



# Operating Instructions and Parts Manual Oscillating Spindle Sander

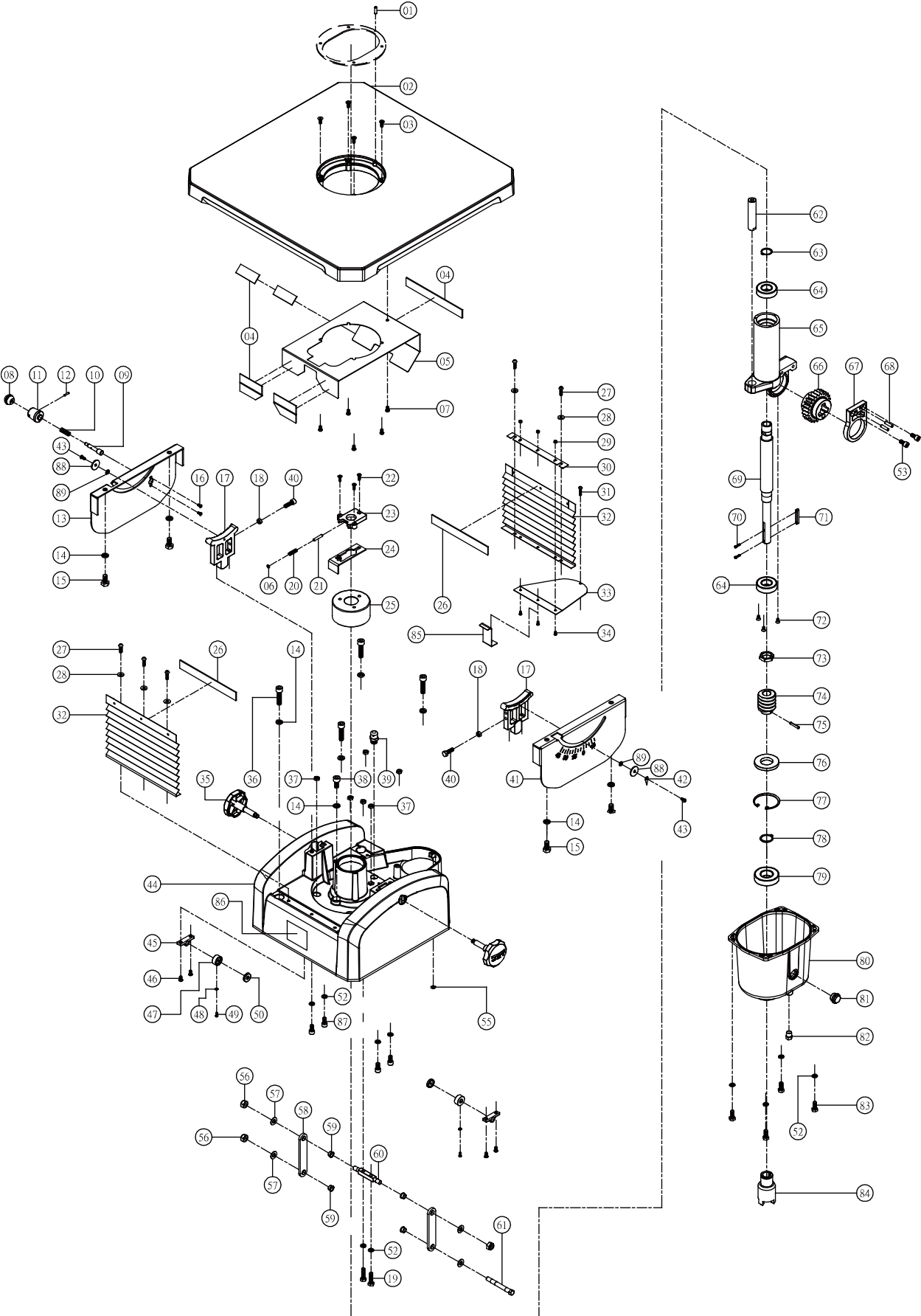
Model JOSS-S



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# 12.1.1 JOSS-S Table Assembly – Exploded View

