

THE WORK PRO[®]

by Mi-T-M[®]

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TECHNICAL PARTS LIST FOR *WP-2700-3MBB/HB/IB* *WP-2703-3MHB/RB*

ENGINE OIL GRADE:
HONDA / SUBARU:
B & S INTEK:

ENGINE OIL CAPACITY:
PUMP OIL GRADE:
PUMP OIL CAPACITY:
NOZZLE SIZE:

SAE 10W-30
ABOVE 40° = SAE30
BELOW 40° = SAE 10W-30
20 oz.
SAE75W-90 SYNTHETIC
4.5 oz.
3.0

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 engine and machinery with it, 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-2700-3MIB	WP-2700-3MBB	WP-2700-3MHB	WP-2703-3MHB	WP-2703-3MRB
Operating Pressure (PSI/Bar):	2700/186.2				
High Pressure Nozzle:	3.0				
Water Volume (GPM/lpm):	2.4/9.1				
Engine:	Intek I/C	Intek Cool Bore	Honda		Robin
Horsepower	6.5		6.0	6.5	7.0
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)	20/ .6				
Low Oil Protection	Oil Guard™	N/A	Oil Alert™		Oil Sensor
Fuel Type	Unleaded Gasoline 86 Octane Minimum				
Fuel Capacity (gallon/ liters)	.75/2.85		1.7/6.5	.95/ 3.6	
Starting	Recoil				
Maximum No Load RPM	3600 (+/- 100) RPM				
Pump:	Direct Driven, Oil Bath, Triplex Axial Piston				
Oil Type	SAE75W-90 Synthetic				
Oil Capacity (oz./liters)	4.5/13				
Plungers	Ceramic Coated				
Manifold	Forged Brass				
Valves	Stainless Steel				
Unloader	Adjustable				
Thermal Relief Valve	Relieves heated water during unloader bypass stage.				
Detergent Injector	Low pressure down stream from pump				
Unit Net Weight (lbs/Kg)	75/34				
Unit Shipping Weight (lbs/Kg)	87/39.5				
Unit Net Dimension (in/cm)	30Lx21Wx26H/76Lx53.5Wx66H				
Unit Shipping Dimension (in/cm)	30.5Lx21.5Wx26.5H/77.5Lx54.5Wx67.5H				

NOTES

SERIAL BREAK NUMBER:

#10079329

9/22/03

2/8/05

SERIAL BREAK EXPLANATION:

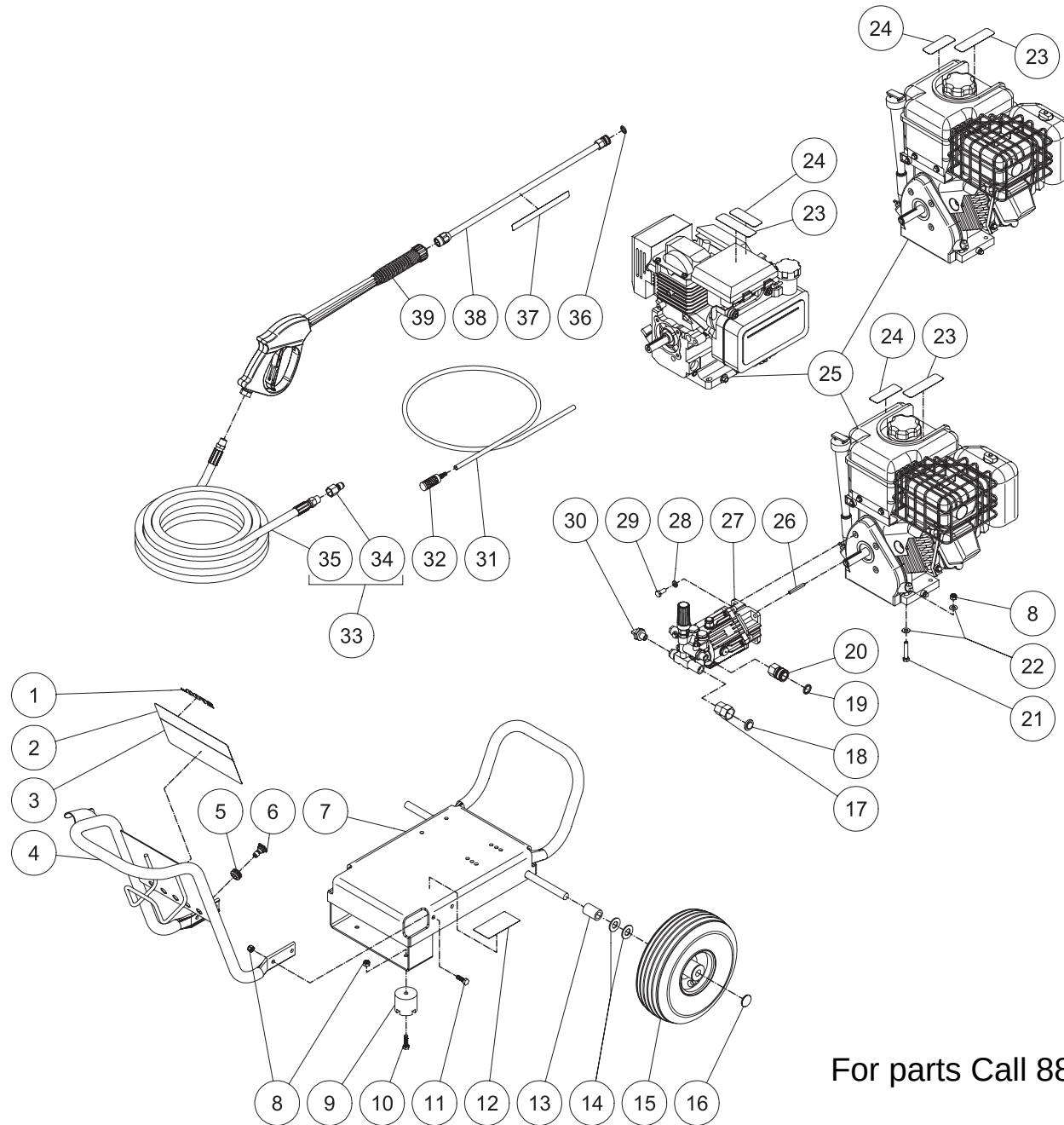
PUMP REVISED- MANIFOLD, RETAINERS, PACKINGS, BEARINGS, OIL SEALS AND FLANGE CHANGED.

