

THE WORK PRO®

by Mi-T-M®

8650 Enterprise Drive, Peosta IA 52068

563-556-7484 / Fax 563-556-1235

www.mitm.com

TECHNICAL PARTS LIST FOR

WP-3500-0MVB

WP-3504-0MHB

ENGINE OIL GRADE:

VANGUARD:

ABOVE 40°F = SAE30

BELOW 40°F= SAE10W-30

SAE10W-30

HONDA:

ENGINE OIL CAPACITY:

VANGUARD:

51 oz.

HONDA:

37 oz.

PUMP OIL GRADE:

Mi-T-M PUMP OIL #AW-4085-0016

PUMP OIL CAPACITY:

18.5 oz.

NOZZLE SIZE:

3.5

For parts Call 888-279-9274

This Parts Listing has been compiled for your benefit. You can be assured your Mi-T-M Cold Water Pressure Washer was constructed and designed with quality and performance in mind using over 25 years experience in the pressure washer business. Each component has been rigorously tested to insure the highest level of acceptance.

The contents of this Parts Listing are based on the latest product information available at the time of publication. Mi-T-M reserves the right to make changes in price, color, materials, equipment, specifications or models at any time without notice.

WARNING

THIS IS A PROFESSIONAL HIGH PRESSURE, COLD WATER PRESSURE WASHER. CAUTION SHOULD BE OBSERVED WHEN USING OR REPAIRING THIS UNIT! READ AND FOLLOW THE SAFETY WARNINGS LISTED BELOW BEFORE ATTEMPTING ANY REPAIRS ON THIS PRESSURE WASHER!

SAFETY WARNINGS

1. NEVER alter or modify the equipment. Be sure any accessory items and system components being used will withstand the pressure developed. Use only genuine Mi-T-M parts for repair of your pressure washer. Failure to do so can cause hazardous operating conditions and will VOID warranty.
2. NEVER make adjustments on machinery while the unit is connected to the engine without first removing the ignition cable from the spark plug. Turning over the machinery by hand during adjustment or cleaning might start the machinery, causing serious injury to the operator.
3. Know how to stop and bleed pressures quickly. Be thoroughly familiar with controls.
4. Before servicing the unit, turn unit off, relieve the water pressure and allow the unit to cool down. Do not make repairs while the unit is running. Service in a clean, dry, flat area. Block the wheels to prevent the unit from moving. Be especially careful to properly dispose of any flammable materials.
5. After testing the machine, DO NOT leave the pressurized unit unattended. Shut off the unit and release trapped pressure before leaving.

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SPECIFICATIONS

MODEL NUMBER	WP-3500-0MVB	WP-3504-0MHB
Operating Pressure (PSI/Bar):	3500/241.3	
High Pressure Nozzle:	3.5	
Water Volume (GPM/lpm):	3.3/12.5	
Engine:	Vanguard	Honda
Horsepower	13.0	
Engine Type	4 Stroke, Overhead Valve, Single Cylinder	
Oil Type	Above 40°F = SAE30/Below 40°F = SAE10W-30	SAE10W-30
Oil Capacity (oz./liters)	50/1.5	37/1.1
Low Oil Protection	Oil Guard™	Oil Alert™
Fuel Type	Unleaded Gasoline 86 Octane Minimum	
Fuel Capacity (gallon/ liters)	2.0/7.9	1.7/6.5
Starting	Recoil	
Maximum No Load RPM	3600 (+/- 100) RPM	
Pump:	Direct Driven, Oil Bath, Triplex Piston	
Oil Type	Mi-T-M Pump Oil #AW-4085-0016	
Oil Capacity (oz./liters)	18.5/6	
Plungers	Ceramic	
Manifold	Forged Brass	
Valves	Stainless Steel	
Unloader	Adjustable	
Heat Dump Valve	Relieves heated water during unloader bypass stage	
Detergent Injector	Adjustable low pressure down stream from pump	
Unit Net Weight (lbs/Kg)	142/64.5	
Unit Shipping Weight (lbs/Kg)	182/82.5	
Unit Net Dimension (in/cm)	34Lx23.5Wx25.5H/86Lx60Wx65H	
Unit Shipping Dimension (in/cm)	41Lx26Wx33H/104Lx66Wx84H	

NOTES

SERIAL BREAK NUMBER:

#10070000

#10176595

SERIAL BREAK EXPLANATION:

FRAME CHANGE FROM 5-0124A20 TO 5-0179A01.

