Parts Page Reorder No. PD10•18
Effective April, 2010

Mini-Dynorbital®

Silver Supreme Sander

Air Powered Sander

Air Tool Manual – Safety, Operation and Maintenance

SAVE THIS DOCUMENT, EDUCATE ALL PERSONNEL

Models:

69500 - 5,000 RPM, Thread-Type (1/4"-20)
69502 - 7,500 RPM, Locking-Type
69503 - 5,000 RPM, Locking-Type
69504 - 7,500 RPM, Thread-Type (1/4"-20)

3/16" Random Orbit Motion

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⚠ WARNING

Read and understand this tool manual before operating your air tool. Follow all safety rules for the protection of operating personnel as well as adjacent areas. Always operate, inspect and maintain this tool in accordance with the American National Standards Institute (ANSI) Safety Code for Portable Air Tools – B186.1. For additional safety information, refer to Safety Requirements for the Use, Care and Protection of Abrasive Wheels – ANSI B7.1, Code of Federal Regulation – CFR 29 Part 1910, European Committee for Standards (EN) Hand Held Non-Electric Power Tools – Safety Requirements and applicable State and Local Regulations.

SAFETY LEGEND

⚠ WARNING

Read and understand tool manual before work starts to reduce risk of injury to operator, visitors, and tool.

⚠ WARNING

Practice safety requirements. Work alert, have proper attire, and do not operate tools under the influence of alcohol or drugs.

⚠ WARNING

Eye protection must be worn at all times, eye protection to conform to ANSI Z87.1.

⚠ WARNING

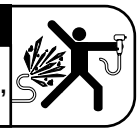
Ear protection to be worn when exposure to sound, exceeds the limits of applicable Federal, State or local statues, ordinances and/or regulations.

⚠ WARNING

Respiratory protection to be used when exposed to contaminants that exceed the applicable threshold limit values required by law.

⚠ WARNING

Air line hazard, pressurized supply lines and flexible hoses can cause serious injury. Do not use damaged, frayed or deteriorated air hoses and fittings.



⚠ WARNING

Some dust created by sanding, grinding, drilling, and other construction activities contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints
- Crystalline silica from bricks and cement and other masonry products
- Arsenic and chromium from chemically treated lumber

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

SAFETY/OPERATING INSTRUCTIONS

Carefully Read all instructions before operating or servicing any Dynabrade® Abrasive Power Tool.
Products offered by Dynabrade are not to be modified, converted or otherwise alerted from the original design.

Tool Intent: Mini-Dynorbital® Silver Supreme Sander is used for sanding and finishing a variety of materials including wood, metal, plastic, fiberglass, solid surfaces, composites, rubber, glass and stone. Using 3/4" - 1-1/4" diameter back-up pads. Use of pads greater than 1-1/4" diameter may increase vibration level.

Do Not Use Tool For Anything Other Than Its Intended Applications.

Warning: This power tool is not intended for use in potentially explosive atmospheres and is not insulated against contact with electrical power.

Training: Proper care, maintenance, and storage of your tool will maximize its performance.

- Employer's Responsibility – Provide Mini-Dynorbital® Silver Supreme Sander operators with safety instructions and training for safe use of tools and accessories.

Accessory Selection:

Warning:

- Abrasive/accessory RPM (speed) rating MUST be approved for AT LEAST the tool RPM rating.
- DO NOT USE grinding wheels or cut-off wheels.
- Back-up pad must always be used, abrasive is not to exceed more than 1/4" beyond pad edge.

- Before mounting an accessory, inspect for defects. Do not use defective accessories.
- Only use recommended fittings and air line sizes. Air supply hoses and air hose assemblies must have a minimum working pressure rating of 150 PSIG (10 Bars, g) or 150 percent of the maximum pressure produced in the system, whichever is higher. (See tool Machine Specifications table.)

