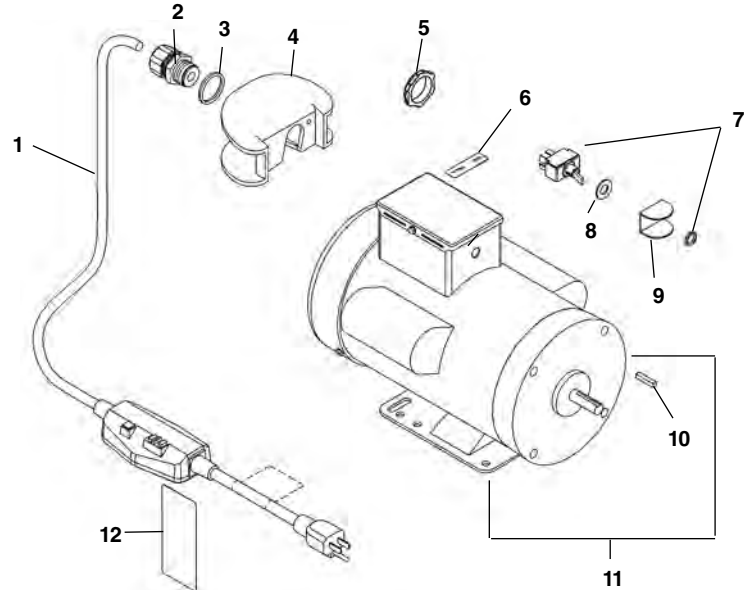


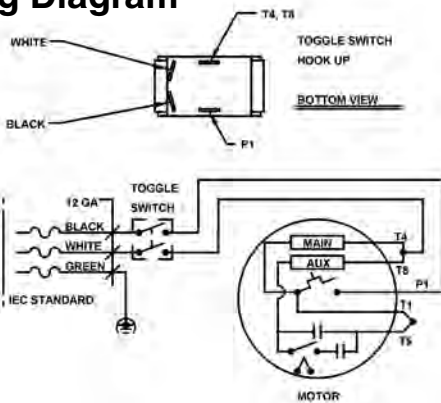
## Electrical Components

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

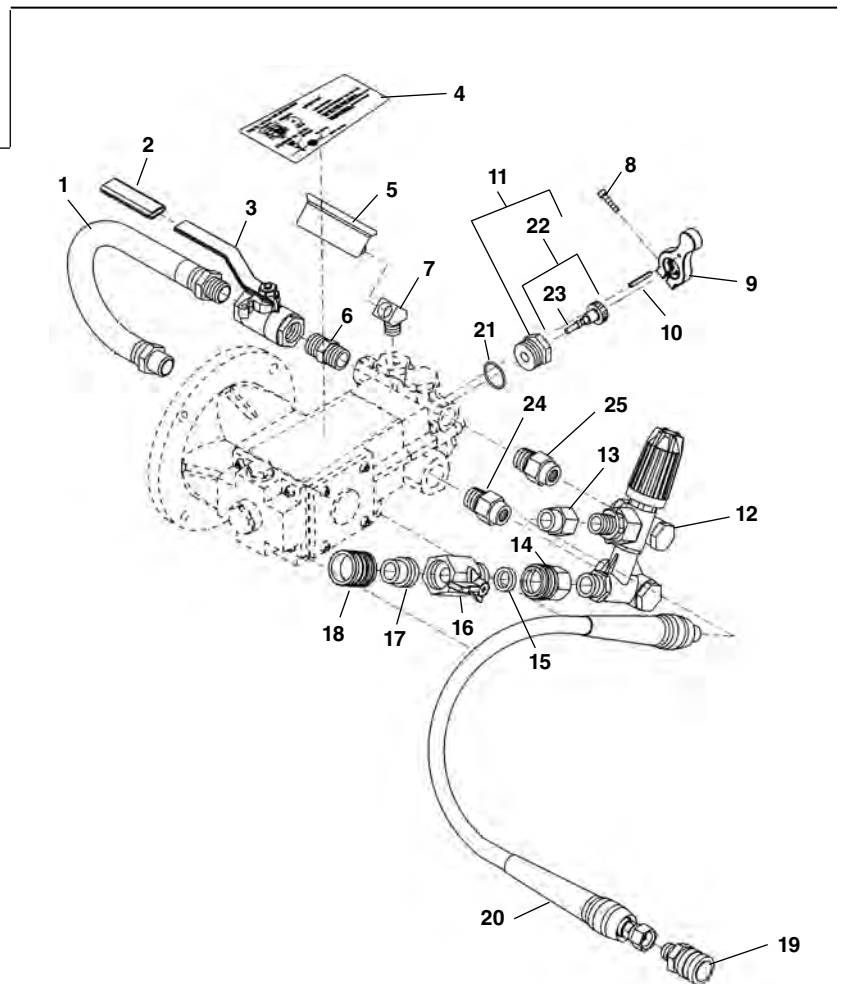


## Wiring Diagram



## Flow Control System

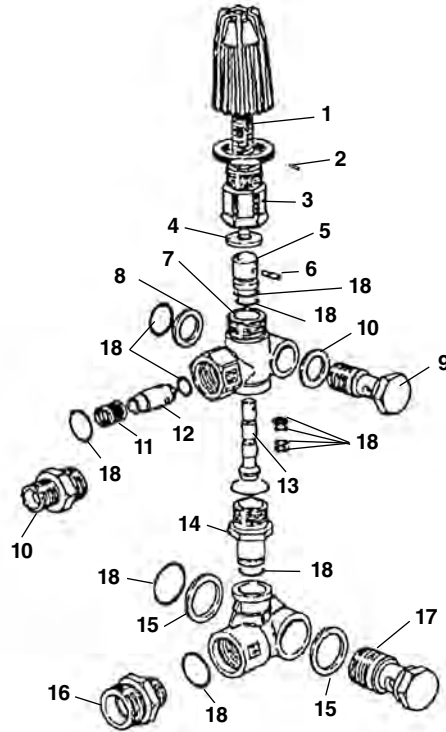
Ref. No.	Catalog No.	Description
1	48132	Dampener Hose, 18"
2	64272	Pulse Valve Cover
3	48127	Pulse Control Valve
4	63967	Decal, Pulse Instruction
5	63902	Pressure Gauge
6	63912	Hex Nipple, 3/8" NPT
7	48107	Street El, 45 Degree
8	46375	Soc Hd Screw, #6 - 32 x 5/8"
9	63907	Actuator Handle
