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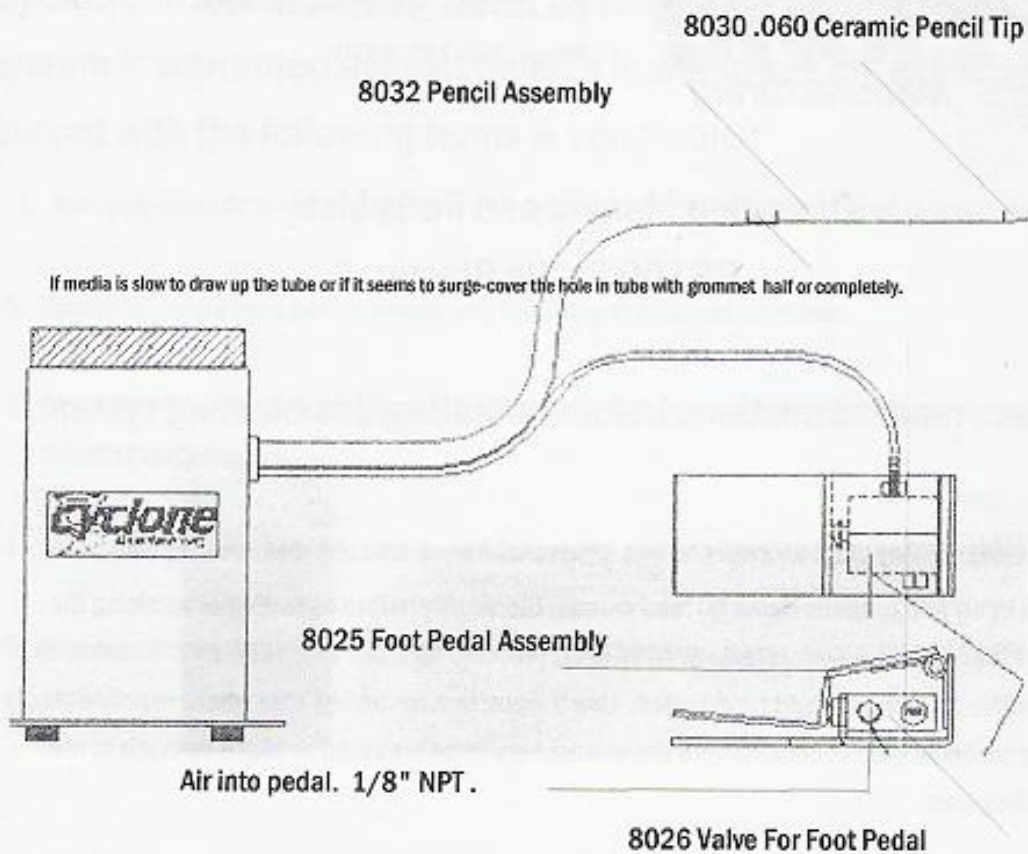
## Operation Manual and Parts List BB100 Bottle Blaster

**Please read instructions before operating this blasting system.**

**WARNING!** Any blast unit will produce a powerful flow of abrasive particles. To avoid personal injury and property damage, read manual thoroughly before operating or servicing the unit. Always wear the safety goggles or tyvek hood provided with this unit when air is attached to the foot valve and media could be expelled. Use the unit in a controlled area where expelled media and dust particles will not contaminate the atmosphere to be breathed or cause damage to the surrounding area.

Failure to follow these instructions can result in operator injury as well as void warranty on the blasting system.





### Parts Listing

123	Tyvek Hood
218	Goggles
8025	Foot Pedal Assembly
8026	Valve Only For Foot Pedal
8030	.060 Ceramic Pencil Tip
8031*	.048 Ceramic Pencil Tip
8032B	Complete Pencil Gun Assembly
8033*	.060 Tungsten Carbide Pencil Tip

\*Items marked with \* are accessories.  
 They are not standard items with this system.  
 They must be purchased separately.

## Setting Up The BB100 Bottle Blaster

1. Attach air supply line from compressor capable of maintaining 2 cfm at 80-100 psi, to the 1/8 inlet connection on the foot valve assembly. Because of the variation in air supply systems, the air inlet coupling is not supplied. A regulator can and should be used to prevent excessive pressure.
2. Suggested blast materials: 100 grit or finer. Glass beads, aluminum oxides, silicon carbides or sands. Use of materials larger than 100 grit will cause the system to clog and not work properly.
3. Fill the bottle about 3/4 full. Be sure the hoses in the bottle are at the bottom of the bottle. The media in the bottle may appear to be 'bubbling or blowing' inside the container. This is due to air being introduced into the bottle to help keep the media flowing.

## Maintenance

If the pickup tube becomes plugged, cover the end of the gun and force air backward through the gun and into the bottle.

**Warning!!** When following this procedure, keep head away from the top of bottle as some media and air will blow out. Use of goggles & hood are suggested.

If back blowing the system does not work:

- a. Empty the media from the bottle. Repeat above steps.
- b. Remove pencil tip and clear any obstructions inside the brass venturi in the pencil.
- c. Introduce air back to the pencil with the nozzle tip off. Again keep your head and eyes protected.



## **Cyclone Manufacturing Blast Systems Warranty** This blasting system is warranted against defects in workmanship of materials in accord with the following terms & conditions:

1. Warranty extends to the original user only and does not cover systems used in commercial rentals.
2. Warranty is valid for a period of one year following the date of purchase.
3. Warranty does not cover maintenance items subject to normal wear, such as: nozzles, hoses and blasting materials.
4. Warranty does not cover misuse or operation not in accordance with manufacturers instructions.
5. Warranty does not cover damages in transit. In such cases, proper claims should be filed with the carrier.

User should call the factory in the event of defective parts. The parts will be repaired or replaced at the manufacturers discretion. This warranty grants the user certain legal rights. Users and purchasers may also be protected by other rights which vary from state to state.

Note: Except for warranties set forth above, the manufacturer makes no other warranties of any kind, expressed or implied, including warranties of merchantability or fitness of a product for a particular purpose.