



TECHNICAL PARTS LIST FOR ***JP-4004-1MHB/RB***

For parts Call 888-279-9274

ENGINE OIL GRADE:	SAE10W-30
ENGINE OIL CAPACITY:	
HONDA:	37 oz.
SUBARU:	40.5 oz.
PUMP OIL GRADE:	Mi-T-M PUMP OIL #AW-4085-0016
PUMP OIL CAPACITY:	18.5 oz.
NOZZLE SIZE:	3.5

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.

Table of Contents

SPECIFICATIONS.....3

NOTES4

FRAME ASSEMBLY FOR JP-4004-1MHB/RB (BEFORE SERIAL #10534499).....6

FRAME ASSEMBLY FOR JP-4004-1MHB/RB (AFTER SERIAL #10534499).....8

FRAME ASSEMBLY FOR JP-4004-1MHB/RB (AFTER SERIAL #10741768).....10

PUMP ASSEMBLY (3-0266)12

PUMP ASSEMBLY (3-0310)14

UNLOADER ASSEMBLY (8-0630)16

SPECIFICATIONS

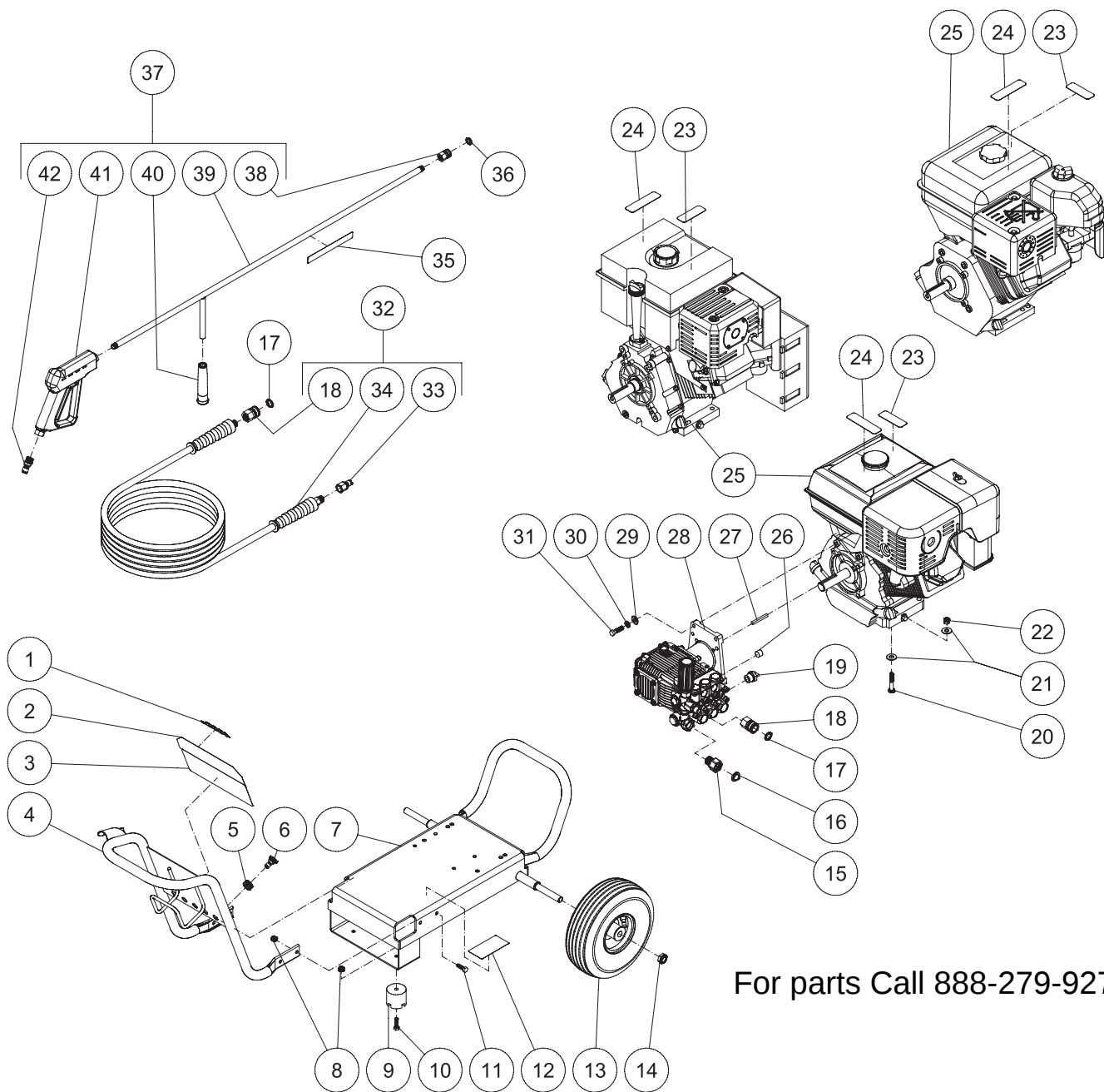
MODEL NUMBER	JP-4004-1MHB	JP-4004-1MRB
Operating Pressure (PSI/Bar):	4000/275.8	
High Pressure Nozzle:	3.5	
Water Volume (GPM/lpm):	3.5/11.3	
Engine:	Honda	Subaru
Model	GX390	EX40
Engine Type	4 Stroke, Overhead Valve, Single Cylinder	
Oil Type	SAE 10W-30	
Oil Capacity (oz./liters)	37.2/1.1	40.6/1.2
Low Oil Protection	Oil Alert™	Oil Sensor
Fuel Type	Unleaded Gasoline 86 Octane Minimum	
Fuel Capacity (gallon/ liters)	1.61/6.1	1.85/7.0
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)	18.5/0.5	
Plungers	Ceramic	
Manifold	Brass	
Valves	Stainless Steel	
Unloader	Adjustable	
Thermal Relief Valve	Relieves heated water during unloader bypass stage	
Unit Net Weight (lbs/Kg)	142/64.5	
Unit Shipping Weight (lbs/Kg)	182/82.5	
Unit Net Dimension (in/cm)	34Lx23.5Wx25.5H/86Lx59.5Wx64.5H	
Unit Shipping Dimension (in/cm)	41Hx26Wx33H/104Lx66Wx84H	

