

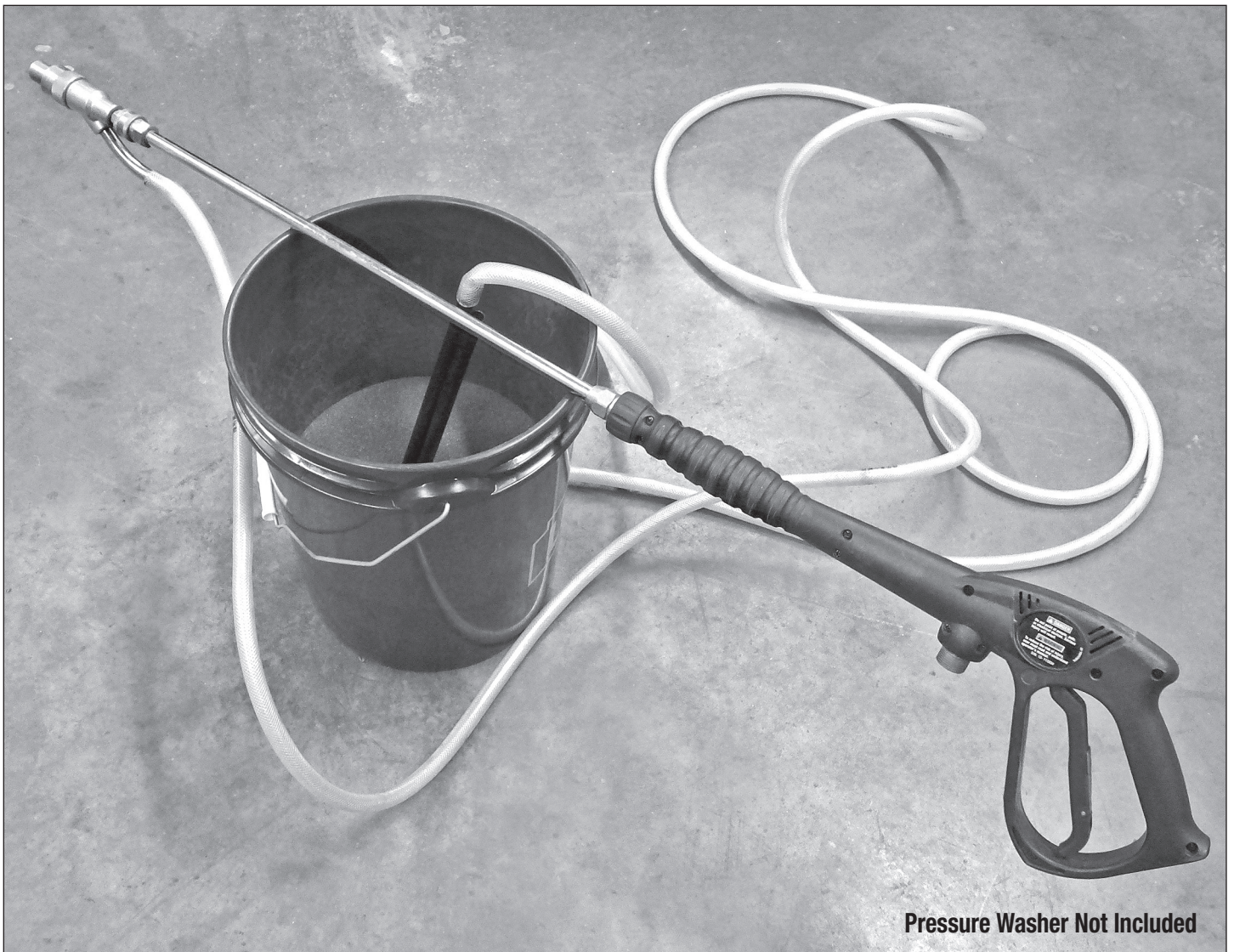
Eastwood[®]

DO THE JOB RIGHT.[®]

Item #20668

LIQUID MEDIA BLASTER

INSTRUCTIONS



Pressure Washer Not Included

The **EASTWOOD LIQUID MEDIA BLASTER** is specifically designed to use high pressure water from a pressure washer as a source for powerful dust-free abrasive blasting. It features an efficient siphon feed gun with replaceable wear components. The Eastwood Liquid Media Blaster provides a dust-free method to strip away old paint and coatings, body fillers, accumulated dirt and loose rust leaving a clean, bare metal surface ready for damage repair or painting.