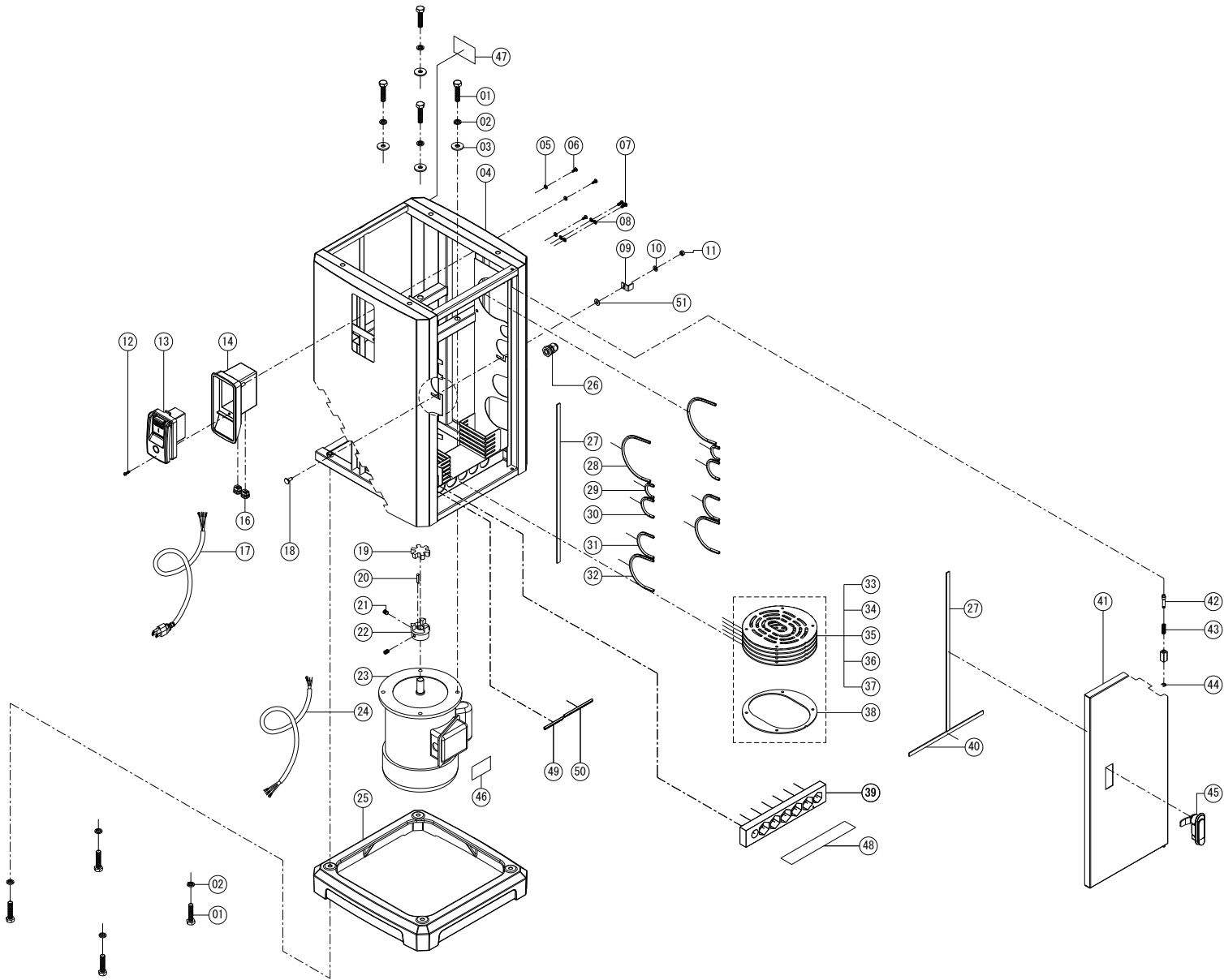


## 12.1.2 JOSS-S Table Assembly – Parts List

Index No	Part No	Description	Size	Qty
1	SBR30M-62	Spring Pin	5*20L	1
2	JOSS-S-102	Table		1
3	JOSS-S-103	Phillips Flat Head Screw	M6*1.0P*15L	4
4	JOSS-S-104	Hook-and-Loop Fastener (Male) Set		1
5	JOSS-S-105	Rubber Shield Holder		1
6	TS-1550031	Flat Washer	5.5*8*1T	1
7	JOSS-S-107	Phillips Round Head Screw	M6*1.0P*10L	5
8	JOSS-S-108	Knob		1
9	JOSS-S-109	Stop Pin		1
10	JOSS-S-110	Compression Spring		1
11	JOSS-S-111	Stop Pin Housing		1
12	40345	Spring Pin	3*16L	1
13	JOSS-S-113	Left Table Trunnion		1
14	TS-2361101	Lock Washer	M10	9
15	TS-1491021	Hex Cap Screw	M10*1.5P*20L	4
16	TS-1512011	Socket Head Flat Screw	M4*0.7P*10L	2
17	JOSS-S-117	Guide Block		2
18	TS-1540061	Hex Nut	M8*1.25P	2
19	TS-1490051	Hex Cap Screw	M8*1.25P*30L	3
20	JOSS-S-120	Compression Spring		1
21	60B-277	Spring Pin	6*36L	1
22	F010958	Phillips Flat Head Screw	M5*0.8P*20L	3
23	JOSS-S-123	Spindle Lock Seat		1
24	JOSS-S-124	Spindle Lock		1
25	JOSS-S-125	Cap		1
26	JOSS-S-126	Hook-and-Loop Fastener (Female)		2
27	JOSS-S-127	Phillips Round Head Screw	M6*1.0P*20L	5
28	TS-0692061	Flat Washer	6.4*16*1.6T	5
29	TS-1540021	Hex Nut	M4*0.7P	3
30	JOSS-S-130	Rubber Shield Holder		1
31	TS-2285202	Phillips Round Head Screw	M5*0.8P*20L	1
32	JOSS-S-132	Rubber Shield		2
33	JOSS-S-133	Dust Chute Cover		1
34	TS-2284082	Phillips Round Head Screw	M4*0.7P*8L	3
35	JOSS-S-135	Knob		2
36	TS-1505061	Socket Head Cap Screw	M10*1.5P*40L	4
37	TS-1540061	Hex Nut	M8*1.25P	6
38	TS-1505021	Socket Head Cap Screw	M10*1.5P*20L	1
39	JOSS-S-139	Oil Filler Plug		1
40	TS-1504051	Socket Head Cap Screw	M8*1.25P*25L	2
