

Mi-T-M[®] CORPORATION

8650 Enterprise Drive, Peosta IA 52068

563-556-7484 / Fax 563-556-1235

www.mitm.com

TECHNICAL PARTS LIST FOR ***CA-3304-0MHB***

Engine Oil Grade:
Engine Oil Capacity:
Pump Oil Grade:
Pump Oil Capacity:
Nozzle Size:

SAE 10W-30
37 oz.
Mi-T-M Pump Oil #AW-4085-0016
18.5 oz.
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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SPECIFICATIONS

MODEL NUMBER	CA-3304-0MHB
Operating Pressure (PSI/Bar):	3300/227.5
High Pressure Nozzle:	3.5
Water Volume (GPM/lpm):	3.3/12.5
Engine:	Honda
Horsepower	11.0
Engine Type	4 Stroke, Overhead Valve, Single Cylinder
Oil Type	SAE 10W-30
Oil Capacity (oz./liters)	37/1.1
Low Oil Protection	Oil Alert™
Fuel Type	Unleaded Gasoline 86 Octane Minimum
Fuel Capacity (gallon/ liters)	1.7/6.5
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 / .55
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:

#10173072

SERIAL BREAK EXPLANATION:

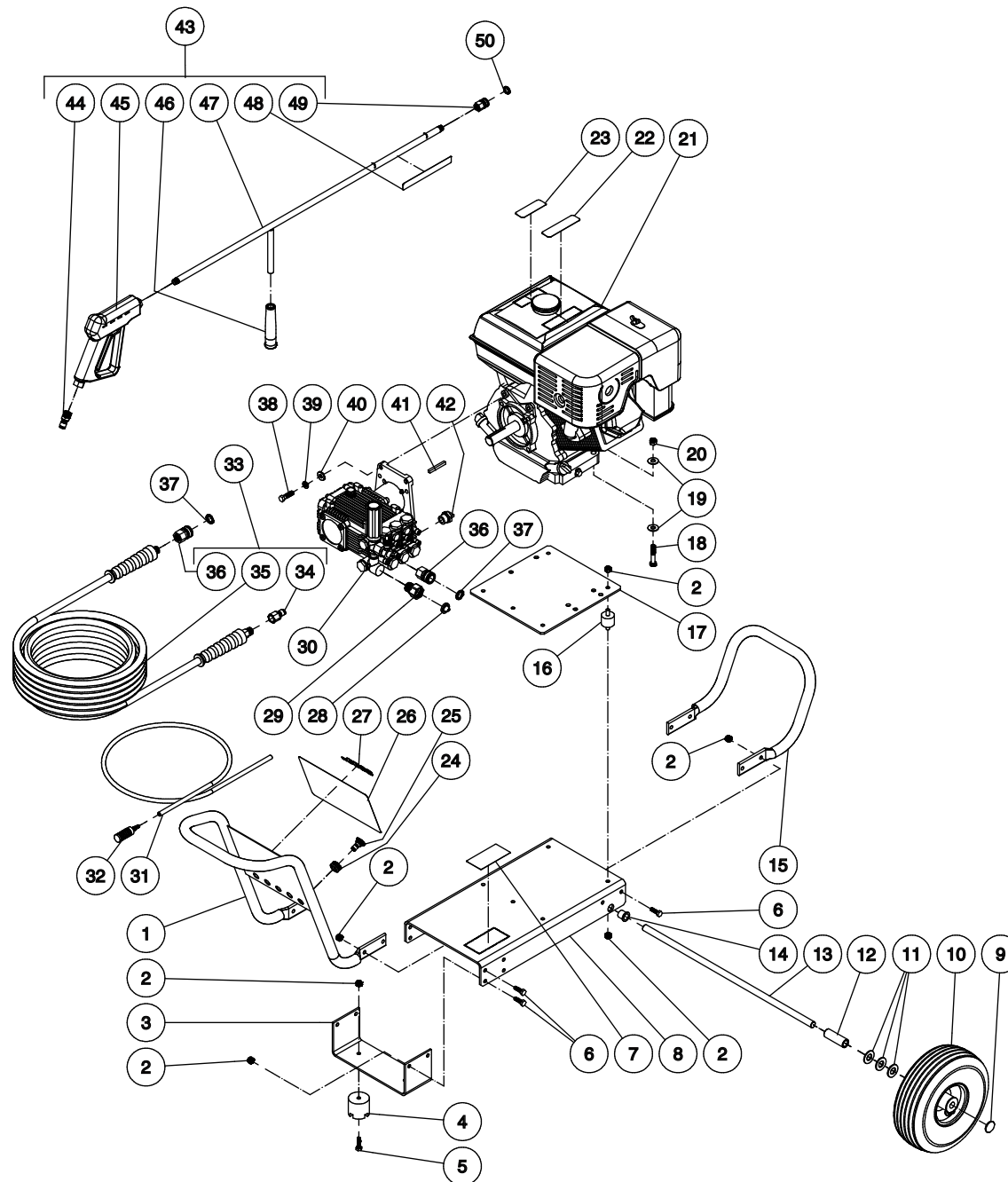
CHANGED PUMP FROM 3-0148 TO 3-0266

CHANGED UNLOADER FROM 8-0456 TO 8-0533

CHANGED LANCE FROM 16-0120A01 TO 16-0418

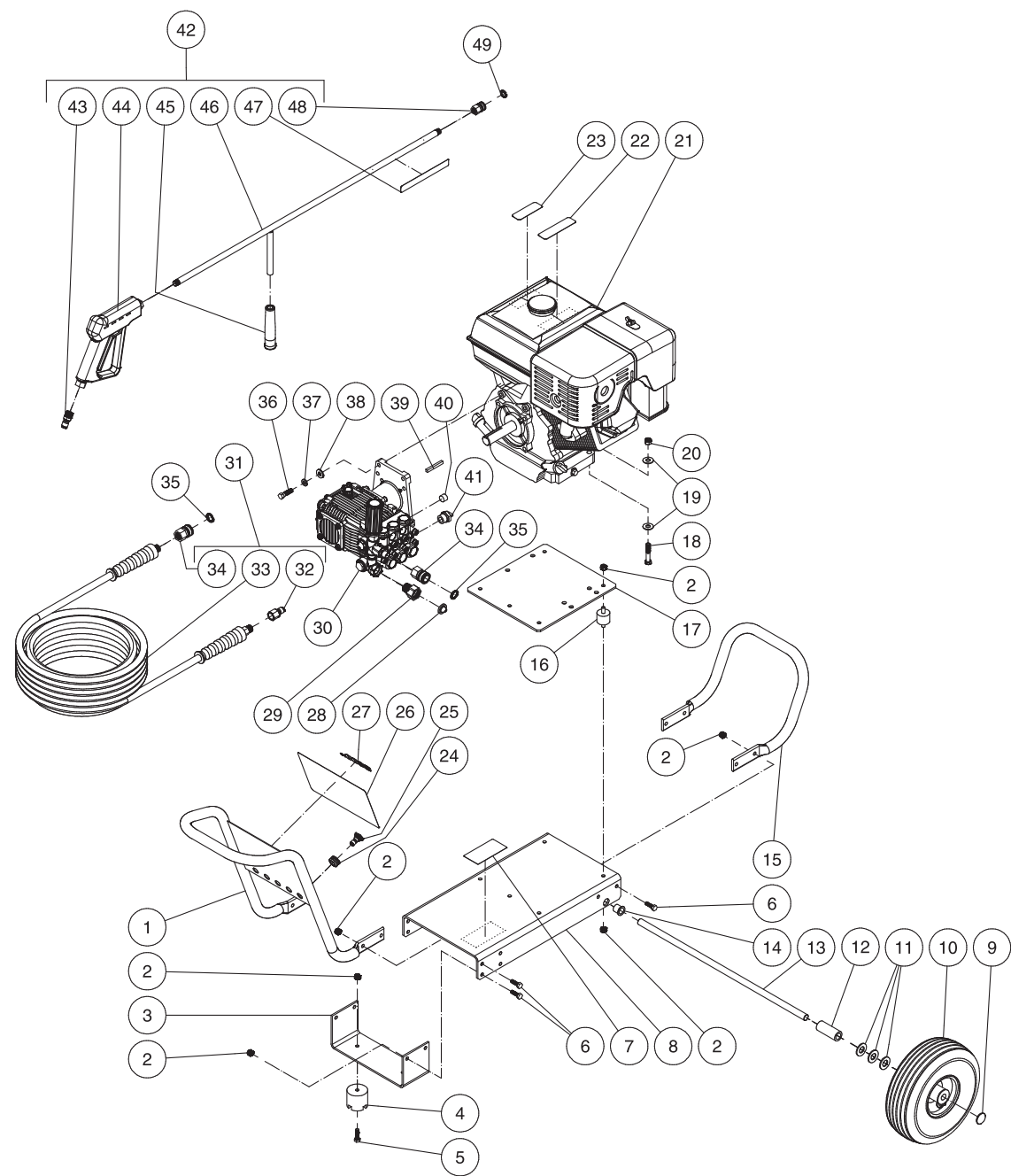
NOTES

FRAME ASSEMBLY FOR CA-3304-0MHB (BEFORE SERIAL #10173072)