CONTENTS

- (1) Brass Blast Gun Assembly with 4mm Nozzle installed.
- (1) Double Pick Up Tube.
- (1) 23' [7m] x 1/2" [1.27mm] I.D. Reinforced Clear Vinyl Suction Hose.
- (1) 3/8" Male Quick-Disconnect, High Pressure Water Fitting.



TOOLS REQUIRED

- A suitable gasoline or electric powered Pressure Washer (not included) equipped with a wand fitted with a standard 3/8" Female Quick Disconnect fitting.
- The Pressure Washer must be capable of delivering a minimum of 2.6 GPM for adequate performance. Less water volume will not provide sufficient force to allow the Blaster to adequately remove rust and or paint.

⚠ NOTICE DO NOT exceed 10 gpm and 3500 psi!

- 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.

SPECIFICATIONS

Minimum Water Supply Flow: 2.6 GPM [9.84 lpm]
Maximum Water Supply Flow: 10 GPM [37.8 lpm]
Minimum Pressure: 2700 psi [186.1 bar]
Maximum Pressure: 3500 psi [241.3 bar]

SAFETY INFORMATION

The following explanations are displayed in this manual, on the labeling, and on all other information provided with this product:

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION

CAUTION used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

⚠ NOTICE

NOTICE is used to address practices not related to personal injury.

SAFETY INFORMATION



⚠ READ INSTRUCTIONS

- Thoroughly read and understand these product instructions before using the Eastwood Liquid Media Blaster.
- Keep these product instructions for future reference.



⚠ WARNING HEALTH AND INJURY HAZARD!

- Silica based abrasives have been linked to severe respiratory disease. DO NOT use any sand or crystalline silica based abrasives with this blaster.
- Blast residue and fine particulate matter is generated during the blasting process which can contain toxic substances such as lead, silica and solvents. Inhaling this fine particulate matter can cause many serious respiratory health conditions. Always use NIOSH approved respiratory protection while using this Blaster.
- This Blaster will eject particles, dust and sharp fragments at high velocity during operation. 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.
- Never operate the Eastwood Dustless Blaster in an indoor area. Always make sure the work area is isolated from any unprotected persons, pets or property.
- This Blaster can quickly start up when handled if connected to a water supply causing serious personal injury. Always disconnect the Blaster from the water supply before changing nozzles, removing clogs or other maintenance.
- Excessive water pressure can cause tool to burst resulting in tool damage and personal injury. Do not exceed 3500 psi [241.3 bar] of tool inlet water pressure.



⚠ WARNING INJURY HAZARD!

- The high velocity media stream produced by this Abrasive Blaster can abrade and remove exposed flesh causing serious injury. Wear heavy, abrasive-resistant rubber blasting gloves such as Eastwood # 22010 to protect hands and forearms from abrasion injury.



⚠ CAUTION HEALTH HAZARD!

- Abrasive Blasting can generate excessive noise. Wear appropriate hearing protection while using.
- 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-type 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.

