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TOP CLASSIC PARTS LLC



How to replace Mercedes- Benz R129 and W124 Convertible Domelight Assemblies

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Let us start with our Project

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The first step is to take the rear view mirror off the Domelight

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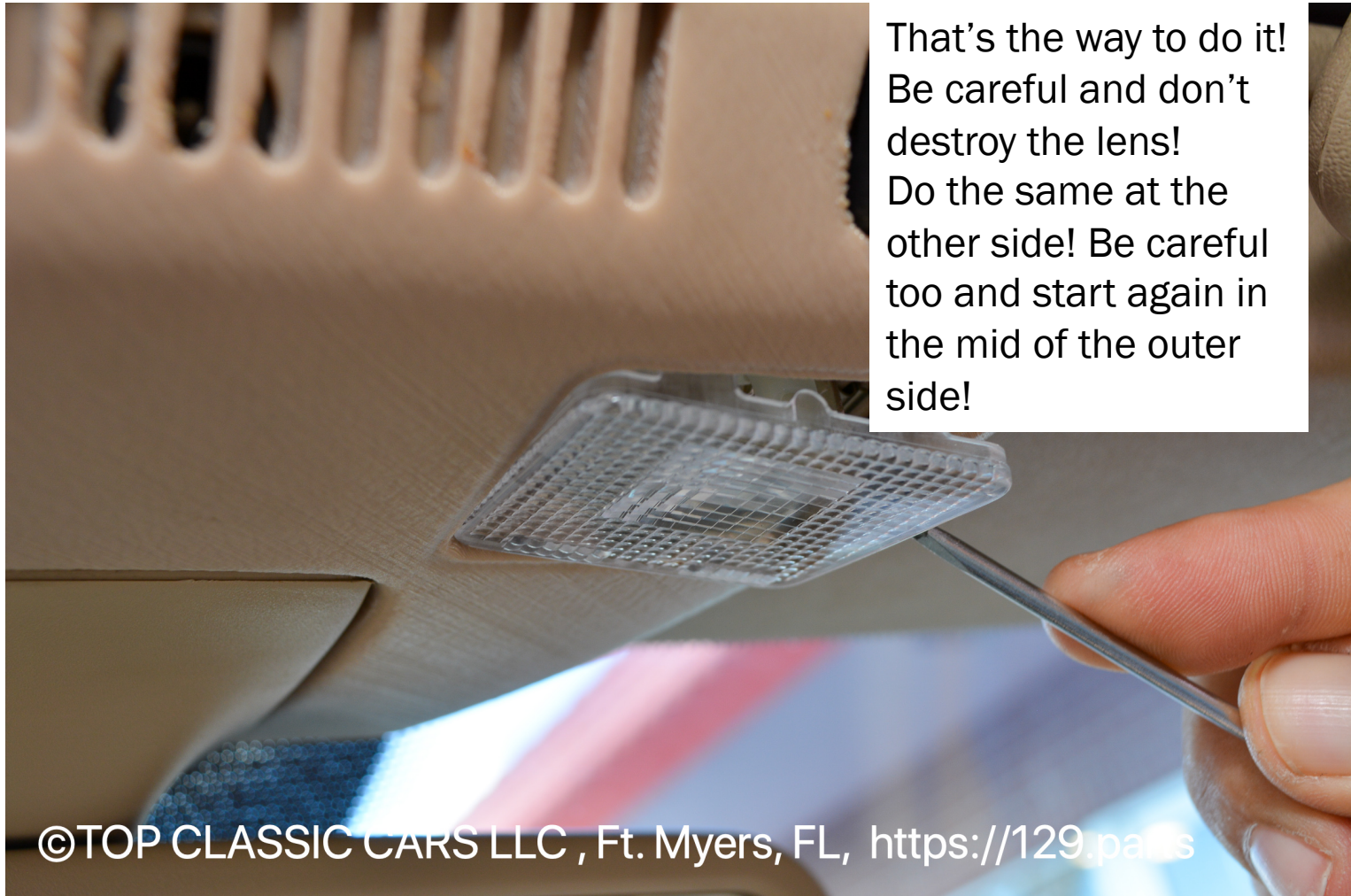
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Take off at first very carefully the Lenses from the Domelight, with the smallest screwdriver you can find! Start in the mid of the outer side!

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That's the way to do it!
Be careful and don't
destroy the lens!
Do the same at the
other side! Be careful
too and start again in
the mid of the outer
side!

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Hold the mirror with your both hands, like we demonstrate here, and pull it gently down. The mirror is connected to the Domelight with a spring construction. No tool is needed!



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It was a little hard to do! The spring is tight! In the next step we disconnect the wires!



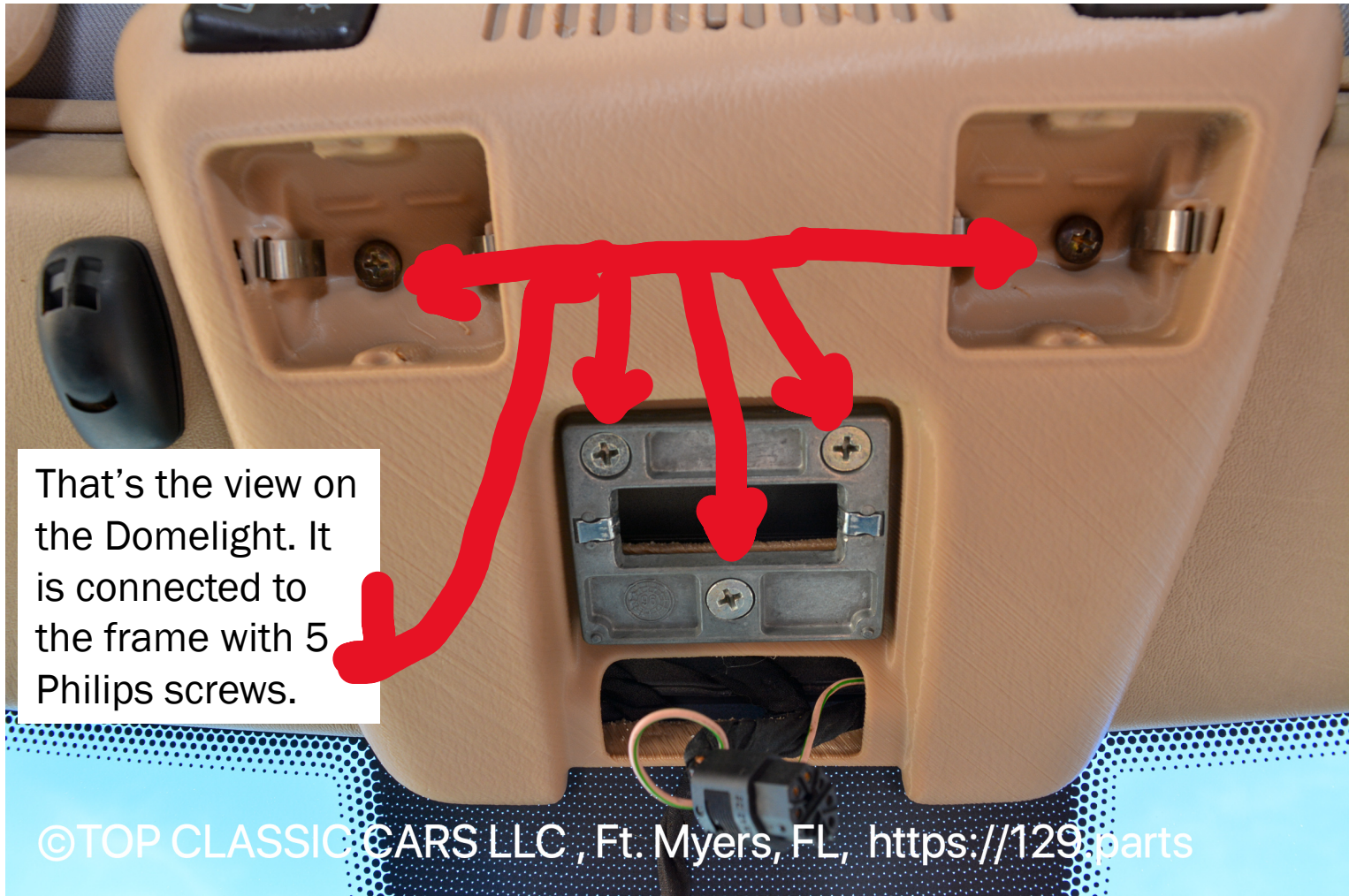
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That's the view on the Domelight. It is connected to the frame with 5 Philips screws.

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Unscrew them all, to get the
Domelight off.



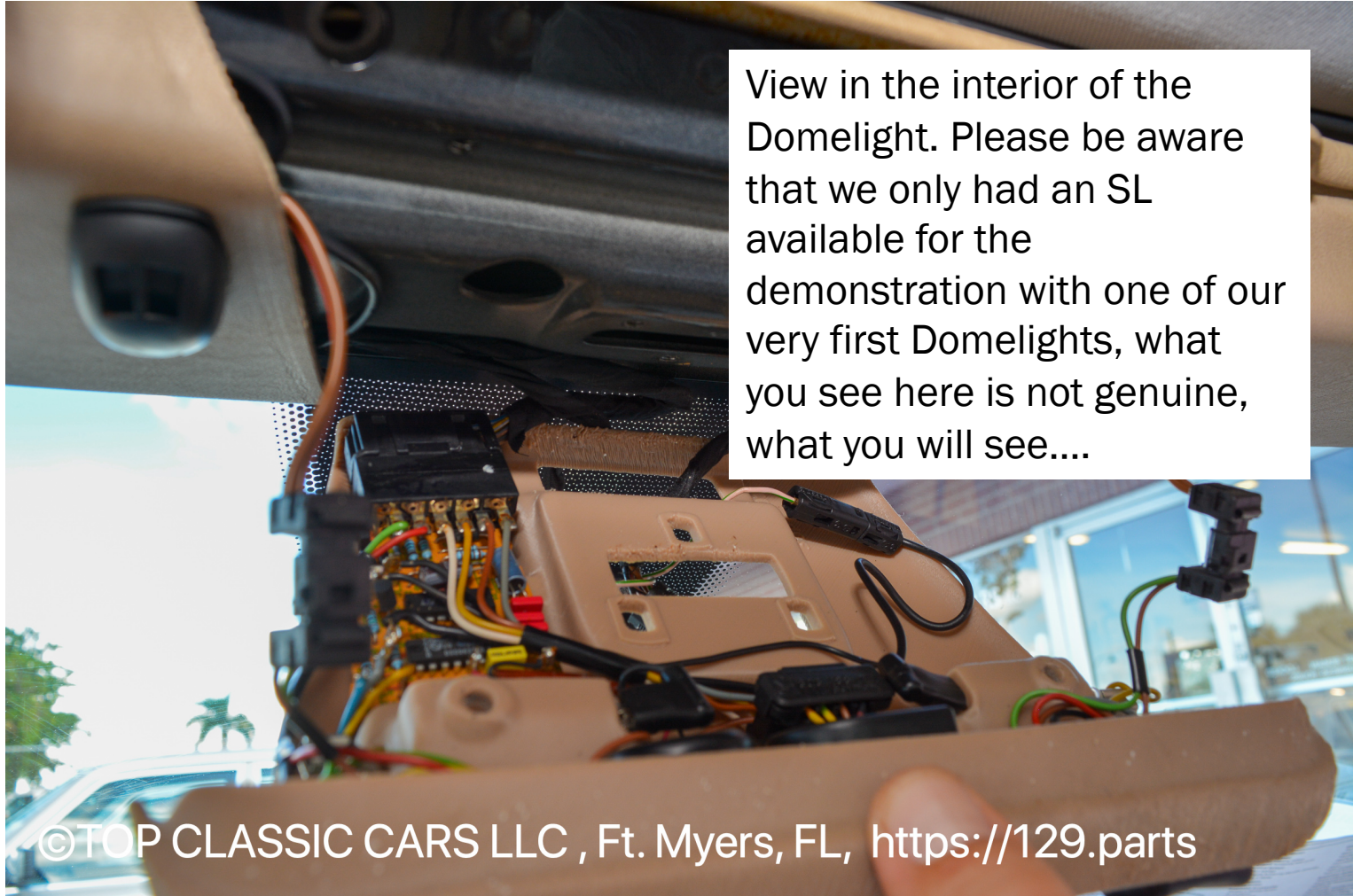
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Take the metal plate off, and put it together with the 5 screws in a container! We need them for the last steps again ;o)

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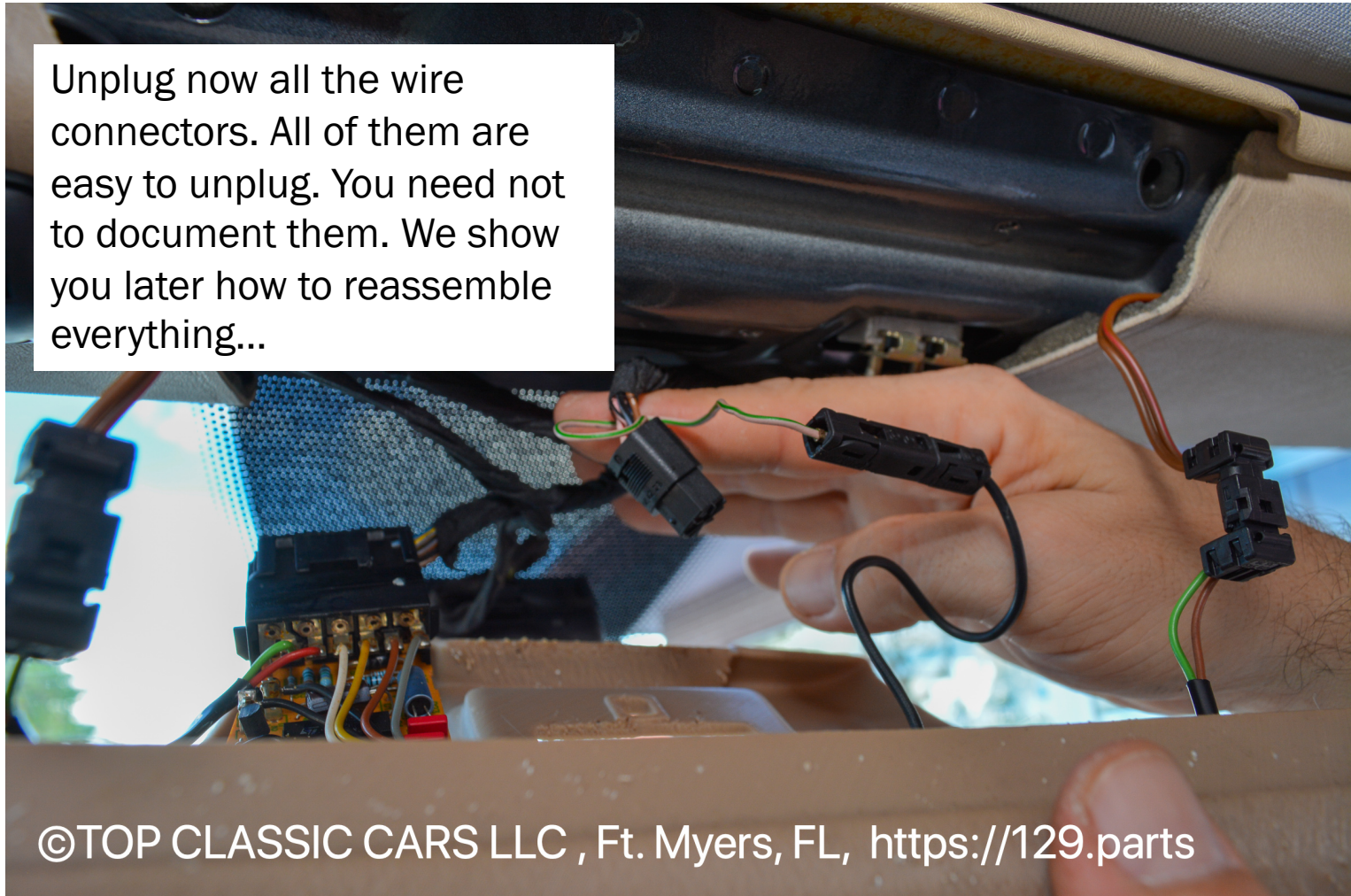
View in the interior of the Domelight. Please be aware that we only had an SL available for the demonstration with one of our very first Domelights, what you see here is not genuine, what you will see....

