



Operating Instructions and Parts Manual Horizontal-Vertical Band Saw

Models HVBS-712, HVBS-712D

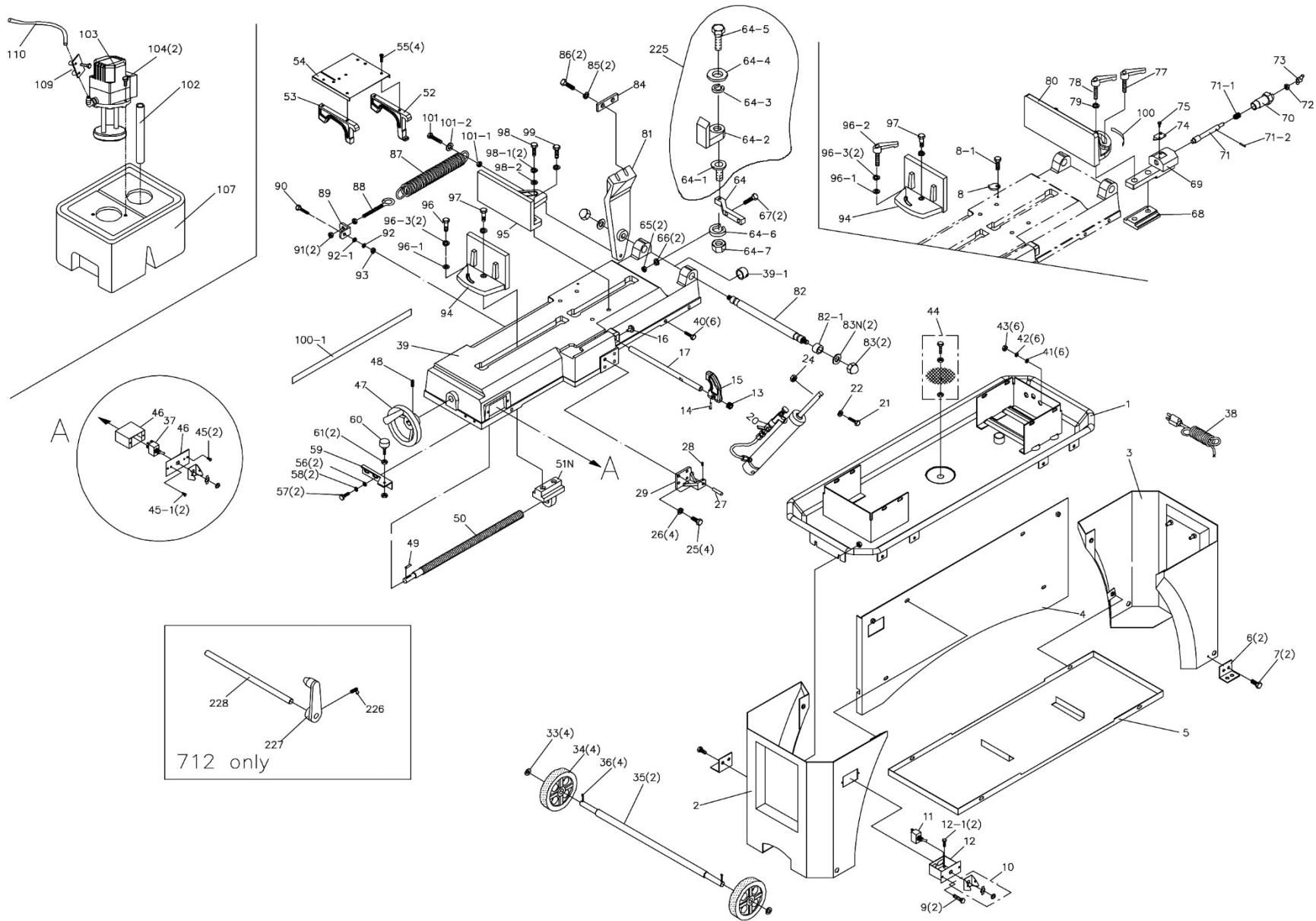


HVBS-712D Deluxe model shown

