

Mi-T-M[®] CORPORATION

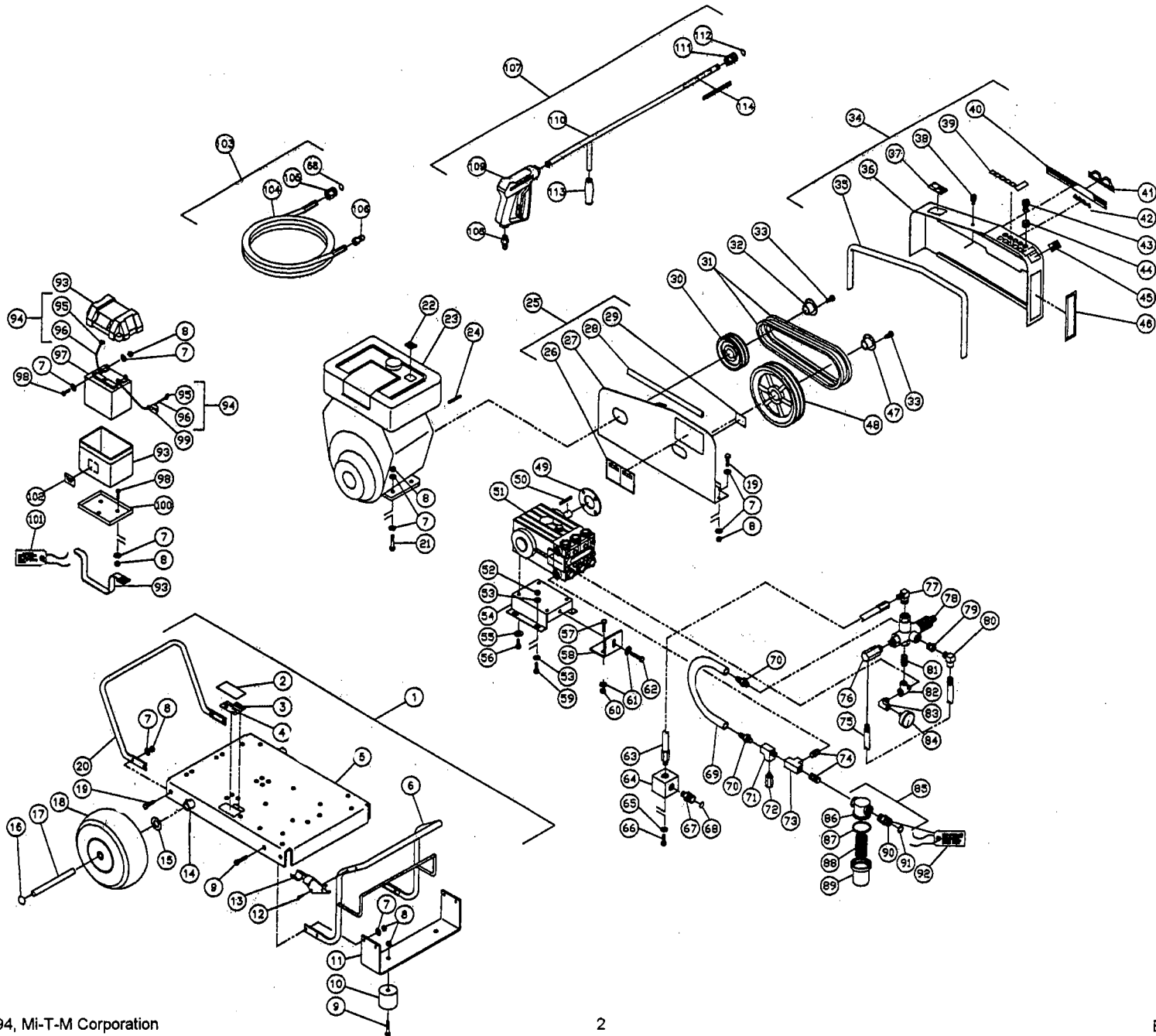
8650 Enterprise Drive, Peosta, IA 52068-0050