ADDING NEW MACHINE- WP-2700-3MBB

ADDING NEW MACHINE- WP-2700-3MHB

NOTES

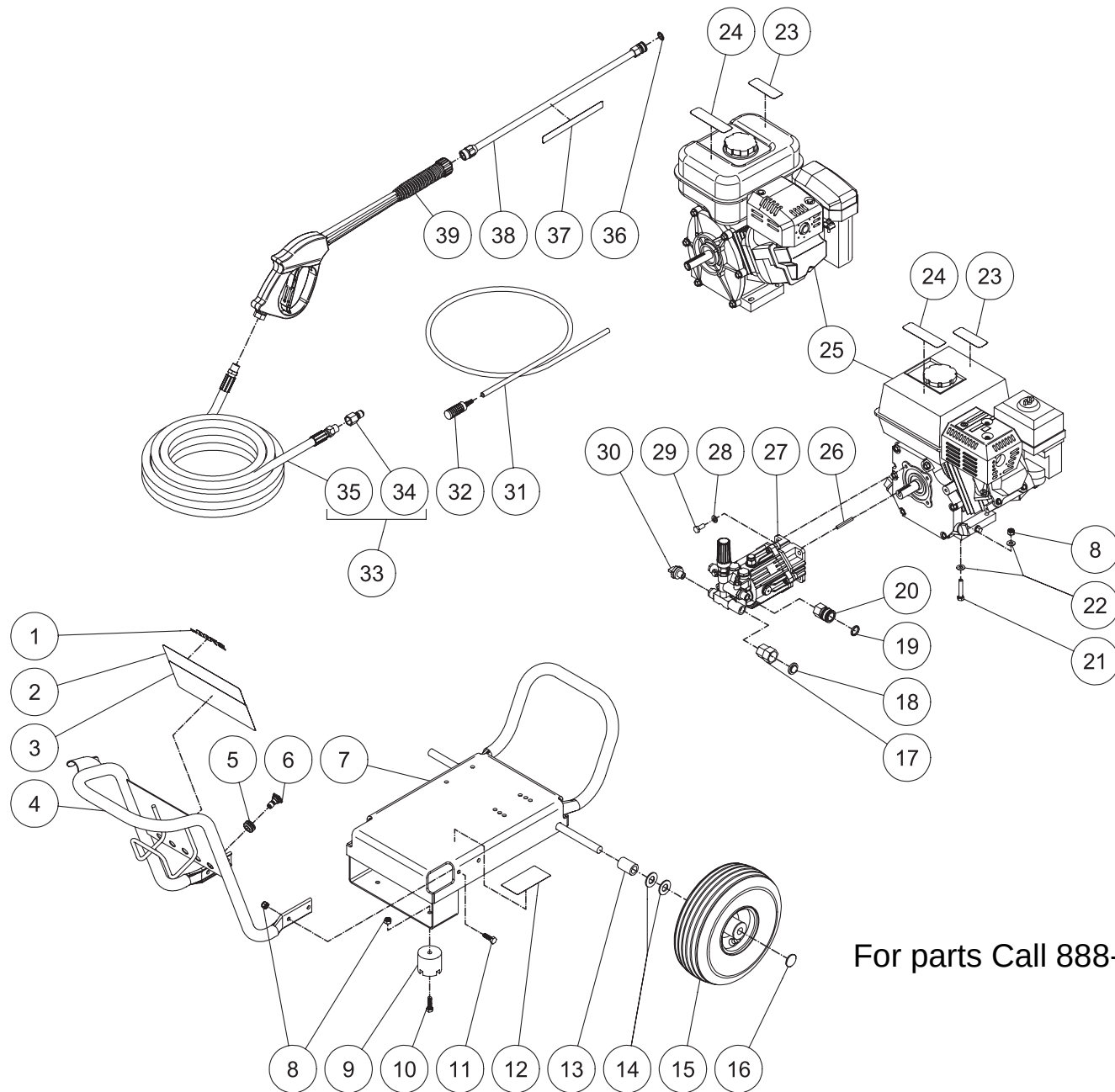
FRAME ASSEMBLY FOR WP-2700-3MBB/HB/IB



For parts Call 888-279-9274

FRAME ASSEMBLY FOR WP-2700-3MBB/HB/IB							
REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Decal- 2700 Die Cut	34-0774	1	21	Bolt	27-0070	4
2	Decal- Work Pro	34-0737	1	22	Washer	28-0003	8
3	Decal- Warning/Caution/Operation (See 34-9014)	N/A Sep.	1	23	Decal- Warning: Risk of Burns (See 34-9014)	N/A Sep.	1
4	Front Handle Assembly	7-0194A01	1	24	Decal- Caution: Risk of Fire (See 34-9014)	N/A Sep.	1
5	Grommet	33-0001	5	25	Engine- 6.5 HP Briggs & Stratton (WP-2700-3MBB)	1-0107	1
6	Nozzle- 1503	18-0150	1	-	Engine- 6.0 HP Honda (WP-2700-3MHB)	1-0155	1
-	Nozzle- 2503	18-0303	1	-	Engine- 6.5 HP Intek (WP-2700-3MB)	1-0109	1
-	Nozzle- 6540	18-0148	1	26	Key	43-0073	1
7	Small JP Frame	5-0253A01	1	27	Pump	3-0191	1
8	Locknut	30-0157	10	28	Lockwasher	29-0007	4
9	Isolator	14-0008	2	29	Bolt	27-0846	4
10	Bolt	27-0068	2	30	Thermo Valve	22-0208	1
11	Bolt	27-0067	4	31	Detergent Hose *(Four Feet Required)	15-0021	1
12	Decal- Data Plate	N/A	1	32	Detergent Strainer	19-0050	1
13	Axle Spacer	62-0176	2	33	Hose Assembly	851-0359	1
14	Washer	28-0008	4	34	Quick Connect Plug	17-0006	1
15	Wheel	14-0017	2	35	Pressure Hose	15-0138	1
16	Hub Cap	33-0018	2	36	O-ring	25-0122	-
17	Garden Hose Swivel	23-0001	1	37	Decal- Warning: Risk of Injection (See 34-9005)	N/A Sep.	1
18	Inlet Washer Filter	19-0001	1	38	Lance	16-0366	1
19	O-ring	25-0123	1	39	Gun/Wand	16-0364	1
20	Quick Connect Socket	17-0004	1		Safety Decal Kit (Inc. 3, 21-22, 34)	34-9014	
				*Must Order in One Foot Lengths			

