



TECHNICAL PARTS LIST FOR
CA-3504-0MHB
CA-3504-0MRB
CA-3504-PPHB

Engine Oil Grade:	SAE 10W-30
Engine Oil Capacity:	Honda 37 oz. Subaru 40.5
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 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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GUN ASSEMBLY (16-0001)28

SPECIFICATIONS

MODEL NUMBER	CA-3504-0MHB / PPHB	CA-3504-0MRB
Operating Pressure (PSI/Bar):	3500/241.3	
High Pressure Nozzle:	3.5	
Water Volume (GPM/lpm):	3.3/12.5	
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 (+/- 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	
Thermal Relief Valve	Relieves heated water during unloader bypass stage	
Unit Net Weight (lbs/Kg)	125/57	
Unit Shipping Weight (lbs/Kg)	175/79.5	
Unit Net Dimension (in/cm)	42.5Lx23.5Wx25H/108Lx60Wx63.5H	
Unit Shipping Dimension (in/cm)	39.5Hx25Wx31.5H/100.5Lx63.5Wx80H	

NOTES

SERIAL BREAK NUMBER:

#10168073

SERIAL BREAK EXPLANATION:

CHANGED PUMP FROM 3-0188 TO 3-0266

CHANGED UNLOADER FROM 8-0456 TO 8-0533

CHANGED LANCE FROM 16-0120A01 TO 16-0418

#10741768

07/02/13

CHANGED PUMP FROM 3-0266 TO 3-0310

CHANGED UNLOADER FROM 8-0533 TO 8-0630

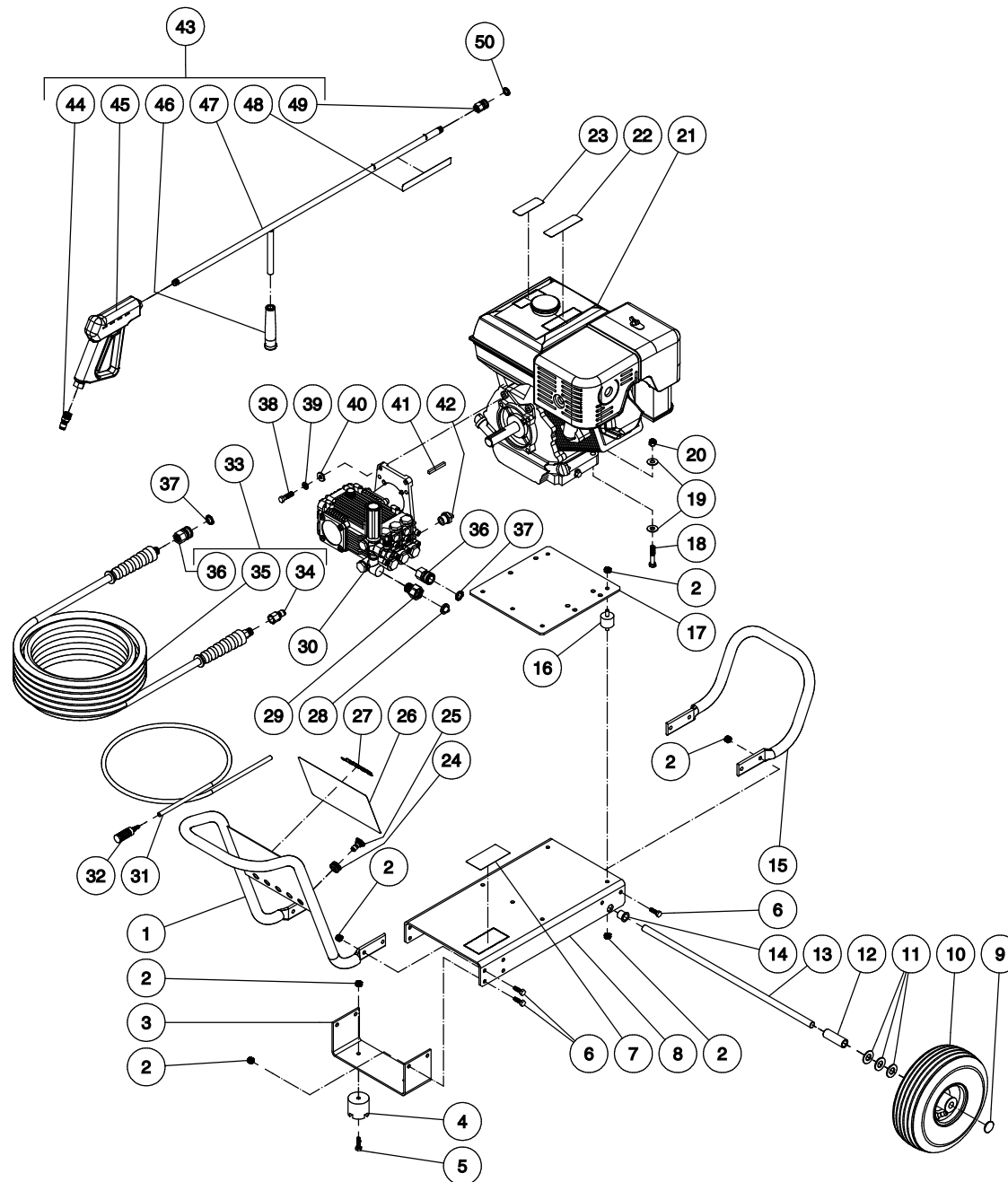
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11/12/13

