

▲WARNING: It is the owner and/or operators' responsibility to study all WARNINGS, operating, and maintenance instructions contained on the product label and instruction manual prior to operation of this product. The owner/operator shall retain product instructions for future reference.

The owner and/or operator are responsible for maintenance, maintaining all decals or warning labels and while in use, maintaining the unit in good working order. If the owner and/or operator are not fluent in English, the product warnings and instructions shall be read and discussed with the operators' native language by the purchaser/owner or his designee. Make sure that the operator comprehends its contents. Safety information shall be emphasized and understood prior to usage. The product shall be inspected per the operating instructions.

Users of this product must fully understand these instructions. Each person operating this product must also be of sound mind and body and must not be under the influence of any substance that might impair their vision, dexterity or judgment.

Protect yourself and others by observing all safety information.

Failure to comply with instructions could result in personal injury and/or property damage!

If you encounter any problems or difficulties, please contact our customer service department at: 1-800-426-1262 between 6:30 a.m. and 4:30 p.m. Pacific time.

1 YEAR WARRANTY

PERFORMANCE TOOL® extends only the following warranties, and only to original retail purchasers. These warranties give specific legal rights. Except where prohibited by local law, the law of the State of Washington governs all warranties and all exclusions and limitations of warranties and remedies. There may be other rights which vary from state to state.

PERFORMANCE TOOL® warrants the product to be free from defects in materials and workmanship under normal use and service. A defective product may be returned for a free replacement within 90 days from the date of purchase, provided that product is returned to place of purchase immediately after discovery of defect. After 90 days and up to one year from date of purchase, PERFORMANCE TOOL® will replace at no charge any parts which our examination shall disclose to be defective and under warranty. These warranties shall be valid only when a sales receipt showing the date of purchase accompanies the defective product or defective part (s) being returned. For part (s) after 90 days, please remit your request, postage prepaid to:

PERFORMANCE TOOL, P.O. Box 88259 Tukwila, WA 98138

These warranties exclude blades, bits, punches, dies, bulbs, fuses, hoses, and other consumables which must be replaced under normal use and service. These warranties shall not apply to any product or part which is used for a purpose for which it is not designed, or which has been repaired or altered in any way so as to affect adversely its performance or reliability, nor shall these warranties apply to any product or part which has been subject to misuse, neglect, accident or wear and tear incident to normal use and service.

PERFORMANCE TOOL® does not authorize any other person to make any warranty or to assume any liability in connection with its products.

Except for warranties of title and the limited express warranties set forth above, PERFORMANCE TOOL® makes no express or implied warranties of any kind with respect to its products. In particular, PERFORMANCE TOOL® makes no implied warranty of merchantability and no implied warranty of fitness for any particular purpose, except that for goods purchased primarily for personal, family or household use and not for commercial or business use, PERFORMANCE TOOL® makes an implied warranty of merchantability (and, if otherwise applicable, an implied warranty of fitness for a particular purpose), but only for the particular qualities or characteristics, and for the duration, expressly warranted above.

The laws on limitation of implied warranties may differ from state to state, so the above limitations may not apply in all cases.

PERFORMANCE TOOL® shall not be liable for consequential, incidental or special damages resulting from or in any manner related to any product, or to the design, use, or any inability to use the product. The sole and exclusive remedy for a defective product or part shall be the repair, or replacement thereof as provided above. The laws on limitation of remedies or on consequential, incidental or special damages may vary from state to state, so the above limitations may not apply in all cases.

