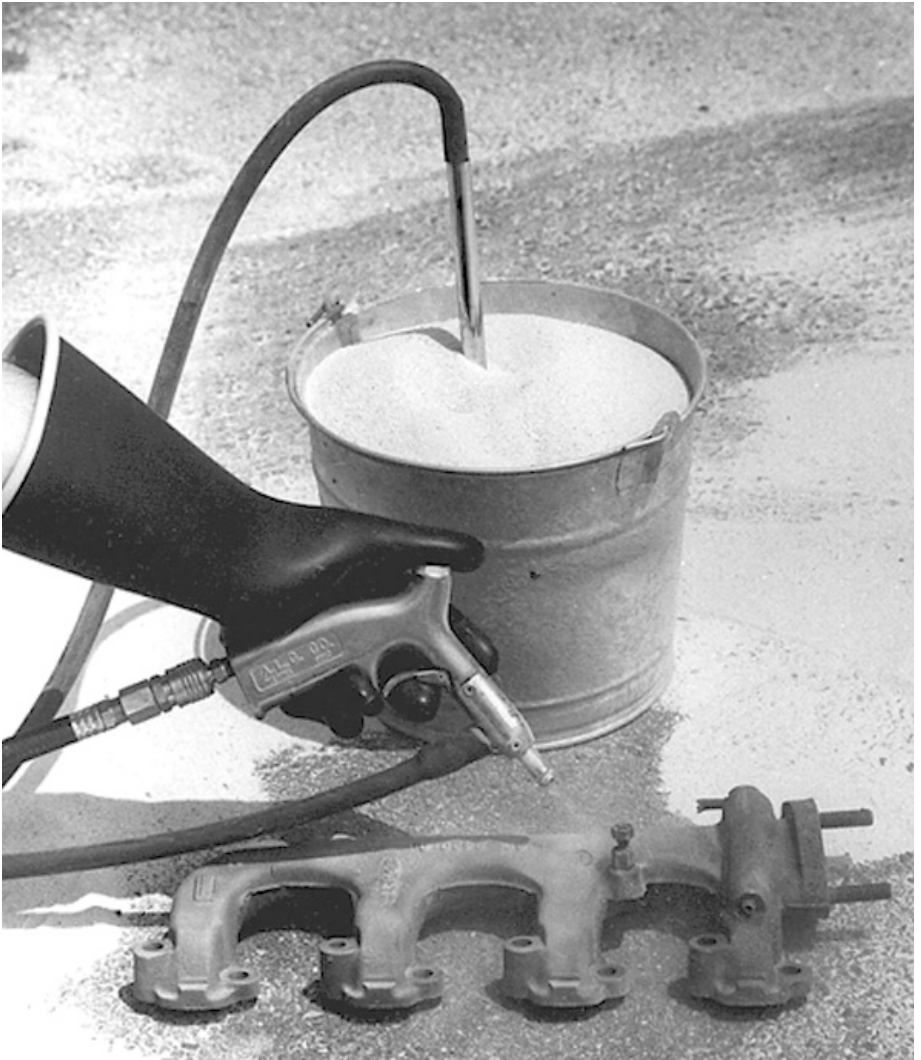


Eastwood

DO THE JOB RIGHT.

Part #22009

BLAST OUT OF A BUCKET INSTRUCTIONS



SAFETY INFORMATION



READ INSTRUCTIONS!

Read and understand all instructions thoroughly.



HEALTH HAZARDS

- **DO NOT** use any sand or silica based abrasives with this blaster. Silica based abrasives have been linked to severe respiratory disease. Avoid breathing dust produced by the Blast Out of a Bucket. Always wear appropriate NIOSH approved breathing apparatus.
- **NEVER** operate the Blast Out of a Bucket in an indoor area. Always make sure the work area is isolated from any unprotected persons, pets or property.
- **NEVER** clean up after blasting without a properly filtered shop-type, dust collecting vacuum. If dust is seeping out of your vacuum filter, stop immediately! Purchase and install a fine particular filter for your particular brand of shop vacuum to capture these dust particles. Levels of hazardous materials such as lead, zinc chromate, etc. may be present in coatings being removed. Additional protection may be required in the presence of these substances.