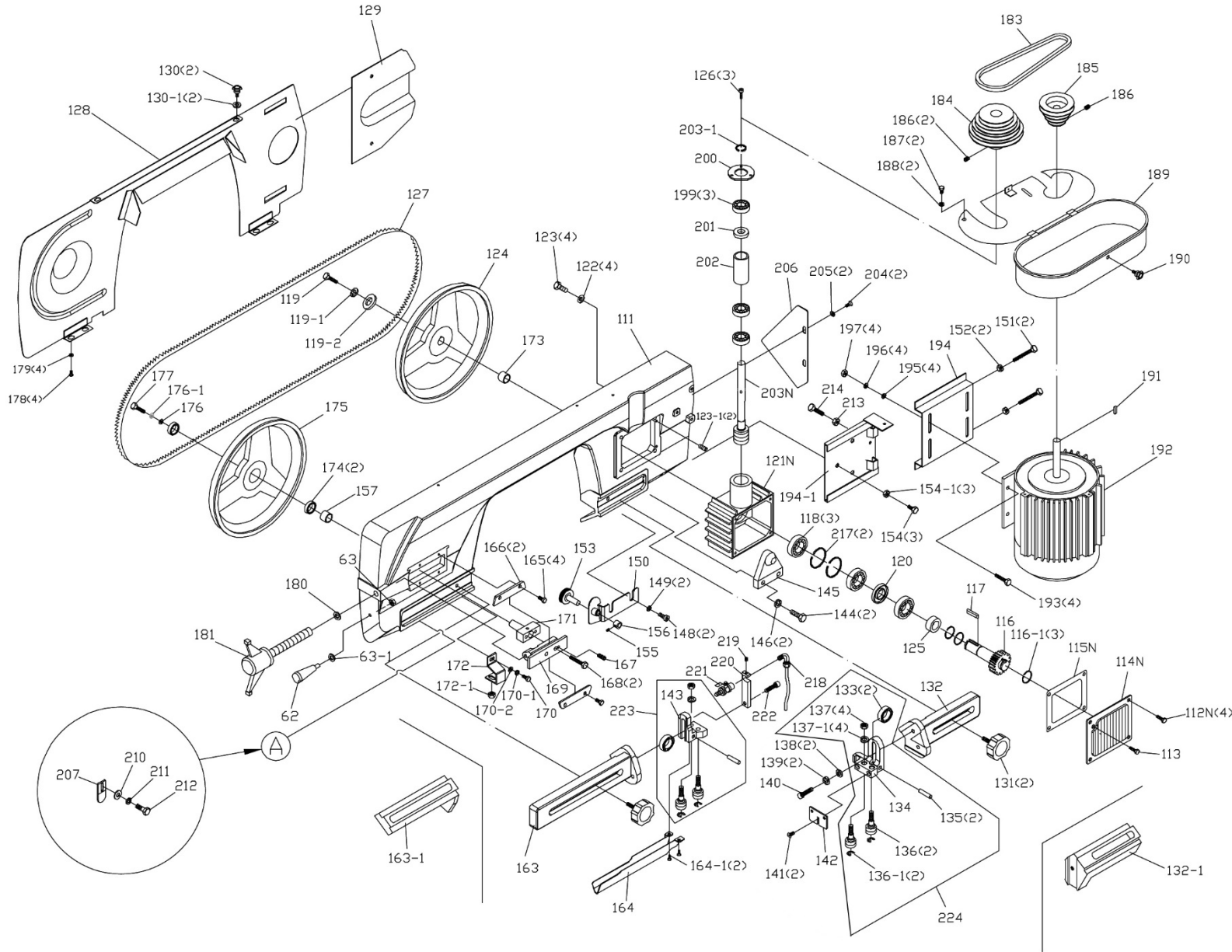
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12.1.1 HVBS-712/712D Bed and Stand Assembly – Exploded View



