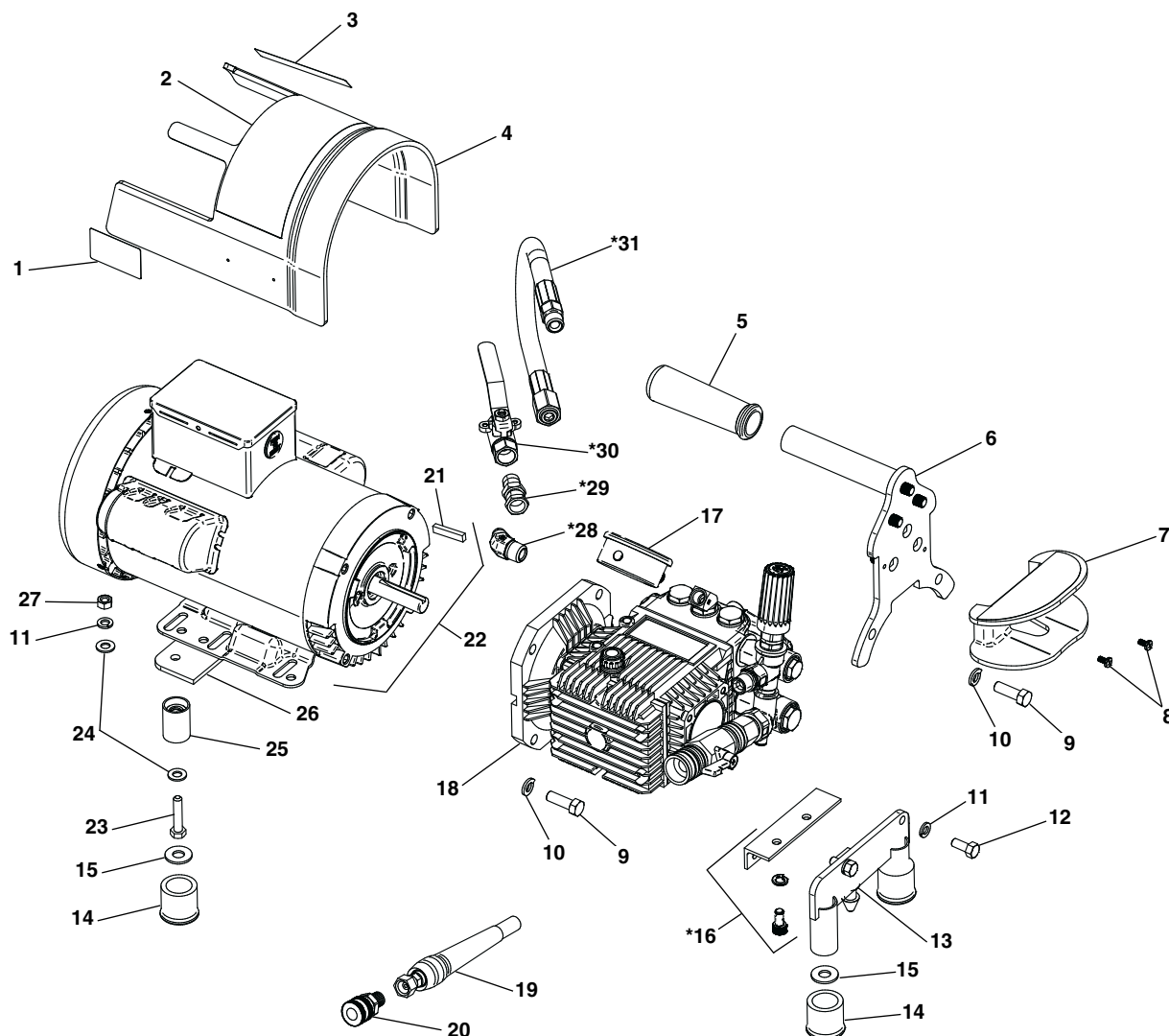


Main Components

Production After Serial Number VAN XXXXX 1024



**NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	82018	Label, KJ-1350 Capacity, QR	17	63902	Pressure gauge
2	63962	Decal, Model No. KJ-1350	†18	80488	KJ-1350 Pump Asm. Complete
3	48232	Decal, Warning	19	65212	Output Hose
4	63917	Motor Shroud	20	48117	Quick Connect - Female
5	60827	Hand Grip	21	47677	Key
6	63932	Handle	22	63892	Motor 115V, 1.5 HP
7	63937	Cord Wrap	23	43847	Screw, $\frac{5}{16}$ -18 x $1\frac{1}{2}$ " Hex (2)
8	16417	Screw, #10 - 32 x $\frac{3}{8}$ " Pan Head (2)	24	60060	Flat Washer, $\frac{5}{16}$ " (2)
9	60380	Hex Screw, $\frac{3}{8}$ " - 16 x $1\frac{1}{4}$ " (4)	25	63947	Rear foot
10	60085	Lock Washer, $\frac{3}{8}$ " (4)	26	63952	Rear bracket
11	60080	Lock Washer (4)	27	60230	Nut, Hex $\frac{5}{16}$ -18 (2)
12	61130	Screw, $\frac{5}{16}$ -18 x $\frac{3}{4}$ " Hex (2)	*28	81388	Nipple, $\frac{3}{8}$ NPT, 45 DEG
13	63942	Front Foot	*29	81383	Adapter, 37 FLARE - $\frac{3}{8}$ NPT
14	37962	Rubber Foot (4)	*30	48127	Pulse control valve
15	60847	Flat Washer $\frac{1}{2}$ " (4)	*31	48132	Dampener Hose 18"
*16	81358	Right Angle Foot Bracket Asm.			