PUMP CHANGE FROM 3-0188 TO 3-0267

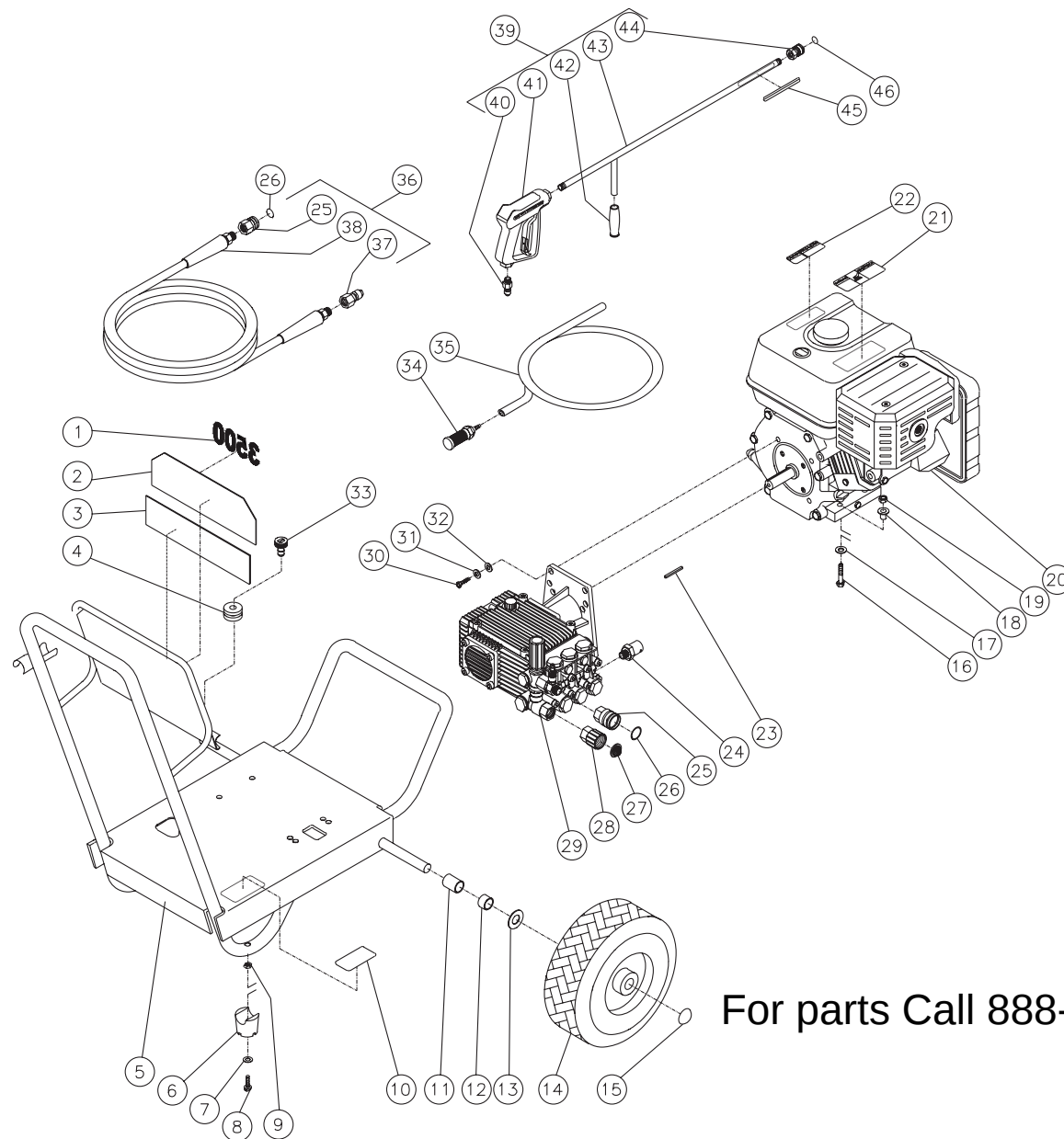
UNLOADER CHANGE FROM 8-0456 TO 8-0533

PRESSURE HOSE ASSY CHANGE FROM 851-0006 TO 851-0338

HOSE CHANGE FROM 15-0004 TO 15-0209

NOTES

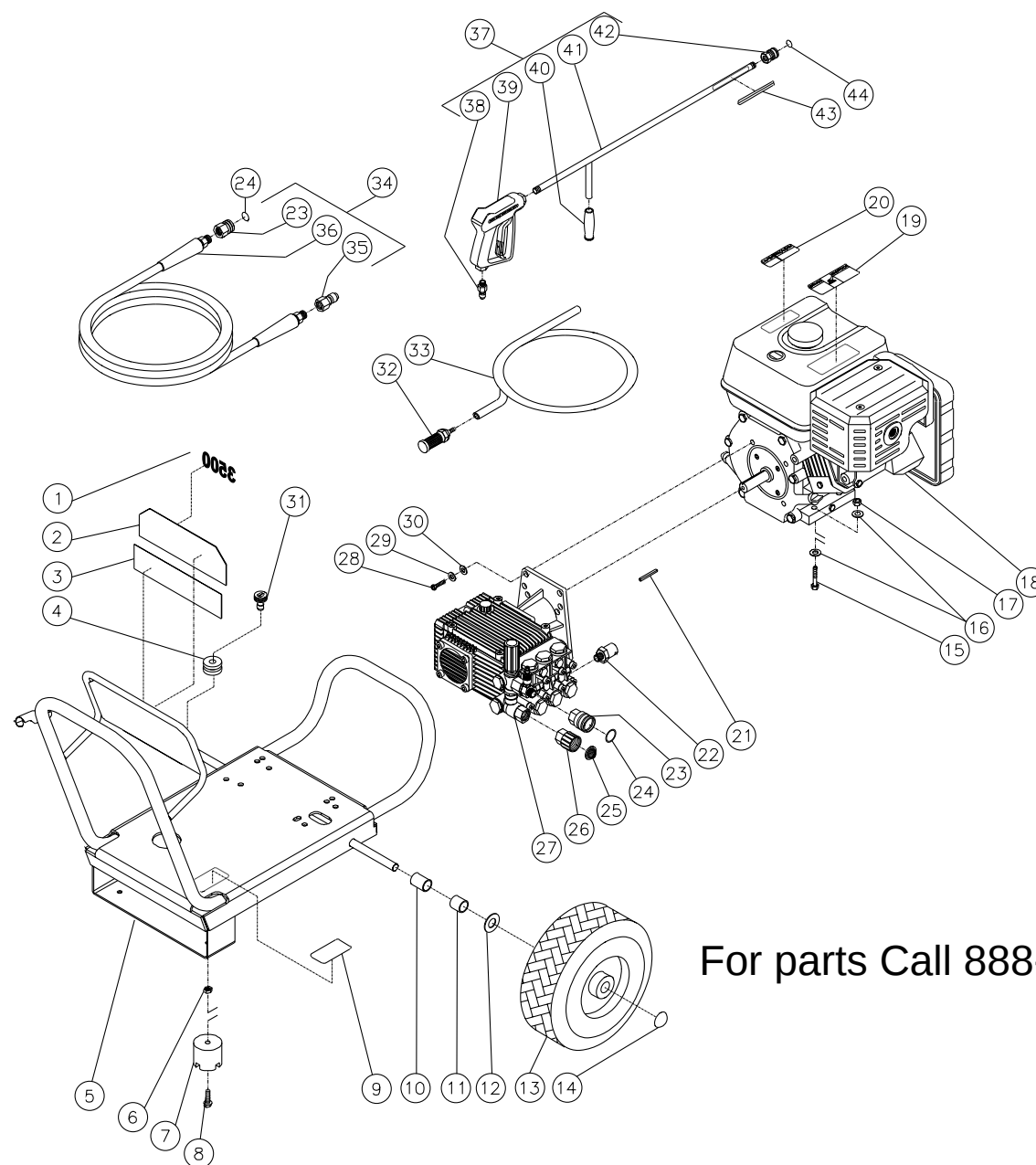
FRAME ASSEMBLY FOR WP-3500-0MVB (BEFORE SERIAL #10070000)



For parts Call 888-279-9274

FRAME ASSEMBLY FOR WP-3500-0MVB (BEFORE SERIAL #10070000)								
REF. #	DESCRIPTION	PART #	QTY.		REF. #	DESCRIPTION	PART #	QTY.
1	Decal- 3500 Die Cut	34-0909	1		26	O-ring (Replacement Only)	25-0123	-
2	Decal- Placard	34-0737	1		27	Filter	19-0001	1
3	Decal- Warning/Caution/Operation (E/S) (See 34-9018)	N/A Sep.	1		28	Garden Hose Swivel	23-0095	1
4	Grommet	33-0001	5		29	Pump	3-0188	1
5	Frame	5-0124A20	1		30	Bolt	27-0118	4
6	Isolator	14-0066	2		31	Lockwasher	29-0008	4
7	Washer	28-0021	2		32	Washer	28-0022	4
8	Bolt	27-0019	2		33	Nozzle- 1503.5	18-0258	1
9	Locknut	30-0155	2		-	Nozzle- 2503.5	18-0259	1
10	Decal- Data Plate	N/A	1		-	Nozzle- 6540	18-0148	1
11	Axle Spacer	20-0313A01	2		34	Detergent Strainer	19-0050	1
12	Axle Spacer	20-0314A01	2		35	Detergent Hose *(Four Feet Required)	15-0021	1
13	Washer	28-0008	5		36	Pressure Hose Assembly (Inc. 25, 37, 38)	851-0006	1
14	Wheel	14-0080	2		37	Quick Connect Plug	17-0006	1
15	Hubcap	33-0018	2		38	Pressure Hose	15-0004	1
16	Bolt	27-0070	4		39	Gun/Wand Assembly (Inc. 40-44)	851-0095	1
17	Washer	28-0003	4		40	Quick Connect Plug	17-0005	1
18	Shim	33-0169	4		41	Gun	16-0001	1
19	Locknut	30-0157	4		42	Grip Handle	7-0002	1
20	Engine- 13 H.P. Briggs & Stratton Vanguard	1-0090	1		43	Wand	16-0120A01	1
21	Decal- Warning: Muffler Hot (E/S) (See 34-9018)	N/A Sep.	1		44	Quick Connect Socket	17-0001	1
22	Decal- Caution: Allow to Cool (E/S) (See 34-9018)	N/A Sep.	1		45	Decal- Warning: Risk of Injection (E/S) (See 34-9018)	N/A Sep.	1
23	Key	43-0078	1		46	O-ring (Replacement Only)	25-0122	-
24	Heat Dump Valve	22-0005	1			Safety Decal Kit (Inc. 3, 21, 22, 45)	34-9018	
25	Quick Connect Socket	17-0004	2	*Must Order in One Foot Lengths				