12.1.2 HVBS-712/712D Bow Assembly – Exploded View



12.1.3 HVBS-712/712D – Parts List

Index No	Part No	Description	Size	Qty
	HVBS712-SA	Stand Assembly (includes #1 thru 5)		1
1	HVBS712-01	Water Tray		1
2	HVBS712-02	Stand – Left		1
3	HVBS712-03	Stand – Right		1
4	HVBS712-04	Front Plate		1
5	HVBS712-05	Pump Support Plate		1
6	HVBS712-06	Shipping Brace		2
7	TS-0051011	Hex Cap Screw	5/16" x 1/2"	2
8	HVBS712-08	90-Degree Plate		1
8-1	TS-081F032	Phillips Pan Head Machine Screw	1/4" x 1/2"	1
9	6293226	Phillips Pan Head Machine Screw	3/16" x 3/8"	2
10	HVBS712-10	Switch Guard Kit		1
11	HVBS712-11	Toggle Switch		1
	HVBS712-11A	Toggle Switch with Guard Assembly (includes #10,11)		1
12	HVBS712-12	Electrical Box		1
12-1	5711571	Phillips Pan Head Machine Screw	3/16"x1/4"	2
13	HVBS712-13	Threaded Collar (712D only)		1
14	HVBS712-14	Plastic Knob (712D only)	1/4" x 1/2"	1
15	HVBS712-15	Work Stop (712D only)		1
16	HVBS712-16	Knob	1/4" x 1/2"	1
17	HVBS712-17	Work Stop Rod (712D only)		1
20	HVBS712-18	Hydraulic Cylinder Assembly		1
21	TS-1505061	Socket Head Cap screw	M10x40	1
22	TS-1550071	Flat Washer	M10	1
24	TS-1540071	Hex Nut	M10	1
25	TS-0060051	Hex Cap Screw	3/8" x 1"	4
26	TS-0720091	Lock Washer	3/8"	4
27	HVBS712-27	Cylinder Support Shaft		1
28	TS-0267041	Set Screw	1/4" x 3/8"	1
29	HVBS712-29	Lower Cylinder Support		1
33	TS-0680081	Flat Washer *	5/8"	4
34	5518229N	Wheel	8"	4
35	HVBS712-35	Wheel Shaft		2
36	5518231N	Cotter Pin *		4
37	HVBS7MW-31AN	Toggle Switch with Guard Assembly		1
38	HVBS7MW-26	Power Cord	18AWGx3C	1
	HVBS7MW-26-1	Power Cord for Motor (not shown)		1
	HVBS7MW-26-2	Power Cord for Pump (not shown)		1
39	HVBS712-39	Bed		1
39-1	HVBS712-39-1	Strain Relief	MG16A-10B	1
40	TS-0051051	Hex Cap Screw	5/16 "x 1"	6
41	TS-0680031	Flat Washer	5/16"	5
42	TS-0720081	Lock Washer	5/16"	5
43	TS-0561021	Hex Nut	5/16"	5
44	HVBS7MW-29	Filter Assembly		1
45	HVBS7MW-30	Pan Head Cross Screw	3/16" x 3/8"	2
45-1	5711571	Phillips Pan Head Machine Screw	3/16"x1/4"	2
46	HVBS712-46	Main Switch Box		1
47	HVBS712-47	Handwheel		1
48	TS-0270031	Set Screw	5/16" x 3/8"	1
49	HVBS712-49	Round Key	5x20	1
50	HVBS712-50	Lead Screw		1
51N	HVBS7MW-35	Nut Seat		1
52	HVBS712-52	Support B (712D only)		1
53	HVBS712-53	Support A (712D only)		1
54	HVBS712-54	Table Plate		1
55	F010696	Socket Head Flat Screw *	1/4" x 3/8"	4
56	TS-0680031	Flat Washer	5/16"	2
57	TS-0051031	Hex Cap Screw	5/16" x 5/8"	2
58	TS-0720081	Lock Washer	5/16"	2