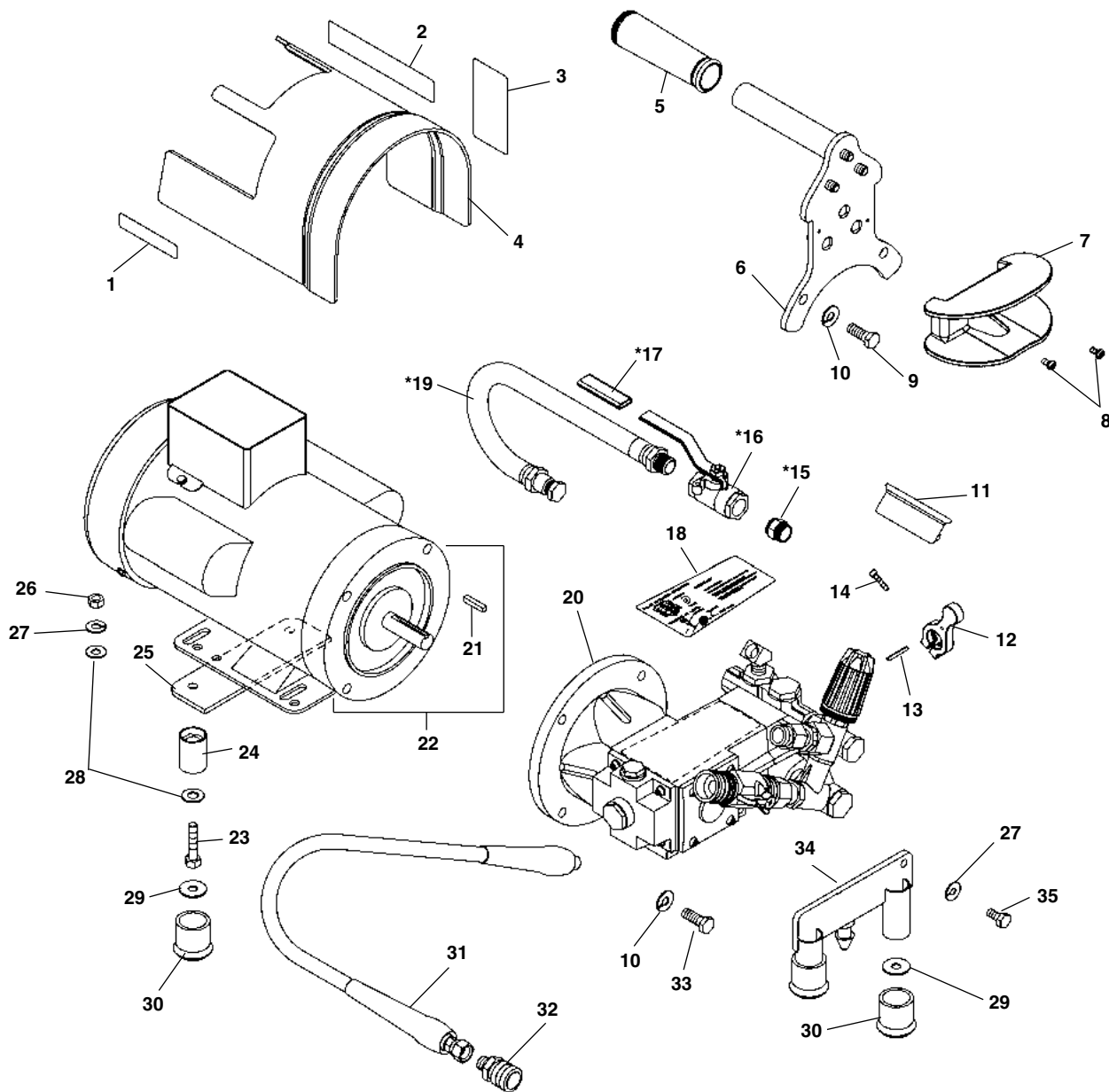
* Dual Pulse Model Only

†When replacing early version pump with 80488 pump asm., you need the following:

