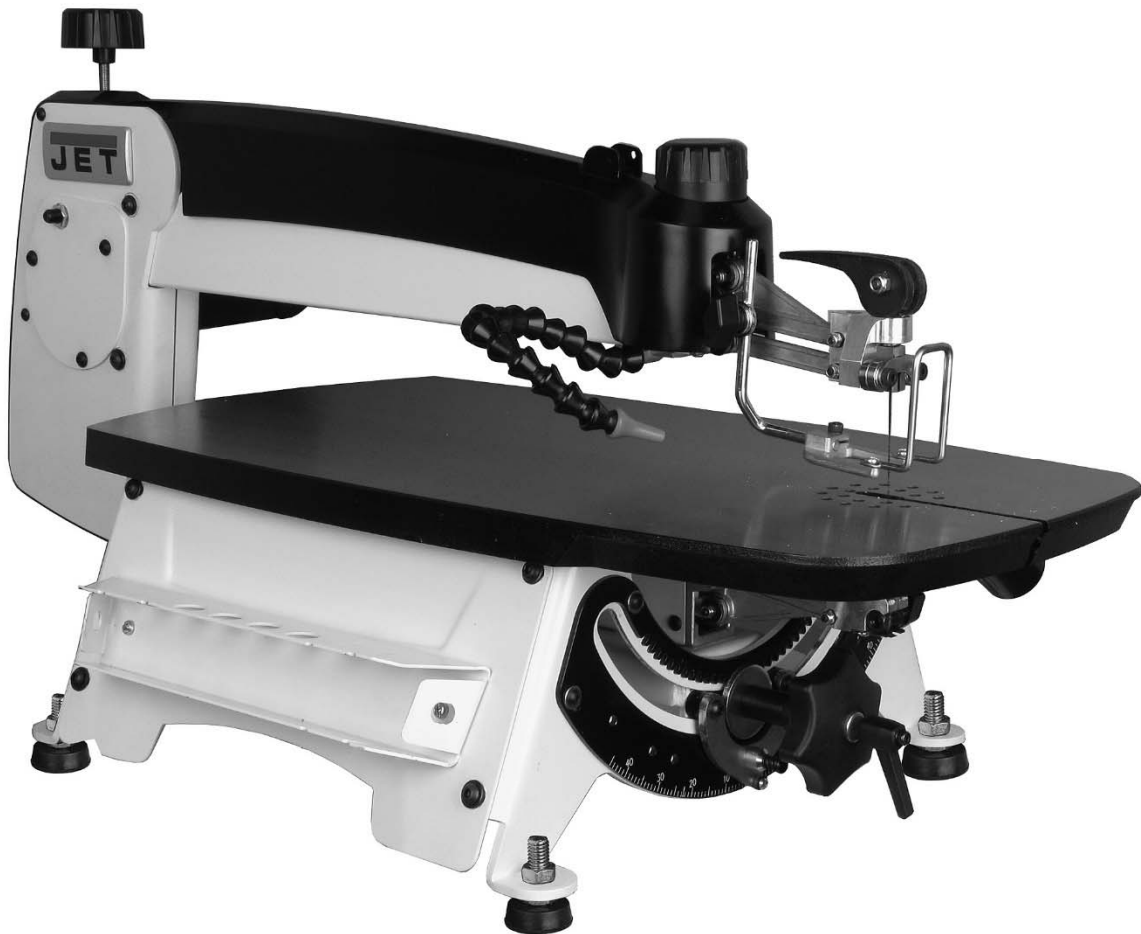




Operating Instructions and Parts Manual

22-inch Woodworking Scroll Saw

Model JWSS-22B

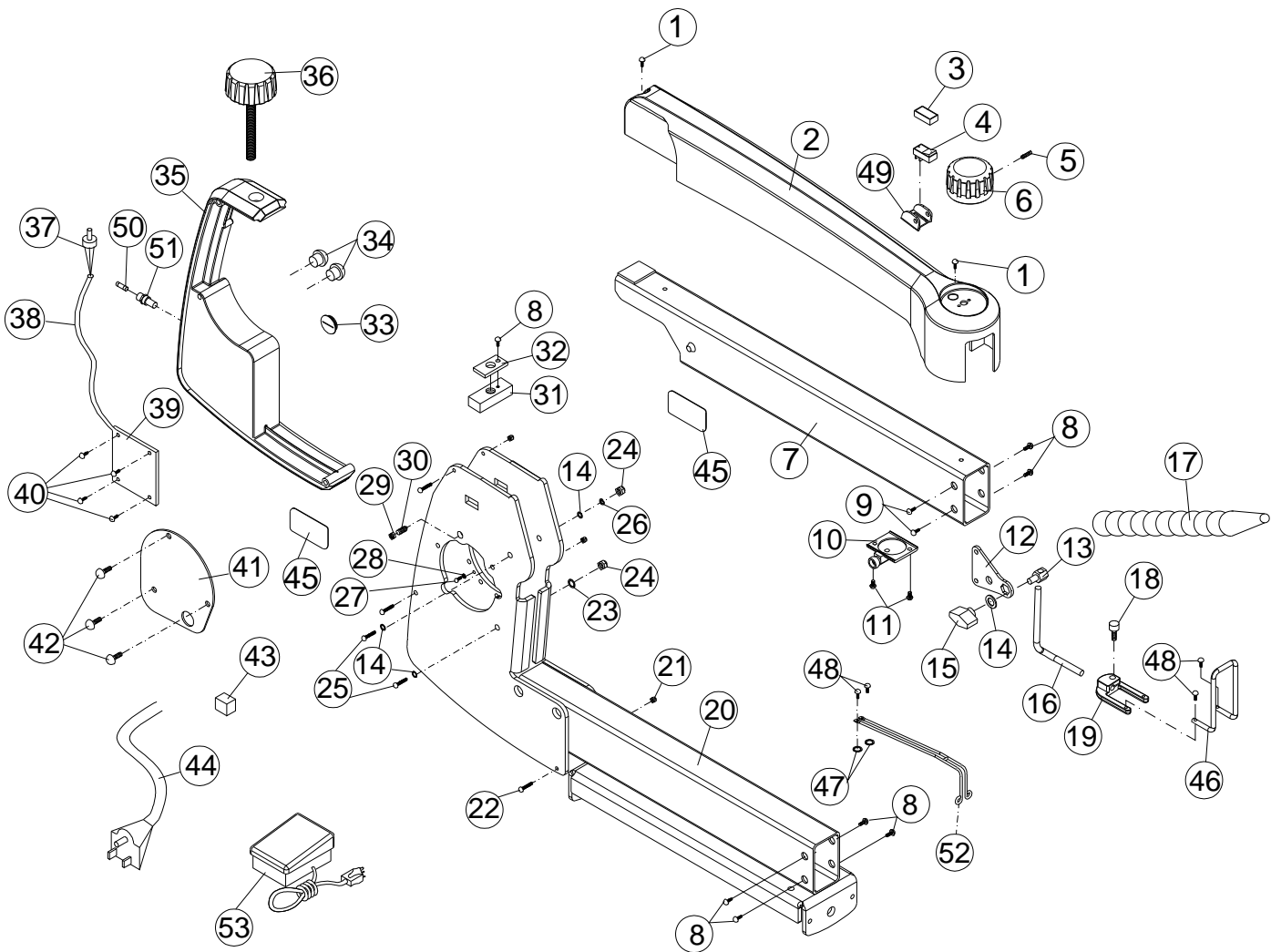