Index No	Part No	Description	Size	Qty
59	HVBS7MW-37	Support Plate		1
60	HVBS7MW-38	Stop Screw		1
61	TS-0561021	Hex Nut	5/16"	2
62	HVBS712-62	Plastic Knob	M12	1
63	TS-1540081	Hex Nut	M12	1
63-1	TS-2360121	Flat Washer	M12	2
64	HVBS7MW-41	90 degree Support		1
64-1	HVBS7MW-151	Support Screw		1
64-2	HVBS7MW-152	Bracket		1
64-3	HVBS7MW-153	Spring		1
64-4	HVBS7MW-154	Spring Cap		1
64-5	HVBS7MW-155	Socket Head Cap Screw	3/16" x 1/2"	1
64-6	TS-0720091	Lock Washer	3/8"	1
64-7	TS-0561031	Hex Nut	3/8"	1
65	TS-0561031	Hex Nut	3/8"	2
66	TS-0720091	Lock Washer	3/8"	2
67	TS-0060071	Hex Cap Screw	3/8" x 1-1/2"	2
68	HVBS712-68	T- Block		1
69	HVBS712-69	Miter Vise Support Bracket		1
70	HVBS712-70	Angle Lock Screw		1
71	HVBS712-71	Locking Pin		1
71-1	HVBS712-71-1	Spring		1
71-2	JNS7033-33	Roll Pin	Ø3x25L	1
72	TS-0561011	Hex Nut	1/4"	1
73	HVBS712-73	Plastic Knob	1/4"	1
74	HVBS712-74	Indicator		1
75	HVBS710S-175	Round Cross Screw	3/16" X 1/4"	2
77	HVBS712-77	Quick Handle	1/2" x 1-1/2"	1
78	HVBS712-78	Quick Handle	1/2" x 2-1/2"	1
79	TS-0680061	Flat Washer	1/2"	1
80	HVBS712-80	Vise Jaw, Right (712D only)	Deluxe model	1
81	HVBS712-81	Pivot Arm		1
82	HVBS712-82	Support Shaft	Ø22	1
82-1	HVBS712-82-1	Spacer		1
83	HVBS712-83	Locking Nut	1/2"	2
83N	TS-0680061	Flat Washer	1/2"	2
84	HVBS7MW-60	Arm Support Plate		1
85	TS-0720091	Lock Washer	3/8"	2
86	TS-0060071	Hex Cap Screw	3/8" x 1-1/2"	2
87	HVBS712-87	Extension Spring		1
88	HVBS712-88	Eye Bolt		1
89	HVBS712-89	Spring Bracket		1
90	TS-0051051	Hex Cap Screw	5/16" x 1"	2
91	TS-0561031	Hex Nut	3/8"	2
92	TS-0720081	Lock Washer	5/16"	1
92-1	TS-0680031	Flat Washer	5/16"	1
93	TS-0561021	Hex Nut	5/16"	1
94	HVBS712-94	Vise Jaw – Left (712 & 712D)	Deluxe Model	1
95	HVBS7MW-58	Vise Jaw – Right (712 only)	Base Model	1
96	TS-0060071	Hex Cap Screw	3/8 x 1-1/2"	1
96-1	TS-0680041	Flat Washer	3/8"	2
96-2	HVBS712-96-2	Quick Handle	3/8" x 1-1/2"	1
96-3	TS-0720091	Lock Washer	3/8"	2
97	TS-0060071	Hex Cap Screw (712 only)	3/8" x 1-1/2"	1
98	TS-0070031	Hex Cap Screw	1/2" x 1-1/2"	1
98-1	TS-0720111	Lock Washer	1/2"	2
98-2	TS-0680061	Flat Washer	1/2"	1
99	TS-0100041	Hex Cap Screw	1/2" x 1-1/4"	1
100	HVBS712-100	Scale (712D only)	Deluxe Model	1
100-1	HVBS712-100-1	Scale (712 only)	Base Model	1
101	TS-0209081	Socket Head Cap Screw	3/8" x 1-3/4"	1
101-1	TS-0561031	Nut	3/8"	1

