2
*	9355-001-001	Locator, Panel	2
*	9545-008-025	Screw, #10	2
11	9244-081-002	Handle (bumper guard)	1
*	9545-045-010	Screw, handle mounting	4
12	9108-095-003	Door dispenser	1
*	9545-008-012	Screw, Dispenser mounting	4
*	8640-399-007	Nut, Keps	4
*	9545-045-002	Screw, Dispenser post mounting	4
13	9467-025-001	Post , door mounting	2
*	9451-191-001	Pin, plain	2

* Not Illustrated

Section 6

Parts Data

Thoroughbred 600

Accessories

Model **WCN40AFH** **208-240** **volts** **60hz.** **Single or Three Phase**
Computer Industrial Washer

Part Number	Description
9990-027-011	Hose, Water Supply 3/8" I.D. x 48"
9990-027-013	Hose , Water supply 5/8" I.D. x 48" (furnished) 2
8641-242-000	Washer, Inlet Hose (furnished) 2
9565-003-001	Strainer, Inlet Hose (furnished) 2
9242-417-001	Drain Hose 10 ft length x 2-1/4" I.D. (optional)
9242-417-003	Drain Hose 10 ft length x 3" I.D. (optional)
8641-586-002	Bevel Washer for 5/8" bolt used in installations using angle iron bases
8641-586-003	Bevel Washer for 3/4" bolt used in installations using angle iron bases
8545-051-003	T-10 Torx for removing coin acceptor mounting screws
9732-139-002	Kit, Door Gasket Expander (large) 1
9732-139-001	Kit, Door Gasket Expander (small) 1
8545-055-002	Electrical Probe 100-600 VAC
8545-055-001	Electrical Probe 24-90 VAC
8538-151-001	Sealing Compound
Grip o matic	#1038 Puller
9475-002-002	Flow Restrictors (in dispenser) 2