REQUIRED SAFETY EQUIPMENT

- Use safety equipment. Eye protection should be worn at all times when operating this tool. Use ANSI approved safety glasses. Everyday eyeglasses are NOT safety glasses. NIOSH approved respiratory protection, a Blast Hood/ hard hat such as Eastwood (#22095) and hearing protection should be used while blasting.
- Wear heavy, abrasive-resistant rubber blasting gloves such as Eastwood (#22010) to protect hands and forearms from abrasion injury. Severe skin abrasion & flesh removal can quickly occur from exposure to the blast stream.



SHOCK HAZARD

Under certain conditions (e.g. low atmospheric humidity levels, type of media being used and/or type of material being blasted), the friction of abrasive blasting may generate static electricity and result in shocking



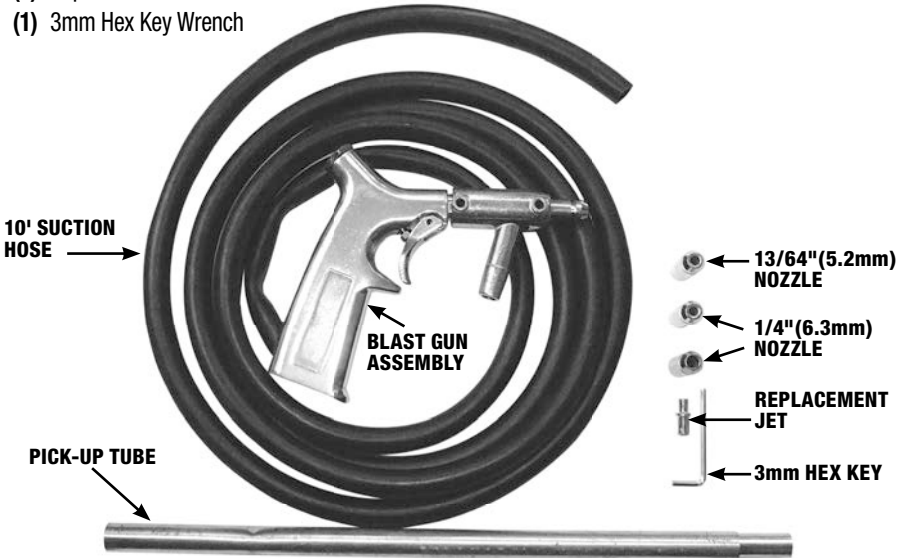
BURSTING HAZARD

Inlet air pressure must not exceed 90 PSI. Excessive air pressure can **cause permanent damage to the unit and personal injury.**

The **Eastwood Blast Out Of A Bucket** is specifically designed to strip away old paint and coatings, body fillers, accumulated dirt and moderate to major rust leaving a clean, bare metal surface ready for damage repair or painting. It features an efficient siphon feed gun with replaceable wear components.

INCLUDES:

- (1) Blast Gun Assembly, 13/64" (5.2mm) I.D. Nozzle installed
- (1) Pick Up Tube
- (1) 10' (3m) x 7/16" (11.1mm) I.D. Suction Hose
- (2) 13/64" (5.2mm) I.D. Nozzles (require 7 CFM at 80 PSI)
- (2) 1/4" (6.3mm) I.D. Nozzles (require 15 CFM at 80 PSI)
- (1) Replacement Air Jet
- (1) 3mm Hex Key Wrench

