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Stainless Door Sill Kit

For The

Chevy SS, and Holden VF models:

Installation Instructions

(patent applied for)

Introduction

One area we felt needed improvement on the Chevy SS and Holden VF models is in the area of the stock stainless door sills. They look rather bland and unexciting on such a stylish and unique car! So, G8 Designs decided to offer a new concept for your door sills with our hot new stainless sills with EL backlighting! With these instructions, our door sills will be quite easy to install, usually in about 1 hour per side, and will create a dramatic impression every time you and your guests step into your car! Just another unique and innovative product created by G8 Designs!

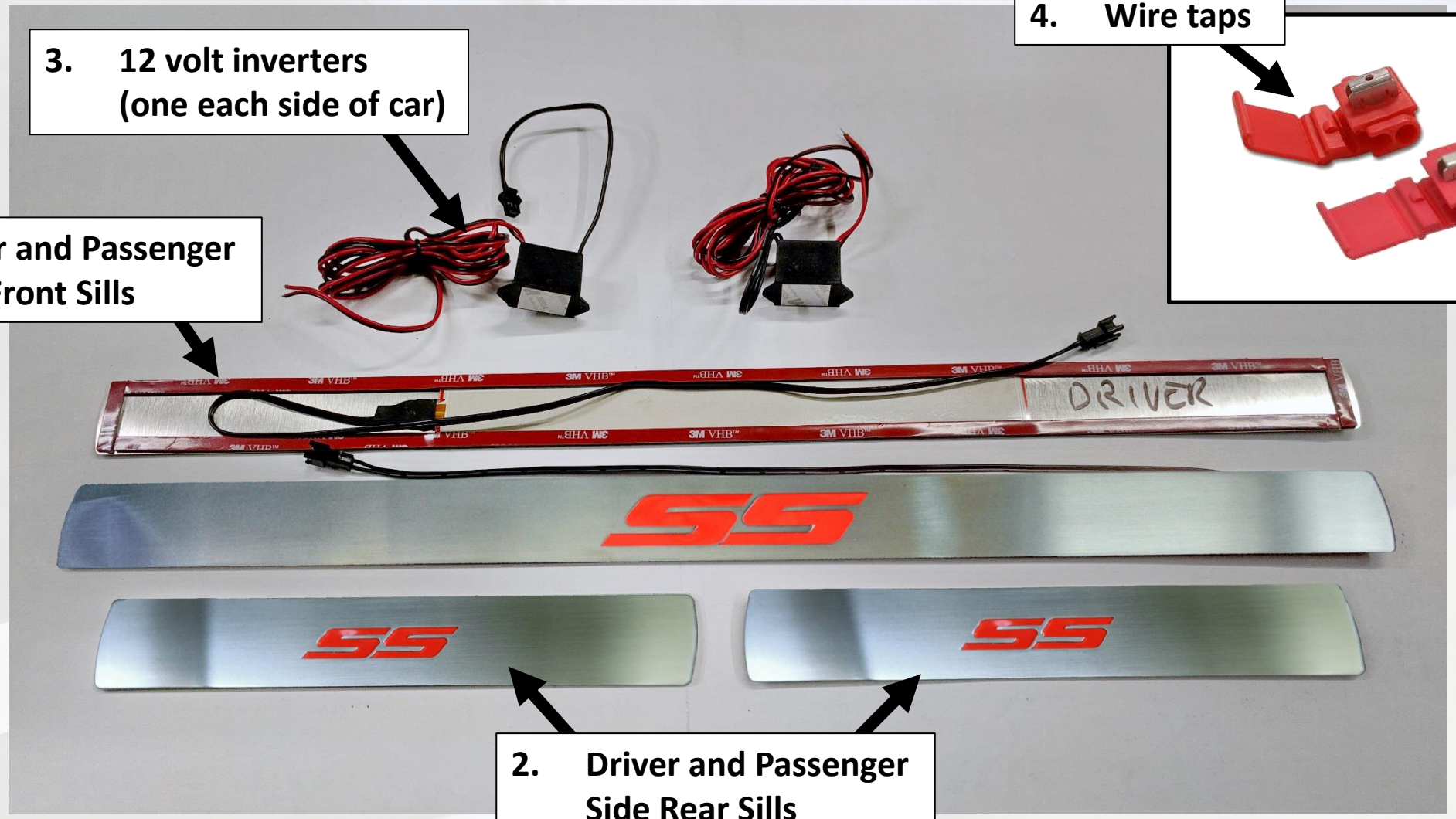
MADE IN U. S. A.