319-556-7484 / Fax 319-556-1235

CW-4004-3MV0 PARTS LIST

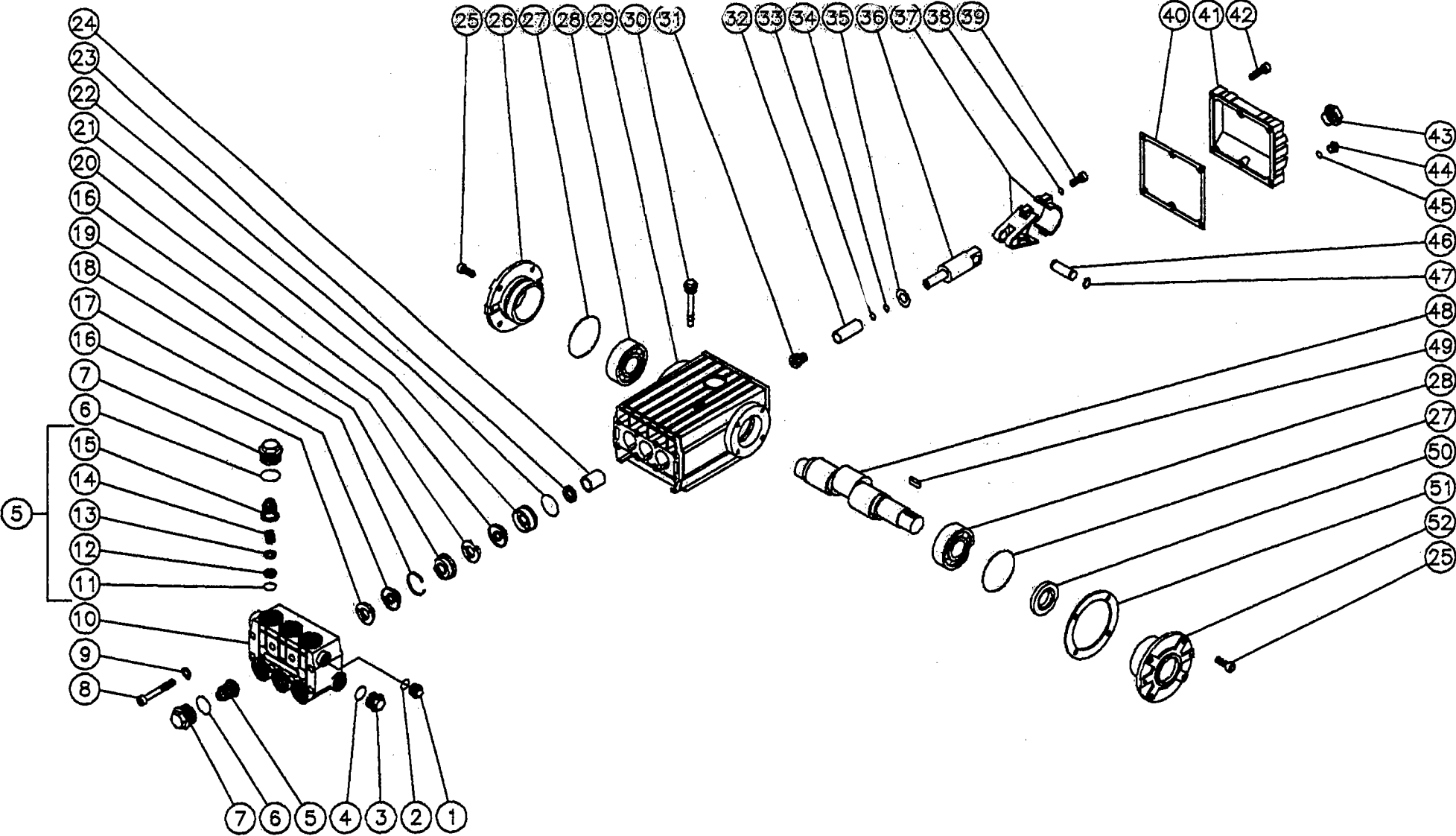
Engine Oil Grade:	30W SE/SF/SG
Vanguard Engine Oil Capacity:	48 oz.
Pump Oil Grade:	SAE 30W Non-Detergent
Pump Oil Capacity:	40.6 oz.
Nozzle Size:	4.0

