

Firearm Cleaning

STEP-BY-STEP INSTRUCTIONS FOR HANDGUNS/REVOLVERS

Preparing to Clean

1. Set up the ultrasonic tank cleaning solution mix with a ratio of 10% **815GD™** detergent, specially formulated for ultrasonic cleaning applications, and 90% water.
Note: De-ionized, reverse osmosis or distilled is preferred over city and well water.
2. Water typically contains entrained gas, so “degas” the cleaning solution with ultrasonics prior to starting the firearm cleaning process.
3. Preheat the cleaning solution to 140 Fahrenheit (60 Celsius).
4. Fill the “double boiler” pan with lubricant and place off to the side for later use.

Safety First!

While the cleaning and lubricating process is generally safe, we recommend use of eye protection and rubber gloves. Consult with applicable Safety Data Sheets for additional safety, health and environment information.

Caution: Assure firearm is unloaded prior to starting the cleaning process.

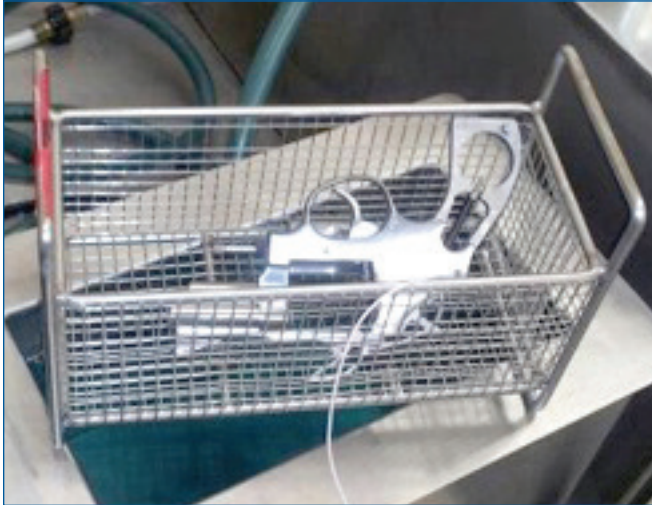


5. Remove ammunition from firearm.
6. Remove wood grips from the firearm if applicable.
Note: Most rubber and polymer grips should be safe for the cleaning solution, although some purists insist to remove these too.



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7. Remove laser optics, if applicable.
8. Open the hammer, the yoke and cylinder assembly from the frame.
9. Place the firearm in the mesh basket and immerse it in the cleaning solution.



Ultrasonic Cleaning

10. Ultrasonically clean for approximately 3-5 minutes.

http://www.youtube.com/watch?feature=player_embedded&v=nOVUopenSvdw

11. Remove the firearm and rinse with water for approximately 30 seconds to flush residual cleaning solution.



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12. Dry the firearm with the **Ultra-Power™** parts dryer delivering high pressure heated air.

Ultrasonically Lubricate the Firearm

13. The lubricating solution not only oils the parts, but provides a water-displacing function.

Caution: *Be sure to use a lubricating oil that has rust preventative, water displacing, high flash point and low temperature application properties.*



14. Submerge the firearm in the **Valrust 1609™** lubricant previously prepared in the "double boiler" pan. Place the "double boiler" pan on top of the ultrasonic machine with the bottom of the pan partially submerged in the cleaning solution.
15. Ultrasonically lubricate the firearm for approximately 1+ minutes.

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16. Use the **Ultra-Power™** parts dryer for delivering high pressure heated air to evenly distribute the **Valrust 1609™** lubricant and/or remove any excess lubricant.



Reassemble Firearm for Use

The entire cleaning process ideally takes approximately 10 minutes.

<http://www.upcorp.com/gunsonic.html>

Finally: If you are not expecting to clean more firearms the same day, it's a good idea to drain the cleaning solution from the tank and save the solution, less the firearm debris/contaminants, in a separate container for later cleaning sessions.



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