10	41500	Spring 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)



### Unloader Valve - Early Style (Red Knob)

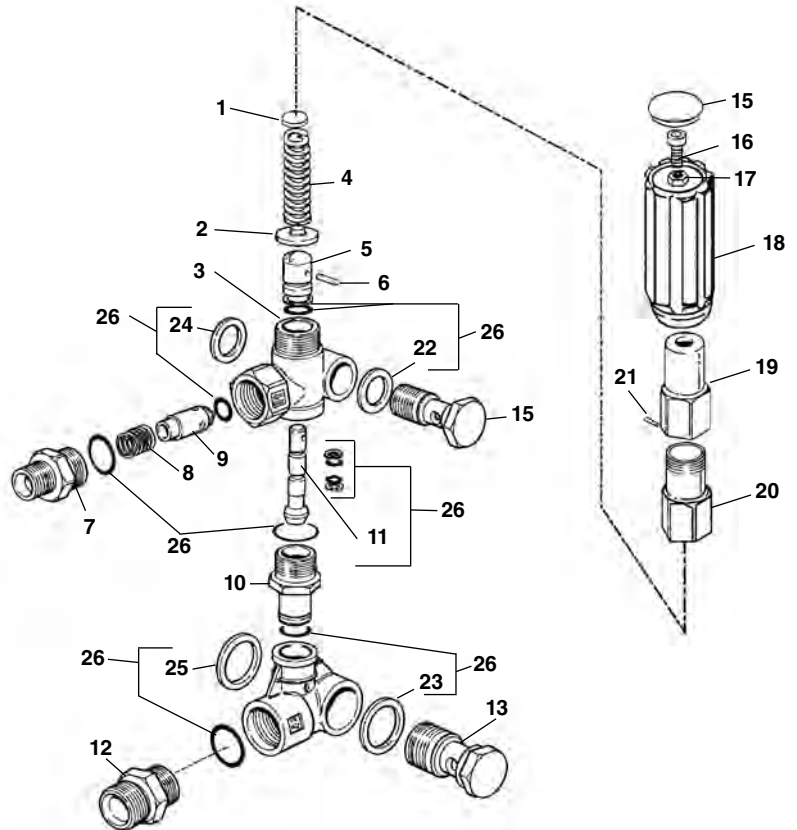
**NOTE: Order parts by Catalog Number Only.  
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description
1	64282	Spring
2	64292	Set Screw
3	64297	Spring Guide
4	64302	Spring Button
5	64307	Poppet
6	64312	Pin
7	64317	Valve Body
8	64322	Gasket (2)
9	64327	Outlet Port Adapter
10	64332	Poppet Retainer
11	64337	Spring
12	64342	Poppet
13	64347	Plunger
14	64352	By-Pass Spring
15	64357	Gasket
16	64362	Inlet Adapter
17	64372	Port Adapter
18	64377	Seal Kit

