Parts Page Reorder No. PD05•43T
Effective November, 2005

Model:

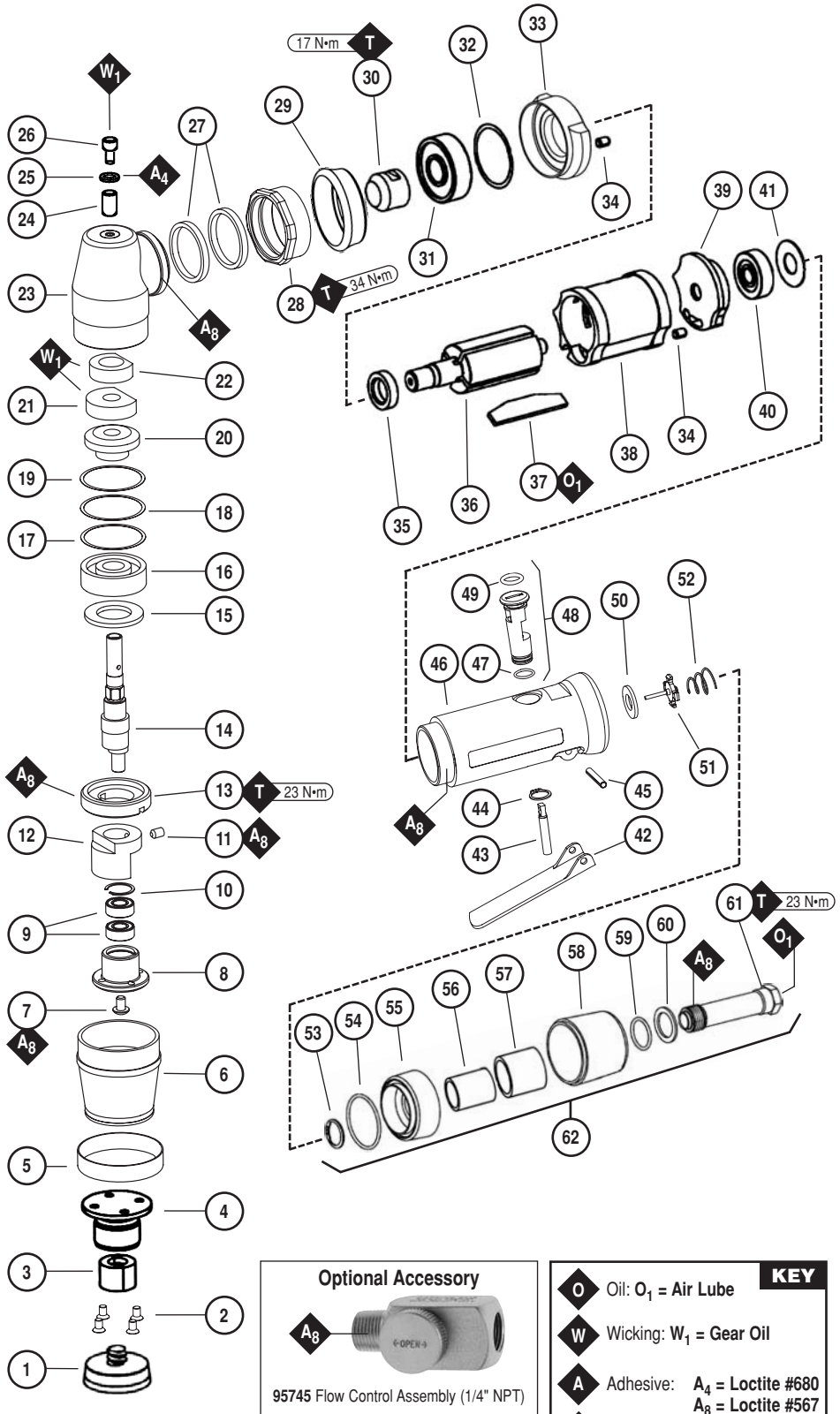
58034 – 12,000 RPM

Right Angle Mini-Orbital Sander

WARNING **Always operate, inspect and maintain this tool in accordance with the Safety Code for portable air tools (ANSI B186.1) and any other applicable safety codes and regulations. Please refer to Dynabrade's Warning/Safety Operating Instructions for more complete safety information.**

Index Key

No.	Part #	Description
1	**54031**	Pad
2	**97005**	Screw (4)
3	**95615**	Roloc Insert (2)
4	**30721**	Plate
5	**30709**	Boot Clamp
6	**30700**	Boot
7	**97174**	Screw
8	**30702**	Balancer Shaft
9	**30705**	Bearing (2)
10	**97172**	Snap Ring
11	**97173**	Set Screw
12	**30703**	Counterweight
13	**02035**	Lock Ring
14	**30704**	Shaft
15	**01486**	Felt Silencer
16	**54520**	Bearing
17	**97118**	Shim
18	**97117**	Shim
19	**97116**	Shim
20	**02623**	Gear
21	**02044**	Bottom Wick
22	**02045**	Top Wick
23	**02031**	Housing
24	**02033**	Needle Bearing
25	**02041**	Gear Oil Plate
26	**01041**	Gear Oil Fitting
27	**01728**	Felt Silencer (2)
28	**01461**	Lock Nut
29	**01547**	Collar
30	**02624**	Pinion
31	**02649**	Bearing
32	**54529**	Shim (3/pkg.)
33	**01478**	Front Bearing Plate
34	**50767**	Pin (2)
35	**01479**	Spacer
36	**02037**	Rotor
37	**01480**	Blades (4/Pkg.)
38	**01476**	Cylinder
39	**02676**	Rear Bearing Plate
40	**02696**	Bearing
41	**02679**	Shield
42	**01448**	Throttle Lever
	01462	Safety Lock Lever
43	**01449**	Valve Stem
44	**95558**	Retaining Ring
45	**12132**	Pin
46	**30722**	Housing
47	**95730**	O-Ring
48	**01469**	Speed Regulator Assembly
49	**01024**	O-Ring
50	**01464**	Seal
51	**01472**	Tip Valve
52	**01468**	Spring
53	**95711**	Retaining Ring
54	**95438**	O-Ring
55	**94521**	Muffler Base
56	**94524**	Sintered Muffler
57	**94525**	Felt Silencer
58	**94522**	Muffler Cap
59	**95375**	O-Ring
60	**94526**	Spacer
61	**94527**	Inlet Adapter
62	**94520**	Muffler Assembly