SAFETY/OPERATING INSTRUCTIONS

Warnings:

- Always wear eye protection. Operator of tool is responsible for following: accepted eye, face, respiratory, hearing and body protection.
- Working end of the air tool has potential hazard of cutting.
- Be sure that any loose clothing, hair and all jewelry is properly restrained.
- Tool RPM must never exceed abrasive/accessory RPM rating. Check accessory manufacturer for details on maximum operating speed or special mounting instructions.
- Make sure that work area is uncluttered, and visitors are at a safe range from the tools and debris.
- Potentially explosive atmospheres can be caused by dust and fumes resulting from work. Always use dust extraction or suppression systems which are suitable for the material being processed.
- Use only appropriately sized abrasive sanding discs properly secured and centered to the backing pad provided with the air sander.
- Do not free spin the tool away from the work surface with an abrasive sanding disc attached. The sanding disc may detach from the back-up pad causing injury.
- Always start the tool with the sanding abrasive against the work. Stop the air flow to the tool as it is removed from the work.
- Air tools are not intended for use in explosive atmospheres and are not insulated for contact with electric power sources.
- Work may generate hazardous dust.
- Ensure that sparks and debris resulting from work do not create a hazard.

Cautions

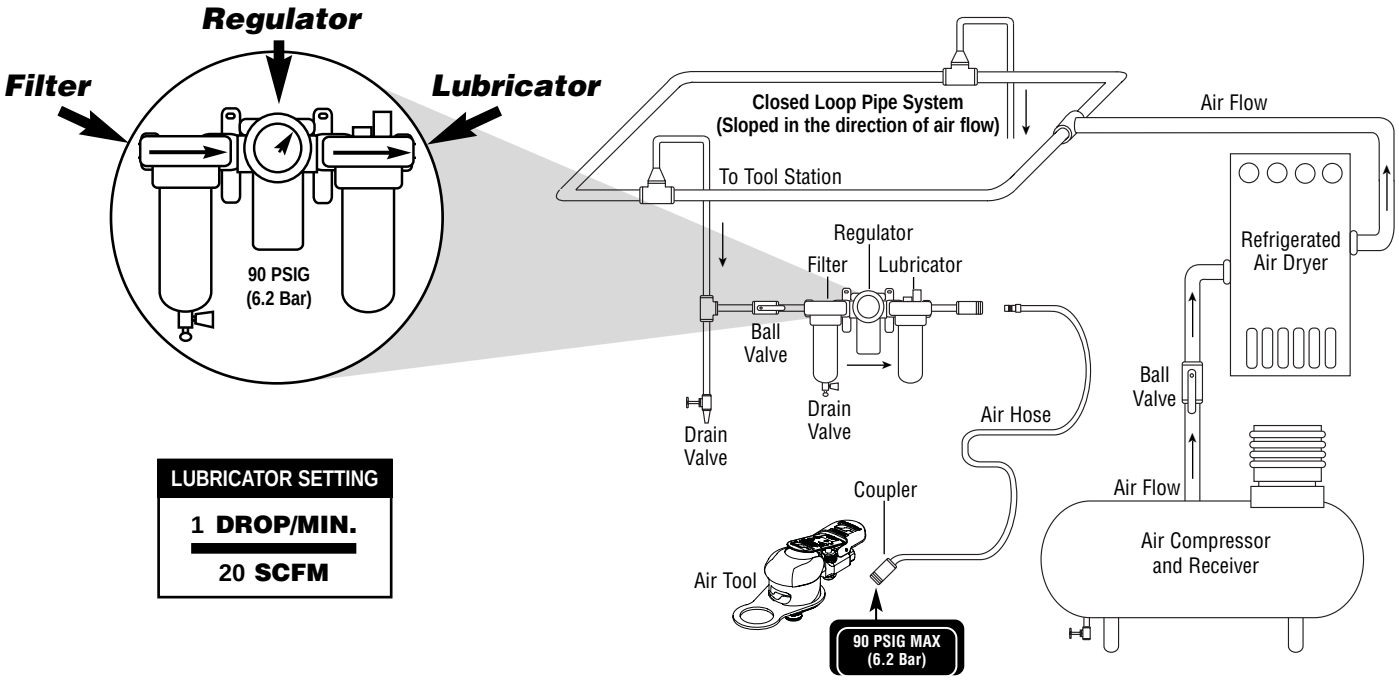
- Hand, wrist and arm injury may result from repetitive work, motion and overexposure to vibration.
- After installing the accessory, before testing or use and/or after assembling tool, the tool must be started at a reduced speed to check for good balance. Gradually increase tool speed. DO NOT USE if tool vibration is excessive. Correct cause, and retest to insure safe operation.
- Release the throttle lever in case of an interruption of the energy supply.