Dual pulse: reference #16, #28, #29, #30 and #31

Single pulse: reference #16 and part number 81378

Main Components - Early Style

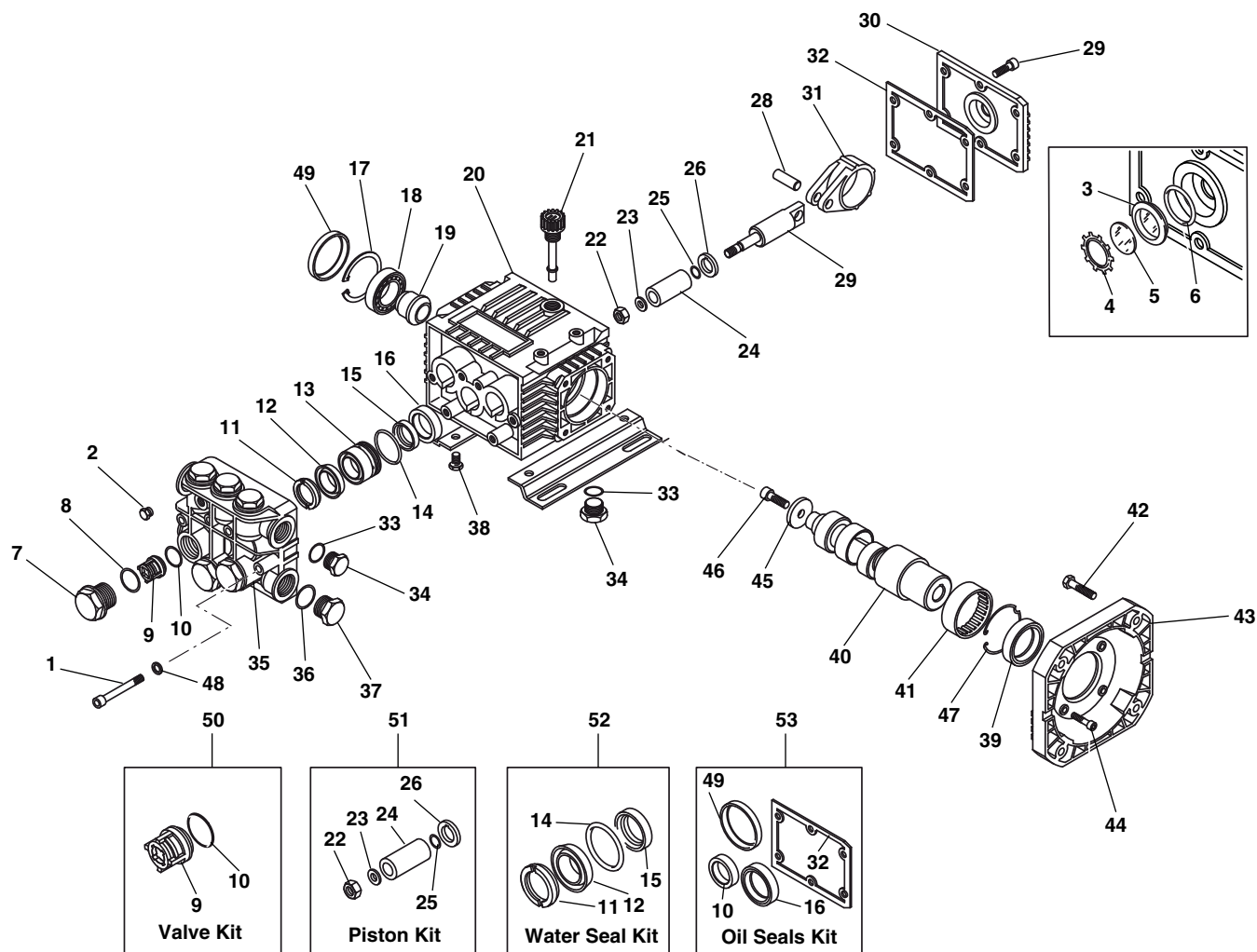


**NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	63972	Decal, Potable Water	19	48132	Dampener Hose, 18"
2	63962	Decal, Model Number	20	63897	Pump Assembly Complete
3	48232	Decal, Warning	21	47677	Key, 1/8" x 3/16" x 1"
4	63917	Motor Shroud	22	63892	Motor, 115V, 1.5 HP
5	60827	Hand Grip	23	43847	Hex Screw, 5/16" - 18 x 1 1/2" (2)
6	63932	Handle	24	63947	Rear Foot
7	63937	Cord Wrap	25	63952	Rear Bracket
8	16417	Screw, #10 - 32 x 3/8" Pan Head (2)	26	60230	Hex Nut, 5/16" - 18 (2)
9	60380	Hex Screw, 3/8" - 16 x 1 1/4" (2)	27	60080	Lock Washer, 5/16" (2)
10	60085	Lock Washer, 3/8" (4)	28	60060	Flat Washer, 5/16" (2)
11	63902	Pressure Gauge	29	60847	Flat Washer, 1/2" (4)
12	63907	Actuator Handle	30	37962	Rubber Foot (4)
13	41500	Spring Pin	31	63927	Output Hose
14	46375	Socket Head Screw, #6 - 32 x 5/8"	32	48117	Female Quick Connect, 1/4" NPT Male
15	63912	Hex Nipple, 3/8" NPT	33	85915	Hex Screw, 3/8" - 16 x 3/4" (2)
16	48127	Pulse Control Valve	34	63942	Front Foot
17	64272	Pulse Valve Cover	35	61130	Hex Screw, 5/16" - 18 x 3/4" (2)
18	63967	Decal, Pulse Instruction			