Warranty

Your G8 Designs door sills come with a full one year warranty against defects and workmanship. The EL illumination used in our product is known to be highly reliable, but we will repair or replace the illumination strips or 12 volt inverters if they should fail within one year of purchase.

Warranty issues should be directed to:
G8 Designs in Tallahassee, Florida, via email address: G8DESIGNSFL@gmail.com, or contact us through our Facebook page: www.facebook.com/g8designs

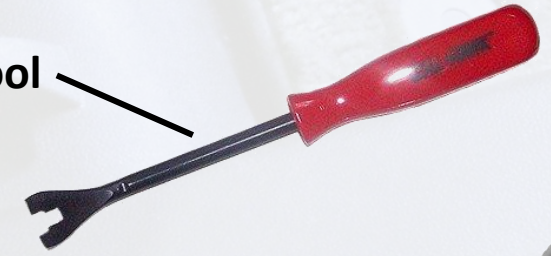
What's Included:



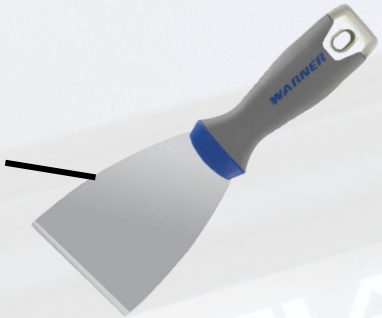
Tools You Will Need

To install your G8 Designs™ Stainless Door Sills, the following tools and supplies are suggested:

1. **Automotive trim removal tool**



2. **Flat, stiff pry tool, such as painter's scraper**
   An old butter knife can work as a substitute

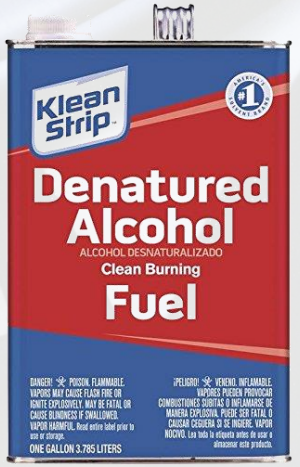


3. **Wire stripper / crimping tool**

4. **Drill with multi-bit for drilling ¾" hole in plastic base**
   (or a Dremel tool and bits)

7. **T-20 Torx Wrench**

5. **Denatured alcohol or rubbing alcohol to clean and prep surfaces (available at many home and shopping stores)**