41	JOSS-S-141	Right Table Trunnion		1
42	JOSS-S-142	Pointer		1
43	F001208	Phillips Round Head Screw	M5*0.8P*8L	2
44	JOSS-S-144	Quill Housing		1
45	JOSS-S-145	Knob Seat		2
46	JOSS-S-146	Self Tapping Screw	1/4**5/8"L	4
47	JOSS-S-147A	Collar		2
48	TS-2361041	Lock Washer	M4	2
49	TS-2284102	Phillips Round Head Screw	M4*0.7P*10L	2
50	JOSS-S-150A	Rubber Pad		2
52	TS-2361081	Lock Washer	M8	10
53	TS-1504031	Socket Head Cap Screw	M8*1.25P*16L	2
55	JOSS-S-155	Square Nut	M5*0.8P	1
56	TS-1541041	Nylon Lock Hex Nut	M10*1.5P	3
57	TS-1550071	Flat Washer	10*20*2T	4
58	JOSS-S-158	Link		2
59	JOSS-S-159	Oilite Shaft Bushing		4
60	JOSS-S-160	Link Shaft		1
61	JOSS-S-161	Worm Gear Shaft		1

Index No	Part No	Description	Size	Qty
62	JOSS-S-162	Guide Bar		1
63	JOSS-S-163	Retaining Ring	STW-25	1
64	BB-6205VV	Ball Bearing	6205VV	2
65	JOSS-S-165	Quill		1
66	JOSS-S-166	Worm Gear		1
67	JOSS-S-167	Worm Gear Fitting Bracket		1
68	PM2800-039	Spring Pin	6*25L	2
69	JOSS-S-169	Main Shaft		1
70	JOSS-S-170	Socket Head Cap Screw	M3*0.5P*14L	2
71	JOSS-S-171	Key		1
72	TS-2285101	Phillips Flat Head Screw	M5*0.8P*10L	3
73	JOSS-S-173	Special Nut		1
74	JOSS-S-174	Worm Shaft		1
75	OVS10-050	Spring Pin	6*30L	1
76	JOSS-S-176	Oil Seal	30*62*8T	1
77	JOSS-S-177	Retaining Ring	RTW-62	1
78	JOSS-S-178	Retaining Ring	STW-30	1
79	BB-6206VV	Ball Bearing	6206VV	1
80	JOSS-S-180	Oil Tank		1
81	JOSS-S-181	Oil Sight Glass		1
82	JOSS-S-182	Oil Drain Plug	PT-19, 1/4"	1
83	TS-1490031	Hex Cap Screw	M8*1.25P*20L	4
84	JOSS-S-184	Shaft Coupling		1
85	JOSS-S-185	Stop Bracket		1
86	JOSS-S-186	Warning Label		1
87	TS-1504041	Socket Head Cap Screw	M8*1.25P*20L	4
88	TS-1550031	Flat Washer	5.5*22*2T	2
89	TS-1551031	Lock Washer	M5	2

