

POINTERS FOR REPAIRING THE MYSTIC CLEANING GUN

Unless the motor gives out there are very few items that can go wrong with this cleaning gun. The most common problems are outlined below:

1. The piston spring, (item 15), breaks.
2. The delivery valve (items 17, 18, 19) breaks or plugs up
3. The adjusting roller (item 11) is out of adjustment
4. The control knob (item 8) is out of adjustment
5. The adjustable nozzle (item 32 thru 32-8) is clogged

One of our customers, Mr. Jim McNeil sent this to us. We are forever learning from YOU, our loyal customers. Thank You So Much!



HOW TO REPAIR THESE PROBLEMS

Problem 1—Piston Spring Breaks—When/if this happens, or if the spring gets very weak from use, the spring must be replaced. Start by removing the threaded stud (item 23) on the top of the liquid container. Then remove the pump cylinder (item 13). Then remove and replace the spring. When putting the assembly back together be certain that the piston (item 14) is put in so that the indentation is facing up so the threaded stud can be screwed into it. This holds the piston assembly in place (Sometime it may be necessary to loosen the suction tube (#22) to remove the pump cylinder)

Problem 2—Delivery Valve breaks or plugs up—To replace or clean this assembly remove the nozzle assembly by unscrewing the nut (item 32-1) and removing items 17, 18, and 19. Clean and/or replace these. Upon reassembly be certain to put these parts (17, 18, 19) back into the gun (they are often left out).

Problem 3—Roller Adjustment out of Adjustment—This part (item 11) is set at the best position at the factory. The setting should not be changed unless the gun is being disassembled. If you must adjust this item start by loosening the set screw (item 24) and making a mark on the gun barrel, just behind the air intake hole. This mark is so you can readjust the gun to the proper setting. After this you can move the adjusting roller. When you have reassembled the gun and operate it if you find that there is a lack of pressure try adjusting this roller until the pressure is sufficient.

Problem 4—Control Knob out of Adjustment—The control knob (item 8) is set at the factory for the most efficient use. If at all possible do not readjust the factory setting. Should you adjust the setting and lose pressure at the nozzle, readjust by turning all the way to the maximum side (counter clock wise) and then the other direction one quarter to one half of a turn or until the pressure suits you.

Problem 5—The adjustable nozzle is clogged— Unscrew item 32-8 from 32-4 and check both to see where the obstacle is located. Do not try to clean the nozzle by pushing a wire or such item through the tiny hole—this will damage the opening and either plugs it up more or makes the opening larger and causes a loss of pressure. If the obstacle is visible remove it; if it is not visible try to rinse it out with water or alcohol or with an air compressor. Check to be certain items 32-5 & 6 are in the assembly. Replace items 32-4 & 5; be certain that they are **screwed together tightly**—if they aren't the nozzle will leak and the pressure will be lost.

Helpful Hints

Always use **American Niagara** products so contaminants will not get into the system and void your warranty. Check the filter at the end of the uptake tube to see if it needs to be cleaned.

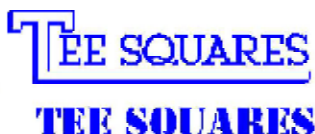
Never, ever point the gun toward another person or any body part.

Never, ever attempt any repairs to the gun without unplugging the gun from power source.

The piston spring (item 15) is Teflon coated carbon steel it will rust if/when the Teflon begins to crack. (Water left in the system will cause rusting.) When finished cleaning and plan not to use the gun for a few days it is best to run light viscosity oil through the gun for a few seconds. When using the gun again, running your cleaning solvent through it for a couple of seconds will remove any oil residue.

We also recommend you place a drop or two of machine oil (3 in 1 brand) in the oil hole and air intake hole on the top of the gun about once a month. This will prolong the life of your gun by lubricating your intermediate push rod and piston.

If you have done all of the above to repair your gun and it still doesn't work then you should call the factory at 1-800-241-7708 or 770-441-5900 extension 116 and ask for Wayne.



6600 Jones Mill Court • Buildings A&B • Norcross, Georgia 30092 USA
Phone 770.441.5900 • Fax 770.409.7259 • Toll Free 1.800.241.7708
e-mail: anc@mindspring.com • Website: www.american-niagara.com