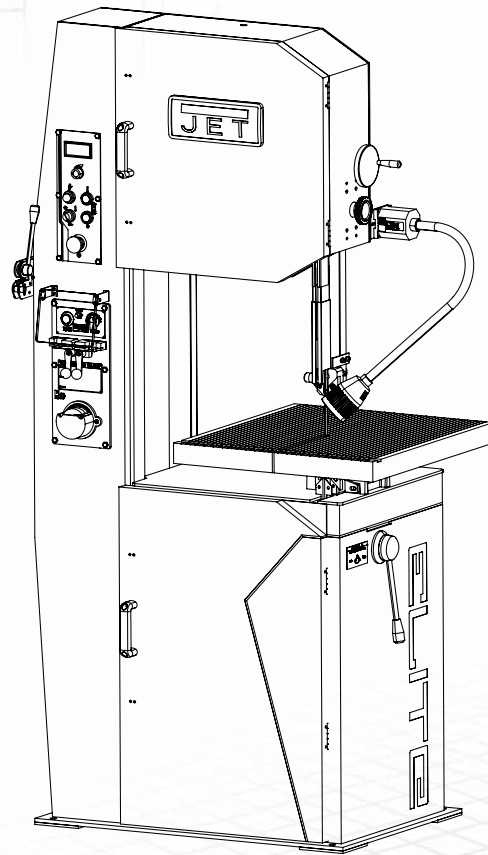


ELITE

HIGH PERFORMANCE MACHINERY

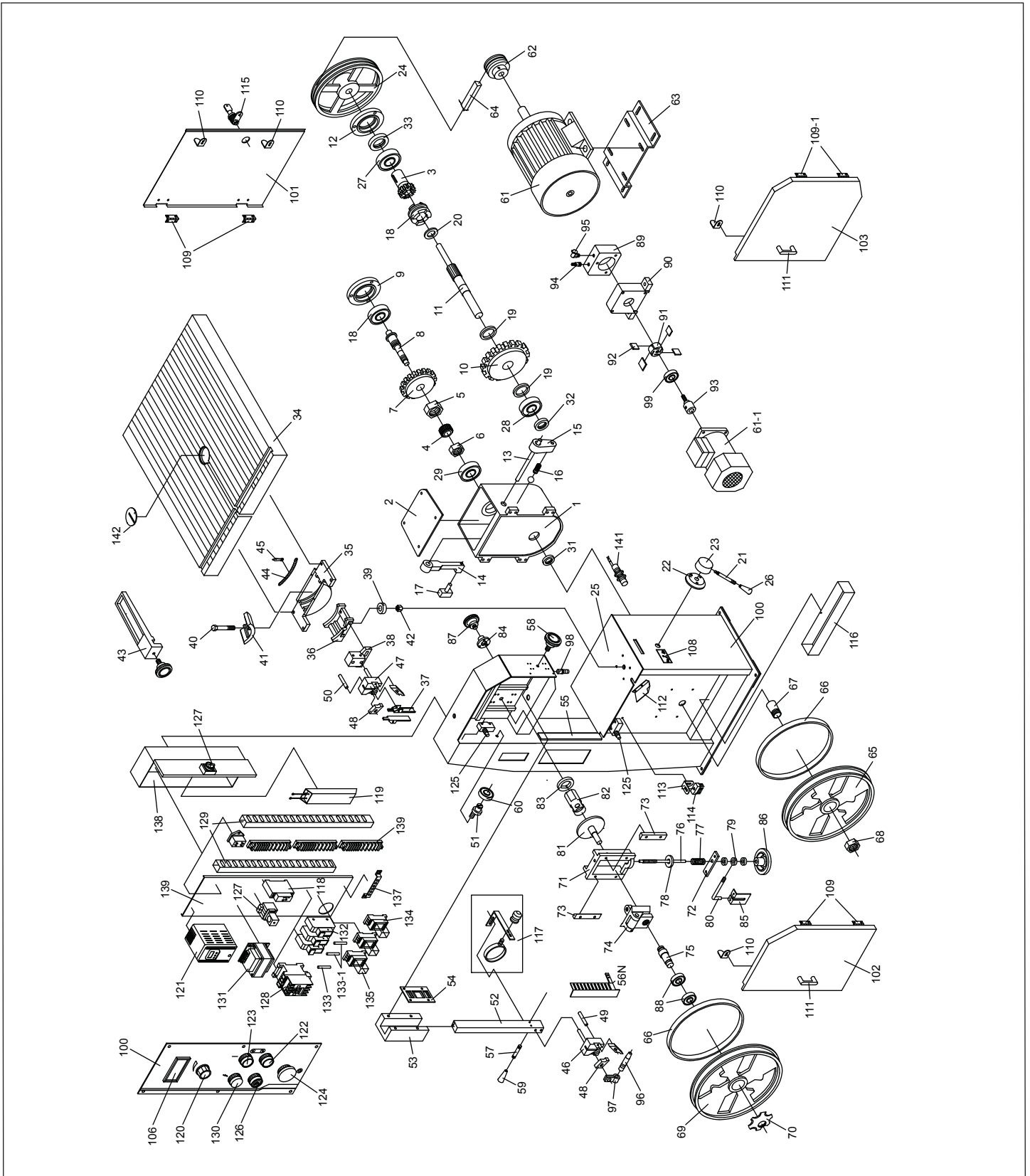
Operating Instructions and Parts Manual
Vertical Band Saw
Model EVBS-20