FRAME ASSEMBLY FOR CW-4004-3MV0



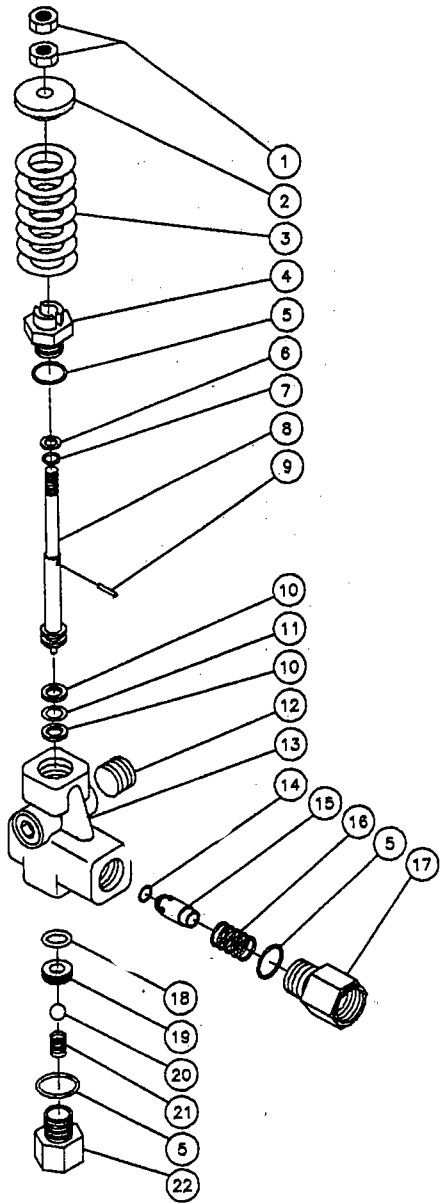
FRAME ASSEMBLY FOR CW-4004-3MV0											
REF #	DESCRIPTION	PART #	QTY	REF #	DESCRIPTION	PART #	QTY	REF #	DESCRIPTION	PART #	QTY
1	Base Plate Assembly (5-20)	851-0235	1	41	Decal-Mi-T-M Logo	62-0086	1	77	Elbow	24-0074	1
2	Decal-Clear Laminate	34-0210	1	42	Decal-White Die Cut: 4004	34-0251	1	78	Unloader	8-0270	1
3	Decal-Cold Water Serial Number	N/A	1	43	Spray Nozzles			79	Hex Reducer	23-0056	1
4	Decal-Silver Sticker	34-0075	1		0004	18-0028	1	80	Elbow	23-0237	1
5	Base Plate	5-0078	1		1504	18-0029	1	81	Hex Nipple	24-0024	1
6	Handle-Front	7-0101	1		2504	18-0030	1	82	Tee	23-0058	2
7	Washer	28-0003	30		4004	18-0031	1	83	Elbow	24-0004	1
8	Locknut	30-0157	22	44	Grommet	33-0001	5	84	Pressure Gauge	22-0107	1
9	Bolt	27-0068	6	45	American Flag	34-0521	1	85	Strainer Complete (86-91)	19-0057	1
10	Isolator	14-0008	2	46	Operating Instructions	34-0499	1	86	Strainer Cap	19-0058	1
11	Underbracket	13-0042	1	47	Bushing	9-0017	1	87	Strainer Gasket	26-0160	1
12	Screw	27-3062	2	48	Sheave	10-0040	1	88	Strainer Steel Screen	19-0059	1
13	Wand holder-Plastic	62-0085	1	49	Isolator-Pump	33-0202	1	89	Strainer Bowl	19-0080	1
14	Roll Pin	43-0002	1	50	Key-with pump	43-0028	1	90	Garden Hose Swivel	23-0095	1
15	Washer	28-0008	2	51	Pump	3-0075	1	91	Garden Hose Gasket	26-0001	1
16	Hub Cap	33-0018	2	52	Locknut	30-0161	4	92	Tag-Water Supply Inlet	34-0097	1
17	Axle	20-0008	1	53	Washer	28-0030	8	93	Battery Box	33-0092	1
18	Wheel	14-0006	2	54	Pump Bracket	5-0101	1	94	Battery Cable Assembly (95, 96)	851-0082	2
19	Bolt	27-0067	8	55	Washer-with pump	29-0055	4	95	Battery Terminal	32-0044	2
20	Handle-Rear	7-0111	1	56	Bolt-with pump	27-8471	4	96	Battery Cable (Negative) 15"	32-0082	1
21	Bolt	27-0070	4	57	Bolt	27-0118	2		Battery Cable (Positive) 15"	32-0082	1
22	Decal-Caution: Allow to Cool	34-0588	1	58	Brace Tightener	13-0003	1	97	Battery	32-0058	1
23	Engine-16.0 HP Vanguard Electric	1-0056	1	59	Bolt	27-0166	4	98	Bolt	27-0066	4
24	Key	43-0078	1	60	Locknut	30-0159	2	99	Battery Cable Cover	33-0004	1
25	Beltguard Back Assembly (26-29)	851-0215	1	61	Washer	28-0023	3	100	Battery Retainer	20-0264	1
26	Decal-Caution/Warning Statements	34-0498	1	62	Bolt	27-0576	1	101	Tag-Battery	34-0096	1
27	Beltguard Back-Medium	6-0063	1	63	Hose 3/8" x 17.5"	15-0141	1	102	Decal-Caution: Disconnect Battery	34-0589	1
28	Edging (1" x 13.5")	33-0020	1	64	Manifold Block	51-0012	1	103	High Pressure Hose Assy. (104-106)	851-0006	1
29	Decal-Warning: Beltguard in Place	34-0575	1	65	Washer	29-0008	2	104	High Pressure Hose 4000 PSI	15-0004	1
30	Sheave	10-0064	1	66	Bolt	27-0116	2	105	Quick Connect Socket	17-0004	1
31	Belt	11-0009	2	67	Quick Connect Socket	17-0029	1	106	Quick Connect Plug	17-0006	1
32	Bushing	9-0005	1	68	O-ring	25-0123	2	107	Gun/Wand Assembly (108-111, 113)	851-0095	1
33	Bolt-with bushing	27-0015	4	69	By-pass Hose	15-0022	1	108	Quick Connect Plug	17-0005	1
34	Beltguard Cover Assy. (35-41, 44-46)	851-0216	1	70	Hose Barb	23-0005	2	109	Gun	16-0001	1
35	Edging (1" x 34.5")	33-0020	1	71	Tee	23-0124	1	110	Wand with Handle	16-0120	1
36	Beltguard Cover-Medium	6-0064	1	72	Heat Dump Valve	22-0005	1	111	Quick Connect Socket	17-0001	1
37	Decal-Warning: Muffler Hot	34-0130	1	73	Tee	23-0043	1	112	O-ring	25-0122	2
38	Fastener	33-0197	1	74	Hex Nipple	23-0012	2	113	Handle Grip	7-0002	1
39	Decal-Nozzles: 0°, 15°, 25°, 40°	34-0500	1	75	Hose	15-0140	1	114	Decal-Warning: Risk of Injection	34-0572	1
40	Decal-Mi-T-M Stripe-Large	34-0501	1	76	Easy Start Valve	22-0146	1				

