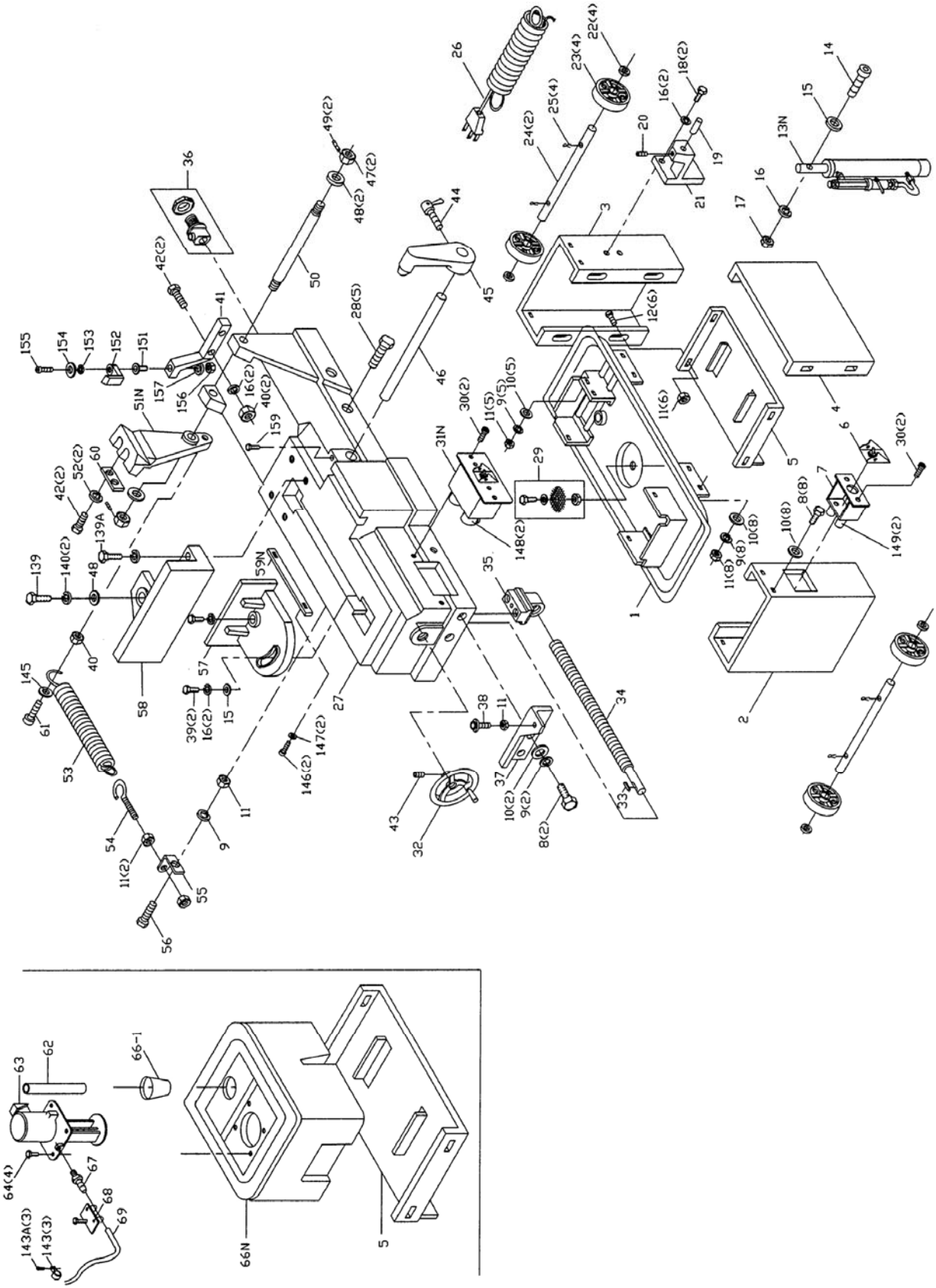