NOTES

DATE	SERIAL NUMBER BREAK	REASON
06/02/11	#10534499	ADDED SUBARU ENGINE.
07/02/13	#10741768	CHANGED PUMP FROM 3-0266 TO 3-0310 CHANGED UNLOADER FROM 8-0533 TO 8-0630

NOTES

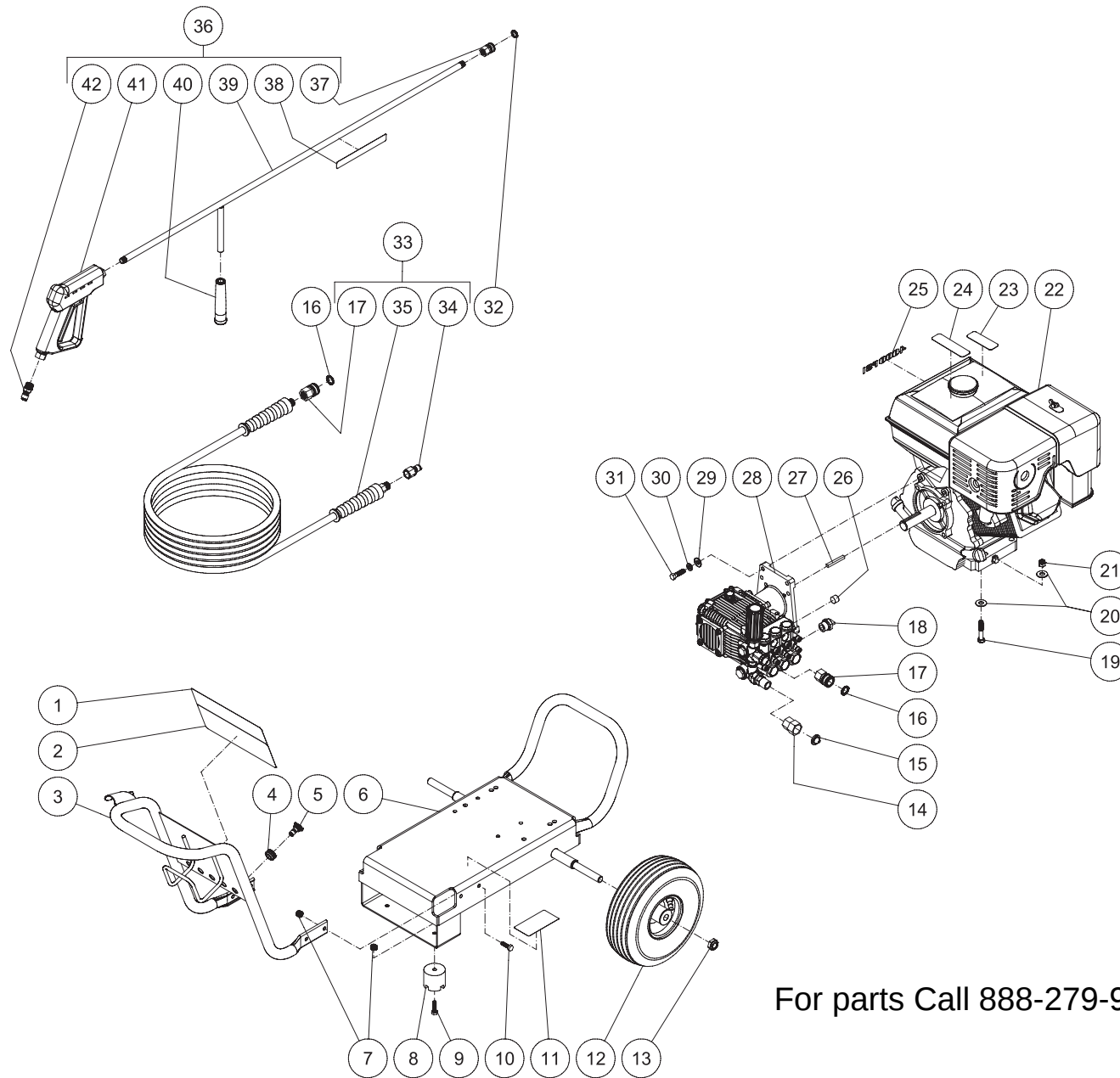
FRAME ASSEMBLY FOR JP-4004-1MHB/RB (BEFORE SERIAL #10534499)



