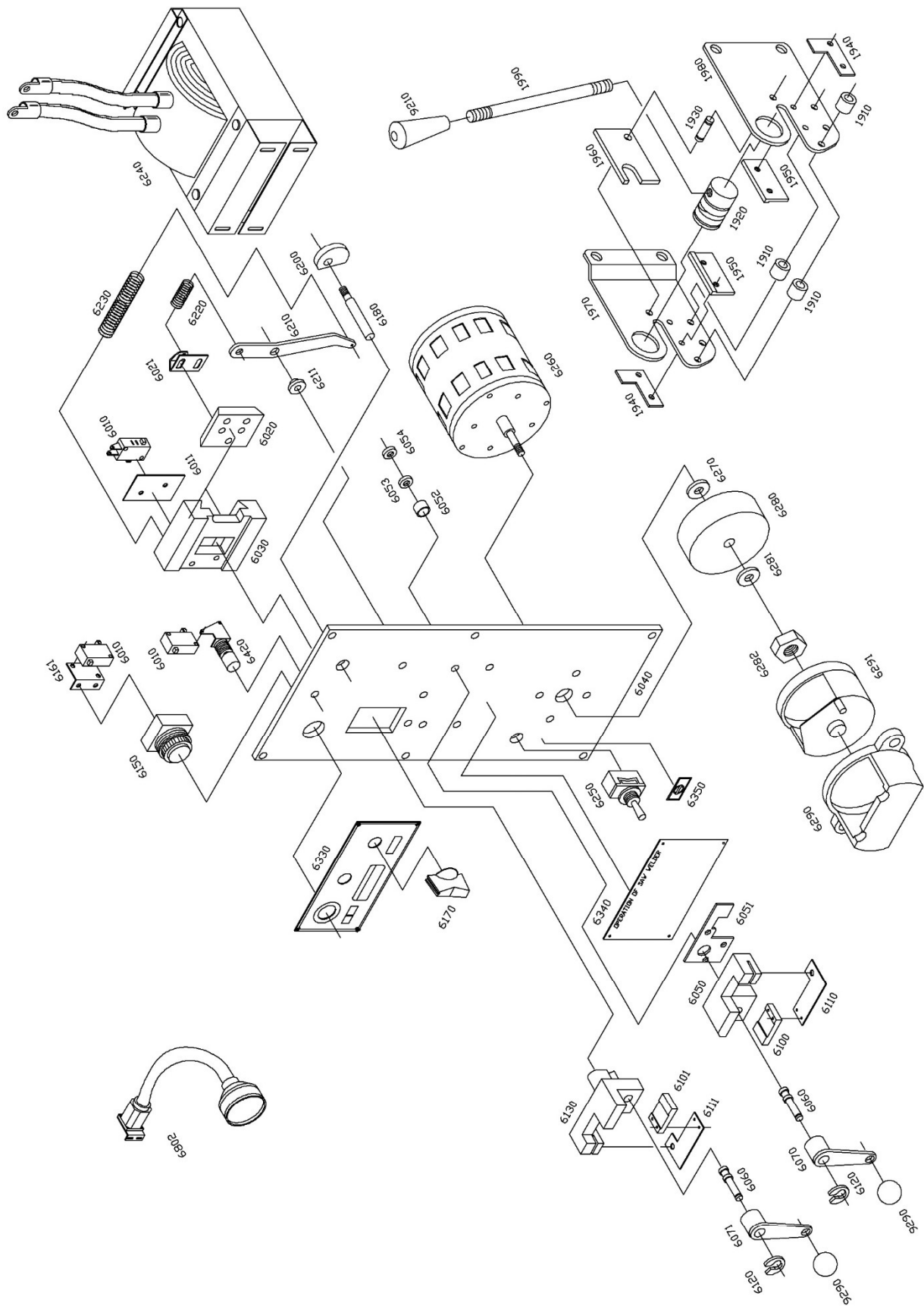


18.1.2 VBS-1610 Band Saw (Welder Assembly) – Exploded View



18.1.3 VBS-1610 Band Saw – Parts List

Index No	Part No	Description	Size	Qty
	VBS1610-GB	Gear Box Assembly Complete		1
0500	0500	Gear Box *		1
0510	0510	Gear Box Cover *		1
0520	0520	Gear *		1
0521	0521	Gear *		1
0530	0530	Screw Nut *	35MM	1
0531	0531	Special Nut *		1
0540	0540	Gear *		1
0550	0550	Gear Shaft *		1
0560	0560	Shaft Cover *		1
0570	0570	Gear *		1
0580	0580	Main Shaft *		1
0590	0590	Main Shaft Cover *		1
0600	0600	Speed Changing Shaft *		1
0610	0610	Speed Changing Arm *		1
0611	0611	Shaft Stopper *		1
0612	0612	Spring *		1
0620	0620	Slide Block *		1
0630	0630	Clutch *		1
0631	0631	Brass Bracket *		2
0632	0632	Brass Bracket *		1
L4030	L4030	Oil Seal *		1
L5230	VBS1610-L5230	Oil Seal *	52x30x7mm	1
L5840	VBS1610-L5840	Oil Seal *	58x40x8mm	1
0700	0700	Speed Changing Lever		1
0740	0740	Shaft Housing		1
0790	0790	Speed Lever Ring		1
1010	VBS1610-1020	Work Table		1
1021	VBS14-1021	Table Support Frame (serial no. 7031713 and higher)		1
1031	VBS14-1031	Table Bracket (right) (serial no. 7031713 and higher)		1
1041	VBS14-1041	Table Bracket (left) (serial no. 7031713 and higher)		1
1060	TS-0680061	Washer	1/2	2
1071	VBS16-1071	Screw Bushing		4
1080	1080	Blade Guard		2
1090	1090	Table Support Housing		1
1100	1100	Guide Support Housing		1
1311	VBS16-1311	Upper Blade Guide Upper Support		1
1312	VBS16-131-1	Lower Blade Guide Lower Support		1
1320	VBS1220A-132	Blade Guide		4
1330	VBS16-133	Blade Stopper		2
1350	1350	Blade Guide Post		1
1360	1360	Guide Post Housing		1
1361	1361	Post Clamp Spring		1
1370	1370	Blade Guard (left)		1
1380	1380	Blade Guard (right)		1
1390	1390	Post Holding Pin		1
1550	VBS16-155	Rip Fence		1
	VBS1610-BS	Blade Shear Assembly Complete		1
1910	1910	Bushing (re: VBS1610-BS)		3
1920	1920	Lift (re: VBS1610-BS)		1
1930	1930	Blade Shaft (re: VBS1610-BS)		1
1940	1940	Vaned Iron Plate (re: VBS1610-BS)		2
1950	1950	Lower Blade (re: VBS1610-BS)		2
1960	1960	Upper Blade (re: VBS1610-BS)		1
1970	1970	Plate (re: VBS1610-BS)		1
1980	1980	Joint (re: VBS1610-BS)		1
1990	1990	Handle Bar (re: VBS1610-BS)		1