Additional Information:

- 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.
- BEFORE MOUNTING AN ACCESSORY, after all tool repairs and whenever a Mini-Dynorbital® Silver Supreme Sander is issued for use, check the free speed (RPM) with the back-up pad securely fastened without any type of sanding accessory attached to the back-up pad. The air pressure must be set to 90 PSIG with the tool running. Checking the RPM requires either a strobe or a magnetic tachometer. If tool is operating at a higher speed than the RPM marked on the tool housing, or operating improperly, the tool must be serviced and corrected before use.
- Use only Dynabrade weight-mated pads to maintain low vibration levels.
- Connect air tool to power source. Be careful NOT to depress throttle lever in the process.
- Do not expose air tool to inlet pressure above 90 PSIG or (6.2 Bars).
- Keep hand and clothing away from working end of the air tool.
- Proceed with caution in unfamiliar surroundings. Hidden hazards may exist, such as electricity or other utility lines.
- Always be aware of bystanders in work areas.
- Use a vise or clamping device to hold work piece firmly in place.
- Do not apply excessive force on tool or apply “rough” treatment to it.
- When applying the sander to a work surface **start-on** and **stop-off** when completed.
- Always work with a firm footing, posture and proper lighting.
- Disconnect tool from air supply when changing recommended accessories.
- This tool is rear exhaust. Exhaust may contain lubricants, vane material, bearing grease, and other materials flushed thru the tool.

Report to your supervisor any condition of the tool, accessories, or operation you consider unsafe.

Air System



- Dynabrade Air Power Tools are designed to operate at 90 PSIG (6.2 Bar/620 kPa) maximum air pressure at the tool inlet, when the tool is running. Use recommended regulator to control air pressure.
- Ideally the air supply should be free of moisture. To facilitate removing moisture from air supply, the installation of a refrigerated air dryer after the compressor and the use of drain valves at each tool station is recommended.

Maintenance Instructions

Important: To keep tool safe a preventative maintenance program is recommended whenever portable power tools are used.

- Use only genuine Dynabrade replacement parts to insure quality. To order replacement parts, specify **Model#**, **Serial#** and **RPM** of your air tool.
- It is strongly recommended that all Dynabrade rotary vane air tools be used with a Filter-Regulator-Lubricator to minimize the possibility of misuse due to unclean air, wet air or insufficient lubrication. Dynabrade recommends the following: **10681** Air Filter-Regulator-Lubricator (FRL) – Provides accurate air pressure regulation and two stage filtration of water contaminates.
- Dynabrade recommends one drop of air lube per minute for each 20 SCFM (example: if the tool specification states 40 SCFM, set the drip rate on the filter-lubricator to 2 drops per minute). Dynabrade Air Lube (P/N **95842**: 1 pt 473 ml) is recommended.

Routine Preventative Maintenance:

- Regularly check the free speed (RPM) of the Mini-Dynorbital® Silver Supreme Sander. The speed (RPM) is checked with the back-up pad securely fastened without any type of sanding accessory attached to the back-up pad. The air pressure must be set to 90 PSIG with tool running. Checking the RPM requires either a strobe or a magnetic tachometer. This procedure is required after all tool repairs and whenever a tool is issued for use. If the tool is operating at a higher speed than the RPM marked on the tool housing, or operating improperly, the tool must be serviced and corrected before use.
- Mineral spirits are recommended when cleaning the tool and parts. Do not clean tool or parts with any solvents or oils containing acids, esters, ketones, chlorinated hydrocarbons or nitro carbons.
- DO NOT clean or maintain tools with chemicals that have a low flash point (example: WD-40®).
- A Tune-Up Kit is available, see specific kit number on page 7.
- Air tool stampings must be kept legible at all times, if not, reorder and replace. User is responsible for maintaining specification information i.e.: Model #, S/N, and RPM.
- Blow air supply hose out prior to initial use.
- Visually inspect air hoses and fittings for frays, visible damage and signs of deterioration. Replace damaged or worn components.
- Refer to Dynabrade's Warning/Safety Operating Instructions Tag (Reorder No. **95903**) for safety information.