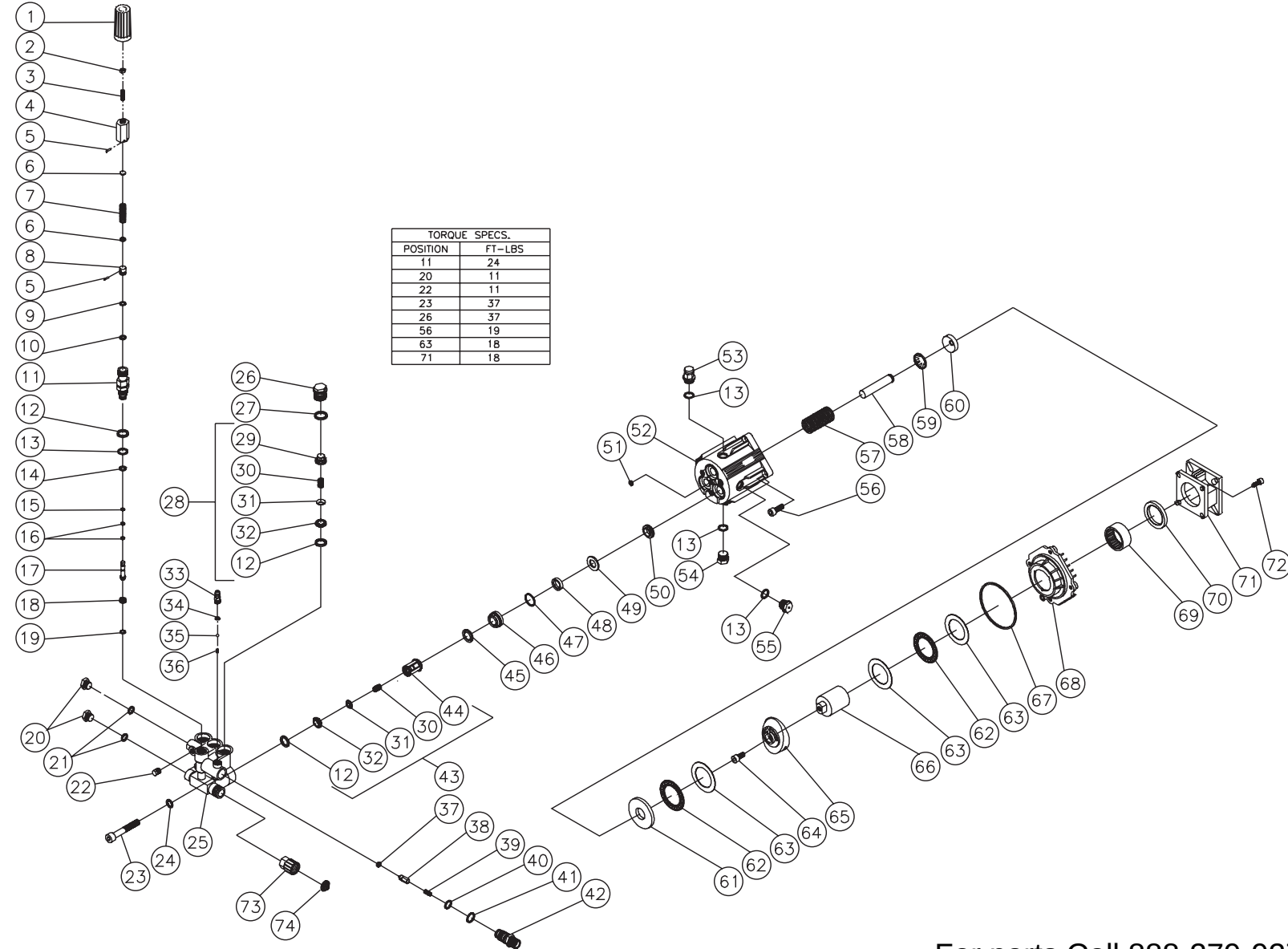
FRAME ASSEMBLY FOR WP-2703-3MHB/RB



For parts Call 888-279-9274

FRAME ASSEMBLY FOR WP-2703-3MHB/RB							
REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Decal- 2700 Die Cut	34-0774	1	21	Bolt	27-0070	4
2	Decal- Work Pro	34-0737	1	22	Washer	28-0003	8
3	Decal- Warning/Caution/Operation (See 34-9014)	N/A Sep.	1	23	Decal- Caution: Risk of Fire (See 34-9014)	N/A Sep.	1
4	Front Handle Assembly	7-0194A01	1	24	Decal- Warning: Risk of Burns (See 34-9014)	N/A Sep.	1
5	Grommet	33-0001	5	25	Engine- 6.5 HP Honda (WP-2703-3MHB)	1-0088	1
6	Nozzle- 1503	18-0150	1	-	Engine- 7.0 HP Subaru (WP-2703-3MRB)	1-0133	1
-	Nozzle- 2503	18-0303	1	26	Key	43-0073	1
-	Nozzle- 6540	18-0148	1	27	Pump	3-0191	1
7	Small JP Frame	5-0253A01	1	28	Lockwasher	29-0007	4
8	Locknut	30-0157	10	29	Bolt	27-0846	4
9	Isolator	14-0008	2	30	Thermo Valve	22-0208	1
10	Bolt	27-0068	2	31	Detergent Hose *(Four Feet Required)	15-0021	1
11	Bolt	27-0067	4	32	Detergent Strainer	19-0050	1
12	Decal- Data Plate	N/A	1	33	Hose Assembly	851-0359	1
13	Axle Spacer	62-0176	2	34	Quick Connect Plug	17-0006	1
14	Washer	28-0008	4	35	Pressure Hose	15-0138	1
15	Wheel	14-0017	2	36	O-ring	25-0122	-
16	Hub Cap	33-0018	2	37	Decal- Warning: Risk of Injection (See 34-9005)	N/A Sep.	1
17	Garden Hose Swivel	23-0001	1	38	Lance	16-0366	1
18	Inlet Washer Filter	19-0001	1	39	Gun/Wand	16-0364	1
19	O-ring	25-0123	1		Safety Decal Kit (Inc. 3, 21-22, 34)	34-9014	
20	Quick Connect Socket	17-0004	1				
*Must Order in One Foot Lengths							

PUMP ASSEMBLY (3-0191) (BEFORE SERIAL #10079329)

