

The **Chore** **Master**®

by Mi-T-M®
8650 Enterprise Drive, Peosta IA 52068-0050
319-556-7484 / Fax 319-556-1235

CM-2500-OMVB

Vanguard Engine Oil Grade:

30W SE/SF/SG

Vanguard Engine Oil Capacity:

40 oz.

Pump Oil Grade:

Mi-T-M Pump Oil AW-4085-0016

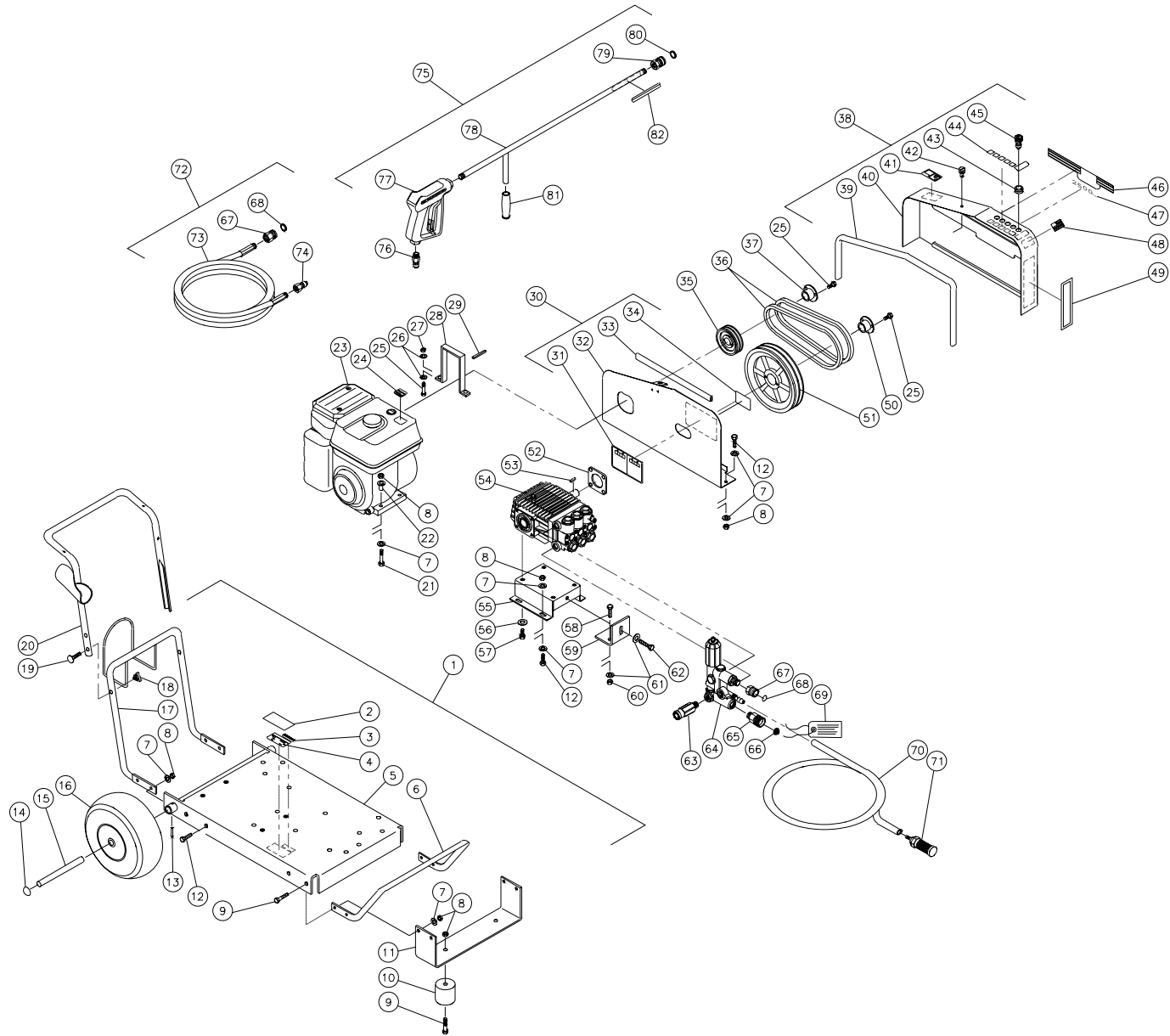
Pump Oil Capacity:

14 oz.

