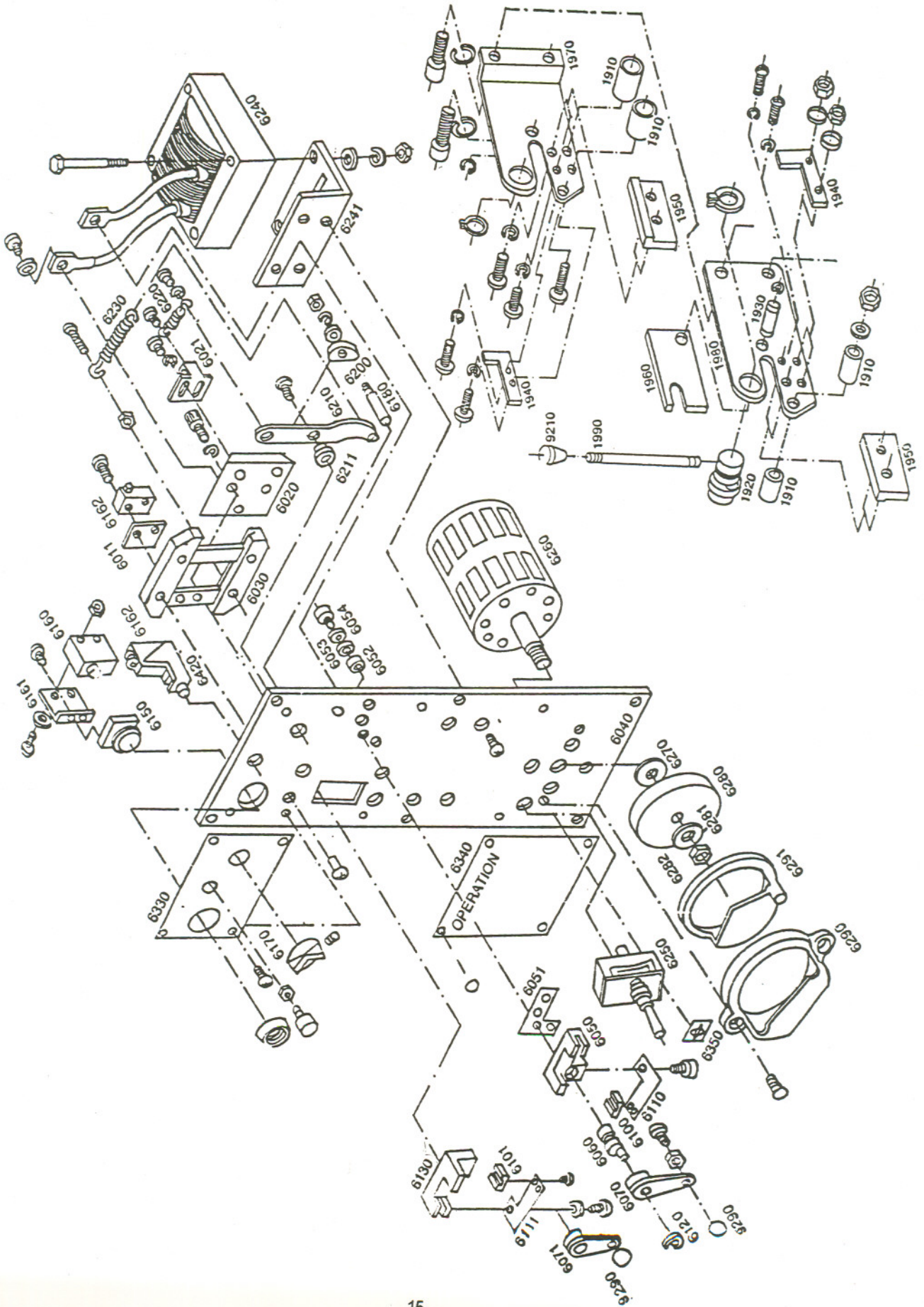


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Parts List for the VBS-2012 Bandsaw

