



PARTS LIST FOR
JCW-3504-2MHB
JCW-3504-2MSB

For parts Call 888-279-9274

Engine Oil Grade:	SAE 10W-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:	15 oz.
Nozzle Size:	4.0

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 cables from the spark plugs. 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.
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

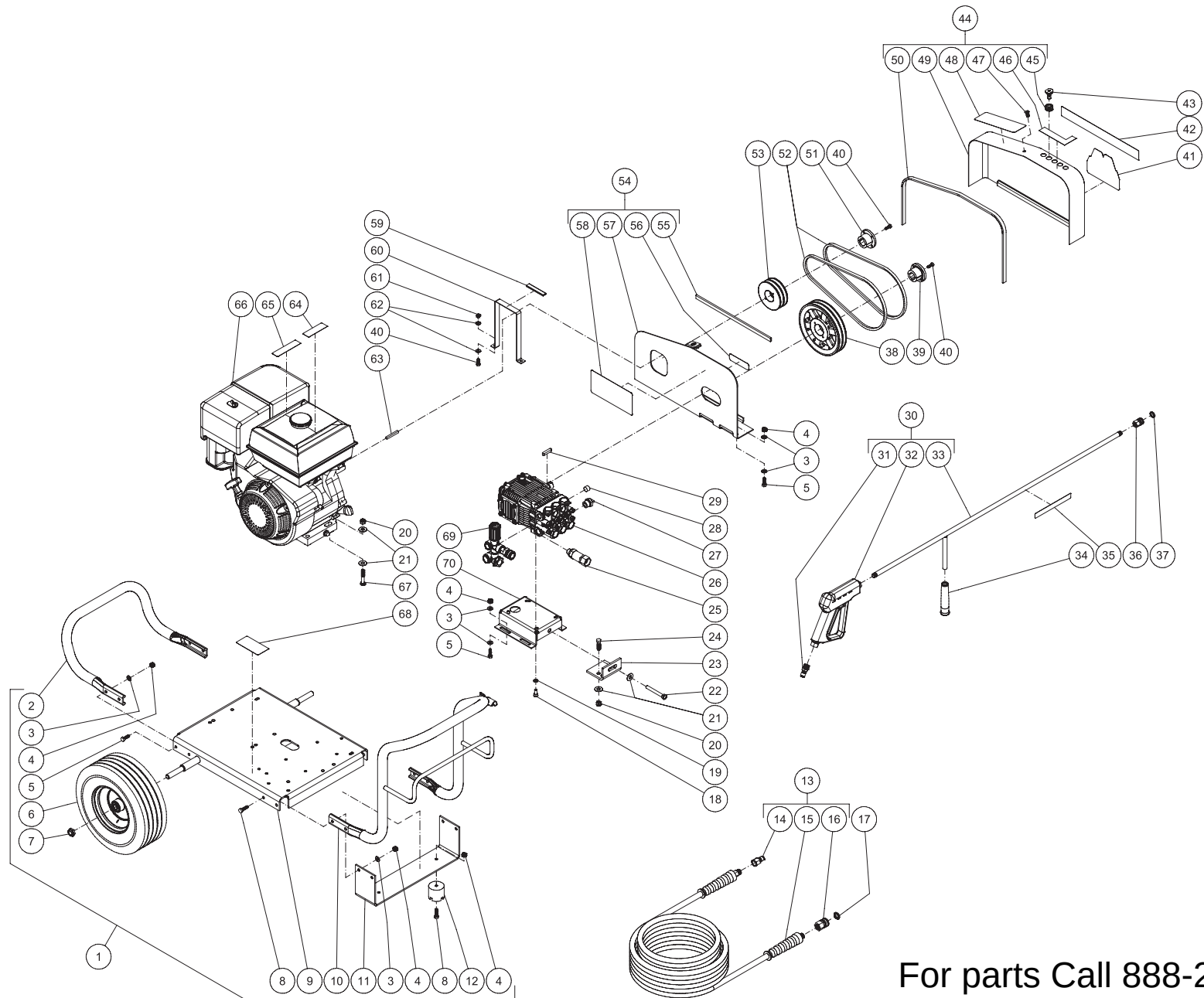
MODEL NUMBER	JCW-3504-2MHB	JCW-3504-2MSB
Operating Pressure (PSI/Bar):	3500/241	
High Pressure Nozzle:	4.0	
Water Volume (GPM/lpm):	3.7/14.0	
Engine:	Honda	Subaru
Model	GX390	EX40
Engine Type	4 Stroke, Overhead Valve, Single Cylinder	
Oil Type	SAE 10W 30	
Oil Capacity (oz./liters)	37/1.1	40.5/1.2
Low 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	
Pump:	Belt Driven, Oil Bath, Triplex Piston	
Oil Type	Mi-T-M Pump Oil #AW-4085-0016	
Oil Capacity (oz./liters)	15/.44	
Plungers	Ceramic	
Manifold	Forged Brass	
Valves	Stainless Steel	
Unloader	Adjustable	
Thermal Relief Valve	Relieves heated water during unloader bypass stage	
Unit Net Weight (lbs/kg)	184/83.5	185/83.9
Unit Shipping Weight (lbs/kg)	238/108	245/111.1
Unit Net Dimension (in/cm)	39.5L x 28.5W x 26H/100L x 72W x 66H	
Unit Shipping Dimension (in/cm)	48L x 30W x 34H/122L x 76W x 86H	