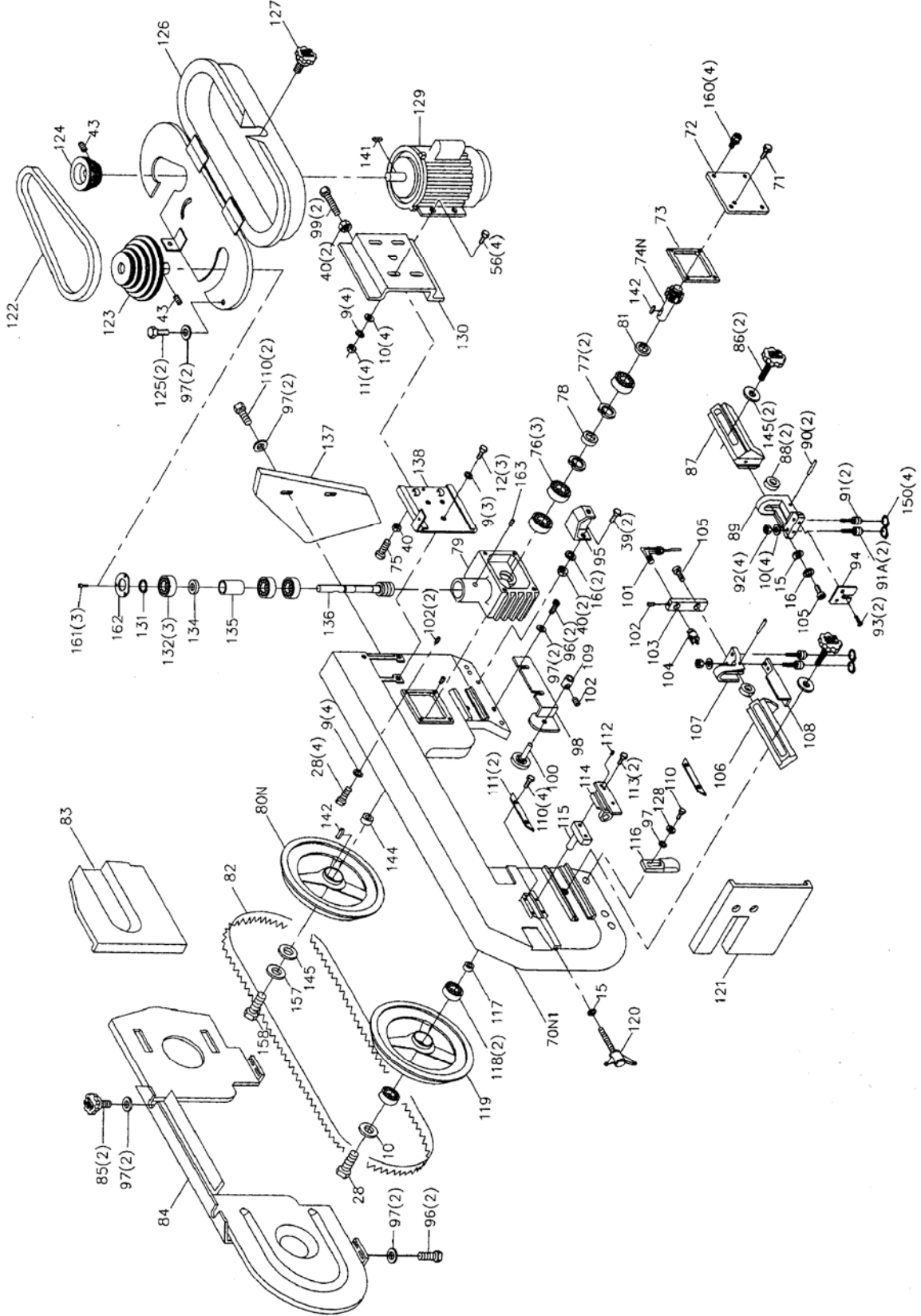