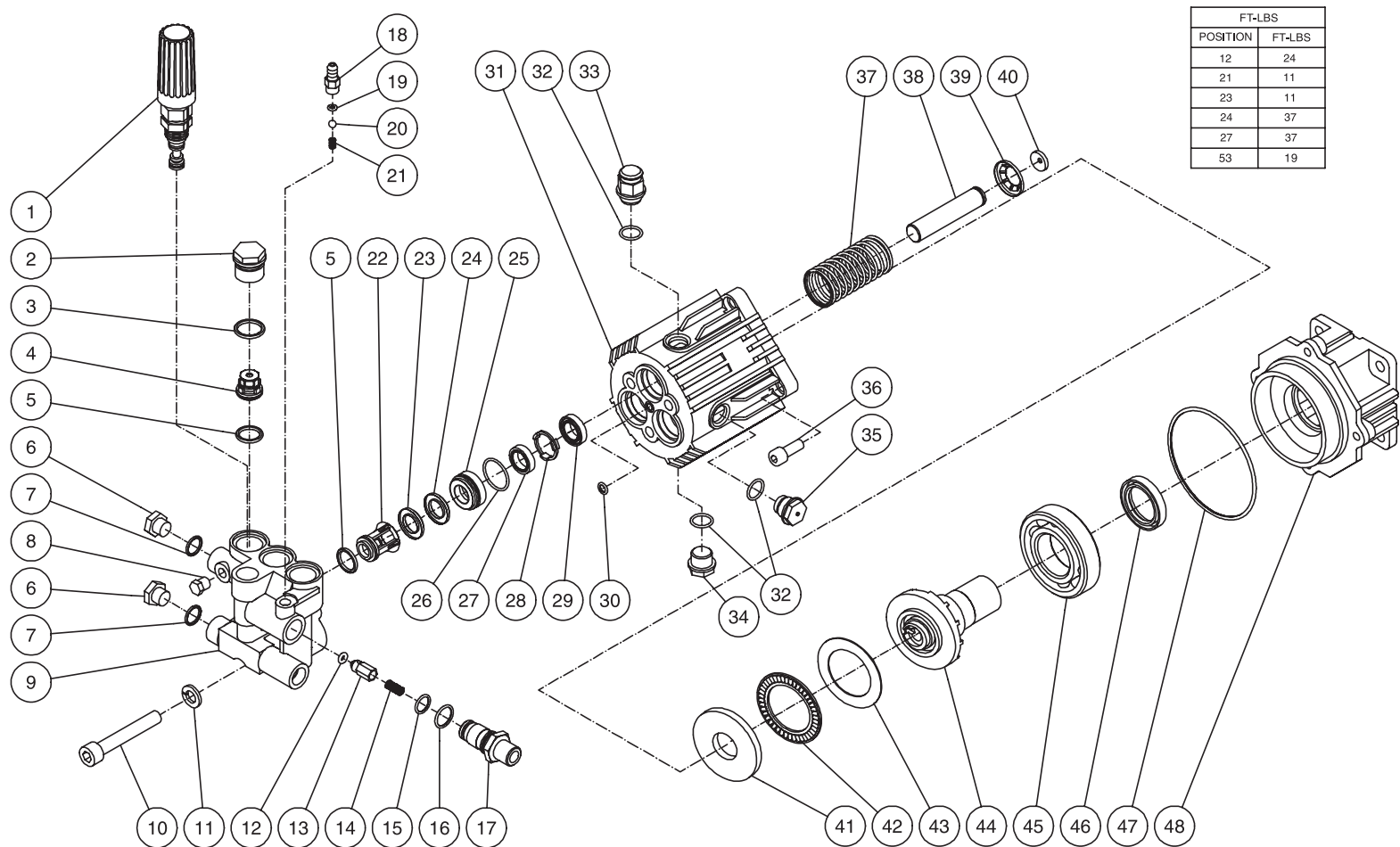


3-0191-090100-EDW

For parts Call 888-279-9274

PUMP ASSEMBLY (3-0191) (BEFORE SERIAL #10079329)											
REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Unloader Knob	7-0163	1	27	O-ring	25-0160	3	53	Oil Cap	39-0118	1
2	Nut	30-6024	1	28	Single Valve Assembly (Inc. 12, 29-32) (See 70-0290)	N/A Sep.	3	54	Plug	39-0086	1
3	Set Screw	27-8959	1	29	Valve Cage (See 70-0290)	N/A Sep.	3	55	Oil Sight Glass	39-0119	1
4	Adjustment Barrel	8-0500	1	30	Valve Spring (See 70-0290)	N/A Sep.	6	56	Bolt	27-8432	4
5	Pin	43-0087	2	31	Valve Plate (See 70-0290)	N/A Sep.	6	57	Spring	49-0142	3
6	Spring Button	8-0501	2	32	Valve Seat (See 70-0290)	N/A Sep.	6	58	Piston	46-0897	3
7	Spring	49-0119	1	33	Hose Barb	46-0869	1	59	Spring Retainer	46-0875	3
8	Poppet	8-0415	1	34	O-ring (See 70-0293)	N/A Sep.	1	60	Piston Shoe	46-0882	3
9	Back-up Ring (See 70-0292)	N/A Sep.	1	35	Ball (See 70-0293)	N/A Sep.	1	61	Washer	46-0876	1
10	O-ring (See 70-0292)	N/A Sep.	1	36	Detergent Injector Spring (See 70-0293)	N/A Sep.	1	62	Bearing	48-0057	2
11	Piston Guide	8-0502	1	37	O-ring	25-0406	1	63	Washer	48-0056	3
12	O-ring	25-0386	7	38	Check Valve	8-0458	1	64	Bolt	27-8884	1