PUMP ASSEMBLY (3-0075) FOR CW-4004-3MV0

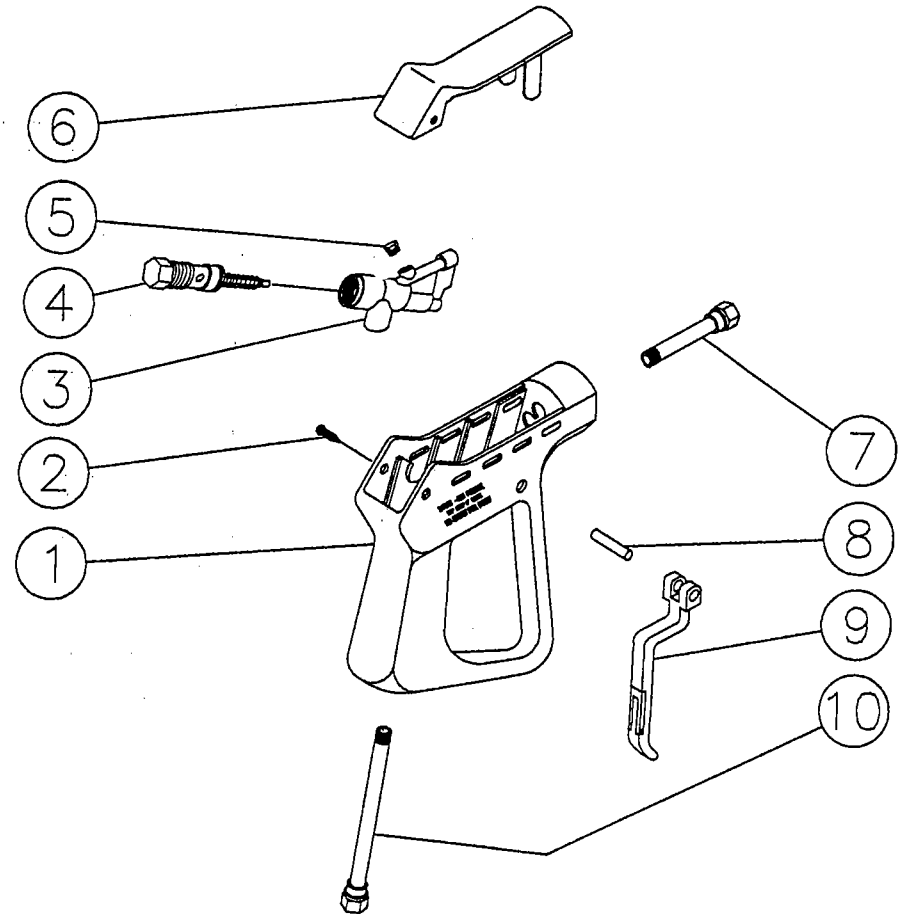


PUMP ASSEMBLY (3-0075) FOR CW-4004-3MV0							
REF. #	DESCRIPTION	PART #	QTY.	REF. #	DESCRIPTION	PART #	QTY.
1	Hex Plug	39-0018	1	29	Crankcase	46-0292	1
2	Washer	28-0600	1	30	Oil Dipstick	46-0144	1
3	Hex Plug	39-0019	1	31	Piston Screw	46-0285	3
4	Washer	28-0601	1	32	Ceramic Plunger	46-0337	3
5	Valve Assy. (11-15) (See 70-0009)	N/A Sep.	6	33	O-ring	25-0138	3
6	O-ring	25-0012	6	34	Back-up Ring	25-0137	3
7	Valve Plug	46-0282	6	35	Flinger Washer	46-0283	3
8	Bolt	27-8185	8	36	Piston Rod	46-0294	3
9	Lockwasher	28-0210	8	37	Connecting Rod	46-0051	3
10	Pump Manifold-16mm	46-0291	1	38	Lockwasher	29-0154	6
11	O-ring (See 70-0009)	N/A	6	39	Bolt	27-8435	6
12	Valve Seat (See 70-0009)	N/A	6	40	Cover Gasket-Old Style	26-0079	1
13	Valve Plate (See 70-0009)	N/A	6		Cover O-ring-New Style	25-0339	1
14	Valve Spring (See 70-0009)	N/A	6	41	Crankcase Cover-Old Style	46-0295	1
15	Valve Cage (See 70-0009)	N/A	6		Crankcase Cover-New Style	46-0633	1
16	Head Ring (See 852-0064)	N/A	6	42	Bolt	27-8404	5
17	V-Packing (See 852-0064)	N/A	6	43	Oil Level Indicator	46-0114	1
18	Long Life Ring (See 852-0064)	N/A	3	44	Hex Plug	39-0017	1
19	Intermediate Ring	46-0289	3	45	O-ring	25-0014	1