JET®
427 New Sanford Road
LaVergne, Tennessee 37086
www.jettools.com
Ph.: 855-336-4032

Part No. M-891100
REV C1 06/2015
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BREAKDOWN ASSEMBLY — EVBS-20





ASSEMBLY PARTS LIST — EVBS-20

Index No.	Part No.	Description	Size	Qty.
1	EVBS20-0500	Gear Box		1
2	EVBS20-0510	Gear Box Cover		1
3	EVBS20-0520	Gear		1
4	EVBS20-0521	Gear		1
5	EVBS20-0530	Screw Nut		1
6	EVBS20-0531	Screw Nut		1
7	EVBS20-0540	Gear		1
8	EVBS20-0550	Gear Shaft		1
9	EVBS20-0560	Shaft Cover		1
10	EVBS20-0570	Gear		1
11	EVBS20-0580	Main Shaft		1
12	EVBS20-0591	Main Shaft Cover		1
13	EVBS20-0600	Speed Changing Shaft		1
14	VBS2012-0610	Speed Changing Arm		1
15	VBS2012-0611	Shaft Stopper		1
16	VBS2012-0612	Spring		1
17	VBS2012-0620	Slide Block		1
18	EVBS20-0630	Clutch		1
19	EVBS20-0631	Brass Bracket		2
20	EVBS20-0632	Brass Bracket		1
21	VBS2012-0700	Speed Changing Lever		1
22	VBS2012-0740	Shaft Housing		1
23	VBS2012-0790	Speed Lever Right		1
24	EVBS20-0770	Pulley		1
25	EVBS20-7310	Speed Readout Detector		1
26	EVBS20-9221	Lever Knob		1
27	BB-6008	Ball Bearing	6008ZZ	1
28	BB-6206	Ball Bearing	6206ZZ	1
29	BB-6303	Ball Bearing	6303Z	1
30	BB-6304	Ball Bearing	6304Z	1
31	EVBS20-L4030	Oil Seal	7*30*40	1
32	EVBS20-L5230	Oil Seal	7*30*52	1
33	EVBS20-L5840	Oil Seal	8*40*58	1
34	EVBS20-1010	Work Table		1
	EVBS20-1010N	Work Table (s/n 13082031 and higher)		1
35	EVBS20-1020	Table Support Frame		1
36	EVBS20-1090	Table Support Housing		1
37	VBS2012-1080	Blade Guard		2
38	EVBS20-1100	Guide Support Housing		1
39	EVBS20-1130	Special Washer		1
40	EVBS20-1140	Bolt		1
41	EVBS20-1150	Slider		1
42	EVBS20-1160	Nut		1
43	EVBS20-1550	Rip Fence + Lock Knob		1
44	EVBS20-8743	Tilt Instruction		1
45	EVBS20-9700	Indicator Needle		1
46	EVBS20-1311	Guide Support, Upper		1
47	EVBS20-1312	Guide Support, Lower		1

