

# Ultrasonic Cleaning of Rusted Metals

<https://www.bjultrasonic.com/>

It is generally known that [ultrasonic cleaners](#) can remove rust, paint and oil from metal surfaces. Want to know more details? How to remove dust with an ultrasonic cleaner?

1. Pour water into the ultrasonic cleaner tank. Remove the inner parts basket.
  2. Apply suitable cleaning solution to the water. Different material needs different solution.
  3. Run the ultrasonic cleaner for 10 minutes, allowing the solution to distribute evenly.
  4. Get a rusty object. It can be any metal object that has rust on it. And, it is small enough to fit inside the ultrasonic cleaner.
  5. If the parts are delicate, use a cloth or a wire brush for stronger parts to remove any loose rust. This will increase the effectiveness of the ultrasonic cleaner.
  6. Put the part or parts to be cleaned in the basket. Please note that some rubber or plastic gaskets or wiring may be damaged by the cleaning solution. Remove anything that is not compatible if possible.
  7. Soak the basket in the ultrasonic cleaner for at least 30 minutes. When ultrasonic waves cause minute jets of water to break against the surface and release the rust, you will see bubbles forming around the parts. The water will become dirty depending on how rusty and the number of parts immersed.
  8. Lift basket from the cleaner. Rinse the parts to remove any cleaning solution.
  9. For Heavily rusted parts which still have small parts of rust clinging to them, you can try to remove these manually or run them through another cleaning cycle with fresh solution.
  10. Before disposing the waste water, you should see your state and local regulations for waste disposal, and neutralize the cleaning solution.
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