After maintenance is performed on tool, add a few drops of Dynabrade Air Lube (P/N **95842**) to the air line and start the tool a few times to lubricate air motor. Check for excessive tool vibration.

Handling and Storage:

- Protect tool inlet from debris (See Notice Below).
- DO NOT carry tool by air hose.
- Protect abrasive accessories from exposure to water, solvents, high humidity, freezing temperature and extreme temperature changes.
- Store accessories in protective racks or compartments to prevent damage.

Notice

All Dynabrade motors use the highest quality parts and materials 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.

Lifetime Warranty

All Dynabrade portable pneumatic power tools are rigorously inspected and performance tested in our factory before shipping to our customers. If a Dynabrade tool develops a performance problem and an inherent defect is found during normal use and service, Dynabrade will warrant this tool against defects in workmanship and materials for the lifetime of the tool. Upon examination and review at our factory, Dynabrade shall confirm that the tool qualifies for warranty status, and will repair or replace the tool at no charge to the customer. Normally wearable parts and products are NOT covered under this warranty. Uncovered items include bearings, contact wheels, rotor blades, regulators, valve stems, levers, shrouds, guards, O-rings, seals, gaskets and other wearable parts. Dynabrade's warranty policy is contingent upon proper use of our tools in accordance with factory recommendations, instructions and safety practices. It shall not apply to equipment that has been subjected to misuse, negligence, accident or tampering in any way so as to affect its normal performance. To activate lifetime warranty, customer must register each tool at www.dynabrade.com. Dynabrade will not honor lifetime warranty on unregistered tools. A one-year warranty will be honored on all unregistered portable pneumatic power tools. Lifetime warranty applies only to portable pneumatic tools manufactured by Dynabrade, Inc. in the USA. Lifetime warranty applies only to the original tool owner; warranty is non-transferable.

Reference Contact Information

1. **American National Standards Institute – ANSI**
   25 West 43rd Street
   Forth Floor
   New York, NY 10036
   Tel: 1 (212) 642-4900
   Fax: 1 (212) 398-0023

2. **Government Printing Office – GPO**
   Superintendent of Documents
   Attn. New Orders
   P.O. Box 371954
   Pittsburgh, PA 15250-7954
   Tel: 1 (202) 512-1803

3. **Power Tool Institute, Inc.**
   P.O. Box 818
   Yachata, Oregon 97498-0818
   Tel: 1 (503) 547-3185
   Fax: 1 (503) 547-3539

4. **European Committee for Standardization**
   Rue de Stassart 36
   B - 1050 Brussels, Belgium

Mini-Dynorbital®

Silver Supreme Sanders

Note: To order replacement parts specify the **Model** # and **Serial** # of your machine.

