



TECHNICAL PARTS LIST FOR ***JCW-3504-0MHB/VB/RB***

For parts Call 888-279-9274

Engine Oil Grade:

Honda:	SAE 10W-30
Vanguard/Subaru:	Above 40°F=SAE 30
	Below 40°F=SAE10W-30

Engine Oil Capacity:

Honda:	37 oz.
Vanguard:	51 oz.
Subaru:	40.5 oz.

Pump Oil Grade:	Mi-T-M Pump Oil #AW-4085-0016
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Pump Oil Capacity:	15 oz.
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Nozzle Size:	4.0
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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.

Table of Contents

SPECIFICATIONS.....

3

NOTES

4

FRAME ASSEMBLY (AFTER SERIAL #10070000).....

6

FRAME ASSEMBLY (AFTER SERIAL #10176225).....

8

FRAME ASSEMBLY (AFTER SERIAL #10734403).....

10

PUMP ASSEMBLY (3-0229)

12

PUMP ASSEMBLY (3-0268)

14

PUMP ASSEMBLY (3-0308)

16

UNLOADER (8-0533).....

18

UNLOADER ASSEMBLY (8-0631)

20

GUN ASSEMBLY (16-0001)

22

SPECIFICATIONS

MODEL NUMBER	JCW-3504-0MHB	JCW-3504-0MVB	JCW-3504-0MRB
Operating Pressure (PSI/Bar):	3500/241		
High Pressure Nozzle:	4.0		
Water Volume (GPM/lpm):	3.7/14.0		3.8/14.38
Engine:	Honda	B & S Vanguard	Subaru
Horsepower	13.0		13.5
Engine Type	4 Stroke, Overhead Valve, Single Cylinder		4 Stroke, Overhead Cam, Single Cylinder
Oil Type	SAE 10W 30	Above 40°F=SAE30/Below 40°F=SAE 10W 30	
Oil Capacity (oz./liters)	37/1.1	51/1.5	40.5/1.2
Low Oil Protection	Oil Alert™	Oil Guard™	Oil Sensor
Fuel Type	Unleaded Gasoline 86 Octane Minimum		
Fuel Capacity (gallon/ liters)	1.72/6.5	1.88/7.1	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	189/85.5	185/83.9
Unit Shipping Weight (lbs/kg)	238/108	243/110	245/111.1
Unit Net Dimension (in/cm)	39.5L x 28.5W x 26H/100L x 72W x 66H		40L x 28W x 30H /101L x 71W x 76H
Unit Shipping Dimension (in/cm)	48L x 30W x 34H/122L x 76W x 86H		49L x 31W x 37H/124L x 78W x 94H

NOTES

SERIAL BREAK NUMBER:

#10070000

#10176225

01/19/09

06/19/13

#10734403

SERIAL BREAK EXPLANATION:

FRAME CHANGE FROM 5-0129A01 TO 5-0185A01 (NO OLD DRAWING).

PUMP CHANGED FROM 3-0229 TO 3-0268

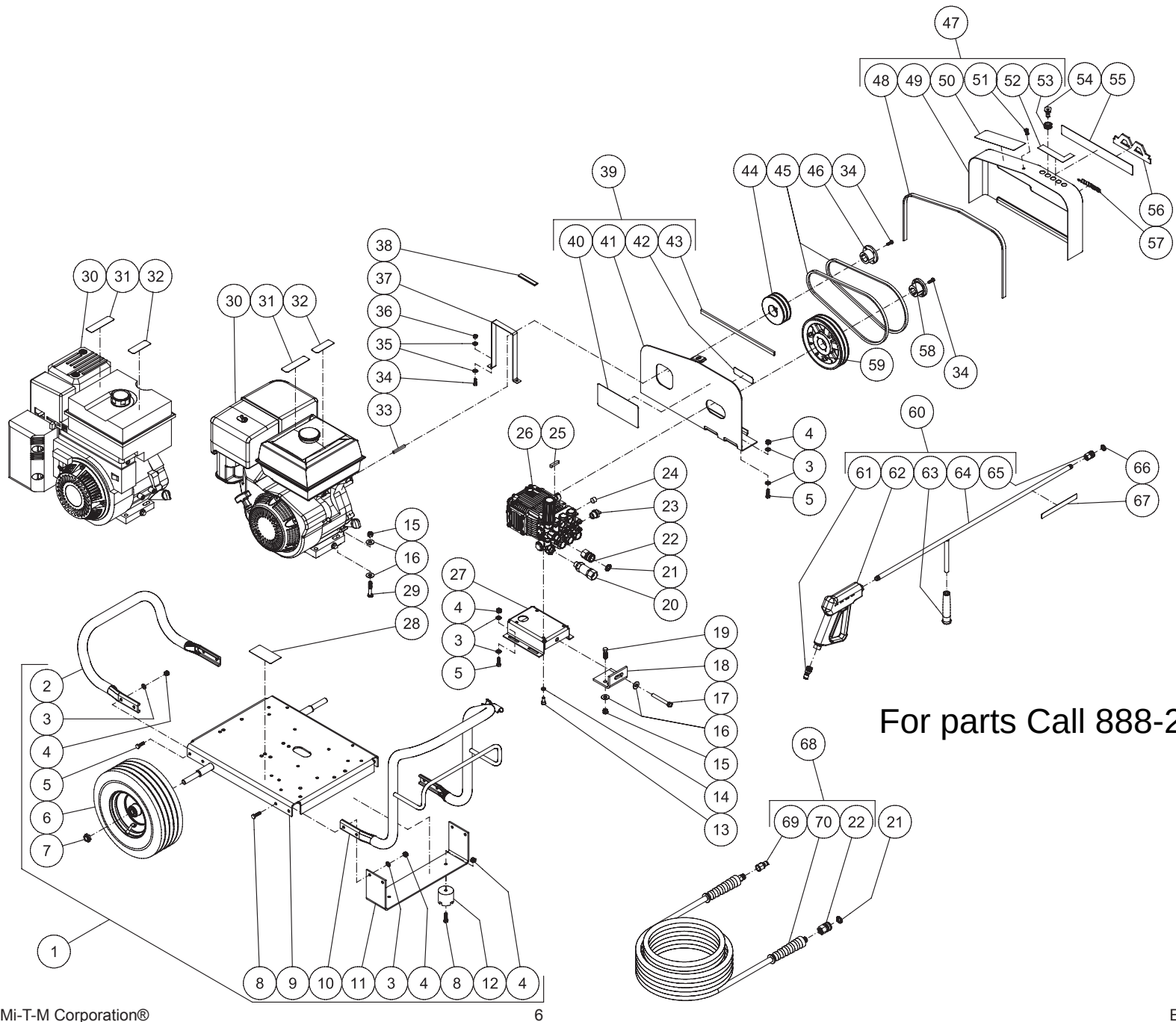
Added O-Ring to Pump 3-0268.