PLEASE ORDER BY PART NUMBER ONLY

Control Panel Assembly

Index No.	Part No.	Description	Size	Qty.
6600	VBS2012-6600	Push Button - On		1
6602	VBS2012-6602	Push Button - Off		1
6610	VBS2012-6610	Emergency Off Switch		1
6650	VBS2012-6650	Key Switch		1
6710	VBS2012-6710	Magnetic Switch		2
6720	VBS2012-6720	Starter Overload		1
6742	VBS2012-6742	Power On Indicator Light		1
6745	VBS2012-6745	Voltage Reducer		1
6750	VBS2012-6750	Fuse		2
6799	VBS2012-6799	Wiring Plate		1

Guide Post Assembly

1310	VBS1220A-131	Blade Guide Support		2
1320	VBS16-132	Blade Guide		4
1330	VBS1220M-133	Blade Stop		2
1333	VBS2012-1333	Eccentric Shaft		1
G6201	BB-6201V	Ball Bearing		2
1350	VBS2012-1350	Blade Guide Post		1
1351	VBS2012-1351	Gear Bar		1
1360	VBS2012-1360	Guide Post Housing		1
1370	VBS2012-1370	Blade Guard - Left		1
1380	VBS2012-1380	Blade Guard - Right		1
1400	VBS2012-1400	Spring		2
1410	VBS2012-1410	Spring Housing		1
1450	VBS2012-1450	Post Elevating Gear		1
9015	VBS2012-9015	Guide Post Lock		1
9033	VBS2012-9033	Post Elevating Handwheel		1
9230	VBS2012-9023	Handle		1

Work Table Assembly

1010	VBS2012-1010	Work Table		1
1020	VBS1220M-102	Table Support Frame		1
1030	VBS1220M-103	Table Bracket - Right		1
1040	VBS1220M-104	Table Bracket - Right		1
1060	TS-0680061	Washer	1/2"	2
1070	VBS2012-1070	Tube Screw		4
1080	VBS2012-1080	Blade Guard (not shown)		2
1090	VBS1220M-109	Table Support Housing		1
1100	VBS1220M-110	Guide Support Housing		1
1550	VBS2012-1550	Rip Fence		1
8741	VBS2012-8741	Tilt Indicator - L&R		1

8771....	VBS2012-8771	Tilt Indicator - F&B	1
9013....	VBS2012-9013	Rip Fence Lock	1
9700....	VBS2012-9700	Indicating Needle	2

Motor Assembly

2000....	VBS2012-2000	Motor	1
2010....	VBS2012-2010	Motor Pulley	1
BA41...	VB-A41	V-Belt	2
BA50...	VB-A53	V-Belt	2
2020....	VBS2012-2020	Motor Suspension Arm	2

Lower Wheel Assembly

3010....	VBS1220A-301	Lower Wheel	1
3020....	VBS1220A-302	Rubber Tire	1
.....	VBS2012-301	Lower Wheel w/ Tire	1
3030....	VBS2012-3030	Taper Sleeve	1
3040....	VBS2012-3040	Wheel Lock Nut	1

Upper Wheel Assembly

3050....	VBS1220A-305	Upper Wheel	1
3020....	VBS1220A-302	Rubber Tire	1
G6305.	BB-6305	Ball Bearing	2
.....	VBS2012-305	Upper Wheel w/ Tire and Bearings	1
3060....	VBS2012-3060	Upper Wheel Lock	1
3070....	VBS2012-3070	Upper Wheel Nut	2