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MULTI-FUNCTION AIR TOOL

Item Number M546

OWNER'S MANUAL



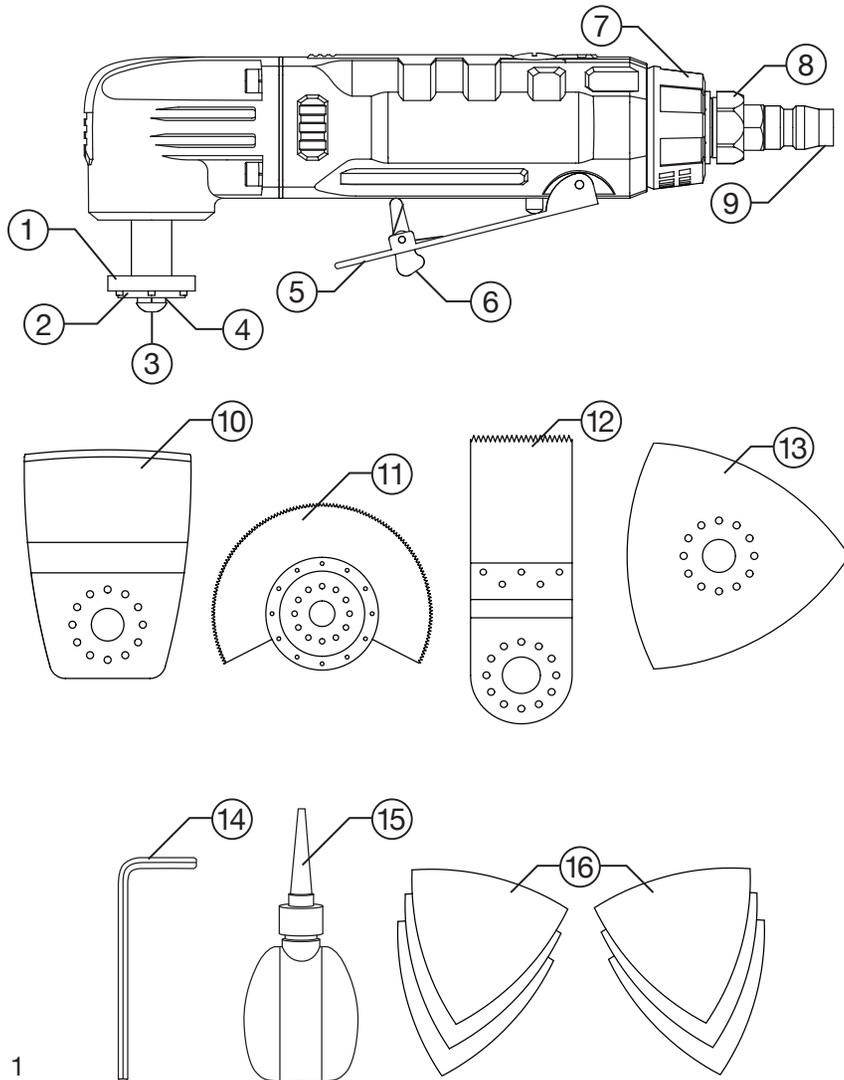
Performance Tool®

▲WARNING: READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS AND WARNINGS BEFORE OPERATING THIS TOOL. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE AND WILL VOID WARRANTY.

PT
Performance Tool

TOOL FEATURES

- | | |
|----------------------------|----------------------------------|
| 1. Output Shaft | 9. Connector Nipple |
| 2. Retainer | 10. Rounded Flush Scraping Blade |
| 3. Cap Screw | 11. Round Flush Cutting Blade |
| 4. Lock Washer | 12. Straight Flush Plunge Blade |
| 5. Trigger Lever | 13. Triangular Sanding Pad |
| 6. Safety Lever | 14. Hex Key |
| 7. Rear Adjustable Exhaust | 15. Oil Bottle |
| 8. Air Inlet | 16. Sanding Sheets |



SPECIFICATIONS:

Oscillation angle	2°
Air pressure (P.S.I.)	90
Average air consumption (C.F.M.)	6
Free speed (O.P.M.)	18,000
Air inlet (N.P.T.)	1/4
Hose size (I.D.)	3/8 in.
Weight (LBS)	2

Specifications are subject to change without notice.

SAFETY GUIDELINES / DEFINITIONS

This instruction manual is intended for your benefit. Please read and follow the safety, installation, maintenance and troubleshooting steps described within to ensure your safety and satisfaction. The contents of this instruction manual are based upon the latest product information available at the time of publication. The manufacturer reserves the right to make product changes at any time without notice.

▲WARNING: Read and understand this entire instruction manual before attempting to assemble, install, operate or maintain this product. Failure to comply with the instructions may result in serious personal injury and/or property damage!

The following signal words are used to emphasize safety warnings that must be followed when using this product:

▲DANGER: Indicates an imminently hazardous situation that, if not avoided, WILL result in death or serious injury.

▲CAUTION: Indicates a potentially hazardous situation that, if not avoided, MAY result in minor or moderate injury.

▲WARNING: Indicates a potentially hazardous situation that, if not avoided, COULD result in death or serious injury.

▲NOTE: Indicates important information, which if not followed, MAY cause damage to equipment.

IMPORTANT SAFETY INFORMATION

▲WARNING. READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS AND WARNINGS BEFORE OPERATING THIS PRODUCT. FAILURE TO DO SO MAY RESULT IN FIRE, ELECTRICAL SHOCK, PERSONAL INJURY AND/OR PROPERTY DAMAGE AND WILL VOID WARRANTY.