For serial no. 18011801 and higher

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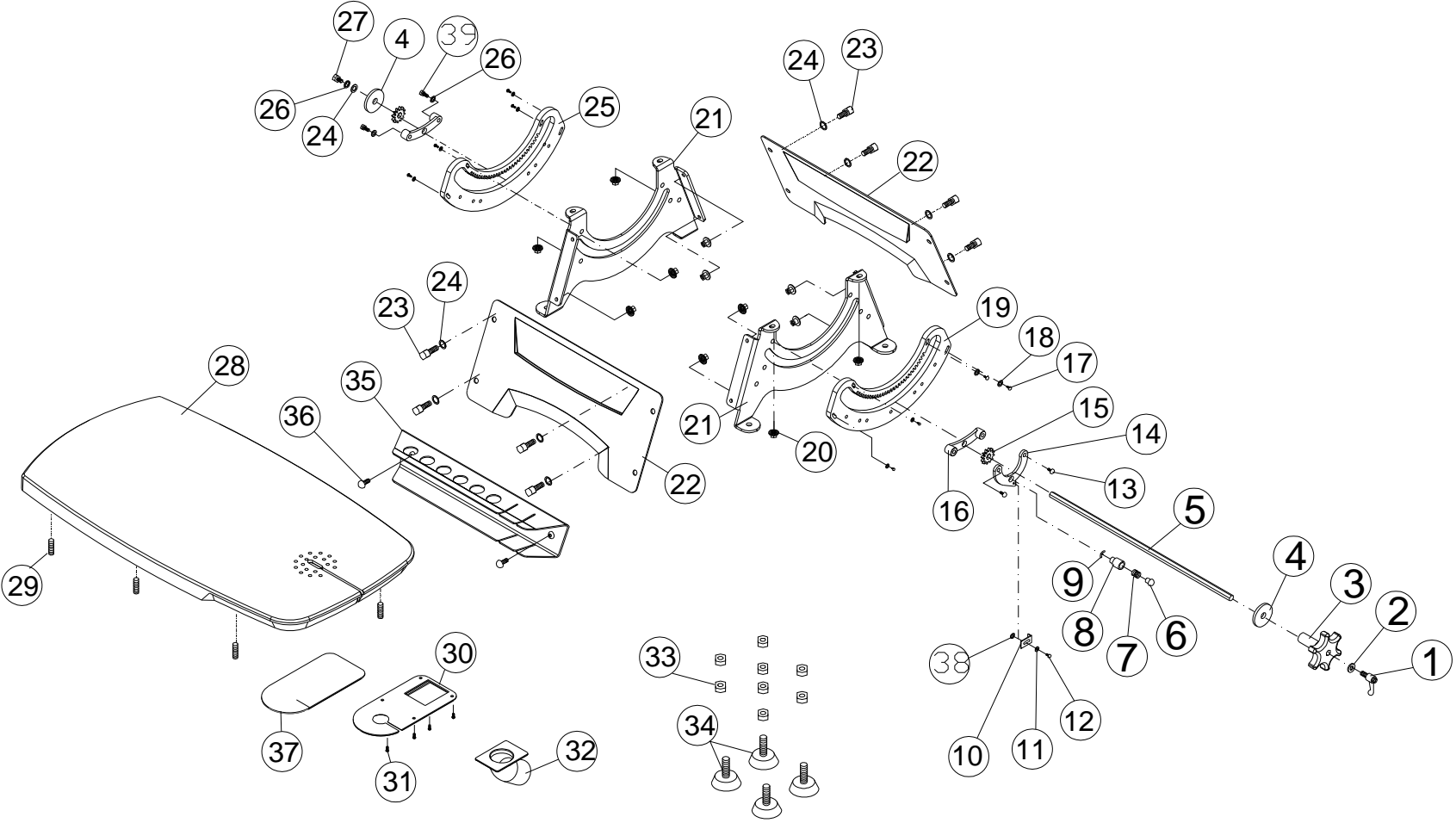
15.1.1 JWSS-22B Upper & Lower Arm Assembly – Exploded View