For parts Call 888-279-9274

FRAME ASSEMBLY FOR JP-4004-1MHB/RB/VB							
REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Decal- 4000 Die Cut	34-1400	1	23	Decal- Caution: Risk of Fire (See 34-9014)	N/A Sep.	1
2	Decal- Job Pro Placard	34-0778	1	24	Decal- Warning: Risk of Burns (See 34-9014)	N/A Sep.	1
3	Decal- Warning/Caution/Operating (See 34-9014)	N/A Sep.	1	25	Engine- 13.0 H.P. Honda (JP-4004-1MHB)	1-0086	1
4	Front Handle Assembly	7-0194A01	1	-	Engine- 13.0 H.P. Vanguard (JP-4004-1MVB)	1-0090	1
5	Grommet	33-0001	5	-	Engine- 13.5 H.P. Subaru (JP-4004-1MRB)	1-0156	1
6	Nozzle- 00035	18-0257	1	26	Plug	23-0244	1
-	Nozzle- 15035	18-0258	1	27	Key	43-0078	1
-	Nozzle- 25035	18-0259	1	28	Pump	3-0266	1
7	Frame	5-0254A01	1	29	Washer	28-0022	4
8	Locknut	30-0157	6	30	Lockwasher	29-0008	4
9	Isolator	14-0008	2	31	Bolt	27-0118	4
10	Bolt	27-0068	2	32	Pressure Hose Assembly (Inc. 18, 33-34)	851-0338	1
11	Bolt	27-0067	4	33	Quick Connect Plug	17-0006	1
12	Decal- Data Plate	N/A	1	34	Pressure Hose	15-0209	1
13	Wheel	14-0017	2	35	Decal- Warning: Risk of Injection (See 34-9014)	N/A Sep.	1
14	Jam Nut	30-0117	2	36	O-ring (Replacement Only)	25-0122	-
15	Garden Hose Swivel	23-0095	1	37	Gun/Wand Assembly (Inc. 38-42)	851-0371	1
16	Filter	19-0001	1	38	Quick Connect Plug	17-0001	1
17	O-ring (Replacement Only)	25-0123	-	39	Wand w/ Handle	16-0439	1
18	Quick Connect Socket	17-0004	2	40	Grip Handle	7-0002	1
19	Thermal Relief Valve	22-0005	1	41	Gun	16-0001	1
20	Bolt	27-0121	4	42	Quick Connect Plug	17-0005	1
21	Washer	28-0023	8		Safety Decal Kit (Inc. 3, 23-24, 35)	34-9014	
22	Locknut	30-0159	4	*Must Order in One Foot Lengths			

FRAME ASSEMBLY FOR JP-4004-1MHB/RB (AFTER SERIAL #10534499)