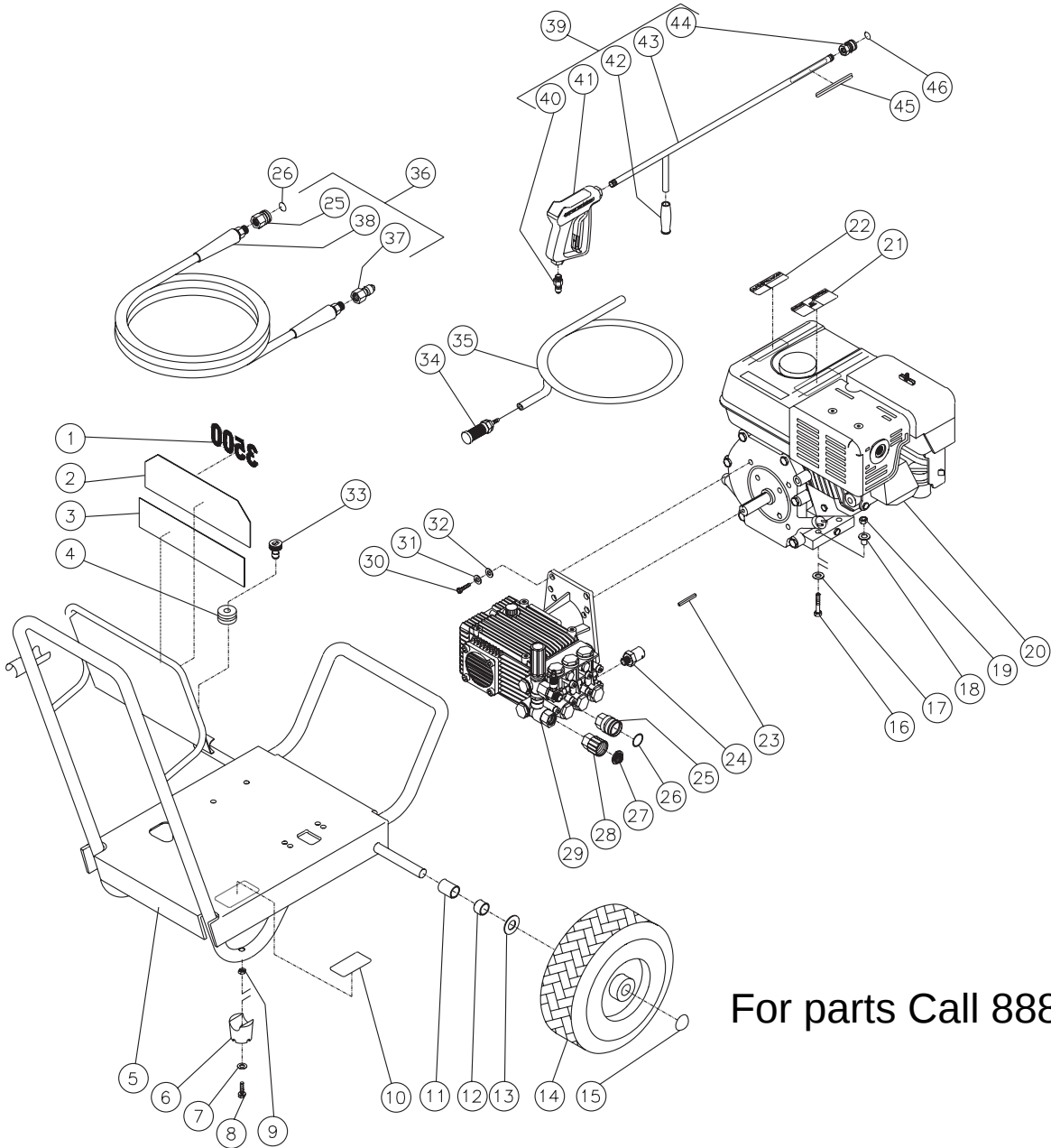
FRAME ASSEMBLY FOR WP-3500-0MVB (AFTER SERIAL #10070000)



For parts Call 888-279-9274

FRAME ASSEMBLY FOR WP-3500-0MVB (AFTER SERIAL #10070000)							
REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Decal- 3500 Die Cut	34-0909	1	25	Filter	19-0001	1
2	Decal- Placard	34-0737	1	26	Garden Hose Swivel	23-0095	1
3	Decal- Warning/Caution/Operation (E/S) (See 34-9018)	N/A Sep.	1	27	Pump	3-0188	1
4	Grommet	33-0001	5	28	Bolt	27-0118	4
5	Frame	5-0179A01	1	29	Lockwasher	29-0008	4
6	Locknut	30-0157	2	30	Washer	28-0022	4
7	Isolator	14-0008	2	31	Nozzle- 1503.5	18-0258	1
8	Bolt	27-0068	2	-	Nozzle- 2503.5	18-0259	1
9	Decal- Data Plate	N/A	1	-	Nozzle- 6540	18-0148	1
10	Axle Spacer	20-0313A01	2	32	Detergent Strainer	19-0050	1
11	Axle Spacer	20-0314A01	2	33	Detergent Hose *(Four Feet Required)	15-0021	1
12	Washer	28-0008	5	34	Pressure Hose Assembly (Inc. 23, 35, 36)	851-0006	1
13	Wheel	14-0017	2	35	Quick Connect Plug	17-0006	1
14	Hubcap	33-0018	2	36	Pressure Hose	15-0004	1
15	Bolt	27-0121	4	37	Gun/Wand Assembly (Inc. 38-42)	851-0095	1
16	Washer	28-0023	8	38	Quick Connect Plug	17-0005	1
17	Locknut	30-0159	4	39	Gun	16-0001	1
18	Engine- 13 H.P. Briggs & Stratton Vanguard	1-0090	1	40	Grip Handle	7-0002	1
19	Decal- Warning: Muffler Hot (E/S) (See 34-9018)	N/A Sep.	1	41	Wand	16-0120A01	1
20	Decal- Caution: Allow to Cool (E/S) (See 34-9018)	N/A Sep.	1	42	Quick Connect Socket	17-0001	1
21	Key	43-0078	1	43	Decal- Warning: Risk of Injection (E/S) (See 34-9018)	N/A Sep.	1
22	Heat Dump Valve	22-0005	1	44	O-ring (Replacement Only)	25-0122	-
23	Quick Connect Socket	17-0004	2		Safety Decal Kit (Inc. 3, 19-20, 43)	34-9018	
24	O-ring (Replacement Only)	25-0123	-	*Must Order in One Foot Lengths			

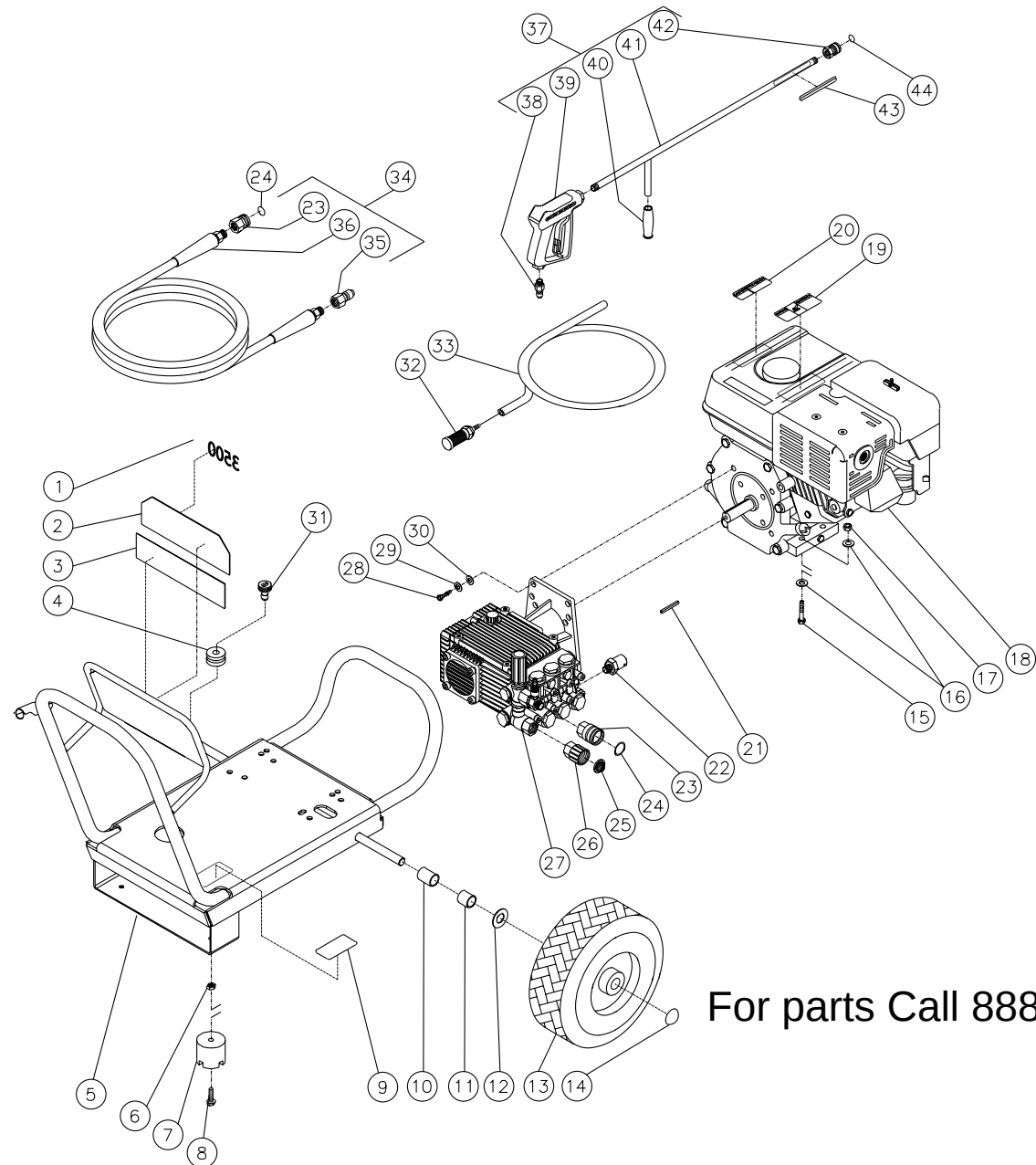
FRAME ASSEMBLY FOR WP-3504-0MHB (BEFORE SERIAL #10070000)



