

# HEAVY DUTY SANDBLASTER KIT

Item Number M570C

## OWNER'S MANUAL



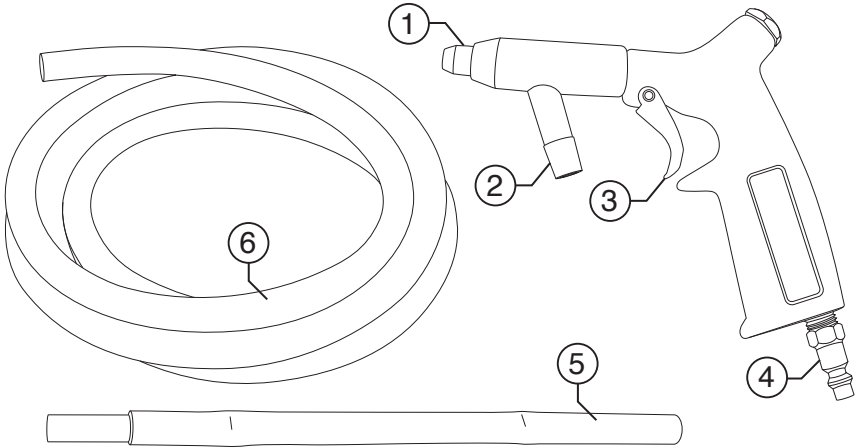
Performance Tool®

**▲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**<sup>®</sup>  
Performance Tool

## TOOL FEATURES

1. Steel Nozzle
2. Intake Port
3. Trigger
4. Air Inlet
5. Pick-up Tube
6. Rubber Hose



## SPECIFICATIONS:

Air Pressure:..... 90 PSI  
Average Air Consumption:..... 8 CFM  
Air Inlet: ..... 1/4 in. NPT  
Hose Size: .....3/8 in. ID

Specifications are subject to change without notice.

## REPLACEMENT PARTS AVAILABLE:

Steel Nozzle ..... M570ST  
Ceramic Nozzle ..... M571

## 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.

## UNPACKING AND INSPECTION

After opening the box, unpack your new product and related parts and accessories. Please inspect it carefully for any damage that may have occurred during transit. Please check it against the photograph on the cover. If any parts are missing, please call customer service at 1-800-426-1262 between 6 a.m. and 5 p.m. Pacific time.

**▲WARNING:** *DO NOT operate this product if damaged during shipment, handling or misuse. Do not operate the product until the parts have been replaced or the fault rectified. Failure to do so may result in serious personal injury or property damage. All damaged parts must be repaired or replaced as needed prior to operating this product. Check to see that all nuts, bolts and fittings are secure before putting this product into service.*

If you have any questions, or require assistance with damaged or missing parts, please contact our customer service department at 1-800-426-1262. Please have the serial number, model number, and date of purchase available for reference when calling.

**▲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.**

## WORKPLACE SECURITY

- Keep the area clean and well lit. Cluttered or dark areas can cause accidents.
- Do not use power tools in explosive environments, e.g. in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and people away during the use of the tool. Distractions can cause you to lose control of the tool.

## PERSONAL SAFETY

- Be aware of what you are doing and use common sense while using the tool. Do not use a tool when you are tired or under the influence of drugs, alcohol or medication. A moment of distraction while using a tool can cause serious personal injury.
- Use safety equipment. Always wear eye protection. Safety equipment such as dust masks, non-slip safety shoes, helmets or ear protection used in appropriate conditions will reduce the risk of injury.
- Avoid accidental starting. Make sure that the switch is in the off position before plugging in to power or battery, collect or transport. Carrying tools with your finger on the trigger or plugging the tool in with the trigger pulled can cause accidents and injury.
- Remove any adjusting key before turning the tool on. A key left attached to a rotating part of the tool may result in personal injury.
- Do not rush. Maintain proper footing and balance at all times. This allows better control of the tool in unexpected situations.
- Dress appropriately. Do not wear loose clothing or jewelry. Keep hair, clothing and gloves away from moving parts. Loose clothing, jewelry or long hair can get caught in moving parts.
- If devices for connecting equipment for extraction and dust collection are supplied, make sure they are connected and properly used. Use of dust collection can reduce risks due to dust.

## USE AND MAINTENANCE OF THE TOOL

- Do not force the tool. Use the right tool to the application being performed. A suitable tool will do the job better and more safely if used for the purpose for which it has been built.
- Do not use the tool if the switch does not allow to turn it on or off. Any tool that can not be controlled by the switch is dangerous and must be repaired.
- Disconnect the air source before changing accessories or before storing the tool. These preventive safety measures reduce the risk of accidental starting of the tool.
- Keep the tool off away from children and do not allow to be used by people who are not familiar with the tool. Tools are dangerous in the hands of inexperienced operators.

## USE AND MAINTENANCE OF THE TOOL

- Make sure the tools moving parts are not aligned or blocked, that it has not broken any parts or any other condition that may affect the operation of the tool. In case of damage, take the tool to a repair service before using it again. Many accidents are caused by poorly maintained tools.
- Tools used for cutting, with sharp pieces that have had good maintenance, are less likely to become blocked and are easier to control.
- Use the tool, accessories and blades, etc. according to these instructions, taking into account the working conditions and the work to be done. The use of the tool for operations other than those provided can lead to dangerous situations.

