

Your suction cup will not last long if you do not remove the water from it after each use.

The metal parts in the release mechanism will rust out rendering the tool unusable. Please lift up on the release trigger and shake the tool or blow into it to remove the water build-up; and read the instructions inside this box.

The release mechanism is located underneath the hexagon shaped nut that attaches the release mechanism to the cup and the handle. The release mechanism actually fits inside the hollow portion of the male fitting that is molded into the suction cup. The release mechanism is what plugs up a little hole in the suction cup so that it will seal and create a vacuum which allows it to suck. When the mechanism is lifted up with the “trigger bar” for a single suction cup or the “release bar” for the double suction cup, air gets inside the cup, the vacuum seal is broken and the cup stops sticking.

The hex nut itself, the bolt, the rubber seal that screws onto the bolt, and the metal spring, can all rust if you don't remove the water after use. Also, the inside of the hollow metal fitting that is molded into the suction cup can rust and corrode. Build-up of soap in the release assembly causes problems as well.

The rust and corrosion inhibit the rubber seal from fully sealing off the hole in the suction cup. This causes air to flow through the suction cup, meaning the suction cup will not stick. Be sure to remove water from the handles of the suction cups and the release triggers.

The simple solution is for the user to keep his tool clean and dry, and properly stored. Just as the user takes care to keep his safety tools working properly, so too must he take care of his suction cups or they won't work.

Every suction cup tool that we sell to window washers comes with a safety guideline inside the box. That safety guideline has a section specifically for window washers and I have attached a copy, but I will show you what it says:

- Especially for Window Washers: Repeated exposure to water and washing solutions will eventually corrode the inside chamber of the vacuum cup and the small parts inside that make up the release assembly. This will cause the rubber seal to start leaking and the tool will not hold. We recommend the following maintenance to help make the tool work optimally:
- If a washing solution is used, thoroughly rinse the tool with clean water after use.
- Dry the tool after using it and keep it dry between uses. If possible, lift on the release trigger and apply filtered compressed air into the vent hole at the top of the hex nut to force trapped water out of the chamber of the vacuum cup.
- When the tool is dry, occasionally apply a very small amount of rust preventative oil (like WD-40) to the inside chamber of the vacuum cup by directing the spray into the vent hole at the top of each hex nut. Caution: Excess oil may run out the vent hole on the face of the vacuum cup when you next pull the release trigger, so remove this oil with a soft absorbent cloth before using the tool.
- If rust becomes a persistent problem with your hand tool, consider purchasing it with a vacuum cup that is molded with a stainless steel threaded fitting. Ask your dealer for more details.

Simply lift up on the release trigger at the end of the day and shake out or blow out the excess water that gets trapped inside. Blow it out yourself, shake the suction cup or take canned air and blow it out in about 4 seconds.

All of our metal parts receive a heavy zinc plating to inhibit rust; but if water just sits on metal parts all of the time, the parts will eventually rust.

Because of the rust issue in the window washing industry, several years ago, All-Vac Industries started making the hollow male fittings that are molded into the vacuum cups out of stainless steel. Having a stainless steel fitting helps to slow down the rusting process on the metal spring and other component parts. The stainless steel tools are a bit more expensive because making the parts in stainless steel is very expensive. But in the long run, it may be less expensive if you don't have to replace them as often.