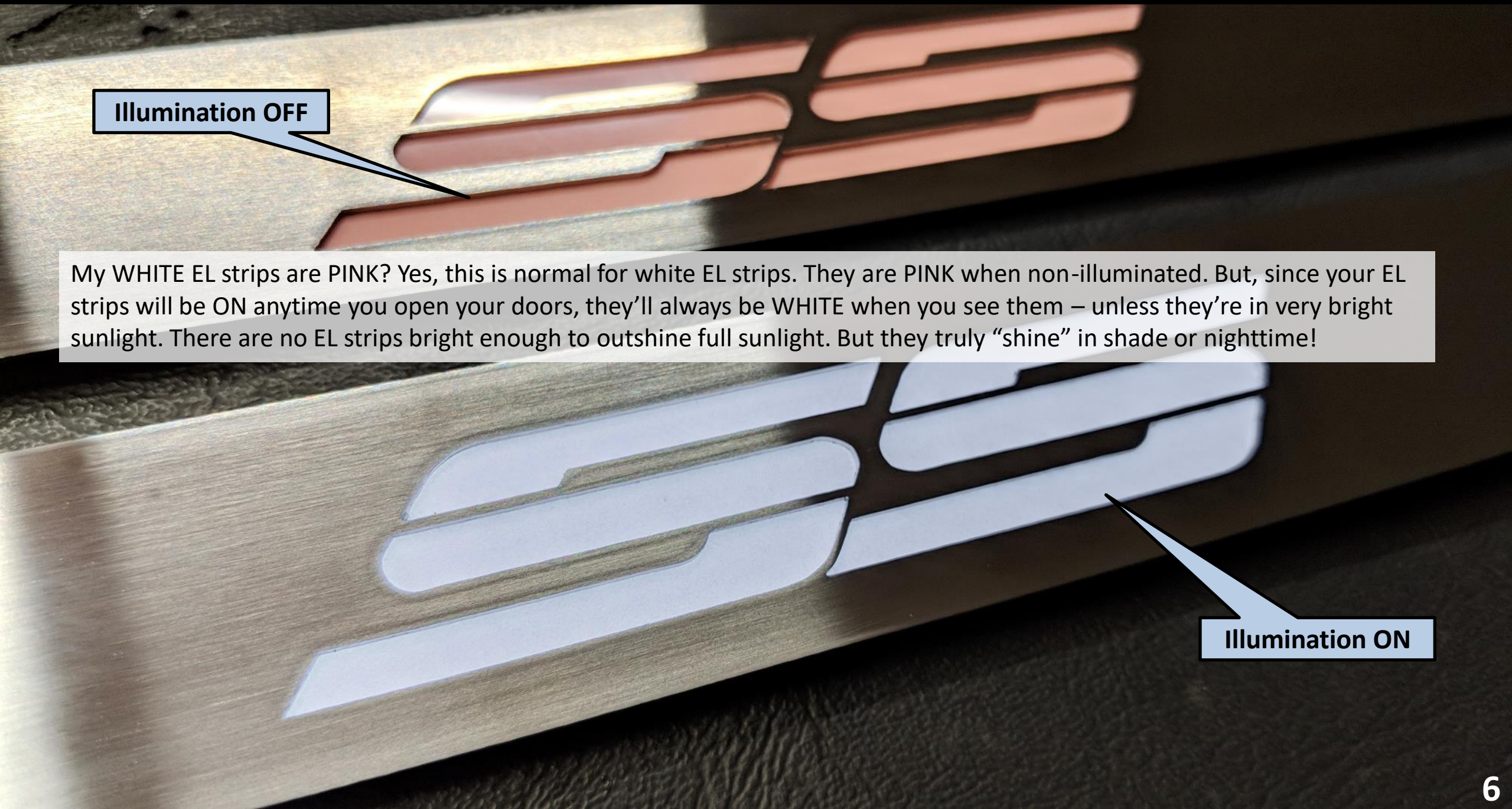


6. **Ratchet Wrench & 10mm socket**

8. **Paper Towels to clean and prep surfaces**

If you have any questions during the install of this product, contact G8 Designs for assistance!
Email us at G8DESIGNSFL@gmail.com OR message us through our Facebook page for live chat.

WHITE EL Strips



My WHITE EL strips are PINK? Yes, this is normal for white EL strips. They are PINK when non-illuminated. But, since your EL strips will be ON anytime you open your doors, they'll always be WHITE when you see them – unless they're in very bright sunlight. There are no EL strips bright enough to outshine full sunlight. But they truly "shine" in shade or nighttime!

Handling and Care of Your G8 Designs Sills

Our sills are made of a very durable stainless steel sheet material with a hand-brushed finish, and automotive grade double-sided adhesives are used on the back side to adhere them to your plastic door sill base. The EL element has wiring that connects to our 12 volt inverters to power the lighting when doors are opened.

When you remove our sills from the packaging, it's very important that you handle them carefully prior to installation. The metal will bend easily, and if you are not careful, you can put a slight bend or kink in the material that may not be able to be straightened out, which will affect the appearance of your sills. Please do not lay them on a seat, or any place they might be stepped on, accidentally sat on by yourself or anyone nearby, or where household objects might be laid on top of them or fall on them. G8 Designs is not responsible for any damage from mishandling after you receive them.

Stainless steel is a hard, durable material. It will not rust or corrode, and will last the life of your vehicle and beyond. However, as hard is the material is, if you step on these sills with dirt on your shoes, the dirt particles WILL leave nicks and scratches in the hand-brushed surface. These scratches are nearly impossible to eliminate without laborious longitudinal sanding with various sanding materials of progressively finer grits. So, please ensure you do not step on these sills and inadvertently leave scratches, or the appearance will be diminished.