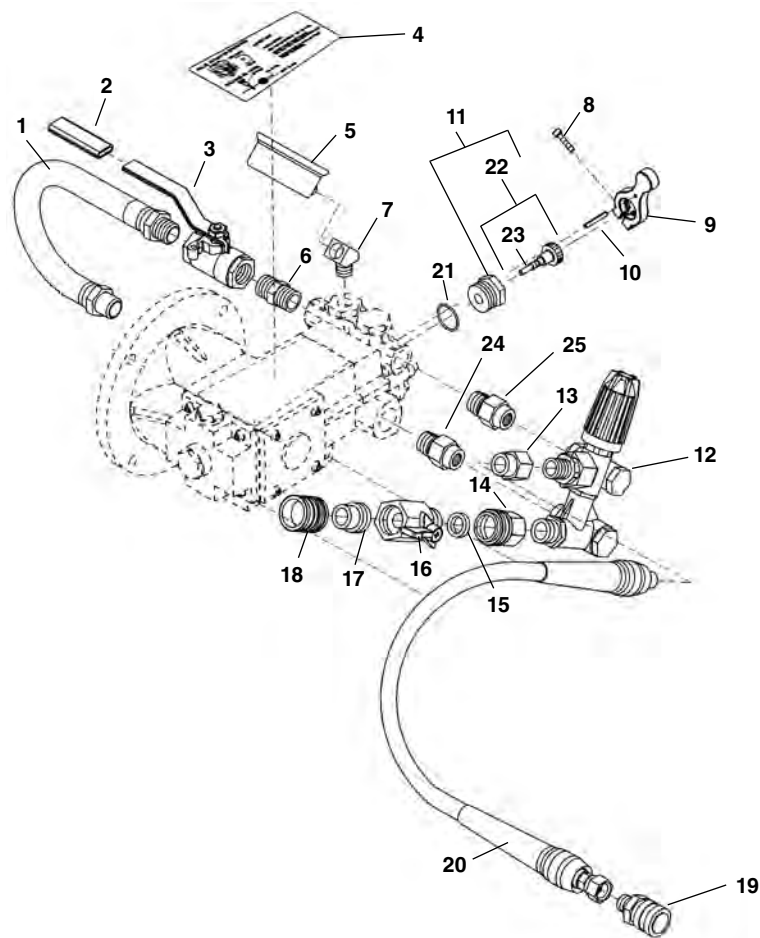


### Unloader Valve - (Black Knob)

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	64372	Inlet Port Adapter
14	64327	Outlet Port Adapter
15	85892	Plug Cap
16	32270	Soc. Hd. Cap Screw 5/16" - 18 -3/4"
17	61115	Hex Nut 5/16" x 18
18	85887	Control Knob (Black)
19	85907	Cap
20	85917	Spring Guide
21	85912	Pin
22	64322	Seal Washer
23	64357	Seal Washer
24	85922	Seal Washer
25	85927	Seal Washer
26	64377	Seal Kit



## Flow Control System

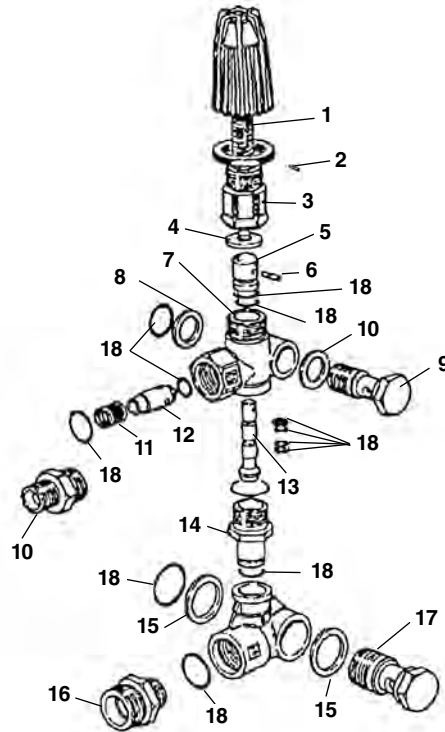


Ref. No.	Catalog No.	Description
1	48132	Dampener Hose, 18"
2	64272	Pulse Valve Cover
3	48127	Pulse Control Valve
4	63967	Decal, Pulse Instruction
5	63957	Pressure Gauge
6	63912	Hex Nipple, 3/8" NPT
7	48107	Street El, 45 Degree
8	46375	Soc Hd Screw, #6 - 32 x 5/8"
9	63907	Actuator Handle
10	41500	Spring 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)