For Models:
69500, 69502, 69503, 69504

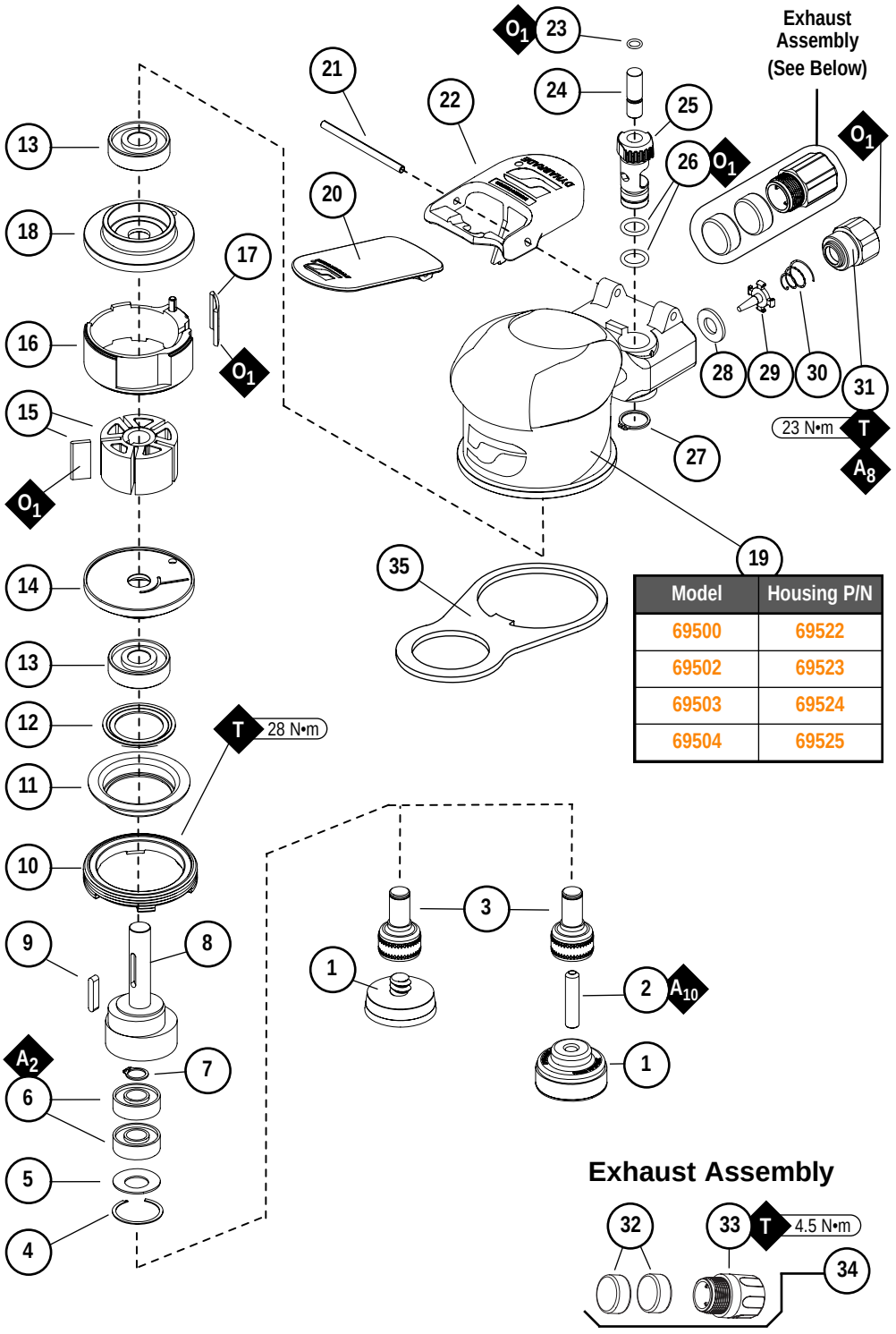
KEY

- O — Oil: O_1 = Air Lube
- A — Adhesive: A_2 = Loctite #271, A_8 = Loctite #567, A_{10} = Loctite #243
- T — Torque: N•m x 8.85 = In. - lbs.

Always follow adhesive manufacturers cleaning and priming recommendations.

Index Key

No.	Part #	Description
1		**Sanding Pad**
	54037	Locking-Type
	54018	Threaded Type (1/4"-20)
2	95679	1/4"-20 Stud
3	54145	Retainer Assembly
4	95613	Retaining Ring
5	95612	Bearing Shield
6	50722	Bearing (2)
7	95558	Retaining Ring
8	54081	Shaft Balancer
9	56047	Key
10	59058	Lock Ring
11	59057	"Top Hat" Seal
12	59083	Felt
13	58368	Bearing (2)
14	57893	Front Bearing Plate
15	57113	Rotor/Blade Set
16	69350	Cylinder
17	69352	Seal
18	57891	Rear Bearing Plate
19		**Housing - See Chart**
20	69360	Throttle Lever
21	94590	Pin
22	57041	Comfort Platform
23	98459	O-Ring
24	58363	Valve Stem
25	58609	Non-Adjustable Speed Regulator
26	01025	O-Ring (2)
27	95697	Retaining Ring
28	01464	Seal
29	58365	Tip Valve
30	01468	Spring
31	01494	Inlet Bushing
32	56027	Muffler Insert (2)
33	69359	Muffler Body
34	69272	Muffler Assembly
35	97166	Hanger



Model	Housing P/N
69500	69522
69502	69523
69503	69524
69504	69525

Motor Assembly/Disassembly Instructions - Mini-Dynorbital®

Important: Manufacturers warranty is void if tool is disassembled before warranty expires.
A Repair Kit P/N 57525, is available which includes special repair tools for correct disassembly/assembly of the sander.