CHANGED PUMP FROM 3-0268 TO 3-0308

CHANGED UNLOADER FROM 8-0533 TO 8-0631

NOTES

FRAME ASSEMBLY (AFTER SERIAL #10070000)



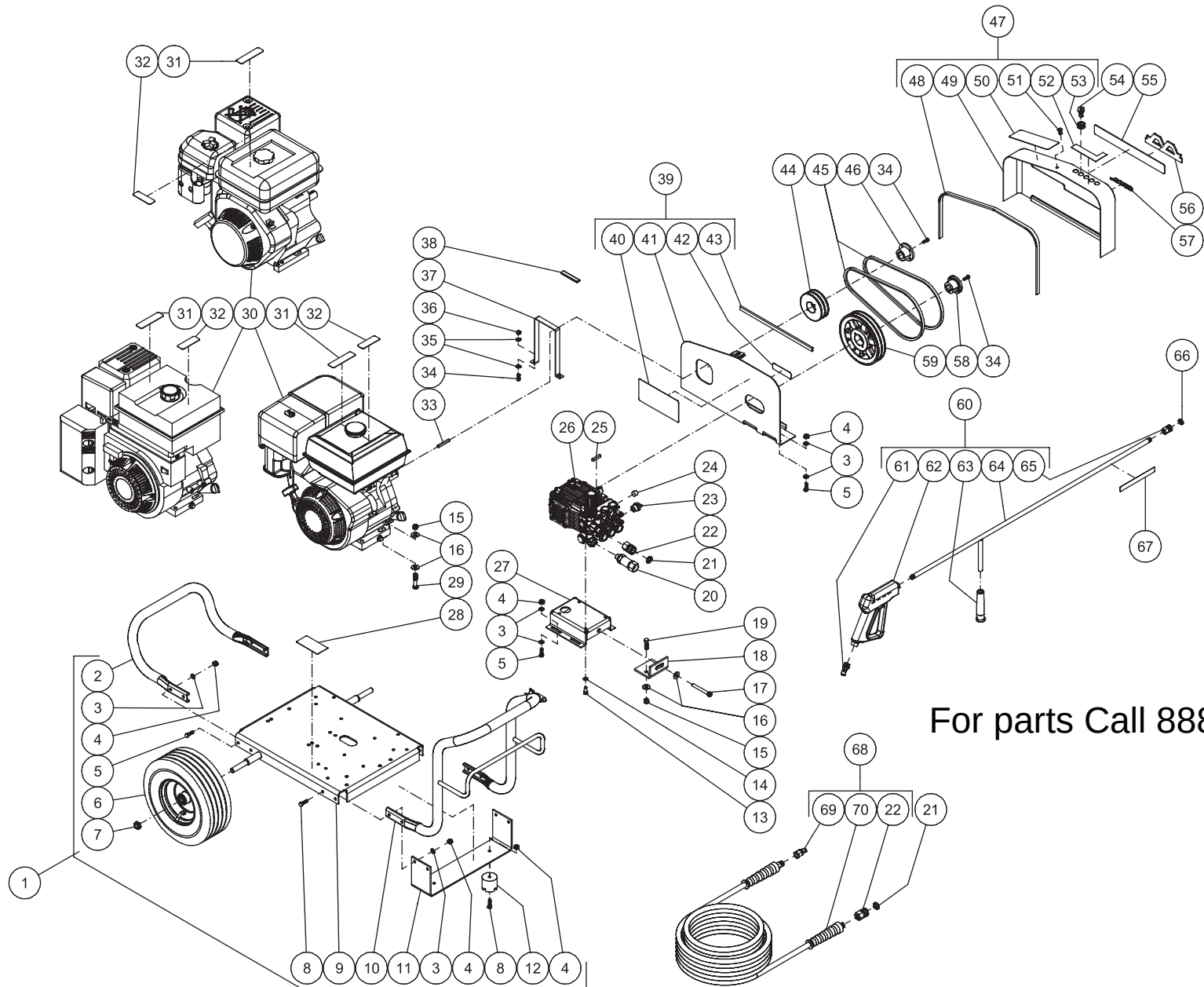
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FRAME ASSEMBLY (AFTER SERIAL #10070000)

REF #	DESCRIPTION	PART #	QTY	REF #	DESCRIPTION	PART #	QTY	REF #	DESCRIPTION	PART #	QTY
1	Base Assembly (Inc. 2-12)	851-0329	1	26	Pump	3-0268	1	50	Decal- Operation (See 34-9017)	N/A Sep.	1
2	Rear Handle	7-0175A01	1	27	Pump Bracket	5-0130A01	1	51	Fastener	33-0197	1
3	Washer	28-0003	24	28	Decal- Data Plate	N/A	1	52	Decal- Nozzles 0, 15, 25, 40	34-0500	1
4	Locknut	30-0157	18	29	Bolt	27-0121	4	53	Grommet	33-0001	5
5	Bolt	27-0067	12	30	Engine- Honda 9 HP (JCW-3504-0MHB)	1-0086	1	54	Nozzle- 0004	18-0028	1
6	Wheel	14-0006	2	-	Engine- Vanguard 9 HP (JCW-3504-0MVB)	1-0090	1	-	Nozzle- 1504	18-0029	1
7	Nut	30-0117	2	31	Decal- Caution: Risk of Fire (See 34-9017)	N/A Sep.	1	-	Nozzle- 2504	18-0030	1
8	Bolt	27-0068	6	32	Decal- Warning: Risk of Burns (See 34-9017)	N/A Sep.	1	-	Nozzle- 4004	18-0031	1
9	Baseplate	5-0185A01	1	33	Key	43-0078	1	55	Decal- Mi-T-M Stripe	34-0502	1
10	Front Handle	7-0174A01	1	34	Bolt	27-0015	6	56	Decal- Mi-T-M Small Logo	62-0086	1
11	Underbracket	13-0137A01	1	35	Washer	28-0002	4	57	Decal- White Die Cut 3500PSI	34-0909	1
12	Isolator	14-0008	2	36	Locknut	30-0155	2	58	Bushing	9-0017	1
13	Bolt	27-8884	4	37	Finger Guard	6-0054A01	1	59	Sheave	10-0035	1
14	Lockwasher	29-0054	4	38	Edging *(Five Feet Required)	33-0020	1	60	Gun/Wand Assembly (Inc. 61-65)	851-0095	1
15	Locknut	30-0159	6	39	Beltguard Back Assembly (Inc. 40-43)	851-0213	1	61	Quick Connect Plug	17-0005	1
16	Flatwasher	28-0023	11	40	Decal- Warning/Caution (See 34-9017)	N/A Sep.	1	62	Trigger Gun	16-0001	1
17	Bolt	27-0576	1	41	Beltguard Back Assembly (See 851-0213)	N/A Sep.	1	63	Wand Grip	7-0002	1
18	Angle Tightener Bracket	13-0005A01	1	42	Decal- Warning: Beltguard (See 34-9017)	N/A Sep.	1	64	Wand	16-0418	1
19	Bolt	27-0118	2	43	Edging *(Two Feet Required)	33-0020	1	65	Quick Connect Socket	17-0001	1
20	Inlet Filter	19-0206	1	44	Sheave	10-0067	1	66	O-ring	25-0122	1
21	O-ring	25-0123	2	45	Belt	11-0023	2	67	Decal- Warning: Risk of Injection (See 34-9017)	N/A Sep.	1
22	Socket	17-0004	2	46	Bushing	9-0005	1	68	Hose Assembly (Inc. 22, 69-70)	851-0338	1
23	Thermal Relief Valve	22-0005	1	47	Beltguard Cover Assembly (Inc. 48-53)	851-0313	1	69	Quick Connect Plug	17-0006	1
24	Plug	23-0244	1	48	Edging *(Three Feet Required)	33-0020	1	70	Hose	15-0209	1
25	Key w/ Pump	43-0091	1	49	Beltguard Cover (See 851-0313)	N/A Sep.	1		Safety Decal Kit (Inc. 31-32, 40, 42, 50, 67)	34-9017	