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Unplug now all the wire connectors. All of them are easy to unplug. You need not to document them. We show you later how to reassemble everything...



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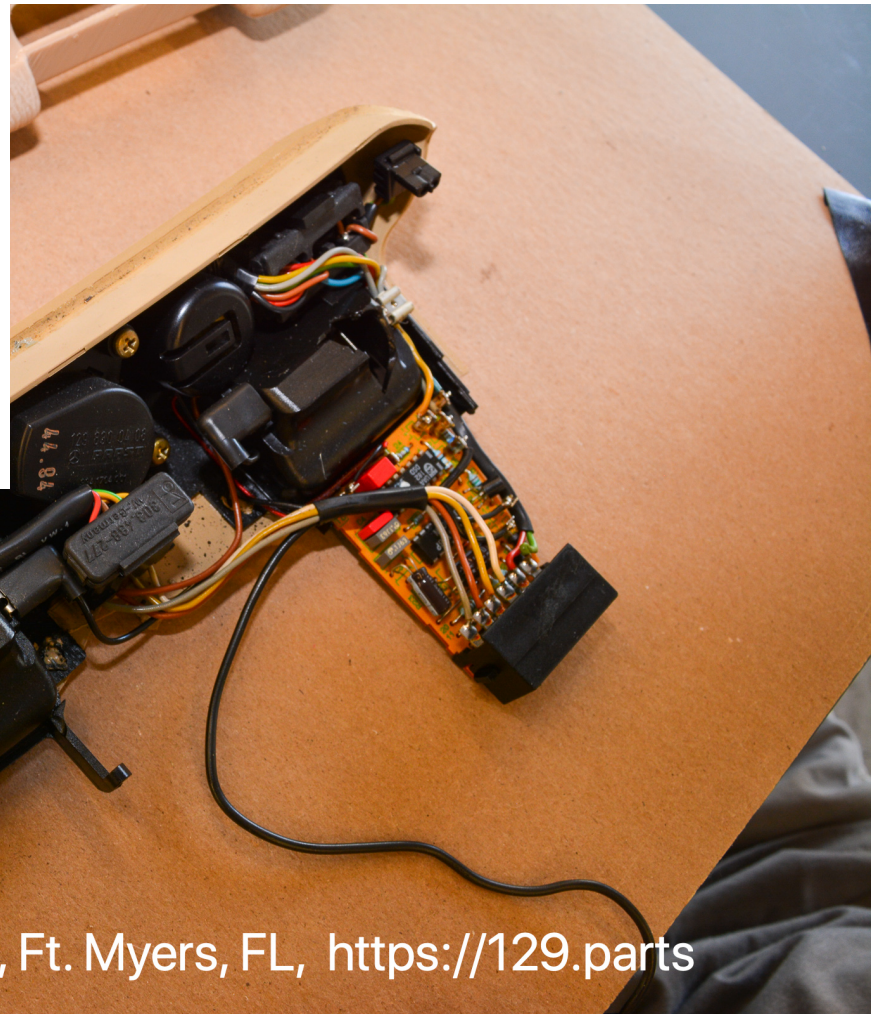


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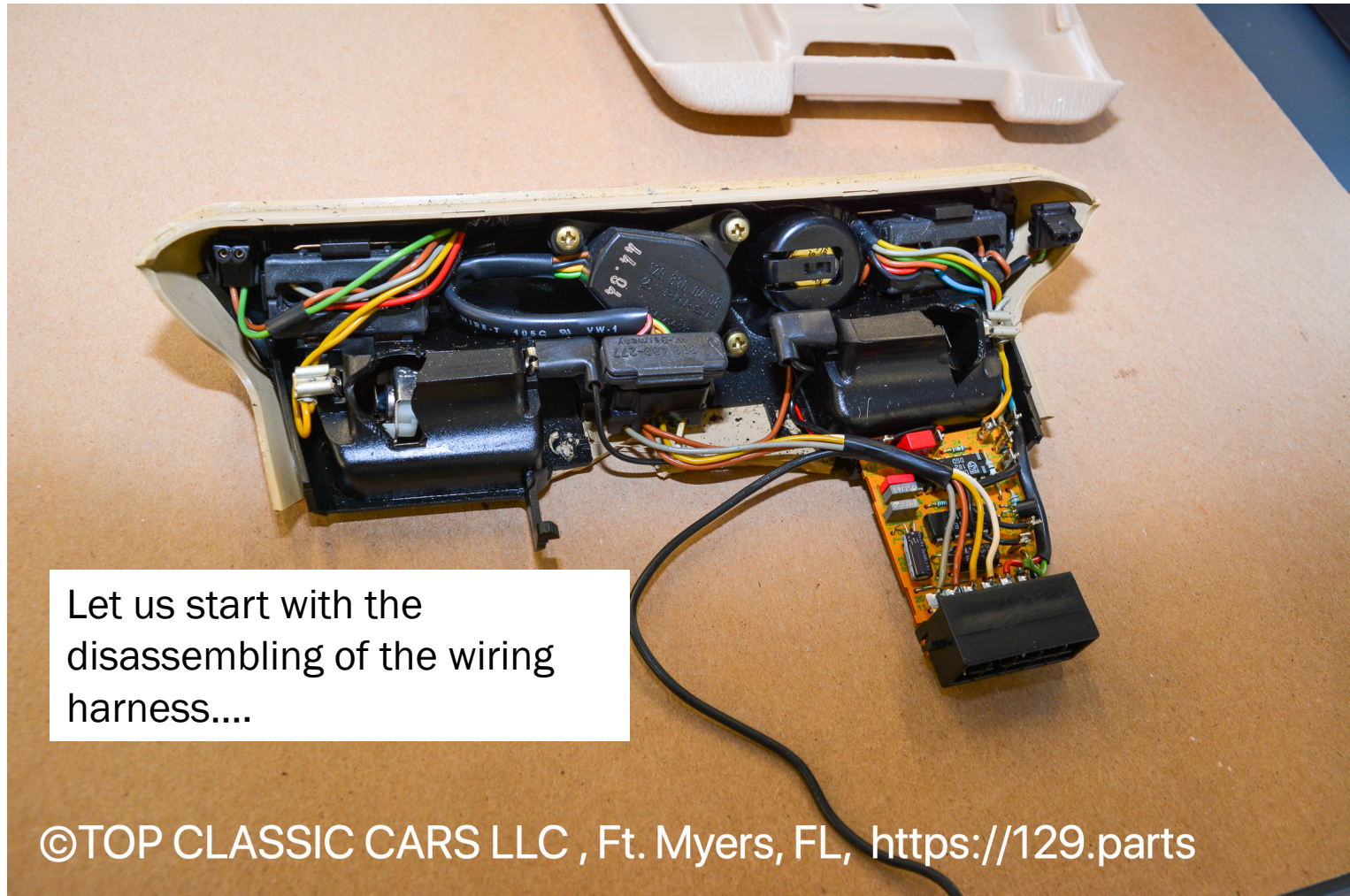


That's now an example, that should look like your broken genuine part. We show you now how to take the wireset off in several steps...
You don't have to make an effort not to break the old domelight any further now ;o))



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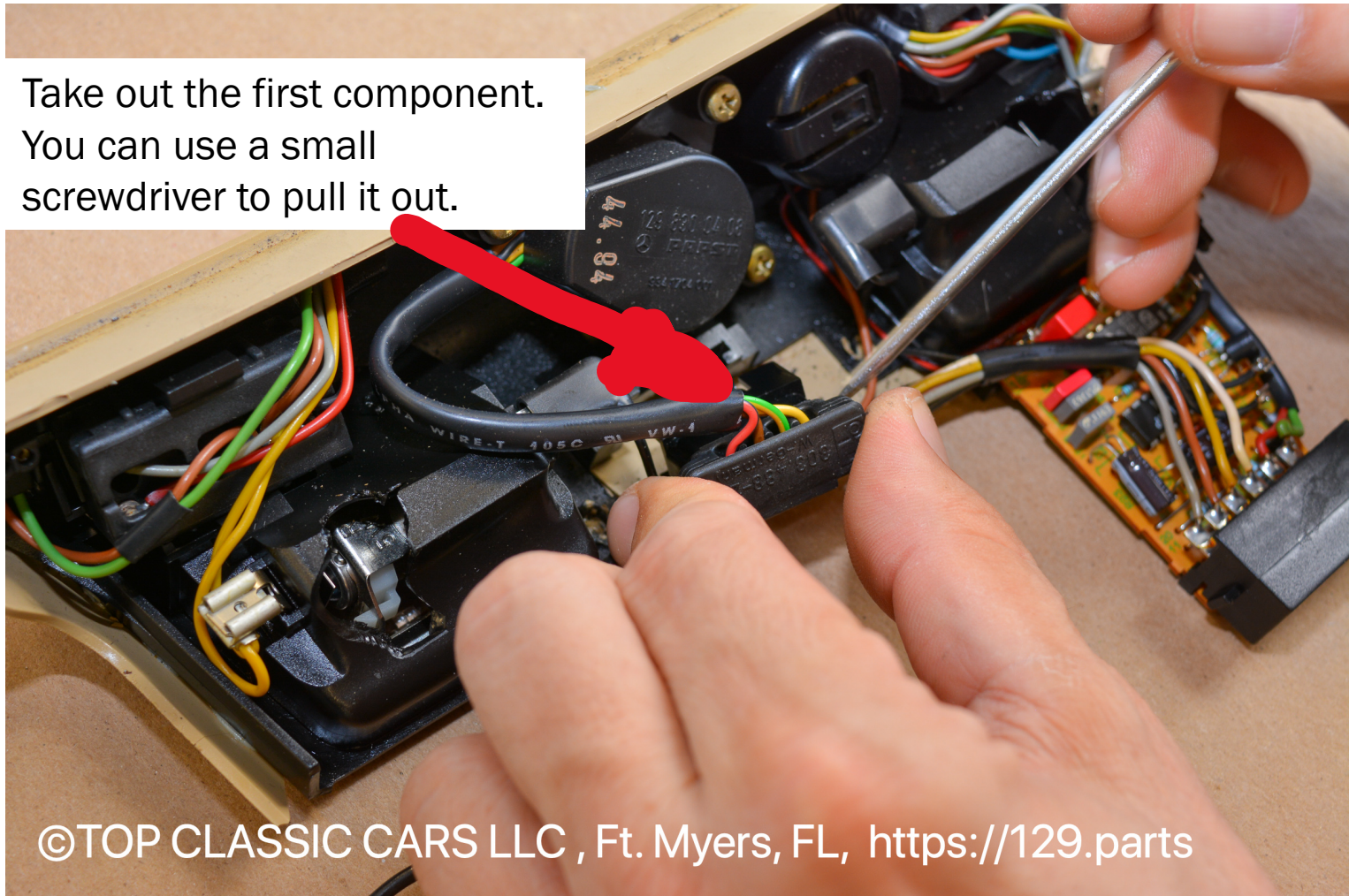
Let us start with the
disassembling of the wiring
harness....

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Take out the first component.
You can use a small
screwdriver to pull it out.