CHANGED AXLE

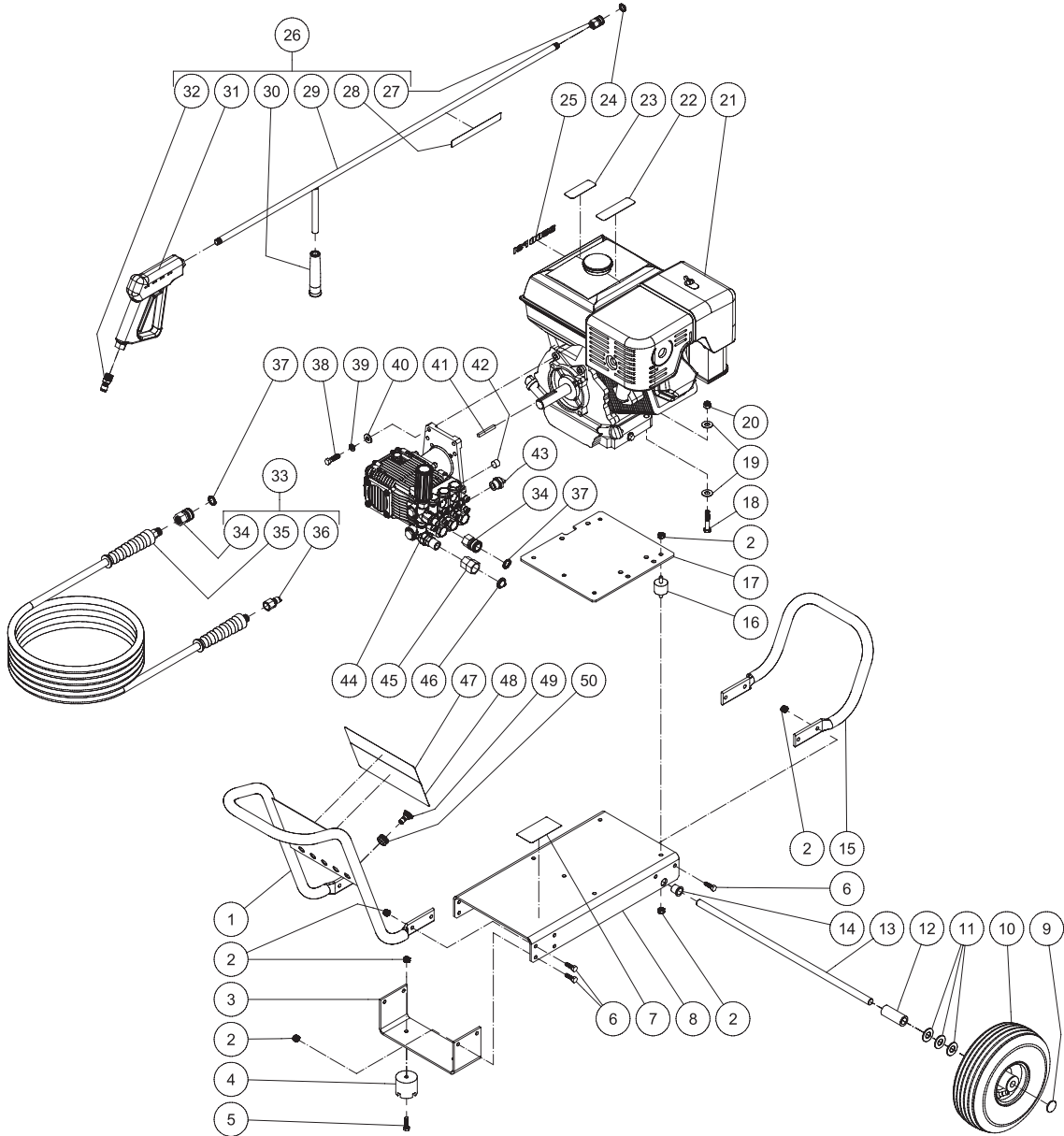
NOTES

FRAME ASSEMBLY FOR CA-3504-0MHB (BEFORE SERIAL #10168073)



FRAME ASSEMBLY FOR CA-3504-0MHB (BEFORE SERIAL #10168073)							
REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Front Handle Assembly	7-0182	1	26	Decal- Warning/Caution/Operation (See 34-9014)	N/A Sep.	1
2	Locknut	30-0157	22	27	Decal- 3500 Die Cut	34-0909	1
3	Support Bracket	56-0054	1	28	Inlet Filter Washer w/ Screen	19-0001	1
4	Isolator	14-0008	2	29	Garden Hose Swivel	23-0095	1
5	Bolt	27-0068	2	30	Pump	3-0188	1
6	Bolt	27-0067	12	31	Detergent Hose *(Four Feet Required)	15-0021	1
7	Decal- Data Plate	N/A	1	32	Strainer	19-0050	1
8	Baseplate	5-0207	1	33	Pressure Hose Assembly (Inc. 34-36)	851-0338	1
9	Hub Cap	33-0018	2	34	Quick Connect Plug	17-0006	1
10	Wheel	14-0017	2	35	Hose	15-0209	1
11	Washer	28-0008	6	36	Quick Connect Socket	17-0004	2
12	Axle Spacer	62-0189	2	37	O-ring	25-0123	2
13	Axle	20-0748	1	38	Bolt	27-0118	4
14	Bushing	62-0175	2	39	Lockwasher	29-0008	4
15	Rear Handle	7-0183	1	40	Washer	28-0022	4
16	Vibration Isolator	14-0097	4	41	Key	43-0078	1
17	Isolation Plate	56-0053	1	42	Thermal Relief Valve	22-0005	1
18	Bolt	27-0121	4	43	Gun/Wand Assembly (Inc. 44-49)	851-0095	1
19	Flatwasher	28-0023	8	44	Quick Connect Plug	17-0005	1
20	Locknut	30-0159	4	45	Trigger Gun	16-0001	1
21	Engine- 13.0 HP Honda	1-0086	1	46	Wand Grip	7-0002	1
22	Decal- Warning: Risk of Burns (See 34-9014)	N/A Sep.	1	47	Wand w/Handle	16-0120A01	1
23	Decal- Caution: Risk of Fire (See 34-9014)	N/A Sep.	1	48	Decal- Warning: Risk of Injection (See 34-9014)	N/A Sep.	1
24	Grommet	33-0001	5	49	Quick Connect Socket	17-0001	1
25	Nozzle- 0003.5	18-0257	1	50	O-ring	25-0122	1
-	Nozzle- 1503.5	18-0258	1		Decal Kit (Inc. 22-23, 26, 48)	34-9014	
-	Nozzle- 2503.5	18-0259	1	*Must Order in One Foot Lengths			
-	Nozzle- 6540	18-0148	1				

FRAME ASSEMBLY FOR CA-3504-0MHB (AFTER SERIAL #10168073)