20	V-Packing	46-0287	3	46	Connecting Rod Pin	43-0032	3
21	Packing Retainer	46-0286	3	47	Retaining Ring	46-0103	6
22	O-ring (See 852-0064)	N/A	3	48	Crankshaft	46-0050	1
23	Oil Seal	26-0047	3	49	Key	43-0048	1
24	Bushing	9-0029	3	50	Oil Seal	26-0049	1
25	Bolt	27-8431	8	51	Shim	46-0113	1
26	Crankcase Cover-Closed	46-0336	1	52	Crankcase Cover-Open	46-0296	1
27	O-ring	25-0013	2		Valve Kit (6 each of 11-15)	70-0009	
28	Roller Bearing	48-0012	2		Packing Kit (6 each of 16, 17 and 3 each of 18, 22)	852-0064	

UNLOADER ASSEMBLY (8-0270) FOR CW-4004-3MV0



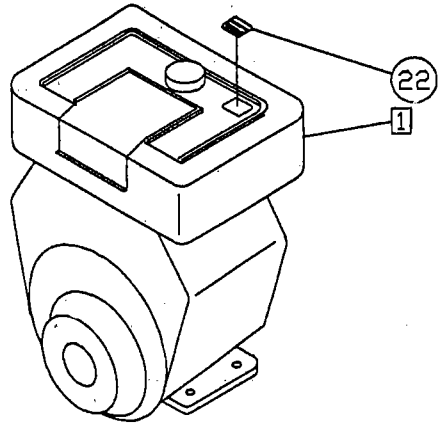
GUN ASSEMBLY (16-0001) FOR CW-4004-3MV0



UNLOADER ASSEMBLY (8-0270) FOR CW-4004-3MV0			
REF.#	DESCRIPTION	PART #	QTY.
1	Hex Nut	30-7203	2
2	Spring Guide	8-0278	1
3	Spring	49-0111	1
4	Piston Housing	8-0279	1
5	O-ring	25-0189	3
6	Back-up Ring	8-0277	1
7	O-ring	25-0192	1
8	Piston	8-0280	1
9	Pin	43-0059	1
10	Back-up Ring	8-0276	2
11	O-ring	25-0191	1
12	Plug	39-0055	2
13	Valve Housing	8-0275	1
14	O-ring	25-0193	1
15	Check Valve	22-0127	1
16	Spring	49-0058	1
17	Outlet Connection	8-0271	1
18	O-ring	25-0190	1
19	Seat	8-0272	1
20	Ball	8-0273	1
21	Spring	49-0059	1
22	Inlet Connection	8-0274	1
	Unloader Kit (5-7, 10, 11, 14, 18-20)	70-0107	1