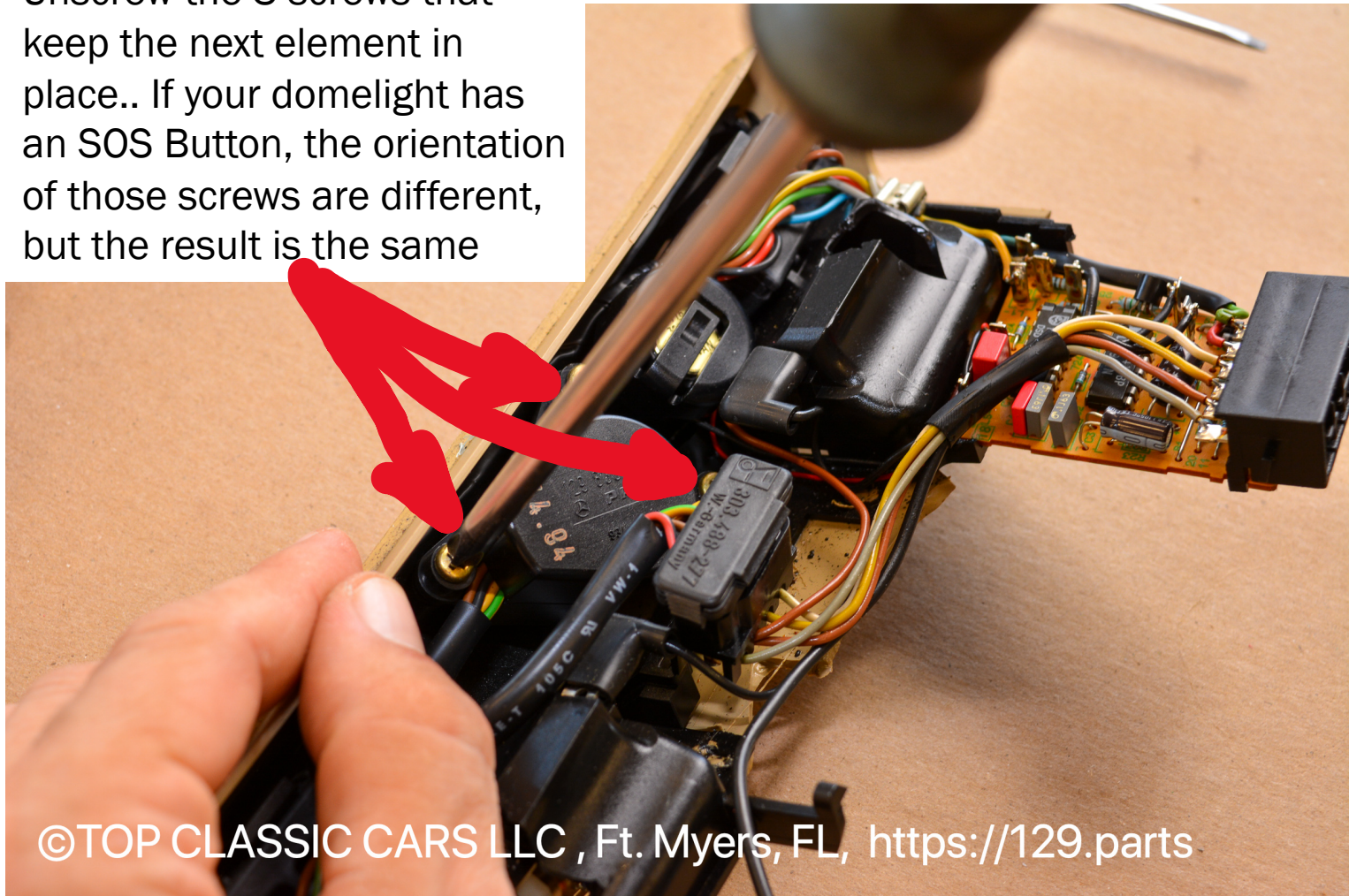


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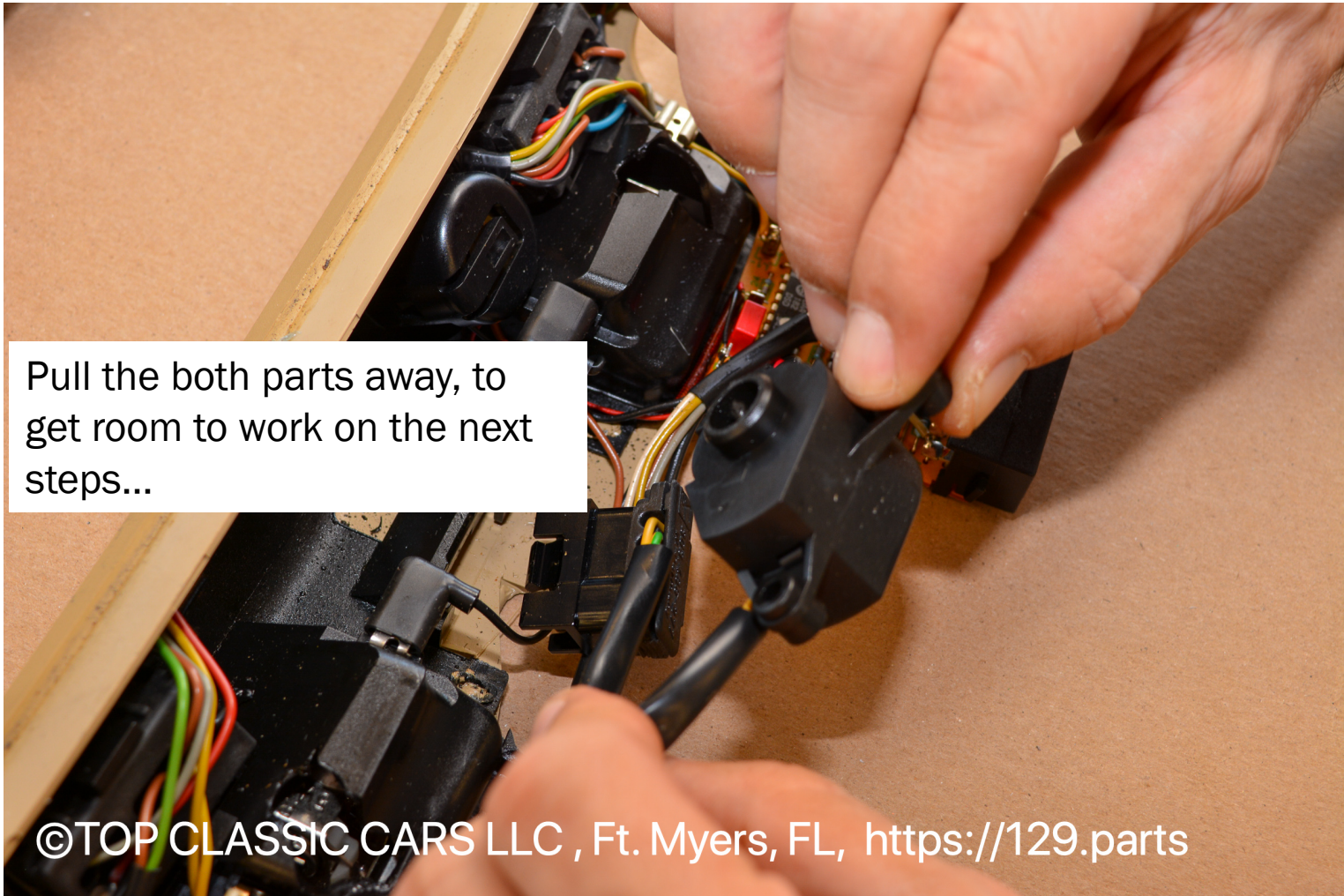


Unscrew the 3 screws that keep the next element in place.. If your domelight has an SOS Button, the orientation of those screws are different, but the result is the same



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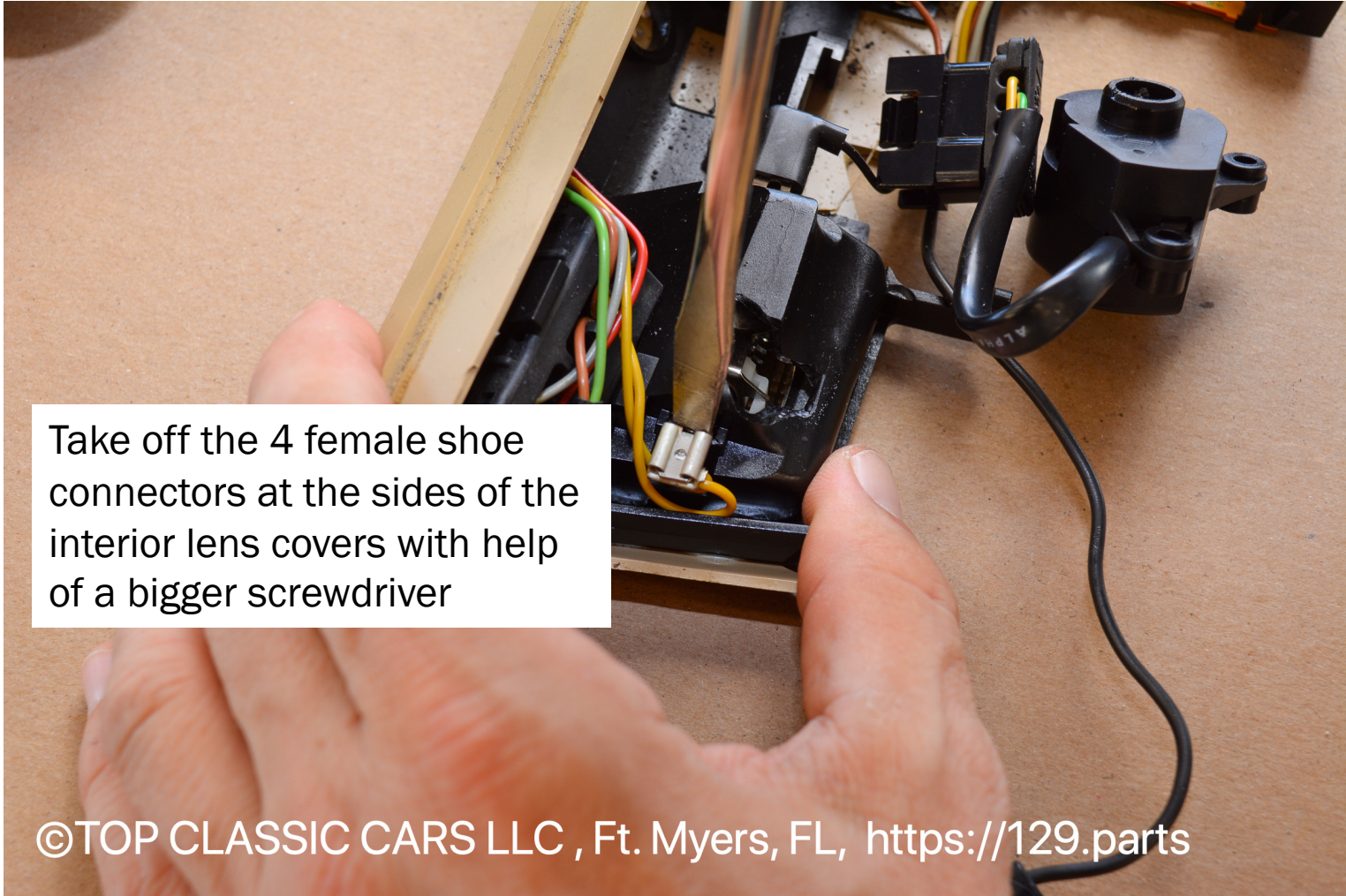
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Pull the both parts away, to
get room to work on the next
steps...

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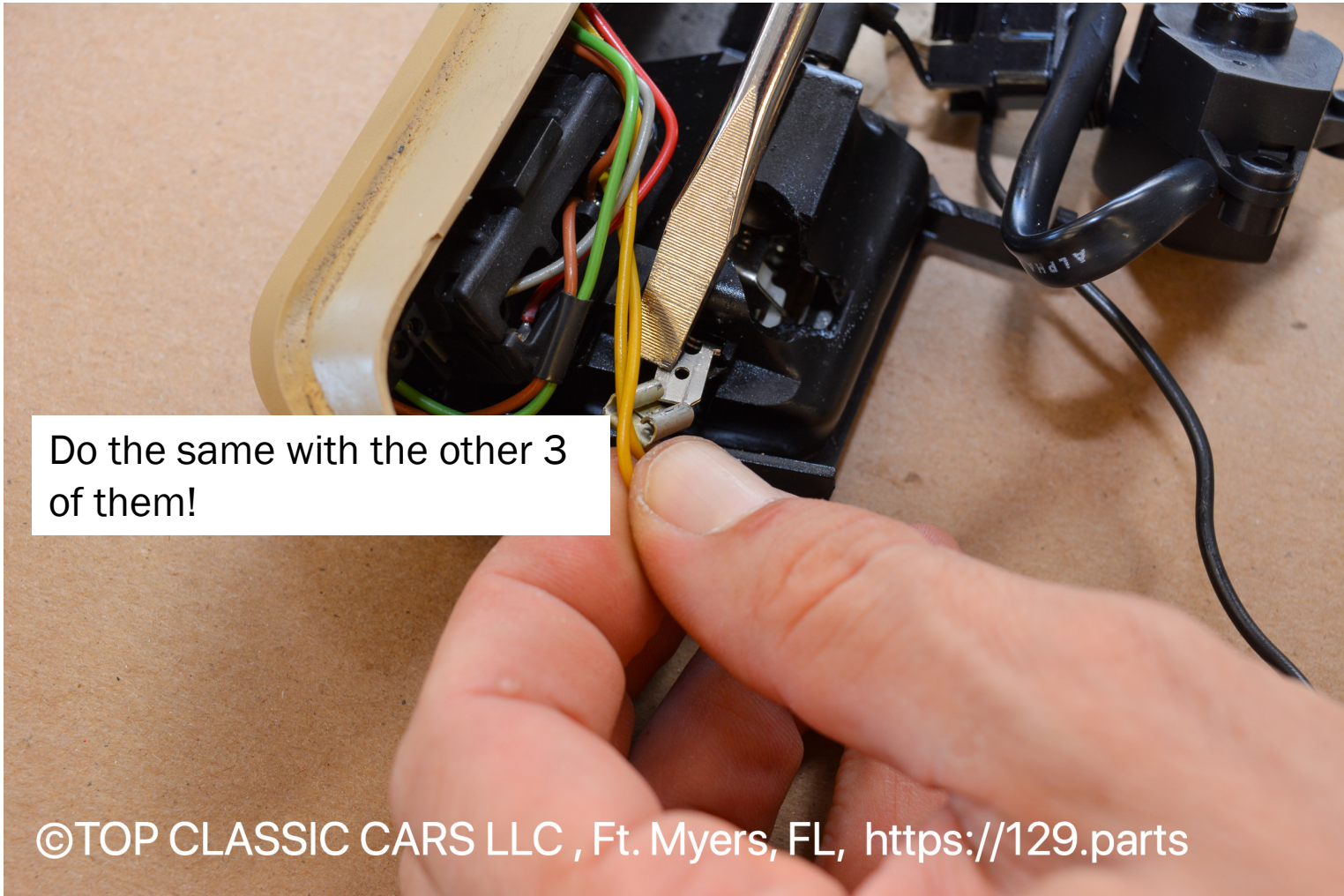
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Take off the 4 female shoe connectors at the sides of the interior lens covers with help of a bigger screwdriver

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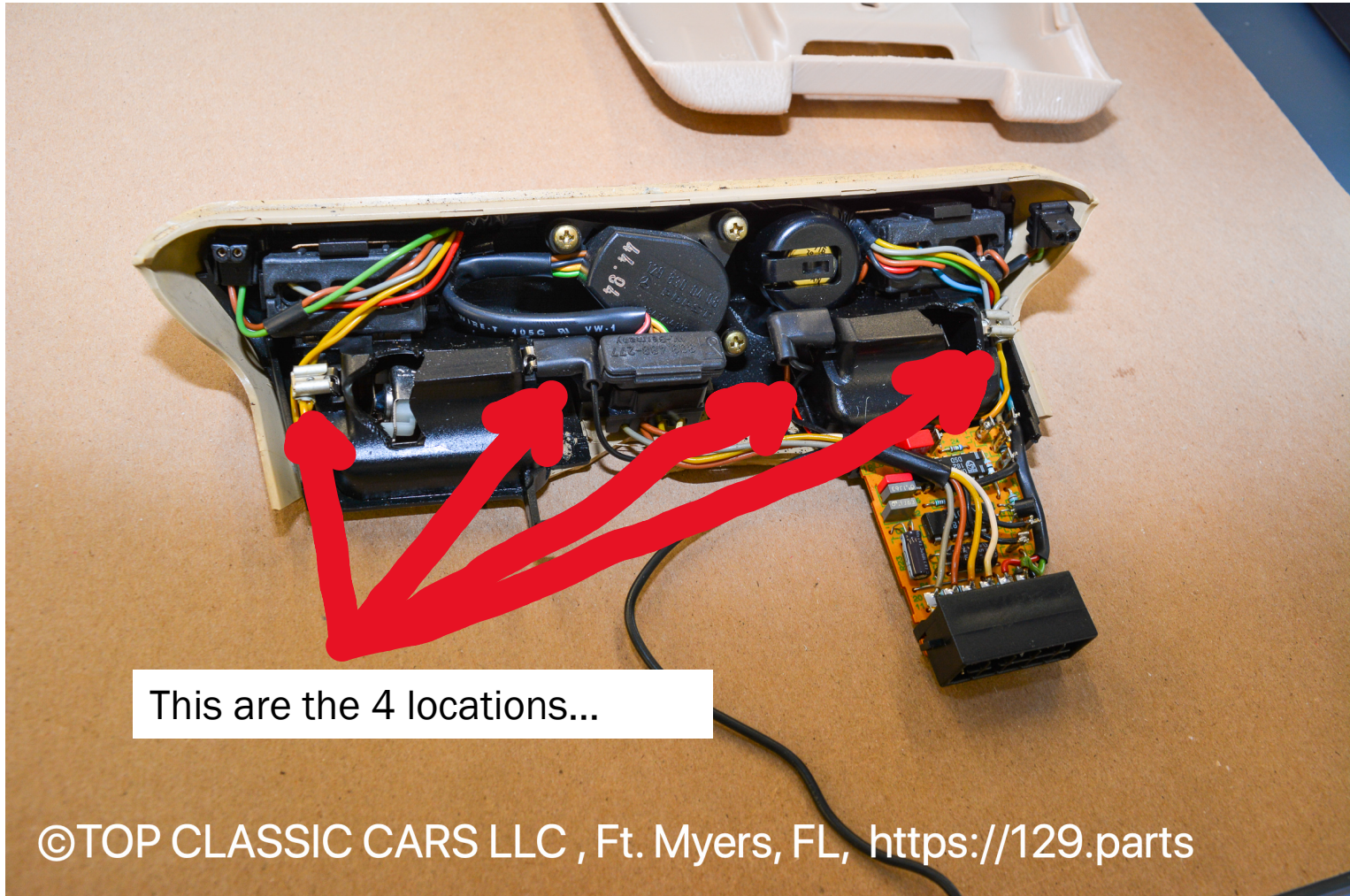
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Do the same with the other 3
of them!