2000	VBS1610-2000	Main Drive Motor		1

* Included in VBS1610-GB Gear Box Assembly Complete

Index No	Part No	Description	Size	Qty
2010	VBS1610-2010	Motor Pulley		1
2020	2020	Motor Suspension Arm		2
3010	VBS1610-3010	Lower Wheel		1
2020	2020	Motor Suspension Arm		2
3010	VBS1610-3010	Lower Wheel		1
3020	VBS16-302	Rubber Tire		2
3030	3030	Taper Sleeve		1
3040	VBS1610-3040	Wheel Locking Nut		1
3050	VBS16-305	Upper Wheel		1
3060	VBS14-306	Upper Wheel Lock		1
3080	3080	Slide Block Housing		1
3090	3090	Slide Block Seat		2
3100	3100	Slide Block Guide		2
3110A	3110A	Upper Wheel Slider Assembly		1
3116	3116	Slide Screw Shaft		1
3120	3120	Spring		1
3121	VBS1610-3120	Wheel Elevate Shaft (serial no. previous to 15051312)		1
	VBS1610-3121	Wheel Elevate Shaft (serial no. 15051313 and higher)		1
3150	VBS2012-3150	Washer	ø5-16/30mm	1
3180	3180	Indicating Ring		3
3190	3190	Tension Indicator		1
3200	3200	Wheel Tilt Adjuster		1
3220	3220	Wheel Tilt Connector		1
3240	3240	Connector Washer		1
3250	3250	Connector Housing		1
	VBS1610-AP	Air Pump Assembly Complete		1
4010	4010	Air Pump Housing (re: VBS1610-AP)		1
4020	4020	Pump Cover (re: VBS1610-AP)		1
4030	4030	Pump Shaft (re: VBS1610-AP)		1
4040	4040	Air Pump Pulley		1
4050	4050	Air Pump Vane		4
4060	4060	Air Pump Bracket		1
4140	4140	Air Outlet (re: VBS1610-AP)		1
4150	4150	Air Inlet (re: VBS1610-AP)		1
4170	4170	Air Nozzle		1
4180	4180	Air Nozzle Clip		1
4190	4190	Air Tube		1
5000	VBS1610-5000G	Main Body		1
5100	VBS1610-5100G	Rear Door		1
5120	VBS1610-5120G	Lower Door		1
5140	VBS1610-5140G	Upper Door		1
6010	VBS14-601	Limit Switch		3
6011	6011	Insulator		1
6020	6020	Guide Block		1
6021	6021	Spring Bracket		1
6030	6030	Guide Casting		1
6040	6040	Housing		1
6050	6050	Stationary Jaw		1
6051	6051	Insulator		1
6052	6052	Insulator Tube		3
6053	6053	Insulator Washer		3
6054	6054	Spacer		3
6060	6060	Eccentric Shaft		2
6070	6070	Clamp Lever (right)		1
6071	6071	Clamp Lever (left)		1
6100	6100	Clamp Support (right)		1
6101	6101	Clamp Support (left)		1
6110	6110	Clamp Plate (right)		1
6111	6111	Clamp Plate (left)		1
6120	6120	Cam		2
6130	6130	Moving Jaw		1
6150	6150	Weld Button		1