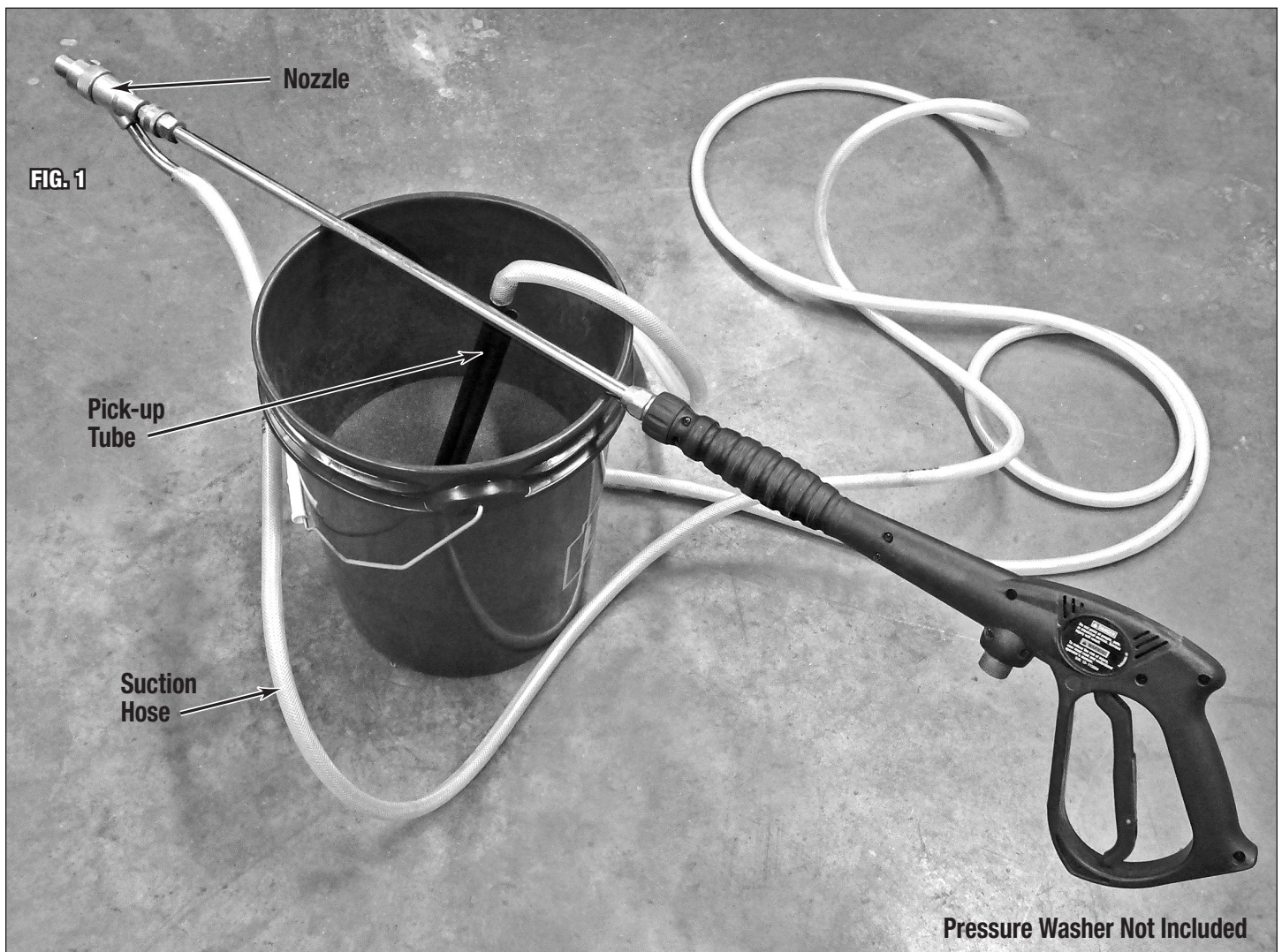


SET-UP & OPERATION

⚠ WARNING INJURY HAZARD!

The Blast Gun may accidentally discharge when handling for maintenance. Abrasive material is propelled at high velocity which can quickly cause severe injury. Always disconnect from water supply before beginning work.

- Attach the 3/8" Male Quick Disconnect Fitting of the Blaster Nozzle into the high pressure wand output, female 3/8" quick disconnect fitting of your pressure washer (not included) (FIG 1).
- Place the Pick-Up Tube into the container of Blast Media (FIG 1).
IMPORTANT NOTE: Do Not 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.
- DO NOT allow the supply of blast media to become wet or damp in any way or it will not draw through the suction hose.
- Place the Blast Media Suction Hose as straight and flat as possible to eliminate any loops or bends which will reduce performance.
- 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 friction can cause damage.



