

# Tips and Techniques

## Gun Surface Becomes Rusty:

If you have completed the **Blue Wonder™ Gun Blue** process following the instructions, and the surface you have re-blued later becomes rusty, this could be because:

1. The metal still had some rust particles remaining in the pores prior to bluing and the **Blue Wonder™ Gun Blue** process draws these to the surface. To alleviate this problem, the bluing must be stripped from the areas, back down to bare metal, and the entire process repeated, following our instructions – CLOSELY.
2. You did not apply oil to the blued areas within the 12-24 hour period. If a deep, dark, luster finish is desired, the bluing must be stripped from the areas, back down to bare metal, and the entire process repeated, following our instructions – CLOSELY. If a “matte” or dull type finish is acceptable, you can clean the rust from the surface using **Blue Wonder™ Gun Cleaner** and “0000” steel wool. Then, heat the areas hot to the touch and add a few more coats of **Blue Wonder™ Gun Blue**. Apply **Blue Wonder™ Developer** following step 7 of the **Blue Wonder™ Gun Blue** instructions.

## To Obtain a Darker Finish:

If you have blued a gun using the **Blue Wonder™ Gun Blue** process and decide some time later that you would like to make the finish darker, you may do so without stripping the gun down to bare metal. Simply clean the area that is to be darkened, using **Blue Wonder™ Gun Cleaner**, to remove any oil, grease, fingerprints, rust etc. Then, heat the metal so it is hot to the touch and apply coats of **Blue Wonder™ Gun Blue** until the desired darkness is obtained. Finally, apply **Blue Wonder™ Developer** following step 7 of the **Blue Wonder™ Gun Blue** instructions.

## To Obtain a Patina or Antique Finish:

Follow instructions for applying **Blue Wonder™ Gun Blue** – using steps 1-6 only – and **DO NOT APPLY** the **Blue Wonder™ Developer**. Let the piece stand overnight and a thin film of fine rust will form on the surface. Apply a light lubricating oil or gun oil to the rusted surface and rub it into the metal using “0000” steel wool. Allow to dry and then finish with light coat of good quality gun oil to prevent further rusting. (This finish will not be as durable since the developer was not used).

## To Obtain a “Matte” Finish:

Follow instructions for applying **Blue Wonder™ Gun Blue** – using steps 1-7 but **DO NOT APPLY** the gun oil. Let the piece stand for 1-2 days or until a thin film of fine rust forms on the surface. Using **Blue Wonder™ Gun Cleaner** and “0000” steel wool, clean the rust from surface until it is completely removed. Finish with coat of quality gun oil and you will have a matte or dull type finish.

## To Remove Dried Blood from Pores of Metal:

Clean the area with **Blue Wonder™ Gun Cleaner** to remove any oil, grease, fingerprints, etc. Liberally re-apply **Blue Wonder™ Gun Cleaner** to the area with blood, and “*while the gel is on the surface of the metal*”, use a propane torch and heat the area until the gel is boiling. Keep the gel boiling until you see it turning reddish brown in areas, as it draws the blood residue out of the pores. Apply fresh gel to a green ScotchBrite™ abrasive pad and scrub the area well. Immediately wipe the area clean with a paper towel or cloth. Repeat this process if necessary to remove all blood residue. Wait until the area cools down to about 125°F – 130°F before applying **Blue Wonder™ Gun Blue**. Caution! The metal will be HOT and can cause burns! Do not overheat the area! Remove or protect wood, plastic or composite components from the heat!