Nozzle Size:

4.5

CM-2500-OMVB FRAME ASSEMBLY

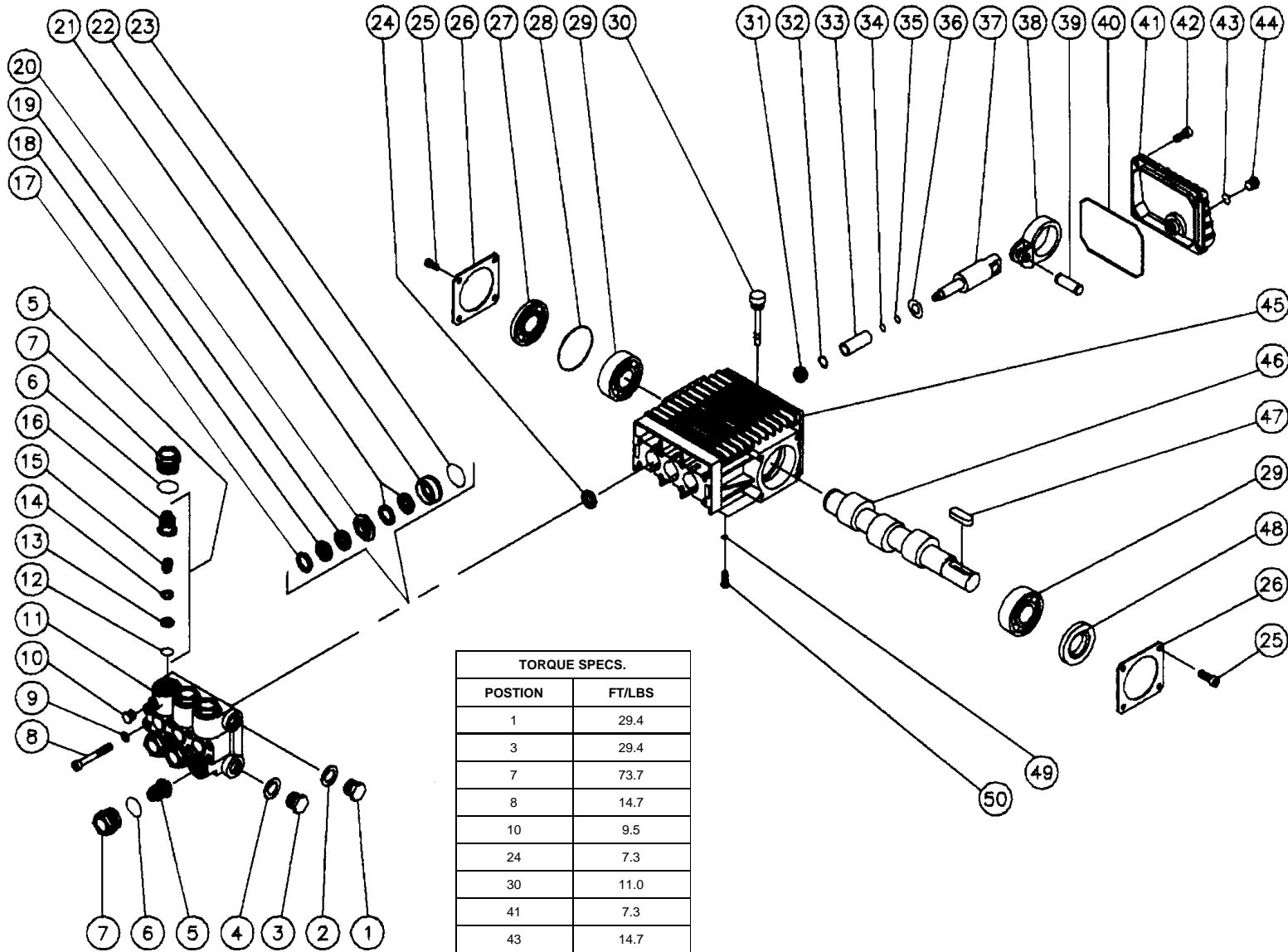


OMCH027 / 102495DCE

CM-2500-OMVB FRAME ASSEMBLY

REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Base Plate Assembly (Inc. 5-20)	851-0255	1	30	Beltguard Back Assy. (Inc. 31-34)	851-0213	1	55	Pump Bracket	5-0097	1
2	Decal-Clear Lamine	34-0210	1	31	Decal-Caution/Warning	34-0498	1	56	Washer (with Pump)	29-0054	4
3	Decal-Cold Water Serial Number	N/A	1	32	Beltguard Back (See 851-0213)	N/A Sep.	1	57	Bolt (with Pump)	27-8042	4
4	Decal-Silver I.D. Sticker	34-0075	1	33	Edging (13.5 inches required)	33-0020	1	58	Bolt	27-0118	2
5	Base Plate	5-0112	1	34	Decal-Warning: Beltguard in Place	34-0575	1	59	Brace Tightener	13-0005	1
6	Handle-Front	7-0103	1	35	Sheave-Engine	10-0029	1	60	Locknut	30-0159	2
7	Washer	28-0003	28	36	Belt	11-0020	2	61	Washer	28-0023	3
8	Locknut	30-0157	22	37	Bushing	9-0005	1	62	Bolt	27-0576	1
9	Bolt	27-0068	6	38	Beltguard Cover Assy. (39-44,48,49)	851-0217	1	63	Heat Dump Valve	22-0208	1
10	Isolator	14-0008	2	39	Edging (34.5 inches required)	33-0020	1	64	Unloader	8-0397	1
11	Underbracket	13-0112	1	40	Beltguard Cover (See 851-0217)	N/A Sep.	1	65	Garden Hose Swivel	23-0095	1
12	Bolt	27-0067	12	41	Decal-Warning: Muffler Hot	34-0130	1	66	Filter	19-0001	1
13	Roll Pin	43-0002	1	42	1/4 Turn Fastener	33-0197	1	67	Quick Connect Socket	17-0004	2