Blade Tracking Assembly

3080....	VBS2012-3080	Slide Block Housing *	1
3090....	VBS2012-3090	Slide Block Seat *	1
3100....	VBS2012-3100	Slide Block Guide *	2
3110....	VBS2012-3110	Upper Wheel Slide *	1
3111....	VBS2012-3111	Slide Cover *	1
3112....	VBS2012-3112	Slide Screw Shaft *	1
3113....	VBS2012-3113	Slide Pin *	1
3120....	VBS2012-3120	Wheel Elevating Shaft *	1
3121....	VBS2012-3121	Spring *	1
3150....	VBS2012-3150	Washer *	1
3180....	VBS2012-3180	Indicator Ring *	3
*	VBS2012-3080CP	Slide Housing Complete	1
3190....	VBS2012-3190	Tension Indicator	1
9030....	VBS2012-9030	Hand Wheel	1
8712....	VBS2012-8712	Indicator Plate	1
3200....	VBS2012-3200	Wheel Tracking Adjuster	1
3220....	VBS2012-3220	Wheel Tracking Connector	1
3240....	VBS2012-3240	Connector Washer	1
3250....	VBS2012-3250	Connector Housing	1
9060....	VBS2012-9060	Tracking Hand Wheel	1
9780....	VBS2012-9780	Brush Bracket	1
9790....	VBS2012-9790	Chip Brush	1

Gear Box Assembly

0500...	VBS2012-0500	Gear Box *	1
0510...	VBS2012-0510	Gear Box Cover *	1
0520...	VBS2012-0520	Gear *	1
0530...	VBS2012-0530	Screw Nut * 35mm	1
0540...	VBS2012-0540	Gear *	1
0550...	VBS2012-0550	Gear Shaft *	1
0560...	VBS2012-0560	Shaft Cover *	1
0570...	VBS2012-0570	Gear *	1
0581...	VBS2012-0581	Main Shaft *	1
0590...	VBS2012-0590	Main Shaft Cover *	1
0600...	VBS2012-0600	Speed Changing Shaft *	1
0610...	VBS2012-0610	Speed Changing Arm *	1
0611...	VBS2012-0611	Shaft Stop *	1
0612...	VBS2012-0612	Spring *	1
0620...	VBS2012-0620	Slide Block *	1
0621...	VBS2012-0621	Slide Block Pin *	1
0624...	VBS2012-0624	Key (not shown) *	1
0700...	VBS2012-0700	Speed Change Lever *	1
0740...	VBS2012-0740	Shaft Housing *	1
0790...	VBS2012-0790	Speed Housing Ring *	1
9220...	VBS2012-9220	Speed Lever Knob *	1
G6205	BB-6205	Ball Bearing *	3
G6206	BB-6206	Ball Bearing *	1
G6304	BB-6304	Ball Bearing *	1
*	VBS2012-0550CP	Gear Box Assembly Complete	1
8422...	VBS2012-8422	Gear Box Warning Label	1

Air Pump Assembly

4010...	VBS2012-4010	Air Pump Housing *	1
4020...	VBS2012-4020	Air Pump Cover *	1
4030...	VBS2012-4030	Air Pump Shaft *	1
G6201	BB-6201	Ball Bearing *	2
4040...	VBS2012-4040	Air Pump Pulley *	1
4050...	VBS2012-4050	Air Pump Leaves *	4
4060...	VBS2012-4160	Air Pump Housing *	1
4140...	VBS2012-4140	Air Outlet *	1
4150...	VBS2012-4150	Air Inlet *	1
4170...	VBS2012-4170	Air Nozzle *	1
4180...	VBS2012-4180	Air Nozzle Clip *	1
BM38	VB-M39	V-Belt *	1
*	VBS16-401CP	Air Pump Assembly Complete	1

Main Body

5000...	VBS2012-5000	Main Body	1
5100...	VBS2012-5100	Rear Door - Larger	1
9310...	VBS2012-9310	Hinge	6
9500...	VBS2012-9500	Spring Plate	6
9590...	VBS2012-9590	Handle	3
5101...	VBS2012-5101	Rear Door - Smaller	1
5120...	VBS2012-5120	Lower Door - Front	1

5140....	VBS2012-5140	Upper Door - Front	1
9300....	VBS2012-9300	Upper Door Hinge	2
9999....	VBS2012-9999	Eye Bolt	1