15.1.2 JWSS-22B Upper & Lower Arm Assembly – Parts List

Index No	Part No	Description	Size	Qty
1	F009668	Button Head Socket Screw	#10-32x1/4	2
2	JWSS22B-202	Top Cover		1
3	JWSS22B-203	Switch Rubber Cover		1
4	JWSS22B-204	Switch		1
5	TS-1521031	Socket Set Screw	M4x8	1
6	JWSS22B-206	VR Knob with Speed Label		1
7	JWSS22B-207	Upper Arm		1
8	F009916	Button Head Socket Screw	#10-32x5/16	7
9	F009670	Button Head Socket Screw	#10-32x3/8	2
10	JWSS22B-210	Dust Blower		1
11	TS-081B022	Pan Head Screw	#8-32x3/8	2
12	JWSS22B-212	Hold Down Mount Plate		1
13	JWSS22B-213	Hold Down Clamp Screw		1
14	TS-0680021	Flat Washer	1/4"	4
15	JWSS22B-215	Hold Down Clamp Knob		1
16	JWSS22B-216	Hold Down Bar		1
17	JWSS22B-217	Air Nozzle		1
18	TS-0206022	Socket Head Cap Screw	#10-32x1/2	1
19	JWSS22B-219	Hold Down Fork		1
20	JWSS22B-220	Main Body		1
21	5508073	Hex Nylon Lock Nut	#10-32	3
22	F009917	Button Head Socket Screw	#10-32x2-1/4	3
23	TS-0680021	Flat Washer	1/4	1
24	TS-0640071	Hex Nylon Lock Nut	1/4-20	2
25	F009918	Button Head Socket Screw	1/4-20x2-1/2	2
26	TS-130205	Lock Washer	1/4	1
27	TS-081B012	Phillips Pan Head Machine Screw	#8-32x1/4	2
28	TS-0720041	External Tooth Lock Washer	#8	2