NOTES

DATE	SERIAL NUMBER	REASON FOR CHANGE
11/27/18		REMOVED SUBARU ENGINE
08/14/24	#11488889	REPLACE DZUS CLIPS WITH AVKS ON BELTGUARDS

NOTES

FRAME ASSEMBLY (WITH SUBARU)



For parts Call 888-279-9274

FRAME ASSEMBLY							
ITEM	DESCRIPTION	Mi-T-M #	QTY	ITEM	DESCRIPTION	Mi-T-M #	QTY
1	BASEPLATE ASSEMBLY - JCW - (2-12)	851-0329	1	39	BUSHING	9-0017	1
2	HANDLE	7-0175A01	1	40	BOLT	27-0015	6
3	WASHER	28-0003	22	41	DECAL - Mi-T-M (SEE 71-1037)	N/A	1
4	LOCKNUT	30-0157	17	42	DECAL (SEE 71-1037)	N/A	1
5	BOLT	27-0067	11	43	NOZZLE	18-0397	1
6	WHEEL	14-0127	2	-	NOZZLE	18-0399	1
7	LOCKNUT	30-0117	2	-	NOZZLE	18-0400	1
8	BOLT	27-0068	6	-	NOZZLE	18-0401	1
9	BASEPLATE	5-0185A01	1	44	BELTGUARD COVER ASSEMBLY - SMALL - (45-50)	851-0313	1
10	HANDLE	7-0174A01	1	45	GROMMET	33-0001	5
11	UNDERBRACKET	13-0137A01	1	46	DECAL - NOZZLE (SEE 71-1037)	N/A	1
12	ISOLATOR	14-0008	2	47	FASTENER	33-0197	1
13	HOSE ASSEMBLY - 4000 PSI - (14-16)	851-0338	1	48	DECAL - OPERATION (SEE 71-1037)	N/A	1
14	QUICK CONNECT	17-0006	1	49	BELTGUARD FRONT	6-0062A01	1
15	HOSE	15-0209	1	50	EDGING (THREE FEET REQUIRED)	33-0020	1
16	QC SOCKET	17-0004	1	51	BUSHING	9-0005	1
17	O-RING	25-0123	1	52	BELT	11-0023	2
18	BOLT	27-8884	4	53	SHEAVE	10-0067	1
19	LOCKWASHER	29-0054	4	54	BELTGUARD BACK ASSEMBLY - SMALL - (55-58)	851-0213	1
20	LOCKNUT	30-0159	6	55	EDGING (TWO FEET REQUIRED)	33-0020	1
21	WASHER	28-0023	11	56	DECAL - WARNING (SEE 71-1037)	N/A	1
22	BOLT	27-0576	1	57	BELTGUARD BACK	6-0061A01	1
23	TIGHTENER BRACKET	13-0005A01	1	58	DECAL - WARNING (SEE 71-1037)	N/A	1
24	BOLT	27-0118	2	59	EDGING (ONE FOOT REQUIRED)	33-0020	1
25	FILTER	19-0206	1	60	FINGER GUARD	6-0054A01	1
26	PUMP	3-0308	1	61	LOCKNUT	30-0155	2
27	RELIEF VALVE	22-0005	1	62	WASHER	28-0002	4
28	PLUG	23-0244	1	63	KEY	43-0078	1
29	PUMP KEY	43-0091	1	64	DECAL - RISK OF FIRE (SEE 71-1037)	N/A	1
30	GUN/WAND ASSEMBLY - (31-33)	851-0371	1	65	DECAL - RISK OF BURNS (SEE 71-1037)	N/A	1
31	QUICK CONNECT	17-0005	1	66	ENGINE - HONDA	1-0086	1
32	GUN	16-0001	1	-	ENGINE - SUBARU	1-0176	1
33	WAND (INC GRIP & QC)	16-0439	1	67	BOLT	27-0121	4
34	GRIP	7-0002	1	68	DECAL- SILVER STICKER	N/A	1
35	DECAL - RISK OF INJECTION (SEE 71-1037)	N/A	1	69	UNLOADER	8-0631	1
36	QUICK CONNECT	17-0001	1	70	PUMP BRACKET	5-0130A01	1
37	O-RING	25-0122	1	-	DECAL SET	71-1037	1
38	SHEAVE	10-0035	1	*MUST ORDER IN ONE FOOT LENGTHS			