## Unloader Valve - Early Style (Red Knob)

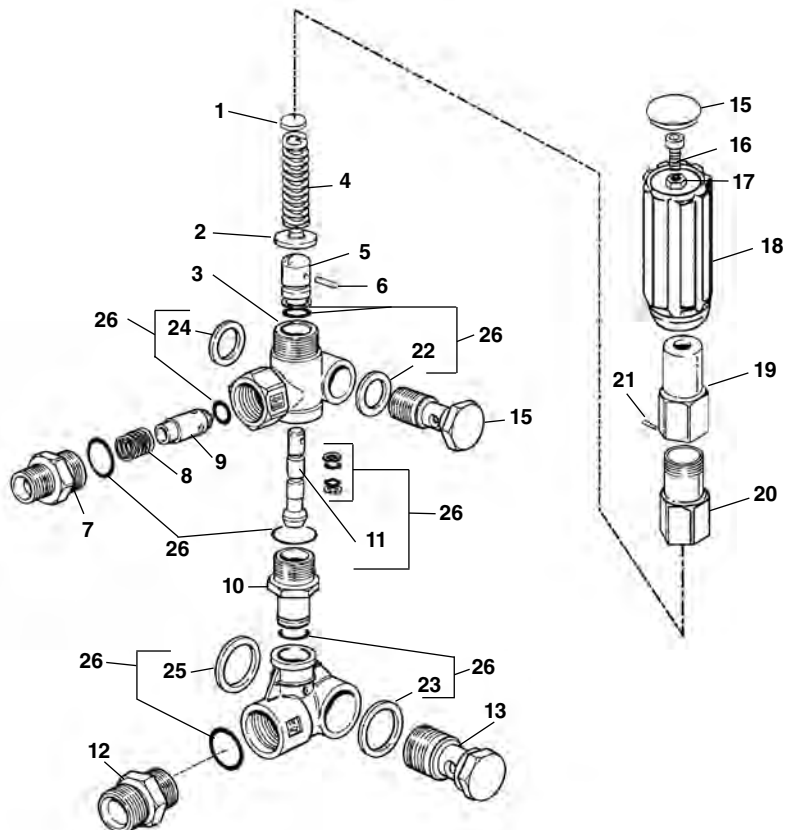
**NOTE: Order parts by Catalog Number Only.  
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description
1	64282	Spring
2	64292	Set Screw
3	64297	Spring Guide
4	64302	Spring Button
5	64307	Poppet
6	64312	Pin
7	64317	Valve Body
8	64322	Gasket (2)
9	64327	Outlet Port Adapter
10	64332	Poppet Retainer
11	64337	Spring
12	64342	Poppet
13	64347	Plunger
14	64352	By-Pass Spring
15	64357	Gasket
16	64362	Inlet Adapter
17	64372	Port Adapter
18	64377	Seal Kit