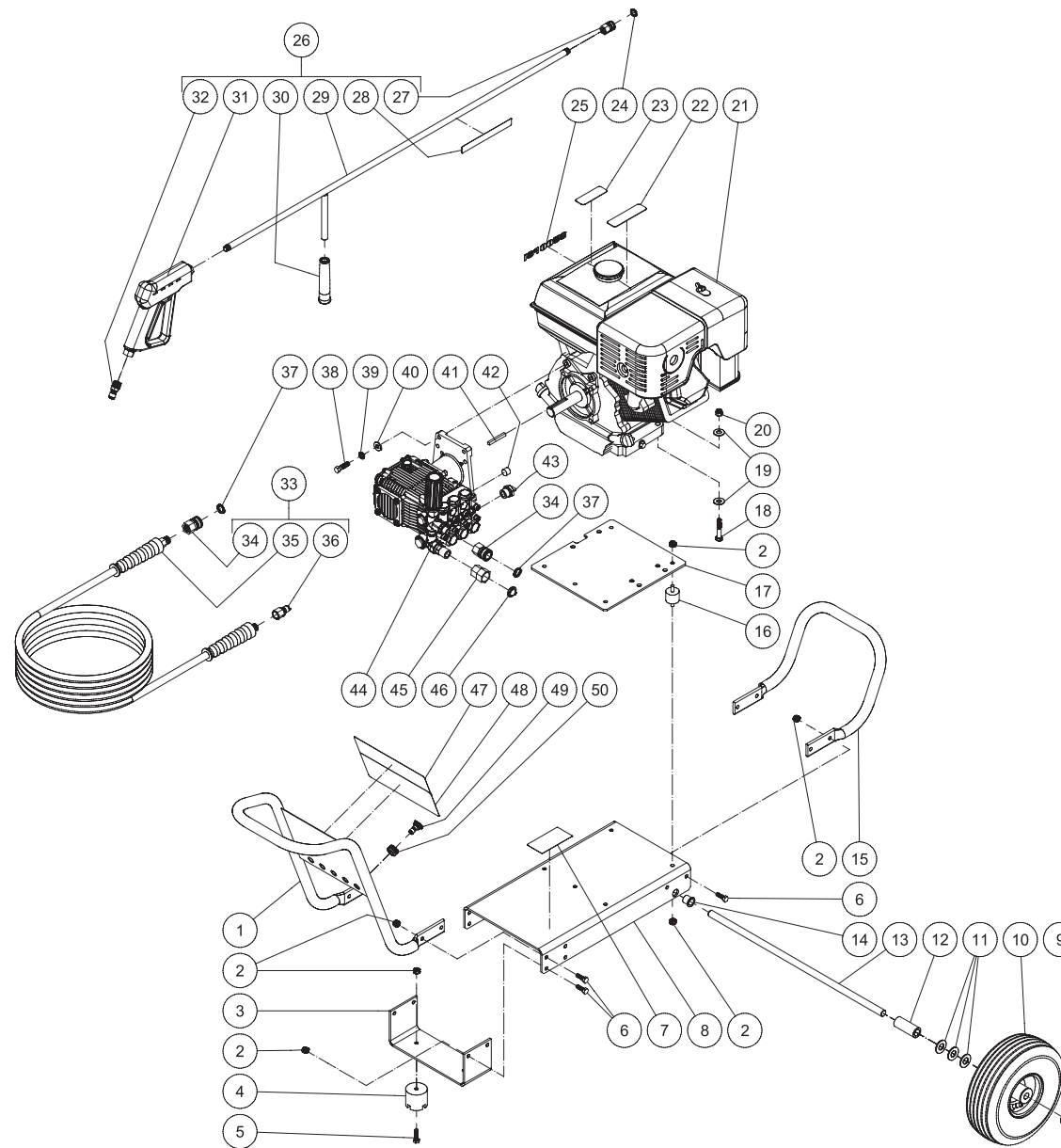


CA-3504-0MHB-040912-MLK

FRAME ASSEMBLY

ITEM	DESCRIPTION	PART #	QTY	ITEM	DESCRIPTION	PART #	QTY
1	HANDLE	7-0182	1	27	QUICK CONNECT	17-0001	1
2	LOCKNUT	30-0157	22	28	DECAL - RISK OF INJECTION (SEE 71-0065)	N/A	1
3	BRACKET	56-0054	1	29	WAND	16-0439	1
4	ISOLATOR	14-0008	2	30	GRIP	7-0002	1
5	BOLT	27-0068	2	31	GUN	16-0001	1
6	BOLT	27-0067	12	32	QUICK CONNECT	17-0005	1
7	DECAL- SILVER STICKER	N/A	1	33	HOSE 3/8"x50' 4000 PSI R1 GRAY (34-36)	851-0338	1
8	BASEPLATE	5-0207	1	34	QC SOCKET	17-0004	2
9	CAP	33-0018	2	35	HOSE	15-0209	1
10	WHEEL	14-0017	2	36	QUICK CONNECT	17-0006	1
11	WASHER	28-0008	7	37	O-RING	25-0123	2
12	SPACER	62-0189	2	38	BOLT	27-0118	4
13	AXLE	20-0748	1	39	LOCKWASHER	29-0008	4
14	BUSHING	62-0175	2	40	WASHER	28-0022	4
15	HANDLE	7-0183	1	41	KEY	43-0078	1
16	ISOLATOR	14-0097	4	42	PLUG	23-0244	1
17	ISOLATION PLATE	56-0053	1	43	RELIEF VALVE	22-0005	1
18	BOLT	27-0121	4	44	PUMP	3-0266	1
19	WASHER	28-0023	8	45	SWIVEL	23-0001	1
20	LOCKNUT	30-0159	4	46	FILTER	19-0001	1
21	ENGINE - HONDA (0MHB)	1-0086	1	47	DECAL - MI-T-M PLACARD	34-2150	1
-	ENGINE - ROBIN (0MRB)	1-0176	1	48	DECAL - WARNING/CAUTION/OPERATION (SEE 71-0065)	N/A	1
22	DECAL - RISK OF BURNS (SEE 71-0065)	N/A	1	49	NOZZLE	18-0392	1
23	DECAL - RISK OF FIRE (SEE 71-0065)	N/A	1	-	NOZZLE 15035 SAQ MEG	18-0393	1
24	O-RING	25-0122	1	-	NOZZLE 25035 SAQ MEG	18-0395	1
25	DECAL - DIE CUT	34-2215	1	50	GROMMET	33-0001	5
26	GUN/WAND ASSEMBLY (27-32)	851-0371	1	-	DECAL SET	71-0065	1

FRAME ASSEMBLY FOR CA-3504-0MHB_PPHB / CA-3504-0MRB (AFTER SERIAL #10534499)