13	O-ring	25-0325	4	39	Spring	49-0124	1	65	Wobble Plate	46-0877	1
14	O-ring (See 70-0292)	N/A Sep.	1	40	O-ring	25-0407	1	66	Shaft	46-0878	1
15	Back-up Ring	25-0408	1	41	O-ring	25-0159	1	67	O-ring	25-0503	1
16	O-ring	25-0253	2	42	Injector Adapter	46-0870	1	68	Pump Flange	46-0879	1
17	Piston	8-0413	1	43	Single Valve Assembly (Inc. 12, 30-32, 44) (See 70-0290)	N/A Sep.	3	69	Bearing	48-0071	1
18	Valve Seat	8-0503	1	44	Support Ring (See 70-0290)	N/A Sep.	3	70	Oil Seal	26-0192	1
19	O-ring	25-0500	1	45	V-packing (See 70-0291)	N/A Sep.	3	71	Flange	38-0047	1
20	Plug	39-0096	2	46	Packing Retainer	46-0871	3	72	Bolt	27-8888	4
21	O-ring	25-0387	2	47	O-ring	25-0501	3	73	Water Hose Connector	23-0001	1
22	Plug	39-0097	1	48	Low Pressure Seal (See 70-0291)	N/A Sep.	3	74	Gasket	19-0001	1
23	Bolt	27-8960	3	49	Retainer	46-0872	3		Valves (Includes 3 each 28, 43)	70-0290	
24	Lockwasher	29-0055	3	50	Oil Seal	26-0239	3		High Pressure Seals (Includes 3 each 45, 47-49)	70-0291	
25	Manifold	46-0880	1	51	O-ring	25-0502	1		Unloader Repair (Includes 2-19, 37)	70-0292	
26	Valve Cap	39-0087	3	52	Pump Housing	46-0873	1		Injector Repair (Includes 34-36)	70-0293	