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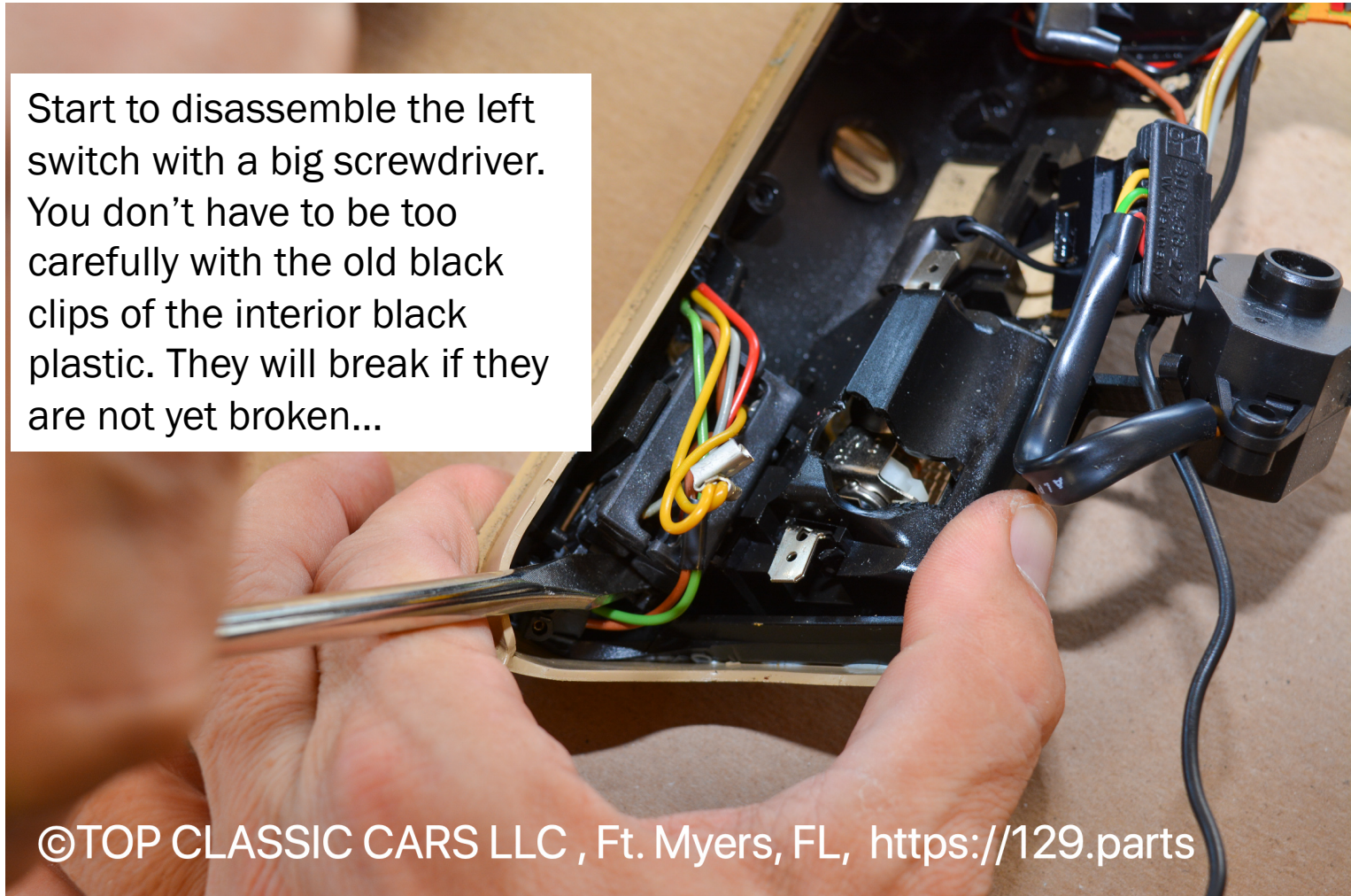


This are the 4 locations...

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Start to disassemble the left switch with a big screwdriver. You don't have to be too carefully with the old black clips of the interior black plastic. They will break if they are not yet broken...



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The switches are hold from 3 clips. There are 2 side clips and 1 clip on top

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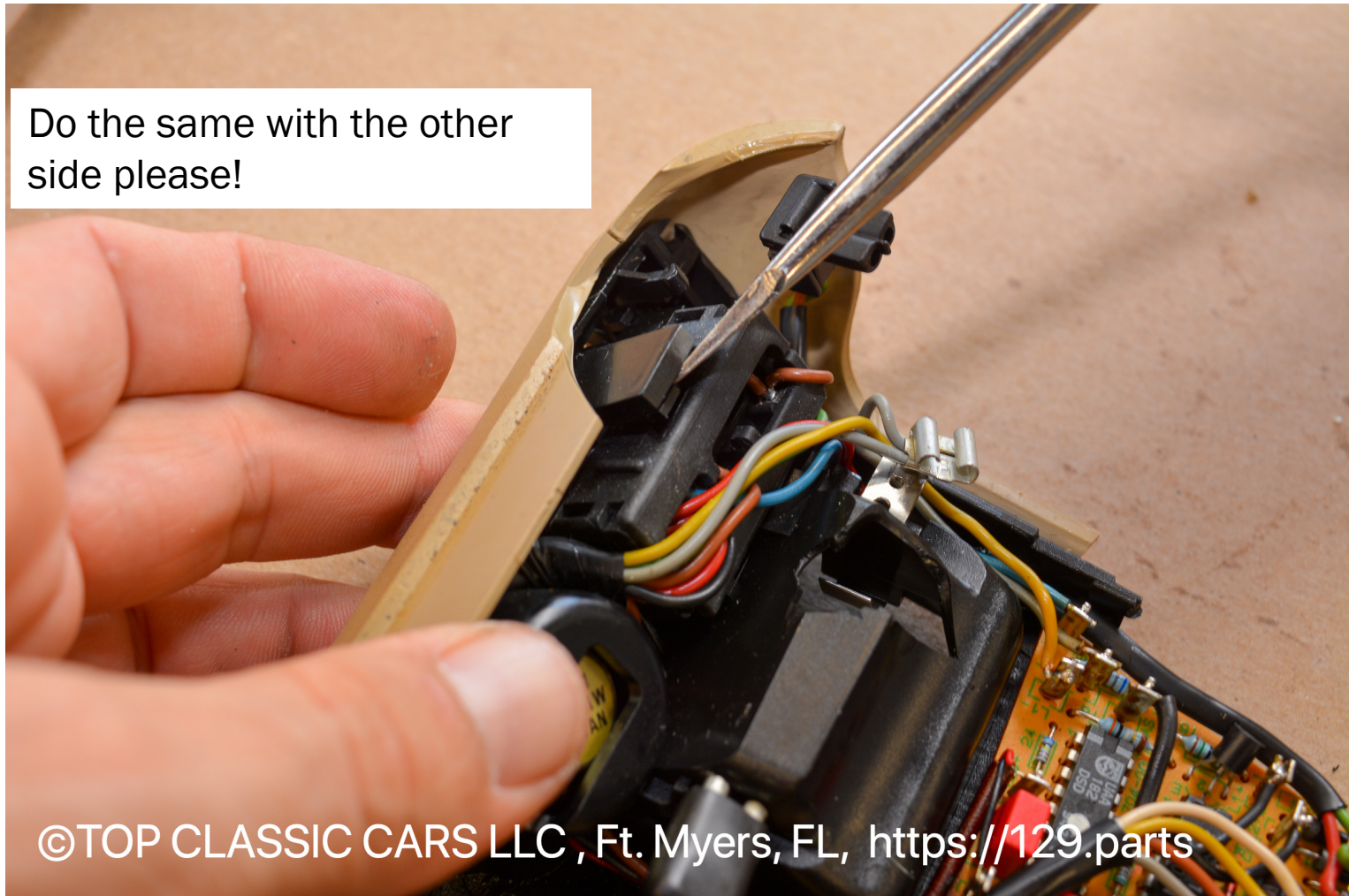
Then take the switch out.

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Do the same with the other
side please!

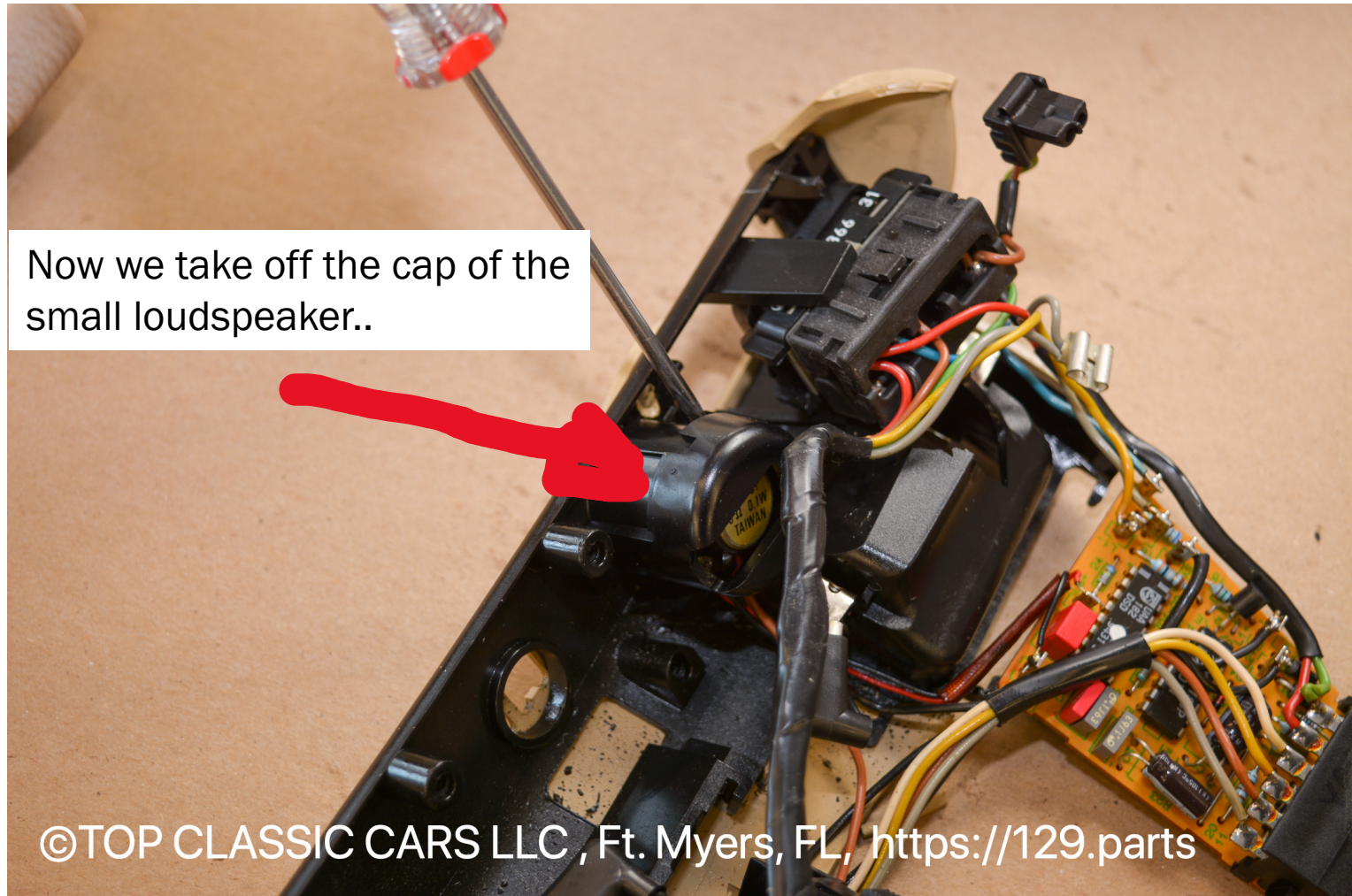


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Now we take off the cap of the
small loudspeaker..



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Then we take the loudspeaker
off

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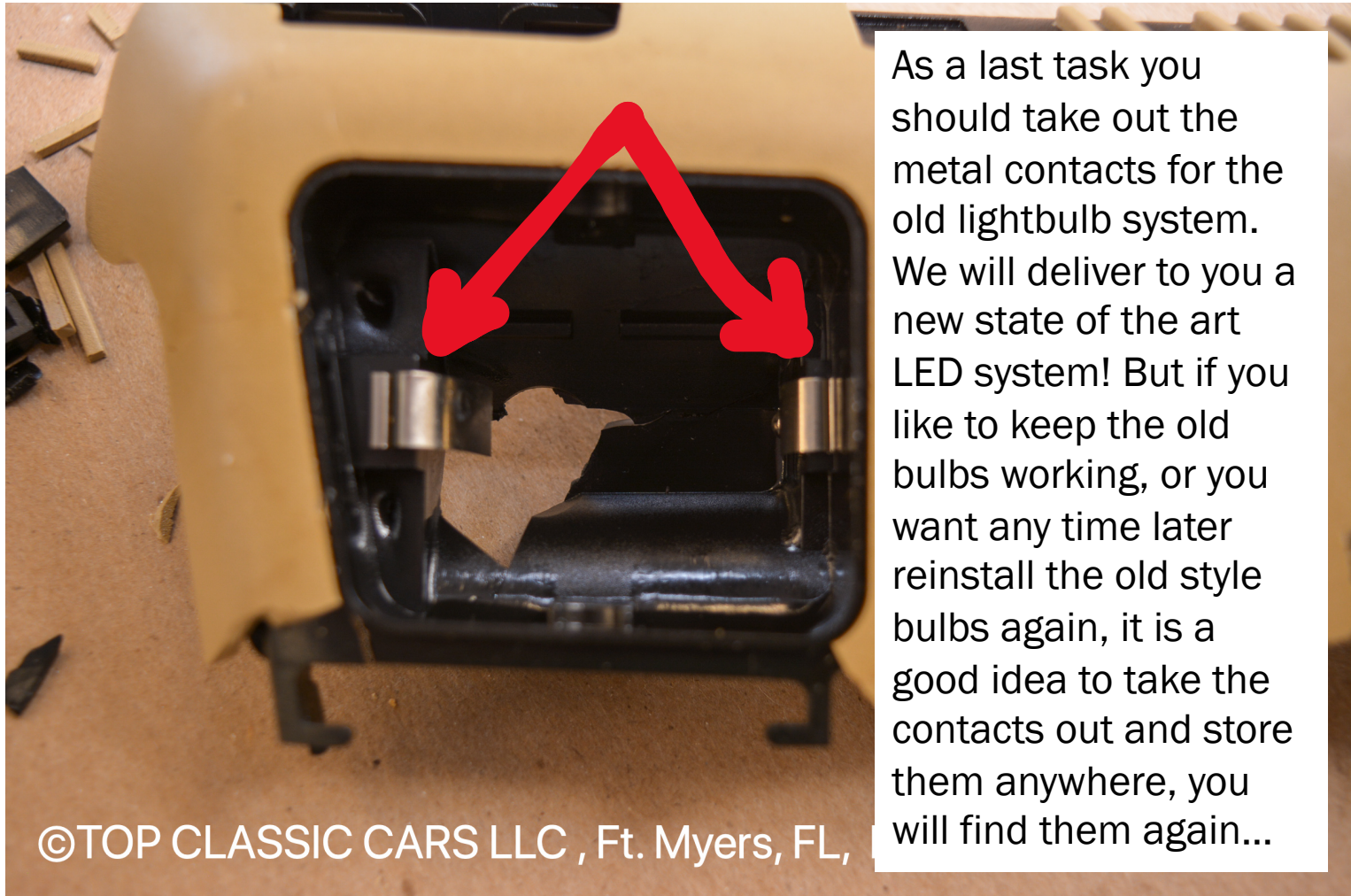


Now you have almost everything disassembled. ;o))
Should look similar like this picture!