* Dual Pulse Model Only: reference #15, #16, #17 #19

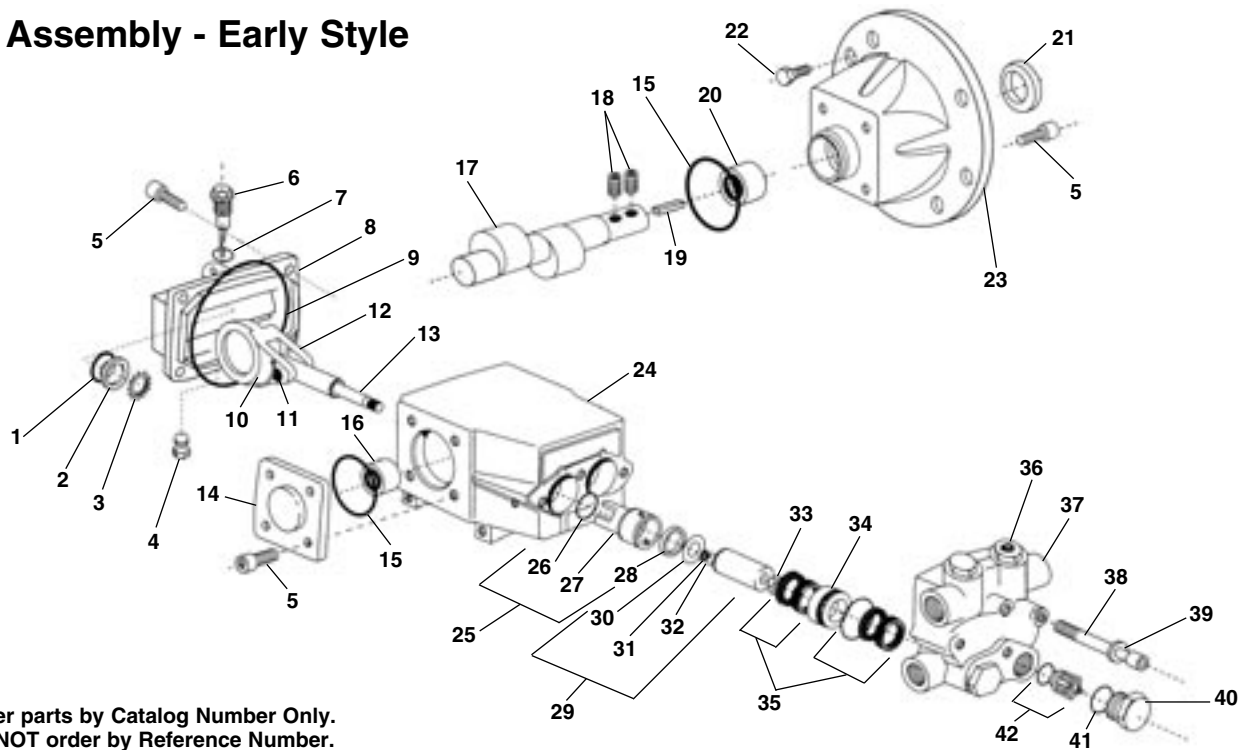
Pump Assembly Production After Serial Number VAN XXXXX 1024



**NOTE: Order parts by Catalog Number only.
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	77188	Head bolt M6 x 60	18	77273	Bearing	36	77348	O-Ring Ø 17.5 x 2
2	77193	Plug ½"	19	77278	Bushing	37	77358	Plug ½" G Brass
3	77198	Oil sight glass	20	77283	Crankcase	38	77363	Bolt M8 x 10
4	77203	Retainer	21	77288	Dipstick, Vented Oil	39	77368	Oil seal
5	77208	Contrast disc	22	77293	Nut, Retaining M8	40	77373	Crankshaft Ø ⅝"
6	77213	O-Ring Ø 20.24 x 2.62	23	77298	Washer 8 x 13 x 0.50	41	77378	Bearing
7	77438	Valve Cap	24	77303	Plunger	42	77383	Screw ⅜"
8	77443	Valve Cap Ported ⅜" NPT	25	77308	O-Ring Ø 4.48 x 1.78	43	77388	Electric motor flange - NEMA 56-C
9	77218	O-Ring Ø 17.86 x 2.62	26	77313	Washer (slinger)	44	77393	Bolt M6 x 16
10	77223	Complete valve	27	77318	Plunger rod	45	77398	Washer 6.5
11	77228	O-Ring Ø 15.54 x 2.62	28	77323	Plunger rod pin	46	77403	Bolt M6 x 25
12	77233	Support ring reducer brass	29	77328	Bolt M5 x 20	47	77408	Snap ring
13	77243	High pressure packing	30	67878	Rear Cover	48	77413	Washer
14	77248	Piston guide	31	77448	Connecting Rod	49	77418	Cap
15	77253	O-Ring Ø 26.70 x 1.78	32	77333	Gasket	50	77488	Valve Kit
16	77258	Low pressure seal	33	77338	O-Ring Ø 14 x 1.78	51	77493	Piston Kit
17	77263	Oil seal	34	77343	Plug ⅜" G Brass	52	77498	Water Seal Kit
	77268	Circlip Ø i52	35	77353	Pump head - Brass	53	77503	Oil Seal Kit