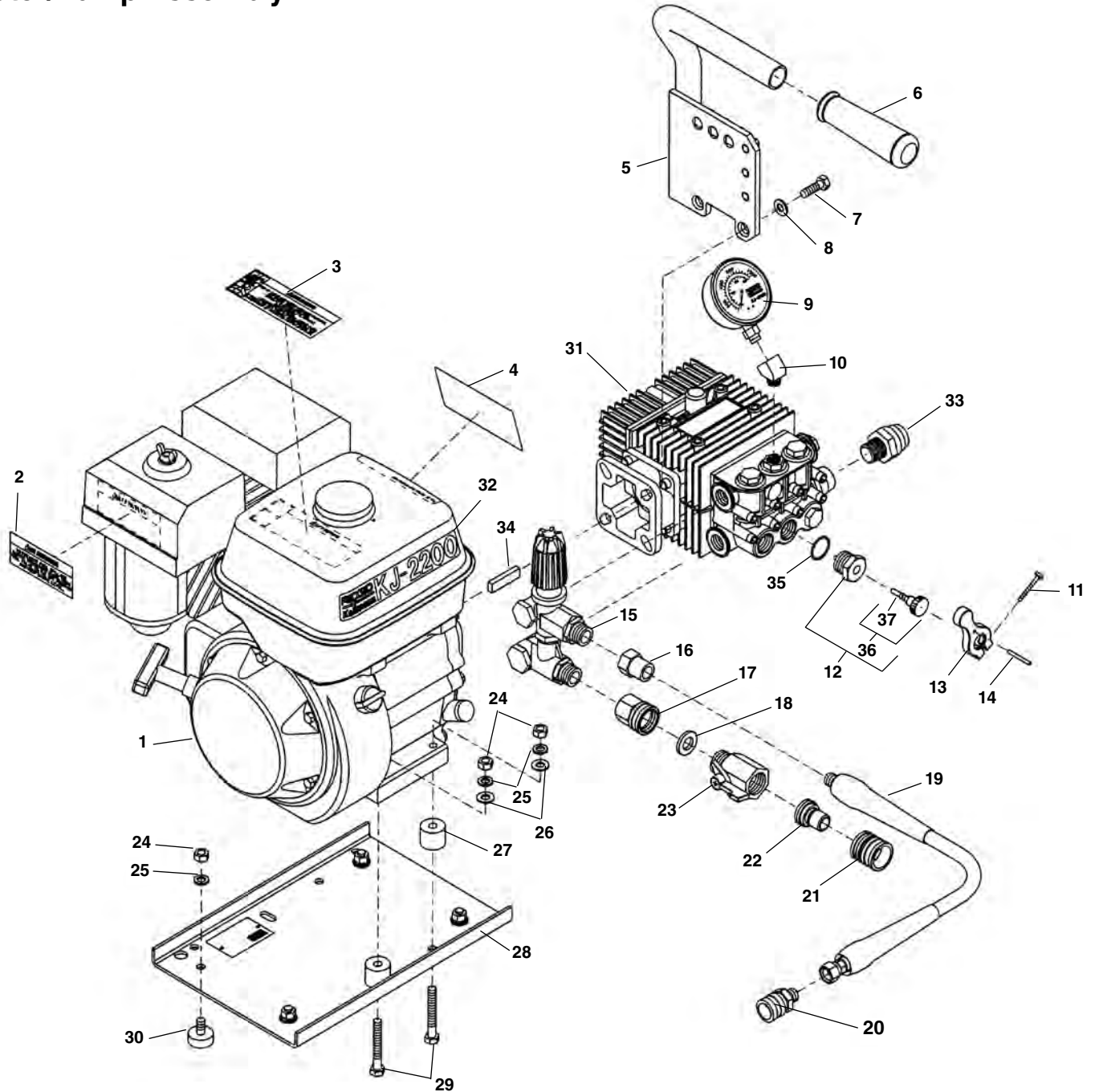
## Unloader Valve - (Black Knob)

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	64372	Inlet Port Adapter
14	64327	Outlet Port Adapter
15	85892	Plug Cap
16	32270	Soc. Hd. Cap Screw $\frac{5}{16}$ " - 18 - $\frac{3}{4}$ "
17	61115	Hex Nut $\frac{7}{16}$ " x 18
18	85887	Control Knob (Black)
19	85907	Cap
20	85917	Spring Guide
21	85912	Pin
22	64322	Seal Washer
23	64357	Seal Washer
24	85922	Seal Washer
25	85927	Seal Washer
26	64377	Seal Kit