10.1.1 HVBS-7MW Bed Assembly – Exploded View



10.1.2 HVBS-7MW Bow Assembly – Exploded View



10.1.3 HVBS-7MW Bed and Bow Assemblies – Parts List

Index No	Part No	Description	Size	Qty
1	HVBS7MW-1	Coolant Pan		1
2	HVBS7MW-2	Base Leg (left)		1
3	HVBS7MW-3	Base Leg (right)		1
4	HVBS7MW-4	Skirt		1
5	HVBS7MW-5	Shelf		1
6	HVBS7MW-6	Toggle Switch		1
7	HVBS7MW-7	Electrical Box		1
8	TS-0051031	Hex Cap Bolt	5/16"x3/4"	10
9	TS-0720081	Lock Washer	5/16"	27
10	TS-0680031	Flat Washer	5/16"	32
11	TS-0561021	Hex Nut	5/16"	27
12	TS-0051011	Hex Cap Bolt	5/16"x1/2"	9
13	HVBS7MW-13	Cylinder Assembly (S/N: 010218160 and lower)		1
13N	HVBS7MW-13N	Cylinder Assembly (S/N: 010218161 and higher)		1
	HVBS7MW-13-RK	Cylinder Repair Kit (not shown)		1
14	TS-150506	Hex Socket Cap Screw **	M10x40	1
15	TS-0680041	Flat Washer **	3/8"	4
16	TS-0720091	Lock Washer **	3/8"	10
17	TS-154007	Hex Nut **	M10	1
18	TS-0060051	Hex Cap Bolt **	3/8"x1"	2
19	HVBS7MW-19	Support Rod **		1
20	TS-0050011	Hex Cap Bolt **	1/4"x1/2"	1
21	HVBS7MW-21	Bottom Support **		1
22	5518228N	Flat Washer (S/N: 120141912 and higher)	23.8x13x2.7mm	4
23	HVBS7MW-23	Wheel (S/N: 120141911 and lower)	4"	4
23N	5518229N	Wheel (S/N: 120141912 and higher)	8"	4
24	HVBS7MW-24	Wheel Shaft (S/N: 120141911 and lower)		
24N	5518230N	Wheel Shaft (S/N: 120141912 and higher)	Ø16x432mm	2
25	5518231N	Cotter Pin (S/N: 120141912 and higher)		4
	J3410-WA	Wheel Assembly (index # 22-25) (S/N: 120141912 and higher)		1
26	HVBS7MW-26	Power Cord		1
	HVBS7MW-26-1	Power Cord (motor - main switch –not shown)		1
	HVBS7MW-26-2	Power Cord (main switch - pump - not shown)		1
27	HVBS7MW-27	Table		1
28	TS-0081051	Hex Cap Bolt	5/16"x1"	10
29	HVBS7MW-29	Filter Assembly		1
30	HVBS7MW-30	Hex Head Screw	3/16"x3/8"	4
31	HVBS7MW-31	Switch Box Assembly (S/N: 5011368 & lower)		1
31N	HVBS7MW-31N	Switch Box Assembly (S/N: 5011369 & higher)		1
	HVBS7MW-31A	Switch (S/N: 5011368 & lower)		1
	HVBS7MW-31AN	Switch (S/N: 5011369 & higher)		1
32	HVBS7MW-32	Wheel Handle		1
33	HVBS7MW-33	Key	5x20mm	1
34	HVBS7MW-34	Lead Screw		1
35	HVBS7MW-35	Nut Seat		1
36	HVBS7MW-36	Strain Relief Assembly		1
37	HVBS7MW-37	Support Plate		1
38	HVBS7MW-38	Stop Screw		1
39	TS-0060061	Hex Cap Bolt **	3/8"x1-1/4"	4
40	TS-0561031	Nut **	3/8"	8
41	HVBS7MW-41	90° Support		1
42	TS-0060071	Hex Cap Bolt	3/8"x1-1/2"	4
43	TS-0270031	Set Screw	5/16"x3/8"	4
44	HVBS7MW-44	Thumb Screw		1
45	HVBS7MW-45	Stop Block		1