Rainwater can accumulate along the bottom of the door jamb area of your car. Also, condensation on humid days can form, and your G8 Designs sills can become wet or soaked. Water will not affect the steel, or the EL illumination strips, or the low voltage wiring. We leave slight gaps in the adhesive tape on the back side to allow any moisture accumulation underneath to evaporate during driving or vehicle use. You may simply wipe the sills carefully with a soft cloth to dry them, being careful not to snag or bend the sharp edges of the cut-out designs.

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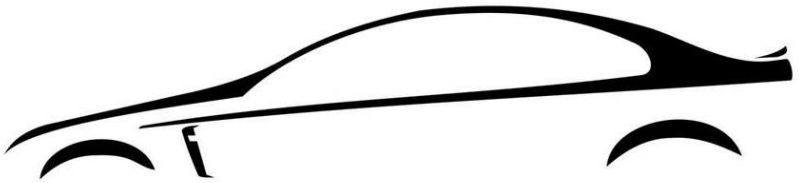
Step 1: Remove Factory Sill Strips



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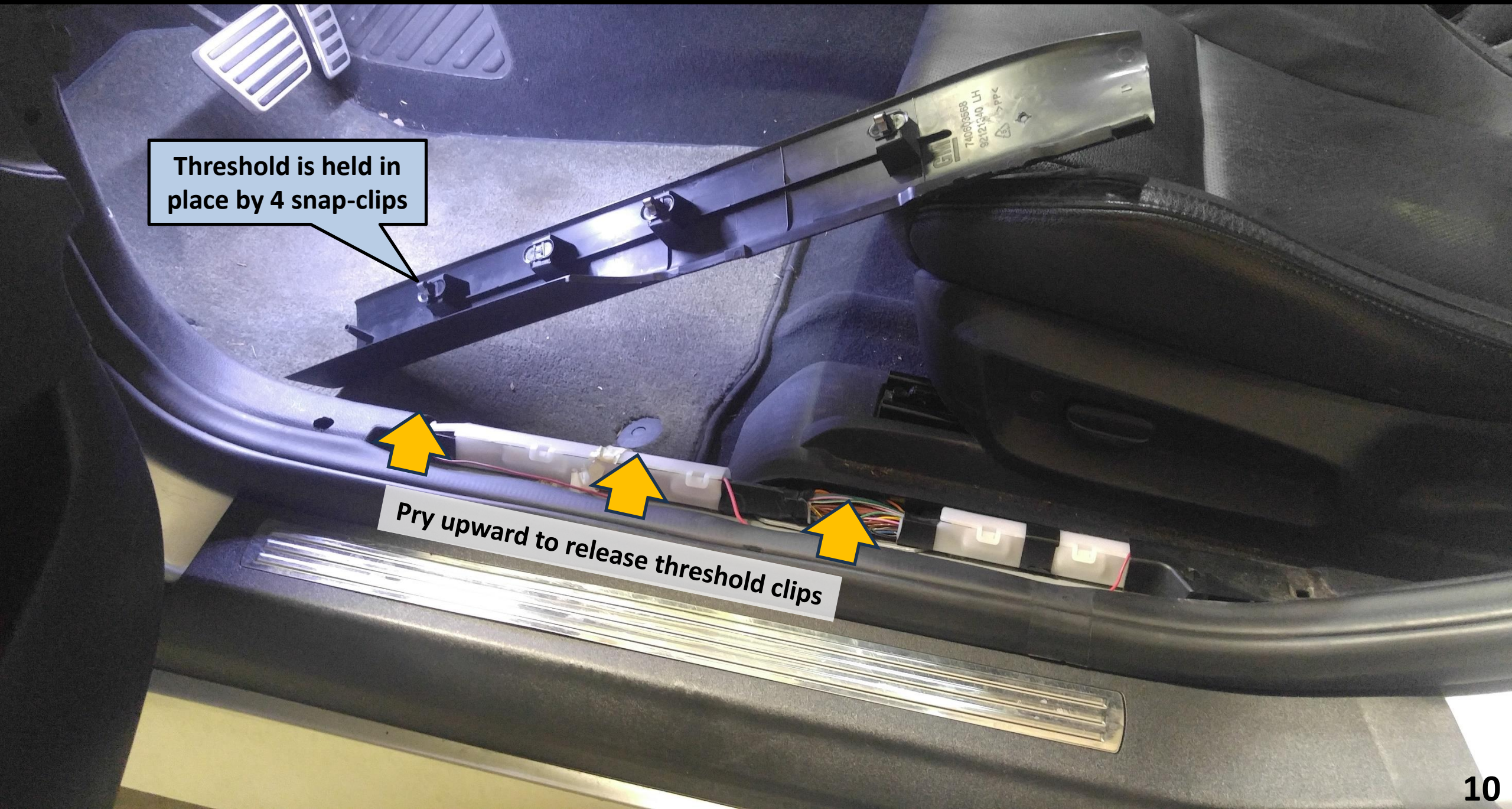
Removal Of Plastic Inner Door Threshold