1. Keep work area clean. Cluttered areas invite injuries.
2. Observe work area conditions. Do not use machines or power tools in damp or wet locations. Don't expose to rain. Keep work area well lighted. Do not use electrically powered tools in the presence of flammable gases or liquids. Do not bring combustible materials near the tools.
3. As with any tool, use common sense when operating. Do not wear loose clothing or jewelry that could become caught by moving parts, causing injury. Operate tool a safe distance from yourself and others in the work area.
4. Keep children away. Children must never be allowed in the work area. Do not let them handle machines, tools, hoses or extension cords.
5. Store idle equipment. When not in use, tools must be stored in a dry location to inhibit rust. Always lock up tools and keep out of reach of children and other untrained persons. Switch off all unused electrical tools when stored. Tools are dangerous in the hands of untrained users.
6. Always wear approved eye protection when using tools. If raising dust, wear a suitable mask.
7. Work Safe. When wearing gloves to operate the tool, make sure that the gloves do not interfere with operating the Trigger. Test your gloves with the Trigger before attaching the unit to an air source. Keep your finger away from the Trigger until you are ready to work. Never start the tool unless you have a firm grip with both hands and you are positioned at your work piece or area. Before using the tool, know what is directly underneath the work area or work piece. The tool can quickly penetrate material. If

IMPORTANT SAFETY INFORMATION

working directly on the ground, make sure you are not directly above shallow cables, lines, or pipes. Keep your limbs and body clear of the tool. If an accessory or attachment breaks off, the tool tends to surge forward suddenly. Operate tool a safe distance from yourself and others in the work area. Make sure the immediate area is clear of other people or animals. Spectators must stay at a safe distance. Never point the tool or the air hose (not included) at anyone. Keep proper footing and balance at all times. Do not reach over or across running machines, hoses, etc.

8. Do not operate any tool if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not operate any tool.
9. Be sure air is in OFF position when connecting tool to air supply.
10. Use only those accessories that are designed for use with tools. For example, with impact wrenches do not use ordinary sockets. Use impact sockets for all air tools.
11. Be sure to disconnect tool from air supply before changing accessories, performing service on tool and when not in use.
12. Follow air source manufacturers' directions for connection of regulators, filters, and other accessories to air source. Do not install quick couplers directly on tool as they put unnecessary strain on the air inlet threads possibly causing them to wear out prematurely. Instead, install them on a short length of air hose attached to the tool.
13. Check for damaged parts. Before using any tool, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment and binding of moving parts; any broken parts or mounting fixtures; and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician.
14. Maintenance. For your safety, maintenance should be performed regularly by a qualified technician using original PERFORMANCE TOOLS® replacement parts. Failure to do so can lead to accidents for the operator. Use of any other parts will void the warranty. Only use accessories intended for use with this tool. Approved accessories are available from Performance Tool®. Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may become hazardous when used on another tool.

▲WARNING: Repetitive motions or exposure to vibration may be harmful to your hands and arms.

▲WARNING: Some dust created by power sanding contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Example of this type of chemical are:

-lead from lead based paints,

-Crystalline Silica from bricks and cement or other masonry,

-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: work in a well ventilated area and work with approved safety equipment, such as dusk masks that are specially designed to filter out microscopic particles.

▲WARNING: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator. Read and understand all of the instructions provided in the instruction manual of this product, as well as, any other tool (s) used with this product.

ASSEMBLY / INSTALLATION

1. You will need to prepare the 1/4 in. Quick-disconnect Coupler Plug to connect to the air inlet on the multifunction air tool. Wrap the Coupler Plug with pipe thread seal tape before threading it into the Air Inlet. Connect the a Quick-Disconnect coupler on a 3/8 in. ID Air Source Hose to the tool.

▲NOTE: If you are not using an automatic oiler system, before operation, add a few drops of Pneumatic Tool Oil to the airline connection. Add a few drops more after each hour of continual use.

2. Set the air pressure on your compressor to 90 PSI. Do not exceed the recommended air pressure of 90 PSI.
3. Check the air connection for leaks. Once you are satisfied there are no leaks, turn off the air compressor and disconnect the tool.

AIR SOURCE

Clean air of correct air pressure is recommended for the power supply for this tool. A maximum of 90 PSI at the tool is recommended for most air tools of this class. Check specifications section for recommended pressure. (Depending on length of air hose and other circumstances, air pressure at compressor may need to be increased to 100 PSI to ensure 90 PSI at the tool.)

Water in the air hose and compressor tank contributes to reduced performance and damage of the air tool. Drain the air tank and filters before each use and as necessary to keep the air supply dry.

Hose length over 25 ft. causes loss in line pressure. Increase hose I.D. or increase compressor pressure to compensate for the pressure loss. Use an in-line pressure regulator with gauge if air inlet pressure is critical.

INSTALLING/CHANGING AN ACCESSORY

INSTALLING ACCESORIES

1. While the air hose is disconnected from the tool, unthread the Cap Screw using the 3 mm Hex Wrench (included). Remove the Cap Screw, Lock Washer and Retainer.
2. Install the desired accessory in the correct angle for your application by aligning the holes in the accessory over the 6 pins on the Output Shaft.
3. Replace the Retainer, Lock Washer and Cap Screw while holding the blade then tighten securely using the Hex Wrench.

