



METAL RESCUE® RUST REMOVER GEL RUST REMOVAL

# HOT TIPS

## SPOT RUST ON BICYCLES

### REMOVE RUST FROM:

- HANDLEBARS
- CHAINS
- TIRE RIMS
- COMPONENTS
- SPROCKETS
- BRAKE LEVERS
- FENDERS
- BIKE FRAMES
- BRAKE CABLES
- TIRE SPOKES
- PEDALS
- KICKSTANDS

### A STEP-BY-STEP OVERVIEW

METAL RESCUE® GEL IS YOUR ON-THE-SPOT RUST REMOVER! GEL IS FORMULATED TO CLING TO METAL, MAKING IT IDEAL FOR USE ON SPOT RUST, VERTICAL SURFACES OR RUST IN HARD-TO-REACH AREAS ON YOUR BICYCLE. UNLIKE OTHER GEL-BASED RUST REMOVERS, METAL RESCUE GEL IS NON-TOXIC, ENVIRONMENTALLY SAFE, AND EASY TO USE. THE STEP-BY-STEP INSTRUCTIONS AND TIPS FOR SUCCESS PROVIDED BELOW WILL HELP TO ENSURE THAT YOUR EXPERIENCE IN USING METAL RESCUE GEL IS AS CLEAN, SAFE AND EASY AS THE PRODUCT ITSELF.

### STEP 1: PREP

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For best results, remove any physical barrier such as dirt, grease, oil or loose rust that could interfere with direct contact between Metal Rescue GEL and the surface of the metal. While pre-cleaning is not required, it will improve GEL's speed and performance in removing rust.

GEL is temperature sensitive—the warmer it is (up to 150°F/65°C) the quicker it will remove rust. If temperature is below 68°F/20°C, GEL will not work or will take much longer to remove rust.

### STEP 2: PROJECT CONSIDERATIONS

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Metal Rescue GEL is safe on rubber, plastic, glass and chrome. GEL is also safe on the vast majority of paints and coatings with a few exceptions:

1. If a layer of rust has formed under the paint some of the paint coating will be lost as GEL removes the rust and therefore the paint on top of the rust.
2. Some paints and inks (typically red/orange), especially old paints, may use iron oxide pigment. GEL has been engineered to remove iron oxide in all forms, therefore it may dissolve the pigment in these types of paints.
3. Painted metal items with flaking or cracking surfaces or chipping/deteriorating paint or coatings may not be suited for rust removal--whether it is GEL or a different product--and may experience unexpected damage. If in doubt, test a small area prior to full application.
4. GEL will remove oxide coatings such as zinc phosphate, blueing, browning and other oxide finishes.

We strongly advise that **“when in doubt, test it out”** -- apply GEL to a small area and check results before proceeding will full application.



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ANY FURTHER QUESTIONS CONTACT US AT 1.800.365.1117 OR VISIT [WORKSHOPHERO.COM](http://WORKSHOPHERO.COM)

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# REMOVING RUST USING METAL RESCUE® GEL CONT.

## STEP 3: APPLYING METAL RESCUE GEL

Use gloves. Apply a 1/8" thick layer of Metal Rescue GEL (via brush, roller or wipe on) to rusted area on metal's surface. (1/8" is approximately the same thickness as two pennies stacked on top of each other.)

Do not allow GEL to dry – GEL must remain moist to remove rust. To keep GEL moist, use Metal Rescue's signature plastic wrap method:

- Tear one sheet of household plastic wrap from roll. Sheet should be slightly larger than GEL application area.
- Lay sheet of wrap over surface of GEL, making sure that entire application area is covered.
- Ensure edges of wrap are secure to protect GEL from exposure to airflow that could cause drying.

GEL will darken in color as rust is removed. Check periodically and reapply wrap if more process time is needed. Process time is dependent on severity of rust:

Light rust up to 2 hours

Moderate rust up to 12 hours

Heavy rust up to 24 hours

## STEP 4: REMOVE & PROTECT

Once desired results are achieved, rinse or wipe off Metal Rescue GEL completely. Result is clean, bare metal ready for use or additional processing. If stubborn rust remains, repeat application process. To protect from new rust, use Dry Coat™ Rust Preventative spray.



## HANDLEBARS



Before

After



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