14	Hub Cap	33-0018	2	43	Grommet	33-0001	5	68	O-ring	25-0123	2
15	Axle	20-0182	1	44	Decal-Nozzles	34-0500	1	69	Tag-Water Supply Inlet	34-0097	1
16	Wheel	14-0017	2	45	Spray Nozzle-00045	18-0033	1	70	Detergent Hose *(4 feet required)	15-0021	1
17	Handle-Rear	7-0108	1		Spray Nozzle-15045	18-0039	1	71	Detergent Strainer	19-0050	1
18	Knob	7-0107	2		Spray Nozzle-25045	18-0060	1	72	Pressure Hose Assy. (67, 73, 74)	851-0007	1
19	Carriage Bolt	31-0051	2		Spray Nozzle-40045	18-0065	1	73	Pressure Hose	15-0003	1
20	Handle	7-0106	1		Spray Nozzle-6540	18-0148	1	74	Quick Connect Plug	17-0006	1
21	Bolt	27-0070	4	46	Decal-Chore Master Stripe	34-0565	1	75	Gun/Wand Assy. (76-79, 81)	851-0095	1
22	Shim-Engine	33-0169	4	47	Decal-Orange Die Cut: 2500 PSI	34-0580	1	76	Quick Connect Plug	17-0005	1
23	Engine-9.0 HP Vanguard	1-0070	1	48	Decal-American Flag	34-0521	1	77	Gun	16-0001	1
24	Caution-Allow to Cool	34-0588	1	49	Operating Instructions	34-0499	1	78	Wand	16-0120	1
25	Bolt	27-0015	6	50	Bushing	9-0017	1	79	Quick Connect Socket	17-0001	1
26	Washer	28-0002	4	51	Sheave-Pump	10-0035	1	80	O-ring	25-0122	2
27	Locknut	30-0155	2	52	Pump Isolator	33-0201	1	81	Handle Grip	7-0002	1
28	Finger Guard	6-0054	1	53	Key (with Pump)	46-0602	1	82	Decal-Warning: Risk of Injection	34-0572	1
29	Key	43-0078	1	54	Pump	3-0121	1	*Must order in one foot lengths			