*Must Order in One Foot Lengths

FRAME ASSEMBLY (AFTER SERIAL #10176225)

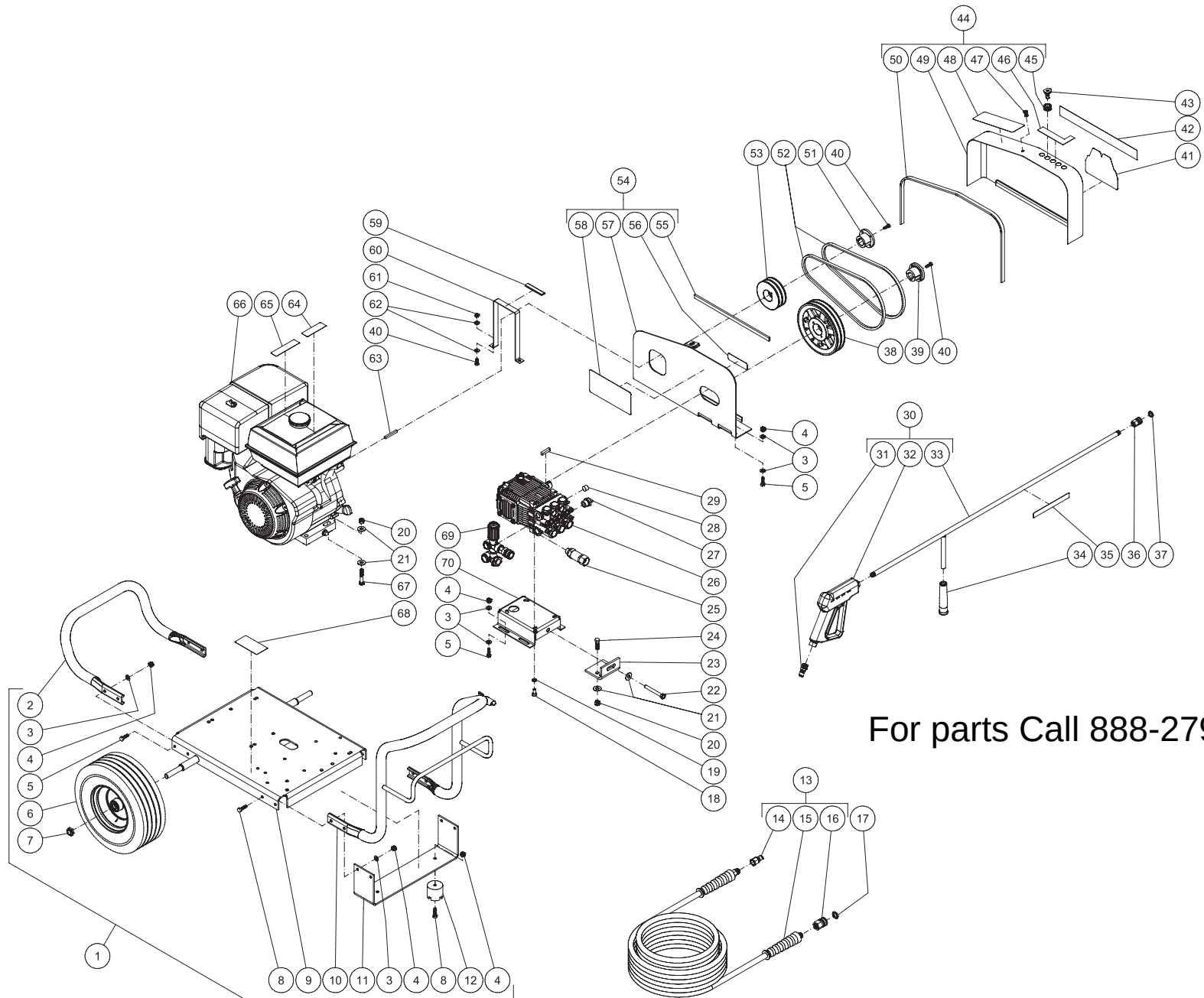


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FRAME ASSEMBLY (AFTER SERIAL #10176225)