For parts Call 888-279-9274

FRAME ASSEMBLY FOR WP-3504-0MHB (BEFORE SERIAL #10070000)							
REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Decal- 3500 Die Cut	34-0909	1	26	O-ring (Replacement Only)	25-0123	-
2	Decal- Placard	34-0737	1	27	Filter	19-0001	1
3	Decal- Warning/Caution/Operation (E/S) (See 34-9018)	N/A Sep.	1	28	Garden Hose Swivel	23-0095	1
4	Grommet	33-0001	5	29	Pump	3-0188	1
5	Frame	5-0124A20	1	30	Bolt	27-0118	4
6	Isolator	14-0066	2	31	Lockwasher	29-0008	4
7	Washer	28-0021	2	32	Washer	28-0022	4
8	Bolt	27-0019	2	33	Nozzle- 1503.5	18-0258	1
9	Locknut	30-0155	2	-	Nozzle- 2503.5	18-0259	1
10	Decal- Data Plate	N/A	1	-	Nozzle- 6540	18-0148	1
11	Axle Spacer	20-0313A01	2	34	Detergent Strainer	19-0050	1
12	Axle Spacer	20-0314A01	2	35	Detergent Hose *(Four Feet Required)	15-0021	1
13	Washer	28-0008	5	36	Pressure Hose Assembly (Inc. 25, 37, 38)	851-0006	1
14	Wheel	14-0080	2	37	Quick Connect Plug	17-0006	1
15	Hubcap	33-0018	2	38	Pressure Hose	15-0004	1
16	Bolt	27-0070	4	39	Gun/Wand Assembly (Inc. 40-44)	851-0095	1
17	Washer	28-0003	4	40	Quick Connect Plug	17-0005	1
18	Shim	33-0169	4	41	Gun	16-0001	1
19	Locknut	30-0157	4	42	Grip Handle	7-0002	1
20	Engine- 13 H.P. Honda	1-0086	1	43	Wand	16-0120A01	1
21	Decal- Warning: Muffler Hot (E/S) (See 34-9018)	N/A Sep.	1	44	Quick Connect Socket	17-0001	1
22	Decal- Caution: Allow to Cool (E/S) (See 34-9018)	N/A Sep.	1	45	Decal- Warning: Risk of Injection (E/S) (See 34-9018)	N/A Sep.	1
23	Key	43-0078	1	46	O-ring (Replacement Only)	25-0122	-
24	Heat Dump Valve	22-0005	1		Safety Decal Kit (Inc. 3, 21, 22, 45)	34-9018	
25	Quick Connect Socket	17-0004	2	*Must Order in One Foot Lengths			

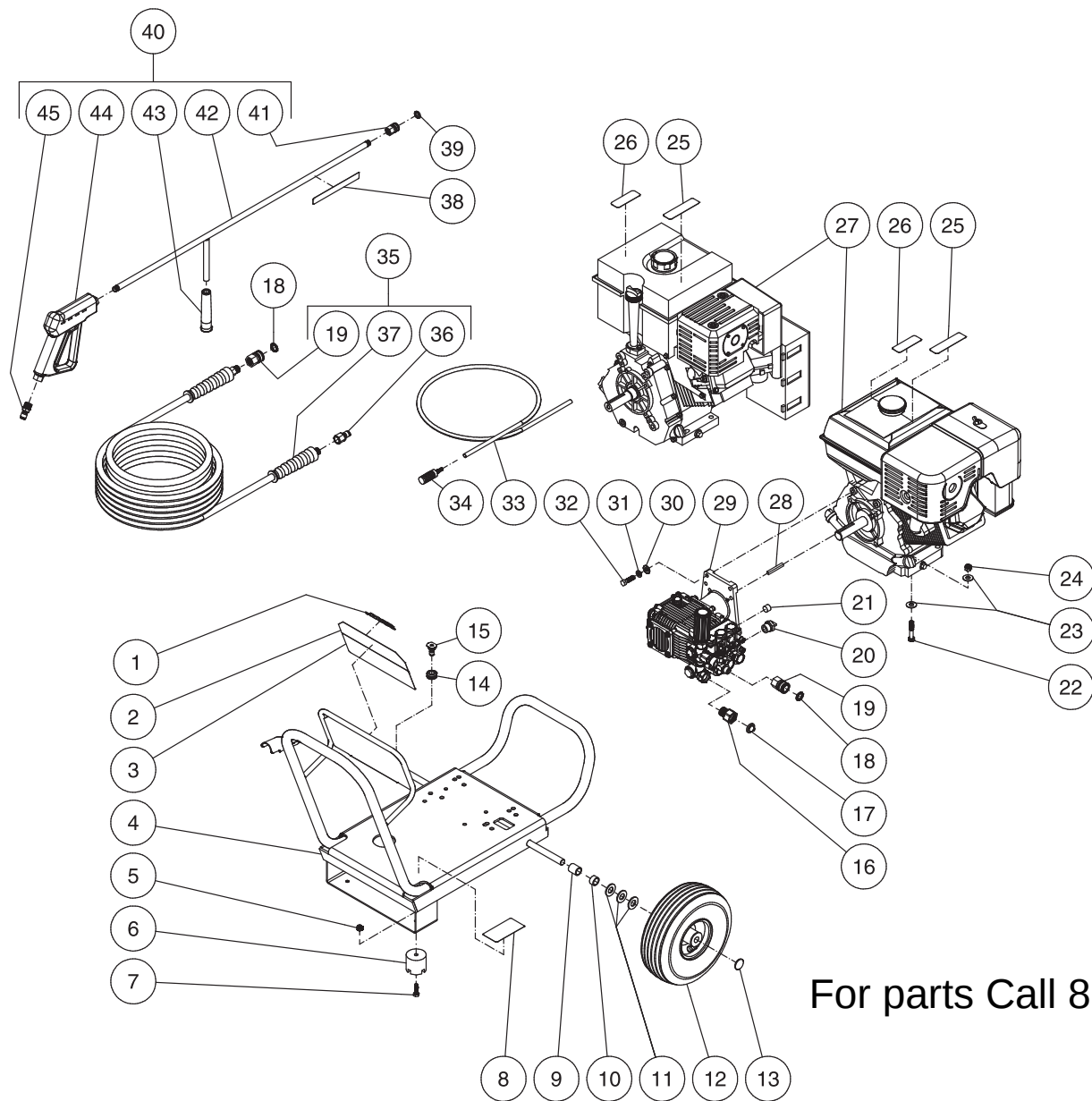
FRAME ASSEMBLY FOR WP-3504-0MHB (AFTER SERIAL #10070000)