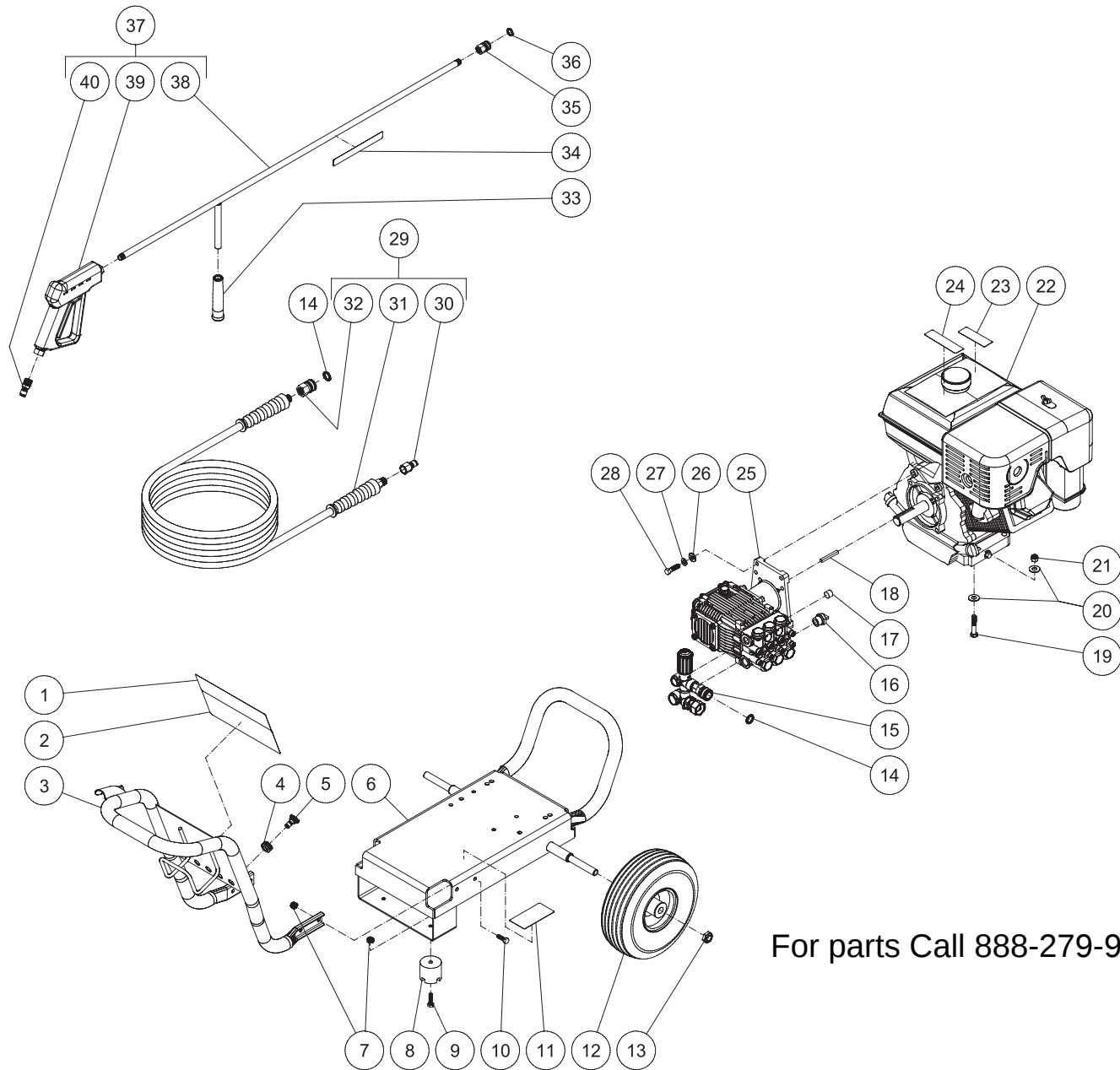


For parts Call 888-279-9274

FRAME ASSEMBLY

ITEM	DESCRIPTION	Mi-T-M #	QTY		ITEM	DESCRIPTION	Mi-T-M #	QTY
1	DECAL - MI-T-M PLACARD	34-2150	1		22	ENGINE - HONDA (1MHB)	1-0086	1
2	DECAL - WARNING/CAUTION/OPERATION (SEE 71-0065)	N/A	1		-	ENGINE - ROBIN (1MRB)	1-0176	1
3	HANDLE	7-0194A01	1		23	DECAL - RISK OF FIRE (SEE 71-0065)	N/A	1
4	GROMMET	33-0001	5		24	DECAL - RISK OF BURNS (SEE 71-0065)	N/A	1
5	NOZZLE	18-0392	1		25	DECAL - DIE CUT	34-2216	1
-	NOZZLE	18-0393	1		26	PLUG	23-0244	1
-	NOZZLE	18-0395	1		27	KEY	43-0078	1
6	FRAME	5-0254A01	1		28	PUMP	3-0266	1
7	LOCKNUT	30-0157	6		29	WASHER	28-0022	4
8	ISOLATOR	14-0008	2		30	LOCKWASHER	29-0008	4
9	BOLT	27-0068	2		31	BOLT	27-0118	4
10	BOLT	27-0067	4		32	O-RING	25-0122	1
11	DECAL- SILVER STICKER	N/A	1		33	PRESSURE HOSE ASSEMBLY - (17,34,35)	851-0338	1
12	WHEEL	14-0017	2		34	QUICK CONNECT	17-0006	1
13	LOCKNUT	30-0117	2		35	HOSE	15-0209	1
14	SWIVEL	23-0001	1		36	GUN/WAND ASSEMBLY - (37-42)	851-0371	1
15	FILTER	19-0001	1		37	QUICK CONNECT	17-0001	1
16	O-RING	25-0123	2		38	DECAL - RISK OF INJECTION (SEE 71-0065)	N/A	1
17	QC SOCKET	17-0004	2		39	WAND	16-0439	1
18	RELIEF VALVE	22-0005	1		40	GRIP	7-0002	1
19	BOLT	27-0121	4		41	GUN	16-0001	1
20	WASHER	28-0023	8		42	QUICK CONNECT	17-0005	1
21	LOCKNUT	30-0159	4		-	DECAL SET	71-0065	1