FRAME ASSEMBLY FOR CA-3304-0MHB (BEFORE SERIAL #10173072)								
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- 3300 Die Cut	34-0776	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	3-0148	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- 11.0 HP Honda	1-0039	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 34-9005)	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					

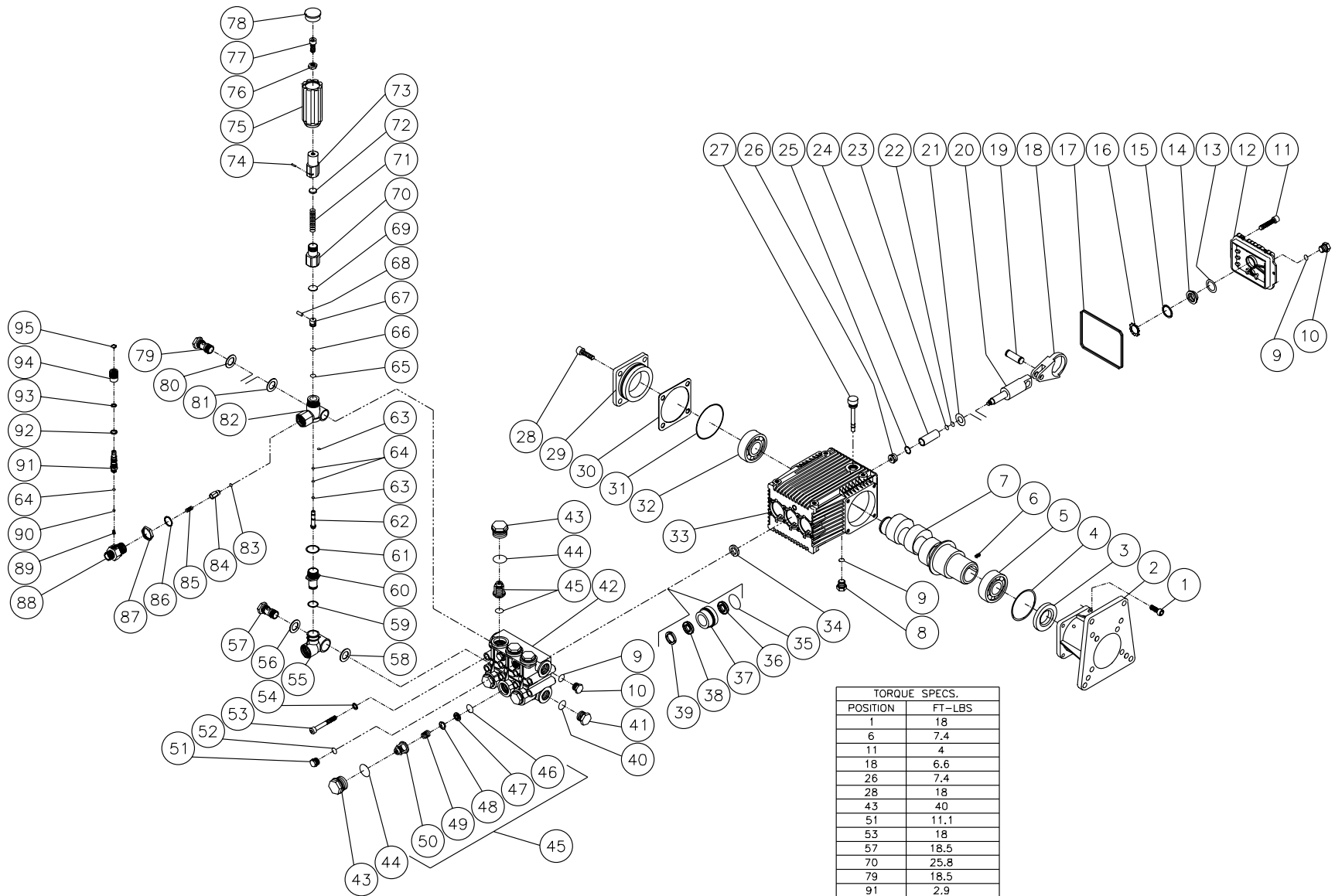
FRAME ASSEMBLY FOR CA-3304-0MHB (AFTER SERIAL #10173072)