Pump Assembly - Early Style

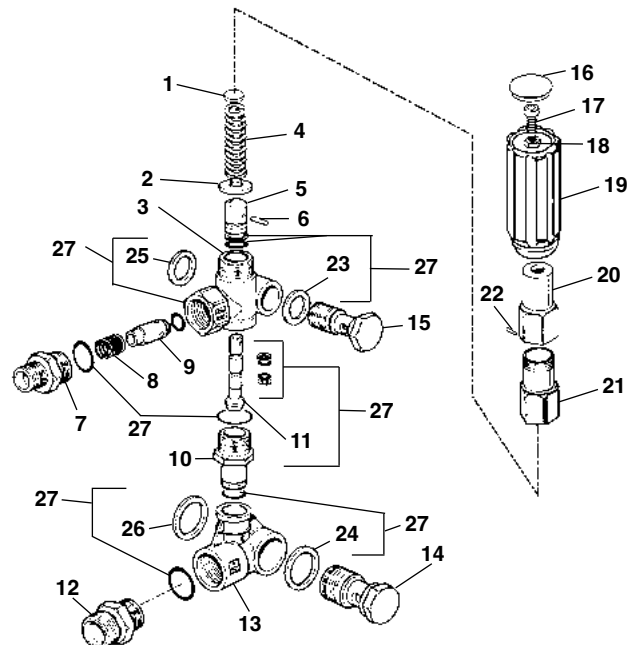


**NOTE: Order parts by Catalog Number Only.
DO NOT order by Reference Number.**

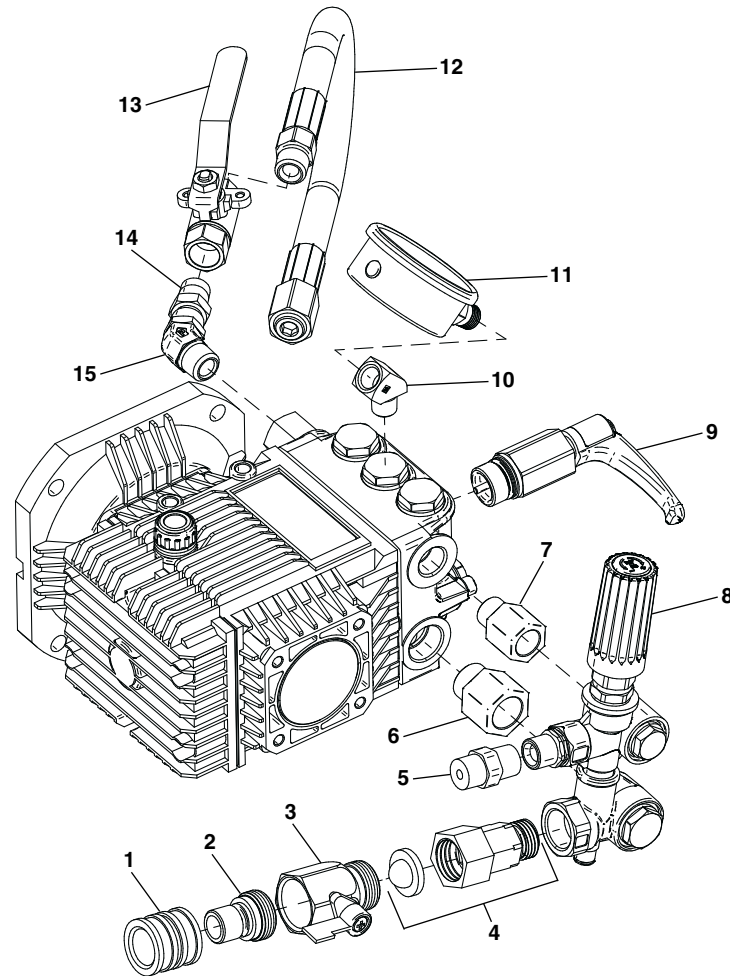
Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	88852	O-Ring	15	47707	O-Ring (2)	29	88427	Plunger Kit, (2)
2	88847	Sight Glass	16	88822	Needle Bearing	30	47762	Slinger Ring (2)
3	88857	Retainer	17	88877	Crankshaft	31	47712	Backup Seal (2)
4	47782	Drain Plug, 1/4" NPT	18	47752	Set Screw, 1/4" - 28 x 1/4" (2)	32	47697	O-Ring (2)
5	40910	Soc. Hd. Cap Screw, 1/4" - 20 x 3/4" (12)	19	47677	Key, 1/8" x 3/16" x 1"	33	88867	Retaining Nut (2)
6	47787	Dip Stick	20	47727	Needle Bearing	34	88862	Cup Retainer, (2)
7	88452	O-Ring	21	47732	Seal	35	88432	Plunger Seal Kit
8	88842	Crankcase Cover	22	75350	Hex Bolt, 3/8" - 16 x 1 1/4" (4)	36	89017	Valve Cap, Ported, 1/4" NPT
9	88447	O-Ring	23	47667	C-Flange End Cover	37	88792	Head
10	88837	Spring Retainer (2)	24	88812	Crankcase	38	47747	Socket Head Cap Screw (4)
11	88827	Wrist Pin (2)	25	88437	Oil Seal Repair Kit	39	88872	Lock Washer (4)
12	88832	Connecting Rod (2)	26	88442	O-Ring (2)	40	88412	Valve Cap (2)
13	88807R	Plunger Rod (2)	27	88797	Insert (2)	41	88417	O-Ring (4)
14	88817	End Plate	28	88802R	Oil Seal (2)	42	88422	Valve Kit