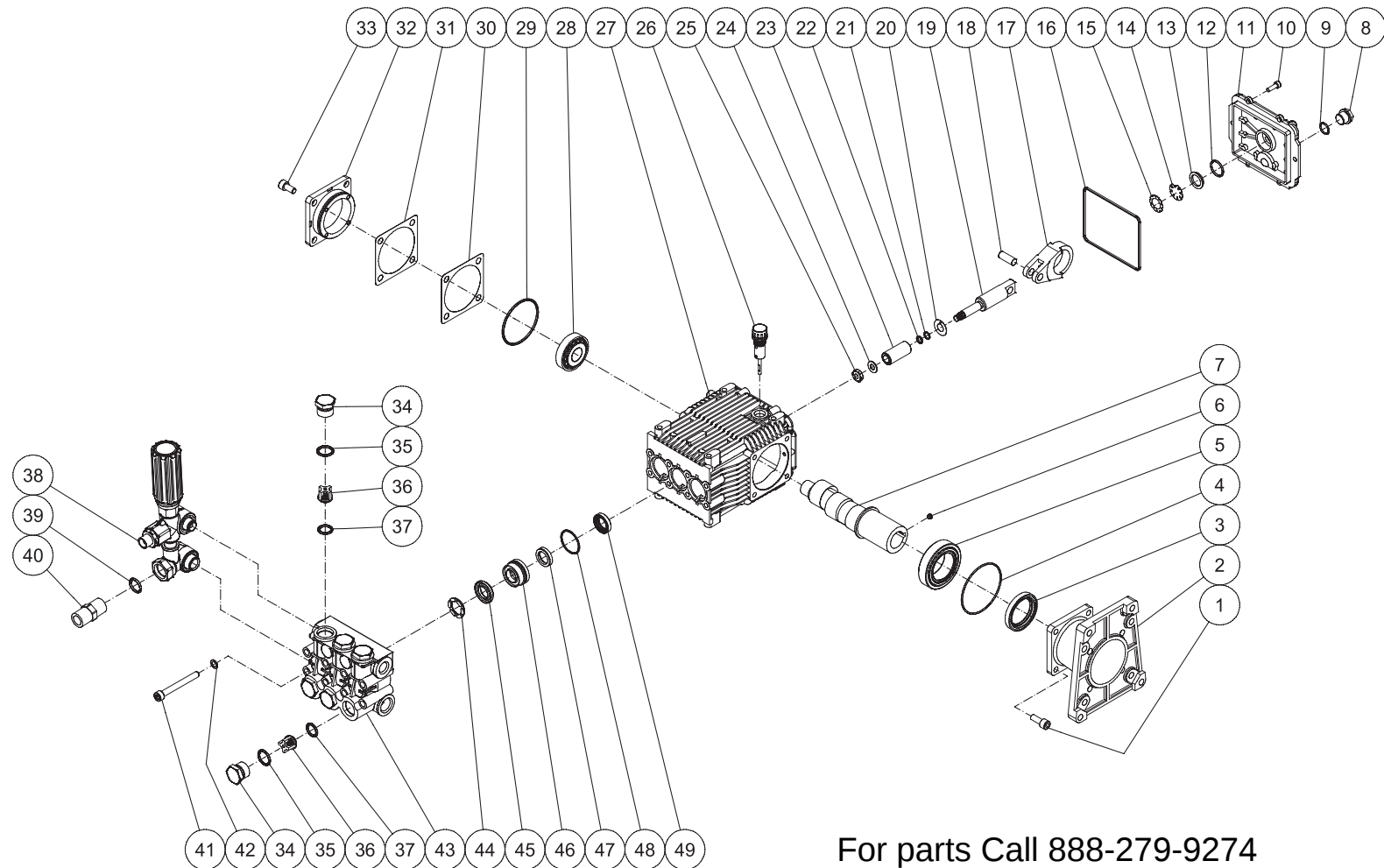
FRAME ASSEMBLY FOR JP-4004-1MHB/RB (AFTER SERIAL #10741768)



For parts Call 888-279-9274

JP-4004-3MHB_SB 112114 KMD			
FRAME ASSEMBLY			
ITEM	DESCRIPTION	Mi-T-M #	QTY
1	DECAL	34-2771	1
2	DECAL - WARNING/CAUTION/OPERATION (SEE 71-0065)	N/A	1
3	HANDLE	7-0256A01	1
4	GROMMET	33-0001	5
5	NOZZLE	18-0392	1
-	NOZZLE	18-0393	1
-	NOZZLE	18-0395	1
6	FRAME	5-0254A01	1
7	LOCKNUT	30-0157	6
8	ISOLATOR	14-0008	2
9	BOLT	27-0068	2
10	BOLT	27-0067	4
11	DECAL - SILVER STICKER	N/A	1
12	WHEEL	14-0130	2
13	LOCKNUT	30-0117	2
14	O-RING	25-0123	2
15	UNLOADER ASSY WITHOUT CHEM INJ	8-0630	1
16	RELIEF VALVE	22-0005	1
17	PLUG	23-0244	1
18	KEY	43-0078	1
19	BOLT	27-0121	4
20	WASHER	28-0023	8
21	LOCKNUT	30-0159	4
22	ENGINE - HONDA	1-0086	1
-	ENGINE - ROBIN	1-0176	1
23	DECAL - RISK OF FIRE (SEE 71-0065)	N/A	1
24	DECAL - RISK OF BURNS (SEE 71-0065)	N/A	1
25	PUMP	3-0310	1
26	WASHER	28-0022	4
27	LOCKWASHER	29-0008	4
28	BOLT	27-0118	4
29	PRESSURE HOSE ASSEMBLY - (30-32)	851-0338	1
30	QUICK CONNECT	17-0006	1
31	HOSE	15-0209	1
32	QC SOCKET	17-0004	1
33	GRIP	7-0002	1
34	DECAL - RISK OF INJECTION (SEE 71-0065)	N/A	1
35	QUICK CONNECT	17-0001	1
36	O-RING	25-0122	1
37	GUN/WAND ASSEMBLY - (38-40)	851-0371	1
38	WAND (INC GRIP & QC)	16-0439	1
39	GUN	16-0001	1
40	QUICK CONNECT	17-0005	1
-	DECAL SET	71-0065	1

PUMP ASSEMBLY (3-0266)