Index No.	Part No.	Description	Size	Qty.
48	EVBS20-1320	Blade Guide		4
49	EVBS20-1331	Blade Stopper, Upper		1
50	EVBS20-1332	Blade Stopper, Lower		1
51	VBS2012-1333	Eccentric Shaft		1
52	EVBS20-1350	Blade Guide Post		1
53	EVBS20-1360	Guide Post Housing		1
54	EVBS20-1361	Post Clamping Spring		1
55	EVBS20-1370	Blade Guard, Left		1
56	EVBS20-1381	Blade Guard, Right		1
56N	EVBS26-1380	Blade Guard Assembly (s/n 13082031 and higher)		1
57	EVBS20-1390	Post Housing Pin		1
58	EVBS20-9017	Guide Post Lock		1
59	EVBS20-9211	Handle Knob		1
60	BB-6201	Ball Bearing		1
61	VBS2012-2000	Main Drive Motor		1
61-1	EVBS20-2001	Air Pump	2HP 230V 3Ph	1
	EVBS20-2001N	Air Pump	115V	1
62	EVBS20-2010	Motor Pulley		1
63	EVBS20-2020	Motor Seat		1
64	VB-A56	V-Belt, 7071+2010	A56	2
65	VBS2012A-301	Lower Wheel		1
66	VBS2012A-302	Rubber Tire		2
67	VBS2012-3030	Taper Sleeve		1
68	VBS2012-3040	Wheel Locking Nut		1
69	VBS2012A-305	Upper Wheel		1
70	VBS2012-3060	Upper Wheel Lock		1
71	VBS2012-3080	Slide Block Housing		1
72	VBS2012-3090	Slide Block Seat		1
73	VBS2012-3100	Slide Block Guide		2
74	VBS2012-3110A	Upper Wheel Slider		1
75	EVBS20-3116	Slider Screw Shaft		1
76	VBS2012-3120	Wheel Elevate Shaft		1
77	VBS2012-3121	Spring		1
78	VBS2012-3150	Washer		1
79	VBS2012-3180	Indicator Ring		3
80	VBS2012-3190	Tension Indicator		1
81	VBS2012-3200	Wheel Tilt Adjuster		1
82	VBS2012-3220	Wheel Tilt Connector		1
83	VBS2012-3240	Connector Washer		1
84	EVBS20-3251	Connector Housing		1
85	VBS2012-8712	Indicator Plate		1
86	EVBS20-9031	Handwheel		1
87	EVBS20-9061	Tilt Adjust Handwheel		1
88	BB6305	Ball Bearing	6305	2
89	EVBS20-4011	Air Pump Housing		1
90	EVBS20-4021	Air Pump Cover		1
91	EVBS20-4031	Air Pump Rotator		1
92	EVBS20-4050	Air Pump Leave		4
93	EVBS20-4071	Connect Shaft		1
94	VBS2012-4140	Air Outlet		1