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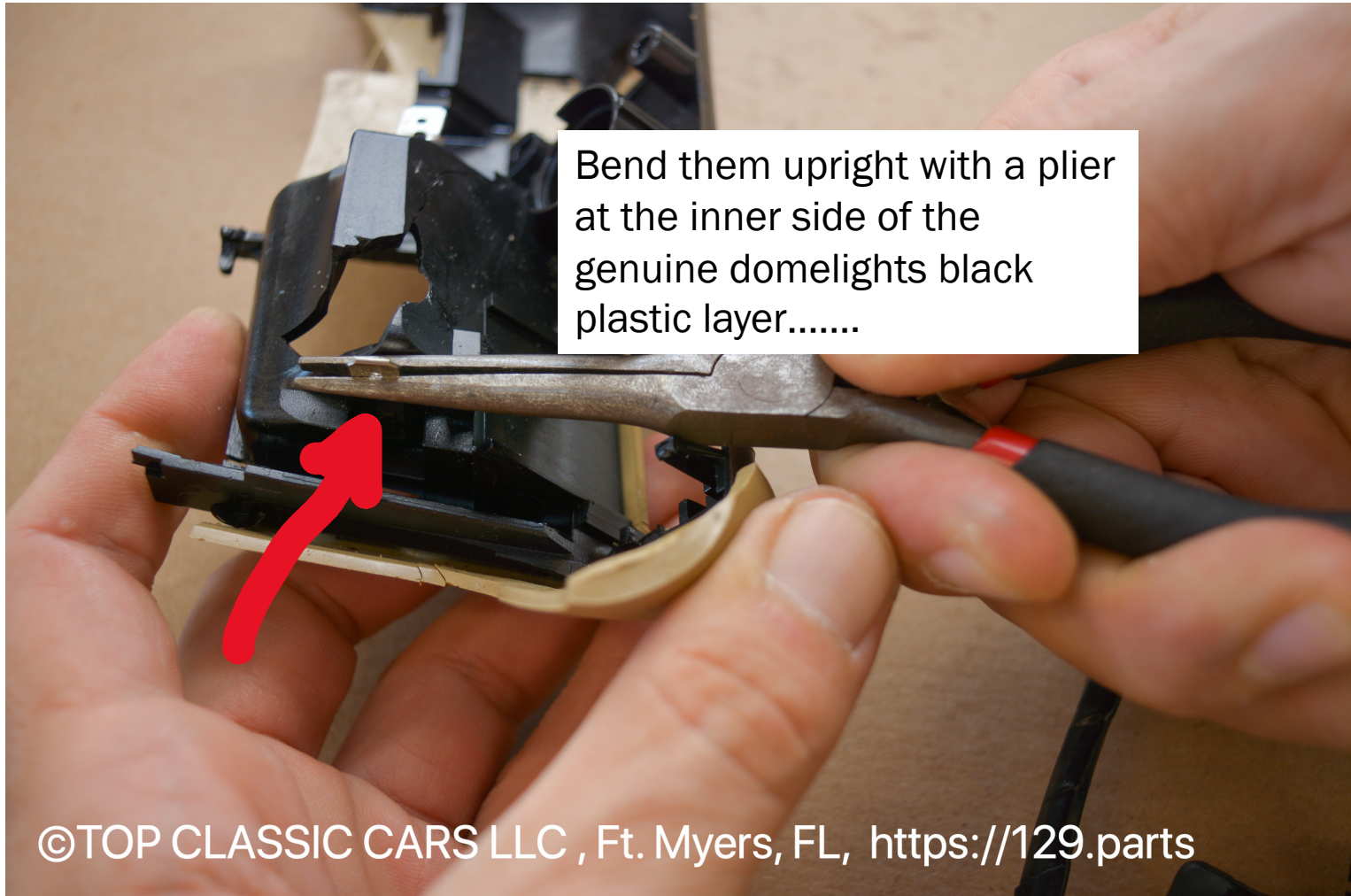
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As a last task you should take out the metal contacts for the old lightbulb system. We will deliver to you a new state of the art LED system! But if you like to keep the old bulbs working, or you want any time later reinstall the old style bulbs again, it is a good idea to take the contacts out and store them anywhere, you will find them again...

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Bend them upright with a plier
at the inner side of the
genuine domelights black
plastic layer.....

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Then pull them out from the
outer side of the Domelight
Shell, and store them
anywhere.

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If you want to use them later,
then you have to use the
longer contacts at the outer
sides of the genuine black
lens covers.

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That's all the wiring we have to put in
our new Domelight Assembly from Top
Classic Cars



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Let us start again step by step, beginning with the last step of the disassembling as the first step of the reassembling...

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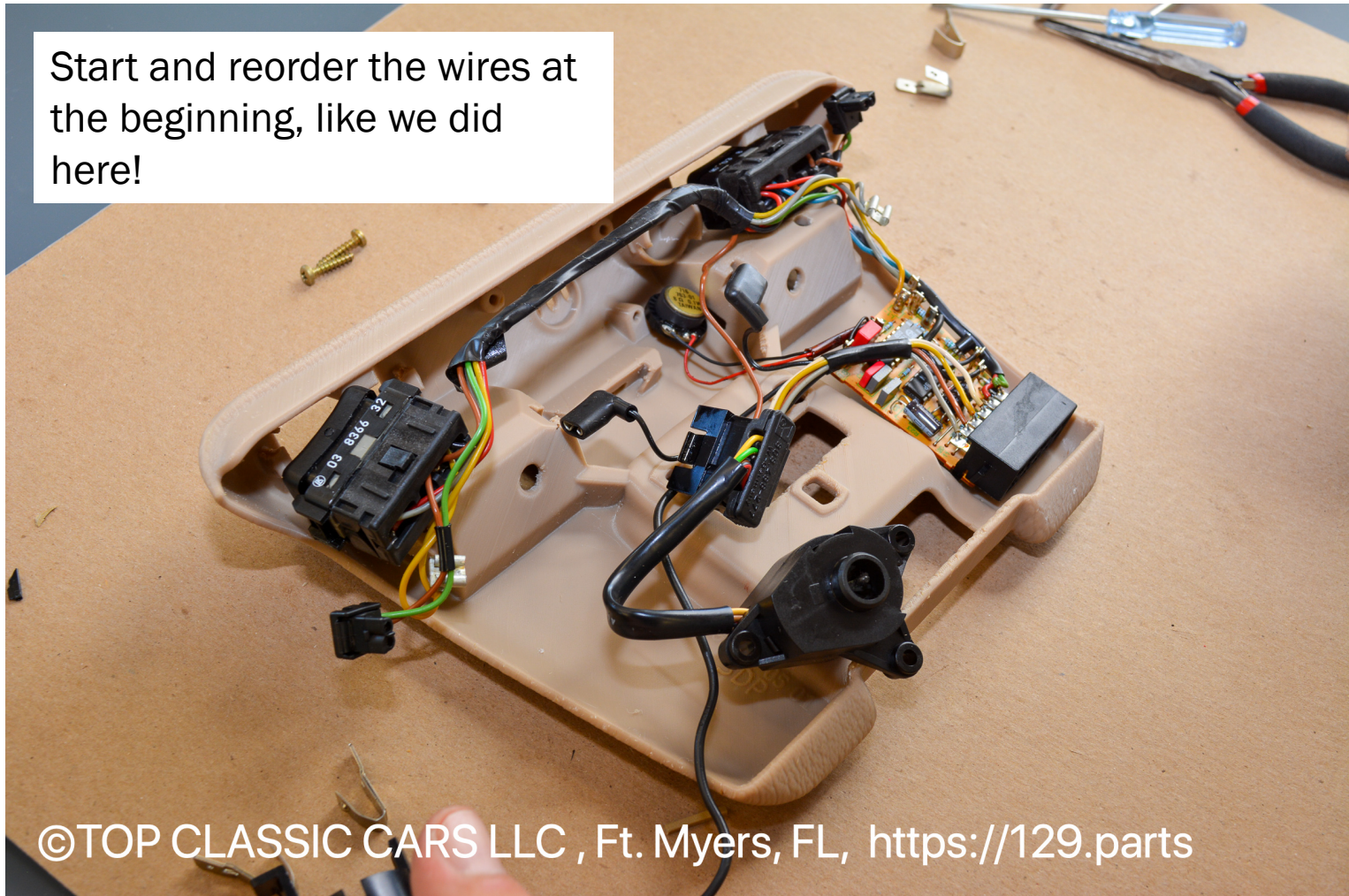
If you like to use the old light lens with the old bulbs, then you have to put the 4 contacts again in place of your new Domelight Assembly



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Start and reorder the wires at the beginning, like we did here!

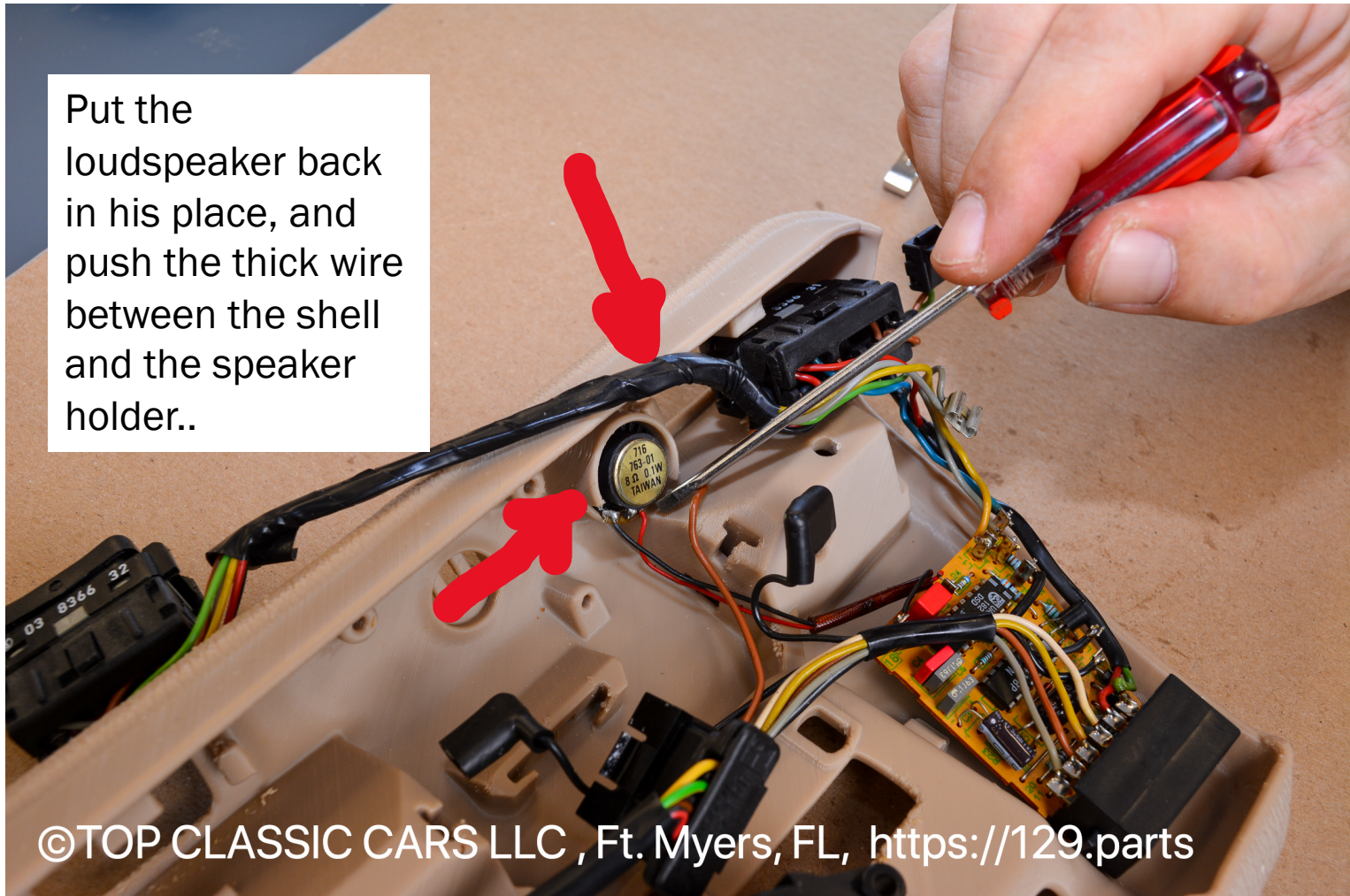


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Put the
loudspeaker back
in his place, and
push the thick wire
between the shell
and the speaker
holder..



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Plug the Speaker Cap again
above the speaker

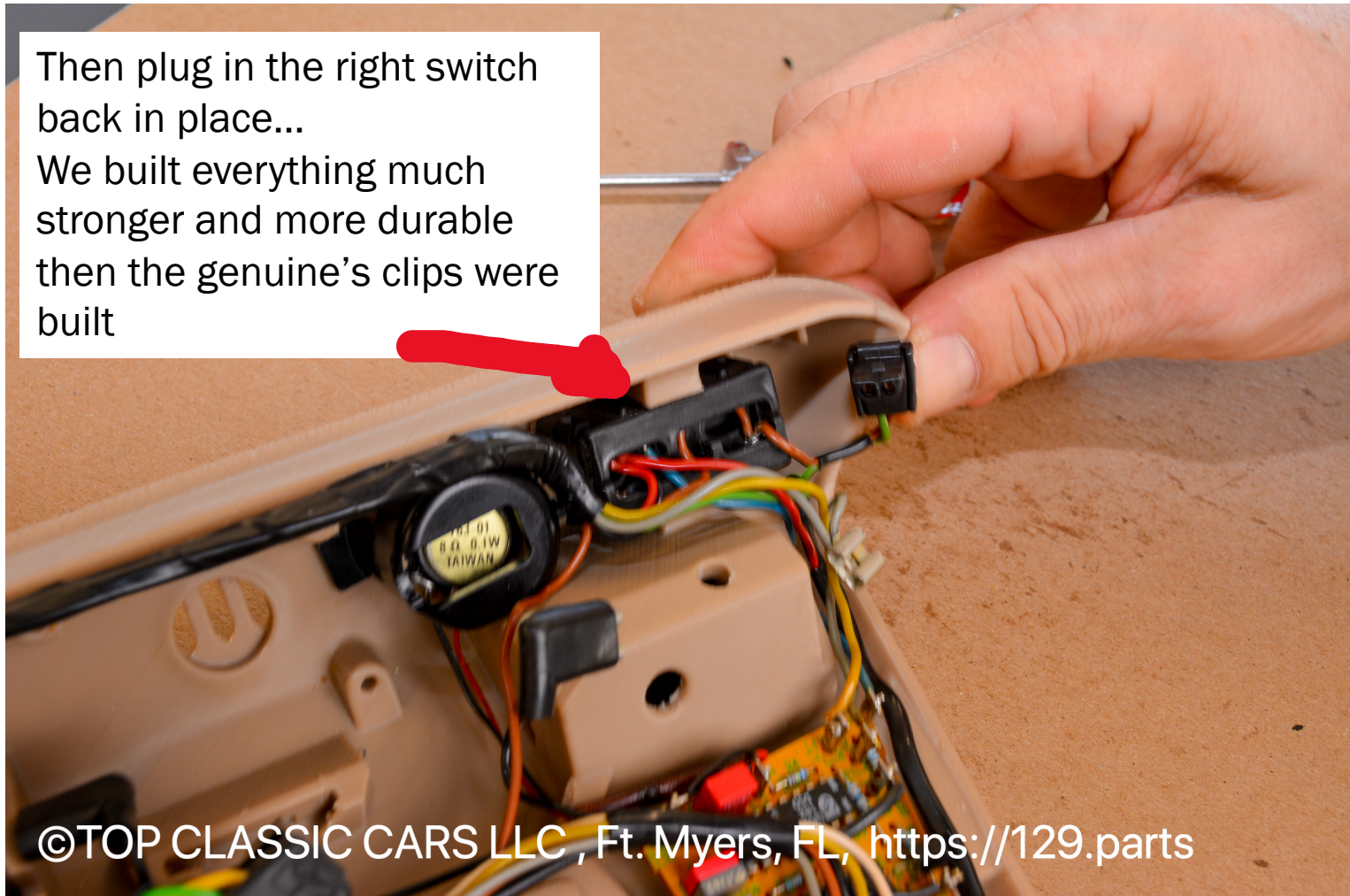


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Then plug in the right switch
back in place...
We built everything much
stronger and more durable
then the genuine's clips were
built