For parts Call 888-279-9274

FRAME ASSEMBLY FOR WP-3504-0MHB (AFTER SERIAL #10070000)							
REF. #	DESCRIPTION	PART #	QTY.		REF. #	DESCRIPTION	PART # QTY.
1	Decal- 3500 Die Cut	34-0909	1		25	Filter	19-0001 1
2	Decal- Placard	34-0737	1		26	Garden Hose Swivel	23-0095 1
3	Decal- Warning/Caution/Operation (See 34-9018)	N/A Sep.	1		27	Pump	3-0188 1
4	Grommet	33-0001	5		28	Bolt	27-0118 4
5	Frame	5-0179A01	1		29	Lockwasher	29-0008 4
6	Locknut	30-0157	2		30	Washer	28-0022 4
7	Isolator	14-0008	2		31	Nozzle- 1503.5	18-0258 1
8	Bolt	27-0068	2		-	Nozzle- 2503.5	18-0259 1
9	Decal- Data Plate	N/A	1		-	Nozzle- 6540	18-0148 1
10	Axle Spacer	20-0313A01	2		32	Detergent Strainer	19-0050 1
11	Axle Spacer	20-0314A01	2		33	Detergent Hose *(Four Feet Required)	15-0021 1
12	Washer	28-0008	5		34	Pressure Hose Assembly (Inc. 23, 35, 36)	851-0006 1
13	Wheel	14-0017	2		35	Quick Connect Plug	17-0006 1
14	Hubcap	33-0018	2		36	Pressure Hose	15-0004 1
15	Bolt	27-0121	4		37	Gun/Wand Assembly (Inc. 38-42)	851-0095 1
16	Washer	28-0003	8		38	Quick Connect Plug	17-0005 1
17	Locknut	30-0159	4		39	Gun	16-0001 1
18	Engine- 13 H.P. Honda	1-0086	1		40	Grip Handle	7-0002 1
19	Decal- Warning: Muffler Hot (See 34-9018)	N/A Sep.	1		41	Wand	16-0120A01 1
20	Decal- Caution: Allow to Cool (See 34-9018)	N/A Sep.	1		42	Quick Connect Socket	17-0001 1
21	Key	43-0078	1		43	Decal- Warning: Risk of Injection (See 34-9018)	N/A Sep. 1
22	Heat Dump Valve	22-0005	1		44	O-ring (Replacement Only)	25-0122 -
23	Quick Connect Socket	17-0004	2			Safety Decal Kit (Inc. 3, 19-20, 43)	34-9018
24	O-ring (Replacement Only)	25-0123	-		*Must Order in One Foot Lengths		

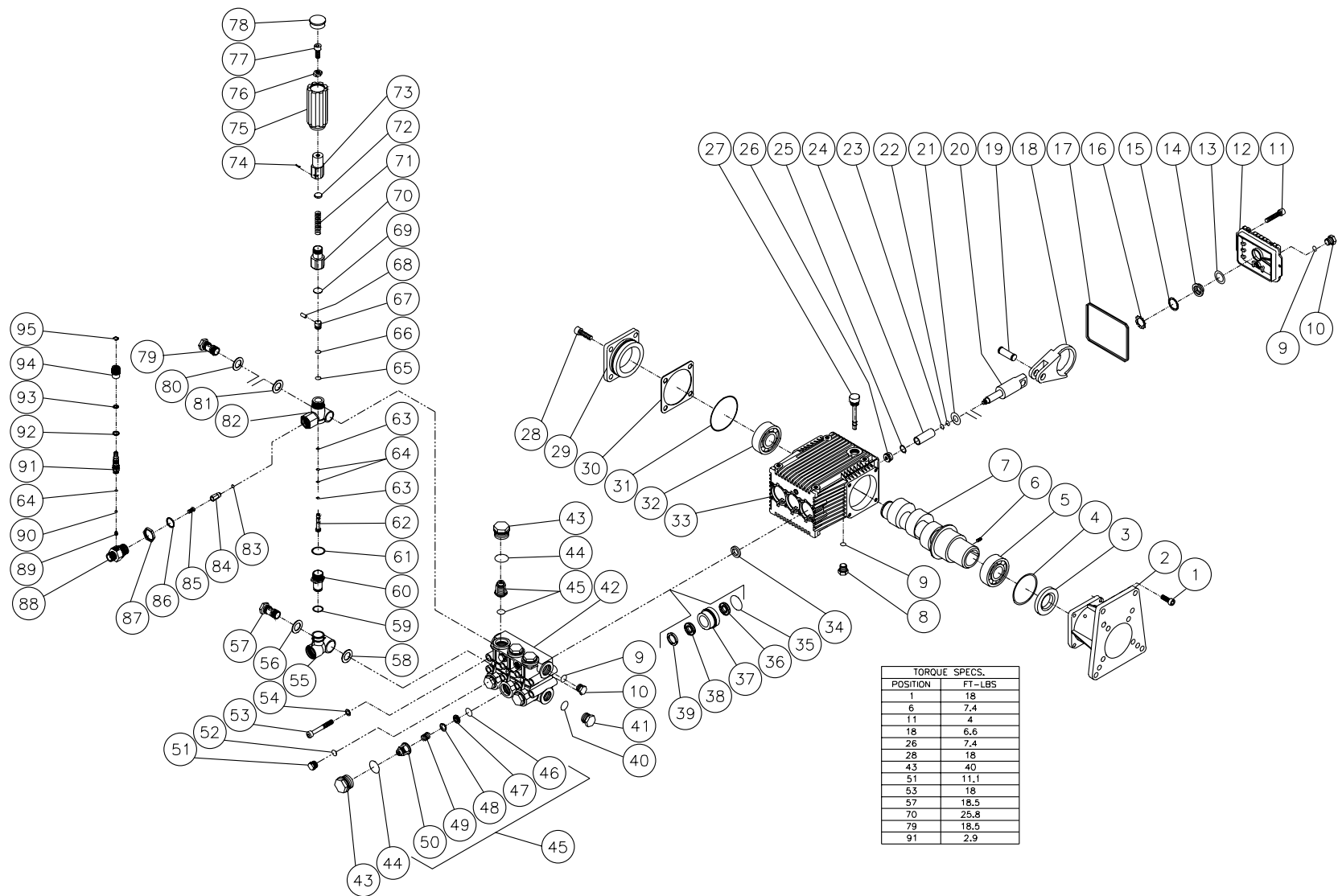
FRAME ASSEMBLY FOR WP-3500-0MVB & WP-3504-0MHB (AFTER SERIAL #10176595)



For parts Call 888-279-9274

FRAME ASSEMBLY FOR WP-3500-0MVB & WP-3504-0MHB (AFTER SERIAL #10176595)							
REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Decal- 3500 Die Cut	34-0909	1	24	Locknut	30-0159	4
2	Decal- Placard	34-0737	1	25	Decal- Warning: Muffler Hot (E/S) (See 34-9018)	N/A Sep.	1
3	Decal- Warning/Caution/Operation (E/S) (See 34-9018)	N/A Sep.	1	26	Decal- Caution: Allow to Cool (E/S) (See 34-9018)	N/A Sep.	1
4	Frame	5-0179A01	1	27	Engine- 13 H.P. Honda (WP-3504-0MHB)	1-0086	1
5	Locknut	30-0157	2	-	Engine- 13 H.P. Vanguard (WP-3500-0MVB)	1-0090	1
6	Isolator	14-0008	2	28	Key	43-0078	1
7	Bolt	27-0068	2	29	Pump	3-0267	1
8	Decal- Data Plate	N/A	1	30	Washer	28-0022	4
9	Axle Spacer	20-0313A01	2	31	Lockwasher	29-0008	4
10	Axle Spacer	20-0314A01	2	32	Bolt	27-0118	4
11	Washer	28-0008	5	33	Detergent Hose *(Four Feet Required)	15-0021	1
12	Wheel	14-0017	2	34	Detergent Strainer	19-0050	1
13	Hubcap	33-0018	2	35	Pressure Hose Assembly (Inc. 19, 36-37)	851-0338	1
14	Grommet	33-0001	5	36	Quick Connect Plug	17-0006	1
15	Nozzle- 1503.5	18-0258	1	37	Pressure Hose	15-0209	1
-	Nozzle- 2503.5	18-0259	1	38	Decal- Warning: Risk of Injection (E/S) (See 34-9018)	N/A Sep.	1
-	Nozzle- 6540	18-0148	1	39	O-ring (Replacement Only)	25-0122	-
16	Garden Hose Swivel	23-0095	1	40	Gun/Wand Assembly (Inc. 41-45)	851-0095	1
17	Filter	19-0001	1	41	Quick Connect Plug	17-0001	1
18	O-ring (Replacement Only)	25-0123	-	42	Wand	16-0120A01	1
19	Quick Connect Socket	17-0004	2	43	Grip Handle	7-0002	1
20	Thermal Relief Valve	22-0005	1	44	Gun	16-0001	1
21	Plug	23-0244	1	45	Quick Connect Socket	17-0005	1
22	Bolt	27-0121	4		Safety Decal Kit (Inc. 3, 25-26, 38)	34-9005	
23	Washer	28-0023	8	*Must Order in One Foot Lengths			