Exploded view diagram of a pressure washer assembly. The diagram shows the engine, pump, motor, trigger gun, wand, and various hoses and nozzles. The parts are numbered 1 through 72. Dimensions are indicated: 3", 13.5", and 35". A text box at the bottom right reads "For Parts Call 888".

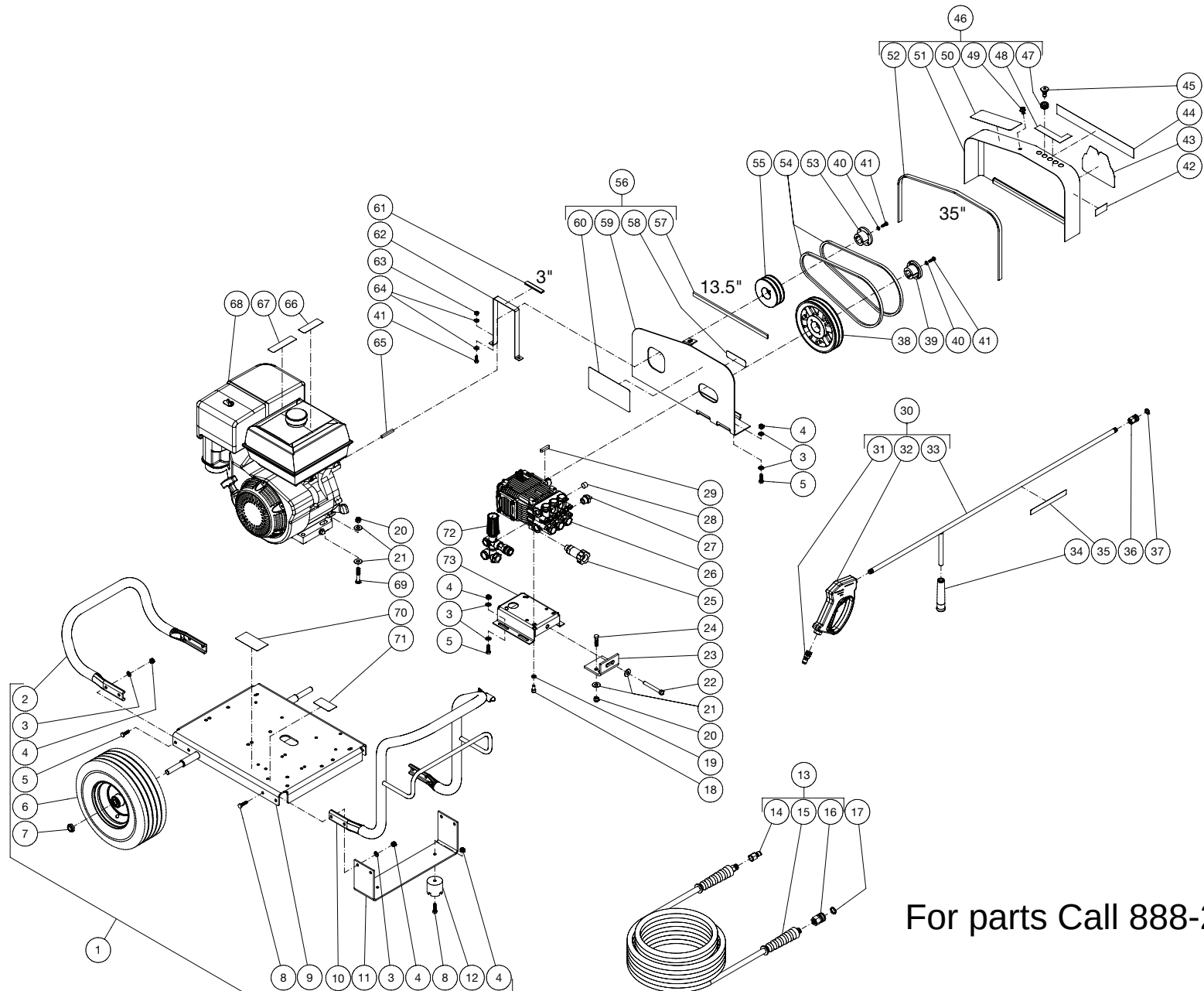
JCW-3504-2MHB 041019 TJM

FRAME ASSEMBLY

ITEM	TITLE	PART #	QTY	ITEM	TITLE	PART #	QTY
1	BASEPLATE ASSEMBLY - JCW	851-0329	1	39	BUSHING	9-0017	1
2	HANDLE	7-0175A01	1	40	BOLT	27-0015	6
3	WASHER	28-0003	22	41	DECAL - MADE IN USA	34-3553	1
4	LOCKNUT	30-0157	17	42	DECAL - Mi-T-M (SEE 71-1037)	N/A	1
5	BOLT	27-0067	11	43	DECAL (SEE 71-1037)	N/A	1
6	WHEEL	14-0150	2	44	NOZZLE	18-0397	1
7	LOCKNUT	30-0117	2	-	NOZZLE	18-0399	1
8	BOLT	27-0068	6	-	NOZZLE	18-0400	1
9	BASEPLATE	5-0185A01	1	-	NOZZLE	18-0401	1
10	HANDLE	7-0174A01	1	45	BELTGUARD COVER ASSEMBLY - SMALL	851-0313	1
11	UNDERBRACKET	13-0137A01	1	46	GROMMET	33-0001	5
12	ISOLATOR	14-0008	2	47	DECAL - NOZZLE (SEE 71-1037)	N/A	1
13	HOSE ASSEMBLY - 4000 PSI	851-0338	1	48	FASTENER	33-0197	1
14	QUICK CONNECT	17-0006	1	49	DECAL - OPERATION (SEE 71-1037)	N/A	1
15	HOSE	15-0209	1	50	BELTGUARD FRONT	6-0062A01	1