CA-3304-0MHB-020205-DLG

FRAME ASSEMBLY FOR CA-3304-0MHB (AFTER SERIAL #10173072)								
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- 3300 Die Cut	34-0776	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	3-0266	1
6	Bolt	27-0067	12		31	Pressure Hose Assembly (Inc. 32-34)	851-0338	1
7	Decal- Data Plate	N/A	1		32	Quick Connect Plug	17-0006	1
8	Baseplate	5-0207	1		33	Hose	15-0209	1
9	Hub Cap	33-0018	2		34	Quick Connect Socket	17-0004	2
10	Wheel	14-0017	2		35	O-ring	25-0123	2
11	Washer	28-0008	6		36	Bolt	27-0118	4
12	Axle Spacer	62-0189	2		37	Lockwasher	29-0008	4
13	Axle	20-0748	1		38	Washer	28-0022	4
14	Bushing	62-0175	2		39	Key	43-0078	1
15	Rear Handle	7-0183	1		40	Plug	23-0244	1
16	Vibration Isolator	14-0097	4		41	Thermal Relief Valve	22-0005	1
17	Isolation Plate	56-0053	1		42	Gun/Wand Assembly (Inc. 43-48)	851-0095	1
18	Bolt	27-0121	4		43	Quick Connect Plug	17-0005	1
19	Flatwasher	28-0023	8		44	Trigger Gun	16-0001	1
20	Locknut	30-0159	4		45	Wand Grip	7-0002	1
21	Engine- 11.0 HP Honda	1-0039	1		46	Wand w/Handle	16-0418	1
22	Decal- Warning: Risk of Burns (See 34-9014)	N/A Sep.	1		47	Decal- Warning: Risk of Injection (See 34-9005)	N/A Sep.	1
23	Decal- Caution: Risk of Fire (See 34-9014)	N/A Sep.	1		48	Quick Connect Socket	17-0001	1
24	Grommet	33-0001	5		49	O-ring	25-0122	1
25	Nozzle- 0003.5	18-0257	1			Decal Kit (Inc. 22-23, 26, 47)	34-9014	
-	Nozzle- 1503.5	18-0258	1		*Must Order in One Foot Lengths			
-	Nozzle- 2503.5	18-0259	1					

PUMP ASSEMBLY (3-0148)



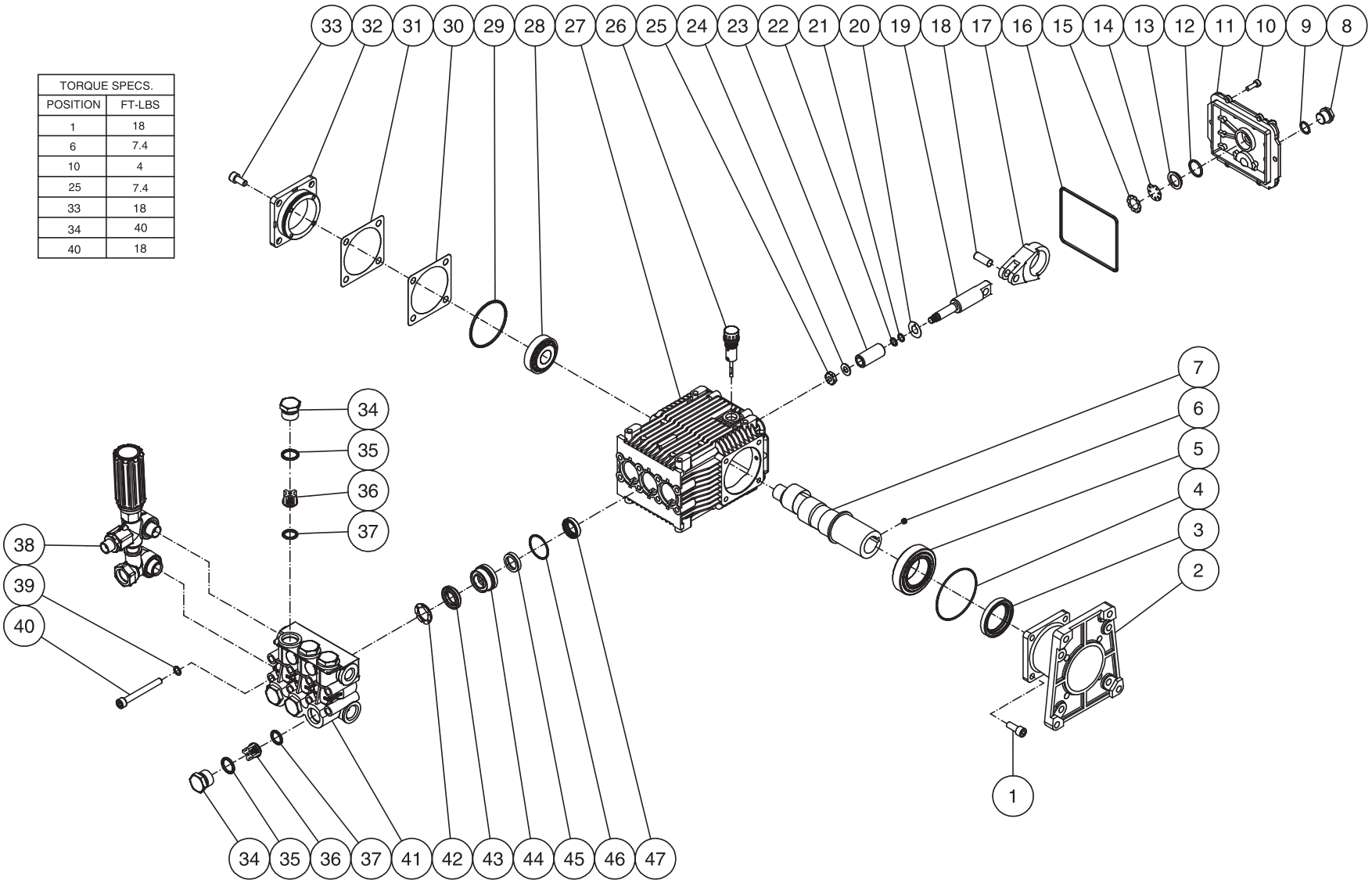
TORQUE SPECS.	
POSITION	FT-LBS
1	18
6	7.4
11	4
18	6.6
26	7.4
28	18
43	40
51	11.1
53	18
57	18.5
70	25.8
79	18.5
91	2.9