To Disassemble:

1. Disconnect sander from air supply.
2. Invert the sander, and place the 57092 Repair Collar (supplied in the 57525 Repair Kit) around the housing and secure in a vise. Padding can be used on the vise jaws to protect the housing. **Important:** Do not over tighten the sander in the vise. If the sander is held too tight the removal of the lock ring and air motor will be difficult.
3. Remove back-up pad.
4. Insert 56058 Lock Ring Tool (supplied in 57525 Repair Kit) into the corresponding tabs of lock ring. Loosen the 59058 Lock Ring turning it counterclockwise.
5. Remove the 59058 Lock Ring from the air motor assembly.
6. Fasten a 2 in. bearing separator (P/N 96346 available) around the 69350 Cylinder just below the 57891 Rear Bearing Plate. Place the air motor assembly in a #2 arbor press (P/N 96232 available) so that the separator is resting on the table of the arbor press and with the balancer pointing down.
7. Use a flat nose 3/16" dia. drive punch as a press tool. Place it against the small end of the shaft balancer and push the shaft out of the upper 58368 Bearing.
8. Remove the rotor, vanes and rotor key from the shaft balancer.
9. Again fasten the 2 in. bearing separator between 58368 Bearing and the top of the balancer. Rest the separator on the table of the arbor press and push the shaft balancer out of the 58368 Bearing. Remove 59057 “Top Hat” Seal and 59083 Felt from 57893 Front Bearing Plate.
10. Disassemble the balancer assembly as follows:
    - **a.)** Place shaft balancer assembly into a soft jaw vise. Using a thin screwdriver, pick out the end of 95613 Retaining Ring and remove. This will loosen the balancer assembly.
    - **b.)** Screw the threaded portion of the 54121 Bearing Puller onto 95679 1/4"-20 Stud (supplied in 57525 Repair Kit) and heat the outside of the shaft balancer to approximately 200° F (approximately 10 seconds with a propane torch). Now, using the slider weight, pull the assembly out.
    - **c.)** Remove 95558 Retaining Ring. Press off 50722 Bearings and remove loose parts.

Important: Clean and inspect all parts for defects before assembling.

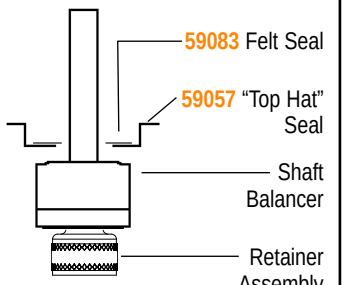
To Assemble:

1. Prepare the 50722 Bearings and install them onto the 54145 Retainer Assembly.
    - **a.)** Remove 3 of the 4 seals from the 50722 Bearings. Use a clean dry cloth to wipe away all grease from the inside and outside diameters of the bearings.
    - **b.)** Install 95612 Bearing Shield onto the 54145 Retainer Assembly. Face the convex side of the shield toward the pad-mounting end of the retainer.
    - **c.)** Use the 95679 ¼"-20 Stud or the 6.35 mm end of the 96212 Repair Tool to support the end of retainer shaft that is up inside the locking-type pad-mounting shells. Position the Stud or the Repair Tool on the table of the 96232 Arbor Press.
    - **d.)** First, install the bearing with the seal. Face the sealed side of the bearing toward the 95612 Bearing Shield. Use the raised center of the 96240 Bearing Press Tool to press the bearing onto the retainer assembly. Install the second bearing in the same manner.
    - **e.)** Install the 95558 Retaining Ring onto the retainer assembly.
2. Secure the 54081 shaft balancer in a vise with aluminum or bronze jaws with the large end pointing up.
3. After surfaces have been properly cleaned and primed, apply and spread 1 drop of Loctite #271 (or equivalent) onto the outside diameter of the 50722 Bearings and install the 54145 Retainer Assembly with bearings into the shaft balancer.
4. Install the 95613 Retaining Ring between the 95612 Bearing Shield and the pad-mounting end of the retainer. Squeeze the 95613 Retaining Ring into the groove in the shaft balancer.
5. Place the 59083 Felt into the 59057 “Top Hat” Seal.
6. Install the felt and the “Top Hat” Seal onto the shaft balancer so that they are centered as is shown in **Drawing 1**.
7. Use the small end of the 57091 Bearing Press Tool and the 96232 Arbor Press to install the 58368 Bearing onto the shaft balancer as shown in **Drawing 2**.
8. Install the 57893 Front Bearing Plate onto the shaft balancer, fitting it to the bearing, felt, and “Top Hat” Seal as is shown in **Drawing 3**.
9. Install the rotor key and the rotor onto the shaft balancer.