Index No	Part No	Description	Size	Qty
6161	VBS1610-6161	Bracket		1
6170	VBS16-617	Pressure Adjust Switch		1
6180	VBS16-618	Shaft		1
6200	VBS16-620	Cam		1
6210	VBS16-621	Weld Tension Arm		1
6211	6211	Bushing		1
6220	6220	Spring (short)		1
6230	6230	Spring (long)		1
6240	VBS16-624	Transformer		1
6250	VBS16-625	Switch		1
6260	VBS16-626	Grinder Motor		1
6270	6270	Spacer		1
6280	JWG12-628	Grinder Wheel		1
6281	TS-0680021	Washer	1/4	1
6282	TS-1540041	Nut	6MM	1
6290	VBS16-629	Grinder Guard		1
6291	6291	Grinder Cover		1
6330	6330	Welder Name Plate		1
6340	6340	Instruction Plate		1
6350	6350	Grinder Label		1
6420	6420	Anneal Switch Button		1
6600	6600	Push Button (on)		1
6602	6602	Push Button (off)		1
6713	6713	Magnetic Switch (serial no 14021716 and higher)		1
6723	6723	Overload Starter (serial no 14021716 and higher)		1
6745	6745	Voltage Reducer		1
6750	6750	Fuse Seat		1
6772	6772	Wire Housing		1
6773	6773	Wire Housing		2
6755	6755	Fuse	2A	1
6799	6799	Wiring Plate		1
6802	VBS3612-WL	Work Lamp Assembly (serial no 14091746 and higher)	110V/12V/20W	1
7070	7070	Pulley		1
7400	VBS16-7000	Variable Pulley Shaft		1
7410	VBS16-7410	Shaft Block		1
7420	VBS16-7420	Speed Indicate Shaft		1
7430	VBS16-7430	Gear Shaft Arm		1
7440	7440	Indicate Gear Shaft Arm		1
7450	VBS16-7450	Speed Shaft Housing		1
7451	VBS16-7451	Washer Tube		1
7460	VBS16-7460	Pulley Shaft Arm		1
	VBS1610-VP	Variable Pulley Assembly Complete		1
7470	VBS16-7470	Variable Pulley Shaft **		1
7500A	VBS1610-7500A	Pulley Assembly **		1
8092	8092	Lubrication Plate		1
8111	VBS1610-8111B	Name Plate		1
8324	8324	Speed Indicator		1
8422	VBS2012-8422	Gearbox Warning Label		1
8712	8712	Indicator Plate		1
8741	8741	Tilt Indicator (left and right)		1
8771	8771	Tilt Indicator (front and back)		1
9013	9013	Rip Fence Lock Knob		1
9015	9015	Guide Post Lock		1
9060	9060	Tilt Adjust Hand Wheel		1
9031	9031	Hand Wheel		2
9210	9210	Knob		2
9220	9220	Lever Knob		1
9230	9230	Hand Wheel Knob		1
9240	9240	Washer		1
9290	VBS14-609	Knob		2

** Included in VBS1610-VP Variable Pulley Assembly Complete

Index No	Part No	Description	Size	Qty
9300	9300	Upper Door Hinge		2
9310	9310	Hinge		4
9500	9500	Spring Plate		4
9590	9590	Handle		3
9600	9600	Chip Stopper		1
9700	9700	Indicate Pointer		2
9720	9720	Speed Pointer		1
9780	9780	Brush Bracket		1
9790	9790	Chip Brush		1
9995	9995	Grease Nozzle		1
9999	9999	Eye Bolt		1
B3310	VB-B22	V-Belt		1
B3520	VB-B52	V-Belt		1
BM22	VB-M22	V-Belt		1
G6008	BB-6008	Ball Bearing		1
G6201	BB-6201	Ball Bearing		2
G6206	BB-6206	Ball Bearing		1
G6205	BB-6205	Ball Bearing		2
G6303	BB-6303	Ball Bearing		1
G6304	BB-6304	Ball Bearing		1
G6306	BB-6303	Ball Bearing		1
	JET-203	JET Logo	203 x 84 mm	1

19.0 Electrical diagram (VBS-1610)