3-0148-030503-RD

PUMP ASSEMBLY (3-0148)											
REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Bolt	27-8432	4	33	Crankcase	46-0811	1	69	Spring Button	8-0445	1
2	Flange	46-0714	1	34	Oil Seal	46-0931	3	70	Spring Guide	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 Barrel	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 #414453)	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	Crankcase 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	46-0896	3	51	Plug	39-0096	2	87	Tightener Nut	8-0497	1
-	Connecting Rod (Before Serial #414453)	46-0696	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	Adaptor	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 Seal Kit (Inc. 3 each 35, 36, 38)	70-0177	
27	Oil Dipstick	39-0090	1	61	O-ring (See 70-0180)	N/A Sep.	1		Support Ring Kit (Includes 3 each 39)	70-0178	
28	Bolt	27-8884	4	62	Piston	8-0442	1		Valve Kit (Includes 3 each 46-50)	70-0179	
29	Bearing Cap	48-0703	1	63	Back-up Ring (See 70-0180)	N/A Sep.	2		Unloader Repair Kit (Inc. 59, 61, 63-66, 83)	70-0180	
30	Shim 0.1mm (Qty varies 1-3)	46-0704	-	64	O-ring	25-0371	3		Unloader Complete (Inc. 55-85)	8-0456	
-	Shim 0.2mm (Qty varies 1-3)	46-0705	-	65	O-ring (See 70-0180)	N/A Sep.	1		Detergent Injector Complete (Inc. 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 (Includes 3, 4, 17, 31, 34)	70-0337	
32	Bearing	48-0072	1	67	Poppet	8-0443	1		Piston Kit (Includes 3 each 21-26)	70-0352	
-	Bearing (Before Serial # 414453)	48-0061	1	68	Pin	8-0444	1				

PUMP ASSEMBLY (3-0266)