▲NOTE: For sanding, first attach the Sanding Pad to the tool, then align a sheet of sand paper over the pad and press into place.

CHANGING ACCESSORIES

1. Remove the Cap Screw, Lock Washer and Retainer using the included 3 mm Hex Wrench.
2. The accessories can be mounted in 7 different forward positions at 30° increments. Mount the blades facing forward. Replace Cap Screw, Lock Washer and Retainer.

▲CAUTION: The Blades are sharp. Use care when handling the Blades.

OPERATION

1. Attach the air hose from the air source to the Air Inlet on the air tool.
2. While holding the air tool firmly in one hand and the other safely out of the way of the accessory, turn the air compressor (not included) on and allow the air tank to build up to pressure. Set the compressor output regulator to no more than 90 PSI.
3. Grip the body of the tool in one hand. To begin use, push the Safety Lever forward while squeezing the Trigger Lever. A stable two handed grip on this tool is best.
4. Place the air tool on the work surface to begin sanding, cutting, or scraping. Adjust pressure on the Trigger Lever to change the speed of the air tool.
5. Address the material with a smooth steady stroke of the air tool.

▲NOTE: Do not force the air tool, let the air tool do the work.

6. If the air tool requires more force to accomplish the task, verify that the tool receives sufficient, unobstructed airflow (CFM) and increase the pressure (PSI) output of the regulator up to the maximum air pressure rating for this air tool, 90 PSI.
7. To stop sanding, lift the air tool from the work surface and then release the Trigger Lever.
8. When you finish working, disconnect the air pressure hose from the air tool and turn off the air compressor.

▲CAUTION: To prevent tool and accessory failure, resulting in injury:

9. Do not exceed the tool's maximum air pressure rating of 90 psi. If the tool still does not have sufficient force at maximum pressure and sufficient airflow, then a larger tool may be required.
10. To prevent accidents, turn off the tool by releasing the Trigger Lever, detaching the air supply, and safely discharging any residual air pressure in the tool after use. Clean external surfaces of the tool with a clean, dry cloth. Store the tool indoors out of children's reach.
11. Do not remove the Safety Lever. It has been included for your safety. Without it, the tool could activate when it is bumped against something, set down on its Trigger Lever, or picked up while accidentally pressing on the Trigger Lever, activating the tool.



INSPECTION, MAINTENANCE & CLEANING

1. Make sure the tool is disconnected from the air hose before attempting any maintenance.
2. Wipe the tool down with a lint free cloth after each use.
3. If you do not use an inline oiler/filter system, lubricate the tool daily with a few drops of air tool oil by holding it so that the valve is facing up. Squeeze the trigger lever, and place one or two drops of oil into the valve, allowing oil to circulate in the motor.
4. If you do use an inline oiler/filter system the lubricator's oil level needs to be maintained and the moisture filter must be regularly drained. Performing routine maintenance on the air supply will allow the tool to operate more safely and will also reduce wear on the tool.

DAILY

Air supply maintenance: Every day, perform maintenance on the air supply according to the component manufacturer's instructions.

QUARTERLY (every 3 months)

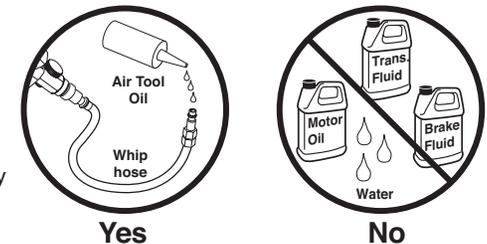
Tool disassembly, cleaning, and inspection:

- a. Have the internal mechanism cleaned, inspected, and lubricated by a qualified technician.
 - b. Replace accessories when they become worn or damaged.
5. Store in a safe and dry location out of the reach of children.

LUBRICATION & MAINTENANCE

Oil tool before each use. 4 to 5 drops of a good grade Air Tool Oil placed in the air inlet is sufficient. Use proper air pressure and CFM rating listed for this tool.

Drain water from hoses and compressor tank. Water in the air supply line will cause gumming and loss of power. Clean the air filter on the supply line and flush the tool with gum solvent or a 50/50 mix of air tool oil and kerosene. It may be necessary to disassemble the tool to properly clean and re-lubricate.



TROUBLESHOOTING

INSUFFICIENT POWER:

Probable Cause	Solution
Dirty or clogged air passages.....	Flush and lubricate tool, drain air tank and supply line
Insufficient air supply.....	Increase line pressure, Make sure compressor matches tool's air pressure and consumption needs
Air leakage.....	Use PTFE tape at all fittings and joints. Check tool for worn or damaged O-rings & seals.
Worn/damaged wear & tear parts...	Replace as necessary.
Tool matching	Be sure you are using a tool suited for the torque requirements of the job at hand.