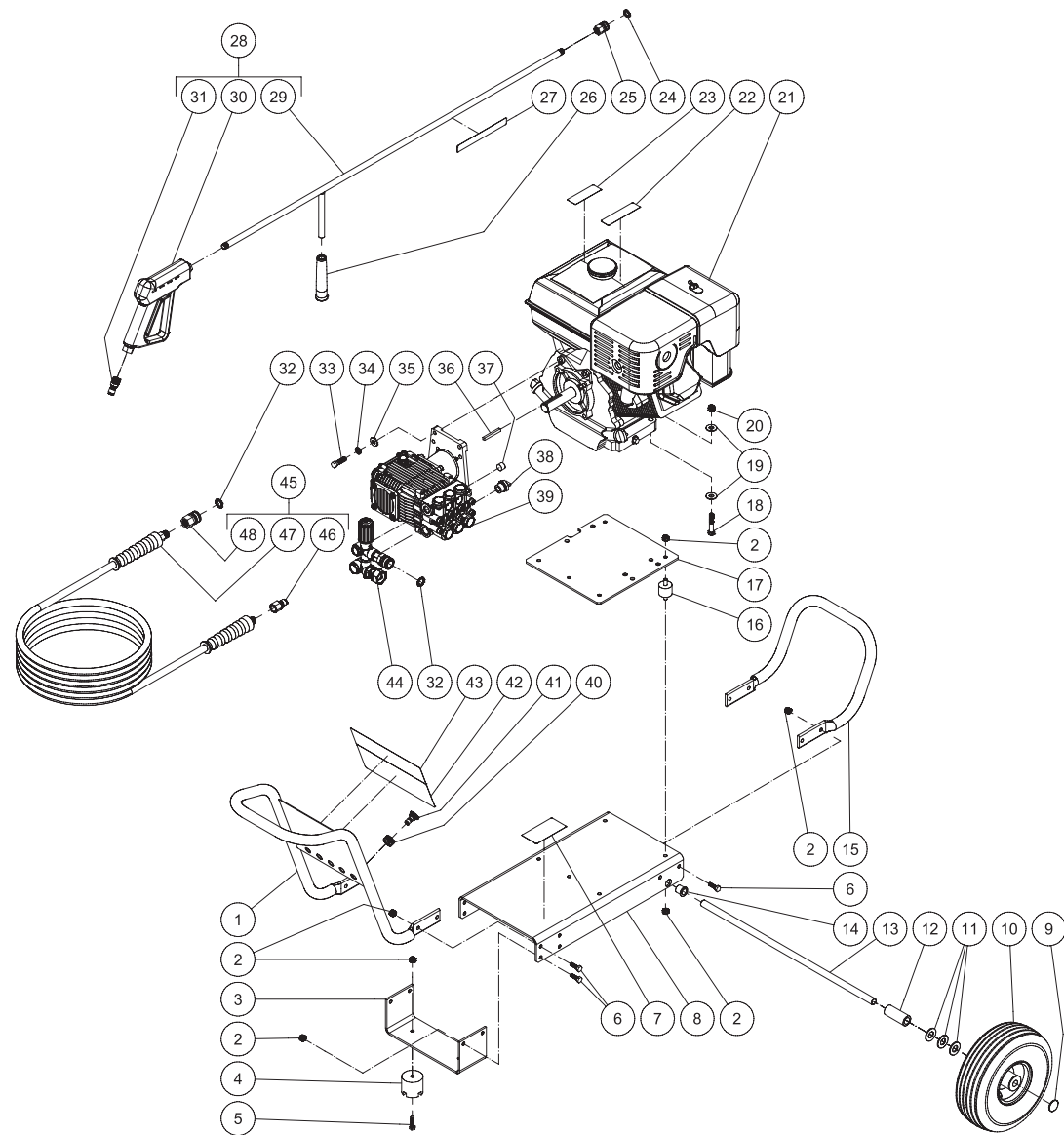


CA-3504-0MHB-040912-MLK

FRAME ASSEMBLY

ITEM	DESCRIPTION	PART #	QTY		ITEM	DESCRIPTION	PART #	QTY
1	HANDLE	7-0182	1		27	QUICK CONNECT	17-0001	1
2	LOCKNUT	30-0157	22		28	DECAL - RISK OF INJECTION (SEE 71-0065)	N/A	1
3	BRACKET	56-0054	1		29	WAND	16-0439	1
4	ISOLATOR	14-0008	2		30	GRIP	7-0002	1
5	BOLT	27-0068	2		31	GUN	16-0001	1
6	BOLT	27-0067	12		32	QUICK CONNECT	17-0005	1
7	DECAL- SILVER STICKER	N/A	1		33	HOSE 3/8"x50' 4000 PSI R1 GRAY (34-36)	851-0338	1
8	BASEPLATE	5-0207	1		34	QC SOCKET	17-0004	2
9	CAP	33-0018	2		35	HOSE	15-0209	1
10	WHEEL	14-0017	2		36	QUICK CONNECT	17-0006	1
11	WASHER	28-0008	7		37	O-RING	25-0123	2
12	SPACER	62-0189	2		38	BOLT	27-0118	4
13	AXLE	20-0748	1		39	LOCKWASHER	29-0008	4
14	BUSHING	62-0175	2		40	WASHER	28-0022	4
15	HANDLE	7-0183	1		41	KEY	43-0078	1
16	ISOLATOR	14-0097	4		42	PLUG	23-0244	1
17	ISOLATION PLATE	56-0053	1		43	RELIEF VALVE	22-0005	1
18	BOLT	27-0121	4		44	PUMP	3-0266	1
19	WASHER	28-0023	8		45	SWIVEL	23-0001	1
20	LOCKNUT	30-0159	4		46	FILTER	19-0001	1
21	ENGINE - HONDA (0MHB, PPHB)	1-0086	1		47	DECAL - MI-T-M PLACARD	34-2150	1
-	ENGINE - ROBIN (0MRB)	1-0176	1		48	DECAL - WARNING/CAUTION/OPERATION (SEE 71-0065)	N/A	1
22	DECAL - RISK OF BURNS (SEE 71-0065)	N/A	1		49	NOZZLE	18-0392	1
23	DECAL - RISK OF FIRE (SEE 71-0065)	N/A	1		-	NOZZLE 15035 SAQ MEG	18-0393	1
24	O-RING	25-0122	1		-	NOZZLE 25035 SAQ MEG	18-0395	1
25	DECAL - DIE CUT	34-2215	1		50	GROMMET	33-0001	5
26	GUN/WAND ASSEMBLY (27-32)	851-0371	1		-	DECAL SET	71-0065	1

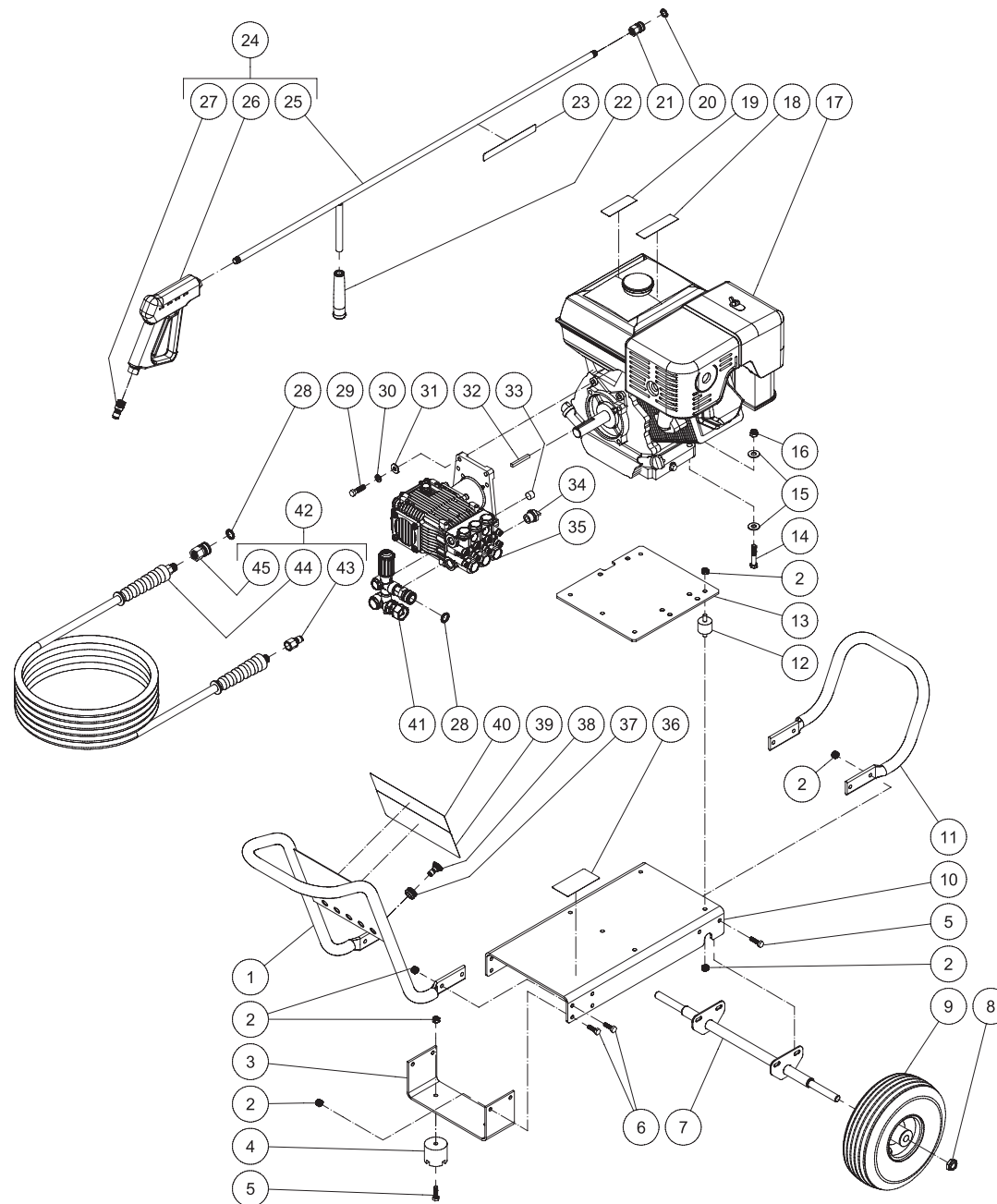
FRAME ASSEMBLY FOR CA-3504-0MHB_PPHB / CA-3504-0MRB (AFTER SERIAL #10741768)



FRAME ASSEMBLY

ITEM	DESCRIPTION	PART #	QTY		ITEM	DESCRIPTION	PART #	QTY
1	HANDLE	7-0182	1		26	GRIP	7-0002	1
2	LOCKNUT	30-0157	22		27	DECAL - RISK OF INJECTION (SEE 71-0065)	N/A	1
3	BRACKET	56-0054	1		28	GUN/WAND ASSEMBLY (29-31)	851-0371	1
4	ISOLATOR	14-0008	2		29	WAND (INC GRIP & QC)	16-0439	1
5	BOLT	27-0068	2		30	GUN	16-0001	1
6	BOLT	27-0067	12		31	QUICK CONNECT	17-0005	1
7	DECAL- SILVER STICKER	N/A	1		32	O-RING	25-0123	2
8	BASEPLATE	5-0207	1		33	BOLT	27-0118	4
9	CAP	33-0018	2		34	LOCKWASHER	29-0008	4
10	WHEEL	14-0130	2		35	WASHER	28-0022	4
11	WASHER	28-0008	7		36	KEY	43-0078	1
12	SPACER	62-0189	2		37	PLUG	23-0244	1
13	AXLE	20-0748	1		38	RELIEF VALVE	22-0005	1
14	BUSHING	62-0175	2		39	PUMP	3-0310	1
15	HANDLE	7-0183	1		40	GROMMET	33-0001	5
16	ISOLATOR	14-0097	4		41	NOZZLE	18-0392	1
17	ISOLATION PLATE	56-0053	1		-	NOZZLE 15035 QC	18-0393	1
18	BOLT	27-0121	4		-	NOZZLE 25035 QC	18-0395	1
19	WASHER	28-0023	8		42	DECAL - WARNING/CAUTION/OPERATION (SEE 71-0065)	N/A	1
20	LOCKNUT	30-0159	4		43	DECAL	N/A	1
21	ENGINE - HONDA	1-0086	1		44	UNLOADER ASSY WITHOUT CHEM INJ	8-0630	1
-	ENGINE - SUBARU	1-0176	1		45	HOSE 3/8"x50' 4000 PSI R1 GRAY (46-48)	851-0338	1
22	DECAL - RISK OF BURNS (SEE 71-0065)	N/A	1		46	QUICK CONNECT	17-0006	1
23	DECAL - RISK OF FIRE (SEE 71-0065)	N/A	1		47	HOSE	15-0209	1
24	O-RING	25-0122	1		48	QC SOCKET	17-0004	1
25	QUICK CONNECT	17-0001	1		-	DECAL SET	71-0065	1