Index No	Part No	Description	Size	Qty
46	HVBS7MW-46	Stop Rod		1
47	TS-0561031	Hex Nut	1/2"	2
48	TS-0680061	Flat Washer	1/2"	4
49	TS-026702	Set Screw	1/4"x1/4"	2
50	HVBS7MW-50	Support Shaft		1
51	HVBS7MW-51	Pivot Arm (S/N: 80910746 and lower)		1
51N	HVBS7MW-51N	Pivot Arm (S/N: 80910747 and higher)		1
52	TS-0720091	Lock Washer	3/8"	2
53	HVBS7MW-53	Spring		1
54	HVBS7MW-54	Spring Adjusting Rod		1
55	HVBS7MW-55	Spring Bracket		1
56	TS-0051061	Hex Cap Bolt	5/16"x1-1/2"	5
57	HVBS7MW-57	Vise Jaw (left)		1
58	HVBS7MW-58	Vise Jaw (right)		1
59	HVBS7MW-59	Scale (S/N: 010217984 and lower)		1
59N	HVBS7MW-59N	Scale (S/N: 010217985 and higher)		1
60	HVBS7MW-60	Arm Support Plate		1
61	TS-020908	Hex Socket Cap Screw	3/8"x1-3/4"	1
62	HVBS7MW-62	Hose		1
63	HVBS7MW-63	Pump		1
64	TS-0050021	Hex Cap Bolt *	1/4"x5/8"	4
65	HVBS7MW-65	Tank Cover (S/N: 8091100 and lower)		1
66	HVBS7MW-66	Coolant Tank (S/N: 8091100 and lower)		1
66N	HVBS7MW-66N	New Coolant Tank (S/N:80911001 and higher)		1
66-1	HVBS7MW-66-1N	Plastic Funnel (S/N: 80911001 and higher)		1
67	HVBS7MW-67	Hose Fitting		1
68	HVBS7MW-68	Hose Clamp		1
69	HVBS7MW-69	Hose		1
70	HVBS7MW-70	Saw Bow (S/N: 8091100 and lower)		1
70N	HVBS7MW-70N	Saw Bow (S/N: 8091101 and higher)		1
70N1	HVBS7MW-70N1	Saw Bow (JET Mark) (S/N: 010218161 and higher)		1
71	HVBS7MW-71	Vent Plug *		1
72	HVBS7MW-72	Gear Box Cover *		1
73	HVBS7MW-73	Gear Box Gasket *		1
74	HVBS7MW-74	Worm Gear *(S/N: 00114808 and lower)		1
74N	HVBS7MW-74N	Worm Gear *(S/N: 00114809 and higher)		1
75	TS-051061	Hex Cap Bolt *	5/16"x1-1/4"	1
76	BB-6005Z	Ball Bearing *		3
77	HVBS7MW-77	C-Ring *	R-47	2
78	HVBS7MW-78	Oil Seal *		1
79	HVBS7MW-79	Gear Box *		1
80	HVBS7MW-80	Blade Wheel (S/N: 00114808 and lower)		1
80N	HVBS7MW-80N	Blade Wheel (S/N: 00114809 and higher)		1
81	HVBS7MW-81	Worm Bushing *		1
82	HVBS7MW-82	Bi-Metal Blade		1
83	HVBS7MW-83	Wheel Cover		1
84	HVBS7MW-84	Rear Wheel Cover		1
85	HVBS7MW-85	Plum Screw		2
86	HVBS7MW-86	Lock Knob		2
87	HVBS7MW-87	Adjustable Bracket (right)		1
88	BB-608ZZ	Ball Bearing		2
89	HVBS7MW-89	Adjustable Blade Seat (right)		1
90	HVBS7MW-90	Bearing Pin		2
91	HVBS7MW-91	Eccentric Shaft Assembly (outside)		2
91A	HVBS7MW-91A	Center Shaft Assembly(inside)(S/N: 80910747 and higher)		2
	BB-608ZZ	Ball Bearing (not shown)		8
	HVBS7MW-91-2	Eccentric Shaft (outside) (not shown)		2