PUMP ASSEMBLY (3-0191) (AFTER SERIAL #10079329)

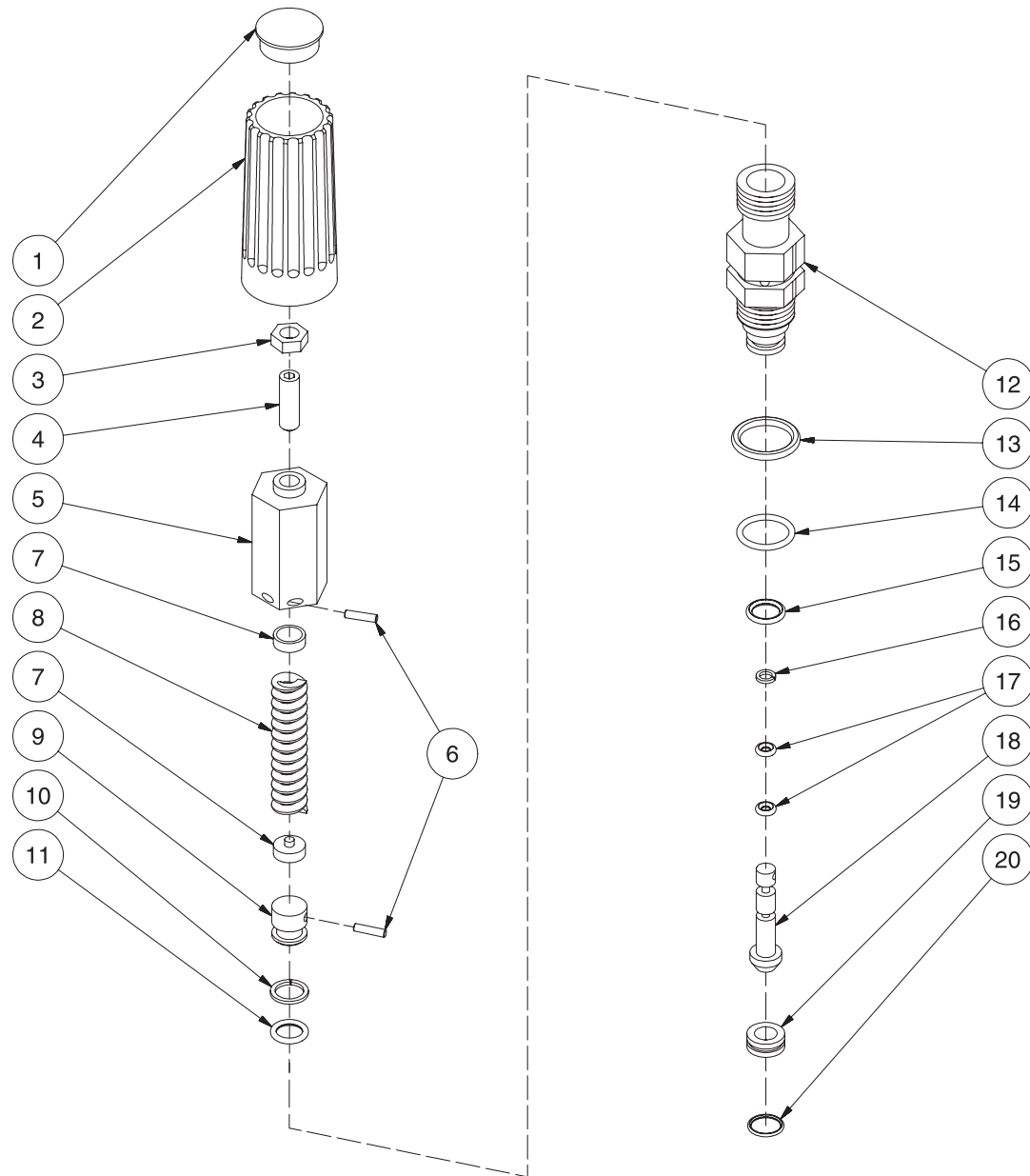


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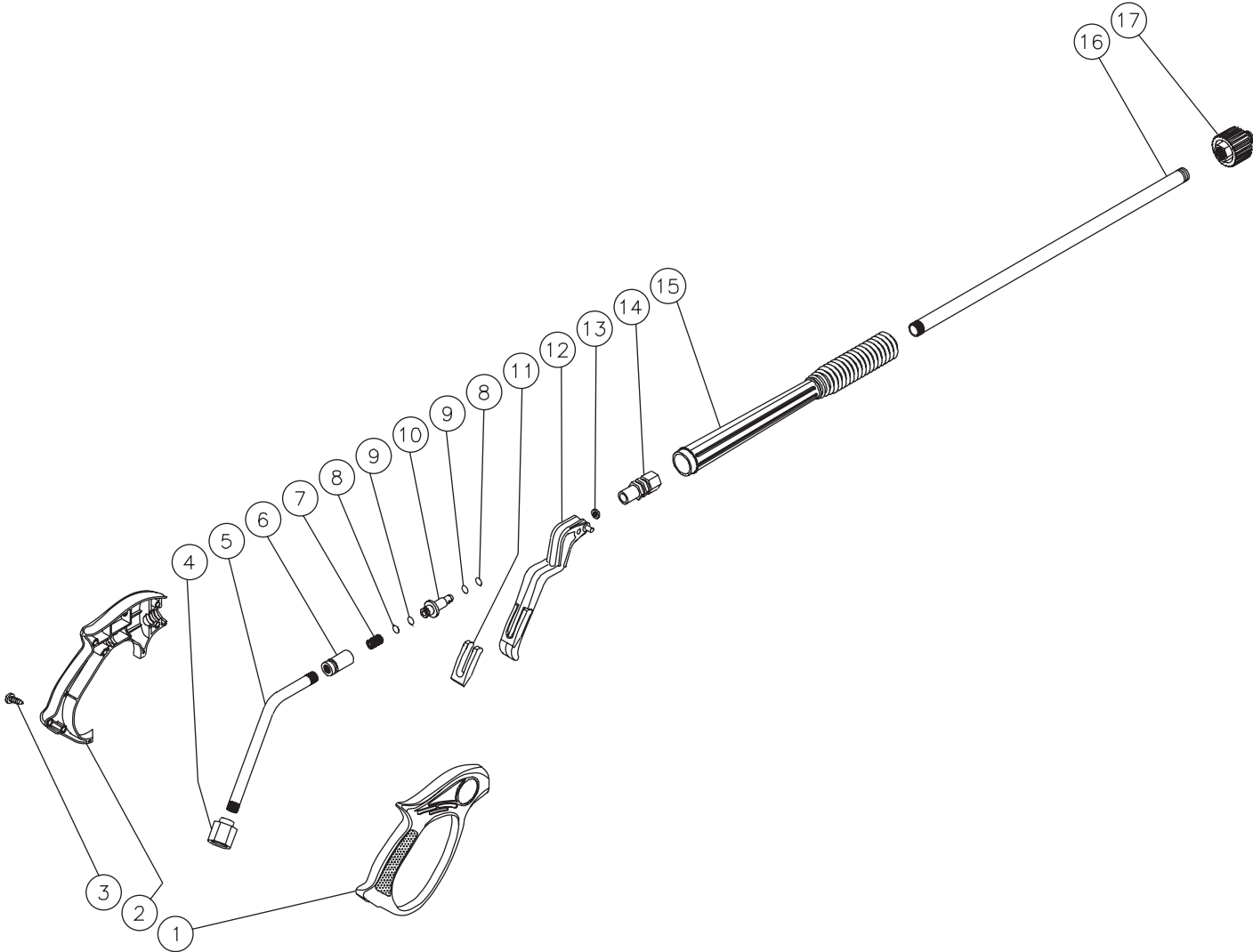
PUMP ASSEMBLY (3-0191) (AFTER SERIAL #10079329)											
REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Unloader Repair Kit	70-0292	1	18	Hose Barb	46-0869	1	35	Oil Sight Glass	39-0119	1
2	Valve Cap	39-0087	3	19	O-ring (See 70-0293)	N/A Sep.	1	36	Bolt	27-8432	4
3	O-ring	25-0160	3	20	Ball (See 70-0293)	N/A Sep.	1	37	Spring	49-0142	3
4	Single Valve Assembly (See 70-0290)	N/A Sep.	1	21	Compression Spring (See 70-0293)	N/A Sep.	1	38	Piston	46-0897	3
5	O-ring	25-0386	6	22	Single Valve Assembly (See 70-0290)	N/A Sep.	3	39	Spring Retainer	46-0875	3
6	Plug	39-0096	2	23	V-Packing (See 70-0374)	N/A Sep.	3	40	Piston Shoe	46-0882	3