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

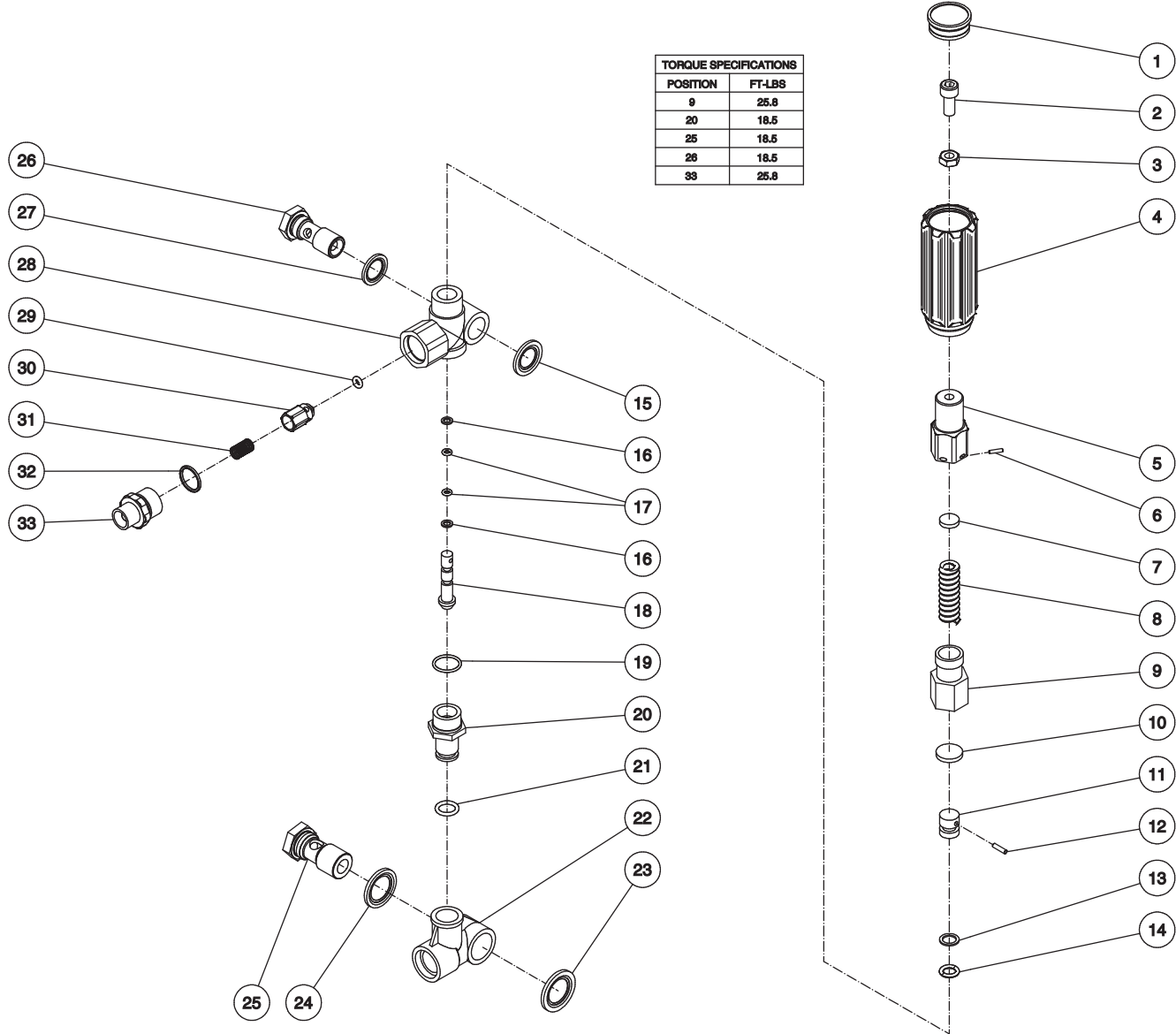


3-0266-032405-JJF

PUMP ASSEMBLY (3-0266)

REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Screw	27-8432	4	19	Plunger Rod	46-0699	3	37	O-ring	25-0386	6
2	Pump Flange	46-0714	1	20	Washer	46-0700	3	38	Unloader Assembly	8-0533	1
3	Oil Seal	26-0194	1	21	Back-up Ring	25-0404	3	39	Lockwasher	29-0154	8
4	O-ring	25-0397	1	22	O-ring	25-0382	3	40	Screw	27-8440	8
5	Bearing	48-0062	1	23	Piston	46-0701	3	41	Manifold	46-1186	1
6	Screw	27-8886	1	24	Washer / Gasket	26-0191	3	42	Support Ring (See 70-0178)	N/A Sep.	3
7	Crankshaft	46-0959	1	25	Nut	30-6020	3	43	V-Packing (See 70-0177)	N/A Sep.	3
8	Plug	39-0086	1	26	Oil Dipstick	39-0090	1	44	Packing Retainer	46-0708	3
9	O-ring	25-0325	1	27	Pump Crankcase	46-0811	1	45	Low Pressure Seal (See 70-0177)	N/A Sep.	3
10	Screw	27-8885	6	28	Bearing	48-0072	1	46	O-ring	25-0384	3
11	Pump	46-0719	1	29	O-ring	25-0380	1	47	Oil Seal	46-0931	3
12	O-ring	25-0370	1	30	Shim- 0.2mm (Qty. Varies 1-3)	46-0705	1		Oil Seals Kit (Inc. 3, 4, 16, 29, 47)	70-0337	
13	Oil Sight Glass	46-0670	1	31	Shim- 0.1mm (Qty. Varies 1-3)	46-0704	1		Piston Kit (Inc. 3 each 20-25)	70-0352	
14	Oil Reflector	46-0824	1	32	Bearing Cap	46-0703	1		High Pressure Seals Kit (Inc. 3 each 43, 45, 46)	70-0177	
15	Spring Retainer	46-0671	1	33	Screw	27-8884	4		Support Ring Kit (Inc. 3 each 42)	70-0178	
16	O-ring	25-0398	1	34	Valve Cap	39-0095	6		Valve Kit (Inc. 6 each 36, 37)	70-0179	
17	Connecting Rod	46-0922	3	35	O-ring	25-0160	6				
18	Piston Pin	46-0698	3	36	Complete Valve (See 70-0179)	N/A Sep.	6				