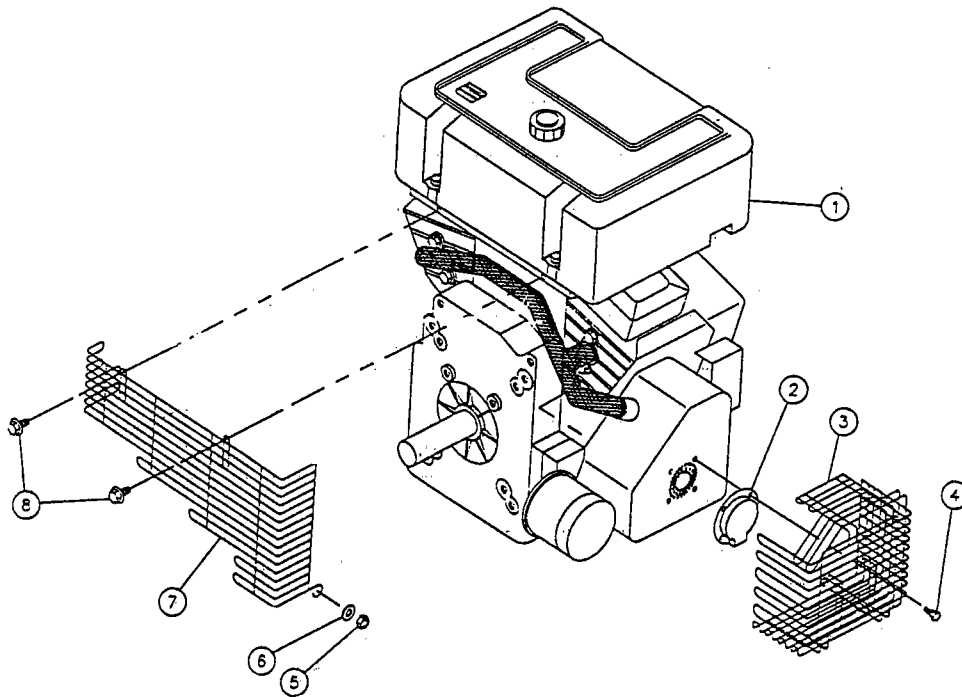
GUN ASSEMBLY (16-0001)			
Ref. #	Description	Part #	Qty.
1	Plastic Housing	16-0008	1
2	Screw	27-3230	2
3	Brass Housing	16-0012	1
4	Gun Repair Kit	70-0055	1
5	Brass Plug	39-0024	1
6	Plastic Cover	16-0009	1
7	Pipe Assembly	16-0013	1
8	Trigger Pin	16-0063	1
9	Trigger Safety Lock-off	16-0010	1
10	Pipe Assembly-Inlet	16-0016	1
	Gun Assembly Complete	16-0001	1

CONVERT ELECTRIC START TO RECOIL START ON 16 HP VANGUARD FOR CW-4004-3MV0 (OPTION CX-0029)



CONVERT ELECTRIC START ENGINE TO RECOIL START ON CW-4004-3MV0 (CX-0029)			
REF #	DESCRIPTION	PART #	QTY.
1	Engine-16 HP Vanguard Recoil Start	1-0068	1
Note: Circled numbers denote items already existing on the unit. See "Frame Assembly" drawing, page 2 of this Parts List for extended reference number placement.			

16 HP RECOIL START VANGUARD ENGINE



VANGUARD RECOIL START 16 HP ENGINE			
REF #	DESCRIPTION	PART #	QTY.
1	Engine-16 HP Vanguard Recoil	1-0068	1
2	Deflector (Spark Arrestor)	45-0018	1
3	Muffler Guard	6-0065	1
4	Screw	27-3062	3
5	Locknut	30-0157	1
6	Washer	28-0003	1
7	Exhaust Guard	6-0066	1
8	Screw	45-0019	2