7	O-ring	25-0387	2	24	Backup Ring (See 70-0374)	N/A Sep.	3	41	Washer	46-0876	1
8	Plug	39-0097	1	25	Packing Retainer	46-1108	3	42	Bearing	48-0057	2
9	Manifold	46-1107	1	26	O-ring	25-0399	3	43	Washer	48-0056	3
10	Bolt	27-8960	3	27	Low Pressure Seal (See 70-0374)	N/A Sep.	3	44	Wobble Plate Shaft	46-1106	1
11	Lockwasher	29-0055	3	28	Spacer	46-0892	3	45	Bearing	48-0083	1
12	O-ring	25-0406	1	29	Oil Seal	26-0239	3	46	Oil Seal	26-0279	1
13	Check Valve	8-0458	1	30	O-ring	25-0502	1	47	O-ring	25-0503	1
14	Spring	49-0124	1	31	Pump Housing	46-0873	1	48	Flange	38-0064	1
15	O-ring	25-0407	1	32	O-ring	25-0325	3		Valves (Inc. 3 each 4, 22)	70-0290	
16	O-ring	25-0159	1	33	Oil Cap	39-0118	1		High Pressure Seals (Inc. 3 each 23-24, 26-28)	70-0374	
17	Injector Adapter	46-0870	1	34	Plug	39-0086	1		Injector Repair (Inc. 19-21)	70-0293	