16	QC SOCKET	17-0004	1	51	EDGING *(THREE FEET REQUIRED)	33-0020	1
17	O-RING	25-0123	1	52	BUSHING	9-0005	1
18	BOLT	27-8884	4	53	BELT	11-0023	2
19	LOCKWASHER	29-0054	4	54	SHEAVE	10-0067	1
20	LOCKNUT	30-0159	6	55	BELTGUARD BACK ASSEMBLY - SMALL	851-0213	1
21	WASHER	28-0023	11	56	EDGING *(TWO FEET REQUIRED)	33-0020	1
22	BOLT	27-0576	1	57	DECAL - BELTGUARD IN PLACE (SEE 71-1037)	N/A	1
23	TIGHTENER BRACKET	13-0005A01	1	58	BELTGUARD BACK	N/A	1
24	BOLT	27-0118	2	59	DECAL - WARNING (SEE 71-1037)	N/A	1
25	FILTER	19-0206	1	60	EDGING *(ONE FOOT REQUIRED)	33-0020	1
26	PUMP	3-0308	1	61	FINGER GUARD	6-0054A01	1
27	RELIEF VALVE	22-0005	1	62	LOCKNUT	30-0155	2
28	PLUG	23-0244	1	63	WASHER	28-0002	4
29	PUMP KEY	43-0091	1	64	KEY	43-0078	1
30	GUN/WAND ASSEMBLY	851-0371	1	65	DECAL - RISK OF FIRE (SEE 71-1037)	N/A	1
31	QUICK CONNECT	17-0005	1	66	DECAL - RISK OF BURNS (SEE 71-1037)	N/A	1
32	GUN	16-0001	1	67	ENGINE - HONDA	1-0086	1
33	WAND (INC GRIP & QC)	16-0439	1	68	BOLT	27-0121	4
34	GRIP	7-0002	1	69	DECAL- SILVER STICKER	N/A	1
35	DECAL - RISK OF INJECTION (SEE 71-1037)	N/A	1	70	DECAL- MOBILE PRO	34-3583	1
36	QUICK CONNECT	17-0001	1	71	UNLOADER	8-0631	1
37	O-RING	25-0122	1	72	PUMP BRACKET	5-0130A01	1
38	SHEAVE	10-0035	1	-	DECAL SET	71-1037	1