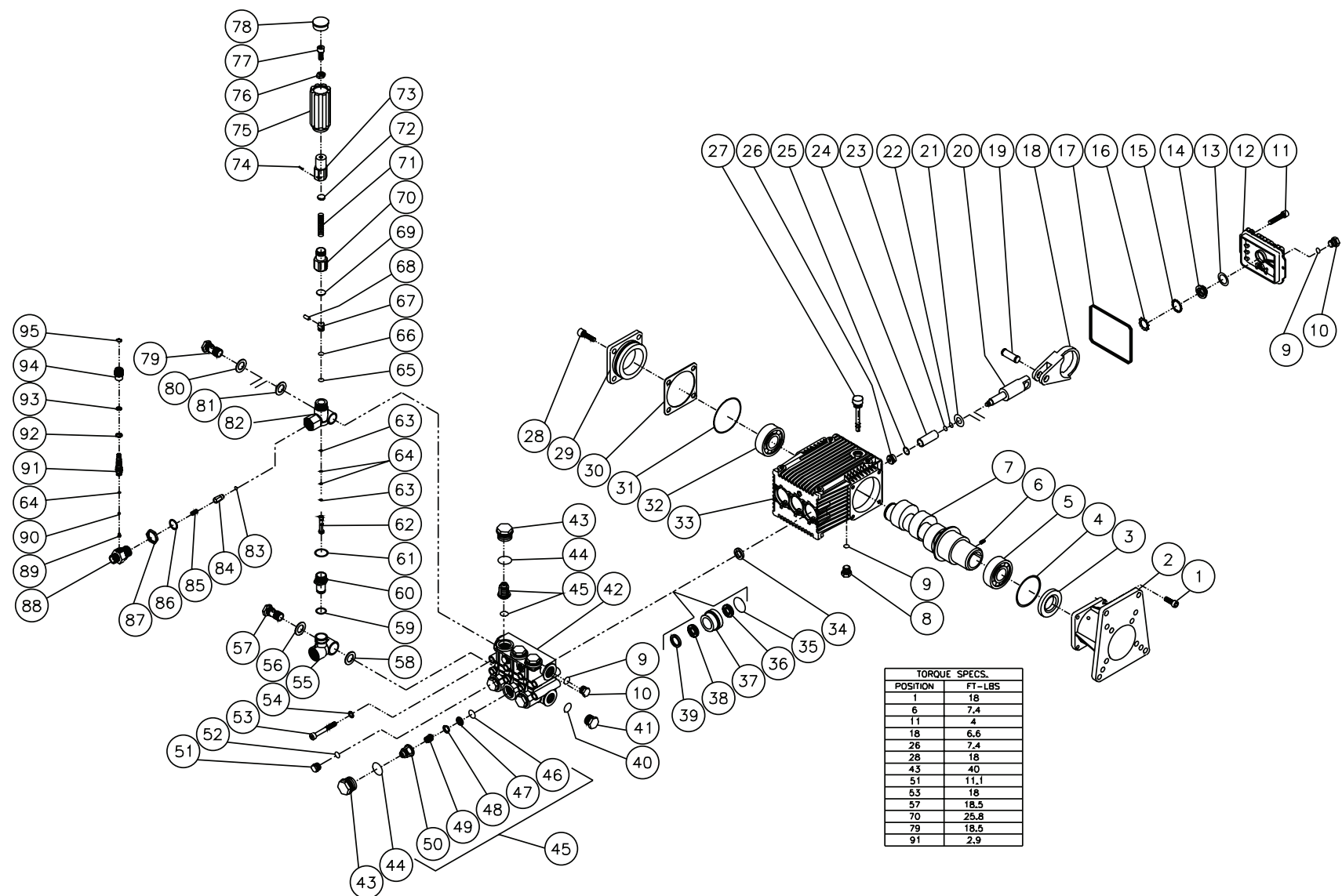
FRAME ASSEMBLY FOR CA-3504-0MHB_PPHB / CA-3504-0MRB (AFTER SERIAL #10754656)



FRAME ASSEMBLY

ITEM	DESCRIPTION	PART #	QTY	ITEM	DESCRIPTION	PART #	QTY
1	HANDLE	7-0182	1	25	WAND (INC GRIP & QC)	16-0439	1
2	LOCKNUT	30-0157	22	26	GUN	16-0001	1
3	BRACKET	56-0054	1	27	QUICK CONNECT	17-0005	1
4	ISOLATOR	14-0008	2	28	O-RING	25-0123	2
5	BOLT	27-0068	6	29	BOLT	27-0118	4
6	BOLT	27-0067	8	30	LOCKWASHER	29-0008	4
7	AXLE	13-0230A53	1	31	WASHER	28-0022	4
8	LOCKNUT	30-0117	2	32	KEY	43-0078	1
9	WHEEL	14-0130	2	33	PLUG	23-0244	1
10	BASEPLATE	5-0207	1	34	RELIEF VALVE	22-0005	1
11	HANDLE	7-0183	1	35	PUMP	3-0310	1
12	ISOLATOR	14-0097	4	36	DECAL- SILVER STICKER	N/A	1
13	ISOLATION PLATE	56-0053	1	37	GROMMET	33-0001	5
14	BOLT	27-0121	4	38	NOZZLE	18-0392	1
15	WASHER	28-0023	8	-	NOZZLE	18-0393	1
16	LOCKNUT	30-0159	4	-	NOZZLE	18-0395	1
17	ENGINE - HONDA	1-0086	1	39	DECAL - WARNING/CAUTION/OPERATION (SEE 71-0065)	N/A	1
-	ENGINE - ROBIN	1-0176	1	40	DECAL	N/A	1
18	DECAL - RISK OF BURNS (SEE 71-0065)	N/A	1	41	UNLOADER ASSY WITHOUT CHEM INJ	8-0630	1
19	DECAL - RISK OF FIRE (SEE 71-0065)	N/A	1	42	PRESSURE HOSE ASSEMBLY (43-45)	851-0338	1
20	O-RING	25-0122	1	43	QUICK CONNECT	17-0006	1
21	QUICK CONNECT	17-0001	1	44	HOSE	15-0209	1
22	GRIP	7-0002	1	45	QC SOCKET	17-0004	1
23	DECAL - RISK OF INJECTION (SEE 71-0065)	N/A	1	-	DECAL SET	71-0065	1
24	GUN/WAND ASSEMBLY (25-27)	851-0371	1				