## 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' 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.

## LUBRICATION & MAINTENANCE

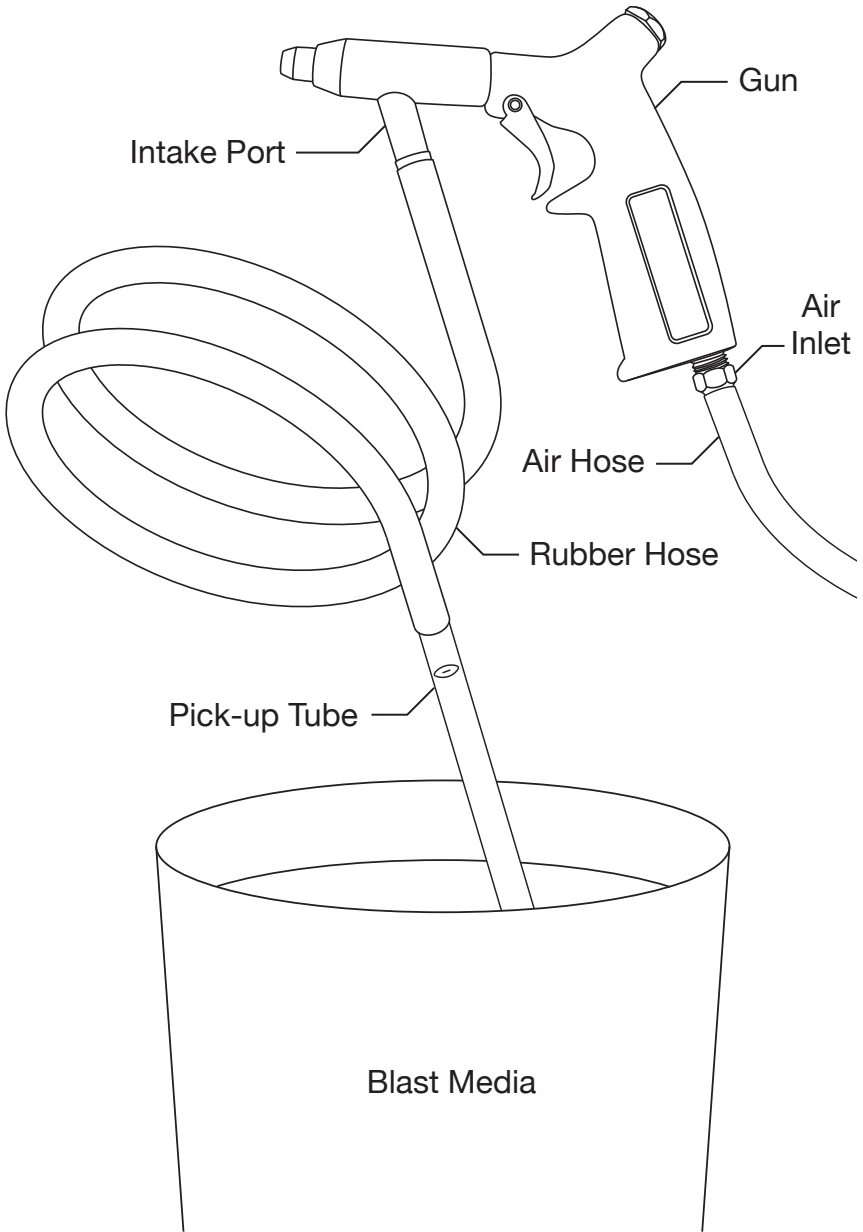
**▲WARNING! Oil tool before each use. 4 to 5 drops of a good grade Air Tool Oil placed in the air inlet is sufficient. Use proper air pressure and CFM rating listed for this tool.**

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.

## ASSEMBLY INSTRUCTIONS

1. Attach rubber hose onto the intake port of the sandblaster then attach the other end of the black hose to the pick-up tube. Place pick-up tube in source material for blasting.
2. Attach the air compressor hose to the 1/4 in. NPT (F) plug at the air inlet on the tool.

**CORRECT OPERATION DIAGRAM**



# OPERATION

## OPERATION

1. Situate the compressor as far away as possible from sandblasting area to minimize dust intake.
2. The air supply must be clean and free of moisture and oil.
3. Use a compressor that can supply enough air per specifications. Insufficient air pressure will prevent the tool from operating correctly.
4. Always test the sandblaster on a hidden surface to make sure damage will not occur.
5. Always filter the abrasive material to remove any clumping or debris and prevent clogging.
6. Do not try to spray thick liquids or large grain sized abrasives.
7. Use the lowest effective pressure on soft surfaces to prevent pitting.
8. With the air hose and rubber hose connected, and wearing proper safety equipment, aim sandblaster gun at surface and pull trigger.
9. Whenever the nozzle is removed, cleaned, or replaced use a brush to clean the threads and replace the o-ring.

## TYPE OF ABRASIVE (SIEVE/SIZE)

## APPLICATION

Sand (20-40)	General purpose use. Removing light rust and paint from metal, wood or other surfaces; wood finishing; metal cleaning; glass and stone etching; hole drilling in glass, brick or cement block; light stone cleaning; exterior automotive parts cleaning and water deposit removal
Sand (50-100)	Used for a fine polish finish or antique wood finish, brass and silver polishing, automotive parts cleaning and polishing, sheet metal surface polishing, and fine glass etching
Aluminum oxide	Heavy rust removal and rough surface paint removal
Corn cob meal	Wood and glass cleaning (fine)
Walnut or pecan shells (ground)	Wood and glass cleaning (coarse)
Wood and glass cleaning (coarse)	Removal of flash, burrs and paint from metal or glass without abrading work

*\* Note: Abrasive media that has not been cleaned and screened could contain material that will clog the gun nozzle and should be avoided*



# TROUBLE SHOOTING

## INSUFFICIENT POWER:

<b>Probable Cause:</b>	<b>Solution</b>
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 sanding requirements of the job at hand.

### 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.