

Preventative Maintenance Schedule

For All Model 21075

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

Parts Common to all Models:

LEGEND	
T	Included in Tune-Up Kit.
X	Type of wear, no other comments apply.
L	Easily lost. Care during assembly/disassembly.
D	Easily damaged during assembly/disassembly.



96510 Tune-Up Kit

- Tune-Up Kit contains high wear and medium wear parts.



59457 Drop-In Motor

- Complete motor for fast motor swap out. Minimal down time.

Index #	Part Number	Description	Number Required	High Wear 100%	Medium Wear 70%	Low Wear 30%	Non-Wear 10%
1	N/A	Back-Up Pad	1				X
2	69362	Vacuum Shroud	1				X
3	57069	Balancer Shaft	1				X
4	95630	Snap Ring	1			L	
5	59084	V-Seal	1		T		
6	56052	Bearing	1		T		
7	59062	Motor Shaft Balancer	1				X
8	56047	Key	1		T		
9	59058	Lock Ring	1			X	
10	59057	"Top Hat" Seal	1		T		
11	59083	Felt	1		T		
12	58368	Bearing	2		T		
13	59076	Front Bearing Plate	1			X	
14	57113	Rotor/Blade Set	1	T			
15	59051	Cylinder	1			X	
16	01024	Seal	1		T		
17	59077	Rear Bearing Plate	1			X	
18	98463	Retaining Ring	1		T		
20	21074	Housing	1				X
21	69360	Throttle Lever	1			X	
22	94590	Pin	1		X		
23	57041	Comfort Platform	1			X	
24	98459	O-Ring	1		T		
25	58363	Valve Stem	1		T		
26	59075	Speed Regulator	1			X	
27	01025	O-Ring	2		T		
28	95697	Retaining Ring	1		T		
29	01464	Seal	1		T		
30	58365	Tip Valve	1		T		
31	01468	Spring	1		T		
32	01494	Inlet Bushing	1				X
33	69364	Shroud Adapter	1			X	
34	57083	Vacuum Adapter	1			X	
35	69358	Dowel Pin	1			L	
36	57066	Muffler Body	1			X	
37	95526	O-Ring	1		T		
38	59088	Vacuum Nozzle	1			D	
39	57043	Vacuum Tube	1			X	



59459 Drop-in Motor Repair Kit:

Includes special tools for proper disassembly/assembly of the Dynorbital-Spirit® drop-in motor.

- Includes: 57092 Repair Collar
56058 Lock Ring Wrench



57098 Full Service Repair Kit:

Includes special tools for proper disassembly/assembly of the Dynorbital-Spirit®.

- Includes: 57092 Repair Collar
56058 Lock Ring Wrench
56056 Bearing Puller
57091 Bearing Press Tool
57099 Bearing Puller
96034 12mm Hex Wrench

Machine Specifications

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Tool Diameter inch (mm)	Air Pressure PSIG (Bars)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
21075	.25 (186)	12,000	86 dB(A)	14 (396)	6 (152)	90 (6.2)	1.6 (.7)	9 (229)	3-1/2 (89)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. 1/4" (6mm)

Sound Level is the pressure measurement according to the method outlined in ISO regulation ISO-15744

Optional Accessories

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96510 Motor Tune-Up Kit

- Includes assorted parts to help maintain and repair motor.

59457 Drop-In Motor

- Allows quick and easy replacement. No motor adjustments needed.



96232 (#2) Arbor Press

- This arbor press is ideal for the disassembly and assembly of air motors.



96346 2" Bearing Separator

- Use the separator to remove gears and bearings.



96034 - 12mm Hex Wrench



96343 Retaining Ring Pliers

- Internal/external retaining ring pliers. Tip diameter - 0.038" (0.96mm)



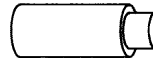
Dynabrade Air Lube

- Formulated for pneumatic equipment.
 - Absorbs up to 10% of its weight in water.
 - Prevents rust and formation of sludge.
 - Keeps pneumatic tools operating longer with greater power and less down time.
- 95821: 4oz. (118 ml)
95842: 1pt. (473 ml)
95843: 1 gal. (3.8 L)



57098 Repair Kit:

- Contains special tools for disassembly/assembly of machine.



57091 Bearing Press Tool

- This tool is used to push against the I.D. of the bearing.



10681 Filter-Regulator-Lubricator

- Minimize the possibility of misuse due to unclean air, wet air or insufficient lubrication.
- Provides accurate air pressure regulation and two stage filtration of water contaminates.

Visit Our Web Site: www.dynabrade.com

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