PUMP ASSEMBLY (3-0121)

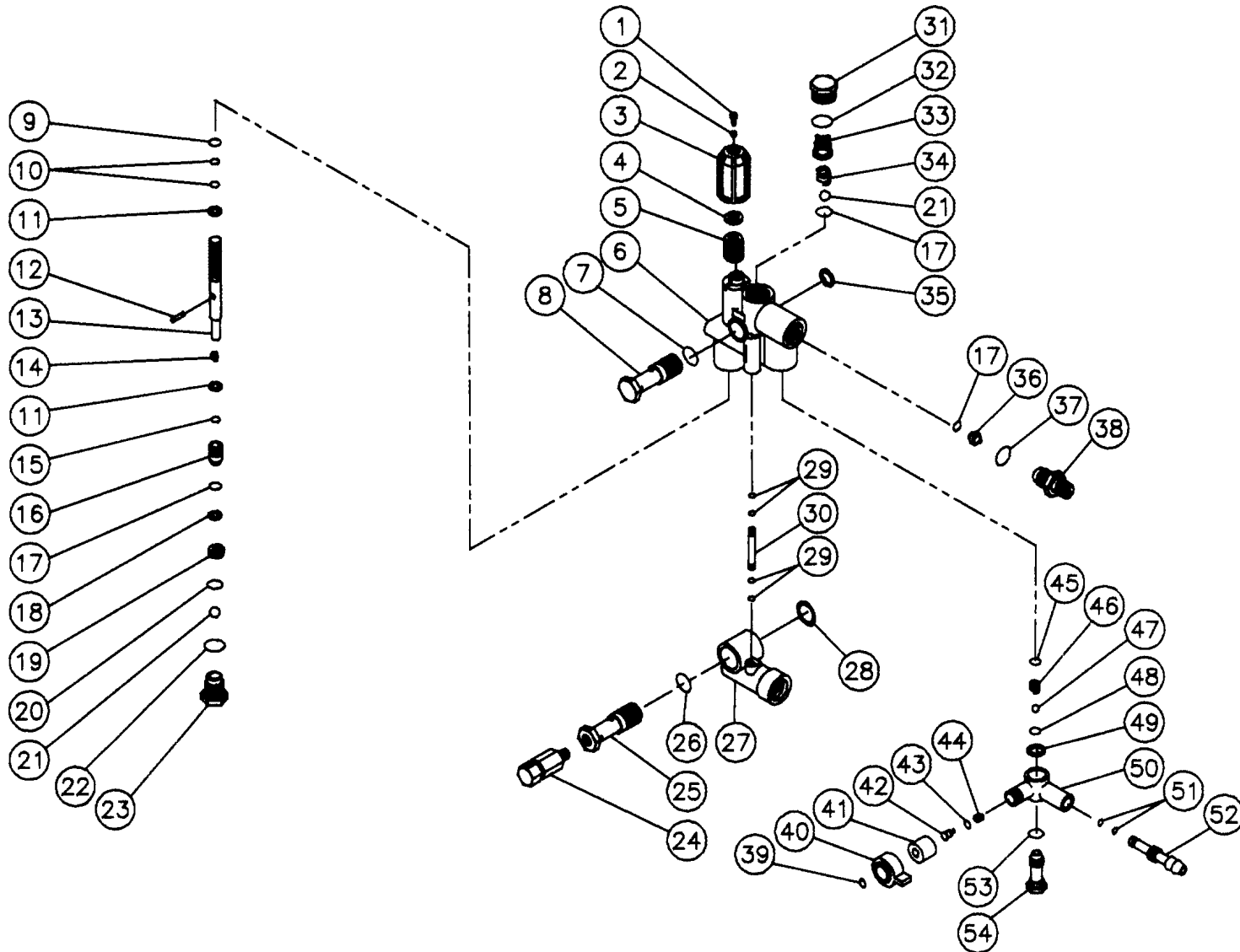


TORQUE SPECS.	
POSTION	FT/LBS
1	29.4
3	29.4
7	73.7
8	14.7
10	9.5
24	7.3
30	11.0
41	7.3
43	14.7

OMPMP018 / 110195BAR

PUMP ASSEMBLY (3-0121)								
REF. #	DESCRIPTION	PART #	QTY.		REF. #	DESCRIPTION	PART #	QTY.
1	Hex Plug	39-0018	1		27	Oil Level Indicator / Spacer	46-0574	1
2	Washer	28-0600	1		28	O-ring	25-0060	1
3	Hex Plug	39-0019	1		29	Ball Bearing	48-0050	1
4	Washer	28-0601	1		30	Oil Dipstick	46-0143	1
5	Valve Assy. (12-16) (See 70-0028)	N/A Sep.	6		31	Nut	46-0168	3
6	O-ring	25-0012	6		32	Washer	46-0166	3
7	Valve Plug	39-0071	6		33	Plunger	46-0603	3
8	Bolt	27-8439	8		34	O-ring	25-0045	3
9	Lockwasher	29-0154	8		35	Back-up Ring	25-0143	3
10	Hex Plug	39-0032	1		36	Flinger Washer	28-1018	3
11	Pump Manifold-Brass 18mm	46-0614	1		37	Piston Guide	46-0573	3
12	O-ring (See 70-0028)	N/A	6		38	Connecting Rod	46-0572	3