FRAME ASSEMBLY (AFTER SERIAL #10176225)													
REF #	DESCRIPTION	PART #	QTY		REF #	DESCRIPTION	PART #	QTY		REF #	DESCRIPTION	PART #	QTY
1	Base Assembly (Inc. 2-12)	851-0329	1		27	Pump Bracket	5-0130A01	1		51	Fastener	33-0197	1
2	Rear Handle	7-0175A01	1		28	Decal- Data Plate	N/A	1		52	Decal- Nozzles 0, 15, 25, 40	34-0500	1
3	Washer	28-0003	24		29	Bolt	27-0121	4		53	Grommet	33-0001	5
4	Locknut	30-0157	18		30	Engine- Honda 13 HP (JCW-3504-0MHB)	1-0086	1		54	Nozzle- 0004	18-0028	1
5	Bolt	27-0067	12		-	Engine- Vanguard 13 HP (JCW-3504-0MVB)	1-0090	1		-	Nozzle- 1504	18-0029	1
6	Wheel	14-0006	2		-	Engine- Subaru 13.5 HP (JCW-3504-0MRB)	1-0056	1		-	Nozzle- 2504	18-0030	1
7	Nut	30-0117	2		31	Decal- Caution: Risk of Fire (See 34-9017)	N/A Sep.	1		-	Nozzle- 4004	18-0031	1
8	Bolt	27-0068	6		32	Decal- Warning: Risk of Burns (See 34-9017)	N/A Sep.	1		55	Decal- Mi-T-M Stripe	34-0502	1
9	Baseplate	5-0185A01	1		33	Key	43-0078	1		56	Decal- Mi-T-M Small Logo	62-0086	1
10	Front Handle	7-0174A01	1		34	Bolt	27-0015	6		57	Decal- White Die Cut 3500PSI	34-0909	1
11	Underbracket	13-0137A01	1		35	Washer	28-0002	4		58	Bushing	9-0017	1
12	Isolator	14-0008	2		36	Locknut	30-0155	2		59	Sheave	10-0035	1
13	Bolt	27-8884	4		37	Finger Guard	6-0054A01	1		60	Gun/Wand Assembly (Inc. 61-65)	851-0371	1
14	Lockwasher	29-0054	4		38	Edging *(Five Feet Required)	33-0020	1		61	Quick Connect Plug	17-0005	1
15	Locknut	30-0159	6		39	Beltguard Back Assembly (Inc. 40-43)	851-0213	1		62	Trigger Gun	16-0001	1
16	Flatwasher	28-0023	11		40	Decal- Warning/Caution (See 34-9017)	N/A Sep.	1		63	Wand Grip	7-0002	1
17	Bolt	27-0576	1		41	Beltguard Back Assembly (See 851-0213)	N/A Sep.	1		64	Wand	16-0439	1
18	Angle Tightener Bracket	13-0005A01	1		42	Decal- Warning: Beltguard (See 34-9017)	N/A Sep.	1		65	Quick Connect Socket	17-0001	1
19	Bolt	27-0118	2		43	Edging *(Two Feet Required)	33-0020	1		66	O-ring	25-0122	1
20	Inlet Filter	19-0206	1		44	Sheave	10-0067	1		67	Decal- Warning: Risk of Injection (See 34-9017)	N/A Sep.	1
21	O-ring	25-0123	2		45	Belt	11-0023	2		68	Hose Assembly (Inc. 22, 69-70)	851-0338	1
22	Socket	17-0004	2		46	Bushing	9-0005	1		69	Quick Connect Plug	17-0006	1
23	Thermal Relief Valve	22-0005	1		47	Beltguard Cover Assembly (Inc. 48-53)	851-0313	1		70	Hose	15-0209	1
24	Plug	23-0244	1		48	Edging *(Three Feet Required)	33-0020	1			Safety Decal Kit (Inc. 31-32, 40, 42, 50, 67)	34-9017	
25	Key w/ Pump	43-0091	1		49	Beltguard Cover (See 851-0313)	N/A Sep.	1					
26	Pump	3-0268	1		50	Decal- Operation (See 34-9017)	N/A Sep.	1					
*Must Order in One Fot Lengths													

FRAME ASSEMBLY (AFTER SERIAL #10734403)