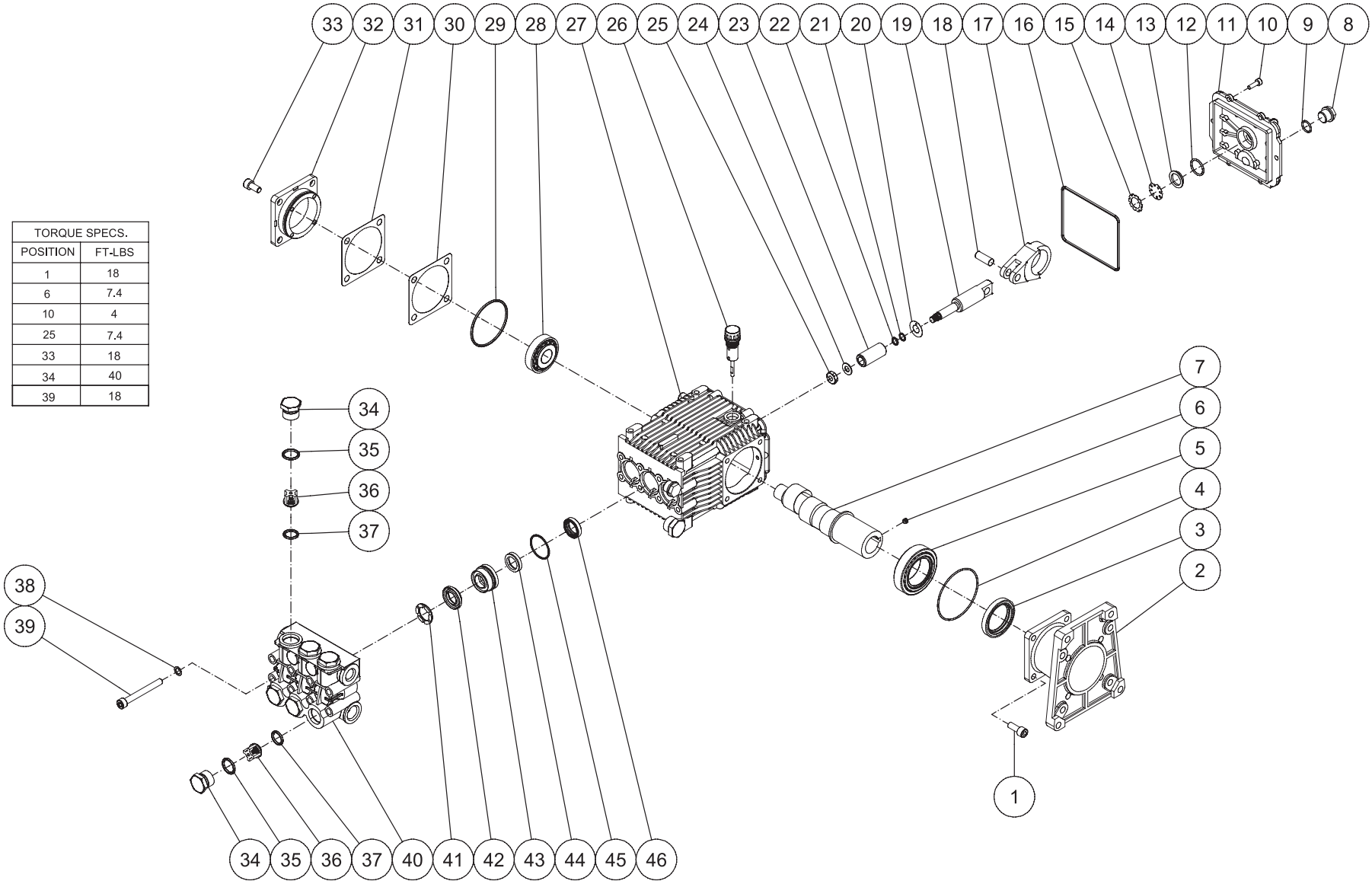
For parts Call 888-279-9274

PUMP ASSEMBLY

ITEM	DESCRIPTION	Mi-T-M #	QTY		ITEM	DESCRIPTION	Mi-T-M #	QTY
1	SCREW	27-8432	4		28	BEARING	48-0072	1
2	PUMP FLANGE	46-0714	1		29	O-RING	25-0380	1
3	OIL SEAL	26-0194	1		30	SHIM	46-0705	1
4	O-RING	25-0397	1		31	SHIM	46-0704	1
5	BEARING	48-0062	1		32	BEARING CAP/SUPPORT	46-0703	1
6	BOLT	27-8886	1		33	BOLT	27-8884	4
7	CRANKSHAFT	46-0959	1		34	VALVE CAP	39-0095	6
8	PLUG	39-0086	1		35	O-RING	25-0160	6
9	O-RING	25-0325	1		36	VALVE	-	6
10	BOLT	27-8885	6		37	O-RING	25-0386	6
11	CRANKCASE COVER	46-0719	1		38	UNLOADER	8-0533	1
12	O-RING	25-0370	1		39	O-RING	25-0602	1
13	OIL SIGHT GLASS	46-0670	1		40	NIPPLE	23-0012	1
14	OIL REFLECTOR	46-0824	1		41	BOLT	27-8440	8
15	SPRING RETAINER	46-0671	1		42	LOCKWASHER	29-0154	8
16	O-RING	25-0398	1		43	MANIFOLD	46-1186	1
17	CONNECTING ROD	46-0922	3		44	SUPPORT RING	46-0710	3
18	PISTON PIN	46-0698	3		45	V PACKING	46-0709	3
19	PLUNGER ROD	46-0699	3		46	PACKING RETAINER	46-0708	3
20	SLINGER WASHER	46-0700	3		47	LOW PRESSURE SEAL	46-0707	3
21	O-RING	25-0404	3		48	O-RING	25-0384	3
22	O-RING	25-0415	3		49	OIL SEAL	46-0931	3
23	PISTON	46-0701	3			Oil Seals Kit (Inc. 3, 4, 16, 29, 49)	70-0337	
24	WASHER/GASKET	26-0191	3			Piston Kit (Inc. 3 each 20-25)	70-0352	
25	NUT	30-6020	3			High Pressure Seals Kit (Inc. 3 each 45, 47, 48)	70-0177	
26	OIL DIPSTICK	39-0090	1			Support Ring Kit (Inc. 3 each 44)	70-0178	
27	CRANKCASE	46-1198	1			Valve Kit (Inc. 6 each 36, 37)	70-0179	