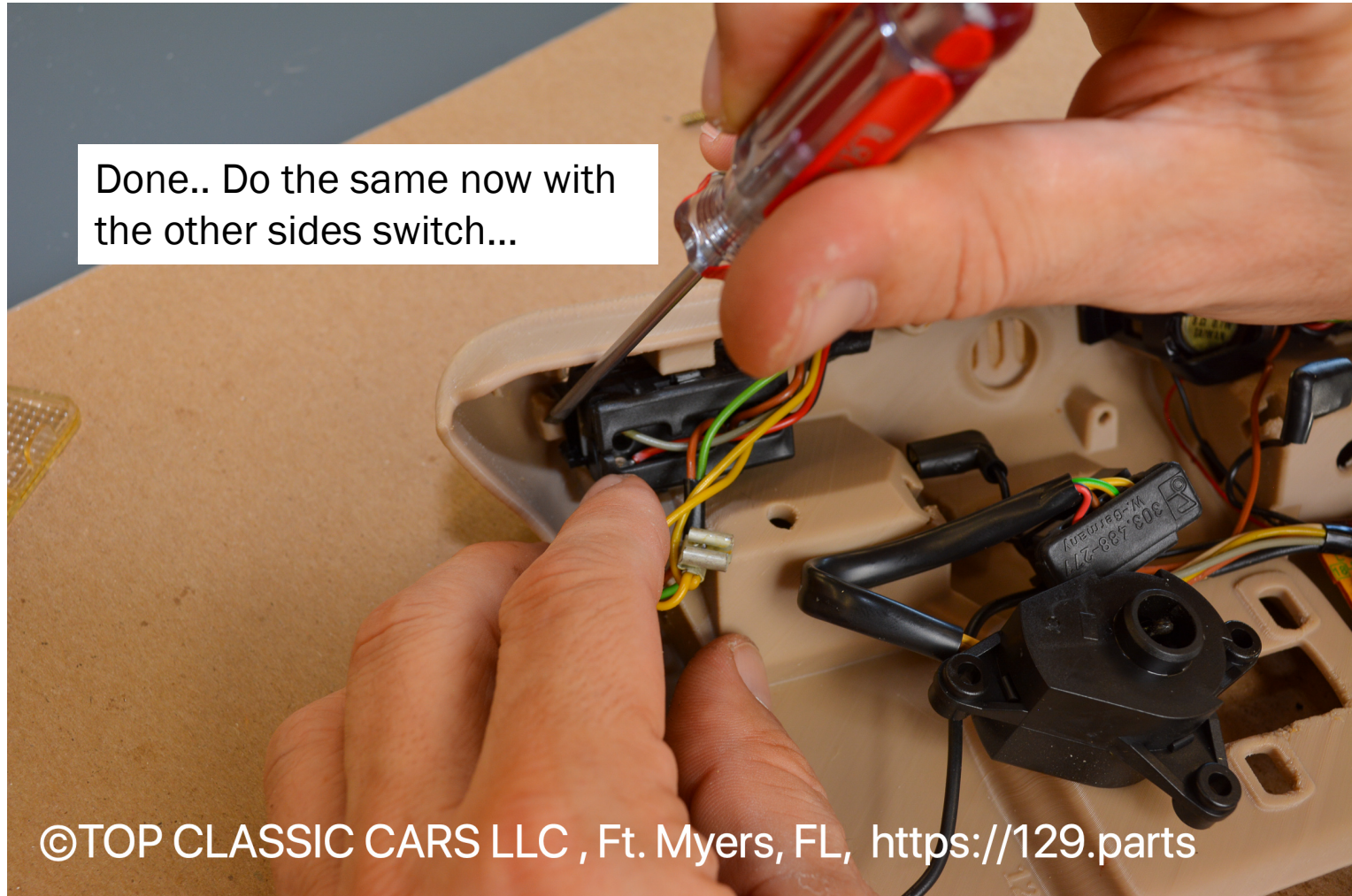


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Done.. Do the same now with
the other sides switch...

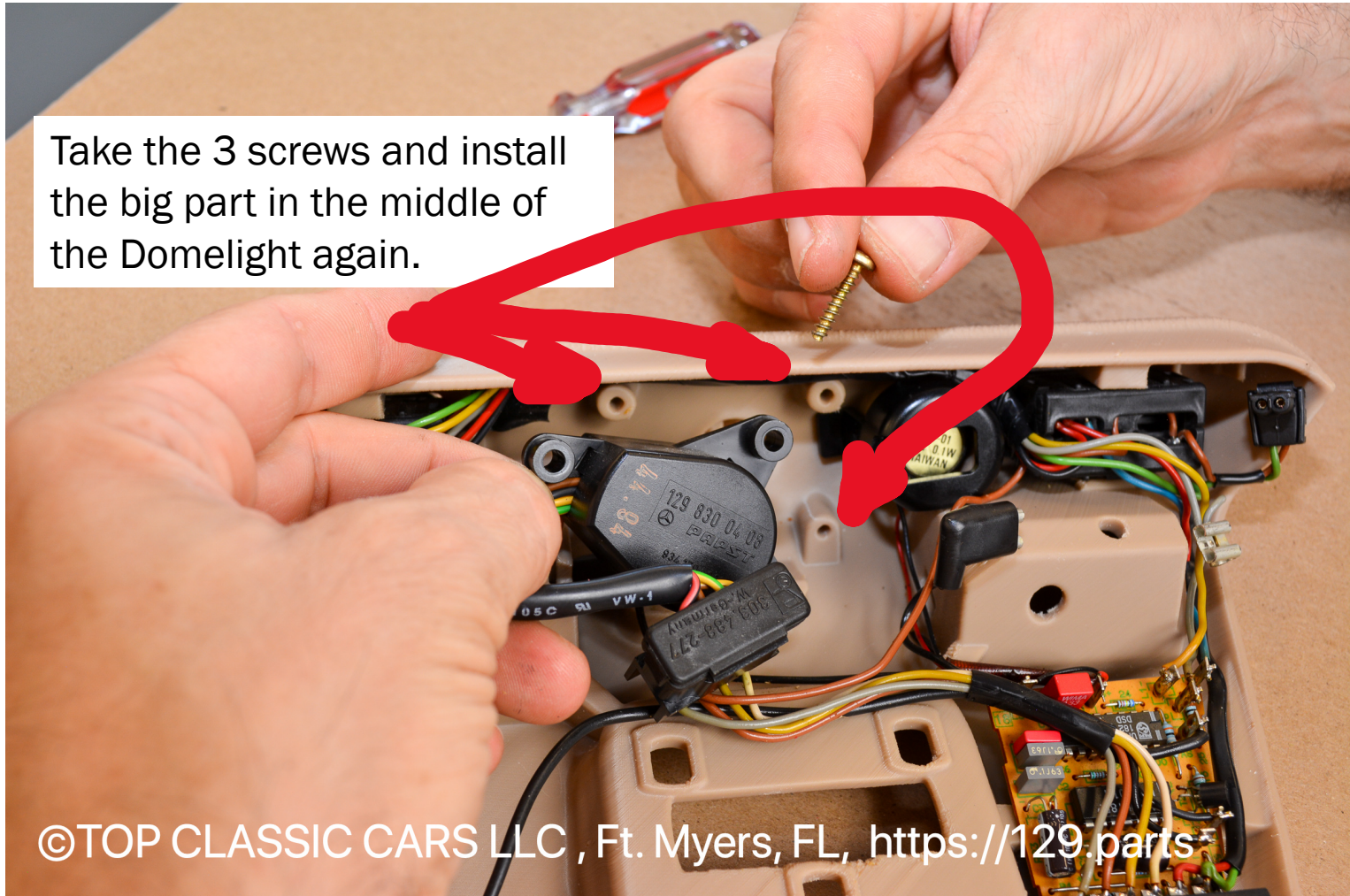


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Take the 3 screws and install
the big part in the middle of
the Domelight again.

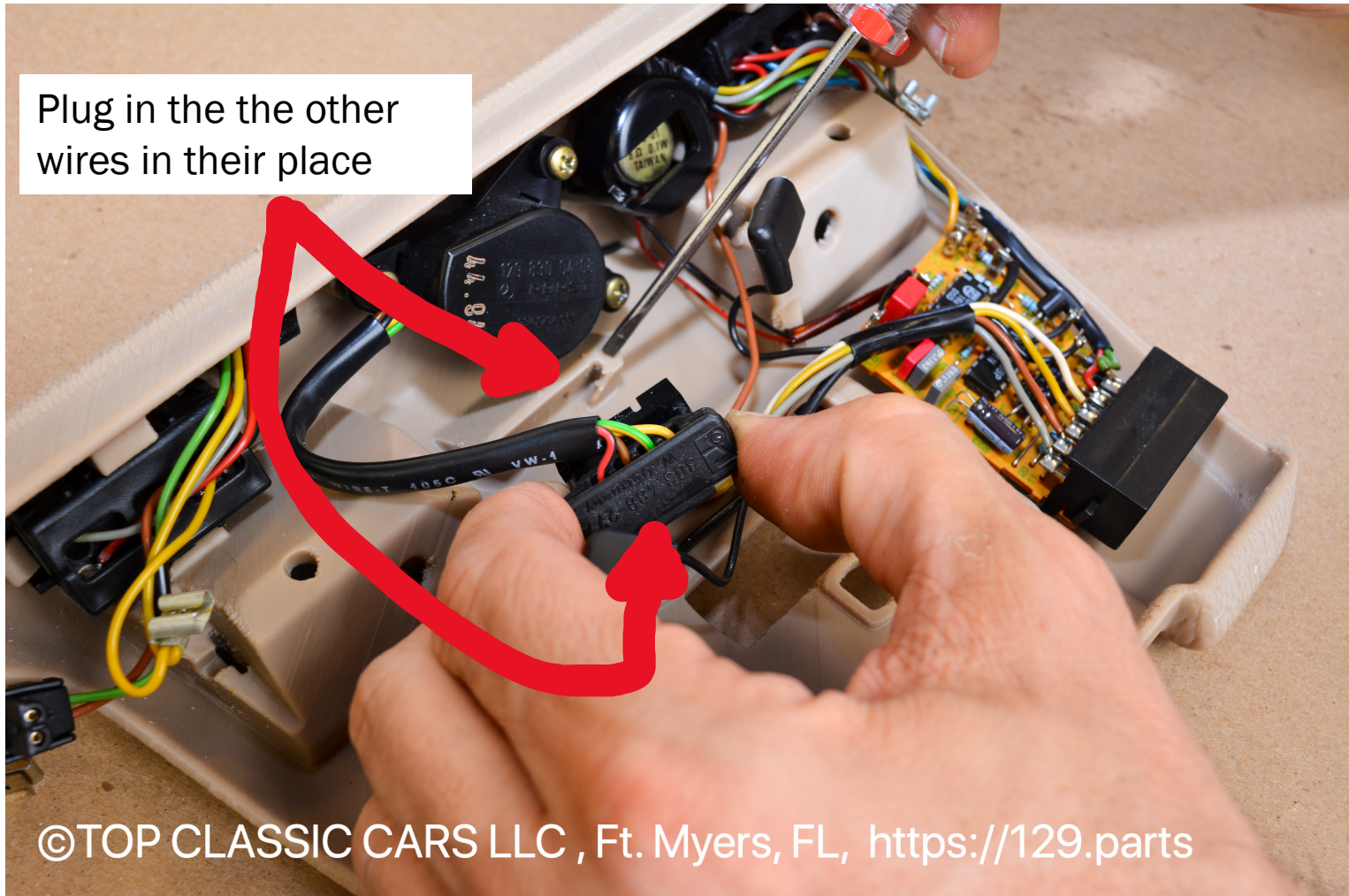


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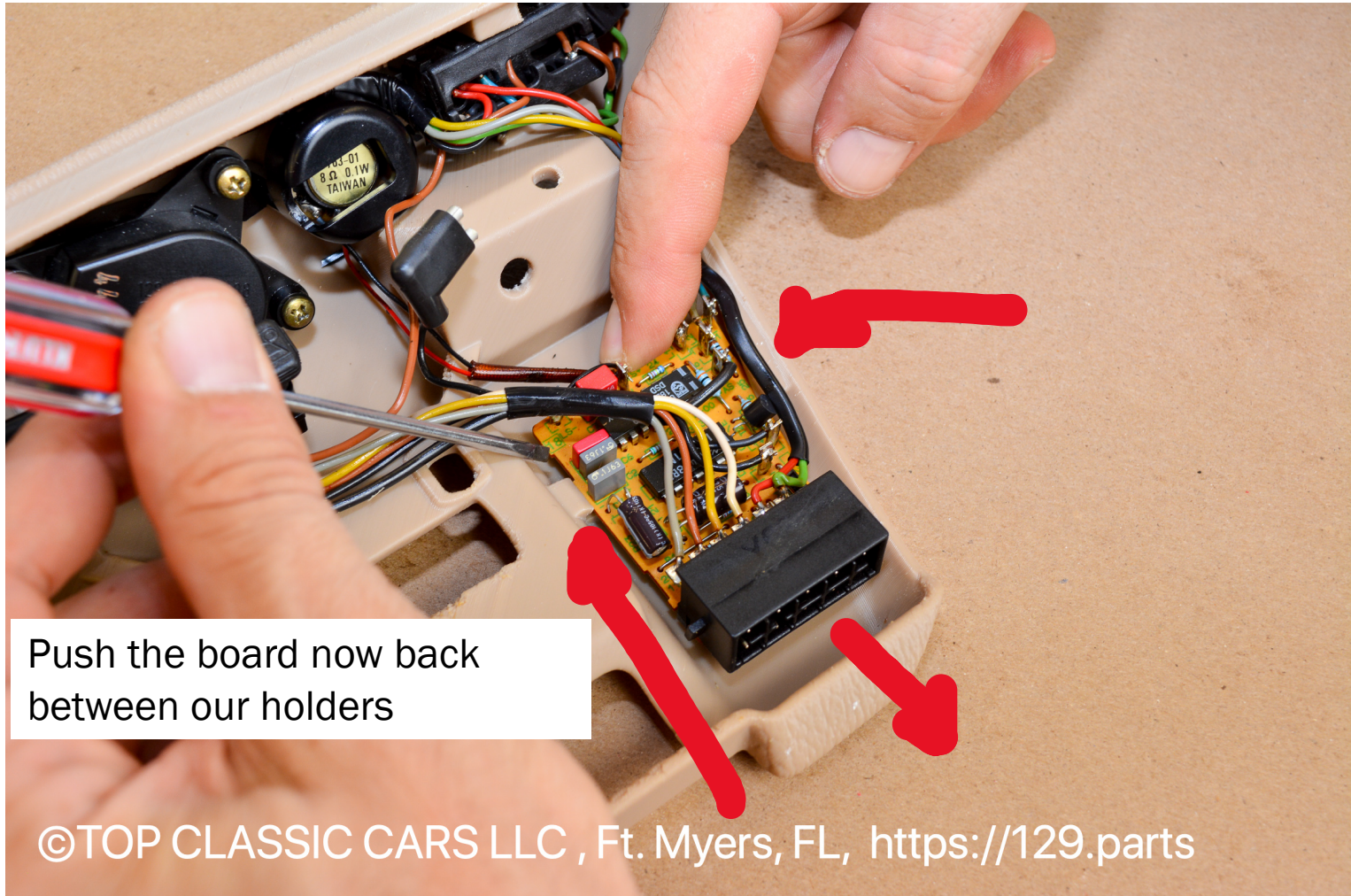