13	Valve Seat (See 70-0028)	N/A	6		39	Pin for Connecting Rod	43-0079	3
14	Valve Plate (See 70-0028)	N/A	6		40	O-ring	25-0317	1
15	Valve Spring (See 70-0028)	N/A	6		41	Crankcase cover	46-0571	1
16	Valve Cage (See 70-0028)	N/A	6		42	Bolt	27-8401	5
17	Head Ring (See 852-0114)	N/A	3		43	O-ring	25-0014	1
18	V-Packing (See 852-0114)	N/A	3		44	Hex Plug	39-0017	1
19	Stop Ring Packing (See 852-0114)	N/A	3		45	Crankcase	46-0570	1
20	Intermediate Ring	46-0608	3		46	Crankcase Shaft	46-0601	1
21	Low Pressure Seal (See 852-0114)	N/A	3		47	Key	46-0602	1
22	Packing Retainer	46-0612	3		48	Oil Seal	46-0604	1
23	O-ring	25-0048	3		49	Lockwasher	29-0054	4
24	Oil Seal	26-0046	3		50	Bolt	27-8042	4
25	Bolt	27-8000	4			Valve Kit (6 each of 12-16)	70-0028	
26	Retainer / Oil Level / Spacer	46-0084	1			V-Packing Kit (3 each 17, 18, 19, & 21)	852-0114	