PUMP ASSEMBLY (3-0310)

TORQUE SPECS.	
POSITION	FT-LBS
1	18
6	7.4
10	4
25	7.4
33	18
34	40
39	18



For parts Call 888-279-9274

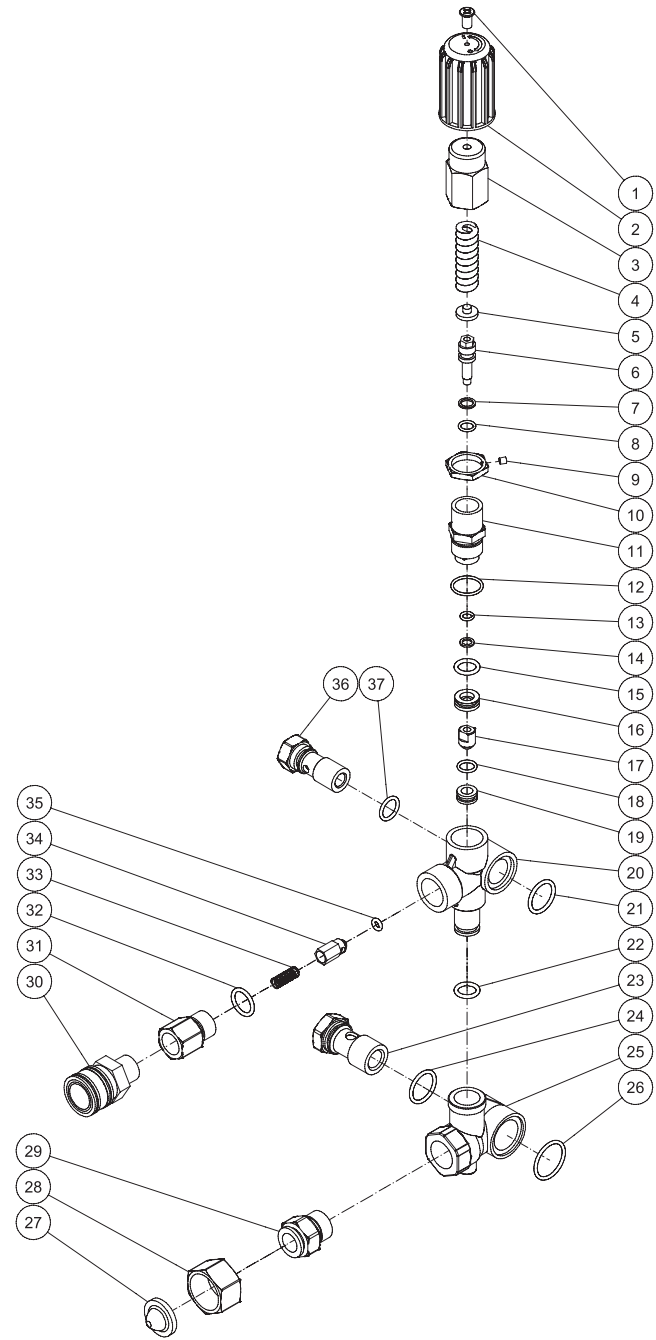
PUMP ASSEMBLY

ITEM	DESCRIPTION	PART #	QTY		ITEM	DESCRIPTION	PART #	QTY
1	SCREW	27-8432	4		25	NUT (SEE KIT 70-0352)	30-6020	3
2	PUMP FLANGE	46-0714	1		26	OIL DIPSTICK	39-0090	1
3	OIL SEAL (SEE KIT 70-0337)	26-0194	1		27	CRANKCASE	46-1198	1
4	O-RING (SEE KIT 70-0337)	25-0397	1		28	BEARING	48-0072	1
5	BEARING	48-0062	1		29	O-RING (SEE KIT 70-0337)	25-0380	1
6	SET SCREW	27-8886	1		30	SHIM	46-0705	(1-3)
7	CRANKSHAFT	46-0959	1		31	SHIM	46-0704	(1-3)
8	PLUG	39-0086	2		32	BEARING CAP/SUPPORT	46-0703	1
9	O-RING	25-0325	2		33	BOLT	27-8884	4
10	BOLT	27-8885	6		34	VALVE CAP	39-0095	6
11	CRANKCASE COVER	46-0719	1		35	O-RING	25-0160	6
12	O-RING	25-0370	1		36	VALVE (SEE KIT 70-0179)	SEE KIT	6
13	OIL SIGHT GLASS	46-0670	1		37	O-RING (SEE KIT 70-0179)	25-0386	6
14	OIL REFLECTOR	46-0824	1		38	LOCKWASHER	29-0154	8
15	SPRING RETAINER	46-0671	1		39	BOLT	27-8440	8
16	O-RING (SEE KIT 70-0337)	25-0398	1		40	MANIFOLD	46-1186	1
17	CONNECTING ROD	46-0922	3		41	SUPPORT RING (SEE KIT 70-0178)	46-0710	3
18	PISTON PIN	46-0698	3		42	V PACKING (SEE KIT 70-0177)	46-0709	3
19	PLUNGER ROD	46-0699	3		43	PACKING RETAINER	46-0708	3
20	SLINGER WASHER (SEE KIT 70-0352)	46-0700	3		44	LOW PRESSURE SEAL (SEE KIT 70-0177)	46-0707	3
21	O-RING (SEE KIT 70-0352)	25-0404	3		45	O-RING (SEE KIT 70-0177)	25-0384	3
22	O-RING (SEE KIT 70-0352)	25-0382	3		46	OIL SEAL (SEE KIT 70-0337)	46-0931	3
23	PISTON (SEE KIT 70-0352)	46-0701	3		47	O-RING	25-0372	1
24	WASHER/GASKET (SEE KIT 70-0352)	26-0191	3		48	PLUG	39-0088	1

REPLACEMENT KITS

KIT #	DESCRIPTION	ITEMS	# OF ASSEMBLIES	# OF CYLINDERS
70-0337	KIT - OIL SEALS	3,4,16,29,46	1,1,1,1,3	3
70-0352	KIT - PISTONS	20-25	3	3
70-0177	KIT - HIGH PRESSURE SEALS	42,44,45	3	3