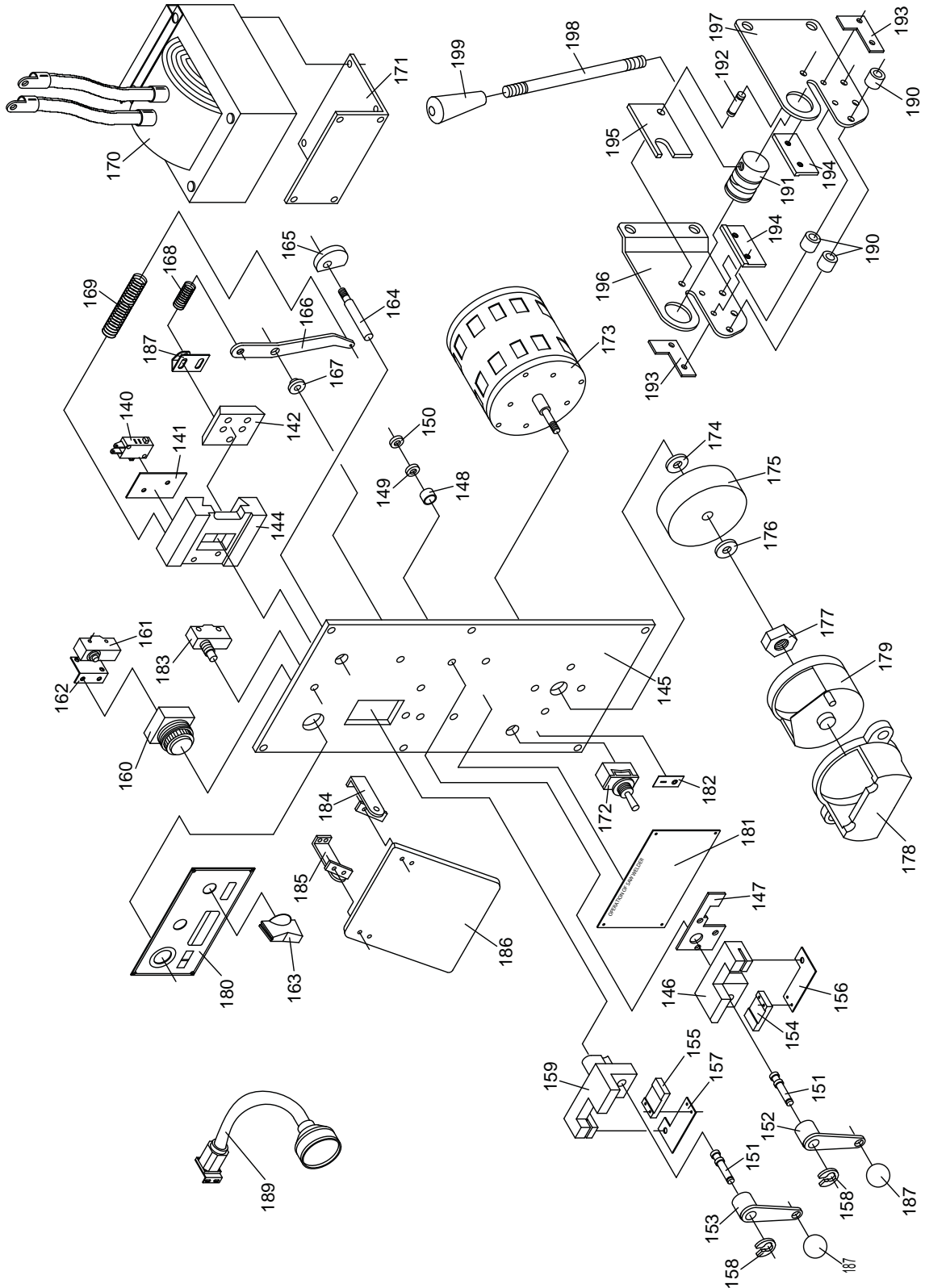


ASSEMBLY PARTS LIST — EVBS-20

Index No.	Part No.	Description	Size	Qty.
95	VBS2012-4150	Air Inlet		1
96	VBS2012-4170	Air Nozzle		1
97	VBS2012-4180	Air Nozzle Clipper		1
98	EVBS20-4490	Air Tube Connector		1
99	BB-6002	Ball Bearing	6002	1
100	EVBS20-5000	Main Body		1
101	EVBS20-5100	Rear Door, Right		1
102	EVBS20-5120	Lower Door		1
103	EVBS20-5140	Upper Door		1
105	VBS2012-7310	Speed Readout Detector		1
106	VBS2012-7330	Digital Tachometer		1
107	EVBS20-8111	Control Plate		1
108	EVBS20-8422	Gear Box Instruction		1
109	VBS2012-9310	Hinge		4
109-1	EVBS20-9300	Upper Door Hinge		2
110	VBS2012-9500	Spring Plate		4
111	EVBS20-9591	Handle Arm		2
112	EVBS20-9600	Chip Funnel		1
113	VBS2012-9780	Brusher Bracket		1
114	VBS2012-9790	Chip Brusher		1
115	EVBS20-9850	Key For Rear Door		1
116	EVBS20-9880	Chip Collector		1
117	EVBS20-9900	Magnifying Glass		1
118	EVBS20-6490	Timer		1
119	EVBS20-6510	Brake Resistor		1
120	EVBS20-6515	Blade Speed Adjust Knob		1
121	EVBS20-6530	Inverter		1
122	VBS2012-6602	Push Button, Off,		1
123	EVBS20-6605	Push Button, On		1
124	VBS2012-6610	Emergency Switch		2
125	VBS2012-6620	Security Switch		1
126	VBS2012-6650	Key Switch		1
127	EVBS20-6700	Main Power Switch		1
128	EVBS20-6712	Magnetic Switch		1
	EVBS20-6712-1	Magnetic Switch (s/n 13082031 and higher)		1
129	EVBS20-6730	Condenser		1
130	VBS2012-6741	Pilot Lamp, Green		1
131	VBS2012-6745	Voltage Reducer		2
132	EVBS20-6752	Fuse Seat		3
133	EVBS20-6752-1	Fuse	1 A	1
133-1	EVBS20-6752-3	Fuse	4 A	2
134	EVBS20-6760	Relay Seat		3
135	EVBS20-6765	Relay		3

