



Component Wear Percentages

Right Angle Disc Sanders – 0.4 hp.

Models: 47820, 47821, 47822, 48520, 48521, 48522, 48530, 48531, 48532, 48540, 48541, 48542

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	51344 51346	2" Locking-Type Pad 3" Locking-Type Pad	1			X	
2	02029	Spindle - 1/4"-20	1				X
3	02035	Lock Nut	1				X
4	01486	Felt Silencer					
		Mdl's. 47820, 47821, 47822	1		T		
		48520, 21, 22, 48530, 31, 32, 48540, 41, 42	5		T		
5	54520	Bearing	1		X		
6	54557	Shim Pack (3/Pkg.)	1		X		
7	Gear		1				
	02623	12,000 RPM				X	
	02597	15,000 RPM				X	
	02599	20,000 RPM				X	
8	Bottom Wick						
	02042	12,000 RPM	1		X		
	02044	15,000 RPM & 20,000 RPM	1		X		
9	Top Wick						
	02043	12,000 RPM	1		X		
	02045	15,000 RPM & 20,000 RPM	1		X		
10	Right Angle	Housing Assembly					
	02031	Rear Exhaust Models	1				X
	02052	Front Exhaust Models	1				X
10.1	02033	Needle Bearing	1			X	
10.2	02041	Gear Oil Plate	1			X	
10.3	01041	Lube Fitting	1			X	
11	01547	Insulator Collar	1			X	
12.1	Pinion		1				
	02624	12,000 RPM				X	
	02598	15,000 RPM				X	
	02600	20,000 RPM				X	
12.2	02649	Bearing	1			T	
12.3	01479	Spacer	1			T	
12.4	54529	Shim Pack (3/Pkg.)	1		T		
12.5	01478	Front Bearing Plate	1			X	

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Component Wear Percentages

12.6	50767	Pin	2			X	
12.7	45293	Rotor	1				X
12.8	01480	Vane (4/Pkg.)	1		T		
12.9	01476	Cylinder	1			X	
12.10	02676	Rear Bearing Plate	1			X	
12.11	02696	Bearing	1		T		
13	45272	Governor Assembly	1			X	
14	45320	Governor Chamber	1			X	
15	01728	Felt Silencer (Front Exhaust)	1		T		
16	45307	Housing Assembly - 12,000, 15,000, 20,000 RPM	1				X
17	96077	O-Ring	1			T	
18	Sleeve	SEE PARTS PAGE	1				
19	97060	Pin	1			T	
20	45315	Bushing	1			T	
21	97045	Pin	1			T	
22	45263	Safety-Lock Throttle Lever	1			X	
23	45310	Tip Valve Seal	1			T	
24	58365	Tip Valve	1			T	
25	01468	Spring	1			T	
26	01564	Air Control Ring (Rear Exhaust)	1				X
	53190	Block Plate (Front Exhaust)	1				X
27	94535	Standard Muffler Assembly	1			X	
27.1	95711	Retaining Ring (Rear Exhaust)	1			T	
27.2	96065	O-Ring	1			T	
27.3	01446	Air Deflector	1			X	
27.4	95620	Retaining Ring	1			T	
27.5	01578	Inlet Adapter	1				X
28	94520	Extended Muffler Assembly	1			X	
28.1	95438	O-Ring	1			T	
28.2	94521	Muffler Base	1			X	
28.3	94528	Felt Muffler	1			T	
28.4	94522	Muffler Cap	1			X	
28.5	95375	O-Ring	1			T	
28.6	94526	Spacer	1				X
28.7	94523	Inlet Adapter Assembly	1				X
29	01494	Inlet Adapter (Front Exhaust)	1				X
--	95262	14 mm Open-End Wrench	1				

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