70-0178	KIT - SUPPORT RINGS	41	3	3
70-0179	KIT-VALVES	36,37	6	3

UNLOADER ASSEMBLY (8-0630)



8-0630 102714 JDK

8-0630 102714 JDK				
UNLOADER ASSEMBLY				
ITEM	DESCRIPTION	PART #	QTY	
1	SCREW (SEE KIT 70-0647)	27-2772	1	
2	KNOB (SEE KIT 70-0647)	7-0250	1	
3	KNOB (SEE KIT 70-0647)	SEE KIT	1	
4	SPRING (SEE KIT 70-0647)	SEE KIT	1	
5	SPRING SEAT (SEE KIT 70-0647)	SEE KIT	1	
6	VALVE ROD (SEE KIT 70-0647)	SEE KIT	1	
7	SUPPORT RING (SEE KIT 70-0647)	SEE KIT	1	
8	O-RING (SEE KIT 70-0647)	25-0651	1	
9	SET SCREW (SEE KIT 70-0647)	8-0479	1	
10	JAM NUT (SEE KIT 70-0647)	SEE KIT	1	
11	VALVE BODY (SEE KIT 70-0647)	SEE KIT	1	
12	O-RING (SEE KIT 70-0647)	25-0652	1	
13	O-RING (SEE KIT 70-0647)	25-0163	1	
14	SUPPORT RING (SEE KIT 70-0647)	SEE KIT	1	
15	O-RING (SEE KIT 70-0647)	25-0655	1	
16	BY PASS JET UNLOADER (SEE KIT 70-0647)	SEE KIT	1	
17	BULLET (SEE KIT 70-0647)	SEE KIT	1	
18	O-RING (SEE KIT 70-0647)	25-0656	1	
19	VALVE SEAT (SEE KIT 70-0647)	SEE KIT	1	
20	VALVE HOUSING	SEE KIT	1	
21	O-RING	25-0664	1	
22	O-RING	25-0684	1	
23	INLET BANJO BOLT	8-0595	1	
24	O-RING	25-0602	1	
25	BY PASS HOUSING	SEE KIT	1	
26	O-RING	25-0654	1	
27	FILTER (SEE KIT 23-0095)	19-0001	1	
28	SWIVEL NUT (SEE KIT 23-0095)	SEE KIT	1	
29	INLET CONNECTOR (SEE KIT 23-0095)	SEE KIT	1	
30	QUICK CONNECT SOCKET	17-0007	1	
31	OUTLET CONNECTOR	46-1389	1	
32	O-RING	25-0386	1	
33	SPRING (SEE KIT 70-0500)	SEE KIT	1	
34	CHECKING VALVE (SEE KIT 70-0500)	SEE KIT	1	
35	O-RING (SEE KIT 70-0500)	25-0653	1	
36	OUTLET BANJO BOLT	8-0594	1	
37	O-RING	25-0169	1	

REPLACEMENT KITS			
KIT #	DESCRIPTION	ITEMS	# OF ASSEMBLIES
23-0095	KIT - GARDEN HOSE INLET ASSY	27-29	1
70-0500	KIT - NON-RETURN VALVES	33-35	1
70-0647	KIT - UNLOADER REBUILD	1-19	1

For parts Call 888-279-9274

Manufactured by Mi-T-M
8650 Enterprise Drive, Peosta IA 52068
563-556-7484/ Fax 563-556-1235