Plug in the the other
wires in their place



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Push the board now back
between our holders

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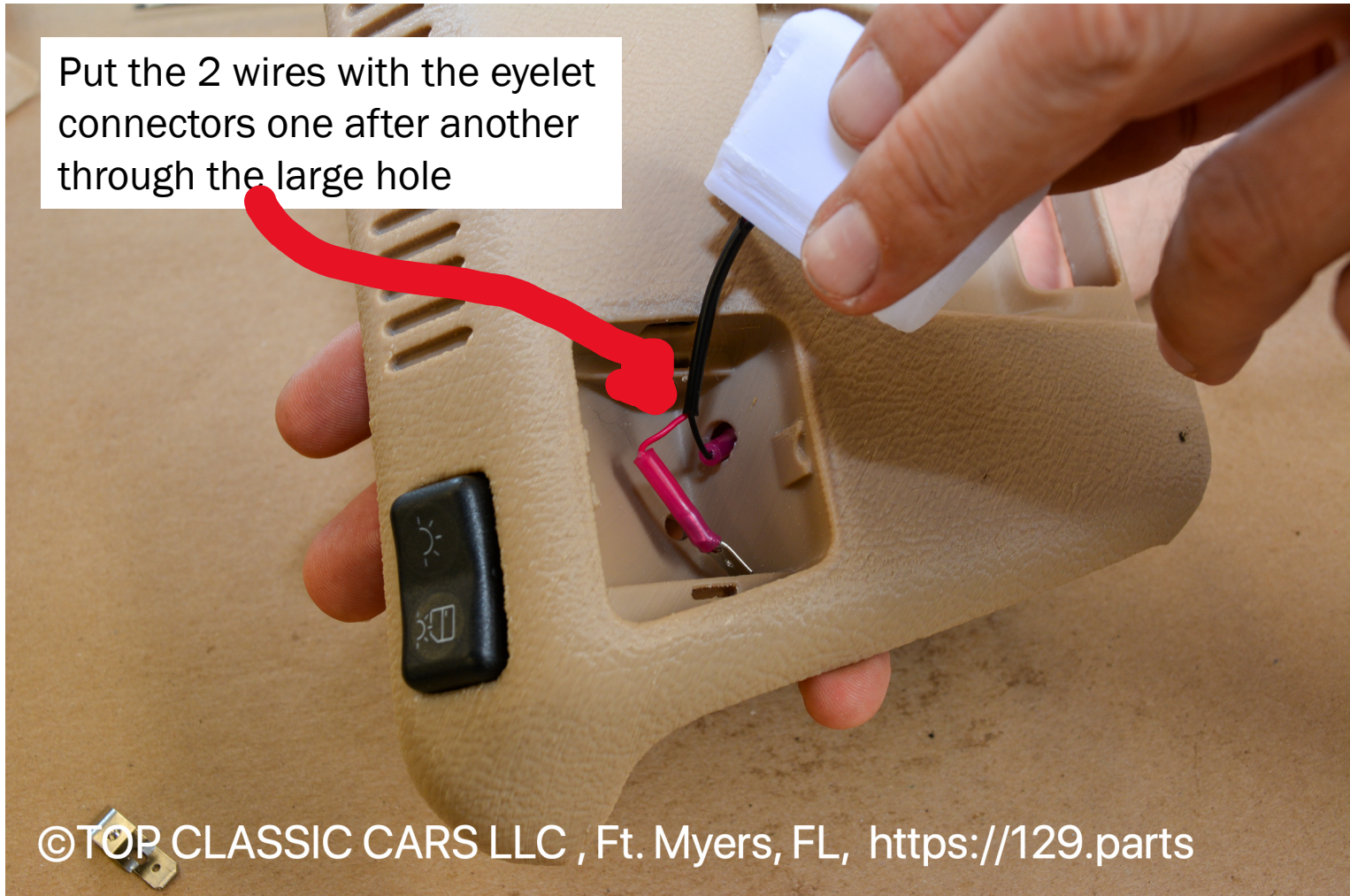


Now let us install the new LED inserts in our reflectors

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Put the 2 wires with the eyelet connectors one after another through the large hole



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Then put the reflector with the
LED in the opening..



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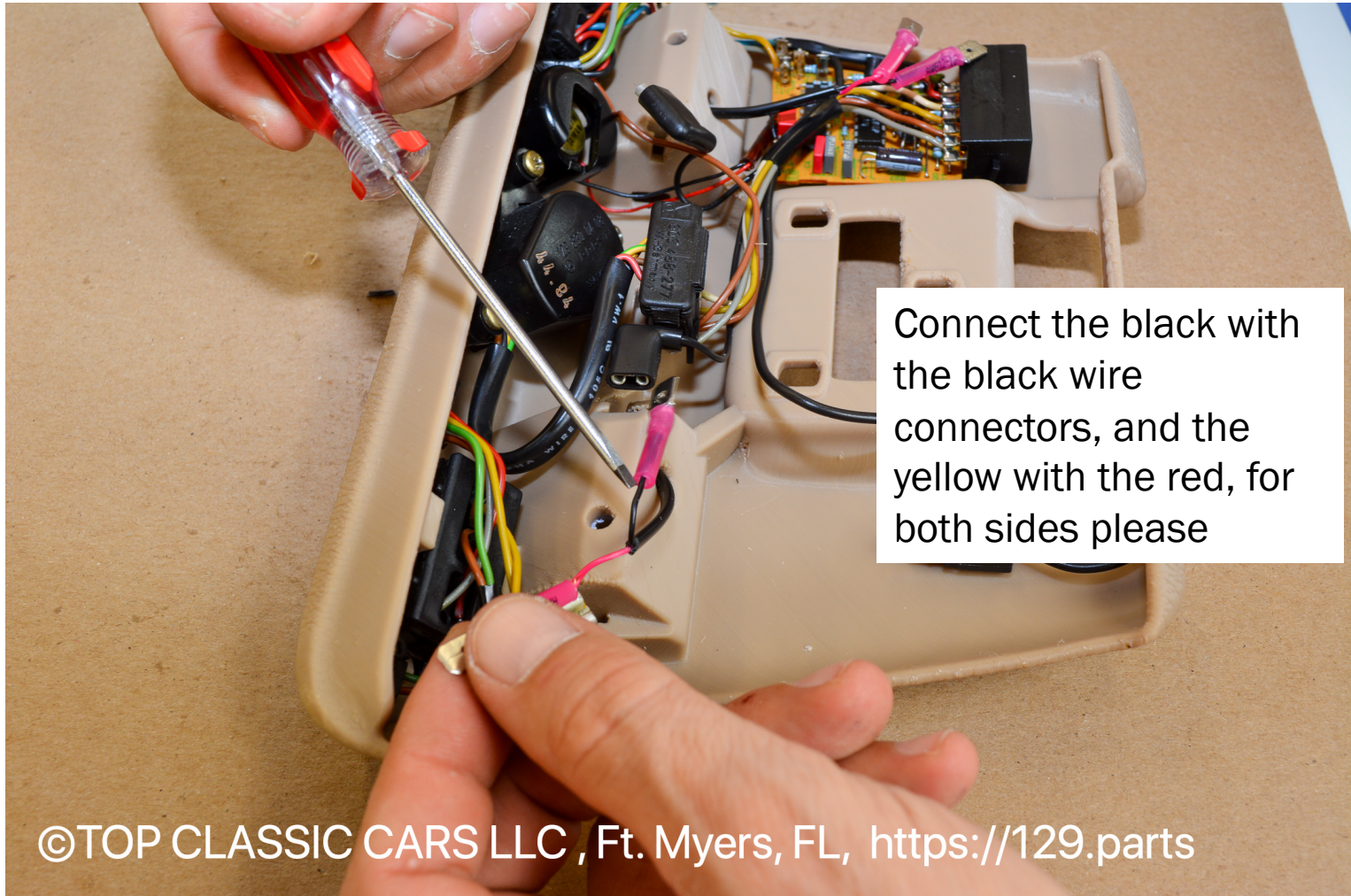


It should look like this



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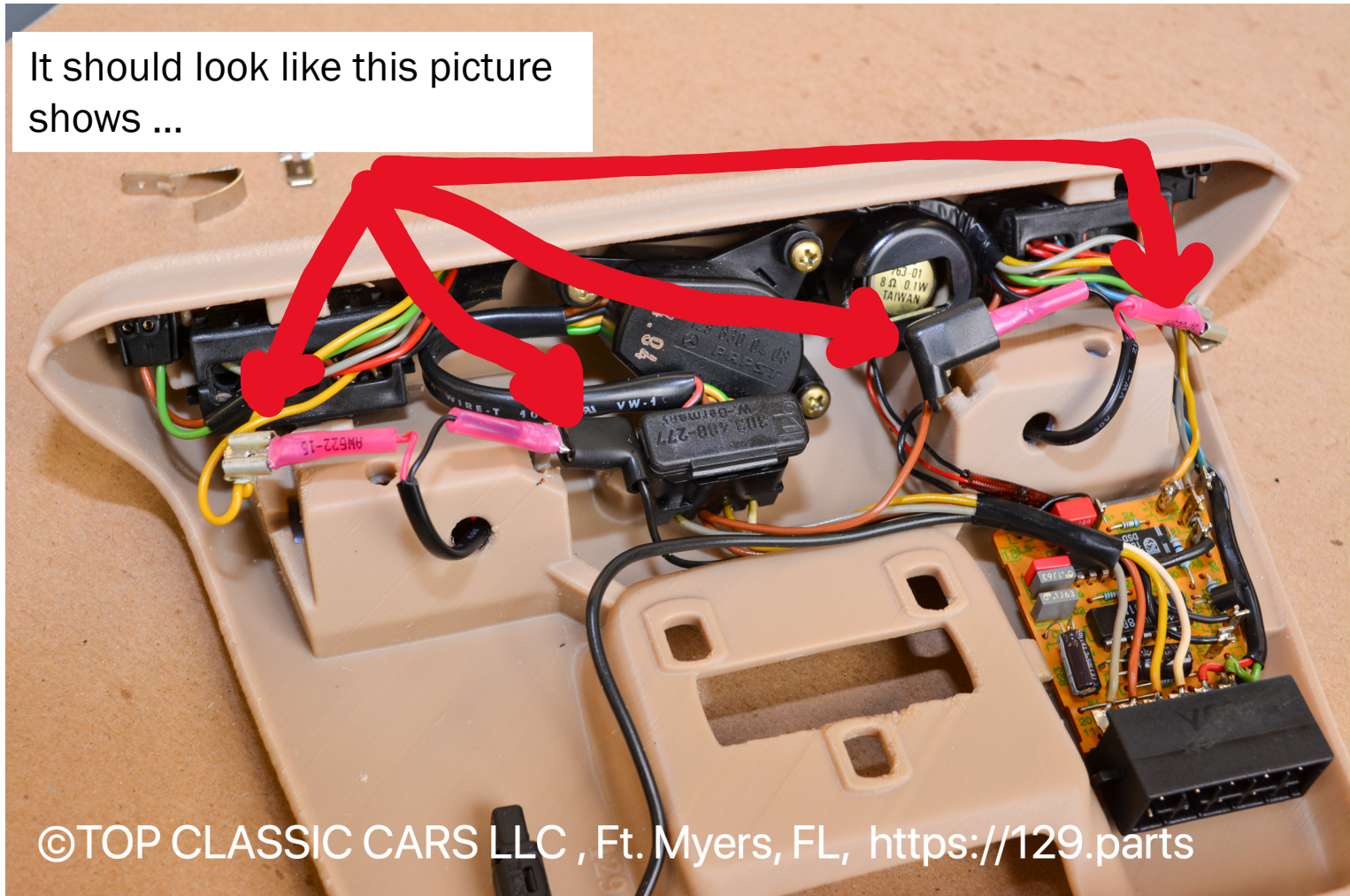


Connect the black with the black wire connectors, and the yellow with the red, for both sides please

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It should look like this picture shows ...

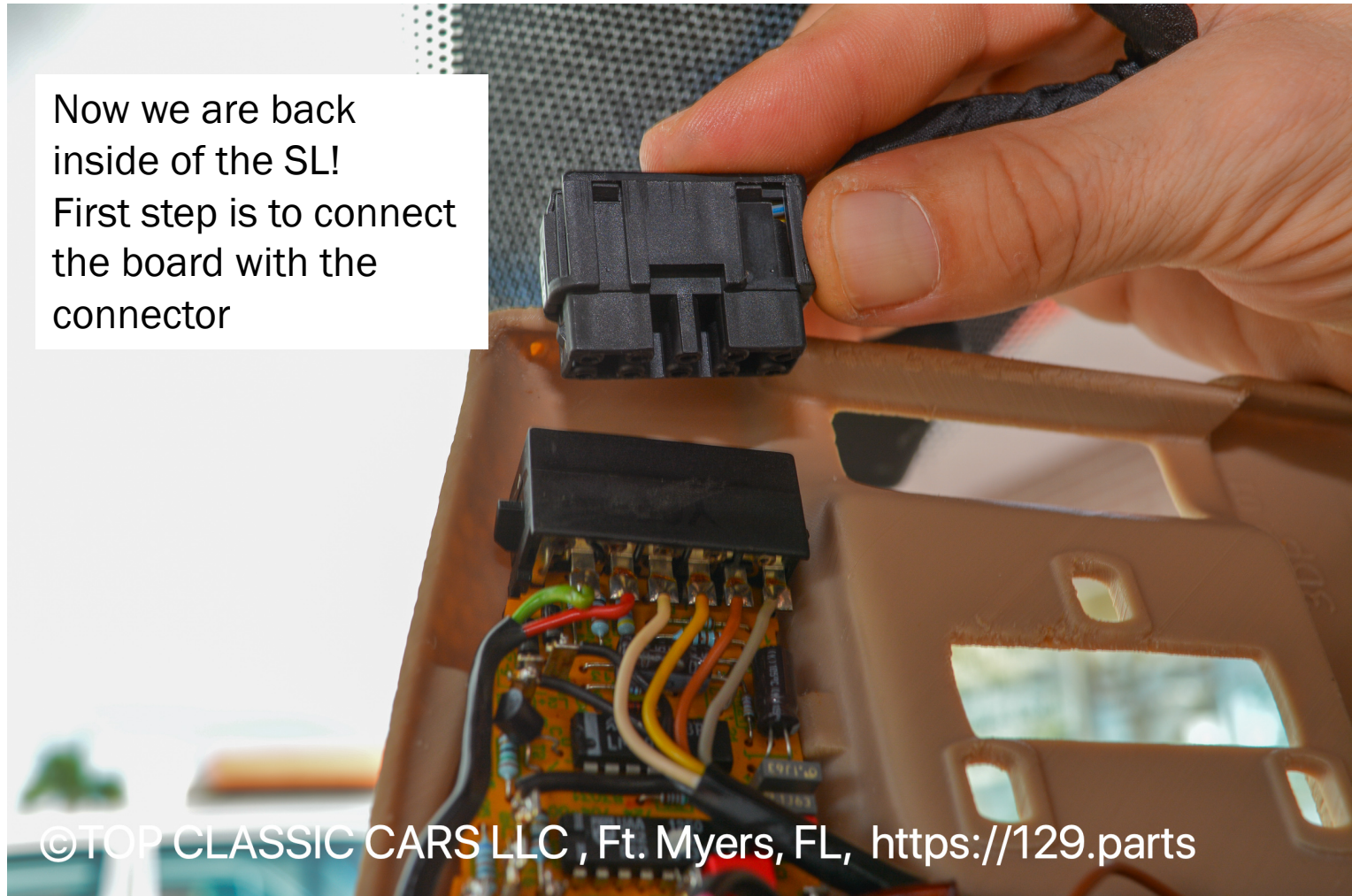


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Now we are back
inside of the SL!
First step is to connect
the board with the
connector