29	TS-0561031	Hex Nut	3/8-16	1
30	JWSS22B-230	Ball Set Screw	3/8-16x5/8	1
31	JWSS22B-231	Housing Cross Block		1
32	JWSS22B-232	Cross Block Retainer		1
33	JWSS22B-233	Cap		1
34	JWSS22B-234	Strain Relief		2
35	JWSS22B-235	Control Box		1
36	JWSS22B-236	Arm Adjustment Knob		1
	JWSS22B-237A	PC Board with VR (#37,38,39)		1
37		Variable Resistor		1
38		Control Cable		1
39	JWSS22B-239	PC Board		1
40	JWSS22B-240	Machine Screw	M4x8	4
41	JWSS22B-241	Cover Plate		1
42	TS-0254021	Button Head Socket Screw	1/4-20x1/2	3
43	JWSS22B-243	Sponge Block		1
44	JWSS22B-244	Power Cord	3x18AWG	1
45	JET-92	JET Logo	92x38mm	2
46	JWSS22B-246	Upper Blade Guard		1
47	TS-2361041	Lock Washer	M4	2
48	TS-081B012	Phillips Pan Head Machine Screw	#8-32x1/4	2
49	JWSS22B-249	Switch Protector		1
50	JWSS22B-250	Fuse	3.15A	1
51	JWSS22B-251	Fuse Holder		1
52	JWSS22B-252	Lower Blade Guard		1
53	JWSS22B-253	Foot Switch Assembly		1
54	LM000187	Warning Label (not shown)	30x102mm	1
55	LM000188	Warning Label (not shown)	49x100mm	1
56	LM000189	ID Label, JWSS-22B (not shown)		1

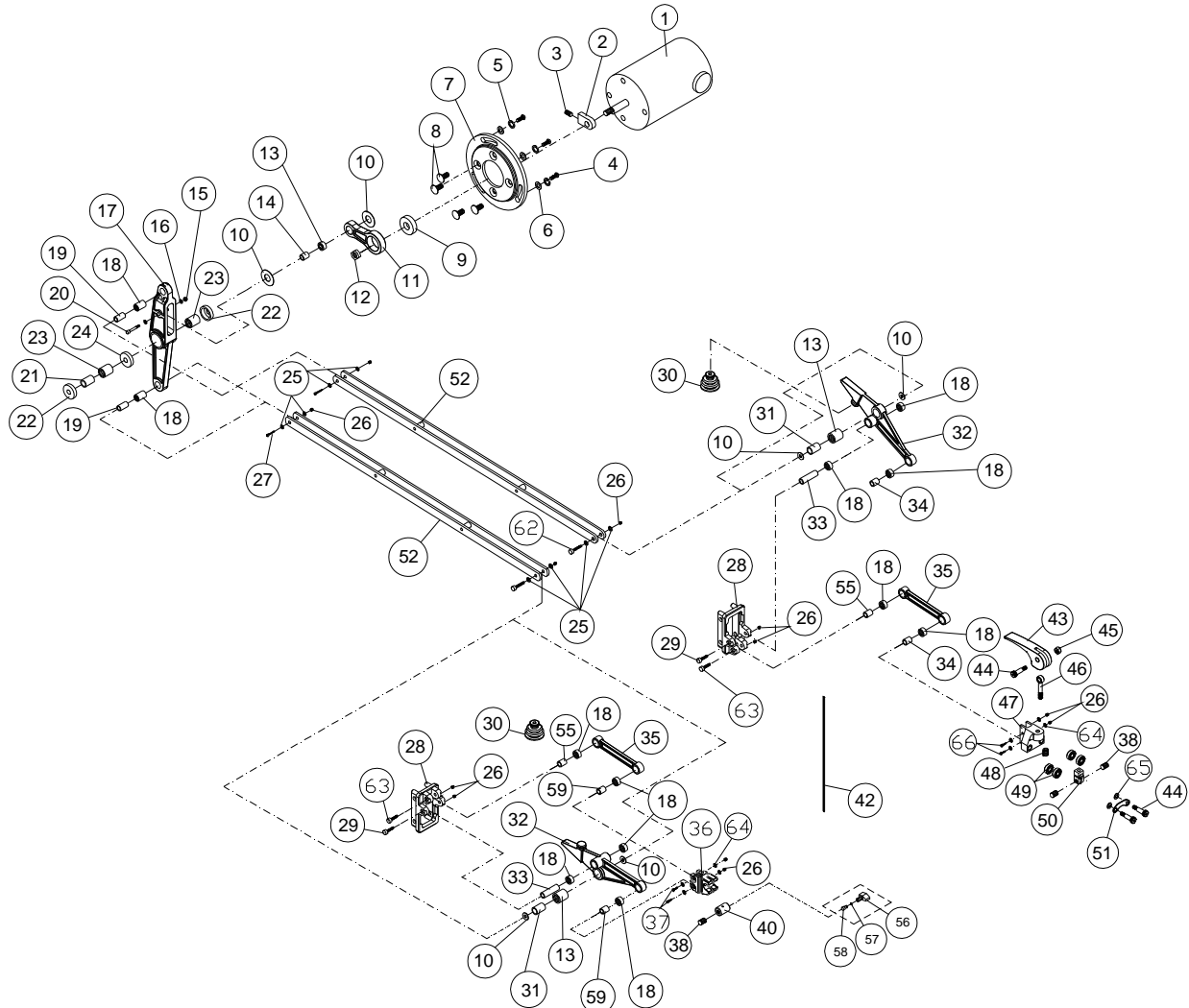
15.2.1 JWSS-22B Table & Cabinet Assembly – Exploded View