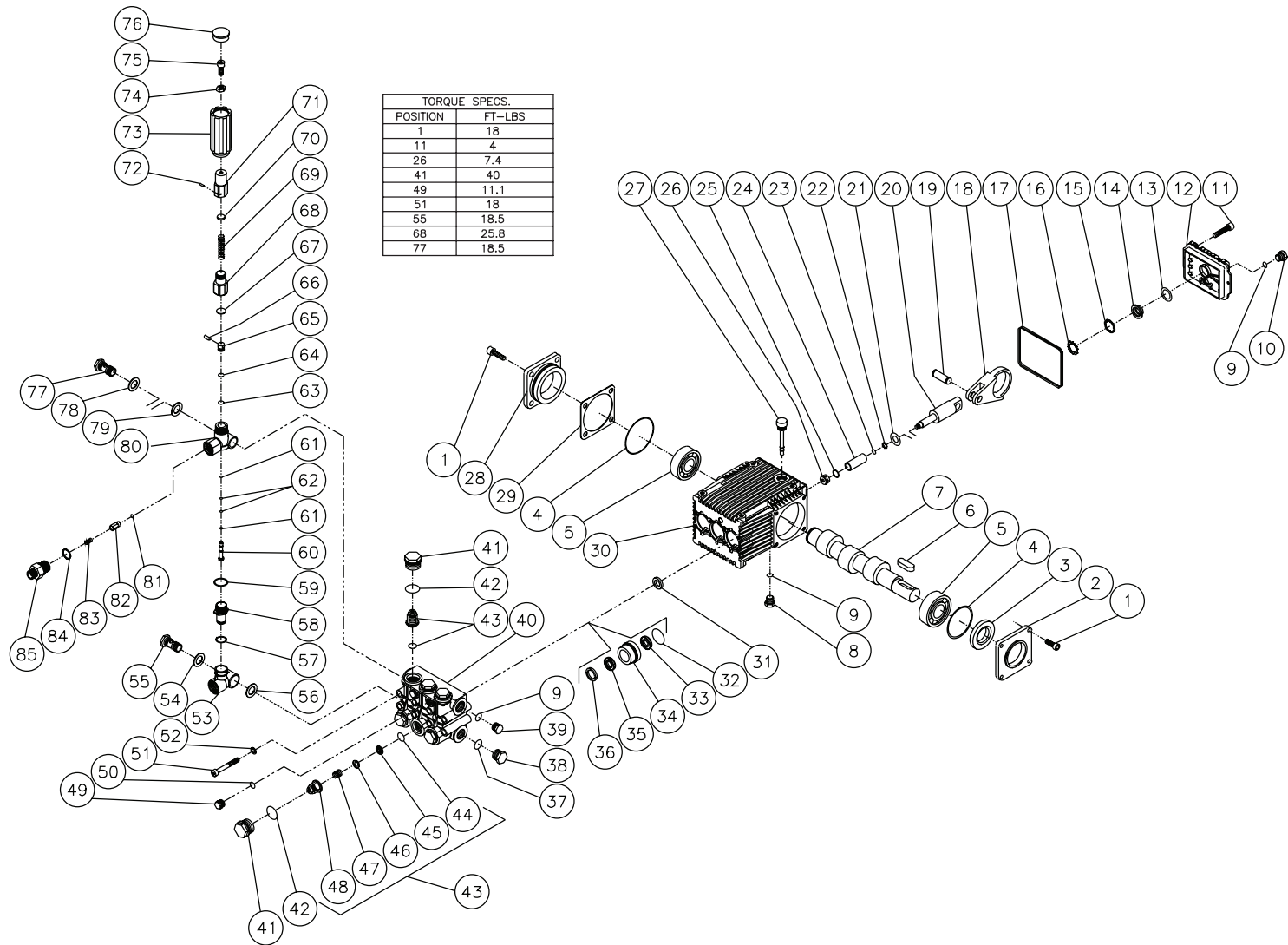


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FRAME ASSEMBLY

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			

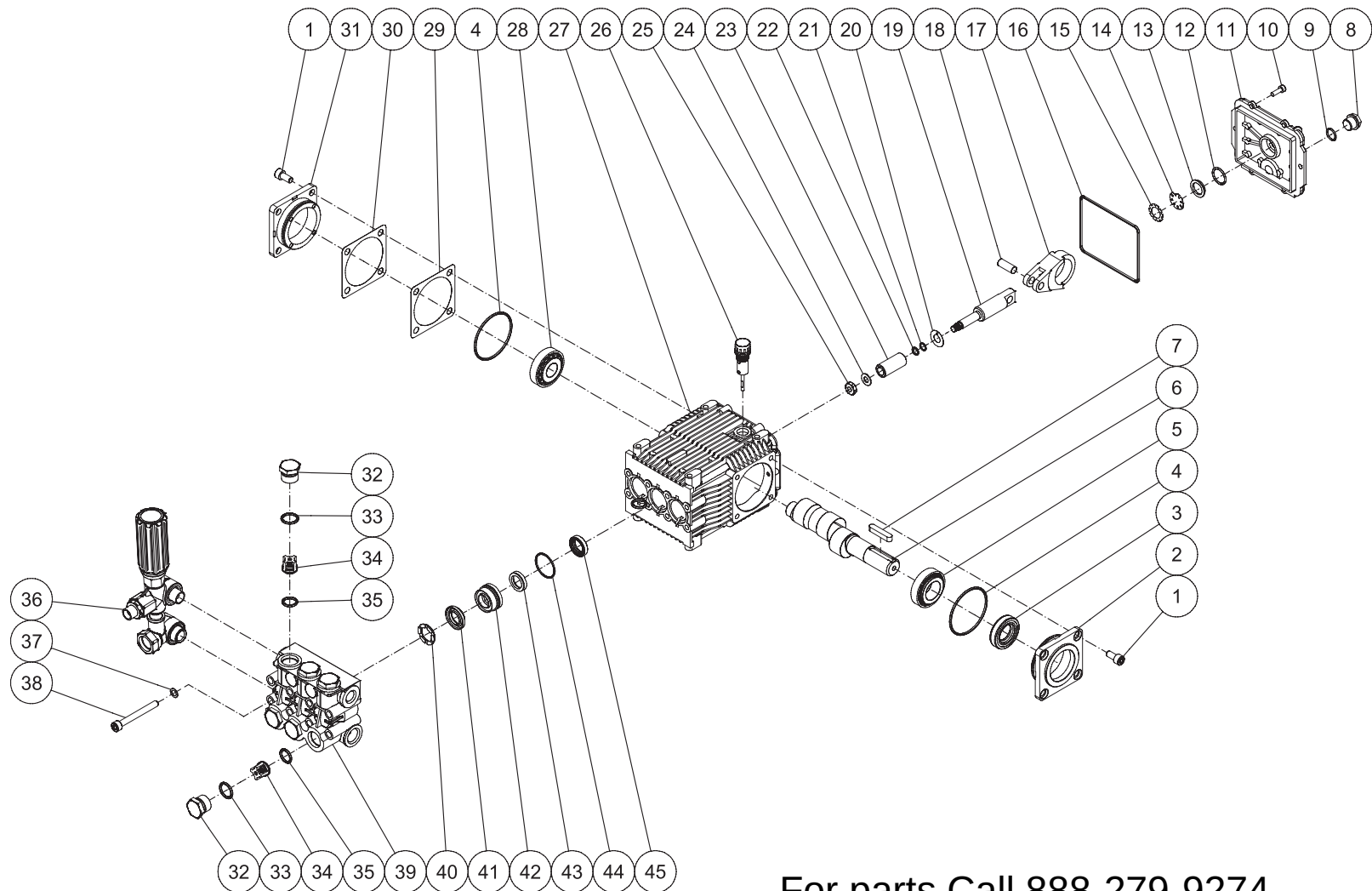
PUMP ASSEMBLY (3-0229)



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PUMP ASSEMBLY (3-0229)											
REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Bolt	27-8884	8	31	Oil Seal	46-0931	3	62	O-ring	25-0371	3
2	Shaft Cover	46-0691	1	32	O-ring	25-0384	3	63	O-ring (See 8-0456)	N/A Sep.	1
3	Oil Seal	26-0188	1	33	Low Pressure Seal (See 70-0177)	N/A Sep.	3	64	Backup Ring (See 8-0456)	N/A Sep.	1
4	O-Ring	25-0380	2	34	Packing Retainer	46-0708	3	65	Poppet	8-0443	1
5	Roller Bearing	48-0072	2	35	V-Packing (See 70-0177)	N/A Sep.	3	66	Pin	8-0444	1
6	Key	43-0091	1	36	Support Ring (See 70-0178)	N/A Sep.	3	67	Spring Button	8-0445	1
7	Crankshaft	46-1103	1	37	O-ring	25-0372	1	68	Guide Spring	8-0474	1
8	Plug	39-0102	1	38	Plug	39-0088	1	69	Spring	49-0132	1
9	O-ring	25-0325	3	39	Plug	39-0086	1	70	Spring Button	8-0475	1
10	Plug	39-0086	1	40	Manifold	46-0711	1	71	Adjustment Barrel	8-0476	1
11	Bolt	27-8885	6	41	Valve Cap	39-0095	6	72	Pin	8-0477	1
12	Crankcase Cover	46-0719	1	42	O-ring	25-0160	6	73	Unloader Knob	7-0141	1
13	O-ring	25-0370	1	43	Single Valve Assembly (Inc. 44-48) (See 70-0319)	N/A Sep.	6	74	Nut	30-3025	1
14	Oil Sight Glass	46-0670	1	44	O-ring	25-0386	6	75	Bolt	27-8433	1
15	Reflector	46-0824	1	45	Valve Seat (See 70-0319)	N/A Sep.	6	76	Cap	7-0142	1
16	Retainer	46-0671	1	46	Valve Plate (See 70-0319)	N/A Sep.	6	77	Adaptor	8-0448	1
17	O-ring	25-0398	1	47	Valve Spring (See 70-0319)	N/A Sep.	6	78	Washer	8-0449	1
18	Connecting Rod	46-0922	3	48	Valve Cage (See 70-0319)	N/A Sep.	6	79	Washer	8-0450	1
19	Piston Pin	46-0698	3	49	Plug	39-0096	2	80	Unloader Body	8-0451	1
20	Plunger Rod	46-0699	3	50	O-ring	25-0387	2	81	O-ring	25-0437	1
21	Washer	46-0700	3	51	Bolt	27-8440	8	82	Check Valve	8-0454	1
22	Backup Ring	25-0404	3	52	Lockwasher	29-0154	8	83	Spring	49-0123	1
23	O-ring	25-0382	3	53	Inlet Bypass Adaptor	8-0437	1	84	O-ring	25-0372	1
24	Piston	46-0701	3	54	Washer	8-0440	1	85	Adapter Nipple	24-0159	1
25	Washer	26-0191	3	55	Adaptor	8-0438	1		Oil Seals Kit (Inc. 3, 4, 17, 31)	70-0321	
26	Nut	30-6020	3	56	Washer	8-0439	1		Piston Kit (Inc. 3 each 21-26)	70-0352	
27	Oil Dipstick	39-0090	1	57	O-ring (See 8-0456)	N/A Sep.	1		High Pressure Seal Kit (Inc. 3 each 32, 33, 35)	70-0177	
28	Bearing Cap/ Support	46-0703	1	58	Nipple	8-0441	1		Support Ring Kit (Includes 3 each 36)	70-0178	
29	Shim (Quantity Varies 1-3)	46-0704	-	59	O-ring (See 8-0456)	N/A Sep.	1		Valve Kit (Includes 6 each 44-48)	70-0319	
-	Shim (Quantity Varies 1-3)	46-0705	-	60	Piston	8-0442	1		Unloader (Includes 53-83)	8-0456	
30	Crankcase	46-0811	1	61	Backup Ring (See 8-0456)	N/A Sep.	2		Unloader Repair Kit (Inc. 57, 59, 61-64, 81)	70-0180	