Optional Accessory

95745 Flow Control Assembly (1/4" NPT)

KEY

- O — Oil: **O_1 = Air Lube**
- W — Wicking: **W_1 = Gear Oil**
- A — Adhesive: **A_4 = Loctite #680**, **A_8 = Loctite #567**
- T — Torque: **N•m x 8.85 = In. - lbs.**

Important Operating, Maintenance and Safety Instructions

Carefully read all instructions before operating or servicing any Dynabrade® Abrasive Power Tool.
Warning: Hand, wrist and arm injury may result from repetitive work motion and overexposure to vibration.
Important: All Dynabrade rotary vane air tools must be used with a Filter-Regulator-Lubricator to maintain all warranties.

Operating Instructions:

Warning: Eye, face, respiratory, sound, and body protection must be worn while operating power tools. Failure to do so may result in serious injury or death. Follow safety procedures posted in workplace.

1. With power source disconnected from tool, securely fasten abrasive/accessory on tool.
2. Install air fitting into inlet bushing of tool. **Important:** Secure inlet bushing of tool with a wrench before attempting to install the air fitting to avoid damaging valve body housing.
3. Connect power source to tool. Be careful not to depress throttle lever in the process.
4. Check tool speed with tachometer. If tool is operating at a higher speed than the RPM marked on the tool or operating improperly, the tool should be serviced to correct the cause before use.

Maintenance Instructions:

1. Check tool speed regularly with a tachometer. If tool is operating at a higher speed than the RPM marked on the tool, the tool should be serviced to correct the cause before use.
2. Some silencers on air tools may clog with use. Clean and replace as required.
3. All Dynabrade rotary vane air motors should be lubricated. Dynabrade recommends one drop of air lube per minute for each 10 SCFM (example: if the tool specifications state 40 SCFM, set the drip rate of your filter-lubricator at 4 drops per minute).
   Dynabrade Air Lube (P/N **95842**: 1 pt. 473 ml.) is recommended.
4. An Air Line Filter-Regulator-Lubricator must be used with this air tool to maintain all warranties. Dynabrade recommends the following: **11405** Air Line Filter-Regulator-Lubricator — Provides accurate air pressure regulation, two-stage filtration of water contaminants and micro-mist lubrication of pneumatic components. Operates 40 SCFM @ 100 PSIG has 3/8" NPT female ports.
5. Use only genuine Dynabrade replacement parts. To reorder replacement parts, specify the **Model #**, **Serial #**, and **RPM** of your machine.
6. A Motor Tune-Up Kit (P/N **96179**) is available which includes assorted parts to help maintain motor in peak operating condition.
7. Mineral spirits are recommended when cleaning the tool and parts. Do not clean tool or parts with any solvents or oils containing acids, esters, keytones, chlorinated hydrocarbons or nitro carbons.

Safety Instructions:

Products offered by Dynabrade should not be converted or otherwise altered from original design without expressed written consent from Dynabrade, Inc.



- **Important:** User of tool is responsible for following accepted safety codes such as those published by the American National Standards Institute (ANSI).
- Operate machine for one minute before application to workpiece to determine if machine is working properly and safely before work begins.
- Always disconnect power supply before changing abrasive/accessory or making machine adjustments.
- Inspect abrasives/accessories for damage or defects prior to installation on tools.
- Please refer to Dynabrade's Warning/Safety Operating Instructions Tag (Reorder No. **95903**) for more complete safety information.

Notice

All Dynabrade motors use the highest quality parts and metals available and are machined to exacting tolerances. The failure of quality pneumatic motors can most often be traced to an unclean air supply or the lack of lubrication. Air pressure easily forces dirt or water contained in the air supply into motor bearings causing early failure. It often scores the cylinder walls and the rotor blades resulting in limited efficiency and power. Our warranty obligation is contingent upon proper use of our tools and cannot apply to equipment which has been subjected to misuse such as unclean air, wet air or a lack of lubrication during the use of this tool.

One Year Warranty

Following the reasonable assumption that any inherent defect which might prevail in a product will become apparent to the user within one year from the date of purchase, all equipment of our manufacture is warranted against defects in workmanship and materials under normal use and service.We shall repair or replace at our factory, any equipment or part thereof which shall, within one year after delivery to the original purchaser, indicate upon our examination to have been defective.Our obligation is contingent upon proper use of Dynabrade tools in accordance with factory recommendations, instructions and safety practices.It shall not apply to equipment which has been subject to misuse, negligence, accident or tampering in any way so as to affect its normal performance.Normally wearable parts such as bearings, contact wheels, rotor blades, etc., are not covered under this warranty.

Machine Specifications

Model Number	Motor HP (W)	Motor RPM	Sound Level	Maximum Air Flow CFM/SCFM (LPM)	Air Pressure PSIG (Bars)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
58034	.4 (298)	12,000	81	3/21 (595)	90 (6.2)	1.39 (.62)	7-3/8 (188)	3-13/16 (97)

Additional Specifications: Air Inlet Thread 1/4" NPT • Hose I.D. Size 1/4" or 8mm

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