Index No	Part No	Description	Size	Qty
101-2	TS-0680041	Flat Washer	3/8"	1
102	HVBS712-102W	Hose	1"	1
103	HVBS712-103W	Coolant Pump	1/8HP 115/230V	1
104	TS-0050031	Hex Cap Screw	1/4" x 3/4"	4
107	HVBS712-107N	Coolant Tank		1
109	HVBS7MW-68	Hose Clamp	13mm	1
110	HVBS712-110W	Hose	5/16"	1
111	HVBS712-111W	Bow		1
112N	HVBS712-112N	Hex Cross Head Bolt	1/4" X1/2"	4
113	HVBS7MW-71	Vent Plug		1
114N	HVBS7MW-72G	Gear Box Cover		1
115N	HVBS7MW-73	Gear Box Gasket		1
116	HVBS712-116N	Worm Gear		1
116-1	HBS916W-49	C-Ring	S25	1
117	HVBS7MW-142	Key	6x6x20	1
118	BB-6005Z	Ball Bearing	6005	3
119	TS-0060051	Hex Cap Screw	3/8" x 1"	1
119-1	TS-0720091	Lock Washer	3/8"	1
119-2	HVBS7MW-145	Flat Washer	3/8"x35x4	1
120	HVBS7MW-78	Oil Seal	25. 47. 7	1
121N	HVBS7MW-79G	Gear Box		1
122	TS-0720081	Lock Washer	5/16"	4
123	TS-0081051	Hex Cap Screw	5/16" x 1-1/4"	4
123-1	TS-0207072	Socket Head Cap Screw	1/4" X 1/4"	2
124	HVBS7MW-80N	Blade Drive Wheel		1
125	HVBS7MW-81	Worm Bushing		1
126	TS-0206021	Socket Head Cap Screw	3/16" x 3/8"	3
127	414304	Bi-Metal Blade	3/4x0.035x93 6/10VT	1
128	HVBS712-128W	Rear Guard		1
129	HVBS7MW-83	Wheel Cover		1
130	HVBS7MW-85	Plum Screw		2
130-1	TS-0680021	Flat Washer	1/4"	2
131	HVBS7MW-86	Lock Knob		2
132	HVBS712D-132	Adjustable Bracket – Right (712D only)	Deluxe Model	1
132-1	HVBS7MW-87	Adjustable Bracket – Right (712 only)	Base Model	2
133	BB-608ZZ	Ball Bearing	608ZZ	2
134	HVBS712-134W	Adjustable Blade Seat – Right		1
135	HVBS7MW-90	Bearing Pin		2
136	HVBS7MW-91	Eccentric Shaft Assembly (outside)		2
136-1	HVBS7MW-91A	Center Shaft Assembly (inside)		2
137	TS-0561031	Hex Nut	3/8" x 24UNF	4
137-1	TS-0720091	Lock Washer	3/8"	4
138	TS-0680031	Flat Washer	5/16"	2
139	TS-0720081	Lock Washer	5/16"	2
140	HVBS712-140W	Hex Socket Cap Screw	5/16" x 1-1/8"	1
141	HVBS712-141W	Flat Pan Head Screw	1/4" X 3/8"	2
142	HVBS712-142	Deflector Plate		1
143	HVBS712-143W	Adjustable Blade Seat – Left		1
144	TS-0060031	Hex Cap Screw	3/8" X 3/4"	2
145	HVBS712-145N	Upper Cylinder Support		1
146	TS-0720091	Lock Washer	3/8"	2
148	TS-0813032	Round Head Screw	1/4" x 1/2"	2
149	TS-0680021	Flat Washer	1/4"	2
150	HVBS712-150N	Brush Holder		1
151	TS-0051071	Hex Cap Screw	5/16" X 1-1/2"	2
152	TS-0561021	Nut	5/16"	2
153	HVBS7MW-100	Wire Brush		1
154	TS-0051021	Hex Cap Screw	5/16" x 5/8"	3
154-1	TS-0720081	Lock Washer	5/16"	3
155	TS-0267021	Set Screw	1/4"	1
156	HVBS7MW-109	Brush Support		1
157	HVBS712-157W	Bearing Bushing – Left		1