*MUST ORDER IN ONE FOOT LENGTHS

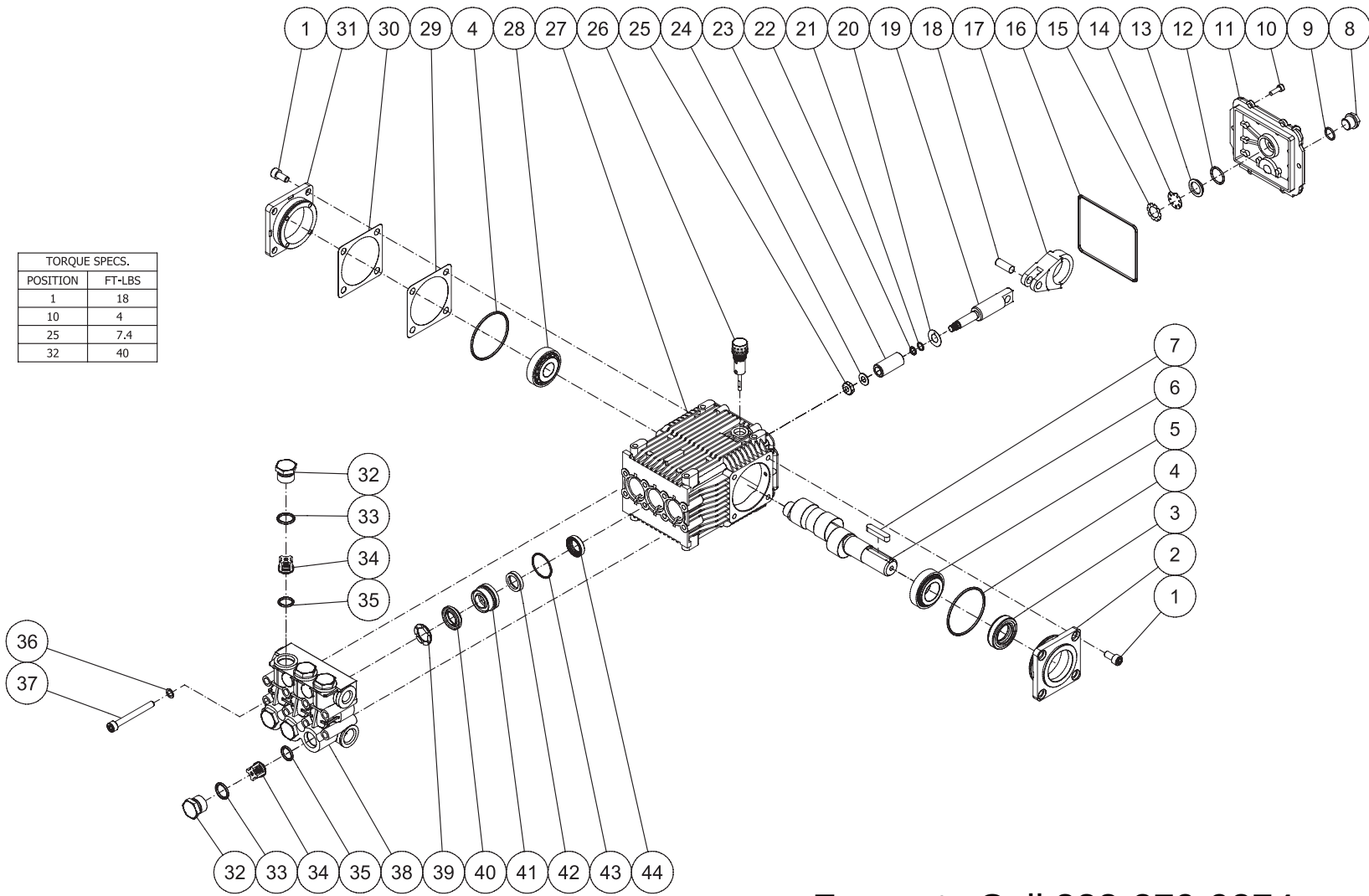
FRAME ASSEMBLY (AFTER SERIAL #11488889)



