



## Component Wear Percentages

### 0.4 hp. Angle-Head

**Models:** 49135, 49400, 49401, 49410, 49420, 49430, 49440, 49455

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. ("T" Identifies parts included in 96541 Motor Tune-Up Kit.)

#### PARTS COMMON TO ALL MODELS:

Item No.	Part No.	Description	No. Req.	High	Medium	Low	Non-Wear
1	54560	ANGLE HEAD ASSEMBLY	1			X	
1.1	54550	BEARING CAP	1				X
1.2	54537	BEARING	1		X		
1.3	54549	WORK SPINDLE	1			X	
1.4	54542	BEARING	2		X		
1.5	54536	SHIM PACK (4/PKG)	AR			X	
1.6	01041	LUBRICANT FITTING	AR			X	
1.7	54547	ANGLE HOUSING	1				X
1.8	54546	BEVEL GEAR	1			X	
1.9	54541	SPINDLE	1			X	
1.10	54529	SHIM PACK (3/PKG)	AR			T	
1.11	95398	BEARING	1		X		
1.12	54540	RETAINING NUT	1				X
2	54527	LOCK RING	1				X
3	53451	ADAPTER - 49135/49430/20/40/49400/49401	1				X
	53454	ADAPTER - 49455					
4	50784	SET SCREW	AR			X	
5	01041	LUBRICANT FITTING	AR			X	
6	53450	DRIVE SPLINE	1			X	
7	54520	BEARING	AR		X		
8	54468	RING GEAR	AR			X	
9	50786	PLANETARY CARRIER- 49135/49430/20/40/49400/49401	AR				X
	50787	PLANETARY CARRIER - 49455					
10	54519	GEAR ASSEMBLY - 49135/49430/20/40/49400/49401	AR			X	
	06213	GEAR ASSEMBLY - 49455					
11	54472	SHAFT	AR			X	
12	50788	SPACER - MDL 49455	1				X
13	53150	PINION - MDL 49455	1			X	
14	53152	GEAR CASE	1				X
15	01547	INSULATOR COLLAR	1		X		
16	45298	SHORT BLOCK ASSY - 49135/49430/20/40/49400/49401	1			X	

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	45297	SHORT BLOCK ASSY - 49455					
16.1	02649	BEARING	1		T		
16.2	01478	FRONT BEARING PLATE	1				X
16.3	50767	PIN	2			X	
16.4	01479	SPA CER	1				T
16.5	01480	VANE (4/PKG)	1	T			
16.6	45292	ROTOR - 49135/49430/20/40/49400/49401	1				X
	45291	ROTOR - 49455					
16.7	01476	CYLINDER	1			X	
16.8	02676	REAR BEARING PLATE	1			X	
16.9	02696	BEARING	1		T		
17	45269	GOVERNOR (BLUE)	1			X	
18	45320	GOVERNOR CHAMBER	1				X
19	45305	HOUSING	1				X
20	96077	O-RING	1			T	
21	09692	SLEEVE - 49135	1			X	
	09709	SLEEVE - 49430					
	45247	SLEEVE - 49455					
	45229	SLEEVE - 49420					
	09651	SLEEVE - 49440					
	09683	SLEEVE - 49400					
	09682	SLEEVE - 49401					
22	45315	BUSHING	1			T	
23	97045	PIN	1		T		
24	45263	THROTTLE LEVER	1			X	
25	97060	PIN	1		T		
26	45310	SEAL	1			T	
27	58365	TIP VALVE	1			T	
28	01468	SPRING	1			T	
29	01564	AIR CONTROL RING	1				X
30	94520	MUFFLER ASSEMBLY	1			X	
30.1	95711	SNAP RING	1			T	
30.2	95438	O-RING	1			T	
30.3	94521	MUFFLER BASE	1			X	
30.4	94525	FELT SILENCER	1		T		
30.5	94524	SINTERED MUFFLER	1		T		
30.6	94522	MUFFLER CAP	1			X	
30.7	95375	O-RING	1			T	
30.8	94526	WASHER	1				X
30.9	94523	INLET ADAPTER	1				X
--	95987	WRENCH - 5/16"	1			X	

### PARTS SPECIFIC TO MODEL:

31	52755	VACUUM SHROUD - 49135	1			X	
32	02341	TUBE CLAMP - 49135	1			X	
33	97176	HOSE CLAMP - 49135	2			X	
34	51791	VACUUM HOSE - 49135	1			X	
35	51790	VACUUM ADAPTER - 49135	1			X	
1	50055	COLLET ASSEMBLY - 49420	1			X	
1.1	50036	COLLET CAP - 49420	1			X	

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1.2	50035	COLLET BODY - 49420	1			X	
--	95987	WRENCH (14 MM) - 49420/40/49400/ 49401	1			X	
1	50120	3" DIA. HOOK-FACE PAD	1			X	
2	54021	ADAPTER	1				X
1	54018	1-1/4" PAD - 49400	1		X		
	54037	1-1/4" LOCKING PAD - 49401					
2	54028	R.O.S. HEAD - 49400	1		X		
	54029	R.O.S. HEAD - 49401					

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