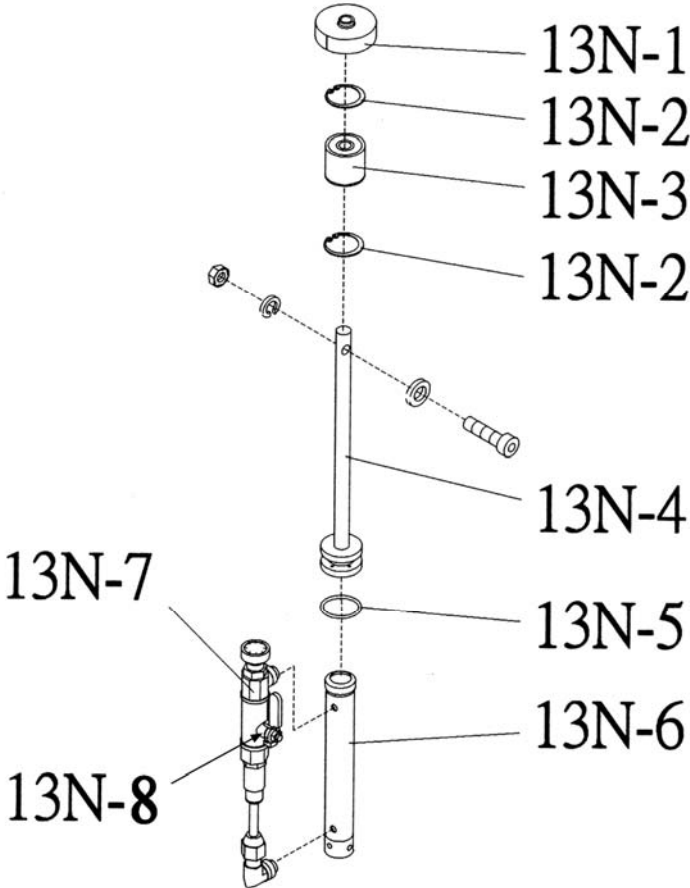
Index No	Part No	Description	Size	Qty
	HVBS7MW-91A-2	Center Shaft (inside)(S/N: 80910747 and higher)		2
	HVBS7MW-91-3	C-Ring (<i>not shown</i>)		4
92	TS-0561031	Hex Nut	3/8"	4
93	TS-081F021	Flat Head Machine Screw	1/4"x3/8"	2
94	HVBS7MW-94	Vertical Cutting Plate		1
95	HVBS7MW-95	Top Support **		1
96	TS-0813032	Round Head Screw	1/4"x1/2"	4
97	TS-0680021	Flat Washer	1/4"	12
98	HVBS7MW-98	Brush Holder		1
99	TS-0060111	Hex Cap Bolt	3/8"x2-1/2"	2
100	HVBS7MW-100	Brush		1
101	HVBS7MW-101	Nozzle Cock		1
102	TS-0267021	Set Screw	1/4"x1/4"	3
103	HVBS7MW-103	Nozzle Cock Support		1
104	HVBS7MW-104	Valve		1
105	TS-0208071	Hex Socket Cap Screw	5/16"x1-1/4"	2
106	HVBS7MW-106	Adjustable Bracket (left)		1
107	HVBS7MW-107	Adjustable Blade Seat (left)		1
108	HVBS7MW-108	Blade Guard		1
109	HVBS7MW-109	Brush Support		1
110	TS-0050011	Hex Cap Bolt	1/4"x1/2"	7
111	HVBS7MW-111	Guide Plate		2
112	HVBS7MW-112	Set Screw	5/16"x3/4"	1
113	TS-0051071	Hex Cap Bolt	5/16"x1-1/2"	2
114	HVBS7MW-114	Blade Tension Block		1
115	HVBS7MW-115	Sliding Draw Block		1
116	HVBS7MW-116	Switch Cut-Off Bracket		1
117	HVBS7MW-117	Bearing Bushing		1
118	BB-6203Z	Ball Bearing		2
119	HVBS7MW-119	Blade Wheel (left)		1
120	HVBS7MW-120	Blade Tension Handwheel		1
121	HVBS7MW-121	Vertical Cutting Plate		1
122	VB-3V270	V-Belt		1
123	HVBS7MW-123	Worm Pulley		1
124	HVBS7MW-124	Motor Pulley		1
125	HVBS7MW-125	Hex Head Screw	1/4"x3/8"	2
126	HVBS7MW-126	Pulley Cover		1
127	HVBS7MW-127	Lock Screw		1
128	TS-0720071	Lock Washer	1/4"	1
129	HVBS7MW-129	Motor		1
	HVBS7MW-129A	Motor Fan (<i>not shown</i>)		1
	HVBS7MW-129B	Motor Fan Cover (<i>not shown</i>)		1
130	HVBS7MW-130	Motor Mount Plate		1
131	HVBS7MW-131	C-Ring *	S-17	1
132	BB-6003Z	Ball Bearing *		3
134	HVBS7MW-134	Oil Seal *		1
135	HVBS7MW-135	Bearing Bushing *		1
136	HVBS7MW-136	Worm Shaft *		1
137	HVBS7MW-137	Support Plate		1
138	HVBS7MW-138	Motor Support Plate		1
139	HVBS7MW-139	Hex Cap Bolt	1/2"x1-1/4"	1
139A	HVBS7MW-139A	Hex Cap Bolt	1/2"x1-3/16"	1
140	TS-0720111	Lock Washer	1/2"	2
141	HVBS7MW-141	Key	5x20mm	1
142	HVBS7MW-142	Key *	6x20mm	2
143	HVBS7MW-143	Hose Clamp		3
143A	HVBS7MW-143A	Round Head Screw	3/16"x3/8"	3