15.2.2 JWSS-22B Table & Cabinet Assembly – Parts List

Index No	Part No	Description	Size	Qty
1	JWSS22B-301	Blade Tilt Locking Lever		1
2	TS-0680021	Flat Washer	1/4	1
3	JWSS22B-303	Tilt Adjust Knob		1
4	JWSS22B-304	Blade Tilt Washer		2
5	JWSS22B-305	Tilt Lock Draw Rod		1
6	JWSS22B-306	Detent Plunger		1
7	JWSS22B-307	Spring		1
8	JWSS22B-308	Tilt Detent Barrel		1
9	JWSS22B-309	E-Ring	ETW-3	1
10	JWSS22B-310	Pointer		1
11	TS-1550021	Flat Washer	M4	1
12	TS-2284061	Phillips Pan Head Machine Screw	M4x6	1
13	TS-0254061	Button Head Socket Screw	1/4-20x1	2
14	JWSS22B-314	Angle Indicator Bracket		1
15	JWSS22B-315	Blade Tilt Drive Gear		2
16	JWSS22B-316	Angle Follower		2
17	F009916	Button Head Socket Screw	#10-32x5/16	8
18	TS-069204	Flat Washer	#10x12x1	8
19	JWSS22B-319	Front Trunnion Plate		1
20	JWSS22B-320	Hex Flange Nut	1/4-20UNC	12
21	JWSS22B-321	Trunnion		2
22	JWSS22B-322	Side Panel		2
23	TS-0254041	Button Head Socket Screw	1/4-20x3/4	8
24	TS-0680021	Flat Washer	1/4	9
25	JWSS22B-325	Rear Trunnion Plate		1
26	TS-0720071	Lock Washer	1/4	3
27	TS-0050011	Hex Cap Screw	1/4-20x1/2	1
28	JWSS22B-328	Table		1
29	TS-0273062	Socket Set Screw	1/4-20x1	4
30	JWSS22B-330	Dust Collect Plate		1
31	JWL1015-124	Button Head Socket Screw	#10-24x1/4	4
32	JWSS22B-332	Dust Port	1-1/2 OD	1
33	TS-0561082	Hex Nut	3/8-16	8
34	JWSS22B-334	Leveling Foot	3/8-16x1-1/4	4
35	JWSS22B-335	Blade Rack		1
36	TS-2286121	Pan Head Screw	M6x12	2
37	JWSS22B-337	Sponge		1
38	F002095	External Tooth Lock Washer	M4	1
39	TS-0050031	Hex Cap Screw	1/4-20x3/4	2

