



Component Wear Percentages

0.7hp. Right-Angle – Composite Housing Disc Sanders

Models: 54400, 54403, 54406, 54409

Notes: This service chart is published as a guide to expectant life of components. The replacement levels are based on average tool usage over one year. Dynabrade, Inc. considers one year usage to be 1,000 hours.

Item No.	Part No.	Description	No. Req.	High	Medium	Low	Non-Wear
1	51347	3" Locking-Type Pad – 54400, 54403	1			X	
	50192	4" Locking-Type Pad – 54406, 54409	1			X	
2	02035	Lock Nut	1				X
3	01486	Felt Silencer	1	T			
4	02083	Spindle (3/8"-24)	1				X
5	54520	Bearing	1			T	
6	97116	Shim - 0.025 Thk	AR		T		
7	97117	Shim - 0.05 Thk	AR		T		
8	97118	Shim - 0.127 Thk	AR		T		
9	02589	Gear - 54400, 54403	1			X	
	02599	Gear - 54406, 54409	1			X	
10	02042	Bottom Wick - 54400, 54403	1		T		
	02044	Bottom Wick - 54406, 54409	1		T		
11	02045	Top Wick	1		T		
12	02031	Housing Assembly	1				X
12.1	02033	Bearing	1				X
12.2	02041	Lube Plate	1			X	
12.3	01041	Fitting	1			X	
13	53570	Lock Ring - 54400, 54406	1				X
	01461	Lock Ring - 54403, 54409	1				X
See 30 - 41	For	Extension Parts, Mdls 54403, 54409					
14	53569	Spacer - 54343, 54359	1				X
15	01880	Motor Assembly - 54406	1			X	
	01881	Motor Assembly - 54400	1			X	
15.1	02592	Pinion - 54400	1			X	
	02594	Pinion - 54406	1			X	
15.2	01007	Bearing - ALL Mdls	1		T		
15.3	01293	Shim - 0.025 Thk - All Mdls	AR		T		
15.4	01294	Shim - 0.05 Thk - All Mdls	AR		T		
15.5	52924	Front Bearing Plate - All Mdls	1				X
15.6	01010	Spacer - All Mdls	1			X	
15.7	55021	Rotor - All Mdls	1				X
15.8	01185	Vane (4/Pkg) - All Mdls	1		T		
15.9	01028	Cylinder - All Mdls	1			X	

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15.10	50767	Pin - All Mdls	1			X	
15.11	01721	Rear Bearing Plate - All Mdls	1				X
15.12	02649	Bearing - All Mdls	1		T		
16	53175	Insulation Collar - 54400, 54406	1		X		
17	01017	Pin - All Mdls	1			T	
18	95558	Retaining Ring - All Mdls	1			T	
19	01089	Safety-Lock Throttle Lever - All Mdls	1			X	
20	01477	Valve Stem - All Mdls	1		T		
21	01464	Seal - All Mdls	1		T		
22	01472	Tip Valve - All Mdls	1		T		
23	01468	Spring - All Mdls	1		T		
24	01564	Air Control Ring - 54400, 54403	1				X
	01568	Air Control Ring - 54406, 54409	1				X
25	01247	Regulator - All Mdls	1			T	
26	01024	O-Ring - All Mdls	1			X	
27	95730	O-Ring - All Mdls	1			X	
28	25160	Motor Housing Assy - 54400	1				X
	25163	Motor Housing Assy - 54403	1				X
	25166	Motor Housing Assy - 54406	1				X
	25169	Motor Housing Assy - 54409	1				X
28.1	96119	Specification Label - All Mdls	1			X	
28.2	96191	Warning Label - All Mdls	1			X	
29	94535	Muffler Assembly - All Mdls	1			X	
29.1	95711	Snap Ring - All Mdls	1			T	
29.2	01486	Felt Silencer	4	T			
29.3	96065	O-Ring - All Mdls	1			T	
29.4	01446	Air Deflector - All Mdls	1			X	
29.5	95620	Retaining Ring - All Mdls	1			T	
29.6	01578	Inlet Adapter - All Mdls	1			X	
30	01547	Insulation Collar - 54403, 54409	1		X		
31	02590	Pinion - 54403	1			X	
	02600	Pinion - 54409	1			X	
33	02649	Bearing - 54403, 54409	1		X		
34	53579	Extension Housing - 54403, 54409	1				X
35	53564	Extension Spindle - 54403, 54409	1				X
36	98505	Wave Washer - 54403, 54409	1				X
37	51969	Coupling Nut - 54403, 54409	1				X
38	50902	Coupler - 54403, 54409	1				X
39	53574	Spacer - 54403, 54409	1				X
41	01882	Motor Assembly - 54403, 54409	1			X	

Use Tune-Up Kit: 96680

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