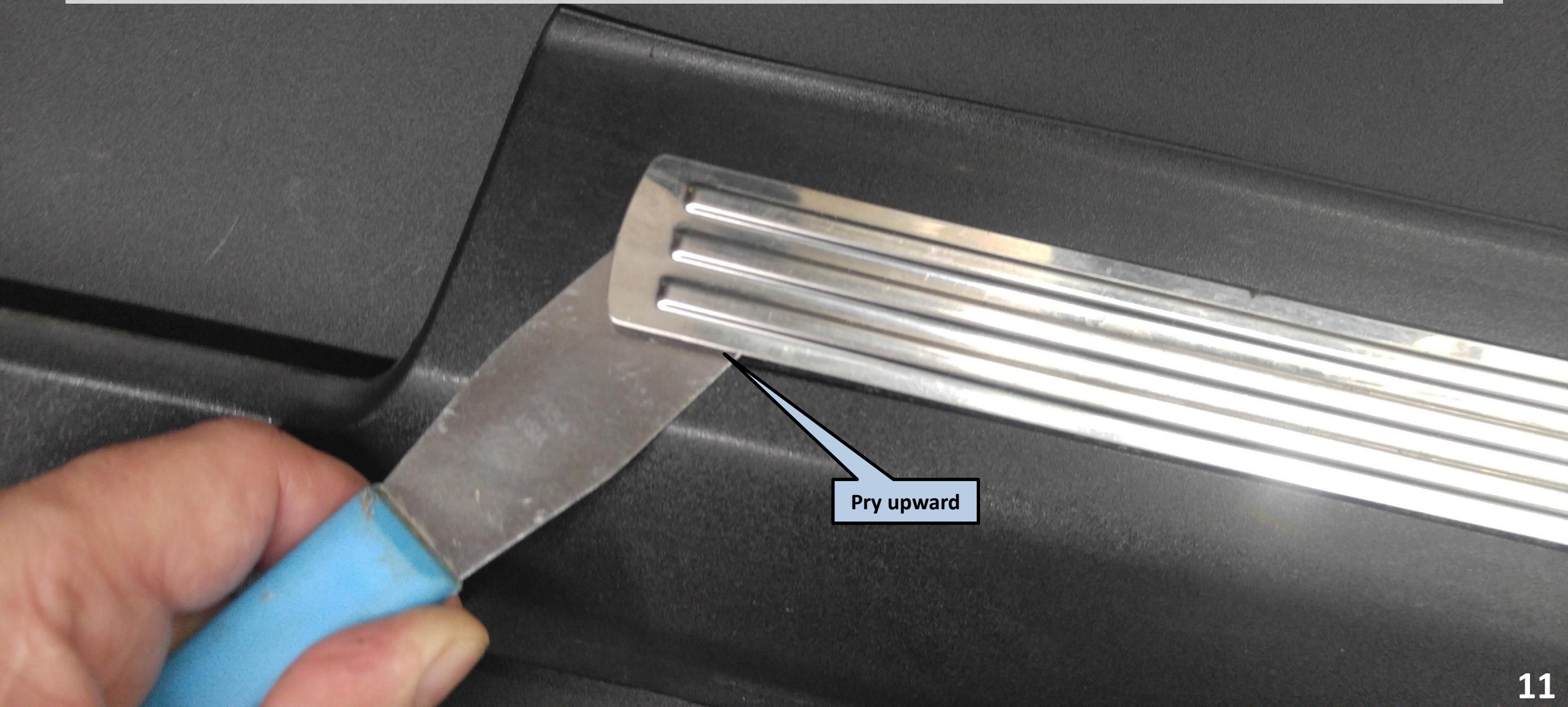
Remove the plastic inner door threshold by pulling upward carefully.