UNLOADER ASSEMBLY (8-0456)

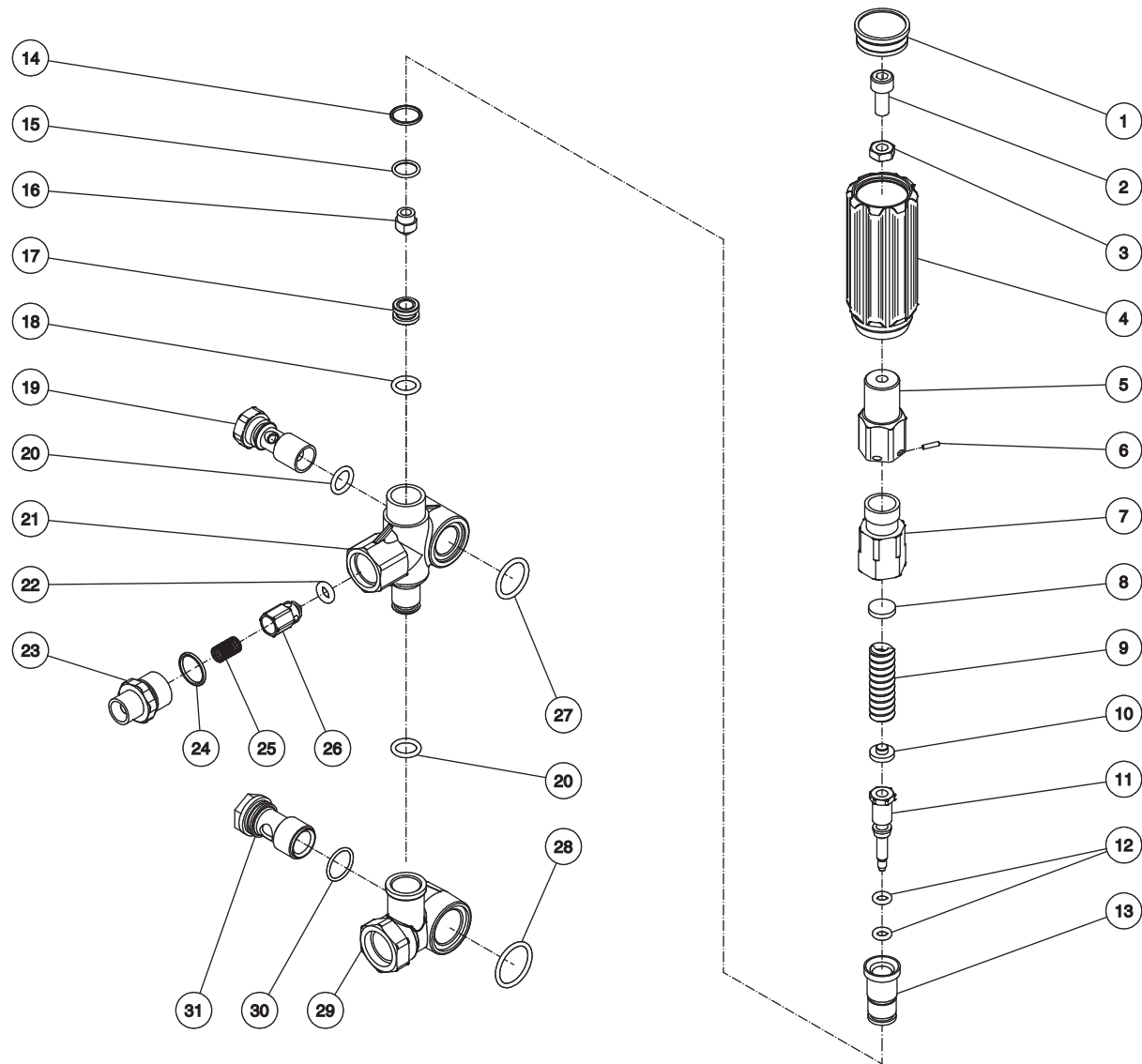


8-0456-102004-JJF

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)