PUMP ASSEMBLY (3-0268)

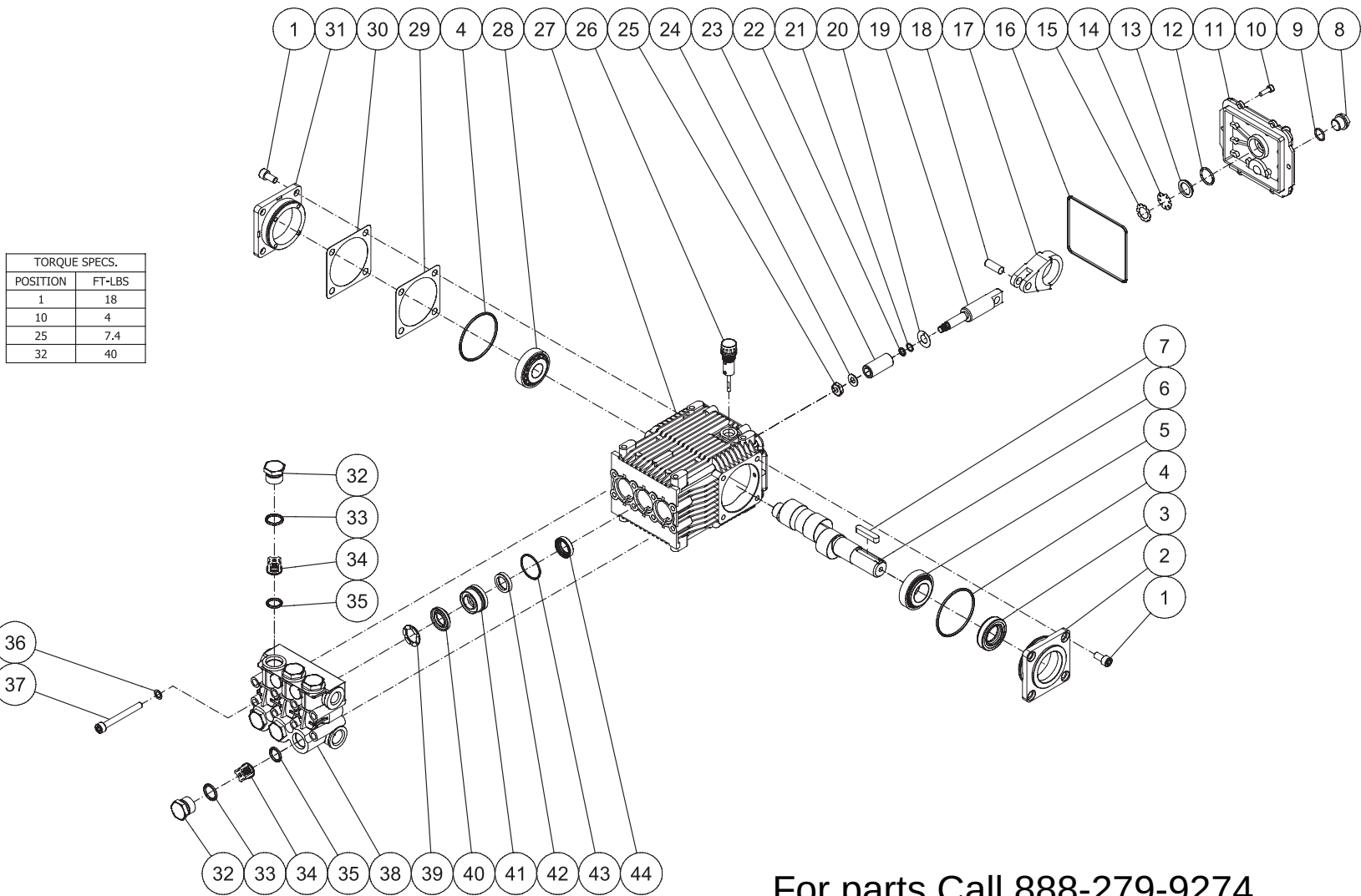


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PUMP ASSEMBLY (3-0268)

REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Screw	27-8884	8	18	Piston Pin	46-0698	3	35	O-ring	25-0386	6
2	Pump Shaft	46-0691	1	19	Plunger Rod	46-0699	3	36	Unloader	8-0533	1
3	Oil Seal	26-0188	1	20	Washer	46-0700	3	37	Lockwasher	29-0154	8
4	O-ring	25-0380	2	21	Back Ring	25-0404	3	38	Screw	27-8440	8
5	Bearing	48-0061	2	22	O-ring	25-0415	3	39	Manifold	46-1186	1
6	Crankshaft	46-1103	1	23	Piston	46-0701	3	40	Support Ring (See 70-0178)	N/A Sep.	3
7	Key	43-0091	1	24	Washer / Gasket	26-0191	3	41	V-Packing (See 70-0177)	N/A Sep.	3
8	Plug	39-0086	1	25	Nut	30-6020	3	42	Packing Retainer	46-0708	3
9	O-ring	25-0325	1	26	Oil Dipstick	39-0090	1	43	Low Pressure Seal (See 70-0177)	N/A Sep.	3
10	Screw	27-8885	6	27	Pump Crankcase	46-1198	1	44	O-ring	25-0384	3
11	Pump	46-0719	1	28	Bearing	46-0072	1	45	Oil Seal	46-0931	3
12	O-ring	25-0370	1	29	Shim - 0.2mm (Qty. vaires 1-3)	46-0705	1		High Pressure Seals Kit (Inc. 3 each 41, 43, 44)	70-0177	
13	Oil Sight Glass	46-0670	1	30	Shim - 0.1mm (Qty. vaires 1-3)	46-0704	1		Support Ring Kit (Inc. 3 each 40)	70-0178	
14	Oil Reflector	46-0824	1	31	Bearing Cap	46-0703	1		Valve Kit (Inc. 6 each 34, 35)	70-0319	
15	Spring Retainer	46-0671	1	32	Valve Cap	39-0095	6		Oil Seals Kit (Inc. 3, 4, 16, 45)	70-0321	
16	O-ring	25-0398	1	33	O-ring	25-0160	6		Piston Kit (Inc. 3 each 20-25)	70-0352	
17	Connecting Rod	46-0896	3	34	Complete Valve Assembly (See 70-0319)	N/A Sep.	6				

PUMP ASSEMBLY (3-0308)



For parts Call 888-279-9274

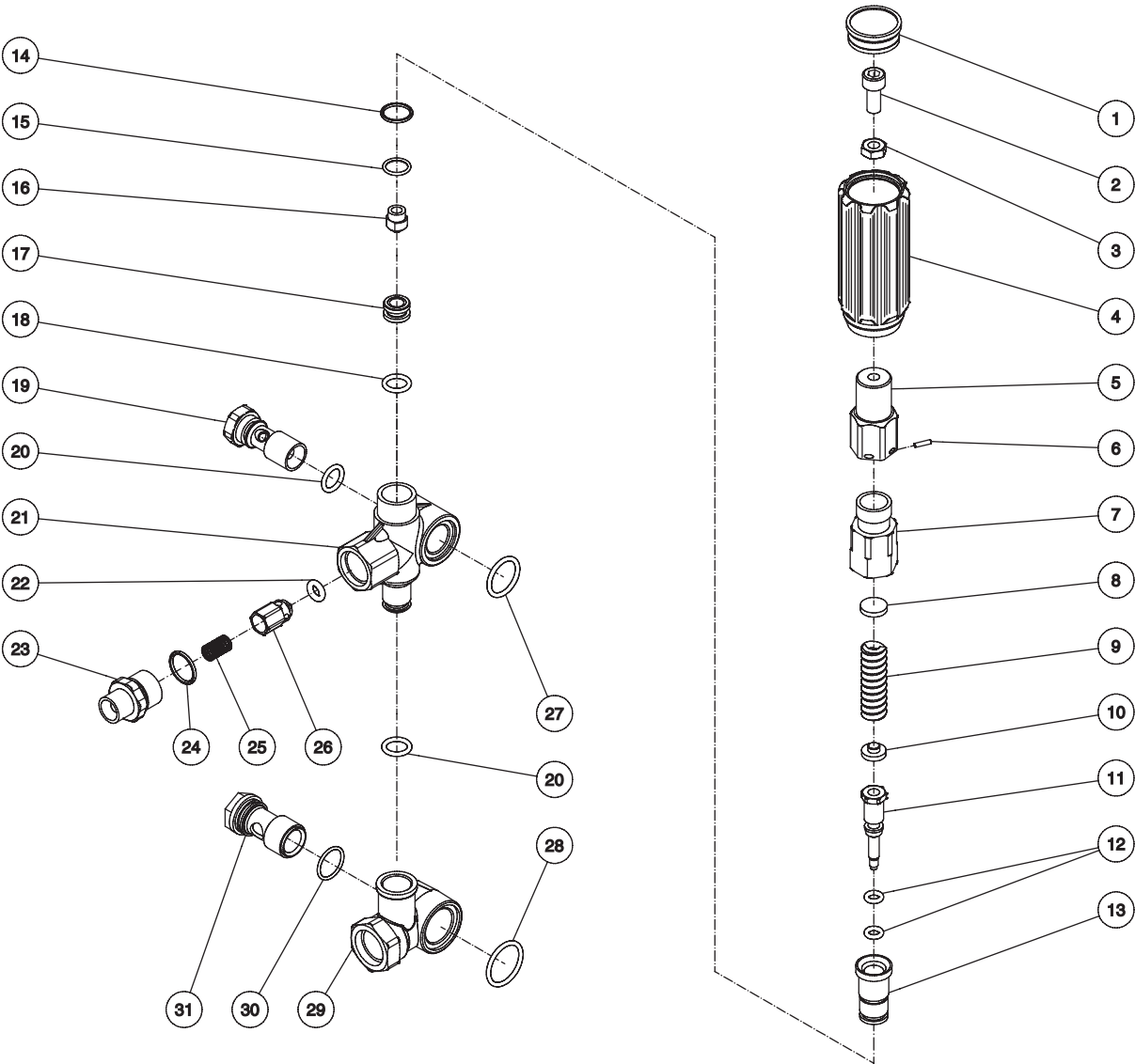
PUMP ASSEMBLY

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 (8-0533)