12.2.1 JOSS-S Cabinet Assembly – Exploded View



## 12.2.2 JOSS-S Cabinet Assembly – Parts List

Index No.	Part No.	Description	Size	Qty
1	TS-2210451	Hex Cap Screw	M10*1.5P*45L	8
2	TS-2361101	Lock Washer	M10	8
3	5051911	Flat Washer	10*28*3T	4
4	JOSS-S-204	Cabinet		1
5	TS-1550021	Flat Washer	4.3x10x1T	3
6	F011291	Phillips Round Head Tapping Screw	M4*15L	3
7	F001205	Phillips Round Head Screw	M5*0.8P*10L	2
8	JOSS-S-208	Star Washer	M5	4
9	JOSS-S-209	Door Catch		1
10	TS-1550041	Flat Washer	6.5*13*1T	1
11	TS-2311061	Hex Nut	M6*1.0P	1
12	F011291	Phillips Pan Head Tapping Screw	M4*15L	1
13	JOSS-S-213	Switch		1
14	JOSS-S-214	Switch Box		1
16	JOSS-S-216	Strain Relief	SB7R-3	2
17	JOSS-S-217	Power Cord	3x16 AWG	1
18	JOSS-S-218	Carriage Bolt	M6*1.0P*16L	1
19	JOSS-S-219	Coupling Cushion		1
20	JOSS-S-220	Key	5*5*25L	1
21	TS-0270031	Socket Set Screw	5/16"-18UNC*3/8"L	2
22	JOSS-S-222	Motor Coupling		1
23	JOSS-S-223	Motor	1HP, 115/230V, 1Ph	1
24	JOSS-S-224	Motor Cord		1
25	JOSS-S-225	Base		1
26	JOSS-S-226	Strain Relief	PG 9	1
27	JOSS-S-227	Sponge Strip	10*2*470mm	2
28	JOSS-S-228	Edging Strip (for 4" Rubber Drum)		2
29	JOSS-S-229	Edging Strip (for 1" Rubber Drum)		2
30	JOSS-S-230	Edging Strip (for 1-1/2" Rubber Drum)		2
31	JOSS-S-231	Edging Strip (for 2" Rubber Drum)		2
32	JOSS-S-232	Edging Strip (for 3" Rubber Drum)		2
33	JOSS-S-233	Table Insert (for 1/4"~3/4" Spindle)		1
34	JOSS-S-234	Table Insert (for 1", 1-1/2", 2" Rubber Drum)		1
35	JOSS-S-235	Table Insert (only for 3/8" spindle at 90 deg.)		1
36	JOSS-S-236	Table Insert (only for 2" Rubber Drum at 90 deg.)		1
37	JOSS-S-237	Table Insert (only for 4" Rubber Drum at 90 deg.)		1
38	JOSS-S-238	Table Insert for 3", 4" Rubber Drum		1
39	JOSS-S-239	Spindle Seat		1
40	JOSS-S-240	Sponge Strip	10*2*235mm	1
41	JOSS-S-241	Cabinet Door		1
42	JOSS-S-242	Door Pivot		1
43	JOSS-S-243	Compression Spring		1
44	JOSS-S-244	Retainer Ring	ETW-5	1
45	JOSS-S-245	Door Latch		1
46	JOSS-S-246	Motor Label		1
47	JOSS-S-247	ID Label		1
48	JOSS-S-248	Shaft Size Indication Label		1
49	JOSS-S-249	Edging Strip (for 5/8", 3/4" Shaft)		1
50	JOSS-S-250	Edging Strip (for 1/4", 3/8", 1/2" Shaft)		1
51	TS-1550061	Flat Washer	M8	1
	JET-92	JET Logo (not shown)	92x38mm	1