For parts Call 888-279-9274

FRAME ASSEMBLY							
ITEM	TITLE	PART #	QTY		ITEM	TITLE	PART # QTY
1	BASEPLATE ASSEMBLY - JCW	851-0329	1		40	LOCKWASHER	29-0006 4
2	HANDLE	7-0175A18	1		41	BOLT	27-0015 6
3	WASHER	28-0003	22		42	DECAL - MADE IN USA	34-3553 1
4	LOCKNUT	30-0157	17		43	DECAL - Mi-T-M	N/A 1
5	BOLT	27-0067	11		44	DECAL (SEE 71-1037)	N/A 1
6	WHEEL	14-0150	2		45	NOZZLE	18-0397 1
7	LOCKNUT	30-0117	2		-	NOZZLE	18-0399 1
8	BOLT	27-0068	6		-	NOZZLE	18-0400 1
9	BASEPLATE	5-0185A18	1		-	NOZZLE	18-0401 1
10	HANDLE	7-0174A18	1		46	BELTGUARD COVER ASSEMBLY - SMALL	851-0456 1
11	UNDERBRACKET	13-0137A18	1		47	GROMMET	33-0001 5
12	ISOLATOR	14-0008	2		48	DECAL - NOZZLE (SEE 71-1037)	N/A 1
13	HOSE ASSEMBLY - 4000 PSI	851-0338	1		49	BOLT	27-1206 1
14	QUICK CONNECT	17-0006	1		50	DECAL - OPERATION (SEE 71-1037)	N/A 1
15	HOSE	15-0209	1		51	BELTGUARD FRONT	6-0062A18 1
16	QUICK CONNECT SOCKET	17-0004	1		52	EDGING *(THREE FEET REQUIRED)	33-0020 1
17	O-RING	25-0123	1		53	BUSHING	9-0005 1
18	BOLT	27-8884	4		54	BELT	11-0023 2
19	LOCKWASHER	29-0054	4		55	SHEAVE	10-0067 1
20	LOCKNUT	30-0159	6		56	BELTGUARD BACK ASSEMBLY - SMALL	851-0444 1
21	WASHER	28-0023	11		57	EDGING *(TWO FEET REQUIRED)	33-0020 1
22	BOLT	27-0576	1		58	DECAL - BELTGUARD IN PLACE (SEE 71-1037)	N/A 1
23	TIGHTENER BRACKET	13-0005A18	1		59	BELTGUARD BACK	N/A 1
24	BOLT	27-0118	2		60	DECAL - WARNING (SEE 71-1037)	N/A 1
25	FILTER	19-0206	1		61	EDGING *(ONE FOOT REQUIRED)	33-0020 1
26	PUMP	3-0308	1		62	FINGER GUARD	6-0054A18 1
27	RELIEF VALVE	22-0005	1		63	LOCKNUT	30-0155 2
28	PLUG	23-0244	1		64	WASHER	28-0002 4
29	PUMP KEY	43-0091	1		65	KEY	43-0078 1
30	GUN/WAND ASSEMBLY	851-0371	1		66	DECAL - RISK OF FIRE (SEE 71-1037)	N/A 1
31	QUICK CONNECT	17-0005	1		67	DECAL - RISK OF BURNS (SEE 71-1037)	N/A 1
32	GUN	16-0446	1		68	ENGINE - HONDA	1-0086 1
33	WAND (INC GRIP & QC)	16-0439	1		69	BOLT	27-0121 4
34	GRIP	7-0002	1		70	DECAL - SILVER STICKER	N/A 1
35	DECAL - RISK OF INJECTION (SEE 71-1037)	N/A	1		71	DECAL - MOBILE PRO	34-3583 1
36	QUICK CONNECT	17-0001	1		72	UNLOADER ASSEMBLY WITHOUT CHEM INJ	8-0631 1
37	O-RING	25-0122	1		73	PUMP BRACKET	5-0130A18 1
38	SHEAVE	10-0035	1		-	DECAL SET	71-1037 1
39	BUSHING	9-0017	1		*MUST ORDER IN ONE FOOT LENGTHS		

PUMP ASSEMBLY (3-0308)