Index No	Part No	Description	Size	Qty
163	HVBS712D-163	Adjustable Bracket – Left (712D only)	Deluxe Model	1
163-1	HVBS712-163-1	Adjustable Bracket – Left (712 only)	Base model	1
164	HVBS712-164W	Blade Guard		1
164-1	HVBS712-164-1	Round Head Screw	3/16" x 1/4"	2
165	TS-0050011	Hex Cap Screw	1/4" x 1/2"	4
166	HVBS7MW-111	Guide Plate		2
167	TS-0270071	Set Screw	5/16" x 3/4"	1
168	TS-0051071	Hex Cap Screw	5/16" x 1-1/2"	2
169	HVBS712-169W	Blade Tension Block		1
170	TS-0050011	Hex Cap Screw	1/4" x 1/2"	1
170-1	TS-0720071	Lock Washer	1/4"	1
170-2	TS-0680021	Flat Washer	1/4"	1
171	HVBS712-171	Sliding Draw Block		1
172	HVBS7MW-164	Shipping Bracket (for shipping purposes only)		1
172-1	TS-0561021	Nut	5/16"	1
173	HVBS712-173W	Bearing Bushing – Right		1
174	BB-6203ZZ	Ball Bearing	6203ZZ	2
175	HVBS7MW-119	Blade Idler Wheel		1
176	TS-0680031	Flat Washer	5/16"	1
176-1	TS-0720081	Lock Washer	5/16"	1
177	TS-0081031	Hex Cap Screw	5/16" x 3/4"	1
178	TS-081F031	Round Head Screw	1/4" x 1/2"	2
179	TS-0680021	Flat Washer	1/4"	2
180	TS-0680041	Flat Washer	3/8"	1
181	HVBS712-181W	Blade Tension Handle		1
183	VB-3V270	V-Belt	3V270	1
184	HVBS7MW-123	Worm Pulley		1
185	HVBS7MW-124	Motor Pulley		1
186	TS-0267041	Set Screw	1/4" X 3/8"	3
187	HVBS7MW-125	Hex Cap Screw *	1/4" X 1/2"	2
188	TS-0680021	Flat Washer *	1/4"	2
189	HVBS7MW-126	Pulley Cover		1
190	HVBS7MW-127	Lock Screw *		1
191	HVBS7MW-141	Key	5x5x20	1
192	HVBS7MW-129	Motor	3/4HP 1PH	1
	HVBS7MW-129A	Motor Fan (not shown)		1
	HVBS7MW-129B	Motor Fan Cover (not shown)		1
	HVBS7MW-129C	Capacitor Cover (not shown)		1
	HVBS7MW-JBC	Junction Box Cover (not shown)		1
	HVBS7MW-129SC	Start Capacitor (not shown)	300MFD 125VAC	1
193	TS-0081051	Hex Cap Screw	5/16" x 1"	4
194	HVBS7MW-130G	Motor Mount Plate (upper)		1
194-1	HVBS7MW-138G	Motor Support Plate (bottom)		1
195	TS-0680031	Flat Washer	5/16"	4
196	TS-0720081	Lock Washer	5/16"	4
197	TS-0561021	Hex Nut	5/16"	4
199	BB-6003Z	Ball Bearing	6003	3
200	HVBS7MW-162	Block Plate		1
201	HVBS7MW-134	Oil Seal	17 x 35 x 7	1
202	HVBS7MW-135	Bearing Bushing		1
203N	HVBS712-203N	Worm Shaft		1
203-1	HVBS7MW-131	C-Ring	S17	1
204	TS-0050021	Hex Cap Screw	1/4" X 5/8"	2
205	TS-0680021	Flat Washer	1/4"	2
206	HVBS7MW-137	Rubber Flap		1
207	HVBS7MW-116	Switch Cut-Off		1
210	TS-0680021	Flat Washer	1/4"	1
211	TS-0720071	Lock Washer	1/4"	1
212	TS-0050011	Hex Cap Screw	1/4" x 1/2"	1
213	TS-0561021	Hex Nut	5/16"	1
214	TS-0051071	Hex Cap Screw	5/16" X 1-1/2"	1
217	HVBS7MW-77	C-Ring	R47	2

Index No	Part No	Description	Size	Qty
218	HVBS7MW-101	Nozzle Cock		1
219	TS-0267021	Set Screw	1/4"x1/4"	3
220	HVBS7MW-103	Nozzle Cock Support		1
221	HVBS7MW-104	Valve		1
222	HVBS710S-166	Hex Socket Cap Screw	5/16" X 1-1/8"	2
223	HVBS712-218W	Left Blade Guide Assembly		1
224	HVBS712-219W	Right Blade Guide Assembly		1
225	HVBS7MW-152A	Arm Stop Assembly CP (incl. #64-1 thru 64-5)		1
226	HVBS7MW-44	Thumb Screw (712 only)	Base model	1
227	HVBS7MW-45	Stop Block (712 only)	Base model	1
228	HVBS7MW-46	Stop Rod (712 only)	Base model	1
	JET-113	JET Logo with 3M Adhesive (not shown)	113 x 47mm	1
	LM000136	ID Label HVBS-712 (not shown)	Base model	1
	LM000137	ID Label HVBS-712D (not shown)	Deluxe model	1
	LM000138	Motor Label (not shown)		1
	HBS1018W-205	Warning Label (not shown)		1
	HVBS712-HP	Hardware Package (includes items with *)		