PUMP ASSEMBLY (3-0188)

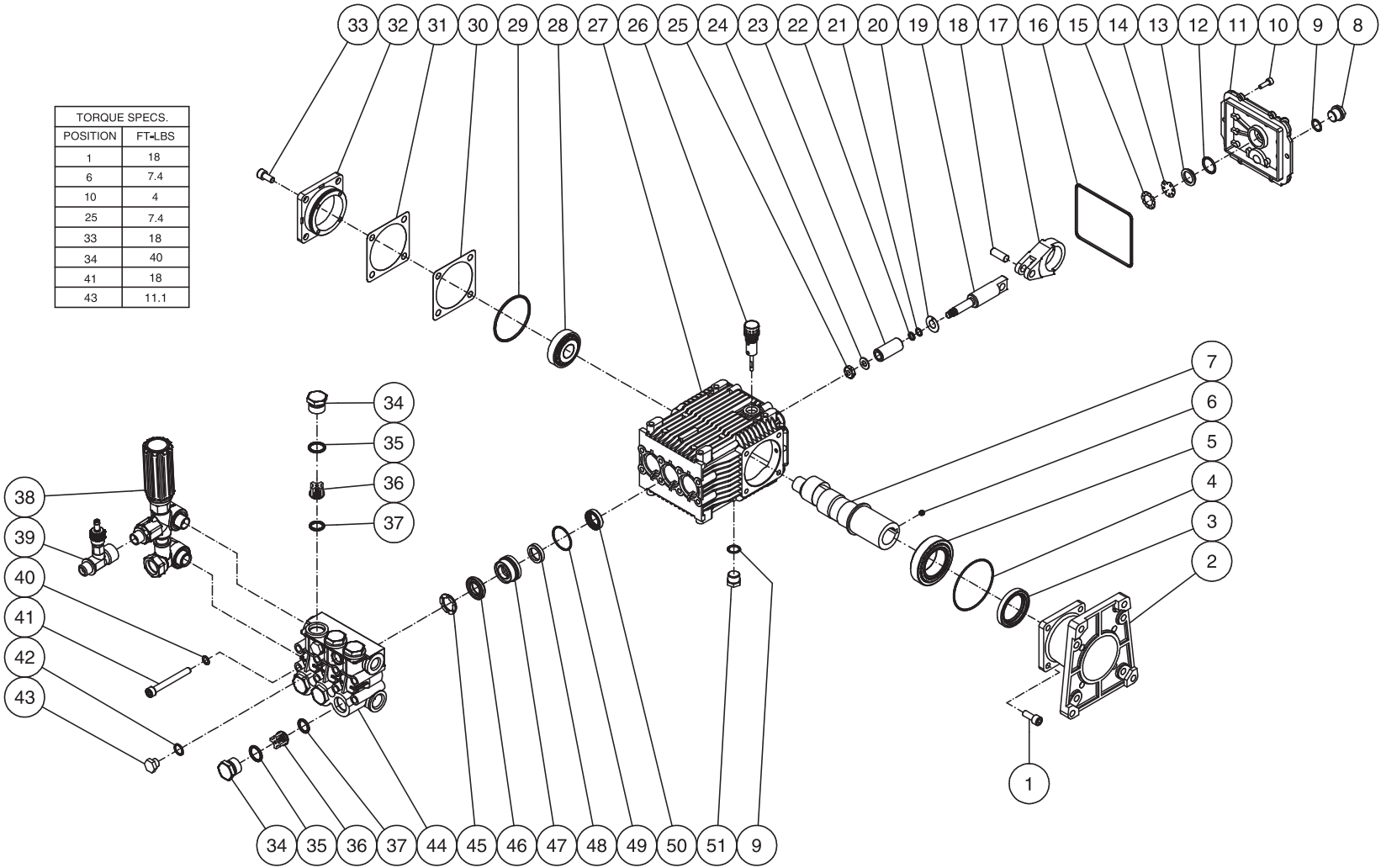


3-0188-030503-RD

PUMP ASSEMBLY (3-0188)													
REF. #	DESCRIPTION	PART #	QTY.		REF. #	DESCRIPTION	PART #	QTY.		REF. #	DESCRIPTION	PART #	QTY.
1	Bolt	27-8432	4		33	Crankshaft	46-0811	1		69	Spring Button	8-0445	1
2	Flange	46-0714	1		34	Oil Seal	46-0931	3		70	Guide Spring	8-0474	1
3	Oil Seal	26-0194	1		35	O-ring	25-0384	3		71	Spring	49-0132	1
4	O-Ring	25-0397	1		36	Low Pressure Seal (See 70-0177)	N/A Sep.	3		72	Spring Button	8-0475	1
5	Roller Bearing	48-0062	1		37	Packing Retainer	46-0708	3		73	Adjustment	8-0476	
6	Set Screw	27-8886	1		38	V-Packing (See 70-0177)	N/A Sep.	3		74	Pin	8-0477	1
7	Crankshaft	46-0959	1		39	Support Ring (See 70-0178)	N/A Sep.	3		75	Unloader Knob	7-0141	1
-	Crankshaft (Before Serial #409521)	46-0734	1		40	O-ring	25-0372	1		76	Nut	30-3025	1
8	Plug	39-0102	1		41	Plug	39-0088	1		77	Bolt	27-8433	1
9	O-ring	25-0325	3		42	Manifold	46-0711	1		78	Cap	7-0142	1
10	Plug	39-0086	2		43	Valve Cap	39-0095	6		79	Adapter	8-0448	1
11	Bolt	27-8885	6		44	O-ring	25-0160	6		80	Washer	8-0449	1
12	Crankshaft Cover	46-0719	1		45	Single Valve Assembly (Inc. 46-50) (See 70-0179)	N/A Sep.	6		81	Washer	8-0450	1
13	O-ring	25-0370	1		46	O-ring	25-0386	6		82	Unloader Body	8-0451	1
14	Oil Sight Glass	46-0670	1		47	Valve Seat (See 70-0179)	N/A Sep.	6		83	O-ring	25-0437	1
15	Reflector	46-0824	1		48	Valve Plate (See 70-0179)	N/A Sep.	6		84	Check Vavle	8-0454	1
16	Retainer	46-0671	1		49	Valve Spring (See 70-0179)	N/A Sep.	6		85	Spring	49-0123	1
17	O-ring	25-0398	1		50	Valve Cage (See 70-0179)	N/A Sep.	6		86	O-ring	25-0372	1
18	Connecting Rod	46-0922	3		51	Plug	39-0096	2		87	Nut	8-0497	1
-	Connecting Rod (Before Serial #409521)	46-0697	3		52	O-ring	25-0387	2		88	Injector Adapter	8-0498	1
19	Piston Pin	46-0698	3		53	Head Bolt	27-8440	8		89	Detergent Injector Spring (See 70-0196)	N/A Sep.	1
20	Plunger Rod	46-0699	3		54	Lockwasher	29-0154	8		90	Ball (See 70-0196)	N/A Sep.	1
21	Washer	46-0700	3		55	Inlet Bypass Adapter	8-0437	1		91	Barb	8-0499	1
22	Back-up Ring	25-0404	3		56	Washer	8-0440	1		92	O-ring (See 70-0196)	N/A Sep.	1
23	O-ring	25-0382	3		57	Adapter	8-0438	1		93	O-ring (See 70-0196)	N/A Sep.	1
24	Piston	46-0701	3		58	Washer	8-0439	1		94	Adjustable Detergent Knob	7-0152	1
25	Washer	26-0191	3		59	O-ring (See 70-0180)	N/A Sep.	1		95	Snap Ring (See 70-0196)	N/A Sep.	1
26	Nut	30-6020	3		60	Nipple	8-0441	1			High Pressure Seals (Includes 3 each 35, 36, 38)	70-0177	
27	Oil Dipstick	39-0090	1		61	O-ring (See 70-0180)	N/A Sep.	1			Support Rings (Includes 3 each 39)	70-0178	
28	Bolt	27-8884	4		62	Piston	8-0442	1			Valves (Includes 6 each 46-50)	70-0179	
29	Bearing Cap	46-0703	1		63	Back-up Ring (See 70-0180)	N/A Sep.	2			Unloader (Includes 55-85)	8-0456	
30	Shim 0.1mm (Qty. Varies 1-3)	46-0704	-		64	O-ring	25-0371	3			Unloader Repair (Includes 59, 61, 63-66, 83)	70-0180	
-	Shim 0.2mm (Qty. Varies 1-3)	46-0705	-		65	O-ring (See 70-0180)	N/A Sep.	1			Injector (Includes 64, 86-95)	70-0196	
31	O-ring	25-0380	1		66	Back-up Ring (See 70-0180)	N/A Sep.	1			Oil Seal Kit (Inc. 3, 4, 17, 31, 34)	70-0337	
32	Bearing	48-0072	1		67	Poppet	8-0443	1			Piston Kit (Inc. 3 each 21-26)	70-0352	
-	Bearing (Before Serial #409521)	48-0061	1		68	Pin	8-0444	1					

