

Cleaning Your HVLP Spray Gun

CLEANING SUPPLIES

1. Appropriate solvent (IE: water, lacquer thinner)
2. Cleaning buckets for soaking parts, and dumping waste
3. Rags or paper towels
4. Cleaning brushes and picks
5. Wrench
6. Gun lubricant
7. Safety glasses
8. Rubber gloves

DISASSEMBLY and CLEANING

1. Pour the material out of your cup
2. Use a solvent soaked rag to clean out residue inside the cup
3. Remove the filter at the base of the pick up tube.
4. Fill cup halfway with appropriate solvent - tighten the lid and swirl it around
5. Attach your gun to the hose and turbine and spray the solvent into a waste bucket or into a clean rag to
6. Repeat and spray until the solvent runs clean
 - If you have a gravity cup, it can be cleaned without hooking up to the hose. Simply unwind the fluid knob at the rear of the gun and pull the trigger - the solvent or thinner will stream out of the fluid nozzle
7. Pour any remaining solvent into your waste bucket
8. Take a rag and wipe both the inside and outside of the cup until it's clean - be sure to clean the lid of the cup as well
9. Do an inspection of the pressure tube and check valve - make sure that there is no material inside that could dry causing an obstruction to the air flow
 - If necessary, replace this wearable part and ensure that the nipple attachments to the pressure tube are always clean
10. Remove the collar and air cap
11. In order to remove the needle, first unscrew the fluid control knob - carefully remove knob so as to not lose needle spring - squeeze the trigger and pull the needle out
12. Use your wrench to remove the fluid nozzle from the front of the spray gun
13. Place the needle, fluid nozzle and air cap into a small bucket of your appropriate solvent to soak
 - While it's OK to soak these parts, it's never OK to soak the complete spray gun in solvent.
 - For T-Series - ALSO remove the air diffuser, diffuser seal, and the air divider - place these parts into a small bucket of appropriate solvent to soak for a few minutes
14. Once you remove these items from soaking, use the cleaning brush to clean these small parts.
 - It may be hard to see finish stuck in the small holes so a smaller mini-brush should be used to clear these passages. Be sure that the holes in the air horns are clear. Sometimes picks or soft pipe cleaners come in handy when cleaning these holes
15. Use the cleaning brush on the needle or wipe the needle down with a rag

PLEASE NOTE that you should never use a wire brush or anything metal to clean your spray gun. This will likely cause damage.



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ASSEMBLY

1. Re-assemble the gun in the reverse order to how it was taken apart
2. For T-Series - Position the small round hole on the air divider to 12 o'clock. This will match up to the same sized hole on the gun body. Place diffuser seal onto back of diffuser
 - Note there is a locating pin behind the diffuser - and when re-assembling, this pin must be seated properly into the matching hole in the Air Divider at 12 o'clock
3. Reinstall the fluid nozzle with a wrench making sure that it is securely installed into the fluid passages
4. Apply some lubricant to the shaft of the needle and insert it back into the gun
 - Avoid applying oil to the front of the needle as this is the part that comes into contact with your finish
5. Put the needle spring back into place and screw on the fluid control knob
6. Replace the aircap and collar
7. Wipe the body of the gun down

By following these simple maintenance steps, you will ensure your spray gun operates at peak performance for years to come.

Happy Spraying!

For a full video on "Cleaning Your HVLP Spraygun" visit our Youtube page @FujiSpray