Variable Speed Assembly

7000....	VBS2012-7000	Motor Spring Housing *	1
7010....	VBS2012-7010	Spring *	1
7020....	VBS2012-7020	Variable Speed Disk - Upper Outside *	1
7030....	VBS2012-7030	Variable Speed Disk - Upper Inside *	1
7040....	VBS2012-7040	Variable Speed Housing Tube *	1
G6007.	BB-6007	Ball Bearing *	1
7050....	VBS2012-7050	Variable Speed Disk Shaft *	1
G6205.	BB-6205	Ball Bearing *	2
7060....	VBS2012-7060	Variable Speed Housing *	1
*.....	VBS2012-7000CP	Variable Speed Housing Assembly Complete.	1
7070....	VBS2012-7070	Pulley..... 9"	1
7080....	VBS2012-7080	Worm Gear	1
7090....	VBS2012-7090	Worm Gear Housing	1
7100....	VBS2012-7100	Gear Shaft	1
7120....	VBS2012-7120	Arm	1
7170....	VBS2012-7170	Detector Disk Housing	1
7180....	VBS2012-7180	Detector Disk	1
7190....	VBS2012-7190	Screw Nut	1
8372....	VBS2012-8372	Variable Speed Instruction Label	1

Variable Speed Shaft Assembly

7200....	VBS2012-7200	Spring Housing *	1
7210....	VBS2012-7210	Spring *	1
7220....	VBS2012-7220	Variable Speed Disk - Lower Outside *	1
7230....	VBS2012-7230	Variable Speed Disk - Lower Inside *	1
7250....	VBS2012-7250	Variable Speed Shaft *	1
G6007.	BB-6007	Ball Bearing *	1
G6204.	BB-6204	Ball Bearing *	1
7260....	VBS2012-7260	Shaft Housing *	1
*.....	VBS2012-7200CP	Variable Speed Housing Assembly Complete.	1
7290....	VBS20102-7290	Wheel Seat	1
7300....	VBS2012-7300	Pulley	1
7310....	VBS2012-7310	Speed Readout Detector	1
7320....	VBS2012-7320	Detector Housing	1
7330....	VBS1220M-661	Digital Tachometer	1
9030....	VBS2012-9030	Hand Wheel	1
BV875.	VBS2012-BV875	Cog Belt	1
BA41...	VB-A41	V-Belt	2

Work Lamp Assembly

6810...	VBS2012-6810	Light Shield *	1
6820...	VBS2012-6820	Shield Joint *	1
6830...	VBS2012-6830	Brass Nut *	1
6840...	VBS2012-6840	Lamp Arm *	1
6850...	VBS2012-6850	Arm Joint *	1
6860...	VBS2012-6860	Arm Tube *	2
6870...	VBS2012-6870	Tube Holder *	1
6880...	VBS2012-6880	Arm Nut *	4
6890...	VBS2012-6890	Tube Locker *	2
6900...	VBS2012-6900	Arm Housing Adjuster *	1
6910...	VBS2012-6910	Housing Adjust Screw *	1
6920...	VBS2012-6920	Lamp Arm Housing *	1
6930...	VBS2012-6930	Upper Arm Holder (RE:VBS2012-6920) *	1
6940...	VBS2012-6940	Lower Arm Holder (RE:VBS2012-6920) *	1
6950...	VBS2012-6950	Lamp Socket *	1
9040...	VBS2012-9040	Brass Handwheel *	1
*	VBS2012-6950CP	Work Lamp Assembly Complete	1