Index No.	Part No.	Description	Size	Qty.
136	EVBS20-6770	Wire Housing		1
137	EVBS20-6771	Ground Seat		1
138	EVBS20-6798	Electric Box		1
139	EVBS20-6799	Wiring Plate		1
140	EVBS20-140	Bi-metal blade (not shown) 1/4"x0.025"x151.5" (14/18VT)		1
141	EVBS20-141	Sensor		1
142	EVBS20-142	Table Insert		1

WELDER COMPONENT ASSEMBLY — EVBS-20



PARTS LIST WELDER COMPONENT — EVBS-20

Index No.	Part No.	Description	Size	Qty.
140	EVBS20-601	Limit Switch		1
141	EVBS20-EV-6011	Insulator		1
142	EVBS20-EV-6020	Guide Block		1
143	EVBS20-EV-6021	Spring Bracket		1
144	EVBS20-EV-6030	Guide Casting		1
145	EVBS20-EV-6040	Housing		1
146	EVBS20-EV-6050	Stationary Jaw		1
147	EVBS20-EV-6051	Insulator		1
148	EVBS20-EV-6052	Insulating Tube		3
149	EVBS20-EV-6053	Washer, Insulate		3
150	EVBS20-EV-6054	Spacer		3
151	EVBS20-EV-6060	Eccentric Shaft		2
152	EVBS20-EV-6070	Clamp Lever, Right		1
153	EVBS20-EV-6071	Clamp Lever, Left		1
154	EVBS20-EV-6100	Clamp Support, Right		1
155	EVBS20-EV-6101	Clamp Support, Left		1
156	EVBS20-EV-6110	Clamp Plate, Right		1
157	EVBS20-EV-6111	Clamp Plate, Left		1
158	EVBS20-EV-6120	Cam		2
159	EVBS20-EV-6130	Moving Jaw		1
160	EVBS20-615	Weld Button		1
161	EVBS20-HV-6160	Micro Switch		1
162	EVBS20-EV-6161	Switch Bracket		1
163	EVBS20-EV-6170	Pressure Adjust Knob		1
164	EVBS20-EV-6180	Shaft		1
165	EVBS20-EV-6200	Cam		1
166	EVBS20-EV-6210	Weld Tension Arm		1
167	EVBS20-EV-6211	Bushing		1
168	EVBS20-EV-6220	Spring, Shorter		1
169	EVBS20-EV-6230	Spring, Longer		1
170	EVBS20-624	Transformer (2.4kva)		1
171	EVBS20-HV-6241	Mounting Bracket (4.2kva Only)		1
172	EVBS20-EV-6250	Switch		1
173	EVBS20-EV-6260	Grinder Motor		1
174	EVBS20-EV-6270	Spacer		1
175	EVBS20-EV-6280	Grinder Wheel		1
176	TS-0680021	1/4" Washer, Flat		1
177	TS-1540041	6 Mm-1.0 Hex Nut		1
178	EVBS20-629	Grinder Guard		1
179	EVBS20-EV-6291	Grinder Cover		1
180	EVBS20-HV-6331	Welder Name Plate		1



Index No.	Part No.	Description	Size	Qty.
181	EVBS20-HV-6341	Instruction Label		1
182	EVBS20-HV-6351	Grinder Label		1
183	EVBS20-HV-6420	Anneal Button		1
184	EVBS20-HV-6450	Deflector Bracket, Right		1
185	EVBS20-HV-6451	Deflector Bracket, Left		1
186	EVBS20-HV-6460	Spark Deflector		1
187	EVBS20-HV-9291	Knob		2
188	EVBS20-WCP	Welder Assembly Complete		1
189	EVBS20-WL	Work Lamp Component	110V/12V/20W	1
190	EVBS20-EV-1910	Spindle Bushing		3
191	EVBS20-EV-1920	Spindle Lift		1
192	EVBS20-EV-1930	Blade Shaft		1
193	EVBS20-EV-1940	Vanes Iron Plate		2
194	EVBS20-EV-1950	Lower Blade		2
195	EVBS20-EV-1960	Upper Blade		1
196	EVBS20-EV-1970	Joint Plate, Left		1
197	EVBS20-EV-1980	Chain Joint, Right		1
198	EVBS20-EV-1990	Handle Bar		1
199	EVBS20-EV-9211	Knob		1
200	VBS2012-SCP	Shear Assembly Complete		1