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Connect the other wire
connectors please, left
and right side

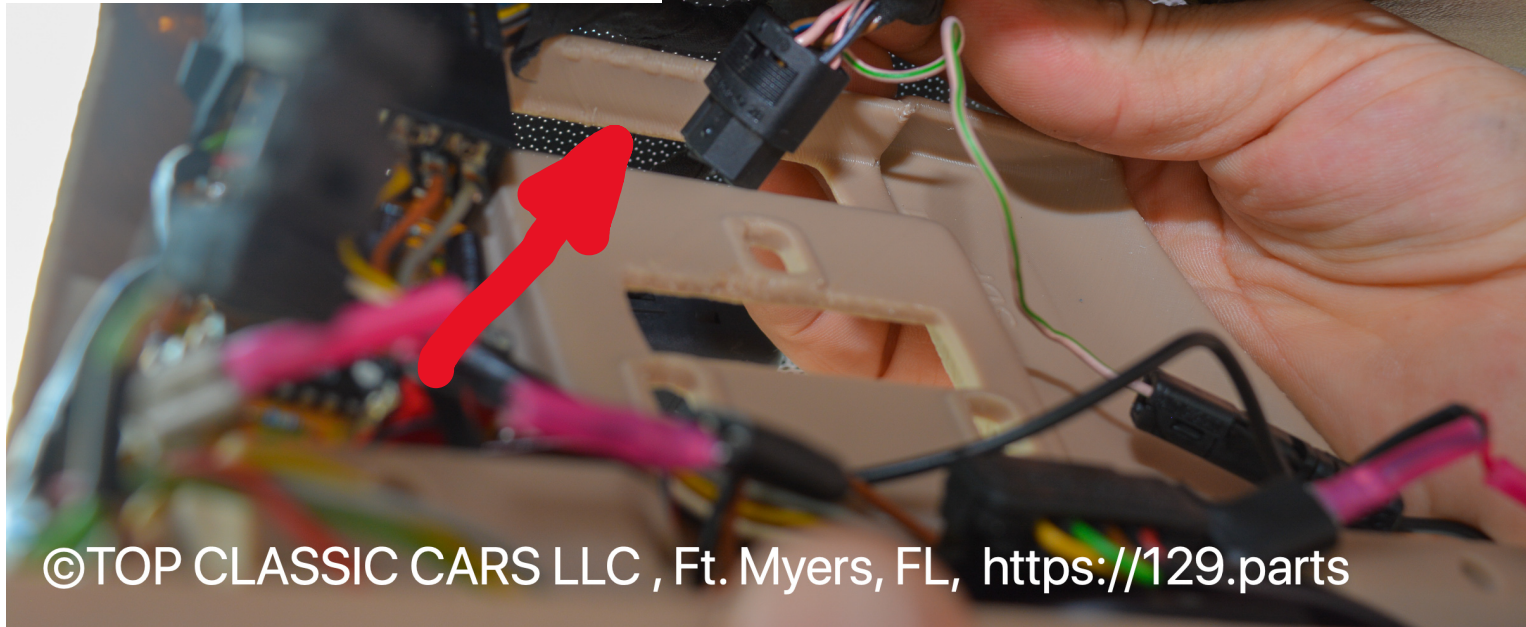


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Before you install the
Domelight you have to push
the connector for the
Rearview Mirror in the
opening behind the hole for
the metal plate



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Check that all wires are inside the Assembly, and start to screw the Domelight with the 5 screws on the frame, with the Mirror Connector hanging outside..

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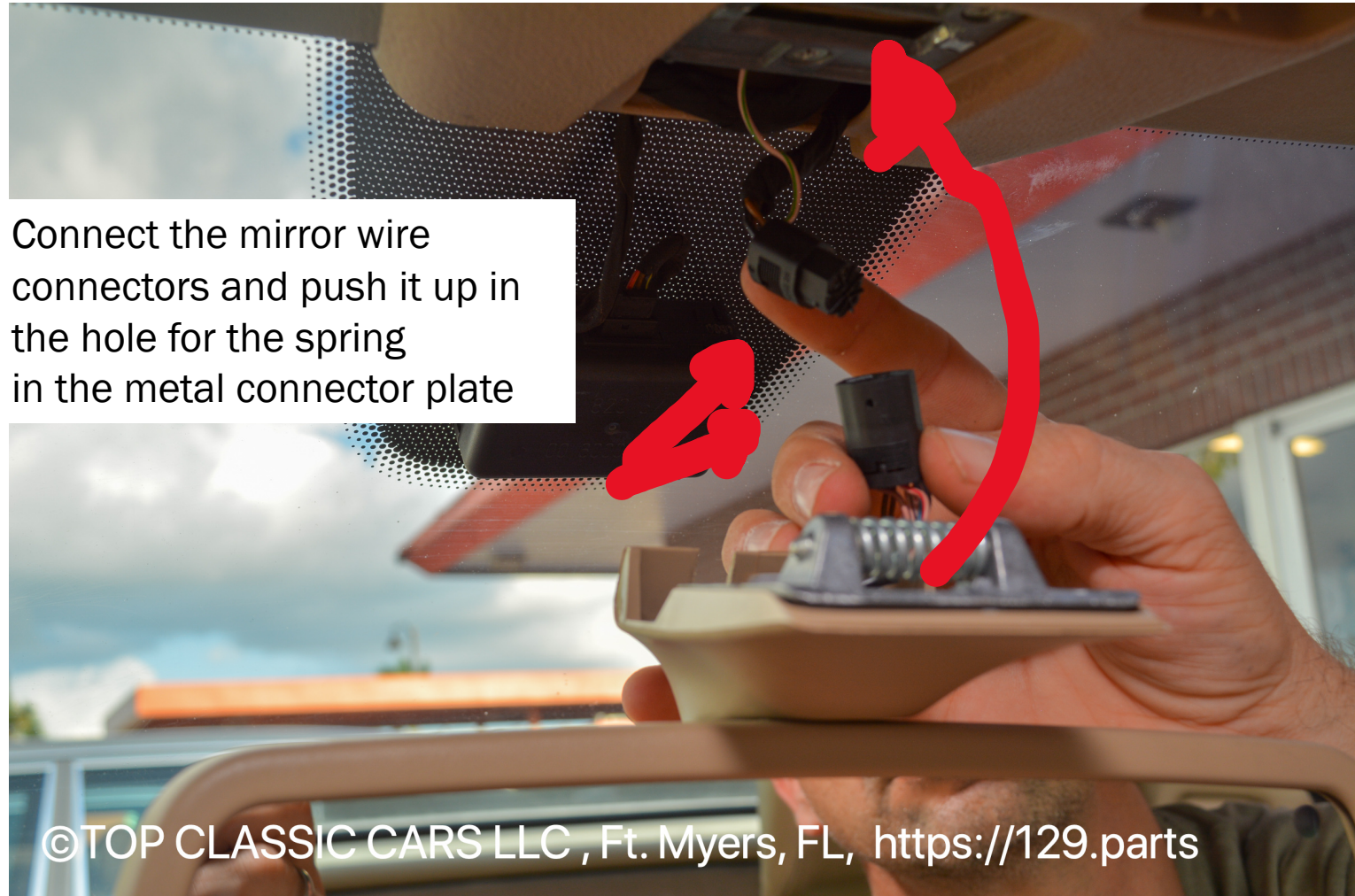


Most of the job is done!



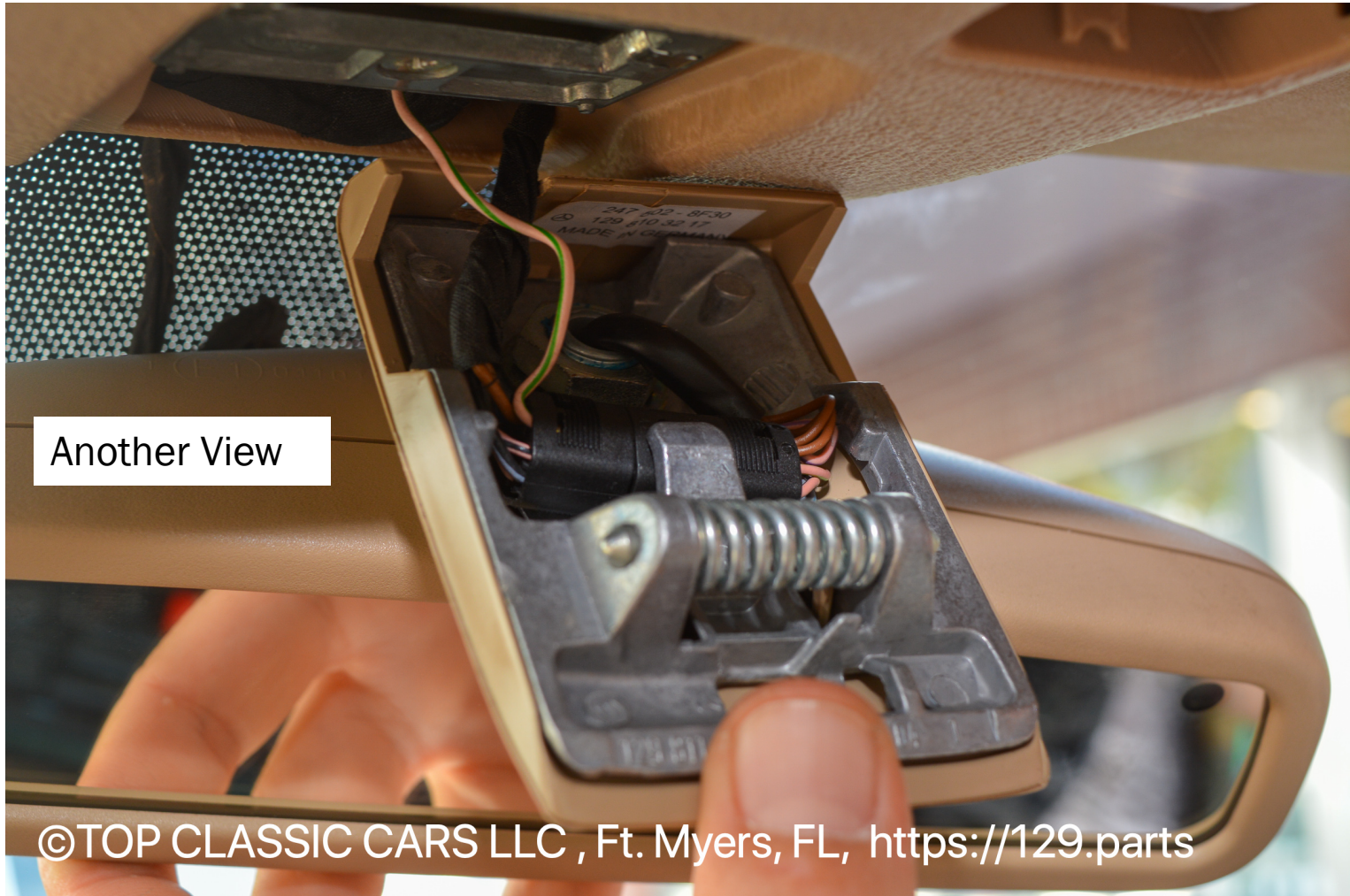
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Connect the mirror wire connectors and push it up in the hole for the spring in the metal connector plate

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Another View

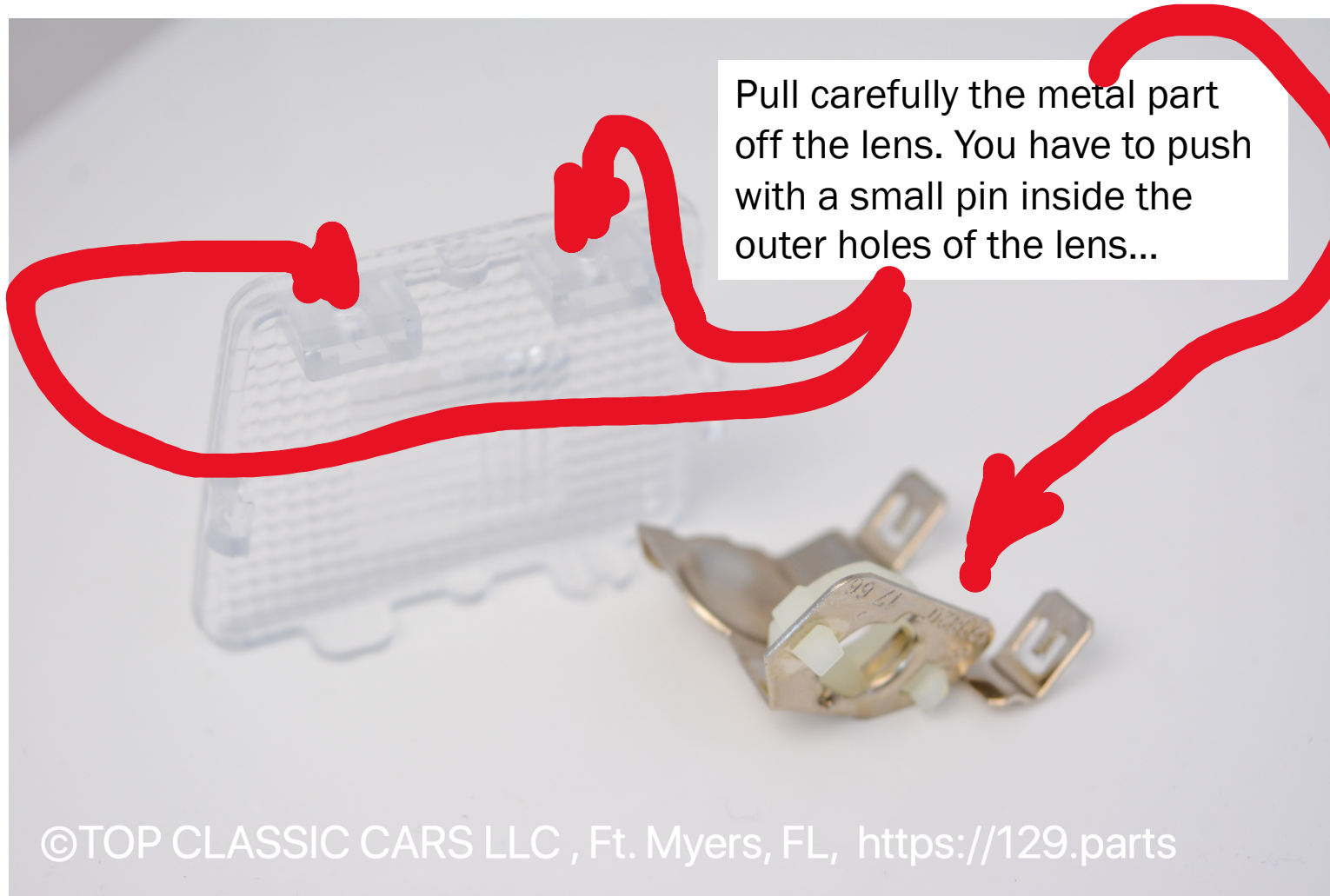
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Done. Last step are the lenses... We send you 2 self produced ones in the set. But you can use the genuine ones too! Take only the metal reflector and bulb holder off the lens.

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Push the 2 Lenses in the
openings.
Gratulation, you are done!



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