**Motor/Pump Assembly**



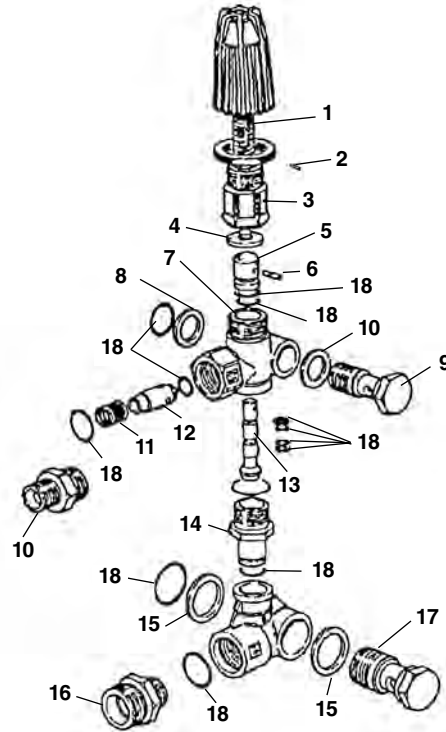
**NOTE: Order parts by Catalog Number Only.  
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	22103	Gasoline Engine, 6.5 Hp	14	41500	Spring Pin	27	43852	Spacer (4)
2	60102	Decal, Fuel Warning	15	65202	Unloader Valve Complete	28	48182	Base Plate
3	49562	Decal, Warning	16	65197	Reducer Coupling	29	49597	Hex Screw 5/16" - 18 x 2 1/4" (4)
4	65182	Decal, Pulse Actuator	17	65207	Hose Adapter	30	48187	Rubber Foot (4)
5	65177	Handle	18	48287	Filter Washer	31	65132	Pump Complete
6	60827	Hand Grip	19	65212	Output Hose	32	65187	Decal, Model No. KJ-2200
7	60380	Hex Screw 3/8" - 16 x 1 1/4" (4)	20	48117	Quick Connect (Male 48487)	33	65412	Thermal Protector
8	60080	Lock Washer 3/8" (4)	21	48197	Hose Coupler	34	66297	Key
9	65137	Pressure Gauge, KJ-2200	22	48202	Hose Coupler Nipple	35	65392	O-Ring
10	48107	Street EL, 45°	23	49582	Water Shut-off	36	85872	Adjusting Screw w/Seals
11	46375	Soc. Head Screw #6 - 32 x 5/8"	24	60230	Hex Nut 7/16" - 18 (8)	37	85882	Seals for Adjusting Screw
12	85862	Pulse Assembly, KJ-2200	25	60080	Lock Washer 3/8" (8)	—	65117	Wash Wand Nozzle (Not Shown)
13	63907	Actuator Handle	26	60060	Flat Washer 3/8" (4)	—	70902	Chemical Injector (Not Shown)

### Unloader Valve - Early Style (Red Knob)

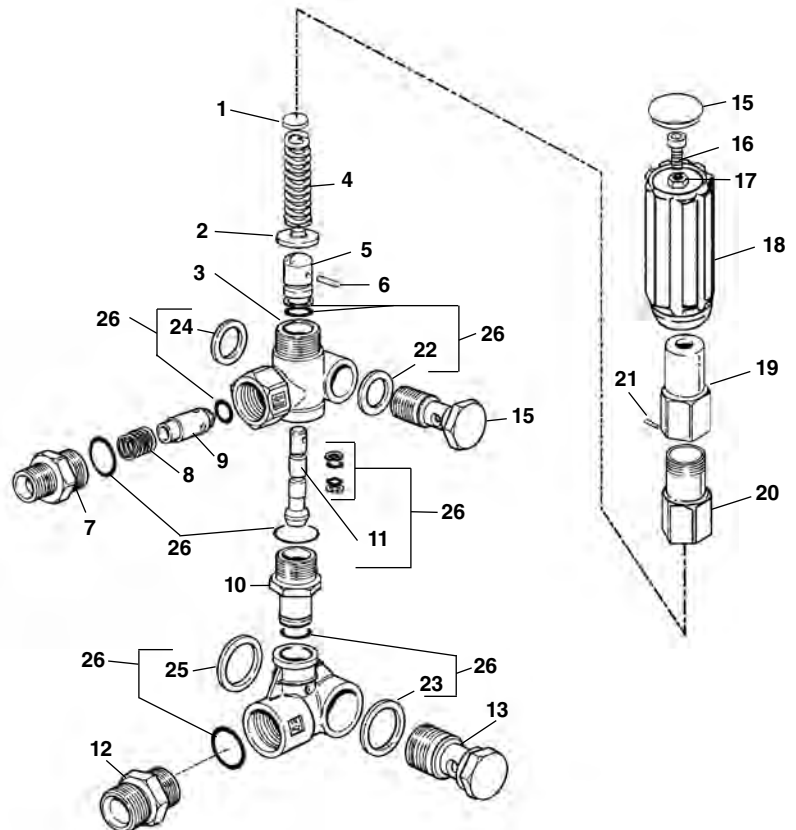
**NOTE: Order parts by Catalog Number Only.  
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description
1	64282	Spring
2	64292	Set Screw
3	64297	Spring Guide
4	64302	Spring Button
5	64307	Poppet
6	64312	Pin
7	64317	Valve Body
8	64322	Gasket (2)
9	64327	Outlet Port Adapter
10	64332	Poppet Retainer
11	64337	Spring
12	64342	Poppet
13	64347	Plunger
14	64352	By-Pass Spring
15	64357	Gasket
16	64362	Inlet Adapter
17	64372	Port Adapter
18	64377	Seal Kit

