A STEP-BY-STEP OVERVIEW

Metal Rescue® Rust Remover Bath is a clean, safe and easy process for the removal of rust from the inside of your motorcycle gas tank. When used as directed, Metal Rescue will remove rust without harming the vast majority of paint coatings (See step 3 for paint details) or other dissimilar materials in your motorcycle gas tank. We offer these step-by-step instructions to help ensure that your experience in using Metal Rescue is as clean, safe and easy as the product itself.

STEP 1: REMOVE TANK
Remove tank from your motorcycle leaving all valves, petcocks and tank caps in place. Make sure all areas of tank are sealed to prevent loss of Metal Rescue bath.

STEP 2: PREP TANK
Metal Rescue is not an acid so it is important to remove any barrier between Metal Rescue and rust. Before using Metal Rescue, completely clean the inside of tank to remove:
- Gas
- Oil
- Varnish
- Loose/Flakey Rust
- Old Tank Liner

STEP 3: PROJECT CONSIDERATIONS
Metal Rescue is safe on chrome, rubber, seals, gaskets or O-rings in or on your fuel tank. It is also safe on the vast majority of paints but special consideration should be given if paint is of concern. Paint that is old/brittle/flaking; contains iron oxide pigment; or has a layer of rust that has formed underneath the paint may be damaged. When in doubt, test it out – test a small area prior to full submersion.

STEP 4: WASH TANK
To achieve maximum results from Metal Rescue, clean the interior of the motorcycle tank with hot soapy water and rinse thoroughly. The use of a pressurized wash/rinse (such as those provided at a coin car wash) will also assist in dislodging and removing any rust/residue from the tank. If motorcycle tank contains old gas/varnish (detectable by a strong odor), pre-clean tank using a degreaser product (or Dawn dishwashing liquid). Cleaning the tank in this way will also be helpful in removing any “gunk” (i.e. oils, greases, foreign materials) that may limit Metal Rescue’s ability to get to the surface of the metal.
Any foreign agents (such as cleaning products) that mix with Metal Rescue will dilute and degrade its ability to remove rust effectively. It is important to remove any of these agents before adding Metal Rescue to the tank.

STEP 5: ADD METAL RESCUE
For optimal results, we recommend a quantity of Metal Rescue that is large enough to fill the gas tank to its entirety. This will net the quickest, most time efficient and comprehensive results. Pour Metal Rescue into the gas tank and allow to soak for up to 24-48 hours (dependent on how heavy the rust is). Metal Rescue will darken in color as an indicator of performance. Note: See step 6 ATTENTION TO TEMPERATURE.
An alternate method is to use enough Metal Rescue to fill half of the tank. Pour Metal Rescue into the gas tank and rotate it on one side to soak for up to 24-48 hours (dependent on how heavy the rust is). Rotate to the other side, allowing it to soak for the same length of time. It may also be necessary to rotate the tank right side up and upside down, allowing the proper amount of soak time with each rotation. Metal Rescue will darken in color as an indicator of performance.

STEP 6: ATTENTION TO TEMPERATURE
The temperature of your Metal Rescue bath is very important – the warmer Metal Rescue is (up to 150°F), the quicker it will remove rust. When working with your gas tank, make sure that the temperature of the Metal Rescue is a minimum 68° or above. Keep in mind, that if room temperature is 68°, the temperature of Metal Rescue liquid will likely be a few degrees cooler. Similarly, if the gas tank has been sitting in an outdoor garage or workshop, it is possible that the metal tank will be cold and could cause the temperature of the Metal Rescue to drop.
STEP 7: REMOVAL OF METAL RESCUE
When the rust removal process is complete, drain Metal Rescue from tank. Pour used product into a plastic storage container (using a filter such as cheese cloth or paint filter to skim any rust flakes/sediment), cap it and save for future use. (Note: keep used and fresh Metal Rescue separate). Metal Rescue has a shelf life of one year after having been opened.
Add several ounces of gasoline to the gas tank to remove any remaining Metal Rescue moisture/residue. Drain few ounces of gas and fill tank with fresh gasoline for use. Note: If you are planning to store the tank for a period of time after rust removal, proceed to step 8 for details on rust prevention during storage.

STEP 8: EXTENDED RUST PROTECTION WITH DRY COAT™ RUST PREVENTATIVE
If you are not planning to use your gas tank immediately, follow step 7 on the removal of Metal Rescue. Once Metal Rescue has been drained, you will want to remove any debris (rust particles, etc.) while minimizing the risk of ash rust. Thoroughly dry the inside of the tank with an air compressor and/or hair dryer.
Follow up with Dry Coat Rust Preventative spray – it is water-based, designed exclusively for indoor storage, and offers up to one year of protection. Dry Coat can be applied in two ways – choose which option will allow you to most effectively coat the inside of the tank.
1. Spray Dry Coat on inside surface areas of tank.
2. Pour approximately 4-8 ounces of Dry Coat into fuel tank and use it as a "rinse," making sure all areas of the interior of the tank are coated. Thoroughly dry the inside of the tank. Before adding gasoline to the tank, rinse tank with enough gasoline to properly remove any Dry Coat™ residue. Drain gasoline and fill tank with fresh gasoline for use.

TANK LINER/TANK SEALER
Tank Liner/Tank Sealer The application of a tank liner or tank sealer is recommended only as a last resort. If there are pin holes or holes exposed in the fuel tank, we suggest welding or brazing them from the outside. In our opinion, the use of a tank sealer/liner inside the tank is a "gamble." With all of the variances in gasoline and additives on the market these days, tank liners have not been fully tested as to how they will respond or interact with each. If the liner/sealer breaks down, it is very difficult to remove.

YAMAHA GAS TANK
Yamaha GT tank cut in half for easier viewing. Note only rust is removed, not paint or even decals.

CUT-AWAY GAS TANK
Cut away of half-desrusted Honda gas tank. A close-up view after soaking half of tank in Metal Rescue® Rust Remover Bath.