Unloader Valve - (Black Knob) Early Style

Ref. No.	Catalog No.	Description
—	65202	Unloader Valve Complete
1	85902	Plate
2	64302	Spring Button
3	64317	Body
4	85897	Spring
5	64307	Poppet
6	64312	Pin
7	64332	Outlet Poppet Retainer
8	64337	Spring
9	64342	Poppet
10	64352	By-Pass Seat
11	64347	Plunger
12	64362	Inlet Adapter
13	64367	Manifold
14	64372	Inlet Port Adapter
15	64327	Outlet Port Adapter
16	85892	Plug Cap
17	32270	Soc. Hd. Cap Screw 5/16" - 18 - 3/4"
18	61115	Hex Nut 5/16" x 18
19	85887	Control Knob (Black)
20	85907	Cap
21	85917	Spring Guide
22	85912	Pin
23	64322	Seal Washer
24	64357	Seal Washer
25	85922	Seal Washer
26	85927	Seal Washer
27	64377	Seal Kit



Flow Control System



**NOTE: Order parts by Catalog Number Only.
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description
1	80508	1 Hose Coupler
2	80513	1 Hose Coupler Nipple
3	80518	1 Ball Valve
4	80523	1 Garden Hose Adapter w/ O-ring
5	80498	1 Outlet Fitting
6	80608	1 Standoff 1/2 x 1/2"
7	80503	1 Standoff 3/8 x 3/8"
8	80603	1 Unloader Valve Asm
9	80543	1 Actuator Valve
10	80538	1 Street Elbow 45 Deg.
11	63902	1 Pressure Gauge
12	48132	1 Dampener Hose, 18"
13	48127	1 Pulse Control Valve
14	81383	1 Adapter
15	81388	1 Nipple, 3/8 NPT, 45 DEG