### 12.3.2 JOSS-S Spindle and Drum Assembly– Parts List

Index No.	Part No.	Description	Size	Qty
1	JOSS-S-301	Combination Wrench		1
2	JOSS-S-302	Magnet (Large)		1
3	TS-152704	Hex Wrench	3mm	1
4	JOSS-S-304	Magnet (Small)		1
5	TS-0571082	Hex Nut	3/4"-16UNF	1
6	JOSS-S-306	Special Nut		5
7	JOSS-S-307	Pin	5*25	5
8	TS-2276081	Socket Set Screw	M6*1.0P*8L	4
9	JOSS-S-309	Retaining Ring	STW-17	4
10	JOSS-S-310A	Spindle Assembly (incl. #6, 7, 8, 9, 11, 13 & 100G sleeve)	1/4"	1
11	JOSS-S-311A	Spindle	1/4"	1
12 *	575891	Sanding Sleeve (60 Grit) – 4 pack	1/4" x 6"	
	575893	Sanding Sleeve (100 Grit) – 4 pack	1/4" x 6"	
	575894	Sanding Sleeve (150 Grit) – 4 pack	1/4" x 6"	
13	JOSS-S-313	Collar (for 1/4" Spindle Assembly)		1
14	JOSS-S-314	Spindle Assembly (incl. #6, 7, 8, 9, 15, 17 & 100G sleeve)	3/8"	1
15	JOSS-S-315	Spindle	3/8"	1
16	575896	Sanding Sleeve (60 Grit) – 4 pack	3/8" x 6"	
	575898	Sanding Sleeve (100 Grit) – 4 pack	3/8" x 6"	
	575899	Sanding Sleeve (150 Grit) – 4 pack	3/8" x 6"	
17	JOSS-S-317	Collar (for 3/8" Spindle Assembly)		1
18	JOSS-S-318	Spindle Assembly (incl. #6, 7, 8, 9, 19, 21 & 100G sleeve)	1/2"	1
19	JOSS-S-319	Spindle	1/2"	1
20	575901	Sanding Sleeve (60 Grit) – 4 pack	1/2" x 6"	
	575903	Sanding Sleeve (100 Grit) – 4 pack	1/2" x 6"	
21	JOSS-S-321	Collar (for 1/2" Spindle Assembly)		1
22	JOSS-S-322	Spindle Assembly (incl. #6, 7, 8, 9, 23, 25 & 100G sleeve)	5/8"	1
23	JOSS-S-323	Spindle	5/8"	1
24	575906	Sanding Sleeve (60 Grit) – 4 pack	5/8" x 6"	
	575908	Sanding Sleeve (100 Grit) – 4 pack	5/8" x 6"	
	575909	Sanding Sleeve (150 Grit) – 4 pack	5/8" x 6"	
25	JOSS-S-325	Collar (for 5/8" Spindle Assembly)		1
26	JOSS-S-326	Spindle Assembly (incl. #6, 7, 27 & 100G sleeve)	3/4"	1
27	JOSS-S-327	Spindle	3/4"	1
28	575911	Sanding Sleeve (60 Grit) – 4 pack	3/4" x 9"	
	575913	Sanding Sleeve (100 Grit) – 4 pack	3/4" x 9"	
	575914	Sanding Sleeve (150 Grit) – 4 pack	3/4" x 9"	
29	JOSS-S-329	Self Tapping Screw	M3*12L	12
30	JOSS-S-330	Drum Assembly (incl. #31 & 100G sleeve)	1"	1
31	JOSS-S-331	Rubber Drum	1"	1
32	575916	Sanding Sleeve (60 Grit) – 4 pack	1" x 9"	
	575918	Sanding Sleeve (100 Grit) – 4 pack	1" x 9"	
	575919	Sanding Sleeve (150 Grit) – 4 pack	1" x 9"	
33	JOSS-S-333	Drum Assembly (incl. #34 & 100G sleeve)	1-1/2"	1
34	JOSS-S-334	Rubber Drum	1-1/2"	1
35	575926	Sanding Sleeve (60 Grit) – 4 pack	1-1/2" x 9"	
	575928	Sanding Sleeve (100 Grit) – 4 pack	1-1/2" x 9"	
	575929	Sanding Sleeve (150 Grit) – 4 pack	1-1/2" x 9"	
36	JOSS-S-336	Drum Assembly (incl. #29, 37, 39, & 100G sleeve)	2"	1
37	JOSS-S-337	Rubber Drum	2"	1
38	575936	Sanding Sleeve (60 Grit) – 4 pack	2" x 9"	
	575938	Sanding Sleeve (100 Grit) – 4 pack	2" x 9"	
	575939	Sanding Sleeve (150 Grit) – 4 pack	2" x 9"	
39	JOSS-S-339	Washer	2"	2
40	JOSS-S-340	Drum Assembly (incl. #29, 41, 43 & 100G sleeve)	3"	1
41	JOSS-S-341	Rubber Drum	3"	1



Index No.	Part No.	Description	Size	Qty
42	575946	Sanding Sleeve (60 Grit) – 4 pack	3" x 9"	
	575948	Sanding Sleeve (100 Grit) – 4 pack	3" x 9"	
	575949	Sanding Sleeve (150 Grit) – 4 pack	3" x 9"	
43	JOSS-S-343	Washer	3"	2
44	JOSS-S-344	Drum Assembly (incl.#29, 45, 47 & 100G sleeve)	4"	1
45	JOSS-S-345	Rubber Drum	4"	1
46	575951	Sanding Sleeve (60 Grit) – 4 pack	4" x 9"	
	575953	Sanding Sleeve (100 Grit) – 4 pack	4" x 9"	
	575954	Sanding Sleeve (150 Grit) – 4 pack	4" x 9"	
47	JOSS-S-347	Washer	4"	2



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