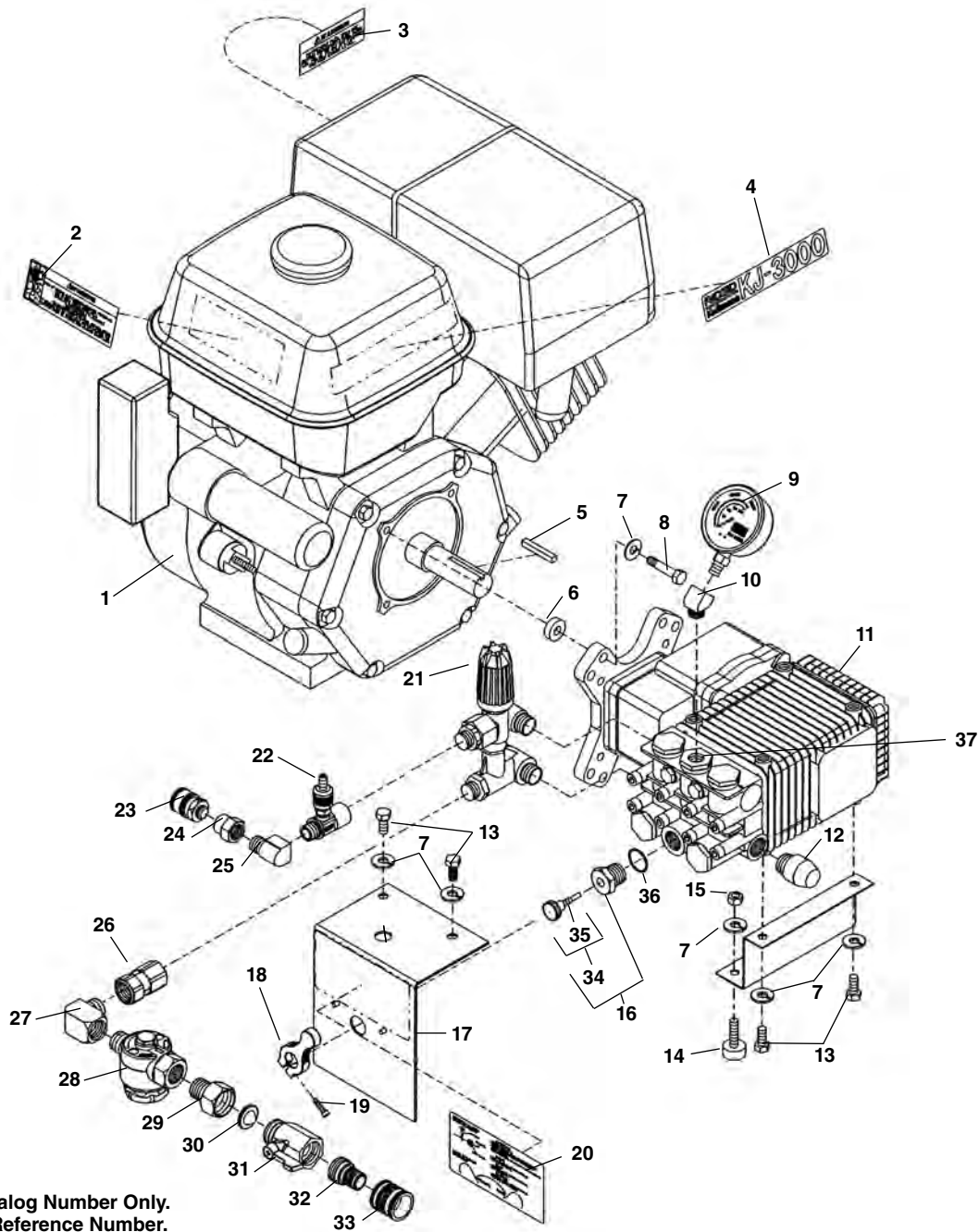


### Unloader Valve - (Black Knob)

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	64372	Inlet Port Adapter
14	64327	Outlet Port Adapter
15	85892	Plug Cap
16	32270	Soc. Hd. Cap Screw 5/16" - 18 -3/4"
17	61115	Hex Nut 5/16" x 18
18	85887	Control Knob (Black)
19	85907	Cap
20	85917	Spring Guide
21	85912	Pin
22	64322	Seal Washer
23	64357	Seal Washer
24	85922	Seal Washer
25	85927	Seal Washer
26	64377	Seal Kit