Welder/Grinder Assembly

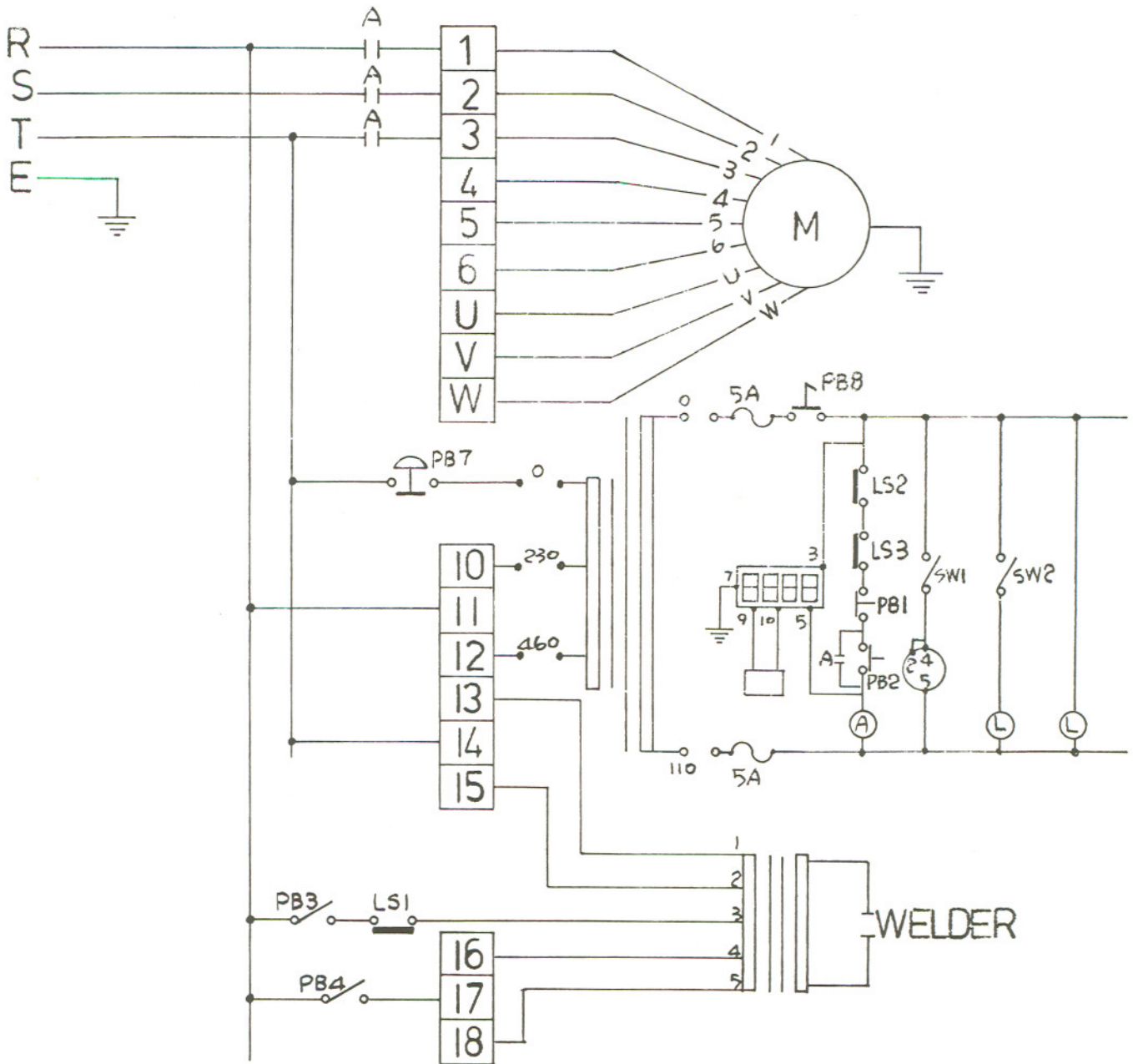
6010...	JWG34-601	Limit Switch *	2
6011...	PR-EV-6011	Insulator *	1
6020...	PR-EV-6020	Guide Block *	1
6021...	PR-EV-6021	Spring Bracket *	1
6030...	PR-EV-6030	Guide Casting *	1
6040...	PR-EV-6040	Housing *	1
6050...	PR-EV-6050	Stationary Jaw *	1
6051...	PR-EV-6051	Insulator *	1
6052...	PR-EV-6052	Insulating Tube *	3
6053...	PR-EV-6053	Insulating Washer *	3
6054...	PR-EV-6054	Spacer *	3
6060...	PR-EV-6060	Eccentric Shaft *	2
6070...	PR-EV-6070	Clamp Lever - Right *	1
6071...	PR-EV-6071	Clamp Lever - Left *	1
9290...	PR-EV-9290	Knob *	1
6100...	PR-EV-6100	Clamp Support - Right *	1
6101...	PR-EV-6101	Clamp Support - Left *	1
6110...	PR-EV-6110	Clamp Plate - Right *	1
6111...	PR-EV-6111	Clamp Plate - Left *	1
6120...	PR-EV-6120	Cam *	2
6130...	PR-EV-6130	Moving Jaw *	1
6150...	JWG34-615	Weld Button *	1
6160...	PR-HV-6160	Micro Switch *	1
6161...	PR-EV-6161	Switch Bracket *	1
6170...	PR-EV-6170	Pressure Adjust Knob *	1
6180...	PR-EV-6180	Shaft *	1
6200...	PR-EV-6200	Cam *	1
6210...	PR-EV-6210	Weld Tension Arm *	1
6211...	PR-EV-6211	Bushing *	1
6220...	PR-EV-6220	Spring - Short *	1
6230...	PR-EV-6230	Spring - Long *	1
6240...	VBS1220M-624	Transformer *	1

