



## GRIOT'S GARAGE WHEEL RESTORATION KIT

This WHEEL RESTORATION KIT will restore your alloy wheels to the color and luster that makes your wheels look factory-new. This paint is formulated to match original manufacturer colors from BMW, Audi and Mercedes-Benz. Over time, colors can fade. For a proper color match, we recommend painting all four wheels.

### OVERVIEW

To get the best results, all paint needs to be removed down to bare metal. If you don't have a bead-blasting machine, dismount the tires and take your wheels to a blasting shop. Ask them to use walnut shells or glass beads to remove all the old paint, rust and crud. **Do not** sand blast your wheels as this will create deep pits that cannot be filled with primer. Clean the wheels with PAINT PREP and rinse with water before application of the ZINC PRIMER. Tires that have had silicone tire dressing applied over the years will not allow proper paint adhesion to the metal and will most likely cause the paint to "fisheye" unless they are properly prepared. Wear gloves when handling the wheels because the natural oils from your skin will contaminate the surface to be painted. Make sure the wheel is completely dry before painting. Let each coat dry for 24 hours. If you don't, cracks may occur in the clear coat. The best way to paint wheels is to put them on our PNEUMATIC SIT-ON CREEPER (make sure you cover the seat with plastic first) and gently spin the wheel as you paint to create a uniform and run-free finish.



*Bead-blasting with walnut shells or glass beads will give you the best results and won't damage your wheels.*



### THE FIVE BASIC STEPS TO WHEEL RESTORATION

**1. Prepare the wheel.** Bead-blasting will give you the best results by starting with a fresh, clean surface. You can paint over the original surface, but the end result may be less than perfect.

**2. Clean with PAINT PREP** after bead-blasting and before applying the ZINC PRIMER. Use a clean brush and work it into corners and cavities. This will help ensure that the primer will stick to the wheel. PAINT PREP helps to remove grease and oils that can cause the "fish eye" effect from contamination. Make sure you rinse the wheel with clean water to remove the PAINT PREP. The wheel must be completely dry before painting.

**3. Prime with ZINC PRIMER** to protect and seal alloy or steel wheels. ZINC PRIMER also provides a porous surface for the paint to stick. This is especially important if you are refinishing over old wheel paint.

**4. Paint the wheel.** Many light coats are better than a few heavy coats. I like to apply one thin coat of SILVER WHEEL PAINT to start. This will help the following coats stick to the wheel without runs. Allow the paint plenty of time to dry, 24 hours at the very least. If it's humid outside, more time will be needed. If there are any problem areas, this is the time to take care of them. Runs can be sanded down and fresh paint applied for proper color blending.

**5. Clear Coat the wheel.** CLEAR LACQUER provides a glossy sealing shell that will help keep the color from fading and protect the paint. CLEAR LACQUER must be used over SILVER WHEEL PAINT. Many thin coats are better than a few heavy coats. **CAUTION:** Using too much CLEAR LACQUER may cause drips, runs or give the finish a yellowed effect. Too many clear coats can also crack over time.

### HELPFUL HINTS FOR WHEEL PAINTING

It's always best to paint your wheels in warm weather. The heat allows the paint to flow easily over the wheel and helps with adhesion because the pores of the metal are opened up. If you are painting your wheels in cooler temperatures, try warming up the wheel with a heater or heat lamp before spraying. After painting the wheel, set it back under the heater to help the paint cure. Don't over heat the wheel. This could cause the paint to blister. Temperatures of 75 to 80 degrees Fahrenheit are warm enough to properly dry the wheel paint. **CAUTION:** Never paint around heaters or open flames. Spray paint is flammable and can cause serious damage or injury. **ALWAYS** paint in well-ventilated areas.



*The easiest way to paint a wheel is to place it on a plastic-covered Pneumatic Sit-On Creeper and gently spin the wheel as you paint.*



*Use a clean brush to work PAINT PREP into corners.*



*Several thin coats of Wheel Paint & Clear Lacquer are better than a thick one.*



*You can help dry and cure the paint by using 75 to 80 degree heat.*

Many wheels have thin spokes, exposing the inner part of the wheel and brakes. Always paint the inside of the wheel first. This enhances the overall appearance of the wheel as well as keeping overspray from forming on the outside finish of the wheel.

Two to three days after the final coat of CLEAR LACQUER has dried, FINE HAND POLISH can be used to brighten up the wheel's glossy appearance. FINE HAND POLISH helps to smooth out rough spots or overspray that may have formed on the wheel's finish.

## **PRODUCT DETAILS**

### **11135 PAINT PREP**

PAINT PREP provides a perfectly clean, wax-free surface for painting. It is not as strong as 3M GENERAL PURPOSE AND ADHESIVE REMOVER, however, PAINT PREP does an excellent job of removing silicone and dried wax. PAINT PREP is safe for all clear coat and non-clear coat paint. Any time you are painting wheels, bumpers, etc. you should always use PAINT PREP to ensure you remove all silicone, grease and oils for proper paint adhesion and to eliminate the chance of "fish eye."

### **20225 ZINC PRIMER**

Temperature rating for maximum heat resistance is 930 degrees F (500 degrees C). ZINC PRIMER is an excellent primer for any type of topcoat paint. This is the best protection for bare metal. Rust will not inhabit a zinc-treated surface. May be used as a primer on a welded seam. You can weld over the top of a zinc-treated surface. ZINC PRIMER sticks to any metal and is waterproof within 15 minutes. The dark, cast iron gray color is 95% zinc and 5% epoxy resin. The quick-drying formula provides long term protection against corrosion and has a high resistance to salt water.

### **20229 SILVER WHEEL PAINT**

Use at room temperature (70 degrees). Prime wheel first using ZINC PRIMER. Shake can well for at least 2 minutes after agitation ball starts rattling. Spray 10-12" from surface in a sweeping motion. Apply several thin coats rather than one heavy coat. SILVER WHEEL PAINT is a flat color and will require a clear coat for gloss. Wait at least 24 hours before applying CLEAR LACQUER. If it is humid, wait 48 hours between coats.

### **20230 CLEAR LACQUER**

Our CLEAR LACQUER is non-yellowing and should always be used over SILVER WHEEL PAINT. This helps to prevent corrosion and provides a glossy finish. Curing time is 24 hours. Dry to the touch in a couple of hours. Apply several thin coats rather than one heavy coat.

## **DISCLAIMER**

GRIOT'S GARAGE is not responsible for any misuse of the WHEEL RESTORATION KIT for any injury or damage incurred to any person or object related to the WHEEL RESTORATION KIT.

## **ANSWERS TO YOUR QUESTIONS**

Should you want to order another WHEEL RESTORATION KIT or for a complete selection of quality GRIOT'S GARAGE products please write, call, or visit us online. Reorder item number for the WHEEL RESTORATION KIT is 11570.

*Have fun in your garage!\**

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