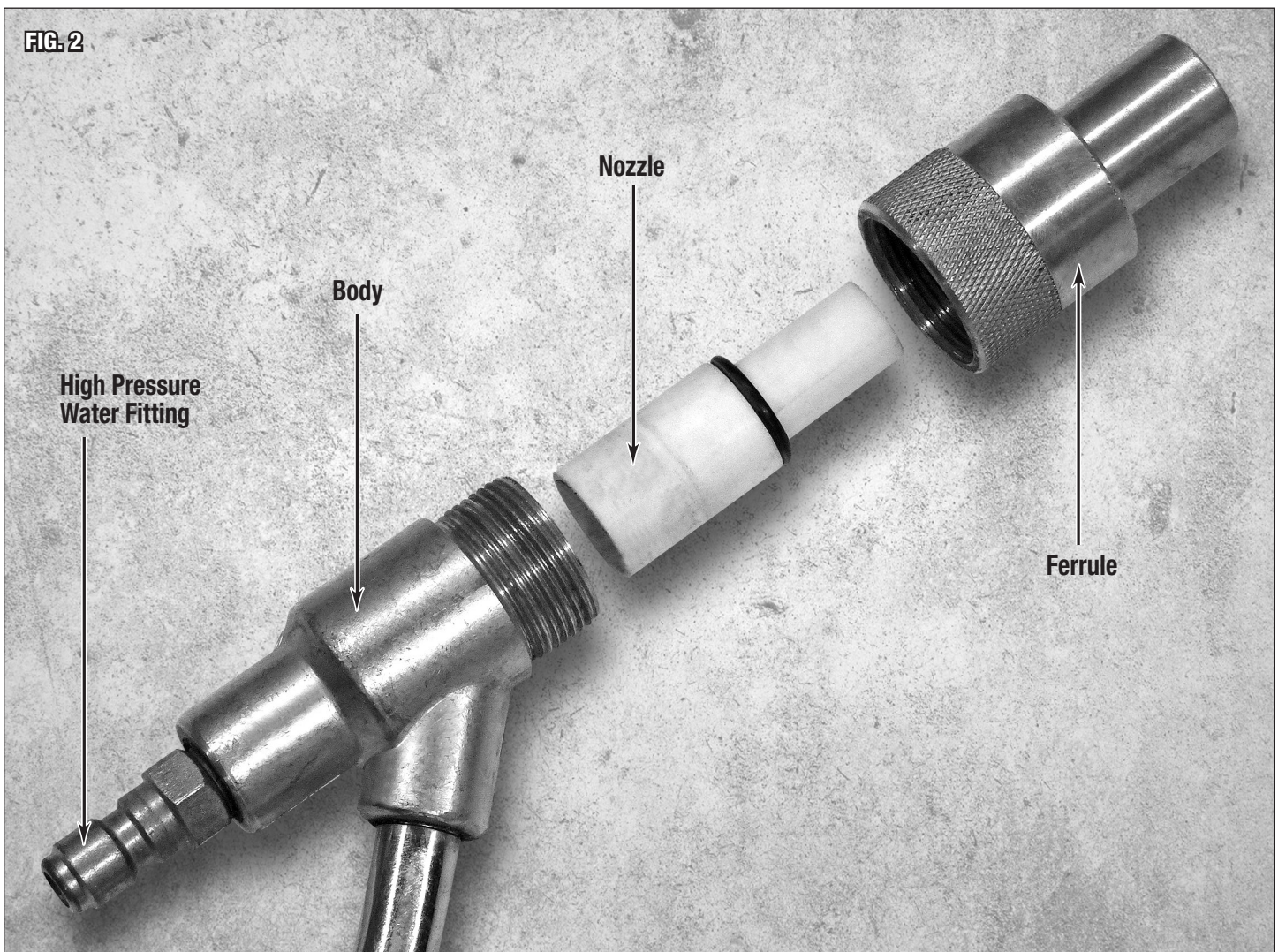
MAINTENANCE

- 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. Since your Eastwood Dustless Blaster is designed for intermittent use in the home shop, wear rates will most likely be very low.

⚠ WARNING INJURY HAZARD!

The Blast Gun may accidentally discharge when handling for maintenance. Abrasive material is propelled at high velocity which can quickly cause severe injury. Always disconnect from water supply before beginning work.

- Replace the Nozzle when you notice excessive blast media being used or cleaning efficiency is reduced. Nozzle replacement on your Dustless Blaster is easy. After disconnecting the unit from the water supply, unthread the Nozzle Ferrule from the front of the Gun Body, remove the Nozzle (FIG 2).
- To install the replacement Nozzle, verify that the O-Ring is in place then drop it into the front of the Blast Gun body with the larger diameter end inward (FIG 2).
- Replace Nozzle Ferrule. Thread on securely but DO NOT overtighten.
- The Blast gun is now once again ready for use.



TROUBLESHOOTING

| PROBLEM | CAUSE | CORRECTION |
|--|--|--|
| Insufficient Media Reaching Blast Gun | Water Pressure Inadequate | For best results, a pressure washer capable of at least 2.6 GPM and 2700 PSI is recommended. Lesser output will result in diminished performance. |
| | Pinched, Kinked, or Damaged Media Suction Hose | Straighten or replace suction hose if required. Note: The shorter and straighter the suction hose is, the better the performance. |
| Media Surging | Moisture or Contamination in Media Supply | Replace wet or contaminated blast media 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 Media Suction Hose | 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 suction make up air will be blocked and the Blaster will not function. |

ADDITIONAL ITEMS

- #20669 Replacement Nozzle
- #22010 Rubber Blasting Gloves
- #22095 Deluxe Blast Hood
- #11971ZP Eastwood After Blast
- #10041Z Eastwood 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: 800.343.9353 >> email: tech@eastwood.com
PDF version of this manual is available online >> eastwood.com

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