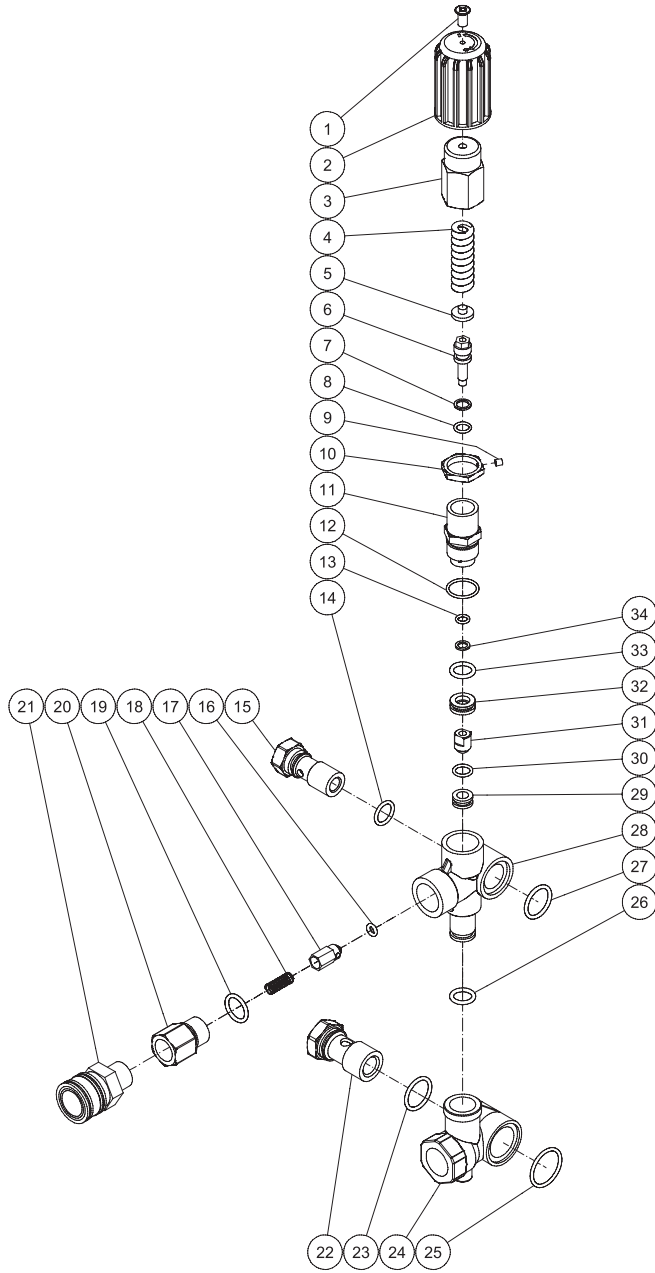


8-0533-010505-DLG

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	Adapter Nipple	24-0159	1
8	Upper Plate	8-0524	1		24	O-ring	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	

UNLOADER ASSEMBLY (8-0631)

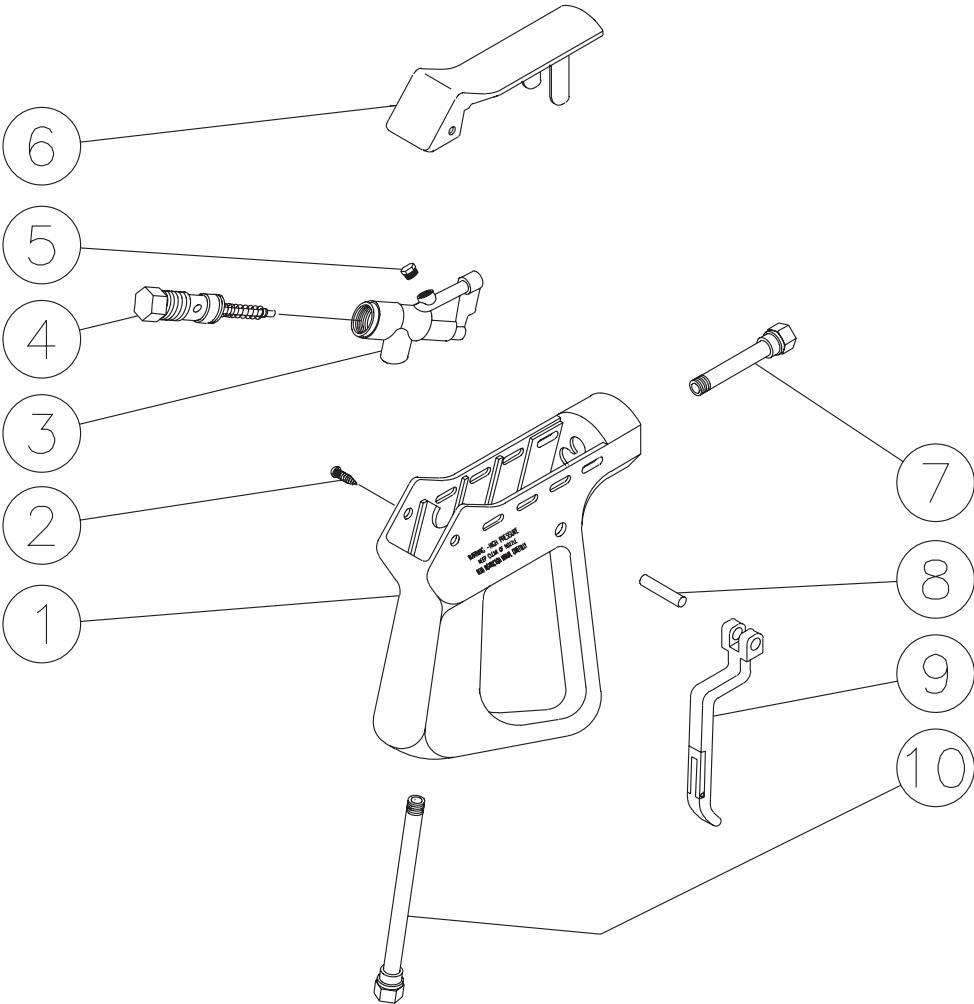


8-0631-121112 JDK

8-0631 121112 JDK			
UNLOADER ASSEMBLY			
ITEM	DESCRIPTION	PART #	QTY
1	SCREW	N/A	1
2	PLASTIC KNOB	N/A	1
3	KNOB	N/A	1
4	SPRING	N/A	1
5	SPRING SEAT	N/A	1
6	VALVE ROD	N/A	1
7	SUPPORT RING	N/A	1
8	O-RING	25-0651	1
9	SET SCREW	8-0479	1
10	JAM NUT	N/A	1
11	UNLOADER VALVE BODY	N/A	1
12	O-RING	25-0652	1
13	O-RING	25-0163	1
14	O-RING	25-0169	1
15	OUTLET BANJO BOLT	8-0594	1
16	O-RING (SEE KIT 70-0500)	SEE KIT	1
17	CHECKING VALVE	N/A	1
18	SPRING (SEE KIT 70-0500)	SEE KIT	1
19	O-RING	25-0386	1
20	OUTLET CONNECTOR	46-1389	1
21	QUICK CONNECT SOCKET	17-0007	1
22	INLET BANJO BOLT	8-0595	1
23	O-RING	25-0602	1
24	BY PASS HOUSING	N/A	1
25	O-RING	25-0654	1
26	O-RING	N/A	1
27	O-RING	25-0664	1
28	VALVE HOUSING	N/A	1
29	VALVE SEAT	N/A	1
30	O-RING	25-0656	1
31	BULLET	N/A	1
32	BY PASS JET UNLOADER	N/A	1
33	O-RING	25-0655	1
34	SUPPORT RING	N/A	1

REPLACEMENT KITS			
Mi-T-M KIT #	DESCRIPTION	ITEMS	QTY
70-0500	KIT - NON-RETURN VALVE	16, 18	1

GUN ASSEMBLY (16-0001)



16-0001-110399-RD

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

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