15.3.1 JWSS-22B Drive Link Assembly – Exploded View

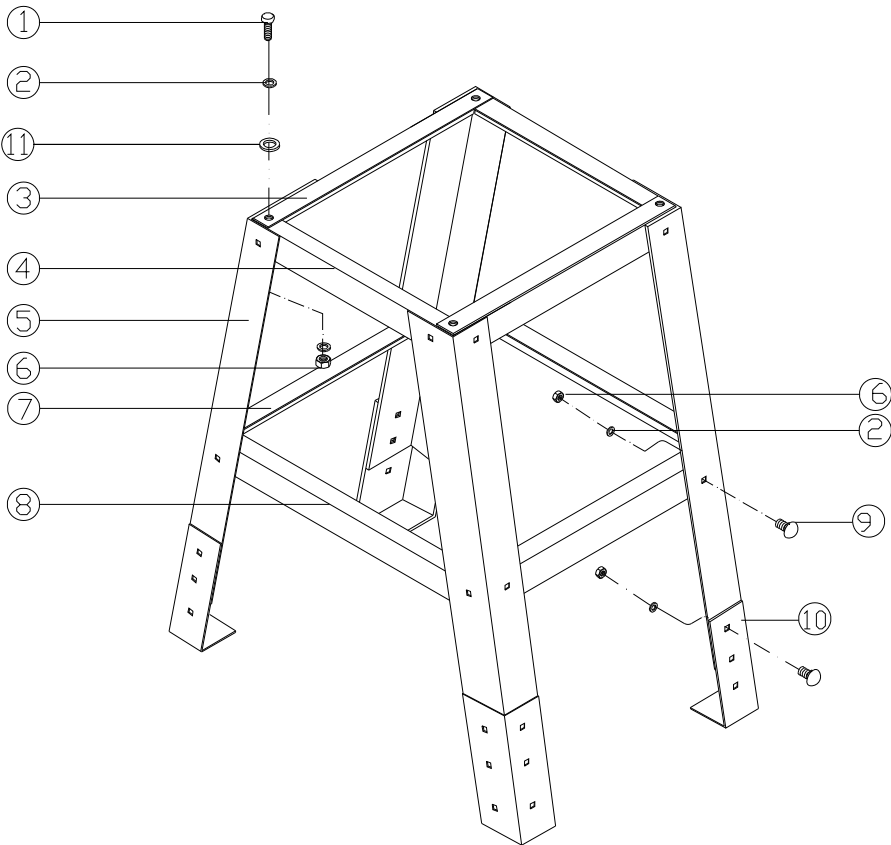


15.3.2 JWSS-22B Drive Link Assembly – Parts List

Index No	Part No	Description	Size	Qty
1	JWSS22B-401	Motor		1
	JWSS22B-MCB	Motor Carbon Brush (not shown)		2
	JWSS22B-MCBC	Motor Carbon Brush Cap (not shown)		2
	LM000190	Motor Label, JWSS-22B (not shown)		1
2	JWSS22B-402	Balance Block		1
3	TS-1523011	Socket Set Screw	M6x6	1
4	TS-0254021	Button Head Socket Screw	1/4-20x1/2	3
5	TS-0720071	Lock Washer	1/4	3
6	TS-0680021	Flat Washer	1/4	3
7	JWSS22B-407	Motor Cover Plate		1
8	TS-1514021	Socket Head Flat Screw	M6x16	4
	JWSS22B-CDLA	Complete Drive Link Assembly (#9 thru 27, #52)		1
9	BB-608ZZ	Ball Bearing	608ZZ	1
10	TS-1550061	Flat Washer	M8	6
11	JWSS22B-411	Motor Cam		1
12	JWSS22B-412	Nut	M8xP1.25LH	1
13	JWSS22B-413	Bearing	810	3
14	JWSS22B-414	Inner Bearing Sleeve	Ø8.046x21.5mm	1
15	TS-1541011	Hex Nylon Lock Nut	M5	1
16	TS-1550031	Flat Washer	M5	2