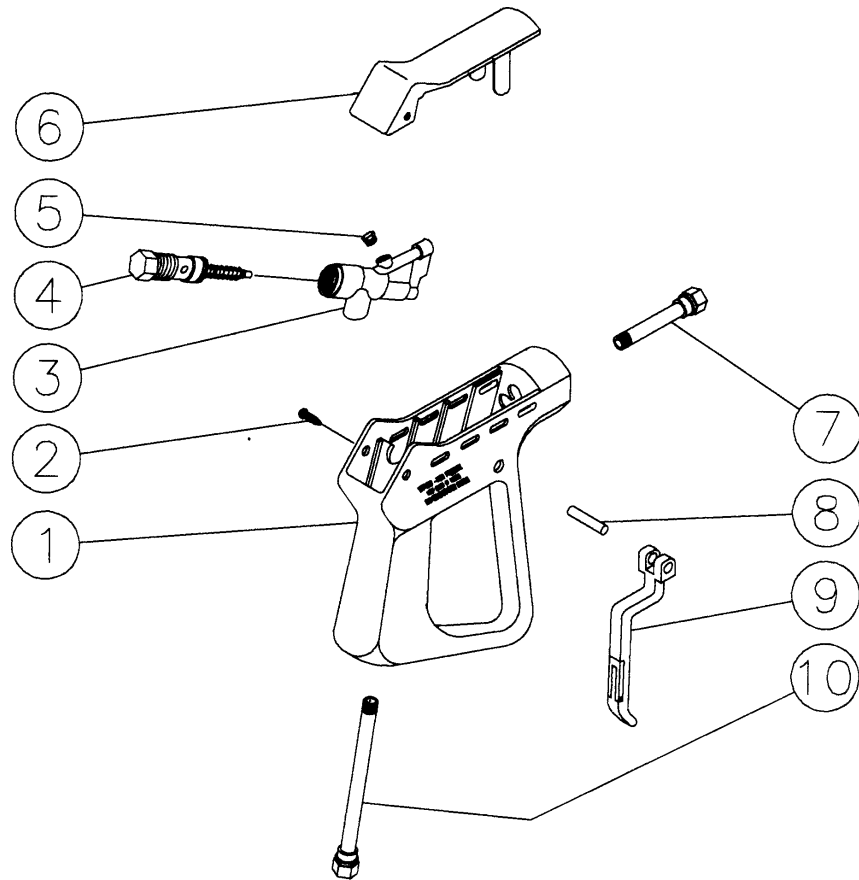
UNLOADER ASSEMBLY (8-0397)



OMGEN200 / 022795BAR

UNLOADER ASSEMBLY (8-0397)								
REF. #	DESCRIPTION	PART #	QTY.		REF. #	DESCRIPTION	PART #	QTY.
1	Screw	27-8409	1		28	Washer	28-0601	1
2	Nut	30-3024	1		29	O-ring	25-0161	4
3	Pressure Regulating Knob	7-0050	1		30	By-pass Tube	8-0223	1
4	Spring Guide	8-0332	1		31	Cap	39-0040	1
5	Spring	49-0047	1		32	O-ring	25-0136	1
6	Valve Body-Brass	8-0218	1		33	Valve Guide	8-0225	1
7	O-ring	25-0231	1		34	Spring	49-0046	1
8	Fixing Screw	8-0224	1		35	Washer	28-0600	1
9	Back-up Ring	25-0137	1		36	Orifice	8-0126	1
10	O-ring	25-0138	2		37	O-ring	25-0051	1
11	Washer	28-0209	2		38	Nipple	8-0130	1
12	Pin	43-0051	1		39	Snap Ring	8-0229	1
13	Piston Guide	8-0219	1		40	Injector Regulating Knob	7-0051	1
14	Spring	49-0049	1		41	Knob Insert	8-0228	1
15	O-ring	25-0163	1		42	Shutter	8-0227	1
16	Drive Piston	8-0220	1		43	O-ring	25-0046	1
17	O-ring	25-0050	3		44	Spring	49-0019	1
18	Back-up Ring	8-0284	1		45	O-ring	25-0120	1
19	Valve Seat	8-0221	1		46	Spring	49-0020	1
20	O-ring	25-0159	1		47	Ball	50-0012	1
21	Ball	8-0201	2		48	O-ring	25-0045	1
22	O-ring	25-0160	1		49	Washer	28-0400	1
23	Cap	39-0039	1		50	Injector Body	8-0226	1
24	Thermo Valve	22-0148	1		51	O-ring	25-0132	2
25	Fixing Screw	8-0333	1		52	Hose Barb	8-0177	1
26	O-ring	25-0053	1		53	O-ring	25-0014	1
27	Inlet Body	46-0242	1		54	Valve Seat	8-0174	1

GUN ASSEMBLY (16-0001)



OMCH013 / 080294BAR

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
	Gun Assembly Complete	16-0001	1

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