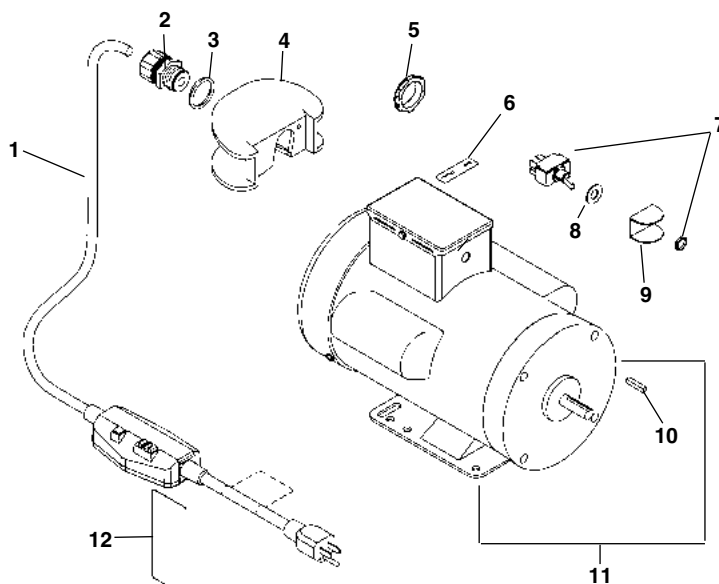
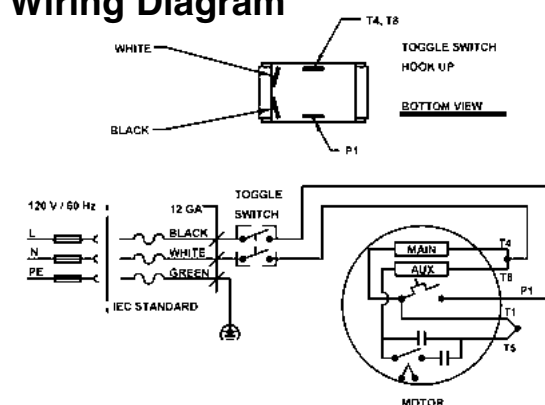
Not Pictured: 91451 - Unloader standoff washers and inlet/outlet O-ring replacement kit.

Electrical Components

**NOTE: Order parts by Catalog Number Only.
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description
1	63922	Power Cord with GFCI
2	36732	Strain Relief
3	64037	Flat Washer
4	63937	Cord Wrap
5	48052	Strain Relief Nut
6	48087	Decal, ON/OFF
7	48057	Toggle Switch w/Fasteners
8	23512	Rubber Washer
9	61490	Switch Guard
10	47677	Key, 1/8" x 3/16" x 1"
11	63892	Motor, 115V, 1.5 HP
12	63977	Warning Tag, GFCI

Wiring Diagram



Flow Control System - Early Style

Ref. No.	Catalog No.	Description
1	48132	Dampener Hose, 18"
2	64272	Pulse Valve Cover
3	48127	Pulse Control Valve
4	63967	Decal, Pulse Instruction
5	63902	Pressure Gauge
6	63912	Hex Nipple, 3/8" NPT
7	48107	Street El, 45 Degree
8	46375	Soc Hd Screw, #6 - 32 x 5/8"
9	63907	Actuator Handle
10	41500	Spring Pin
11	65192	Pulse Assembly
12	65202	Unloader Valve Assembly
13	65197	Reducer Coupling
14	65207	Hose Adapter
15	48287	Filter Washer
16	49582	Water Shut Off
17	48202	Hose Coupler Nipple
18	48197	Hose Coupler
19	48117	Female Quick Connect, 1/4" NPT Male
20	63927	Output Hose
21	65392	O-Ring
22	85872	Adjusting Screw w/Seals
23	85882	Seals for Adjusting Screw
24	70427	Inlet Adapter, 1/2" x 1/2"
25	70432	Outlet Adapter, 3/8" x 3/8"
	65102	Wash Wand Nozzle (Not Shown)
	70897	Chemical Injector (Not Shown)