## Motor/Pump Assembly



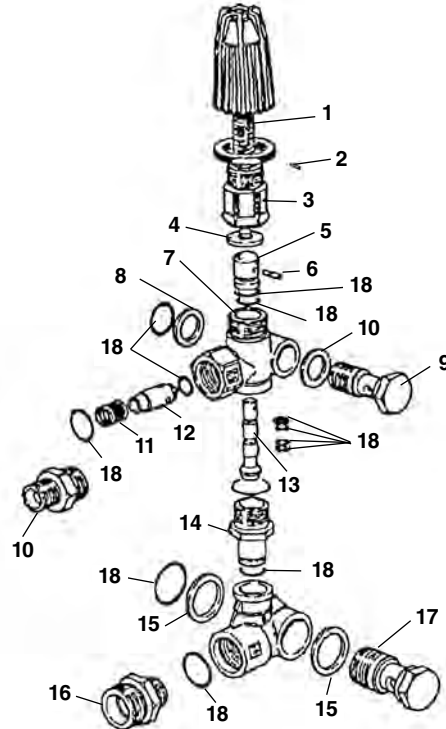
**NOTE: Order parts by Catalog Number Only.  
DO NOT order by Reference Number.**

Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description	Ref. No.	Catalog No.	Description
1	66092	Gasoline Engine, 13 Hp Manual Start	13	66132	Hex Hd. Cap Scr., Metric M8-10 (4)	26	66867	Coupling, 1/2" NPT
	66097	Gasoline Engine, 13 Hp Electric Start	14	48187	Rubber Foot (4)	27	48147	Street EL, 90 Degree, 1/2" NPT
2	49562	Decal, Warning	15	60230	Nut (4)	28	66167	Inlet Filter
3	60102	Decal, Fuel Warning	16	46375	Pulse Actuator Assembly	29	49587	Hose Adapter w/Washer
4	66102	Decal, Model No. KJ-3000	17	66137	Panel	30	48287	Filter Washer
5	66107	Key, 1/4" x 1/4" x 1"	18	63907	Pulse Actuator Handle	31	49582	Water Shut-Off
6	66112	Spacer, Gearbox Mount	19	46375	Soc. Hd. Cap Screw, #6 - 32 x 5/8"	32	48202	Hose Coupler Nipple
7	60080	Lock Washer (8)	20	66142	Decal, Instruction	33	48197	Hose Coupler
8	75350	Hex Screw, 3/8" - 16 x 1 1/4" (4)	21	65202	Unloader Valve	34	85877	Adjusting Screw w/Seals
9	66117	Pressure Gauge, KJ-3000	22	66147	Chemical Injector	35	85882	Seals for Adjusting Screw
10	48107	Street EL, 45 Degree	23	48117	Quick Connect - Female	36	65392	O-Ring
11	66122	Pump Complete, 3000 PSI	24	66157	Reducer Adapter		65127	Wash Wand Nozzle (Not Shown)
12	65412	Thermal Relief Valve	25	66162	Street EL, 90 Degree	37	95787	Reducing Bushing

## Unloader Valve - Early Style (Red Knob)

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

Ref. No.	Catalog No.	Description
1	64282	Spring
2	64292	Set Screw
3	64297	Spring Guide
4	64302	Spring Button
5	64307	Poppet
6	64312	Pin
7	64317	Valve Body
8	64322	Gasket (2)
9	64327	Outlet Port Adapter
10	64332	Poppet Retainer
11	64337	Spring
12	64342	Poppet
13	64347	Plunger
14	64352	By-Pass Spring
15	64357	Gasket
16	64362	Inlet Adapter
17	64372	Port Adapter
18	64377	Seal Kit



## Unloader Valve - (Black Knob)

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	64372	Inlet Port Adapter
14	64327	Outlet Port Adapter
15	85892	Plug Cap
16	32270	Soc. Hd. Cap Screw $\frac{5}{16}$ " - 18 - $\frac{3}{4}$ "
17	61115	Hex Nut $\frac{5}{16}$ " x 18
18	85887	Control Knob (Black)
19	85907	Cap
20	85917	Spring Guide
21	85912	Pin
22	64322	Seal Washer
23	64357	Seal Washer
24	85922	Seal Washer
25	85927	Seal Washer
26	85932	Seal Kit