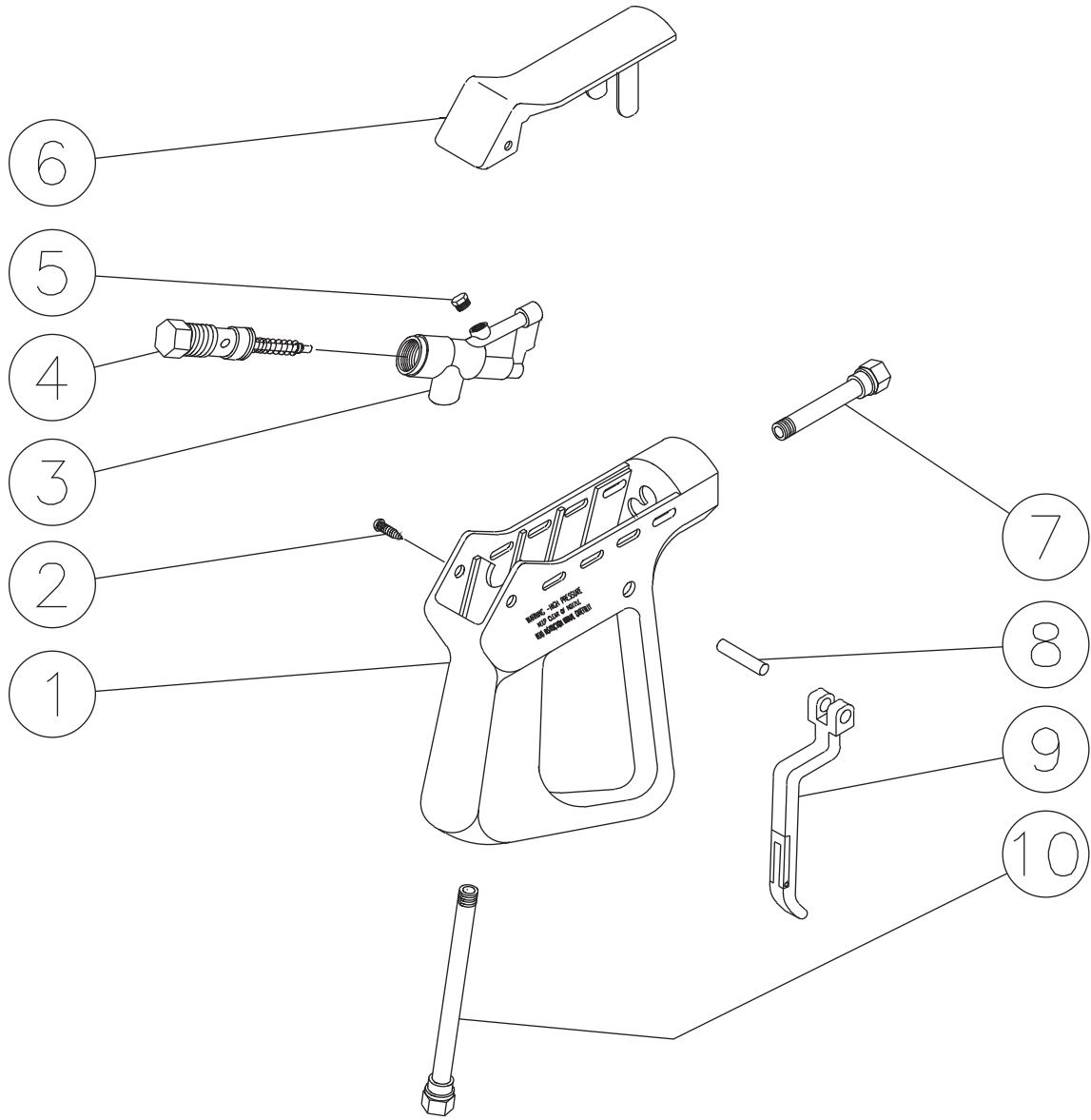


8-0533-102104-JJF

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	

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