Index No	Part No	Description	Size	Qty
144	HVBS7MW-144	Bearing Bushing		1
145	HVBS7MW-145	Flat Washer	3/8"	4
146	HVBS7MW-146	Cross Screw	1/8"x1/4"	2
147	HVBS7MW-147	Flat Washer	1/8"	2
148	HVBS7MW-148	Strain Relief Bushing		2
149	HVBS7MW-149	Strain Relief		2
150	HVBS7MW-150	E-Ring	E-7	2
151	HVBS7MW-151	Support Screw		1
152	HVBS7MW-152	Bracket		1
	HVBS7MW-152A	Arm Stop Assembly CP		1
153	HVBS7MW-153	Spring		1
154	HVBS7MW-154	Spring Cap		1
155	HVBS7MW-155	Hex Socket Cap Screw	3/16"x1/2"	1
156	TS-0561031	Nut	3/8"	1
157	TS-0710091	Lock Washer	3/8"	2
158	TS-0060051	Hex Cap Bolt	3/8"x1"	1
159	HVBS7MW-159	Hex Cap Bolt	5/16"x3/4"	1
160	HVBS7MW-160	Hex Cross Head Bolt w/ Lock Washer *	1/4x5/8	4
	HVBS7MW-GB	Gear Box Assembly (<i>not shown</i>)(index #161 thru 163) (S/N: 070935060 and higher)		1
161	TS-0206021	Socket Head Cap Screw*	3/16"x1/2"	3
162	HVBS7MW-162	Block Plate*		1
163	TS-0271032	Socket Set Screw*	3/8"x3/8"	1
164	HVBS7MW-164	Fix bracket		1