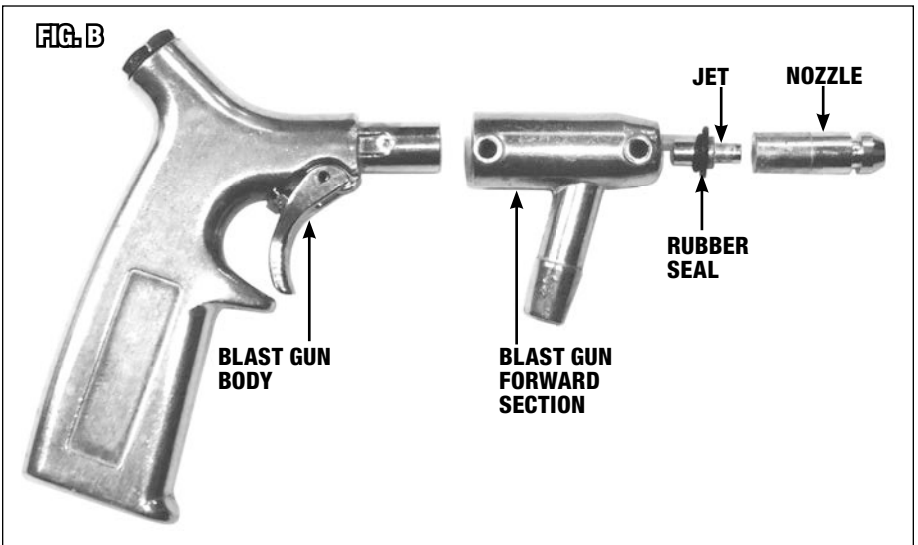
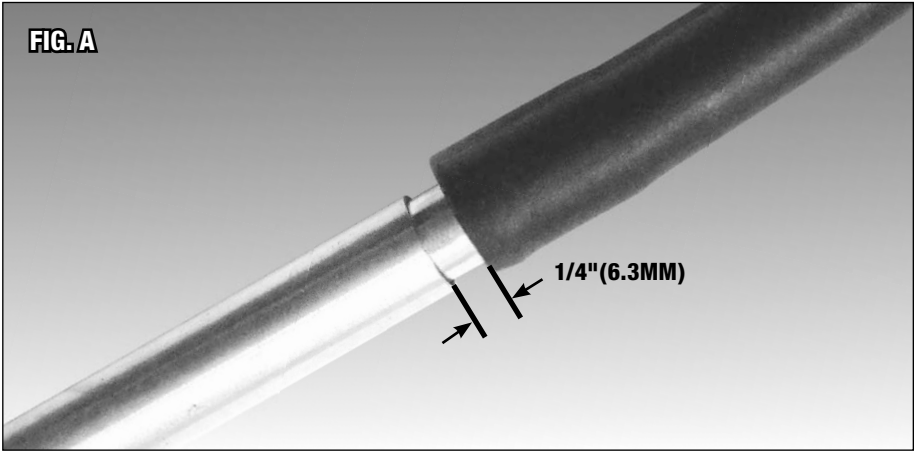


REQUIRED FOR USE:

- The inlet air supply must have a moisture separator capable of removing all moisture and impurities from the air supply. Moisture and/or oil in the air supply will cause clumping and clogging of the abrasive media.
- A suitable regulator must be used to limit incoming air pressure to 90 PSI maximum, 80 PSI is ideal. Excessive air pressure can cause permanent damage to the unit.
- For best results, a compressor capable of providing a minimum of 7 CFM @ 80 PSI is required. Less available CFM will not allow the Blaster to adequately remove rust and or paint.
- The use of Eastwood blast media is strongly recommended for proper operation. Use care to avoid using excessive grit size which can block the Nozzle.

ASSEMBLY:

- Attach the Suction Hose to the smaller, 1/2" (12.7mm) pipe of the Pick Up Tube. **(Fig A)**.
IMPORTANT NOTE: Allow 1/4" (6.3mm) of space between the end of the Suction Hose and end of the larger 0.63" (15.9mm) outer pipe of the Pick-Up Tube or the path for incoming make up air will be blocked and the Blaster will not function.
- Attach the opposite end of the Suction Hose to the Media Inlet Port of the Blast Gun by slipping it securely over the raised barb **(Fig B)**. **NOTE:** slip the hose 1" (25mm) over the Inlet Port.
- Thread a 1/4" NPT Air Inlet Fitting (NOT INCLUDED) into the Air Inlet Port on the bottom of the Blast Gun. **NOTE:** The use of Teflon Sealing Tape (NOT INCLUDED) is recommended.



OPERATION:

- Place the Pick-Up Tube into the container of Blast Media. **IMPORTANT NOTE:** Do Not exceed 12" (304mm) of depth into the Blast Media or the path for incoming air will be blocked and the Blaster will not function.
- Direct the Nozzle toward the work surface several inches away at a 10%-15% angle to the surface and depress the Trigger.
- Move the Nozzle along the work surface being careful not to dwell too long in an area or excessive heat buildup from friction can cause damage.