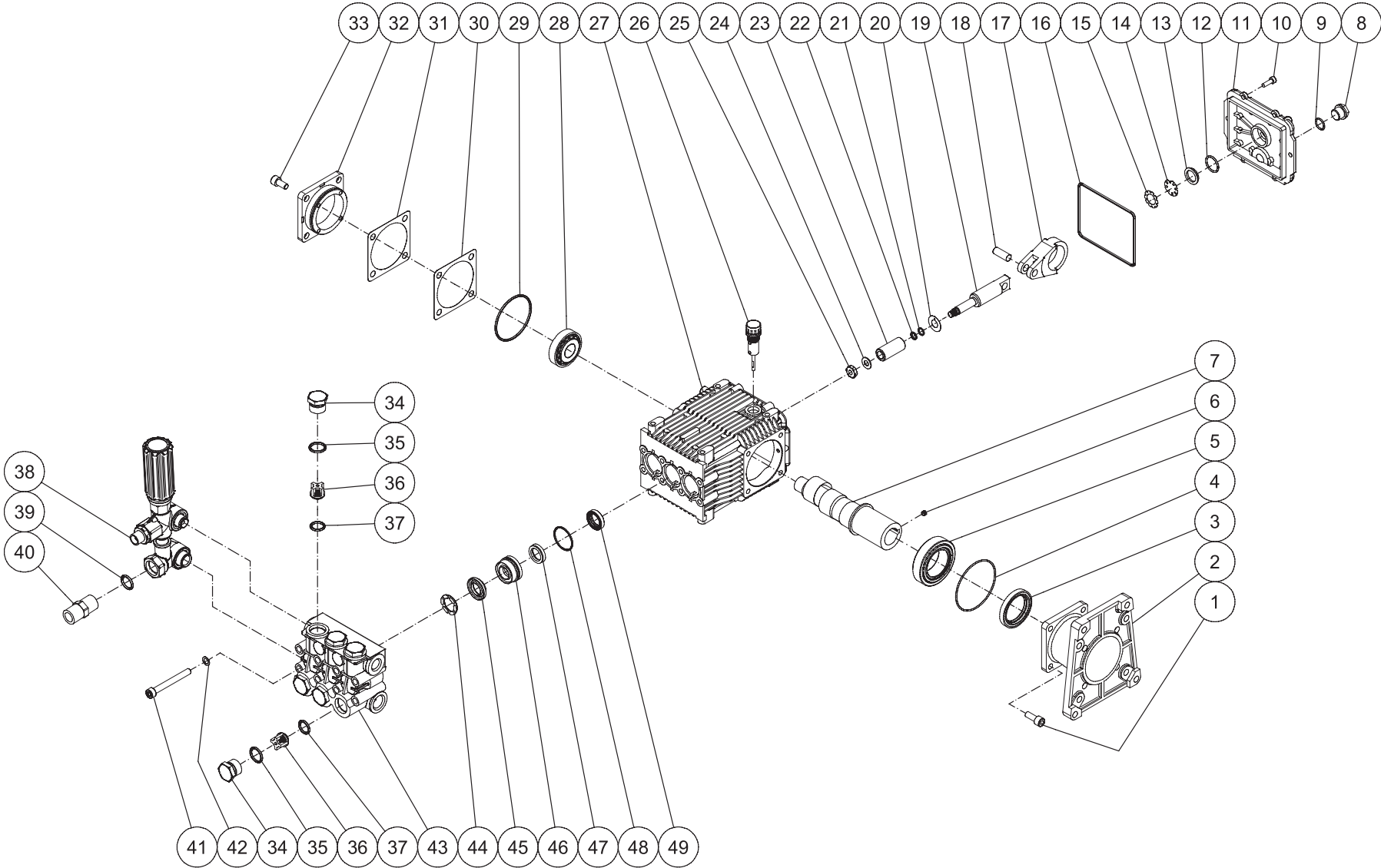
PUMP ASSEMBLY (3-0188)



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	1
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 Valve	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 (3-0266)