* included in HVBS7MW-GB Gear Box Assembly

** included in HVBS7MW-13-RK Cylinder Repair Kit

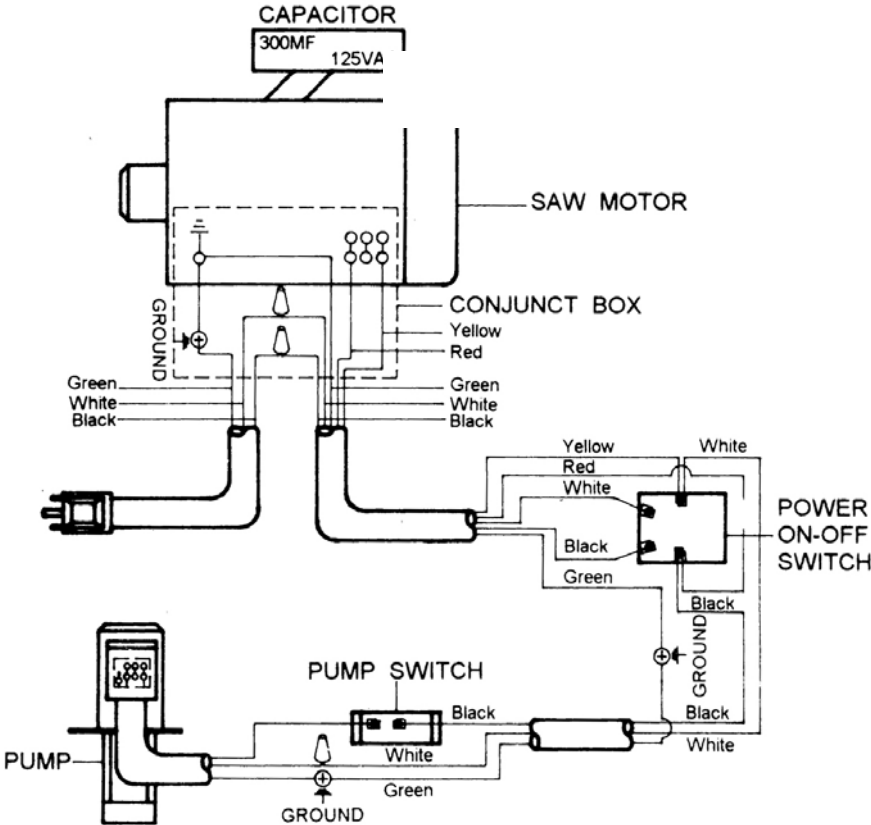
10.2.1 HVBS-7MW Cylinder Assembly – Exploded View



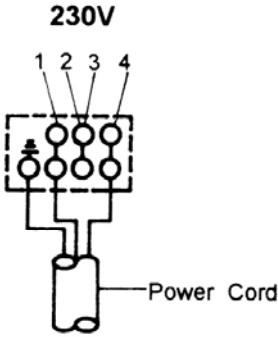
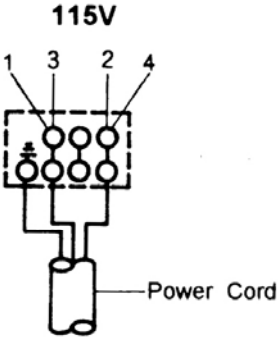
10.2.2 HVBS-7MW Cylinder Assembly – Parts List

Index No	Part No	Description	Size	Qty
13N	HVBS17MW-13N	Cylinder Complete Assembly (S/N: 01028161 and higher)		1
	HVBS17MW-13N-1	Dust Cover		1
	HVBS17MW-13N-2	C-Ring		2
	HVBS17MW-13N-3	Oil Seal		1
	HVBS17MW-13N-4	Oil Piston		1
	HVBS17MW-13N-5	O-Ring		1
	HVBS17MW-13N-6	Cylinder Body		1
	HVBS17MW-13N-7	Oil Pressure Regulator		1
	HVBS17MW-13N-8	Open/Close Valve		1

11.0 Electrical Connections



Main Motor Dual Voltage Wiring



Coolant Pump Dual Voltage Wiring