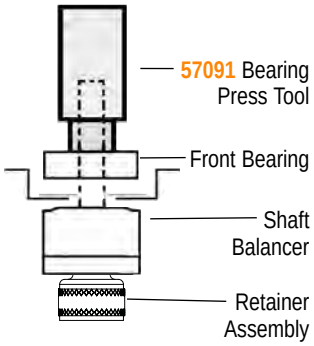
(continued on next page)

Diagrams

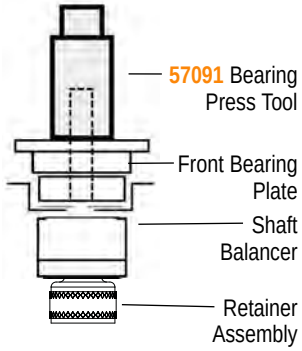
Drawing 1



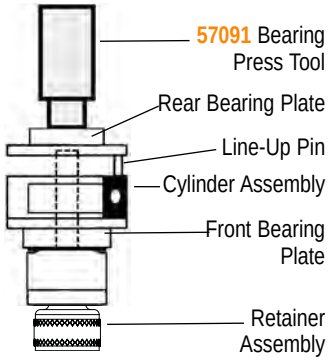
Drawing 2



Drawing 3



Drawing 4



To Assemble (Continued):

10. Lubricate the 56073 Vanes with the 95842 Dynabrade Air Lube (10W/NR or equivalent) and install them into the rotor.
11. Install the 69350 Cylinder so that the short line-up pin fits into the front bearing plate.
12. Install the 58368 Bearing into the 57891 Rear Bearing Plate.
13. Use the small end of the 57091 Bearing Press Tool and the arbor press to install the rear bearing/plate onto the shaft balancer as is shown in **Drawing 4**. Press the bearing/plate down until it touches the cylinder. Check the fit between the bearing plates and cylinder. Grasp the outer diameter of the bearing plates, one in each hand. Twist the plates back and forth. It is important to achieve a snug fit between the bearing plates and the cylinder. A snug fit will trap the cylinder while still allowing it to be twisted back and forth. A loose fit will not achieve proper preload of the motor bearings.
14. Install the 69352 Seal into the cylinder and apply a small amount of the Dynabrade Air Lube onto the o-ring.
15. Slip 59058 Lock Ring over the shaft balancer.
16. Use mark on the edge of the motor opening to identify the location of the line-up notch on the inside of the housing.
17. Install the motor assembly into the housing. Be certain that the line-up pin enters the notch in the housing.
18. Use the 57092 Collar to carefully hold the tool in a vise so that the large end of the shaft balancer is pointing up.
19. Use the 56058 Lock Ring Tool to tighten the 59058 Lock Ring by turning it clockwise. (Torque to 28 N•m/250 in.- lbs.)

Valve and Speed Regulator Assemblies:

1. Secure housing in vice using 57092 Collar or padded jaws.
2. Remove inlet bushing, 01468 Spring, 58365 Tip Valve and 01464 Seal from housing. Remove 94590 Pin from housing, lever and comfort platform.
3. Remove 95697 Retaining Ring. Press the speed regulator and valve stem out of the housing. Remove the 01025 O-Rings (2) and 98459 O-Ring.
4. Place new 01025 O-Rings (2) on the speed regulator and a new 98459 O-Ring on the valve stem. Then place in housing with valve stem. Install new 95967 Retaining Ring. Apply a small amount of pneumatic tool oil to valve o-rings.
5. Place new 01464 Seal in housing. Using tweezers or needle nose pliers, place the tip valve into housing so that the tip valve goes under the valve stem. Place new 01468 Spring into housing so small end is towards tip valve.
6. After threaded surfaces have been properly cleaned and primed, apply a small amount of #567 Loctite® (or equivalent) around the threads of the inlet bushing and tighten into housing to 23 N•m/200 in.- lbs.
7. Install lever and comfort platform on housing with 94590 Pin centered on housing.

