

Blue Wonder™ Gun Blue Instructions

Important: Wear rubber gloves to protect hands and keep oil from getting on the metal. Do not use polishing compounds or jeweler's rouge to polish metal prior to bluing. DO NOT use ACETONE, solvents, cleaners, degreasers, blue or rust removers or any chemicals other than **Blue Wonder™ Gun Cleaner** to prep metal prior to bluing. These products can remain in the pores of the metal and interfere with the bonding process of **Blue Wonder™ Gun Blue**. See our website for details as well as additional Tips & Techniques. www.novumsolutions.com

1. Remove factory bluing. (Skip this step for touch-ups or for a new gun). This can be done using green ScotchBrite™ abrasive pads in combination with **Blue Wonder™ Gun Cleaner** or other suitable methods. **Blue Wonder™ Gun Blue** will not bond to existing factory bluing, so areas should be clean, bare metal.

2. For best finish, areas to be blued should be free from pits, scratches, etc. If necessary, smooth areas using green ScotchBrite™ pads and/or emery cloth. For a higher gloss finish the surface may be dry polished. **Blue Wonder™ Gun Blue** will apply evenly and without streaking even on polished surfaces.

3. Clean the areas to be blued using **Blue Wonder™ Gun Cleaner** to remove any oil, grease, fingerprints, etc. Do not use other cleaners or solvents that contain petroleum products. Remove any rust using **Blue Wonder™ Gun Cleaner** following instructions for rust removal. See our website for details.

4. Apply a coat gun cleaner gel again to areas to be blued and "**while the gel is on the metal**" use a propane torch, heat gun or hair dryer and heat the area to about 130°F (hot to the touch but not hot enough to cause a burn). Heating the metal with the gel expands and draws rust particles and residue out of the pores, removes moisture, activates the **Blue Wonder™ Gun Blue** and is an important step! Using a clean, dry cloth or paper towel, completely wipe the hot gel off of the metal. *Do not touch the piece with bare fingers or let it contact any oil, grease or other substance as the bluing will not bond to these areas!*

5. "While the metal is still hot", **SHAKE – SHAKE – SHAKE** the **Blue Wonder™ Gun Blue** and apply with a soft paper towel or cloth by "**Saturating**" a small area with the liquid and applying it in a heavy, wet coating. Continue using the same saturated area of the cloth for each coat; otherwise the cloth will absorb too much liquid. Apply in one direction and do not use "pressure" trying to "rub it into the metal". Use even strokes letting the hot metal absorb the liquid and dry before applying the next. Apply as many coats as necessary to obtain the desired darkness (minimum of 5-6; maximum of 15-16). **Blue Wonder™ Gun Blue** will not remove, harm, bond to or affect factory bluing so for "TOUCH-UPS", apply it to the bare area and overlap the factory bluing, until it blends in and matches exactly.

6. After the final coat is dry, "saturate" a small area of a clean paper towel or cloth with **Blue Wonder™ Developer** and apply it *liberally* to the blued areas. Apply it gently and do not try to "rub it into the metal". Gently wipe off any excess. The developer dries and sets the blue and brings out a deep, dark luster. Let the piece "SET" undisturbed for 6-8 hours to give the gun blue and developer time to properly react. Do not apply gun oil or other substances to the blued areas during this time. After 6-8 hours, apply a coat of quality gun oil such as BreakFree™ CLP or similar. Do not use 3 in 1 oil, motor oil or other oils not specially designed for firearms. The bluing process is now complete and you may handle the piece as you would any factory new gun. **Note:** In areas with high humidity, rusting may occur before 6-8 hours. In these areas, you may apply oil sooner, but not sooner than two (2) hours, as it can stop the action of the developer.

7. If the desired darkness has not been obtained, clean the areas with **Blue Wonder™ Gun Cleaner** to remove the developer, re-heat following step 4, and then apply additional coats of **Blue Wonder™ Gun Blue** following steps 5 and 6.

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Blue Wonder™ Gun Cleaner will remove copper, lead and powder residue from gun bores and remove rust from guns without harming the bluing. It is safe, non-toxic and biodegradable!

For questions or technical support call 1-832-200-8005 or e-mail support@novumsolutions.com.