



Wafer Popper Pliers / WP045

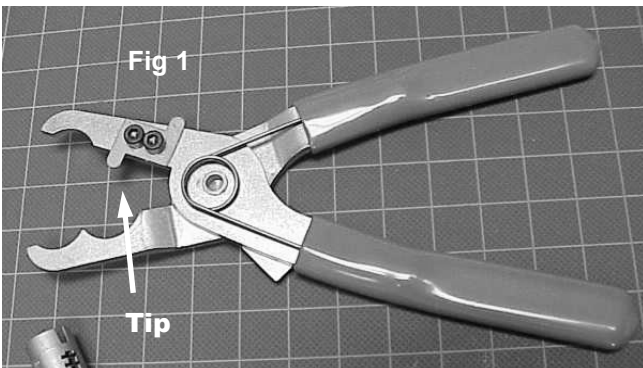
Click, Click, Click it's just That Quick!

The 'Wafer Popper' tool is made sturdy, but the wafers that you are removing are very thin brass. These are not made to receive blunt force from a hammer and screwdriver. Like any tool being used on small parts, if you have to use excess force, there may be more wrong than you think.

First and foremost: **The tips on the tool will bend.** The majority of the time it is caused from misuse, corrosion within the lock or improper alignment of the wafer, tip or tool.

Figure 1 Looking at figure 1, this is the "tooth" or working part of the tool. This tooth is made of stainless steel and is fairly strong for its thickness. If you misalign the tooth while squeezing the handle you could bend it,

After you have disassembled the lock and have the lock core in your hands, you will see that the core has from several to many wafers that are peened in the lock and not easily removed. This peening is a small portion of the lock's core material that has been squeezed into the wafer cavity to keep the wafers from falling out. The factory does this to hold all the wafers in place while storing and handling the locks. This may be convenient for them but cause a problem for the locksmith. We, as locksmiths, still remove them the old way, by turning the lock core upside down and tapping on the wafer with a screwdriver and hammer. This process will damage the wafers and lock core. The screwdriver can go too deep and crush or smash the lock. Keep in mind that if the core gets crushed, even a slight amount, the wafer will not slide within the cavity causing the lock not to work. This makes the lock



WAFER POPPER

unusable and very costly.

In **Figure 2**, the tooth of the tool is pushing the wafer through the lock. This tooth is rounded and when contact is made with bottom part of the wafer it is pushed out smoothly.

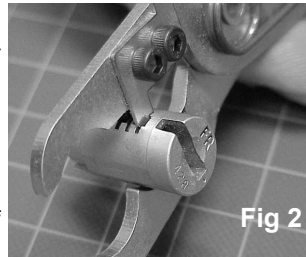
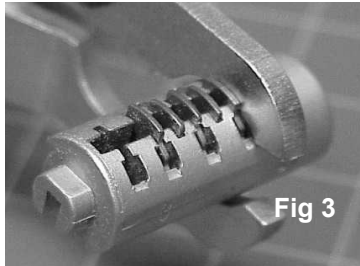


Figure 3. There is enough offset space between the tooth and the seat (opposite side of the pliers) that the wafer has plenty of clearance. Keep in mind that you will need to keep the tool perpendicular to the lock to avoid any contact of the wafer with the opposite side of the pliers. Figure 3 shows how the top part of the wafer misses the seat portion of the pliers, as well as the direction of removal.



With the spring back in place slide the wafer into the slot. Use the tip of the pliers push the wafer back into the core. The wafer should pop back in.

When removing the wafer you will be relieving pressure from the wafer spring. Watch the tool as it pushes the wafer out. Keep in mind that once the wafer moves past the peening, the wafer and the spring will fall out of the lock core. So, be careful not to lose any of those hard-to-find springs or wafers. Installing the wafer after you have removed it is very simple.

Made in the U.S.A.

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In that Gator Tools has no control over the final end use, no liability shall be assumed nor accepted for any damage resulting from use of tool(s) by the user. By the act of using the tool(s), the user accepts all resulting liability. If the user is not prepared to accept the liability associated with the use of this product, the buyer/user is advised to return this tool immediately in new and unused condition.

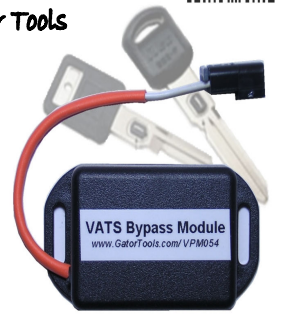


Vats Bypass Module by Gator Tools



The Vats Bypass Module will do all 15 vats values, by the number. It easily plugs into the OEM wiring harness within minutes, without any steering column teardown or airbag removal.

The idea is to get the correct vats value from the key, set the Vats module to the correct number, plug it in, zip tie it, then start the car.



Vats Bypass Module # VBM 054

Face Cap Pliers by Gator Tools

Face Cap Pliers # WP 042

The Face Cap Tool will remove and reinstall automotive facecaps. This can be done with speed and in a manner that you can re-use the same face cap that you removed.



Mortise Wrench by Gator Tools

- Easily unscrew the toughest stubborn mortise locks with this tool.
- Won't scratch the painted surfaces, glass or aluminum storefront door exteriors.
- Works on dummy cylinders, thumb-turn and regular mortise lock, with ease.
- Ever need to turn the mortise lock just a smidgen, then break the key off... this tool will do that job with simplicity.

Mortise Wrench # MW 053



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