UNLOADER REPAIR KIT (70-0292)



UNLOADER REPAIR KIT (70-0292)								
REF. #	DESCRIPTION	PART #	QTY.		REF. #	DESCRIPTION	PART #	QTY.
1	Plug	7-0178	1		12	Piston Guide	8-0502	1
2	Unloader Knob	7-0179	1		13	O-ring	25-0386	1
3	Nut	30-6024	1		14	O-ring	25-0325	1
4	Set Screw	27-8959	1		15	O-ring	25-0403	1
5	Adjustable Barrel	8-0500	1		16	Back-up Ring	25-0408	1
6	Unloader Pin	8-0477	2		17	O-ring	25-0253	2
7	Spring Button	8-0501	2		18	Piston	8-0413	1
8	Spring	49-0119	1		19	Valve Seat	8-0503	1
9	Poppet	8-0415	1		20	O-ring	25-0500	1
10	Back-up Ring	25-0404	1			Complete Unloader Repair Kit (Inc. 1-20)	70-0292	
11	O-ring	25-0319	1					

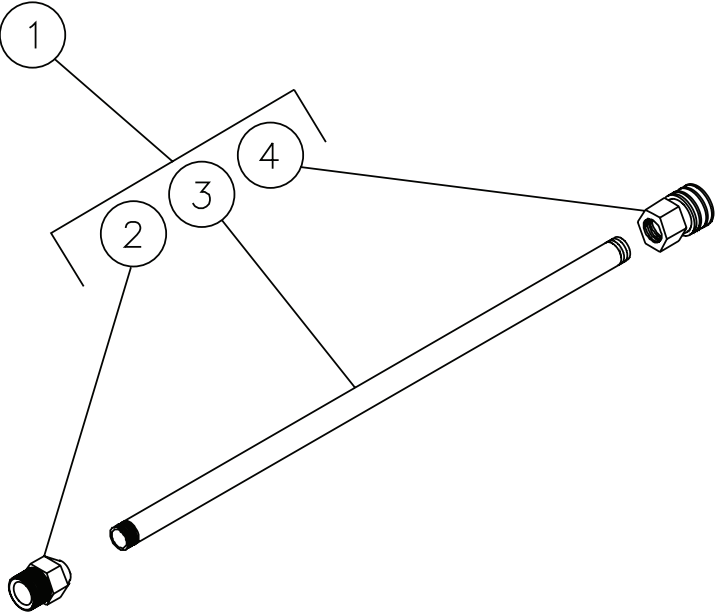
GUN/WAND ASSEMBLY (16-0364)



16-0364-081203-RD

GUN/WAND ASSEMBLY (16-0364)								
REF. #	DESCRIPTION	PART #	QTY.		REF. #	DESCRIPTION	PART #	QTY.
1	Gun Body (Right Side)	16-0367	1		11	Trigger Lock	16-0372	1
2	Gun Body (Left Side)	16-0368	1		12	Trigger	16-0373	1
3	Screw	27-8862	6		13	Seat	26-0238	1
4	Adapter	23-0384	1		14	Brass Body Outlet	16-0374	1
5	Pipe (See 70-0288)	N/A Sep.	1		15	Gripping Area (Plastic)	16-0375	1
6	Brass Body Inlet	16-0370	1		16	Pipe	16-0376	1
7	Spring	49-0141	1		17	Screw Connnect Coupling	16-0377	1
8	O-ring	25-0363	2			Inlet Kit (Includes 4-6)	70-0288	
9	Back-up Ring	25-0416	2			Shutter Valve Kit (Includes 7-10)	70-0289	
10	Valve	16-0371	1			Complete Gun/Wand Assembly (Inc. 1-17)	16-0364	

LANCE ASSEMBLY (16-0366)



16-0366-102700-RD

16-0366-102700-RD

LANCE ASSEMBLY (16-0366)			
REF. #	DESCRIPTION	PART #	QTY.
1	Complete Lance (Inc. 2-4)	16-0366	1
2	Coupling	16-0378	1
3	Pipe	16-0379	1
4	Quick Connect	17-0001	1

For parts Call 888-279-9274