MAINTENANCE:

- Since any form of abrasive blasting involves abrasives under pressure, certain parts of the blaster are subject to wear. The wear rate depends on the amount of usage, the type of abrasive used, nozzle size and air pressure.
- Replace the Nozzle when you notice excessive air and blast media being used, cleaning speed is reduced or when air and media escape through the annular warning groove machined in each Nozzle. Nozzle replacement on your Siphon Blaster is easy. After disconnecting the unit from the air supply, place it on its left side. The right side contains two set screws. The included 3mm Hex Wrench is used to remove the front set screw. (**Fig B**)
- If, after extensive use, you determine your Blast Gun needs an overhaul, parts replacement is easy. In addition to the Nozzle replacement described above, there is an Air Jet in the forward section of the Blast Gun body. (**Fig B**) The wear on the Air Jet is external because of the abrasive passing over the Jet to enter the Nozzle. To obtain maximum siphon power, the inside diameter of the Air Jet must be 1/2 the size of the inside diameter of the Nozzle.
- When the Air Jet is worn, it will deflect the air and abrasive downward and will cut a groove in the Nozzle. Generally, the ratio of wear is one Jet to every three or four Nozzles.
- To remove the Air Jet, locate the 3mm set screw on the handle end of the gun. Remove this set screw and separate the forward section of the Blast Gun from the reduced, round area of the Blast Gun body. (**Fig B**)
- The Air Jet is held in by a rubber seal. Simply push gently on the Jet with the included Hex Key, as shown (**Fig C**) and it will come out along with the rubber Seal Washer.



TROUBLESHOOTING

- Insufficient air to blasting gun:
 - Compressor inadequate
 - For best results, a compressor capable of at least 7 CFM @ 80 PSI is recommended
 - Lesser output will result in diminished performance
 - Air line from compressor too small:
 - Use air supply line of 5/16" or larger
 - Air line from compressor too long:
 - Use air supply line of 5/16" or larger
 - Pinched, kinked or damaged Media Suction Hose:
 - Straighten or replace suction hose if required
 - Automotive fuel or heater hose works well
- Media surging:
 - Moisture in media and or/air supply
 - Install a Moisture Separator capable of removing all moisture & impurities from air supply
 - Dirt or blasting residue in gun nozzle
 - Clean out gun nozzle then sift blast media to remove debris before re-use
- Media stream stops:
 - Dirt or debris in Suction Hose
 - To clear blockage, place a gloved finger over the nozzle outlet & briefly depress trigger
 - Sift blast media to remove debris before re-use
 - Pick Up Tube is inserted too deeply into media
 - Never exceed 12" (304mm) of depth into the Blast Media or the path for incoming make up air will be blocked and the Blaster will not function.

ADDITIONAL ITEMS:

#22033 Blast Gun Assembly - Replacement Blast Gun Assembly with nozzle and air jet to match original specs.

Matched Nozzles and Air Jet sets:

For 7 CFM Compressors – 13/64" Nozzles 7 CFM @ 80 PSI:

#22047 Includes 4 gold nozzles, air jet, and washer

#22048 Includes 3 ceramic nozzles, air jet, and washer

For 15 CFM Compressors – 1/4" Nozzles 15 CFM @ 80 PSI:

#22044 Includes 4 steel nozzles, air jet, and washer

#22043 Includes 3 ceramic nozzles, air jet, and washer

For 15 CFM & Up Compressors – 5/16" Nozzles 20 CFM @ 80 PSI:

#22045 Includes 4 steel nozzles, air jet, and washer

#22046 Includes 3 ceramic nozzles, air jet, and washer

#22010 Rubber Blasting Gloves

#22095 Deluxe Blast Hood

#22095A Replacement Lens

#34103 Moisture Separator

#10041Z PRE Painting Prep

#22022 Abrasive Sifter Screen

If you have any questions about the use of this product, please contact

The Eastwood Technical Assistance Service Department: 800.544.5118 >> email: techelp@eastwood.com

PDF version of this manual is available online >> eastwood.com/22009manual

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