PUMP ASSEMBLY (3-0267)

TORQUE SPECS.	
POSITION	FT-LBS
1	18
6	7.4
10	4
25	7.4
33	18
34	40
41	18
43	11.1



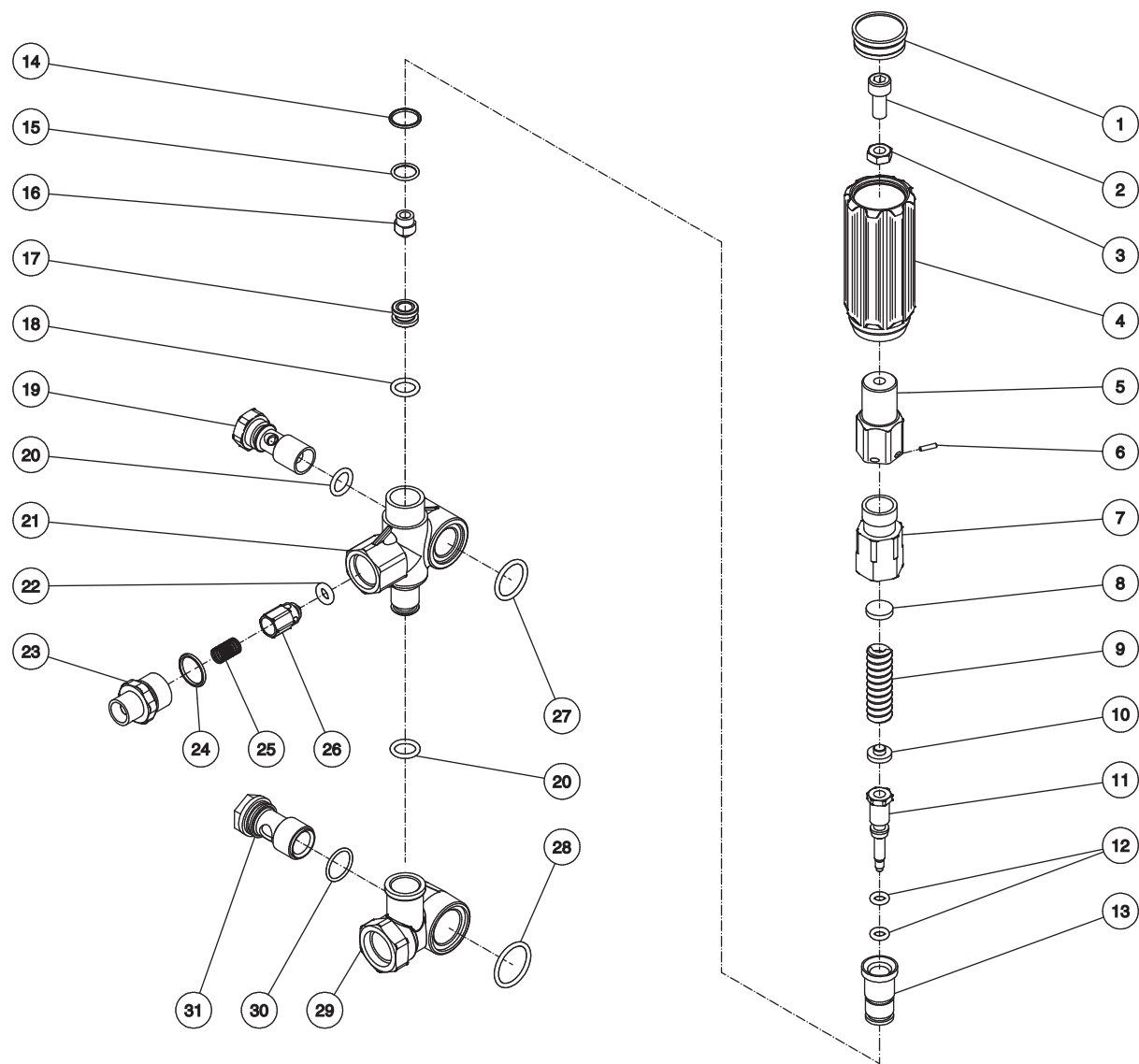
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3-0267-021705-JJF

PUMP ASSEMBLY (3-0267)

REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Screw	27-8432	4	20	Washer	46-0700	3	39	Detergent Injector	70-0417	1
2	Pump Flange	46-0714	1	21	Back Ring	25-0404	3	40	Lockwasher	29-0154	8
3	Oil Seal	26-0194	1	22	O-ring	25-0382	3	41	Screw	27-8440	8
4	O-ring	25-0397	1	23	Piston	46-0701	3	42	O-ring	25-0387	2
5	Bearing	48-0062	1	24	Washer / Gasket	26-0191	3	43	Plug	39-0096	2
6	Bolt	27-8886	1	25	Nut	30-6020	3	44	Manifold	46-0711	1
7	Crankshaft	46-0959	1	26	Oil Dipstick	39-0090	1	45	Support Ring (See 70-0178)	N/A Sep.	3
8	Plug	39-0086	1	27	Pump Crankcase	46-0811	1	46	V-Packing (See 70-0177)	N/A Sep.	3
9	O-ring	25-0325	2	28	Bearing	48-0072	1	47	Packing Retainer	46-0708	3
10	Screw	27-8885	6	29	O-ring	25-0380	1	48	Low Pressure Seal (See 70-0177)	N/A Sep.	3
11	Pump	46-0719	1	30	Shim - 0.2mm (Qty. vaires 1-3)	46-0705	1	49	O-ring	25-0384	3
12	O-ring	25-0370	1	31	Shim - 0.1mm (Qty. vaires 1-3)	46-0704	1	50	Oil Seal	46-0931	3
13	Oil Sight Glass	46-0670	1	32	Bearing Cap	46-0703	1	51	Plug	39-0102	1
14	Oil Reflector	46-0824	1	33	Bolt	27-8884	4		Oil Seals Kit (Inc. 3-4, 16, 29, 50)	70-0337	
15	Spring Retainer	46-0671	1	34	Valve Cap	39-0095	6		Piston Kit (Inc. 3 each 20-25)	70-0352	
16	O-ring	25-0398	1	35	O-ring	25-0160	6		High Pressure Seals Kit (Inc. 3 each 46, 48-49)	70-0177	
17	Connecting Rod	46-0922	3	36	Complete Valve Assembly (See 70-0179)	N/A Sep.	6		Support Ring Kit (Inc. 3 each 45)	70-0178	
18	Piston Pin	46-0698	3	37	O-ring	25-0386	6		Valve Kit (Inc. 6 each 36-37)	70-0179	
19	Plunger Rod	46-0699	3	38	Unloader	8-0533	1				

