# Volkswagen Cabriolet DIY Guide Removing Door Handles \& Repairing Door Locks 

This how-to was originally posted on VWvortex.com by "scirocco*joe": http://forums.vwvortex.com/zerothread?id=3496179 .

## Tools needed:

- Phillips screwdriver
- Thin flathead screwdriver
- Pick, or pair of tweezers
- Lightweight lubricant
- Common sense

So, perhaps you're the second, third, seventh, or eleventy-billionth owner of that sweet, sweet [Cabriolet] that sits in front of you. It may not even drive yet. That's ok. Mayhaps one of the prior owners swapped the keys in one or more of the door handles. Perhaps you paid a locksmith to replace your ignition switch. Or, perhaps some local hooligans used a modified key (screwdriver) to gain access to your car, somewhat like this:


Regardless of how you got here, you have keys that don't match, and you'd like to have a one-key system. Well, today is your lucky day!

First of all, if you're just swapping the lock cylinder from one door handle to another, this is going to be an easy job. If you're re-keying a cylinder, you'll need to do some more work.

So, we'll start where we always start - at the beginning!
Step 1

| Step 1 | Step 2 | Step 3 |
| :---: | :---: | :---: |
| So, you've got this door handle in your hand. Go ahead and pull the lever. Watch how it actuates the lever and pushes it downward. If you have a key that works, take a look at how that moves the locking mechanism in the back of the handle. <br> It is always a good idea to get a nice feel for a working mechanism before you go ahead and take it apart. Otherwise, you might not have as much luck getting it to work again. | Now, behind the lock cylinder, you're going to see the lever with two paddles. This is the lever that locks and unlocks your door. <br> In its resting state, one paddle points towards the rear of the car, level with the ground. The other paddle points at about a $45^{\circ}$ angle down and towards the rear. You are now going to remove that paddle. | Place the handle with the mechanism face up and use a Phillips head screwdriver to remove the screw holding the paddles onto the rear of the lock cylinder. |
| Step 4 | Step 5 | Step 6 |
| Do pay attention to the fact that there is a loaded spring behind the paddles. It might jump out at you when you remove the screw, so don't let it get away from you. You're going to need it. <br> Here you can see the spring behind the paddles. This is not where the spring should be positioned when reinstalling. Take the spring off and set it somewhere safe. | Now, see that little box cut that surrounds the hole where the Philips screw came out of? That is the end of the lock cylinder that we will now remove. Put the handle on its side and push that box towards you to slide the cylinder out of the handle. | Here she comes! |
| Step 7 |  |  |
|  | Now, you can carefully admire the beauty and complexity of the lock cylinder mechanism. <br> It's really not that hard to figure out how it works. <br> Neat, huh? <br> Now, if you look closely, you'll notice a couple of things. First of all, there is a square notched at the top of the rear of the cylinder. This lets you know that the cylinder is face up. It will only fit into the handle that way. If you put it in upside down, it will not fit in flush with the outside face of the handle. <br> Also, you may (or may not) see a round black seal towards the outside of the cylinder. <br> This seals the internals from getting filthy with outside dirt and crap. This is a new cylinder, so it is still there, but chances are your older one is either broken, severely worn, or totally gone. |  |

$\left.\begin{array}{|l|l|l|l|l|}\hline \text { Step } 8 & & \begin{array}{c}\text { See how it has five little brass tabs on } \\ \text { the left and two little brass tabs on the } \\ \text { right sides of the cylinder? Those fit into } \\ \text { the channels on both sides of the handle. } \\ \text { There are small springs the force the } \\ \text { tabs away from the center of the }\end{array} \\ \text { cylinder. So, without any help, they are } \\ \text { forced outwards against the walls of the } \\ \text { channel. The brass tabs are the tumblers } \\ \text { that need to line up in order for the } \\ \text { cylinder to rotate and your door to open. }\end{array}\right\}$
Step 12


You'll put them in one at a time, same order you took them out in. When you replace them, make sure you add a little lightweight lubricant to allow for a long and useful life! The better lubricated the tumblers are, the longer the parts will last and the easier they will turn and unlock your doors! Plus, if the lubricant is coating the metal, there will be less of a chance of moisture taking up the space and freezing your lock in the winter. At least, that would be the case for those of us in the northern climes.

Also, when you press the tumblers in, push lightly to ensure that they spring back easily. Their resting position should be the same as when you took them out, sticking slightly outward as before.


Now we're ready to replace the spring. The spring forces the lock cylinder back
to center whenever you lock or unlock The spring forces the lock cylinder back
to center whenever you lock or unlock the car. You feel it every time and it keeps the cylinder opening level with the ground when the handle is mounted in the car. So, this is where we are at.


Ok, you're almost finished. Make sure that when your key is inserted, all of the tabs are flush against the cylinder. You might as well be sure.

In my case, the first tab had worn so much that it left a little bit sticking out and wouldn't allow the cylinder to turn. The old handle had a little groove in it from use, but the new handle was unforgiving. Since I knew the two keys I had were the same for tabs 1,2 and 3, I just grabbed the new number 1 tab and used that instead of the old number 1 tab. Good as new.

Now, you're going to take the lock return spring and sit it on top of the square at the back of the lock cylinder. You'll put the spring so that one bend is against the tab like this.

....and slid the handle down onto it like this.


Now, I sat the cylinder pointing upwards like this...
$\qquad$


| Step 30 |
| :--- |
| Alright, slip the rear in first, then the <br> front, and slide the handle towards <br> the rear of the car to lock in place. |
| Install and tighten the front screw and <br> then the rear at the back side of the <br> door. |

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[^0]:    *     * Remember, you are responsible for working on your car; Cabby-Info.com, "scirocco*jim", VWvortex.com, VAG, VWoA, or anyone else are not responsible if anything goes wrong while you are working on, in and under your car! Use this information at your own risk!* *