For parts Call 888-279-9274

3-0308-052113 JPS

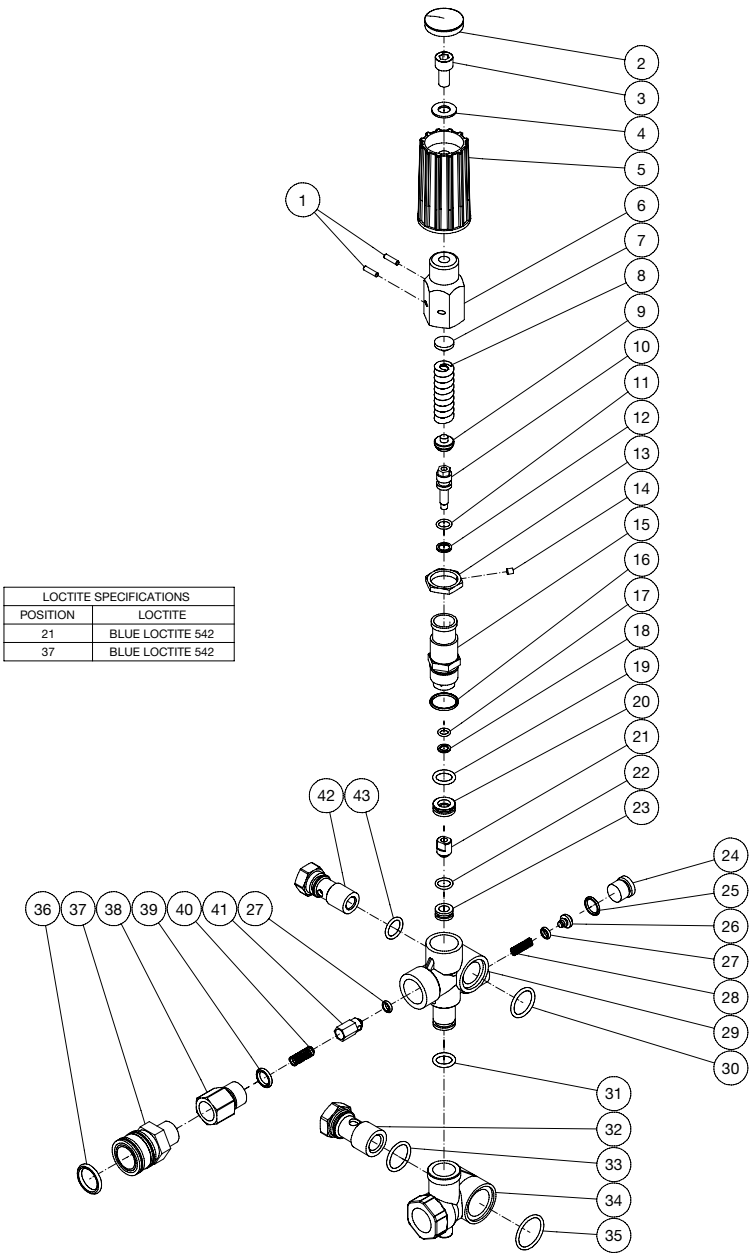
PUMP ASSEMBLY

ITEM	DESCRIPTION	Mi-T-M #	QTY	ITEM	DESCRIPTION	Mi-T-M #	QTY
1	BOLT	27-8884	8	24	WASHER/GASKET (SEE KIT 70-0352)	26-0191	3
2	SHAFT COVER	46-0691	1	25	NUT (SEE KIT 70-0352)	30-6020	3
3	OIL SEAL (SEE KIT 70-0321)	26-0188	1	26	OIL DIPSTICK	39-0090	1
4	O-RING (SEE KIT 70-0321)	25-0380	2	27	CRANKCASE	46-1198	1
5	ROLLER BEARING	48-0061	1	28	BEARING	48-0072	1
6	CRANKSHAFT	46-1103	1	29	SHIM	46-0705	1
7	PUMP KEY	43-0091	1	30	SHIM	46-0704	1
8	PLUG	39-0086	1	31	BEARING CAP/SUPPORT	46-0703	1
9	O-RING	25-0325	1	32	VALVE CAP	39-0095	6
10	BOLT	27-8885	6	33	O-RING	25-0160	6
11	CRANKCASE COVER	46-0719	1	34	VALVE ASSEMBLY (SEE KIT 70-0319)	46-0937	6
12	O-RING	25-0370	1	35	O-RING (SEE KIT 70-0319)	25-0386	6
13	OIL SIGHT GLASS	46-0670	1	35	O-RING	25-0386	6
14	OIL REFLECTOR	46-0824	1	36	LOCKWASHER	29-0154	8
15	SPRING RETAINER	46-0671	1	37	BOLT	27-8440	8
16	O-RING (SEE KIT 70-0321)	25-0398	1	38	MANIFOLD	46-1186	1
17	CONNECTING ROD	46-0896	3	39	SUPPROT RING (SEE KIT 70-0178)	46-0710	3
18	PISTON PIN	46-0698	3	40	V PACKING (SEE KIT 70-0177)	46-0709	3
19	PLUNGER ROD	46-0699	3	41	PACKING RETAINER	46-0708	3
20	SLINGER WASHER (SEE KIT 70-0352)	46-0700	3	42	LOW PRESSURE SEAL (SEE KIT 70-0177)	46-0707	3
21	O-RING (SEE KIT 70-0352)	25-0404	3	43	O-RING (SEE KIT 70-0177)	25-0384	3
22	O-RING (SEE KIT 70-0352)	25-0415	3	44	OIL SEAL (SEE KIT 70-0321)	46-9031	1
23	PISTON (SEE KIT 70-0352)	46-0701	3				

