



Component Wear Percentages

2.8 hp. Rebel, Right Angle Grinder/Sander Series

Models: 53281, 53283

Notice: 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.

Tune-Up Kit **96644** includes components identified by "T".

Item No.	Part No.	Description	No. Req.	High	Medium	Low	Non-Wear
1	54989	RETAINING SCREW	1			X	
2	54982	OUTER FLANGE	1				X
3	54930	AUTO BALANCER	1				X
4	96274	SCREW	5			X	
5	54918	7" TYPE 27 GUARD - 53281	1				X
	54919	9" TYPE 27 GUARD - 53283	1				X
6	54952	LOCK RING	1				X
7	54950	SPINDLE	1			X	
8	54917	BEARING	1			X	
9	52132	SHIM	1				X
10	52133	SHIM	1			X	
11	54912	GEAR SET - 53281	1			X	
	54911	GEAR SET - 53283	1			X	
12	02649	BEARING	1			X	
13	97995	WAVE DISC	1			X	
14	98285	SPRING	1			X	
15	96156	O-RING	1			X	
16	54938	PLUNGER	1			X	
17	53134	DAMPENING HANDLE	1			X	
18	54928	SILENCER	1		T		
19	54954	MUFFLER COVER	1			X	
20	50511	SCREW	1		T		
21	55095 55097	HOUSING - 53281 HOUSING - 53283 INCLUDES 54939 BUSHING	1				X
21.1	25286	WARNING LABEL	1		*AR		
21.2	25285	MODEL LABEL	1		*AR		
22	54900	BEARING	1		T		
23	94910	SHIM PACK	1	T			
24	54909	SHIM	1	T			
25	01787	O-RING	1		T		
26	54901	FRONT END PLATE	1				X
27	54902	SPACER	1			X	
28	54904	VANE SET (4/PKG)	1	T			
29	54903	ROTOR	1				X
30	54905	CYLINDER	1			X	
31	96441	PIN	1				X
32	54906	REAR END PLATE	1				X
33	96779	O-RING	1		T		
34	54908	OVERSPEED DOOR	1		T		
35	96774	HINGE PIN	1		T		
36	96775	SCREW	2		T		
37	96772	WAVE WASHER	1		T		
38	96773	O-RING	1		T		
39	54907	BEARING	1		T		
40	54984	GOVERNOR ASSY	1		T		



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41	54953	GOVERNOR CHAMBER	1				X
42	95526	O-RING	1		T		
43	54958	GASKET	1		T		
44	54960	MOTOR SPRING	1			X	
45	54961	SPACER	1			X	
46	54936	THROTTLE HANDLE	1				X
47	95720	SCREW	4			X	
48	54940	BUSHING	1				X
49	97045	PLUNGER	1		T		
50	96776	PIN	1		T		
51	54937	THROTTLE LEVER	1			X	
52	54941	SAFETY LATCH	1			X	
53	54942	SPRING	1			X	
54	95164	PIN	1			X	
55	54945	PIN	1			X	
56	54943	ACTIVATOR PIVOT	1			X	
57	54944	BALL SEAT	1			X	
58	97807	O-RING	1		T		
59	54946	BALL	1		T		
60	54947	SPRING	1		T		
61	96512	RETAINING RING	1		T		
62	54988	INLET SCREEN	1		T		
63	96777	O-RING	1		T		
64	54990	INLET BUSHING	1				X

* AR - "As Required"