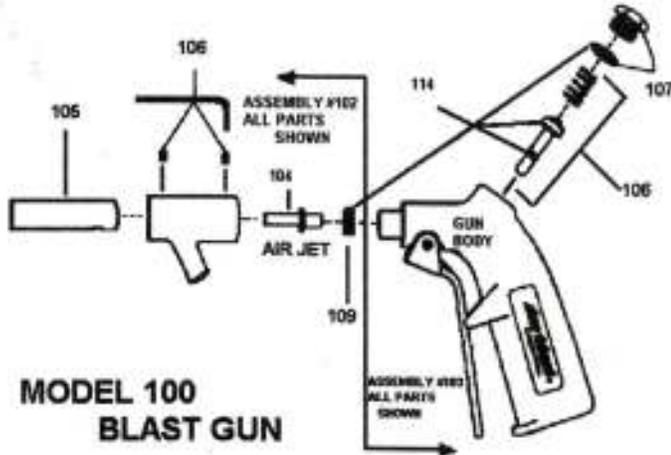


Sandblasting Cabinet Maintenance By Richard Vensel

Is your Sandblasting Cabinet not working as well as it did right after you purchased it? Sandblasting Cabinets are known as the machines that just keep on working, but to keep them working like they did when they were new requires a little maintenance. If you want it to work it's best, a check up every 6 months will go a long way towards achieving that. Checking over the key parts of the cabinet only takes a few minutes and a little preventative maintenance pays off big in keeping your machinery running and producing a good looking finish.



PROBLEMS & SOLUTIONS:

1. Dark Dingy Aluminum Finish:

- Clean the dust collecting system and adjust air control in the collecting system
- Get aluminum shot, it cleans better, lasts longer, creates less dust, draws less amps and helps your machine last longer, (requires 5/16" nozzle).
- Cast Zinc Shot is an even better option; it beats aluminum for finish appearance.

2. Low or No Air Flow:

- Restricted Air Hose, the easiest solution is to just replace the hose.
- Replace #114, shown in picture above
- Replace the air jet #104 above and seal #109 above

3. Low or No Glass Bead Flow:

- Plugged or restricted hose, replace with a clear hose will solve this problem.
- Plugged or restricted pick up tube or 1/8" siphon hole (located 5 1/2" from the end of the pick up tube), bad air jet or o-ring #109 above or the nozzle #105 is worn out.
- ALWAYS REPLACE THE NOZZLE AND AIR JET AT THE SAME TIME.

4. To Many Steel Particles in the Glass Bead:

- Put some PM Fields in plastic bags and set them inside the Blaster Cabinet, they will attract the steel particles. Change the bags regularly to keep the cabinet free of steel particles.

5. Moisture Builds Up in the Glass Beads:

- Put a water filter on the incoming airline
- Dry parts better before putting them in the blaster

- c. Set a portable light up against the outside of the cabinet, near the spot where the glass bead is stored inside.
6. Getting Shocked While Blasting:
 - a. Electrically Ground the machine to a cold water pipe.
 - b. Ground the nozzle to the machine.
 7. Glass Window Frosts Up Quickly:
 - a. Use sticky film plastic on the inside of the blasting cabinet window. Replace as needed.