Index No	Part No	Description	Size	Qty
17	JWSS22B-417	Rocker Cam		1
18	JWSS22B-418	Bearing	0609	12
19	JWSS22B-419	Inner Bearing Sleeve (Long)	Ø6.03x16.5mm	2
20	F005667	Socket Head Cap Screw	M5x28	1
21	JWSS22B-421	Main Rocker Pivot	Ø14.04x35.50mm	1
22	JWSS22B-422	Bearing Cover		2
23	JWSS22B-423	Bearing	1412	2
24	JWSS22B-424	Bushing		1
25	TS-1550021	Flat Washer	M4	8
26	TS-1541001	Hex Nylon Lock Nut	M4	12
27	TS-1501071	Socket Head Cap Screw	M4x25	6
28	JWSS22B-428	Rocker Mount		2
29	F005359	Socket Head Cap Screw	M4x45	2
30	JWSS22B-430	Air Pump Bellows		2
31	JWSS22B-431	Inner Bearing Sleeve – Front Rocker	Ø8.03x18.40mm	2
32	JWSS22B-432	Front Rocker		2
33	JWSS22B-433	Inner Bearing Sleeve (Long)	Ø6.03x37mm	2
34	JWSS22B-434	Inner Bearing Sleeve	Ø6.03x16mm	2
35	JWSS22B-435	Strut		2
	JWSS22B-NLBACK	New Lower Blade Chuck Kit (#26,36,37,59,64) <i>Serial no. 18011801 and higher</i>		1
36	JWSS22B-436A	Lower Blade Chuck with Magnet		1
37	F005668	Socket Head Cap Screw	M4x22	2
38	JWSS22B-438	Set Screw	M6x5	5
	727201	Lower Blade Holder Assembly (#38, 40, 56 thru 58), set of 3		1
40	JWSS22B-440	Lower Blade Holder		2
42	JWSS22B-442	Blade	0.36mm (t) x 1.1mm (W) x 130mm (L) x 11 TPI	5
43	JWSS22B-443	Tension Lever		1
44	JWSS22B-444	Screw		3
45	TS-1541011	Hex Nylon Lock Nut	M5	1
46	JWSS22B-446	Bolt		1
47	JWSS22B-447	Upper Blade Chuck		1
48	JWSS22B-448	Spring		1
49	JWSS22B-449	Bearing	R4ZZ	4
50	JWSS22B-450	Blade Clamp Assembly (includes #38)		1
51	JWSS22B-451	Plate		1
52	JWSS22B-452	Drive Link Assembly		2
55	JWSS22B-455	Inner Bearing Sleeve (Short)	Ø6.03x21mm	2
	JWSS22B-TSA	Thumb Screw Assembly (#56 thru 58)		1
56	JWSS22B-456	Thumb Screw		1
57	JWSS22B-457	O-Ring		1
58	JWSS22B-458	Press Bar		1
59	JWSS22B-459A	Inner Bearing Sleeve	Ø6.03x14.2mm	1
62	F005673	Socket Head Cap Screw	M4x27	2
63	TS-1501081	Socket Head Cap Screw	M4x30	2
64	TS-1550021	Flat Washer	M4	8
65	TS-1550041	Flat Washer	M6	2
66	F005672	Socket Head Cap Screw	M4x24	2
67	JWSS22B-267	Cable, Main Switch to PCB (not shown)		1

15.4.1 Stand (OPTIONAL) for JWSS-22B Scroll Saw – Exploded View



15.4.2 Stand (OPTIONAL) for JWSS-22B Scroll Saw – Parts List

Index No	Part No	Description	Size	Qty
	727200S	Stand for Scroll Saw (#1 thru 10)		
1	TS-0051051	Hex Cap Screw	5/16"-18 x 1"	4
2	TS-0680031	Flat Washer	5/16"	32
3	JWSS22B-103	Top Short Brace		2
4	JWSS22B-104	Top Long Brace		2
5	JWSS22B-105	Leg		4
6	TS-0570021	Hex Nut	5/16"-18	28
7	JWSS22B-107	Bottom Short Brace		2
8	JWSS22B-108	Bottom Long Brace		2
9	JWSS22B-109	Round Hd. Carriage Bolt, b.oxide	5/16"-18 x 1/2"	24
10	JWSS22B-110	Leg Extension		4
11	JWSS22B-111	Rubber washer (included with saw hardware)		4
	JWSS22B-SHK	Stand Hardware Kit (#1,2,6,9)		