UNLOADER ASSEMBLY (8-0533)

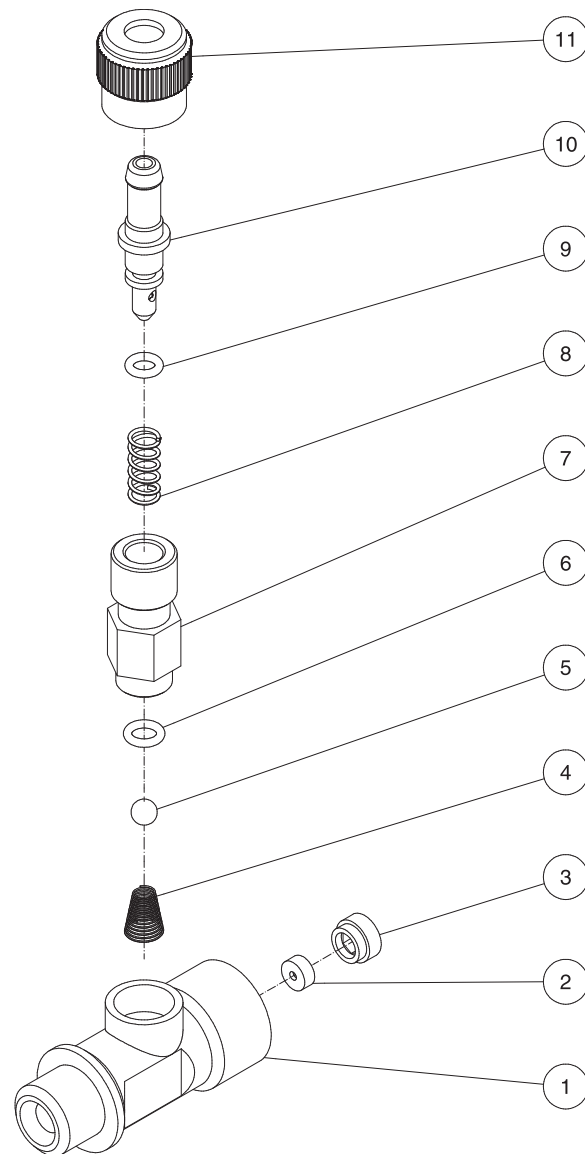


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UNLOADER ASSEMBLY (8-0533)

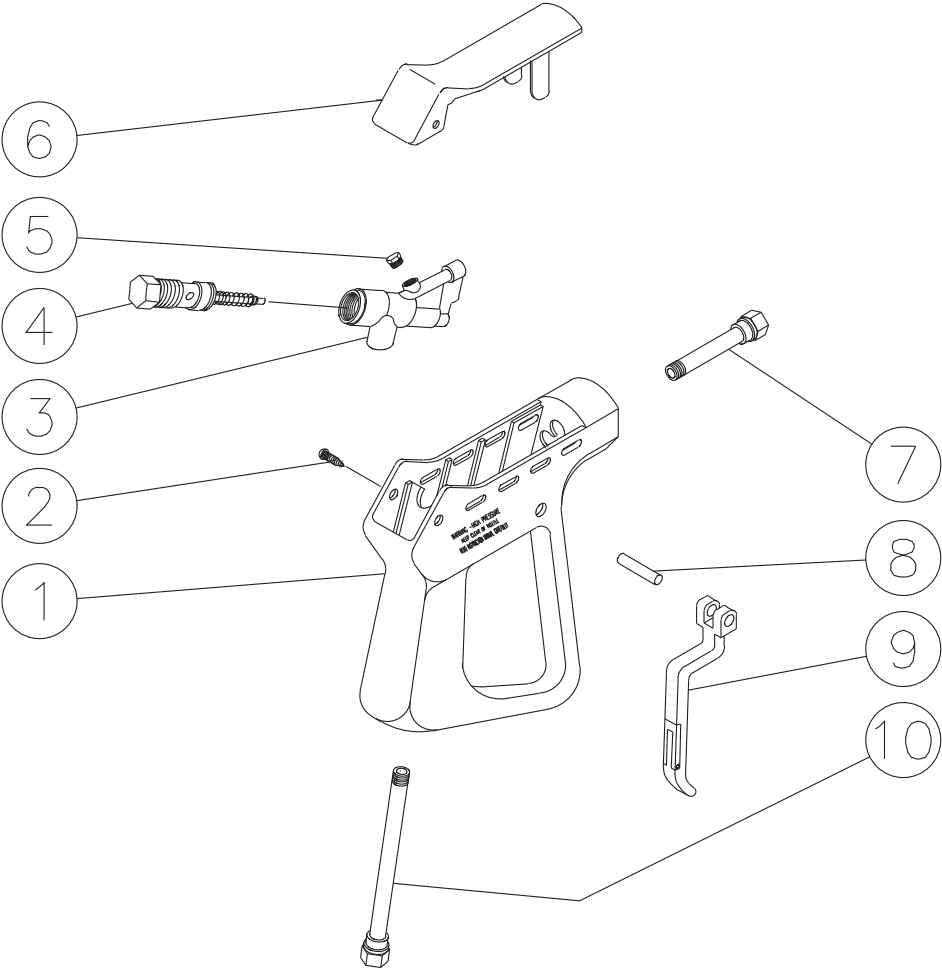
REF. #	DESCRIPTION	PART #	QTY.		REF. #	DESCRIPTION	PART #	QTY.
1	Unloader Cap	7-0142	1		17	Seat	8-0529	1
2	Screw	27-8433	1		18	O-ring	25-0527	1
3	Nut	30-3025	1		19	Bolt	8-0531	1
4	Unloader Knob	7-0141	1		20	O-ring	25-0388	2
5	Unloader	8-0476	1		21	Unloader Body	8-0530	1
6	Unloader Pin	8-0478	1		22	O-ring	25-0437	1
7	Spring Guide	8-0523	1		23	O-ring	25-0519	1
8	Upper Plate	8-0524	1		24	Bolt	25-0372	1
9	Unloader Spring	49-0132	1		25	Unloader Check Valve Spring	49-0123	1
10	Lower Plate	8-0525	1		26	Unloader Check Valve	8-0454	1
11	Piston	8-0526	1		27	O-ring	25-0528	1
12	O-ring	25-0526	2		28	O-ring	25-0519	1
13	Piston Guide	8-0527	1		29	Bypass Housing	8-0532	1
14	O-ring	25-0510	1		30	O-ring	25-0389	1
15	O-ring	25-0407	1		31	Bolt	8-0517	1
16	Bypass Jet	8-0528	1			Unloader Repair Kit (Inc. 12, 14-15, 18, 20, 22, 24, 27, 28, 30)	70-0341	

DETERGENT INJECTOR (70-0417)



DETERGENT INJECTOR (70-0417)			
REF. #	DESCRIPTION	PART #	QTY.
1	Injector Adapter	N/A	1
2	Nozzle	N/A	1
3	Stop Ring Nut	N/A	1
4	Spring (See 70-0418)	N/A Sep.	1
5	Ball (See 70-0418)	N/A Sep.	1
6	O-ring (See 70-0418)	N/A Sep.	1
7	Adjusting Connection	N/A	1
8	Spring	N/A	1
9	O-ring	N/A	1
10	Hose Barb	N/A	1
11	Detergent Regulator Knob	N/A	1
	Injector Repair Kit (Inc. 4-6)	70-0418	

GUN ASSEMBLY (16-0001)



GUN ASSEMBLY (16-0001)			
REF. #	DESCRIPTION	PART #	QTY.
1	Plastic Housing	16-0008	1
2	Screw	27-3230	2
3	Brass Housing	16-0012	1
4	Gun Repair Kit	70-0055	1
5	Brass Plug	39-0024	1
6	Plastic Cover	16-0009	1
7	Pipe Assembly	16-0013	1
8	Trigger Pin	16-0063	1
9	Trigger/Safety Lock-off	16-0010	1
10	Pipe Assembly- Inlet	16-0016	1
	Complete Gun Assembly	16-0001	1

For parts Call 888-279-9274

NOTES