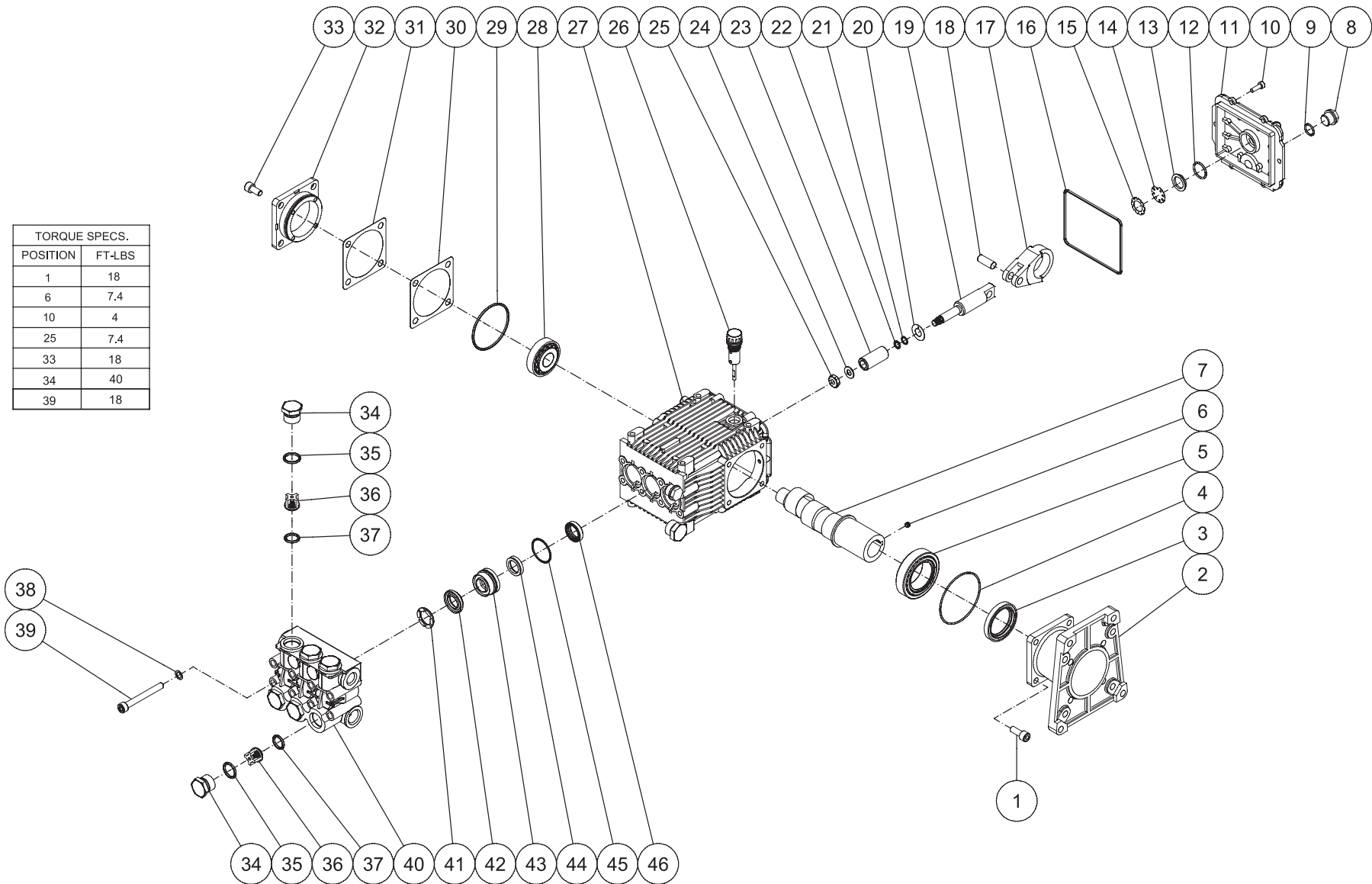
3-0266-022412-MLK

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



3-0310-061913-RAG

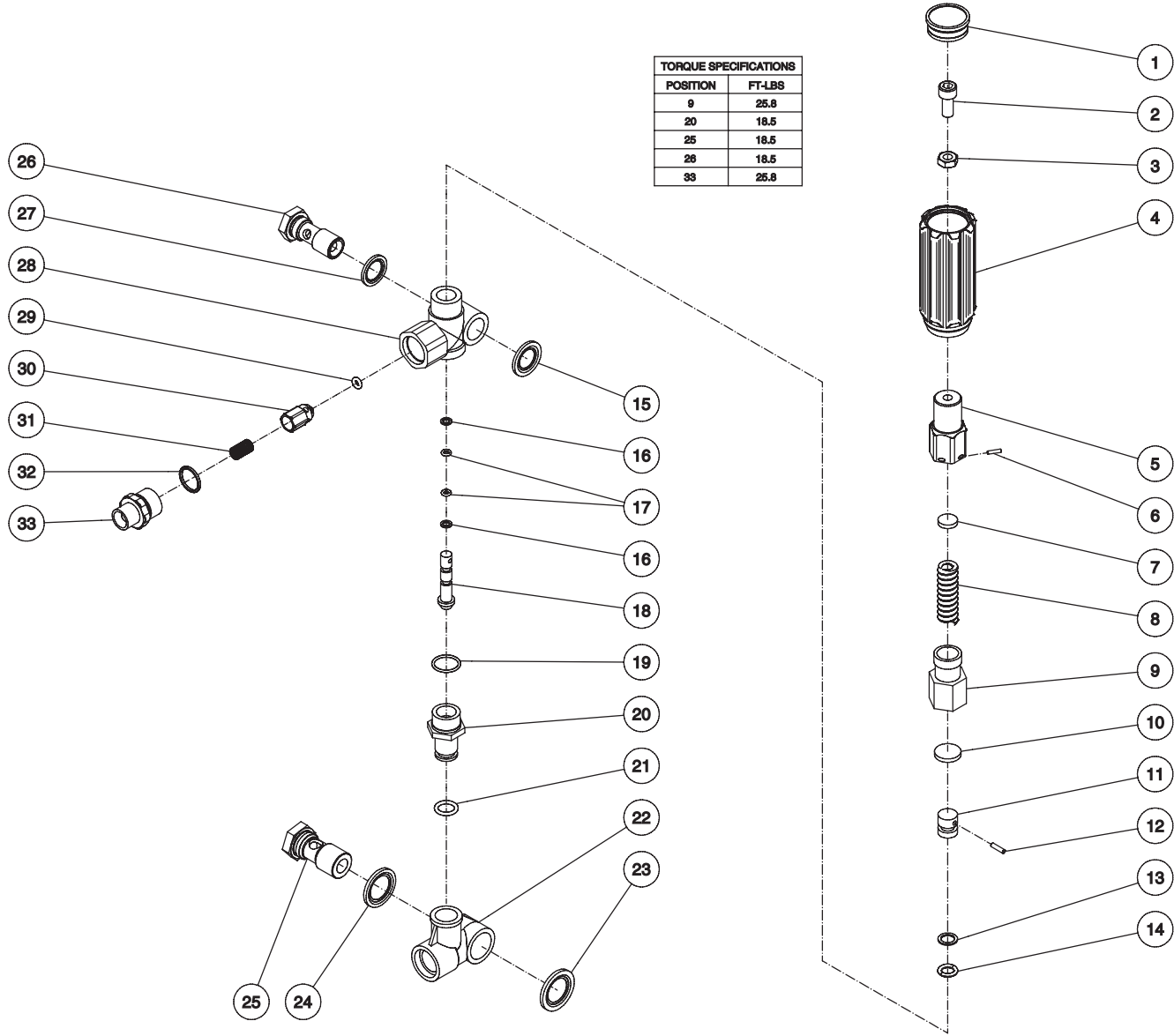
PUMP ASSEMBLY

ITEM	DESCRIPTION	Mi-T-M #	QTY	ITEM	DESCRIPTION	Mi-T-M #	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

Mi-T-M 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 (8-0456)

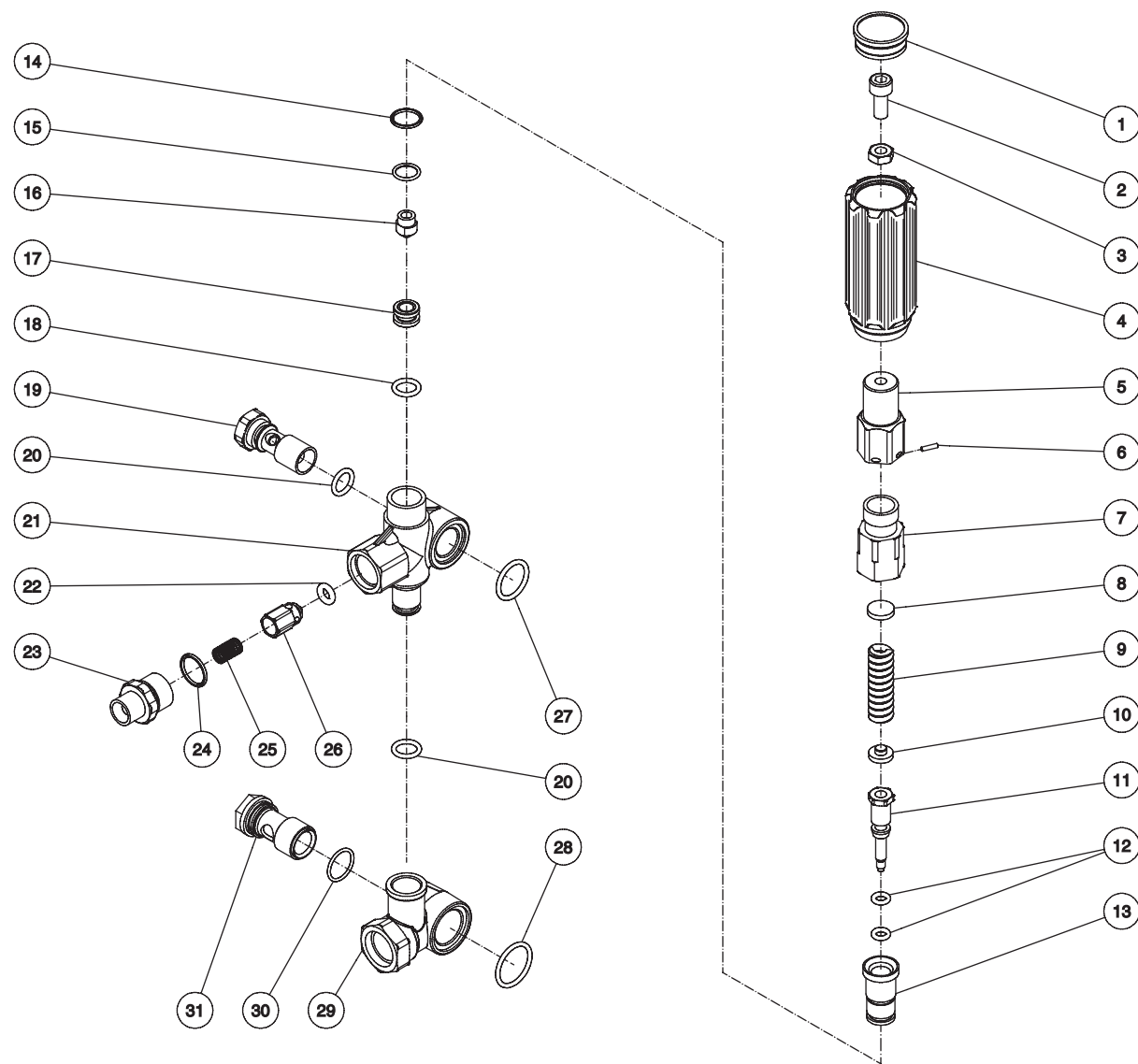


8-0456-102004-JJF

UNLOADER ASSEMBLY (8-0456)

REF. #	DESCRIPTION	PART #	QTY.		REF. #	DESCRIPTION	PART #	QTY.
1	Unloader Cap	7-0142	1		18	Piston	8-0442	1
2	Bolt	27-8433	1		19	O-ring	25-0389	1
3	Nut	30-3025	1		20	Nipple	8-0441	1
4	Unloader Knob	7-0141	1		21	O-ring	25-0388	1
5	Adjustment Barrel	8-0476	1		22	Inlet Bypass Adapter	8-0437	1
6	Pin	8-0477	1		23	Washer	8-0439	1
7	Spring Button	8-0475	1		24	Washer	8-0440	1
8	Spring	49-0132	1		25	Adapter	8-0438	1
9	Spring Guide	8-0474	1		26	Adapter	8-0448	1
10	Spring Button	8-0445	1		27	Washer	8-0449	1
11	Poppet	8-0443	1		28	Unloader Body	8-0451	1
12	Pin	8-0444	1		29	O-ring	25-0391	1
13	Back-up Ring	25-0396	1		30	Check Valve	8-0454	1
14	O-ring	25-0390	1		31	Check Valve Spring	49-0123	1
15	Washer	8-0450	1		32	O-ring	25-0372	1
16	Back-up Ring	25-0395	2		33	Adapter Nipple	24-0159	1
17	O-ring	25-0371	2			Unloader Repair Kit (Inc. 13, 14, 16, 17, 19, 21, 29)	70-0180	

UNLOADER ASSEMBLY (8-0533)