Note: Motor should operate at between 4,500 and 5,500 RPM for 5,000 RPM Models and 7,000 and 8,000 RPM for 7,500 RPM Models at 6.2 bar (90 PSIG). RPM should be checked with a tachometer. Before operating, we recommend that 2-3 drops of Dynabrade Air Lube P/N 95842 (or equivalent) be placed directly into the air inlet with throttle lever depressed. Operate the machine for approximately 30 seconds before application to workpiece to determine if machine is working properly and safely and to allow lubricating oils to properly dispense through machine.

Loctite® is a registered trademark of the Loctite Corp.

Preventative Maintenance Schedule

For All Mini-Dynorbital® Silver Supreme Sanders

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.

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.

96127 Tune-Up Kit

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

57525 Repair Kit:

Includes special tools for proper disassembly/assembly of the Mini-Dynorbital® Silver Supreme.

Includes: 57092 Repair Collar
56058 Lock Ring Wrench
54121 Bearing Puller
57091 Bearing Press Tool
96066 3/4" Socket
96034 12mm Hex Wrench
95679 1/4"-20 Stud

Parts Common to all Models:

Index #	Part Number	Description	Number Required	High Wear 100%	Medium Wear 70%	Low Wear 30%	Non-Wear 10%
1	See Note	Sanding Pad	1				X
2	95679	1/4"-20 Stud	1				X
3	54145	Retainer Assembly	1			X	
4	95613	Retaining Ring	1				T
5	95612	Bearing Shield	1				X
6	50722	Bearing	2		T		
7	95558	Retaining Ring	1				T
8	54081	Shaft Balancer	1				X
9	56047	Key	1		T		
10	59058	Lock Ring	1			X	
11	59057	"Top Hat" Seal	1		T		
12	59083	Felt	1		T		
13	58368	Bearing	2		T		
14	57893	Front Bearing Plate	1			X	
15	57113	Rotor/Blade Set	1	T			
16	69350	Cylinder	1			X	
17	69352	Seal	1		T		
18	57891	Rear Bearing Plate	1			X	
19	See Note	Housing	1				X
20	69360	Throttle Lever	1			X	
21	94590	Pin	1			X	
22	57041	Comfort Platform	1			X	
23	98459	O-Ring	1		T		
24	58363	Valve Stem	1		T		
25	58609	Non-Adjustable Regulator	1			X	
26	01025	O-Ring	2		T		
27	95697	Retaining Ring	1		T		
28	01464	Seal	1		T		
29	58365	Tip Valve	1		T		
30	01468	Spring	1		T		
31	01494	Inlet Bushing	1				X
32	56027	Muffler Insert	2	T			
33	69359	Muffler Body	1			T	

Note: Please refer to page 4 of tool manual for specific part number.

Machine Specifications

Model Number	Motor hp (W)	Motor RPM	Sound Level	Maximum Air Flow SCFM (LPM)	Pad Diameter inch (mm)	Air Pressure PSIG (Bars)	Weight Pound (kg)	Length Inch (mm)	Height Inch (mm)
69500/69503	.03 (23)	5,000	70 dB(A)	5 (153)	1-1/4 (32)	90 (6.2)	1.3 (.6)	6 (154)	3-1/3 (85)
69502/69504	.08 (60)	7,500	75 dB(A)	6 (170)	1-1/4 (32)	90 (6.2)	1.3 (.6)	6 (154)	3-1/3 (85)

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

FIND THE MOST CURRENT OFFERING OF SUPPORT DOCUMENTS AND ACCESSORIES @ WWW.DYNABRADE.COM

96127 Motor Tune-Up Kit
- Includes assorted parts to help maintain and repair motor.

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.

96066 – 3/4" Socket

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: 1gal. (3.8 L)

57525 Repair Kit:
- Contains special tools for disassembly/assembly of machine.

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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