REPLACEMENT KITS

Mi-T-M KIT #	DESCRIPTION	ITEMS	# OF ASSEMBLIES	# OF CYLINDERS
70-0321	KIT - OIL SEALS	3, 4, 16, 44	1, 1, 1, 3	3
70-0352	KIT - PISTONS	20-25	3	3
70-0177	KIT - HIGH PRESSURE SEALS	40, 42, 43	3	3
70-0178	KIT - SUPPORT RINGS	39	3	3
70-0319	KIT - VALVES	34, 35	6	3

UNLOADER (8-0631)



8-0631 080520 CH

UNLOADER ASSEMBLY			
ITEM	DESCRIPTION	PART #	QTY
1	SECURING PIN (SEE 70-0659)	46-1602	2
2	KNOB (SEE 70-0659)	7-0260	1
3	BOLT (SEE 70-0659)	27-8431	1
4	WASHER (SEE 70-0659)	28-0003	1
5	CAP (SEE 70-0659)	7-0259	1
6	KNOB (SEE 70-0659)	SEE KIT	1
7	SPRING SEAT (SEE 70-0659)	SEE KIT	1
8	SPRING (SEE 70-0659)	SEE KIT	1
9	SPRING SEAT (SEE 70-0659)	SEE KIT	1
10	VALVE ROD (SEE 70-0659)	SEE KIT	1
11	O-RING (SEE 70-0659)	25-0651	1
12	SUPPORT RING (SEE 70-0659)	SEE KIT	1
13	JAM NUT (SEE 70-0659)	SEE KIT	1
14	SET SCREW (SEE 70-0659)	8-0479	1
15	UNLOADER VALVE BODY (SEE 70-0659)	SEE KIT	1
16	O-RING (SEE 70-0659)	25-0652	1
17	O-RING (SEE 70-0659)	25-0163	1
18	SUPPORT RING (SEE 70-0659)	SEE KIT	1
19	O-RING (SEE 70-0659)	25-0655	1
20	BY PASS JET UNLOADER (SEE 70-0659)	SEE KIT	1
21	BULLET (SEE 70-0659)	SEE KIT	1
22	O-RING (SEE 70-0659)	25-0656	1
23	VALVE SEAT (SEE 70-0659)	SEE KIT	1
24	PLUG (SEE 70-0658)	39-0379	1
25	O-RING (SEE 70-0658)	25-0691	1
26	SPRING BASE (SEE 70-0658)	46-1603	1
27	O-RING (SEE 70-0658 AND SEE 70-0500)	25-0690	2
28	SPRING (SEE 70-0658)	46-1604	1
29	VALVE HOUSING	46-1619	1
30	O-RING	25-0664	1
31	O-RING	25-0684	1
32	INLET BANJO BOLT	8-0595	1
33	O-RING	25-0602	1
34	BY PASS HOUSING	46-1620	1
35	O-RING	25-0654	1
36	O-RING	25-0123	1
37	QUICK CONNECT SOCKET	17-0007	1
38	OUTLET CONNECTOR	46-1389	1
39	O-RING	25-0663	1
40	SPRING (SEE 70-0500)	SEE KIT	1
41	CHECKING VALVE (SEE 70-0500)	SEE KIT	1
42	OUTLET BANJO BOLT	8-0594	1
43	O-RING	25-0169	1

KIT #	DESCRIPTION	ITEMS	# OF ASSEMBLIES
70-0500	KIT - NON-RETURN VALVES	40-41, 27	1
70-0658	KIT - EZ START	24-28	1
70-0659	KIT - UNLOADER REBUILD	1-23	1

For parts Call 888-279-9274

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