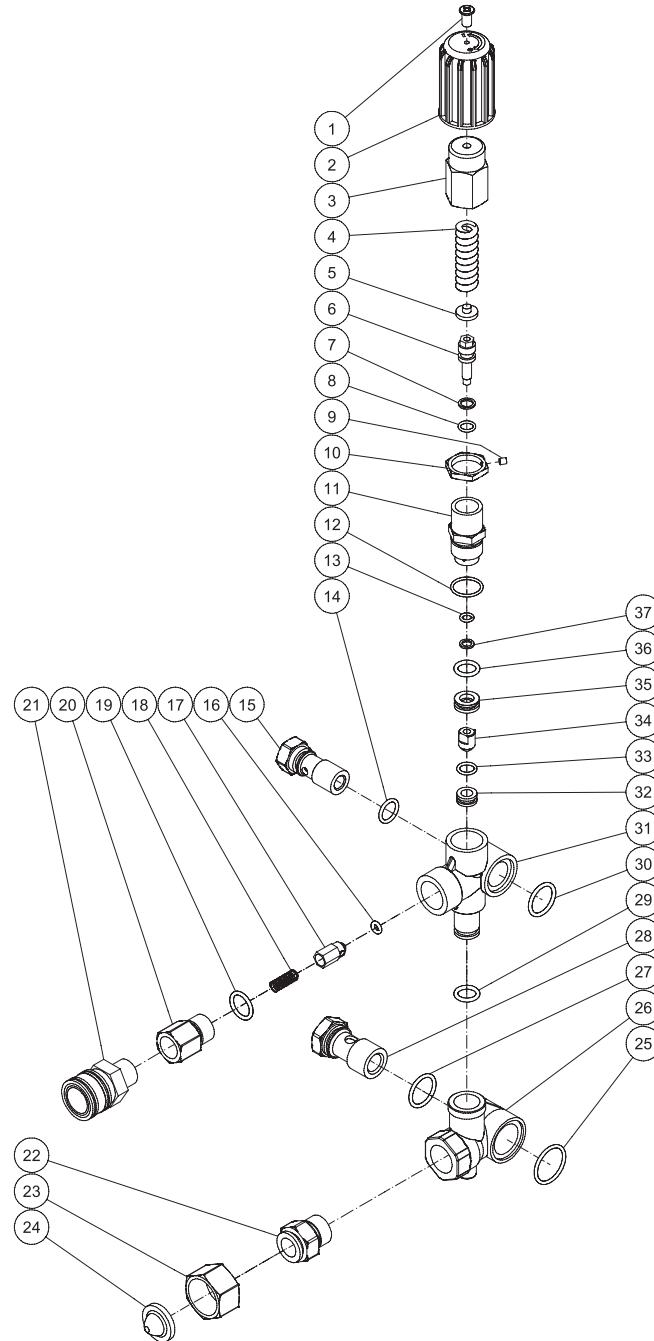


8-0533-102104-JJF

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	

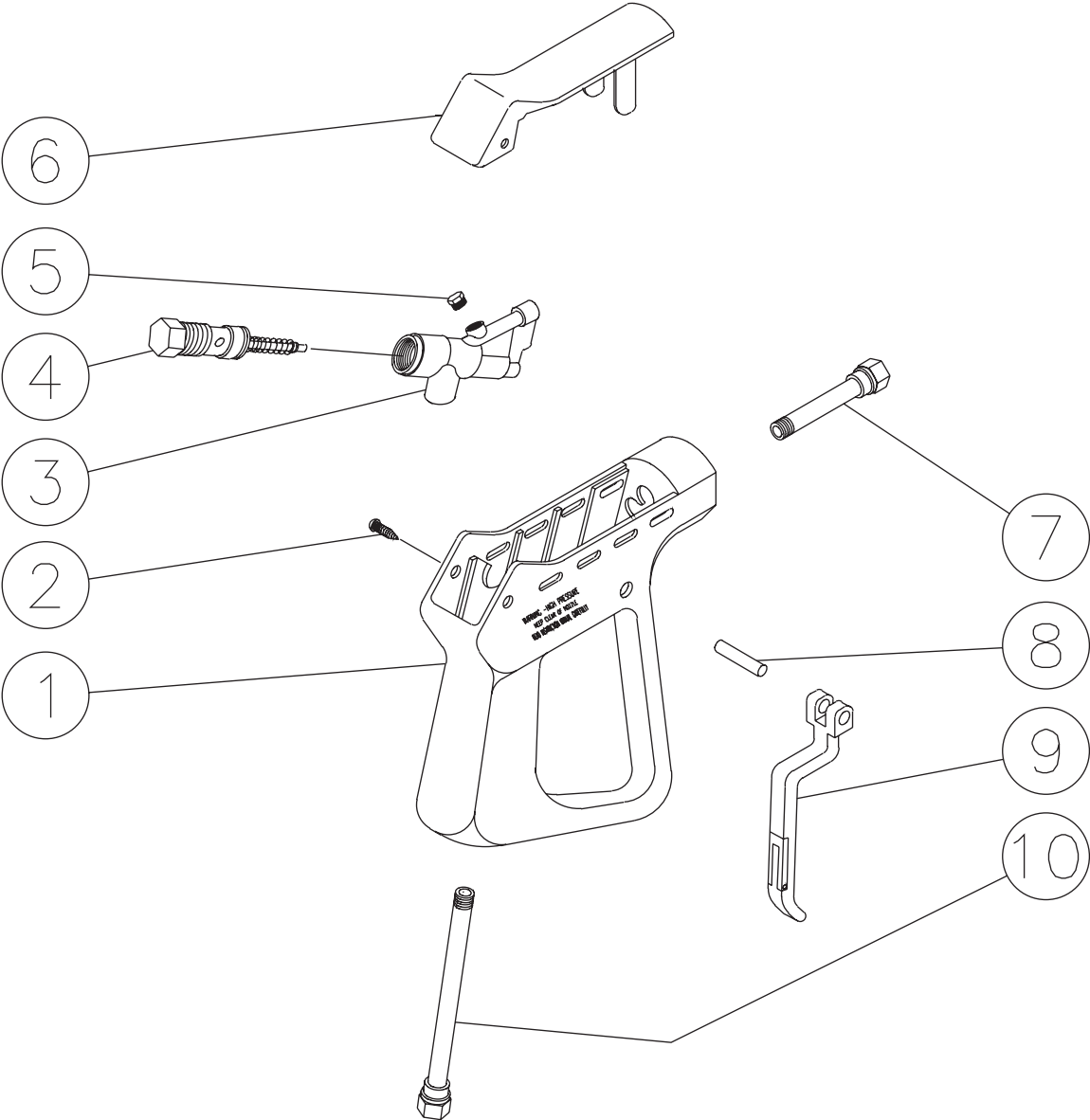
UNLOADER ASSEMBLY (8-0630)



8-0630 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)	25-0653	1
17	CHECKING VALVE (SEE KIT 70-0500)	SEE KIT	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 CONNECTOR (SEE KIT 23-0095)	SEE KIT	1
23	SWIVEL NUT (SEE KIT 23-0095)	SEE KIT	1
24	FILTER (SEE KIT 23-0095)	19-0001	1
25	O-RING	25-0654	1
26	BY PASS HOUSING	N/A	1
27	O-RING	25-0602	1
28	INLET BANJO BOLT	8-0595	1
29	O-RING	N/A	1
30	O-RING	25-0664	1
31	VALVE HOUSING	N/A	1
32	VALVE SEAT	N/A	1
33	O-RING	25-0656	1
34	BULLET	N/A	1
35	BY PASS JET UNLOADER	N/A	1
36	O-RING	25-0655	1
37	SUPPORT RING	N/A	1

REPLACEMENT KITS			
MI-T-M KIT #	DESCRIPTION	ITEMS	# OF ASSEMBLIES
23-0095	KIT - GARDEN HOSE INLET ASSY	22-24	1
70-0500	KIT - NON-RETURN VALVES	16-18	1

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