6241....	PR-HV-6241	.....	Mounting Bracket *	.....	1
6250....	PR-EV-6250	.....	Switch *	.....	1
6260....	PR-EV-6260	.....	Grinder Motor *	.....	1
6270....	PR-EV-6270	.....	Spacer *	.....	1
6280....	PR-EV-6280	.....	Grinding Wheel *	.....	1
6281....	TS-0680021	.....	Washer *	.....	1/4"
6282....	TS-1540041	.....	Nut *	.....	6mm
6290....	VBS1220M-629	.....	Grinder Guard *	.....	1
6291....	PR-EV-6291	.....	Grinder Cover *	.....	1
6330....	PR-HV-6330	.....	Name Plate *	.....	1
6340....	PR-EV-6340	.....	Instruction Label *	.....	1
6350....	PR-EV-6420	.....	Grinder Label *	.....	1
6420....	PR-HV-6420	.....	Anneal Switch *	.....	1
*	VBS2012-WCP	.....	Welder Assembly Complete	.....	1

Shear Assembly

1910....	PR-EV-1910	.....	Spindle Bushing *	.....	4
1920....	PR-EV-1920	.....	Spindle Lift *	.....	1
1930....	PR-EV-1930	.....	Blade Shaft *	.....	1
1940....	PR-EV-1940	.....	Vaned Iron Plate (Blade Stop) *	.....	2
1950....	PR-EV-1950	.....	Lower Blade *	.....	2
1960....	PR-EV-1960	.....	Upper Blade *	.....	2
1970....	PR-EV-1970	.....	Joint Plate - Left *	.....	1
1980....	PR-EV-1980	.....	Joint Plate - Right *	.....	1
1990....	PR-EV-1990	.....	Handle Bar *	.....	1
9210....	PR-EV-9210	.....	Knob *	.....	1
*	VBS2012-SCP	.....	Shear Assembly Complete	.....	1

Electrical Schematic



- PB1 - Saw Stop Switch
- PB2 - Saw Start Switch
- PB3 - Weld Switch
- PB4 - Anneal Switch
- PB7 - Emergency Stop
- PB8 - Main Power Key
- LS1 - Auto Weld Stop Switch
- LS2 - Safety Switch
- LS3 - Safety Switch
- SW1 - Grinder On-Off Switch
- SW2 - Work Lamp On-Off Switch

Jumper Wire Settings

220V	440V
1 - U	4 - U
2 - V	5 - V
3 - W	6 - W
4 - 5 - 6	11 - 12
10 - 11	13 - 14
14 - 15	17 - 18
16 - 17	