



Face Cap Pliers / FCP042c

The Gator Tools Co., Face Cap Tool #FCP042c is made to meet the tough requirements of the automotive locksmith. This tool will remove and reinstall automotive facecaps, as with any tools if you don't take time to learn how it functions, you could damage the facecap your working on.

Facecap Removal Process

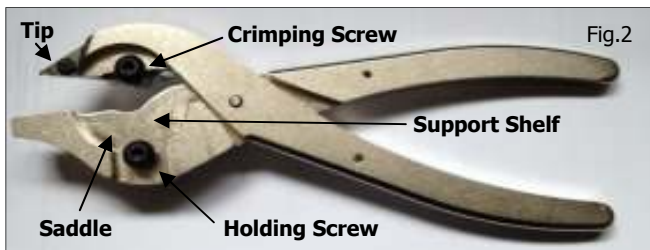
The removal process is done with the tip and saddle portion of the tool. The tip grabs the inside lip of the back of the facecap. The saddle is placed on the side, has the handle is squeezed the metal of the facecap is lifted up and becomes open. The amount of material that is pulled away from the edge is equal to the thickness of the tip (about 1/8"). Remember that while removing the facecap you must make small bites that overlap the previous bite. This give a smoother cap for reinstallation. Many times you will need to put downward pressure to get the first bite or two.

If you pull to hard or lift the metal of the face cap too fast damage may be your end results.

"Be careful when you first start"

After making your first small lift of the metal, you should slide the tool over a small amount (1/16" or half the width of the tip) so that your next un-crimp will be on half the lifted part and half the non-lifted part, then squeeze the handle again. What should be happening is, you move the tool, squeeze the handle, then move the tool and squeeze the handle. You will repeat this step of squeezing the tool together and moving over many times. This process should be done until you have completely gone around the facecap. Once you have gone completely around the entire facecap, you should be able to remove the facecap easily.

If this is not the case do a quick "Once around again" this will lift the metal just a little more to give you the extra relief that is needed to remove the cap. Once the cap has been removed you



can easily work on the lock. This may seem as if it would be a very time consuming process but it's not. Once you have learned how to use this tool, You will be able to remove a facecap in a couple of minutes. If done correctly, you can reinstall that same facecap back on to the same lock.

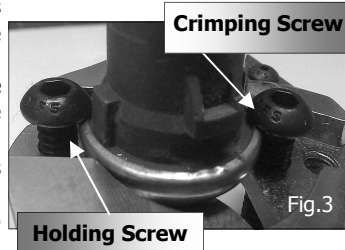
Re-installing the facecap

Before you start to install the facecap you just removed, be sure that all the parts of the lock are in the correct place and all repairs and keying is complete.

Adjusting the tool is very important, time should be taken in this process. There are many different sizes, styles and kinds of facecaps and this tool will do most of them with the proper adjustments.

Parts of the tool you should become familiar with.

- **Holding Screw** - This screw catches the edge of the lock and facecap, it holds the lock in place when re-crimping the facecap.
- **Crimping Screw** - This screw does the bending of the facecap back onto the lock.
- **Support Shelf** - This part supports the facecap when doing the crimping process.



Adjustment of the "Holding Screw" is done first. To accomplish this properly, you will set the complete lock onto the support shelf with the facecap touching the holding screw. This holding screw is a screw that can be turned counter clockwise to raise or clockwise to lower. You must adjust the screw (holding screw) so that the lock rests flat on the support shelf, against and under the screw

Important: If this is not properly adjusted, you could damage the facecap permanently, "Be Careful !!"

Adjusting the "Crimping Screw" is accomplished in the same manner as above. The crimping edge must be slightly lower than the edge of the facecap. When this is adjusted correctly, the action of the tool will be rolling the metal.



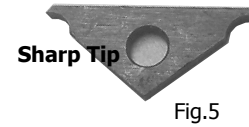
After you have adjusted the two screws, make sure the lock is in the proper position. The lock should be against and under the holding screw. The crimping screw will be slightly lower than the edge of the facecap, Put slight pressure on the tool by squeezing together the handles. This action will roll the metal over a small portion at a time. You should continue this

all the way around the facecap.

After you have gone half way around the facecap, you may need to re-adjust the holding screw and/or crimping screw to give a snug fit. This is because the rolling of the metal back into the correct place has caused the screw to become mis-adjusted. If you do not get a tight fit, you may adjust one or both screws down a little bit more, and repeat the process if you feel you want a very tight fit or if the tool didn't give you the correct crimp the first time.

Double sided tip

The tool comes with a tip that can be reversed if for some reason your gets broken or damaged. Just undo the screw and flip around the tip.



Sharp Tip

Fig.5

Wafer Popper by Gator Tools

The Wafer Popper's main function is to make the removal process, a one handed operation and remove stubborn or panned wafers in a professional manner, all done with ease.

Plus it is fast...

Click, click, click... it's just that quick!

Wafer Popper # WP 045



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 # VBM054

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 # MW053b



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