

How To Clean your Fuji HVLP Gun

The following is a step-by-step instructions on how to disassemble and clean your Fuji HVLP gun. This is assuming you have already flushed the gun and cup assembly.



First get the following items together at a clean work area.

- Paper Towels
- Old toothbrush
- Glass jar or cup
- Lacquer Thinner
- Small pair of needle nosed pliers
- Wrench to remove Nozzle Nut (included with HVLP Gun)

Note that the gun in this example had just been used with the remote cup so it does not have the cup assembly. It is not necessary to remove the standard one quart cup. The following should NEVER be done:

- NEVER use a wire brush on the gun.
- NEVER Soak the entire gun



Remove the Spray Cap and Nozzle. Soak them in lacquer thinner in the glass jar. After they have been soaking for a while go back and scrub them with the toothbrush removing any built up deposits.



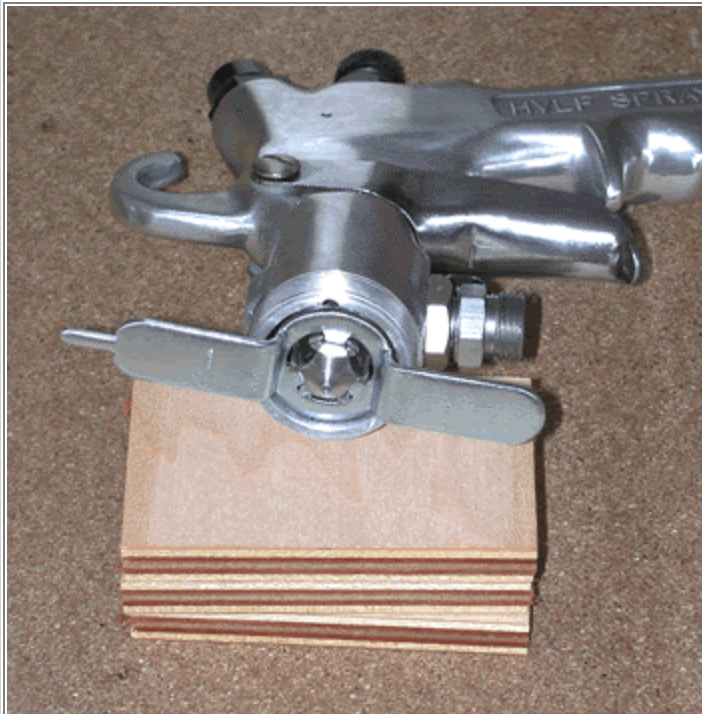
You will also want to remove the Nozzle Plate / Spring behind the Spray Cap and soak it.

Note: if there is any residue on the Nozzle Plate / Spring or the inside body of the gun, the Nozzle Plate / Spring may be stuck and need to be popped out. If there is any residue you should look for the cause as it is not normal.

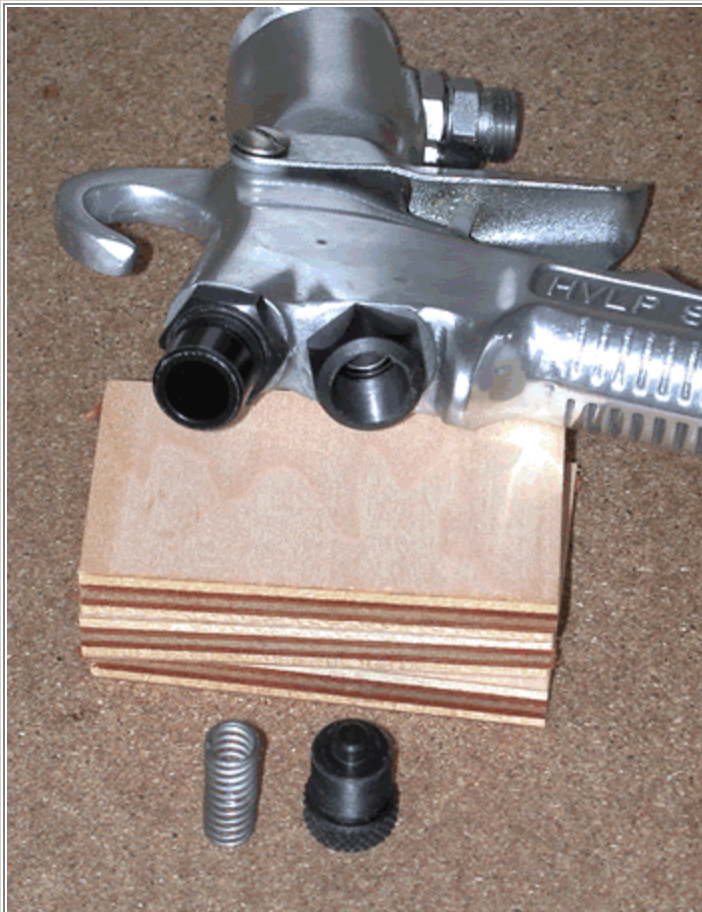
The two reasons this would happen are:

- A defective One-Way Valve
- Or the needle seal is loose and needs to be adjusted. Your Fuji manual will explain how to adjust the needle seal.

Normally the Nozzle Plate / Spring should just fall out.



Remove the Fluid Jet with the wrench supplied with your gun. Once removed, soak it in lacquer thinner and scrub if necessary.



Remove the fluid adjusting screw and spring. These parts should not need soaking, just wipe them off with a paper towel wet with lacquer thinner.



Now, you need to remove the Needle.

Care should be taken with the Needle; if dropped or forced it can be damaged.

To remove the Needle just pull the trigger all the way back and then gently grab the back with a small pair of needle nosed pliers to pull it out the rest of the way. Once removed, wipe it clean with the wet paper towel from the last step.

Lastly, wipe down the gun body with lacquer thinner and scrub any deposits with the toothbrush. Once clean you are ready to reassemble the gun.

Assembly is basically just reversing the above steps. I generally put the Fluid Jet on before inserting the needle. If the needle seal needs adjusting you will have to leave the Fluid Jet off to perform the adjustment.

Please note that this guide was written assuming you had used your system with a finish such as lacquer, shellac, varnish, polyurethane, latex paint, etc. If you have used a specialized finish (ie. epoxy, etc.) that will not dissolve with lacquer thinner you will need to substitute the appropriate solvent that the manufacturer lists for cleanup.

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