Removal Of Plastic Inner Door Threshold

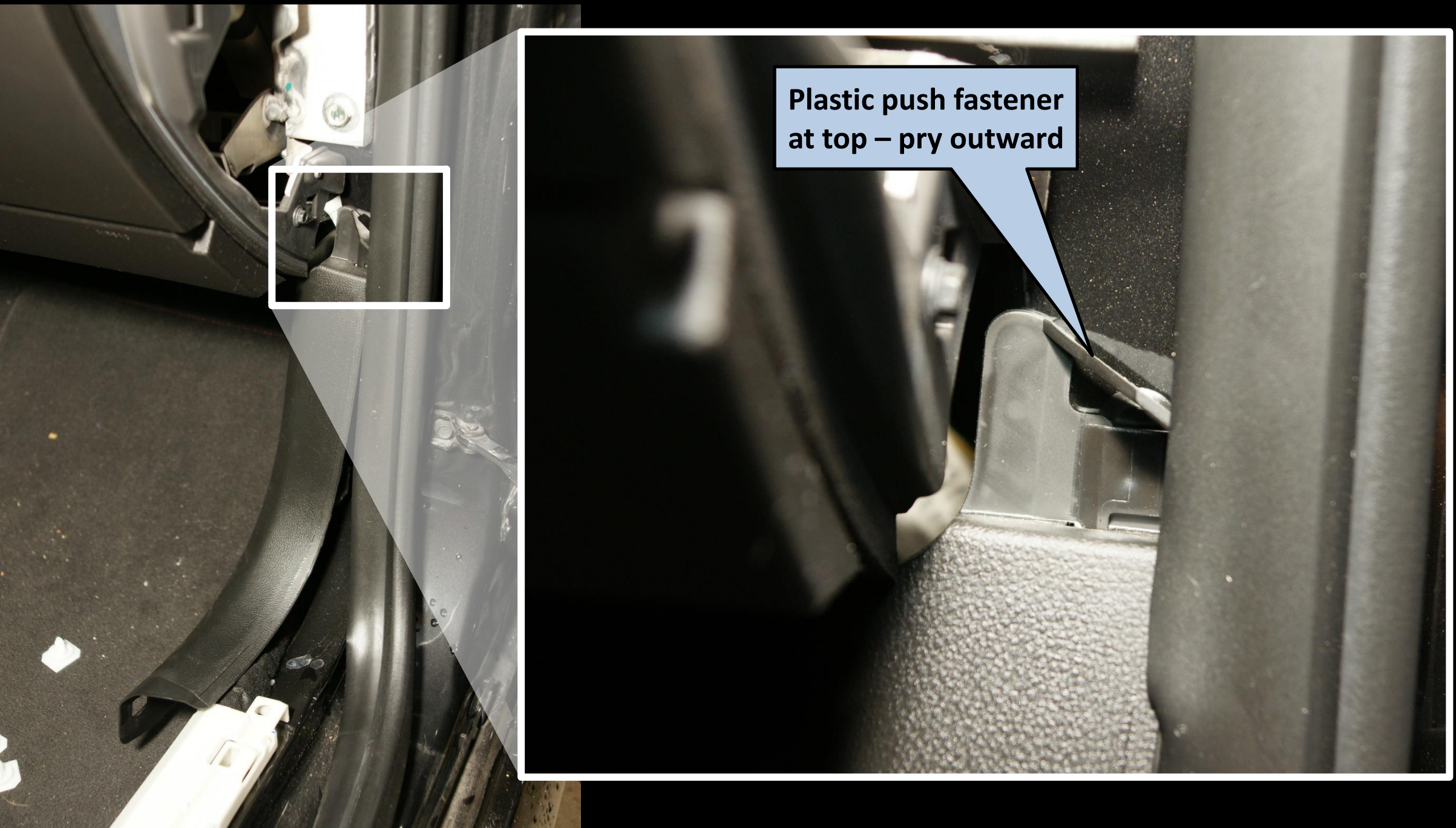


Removal Of Factory Sill Strips

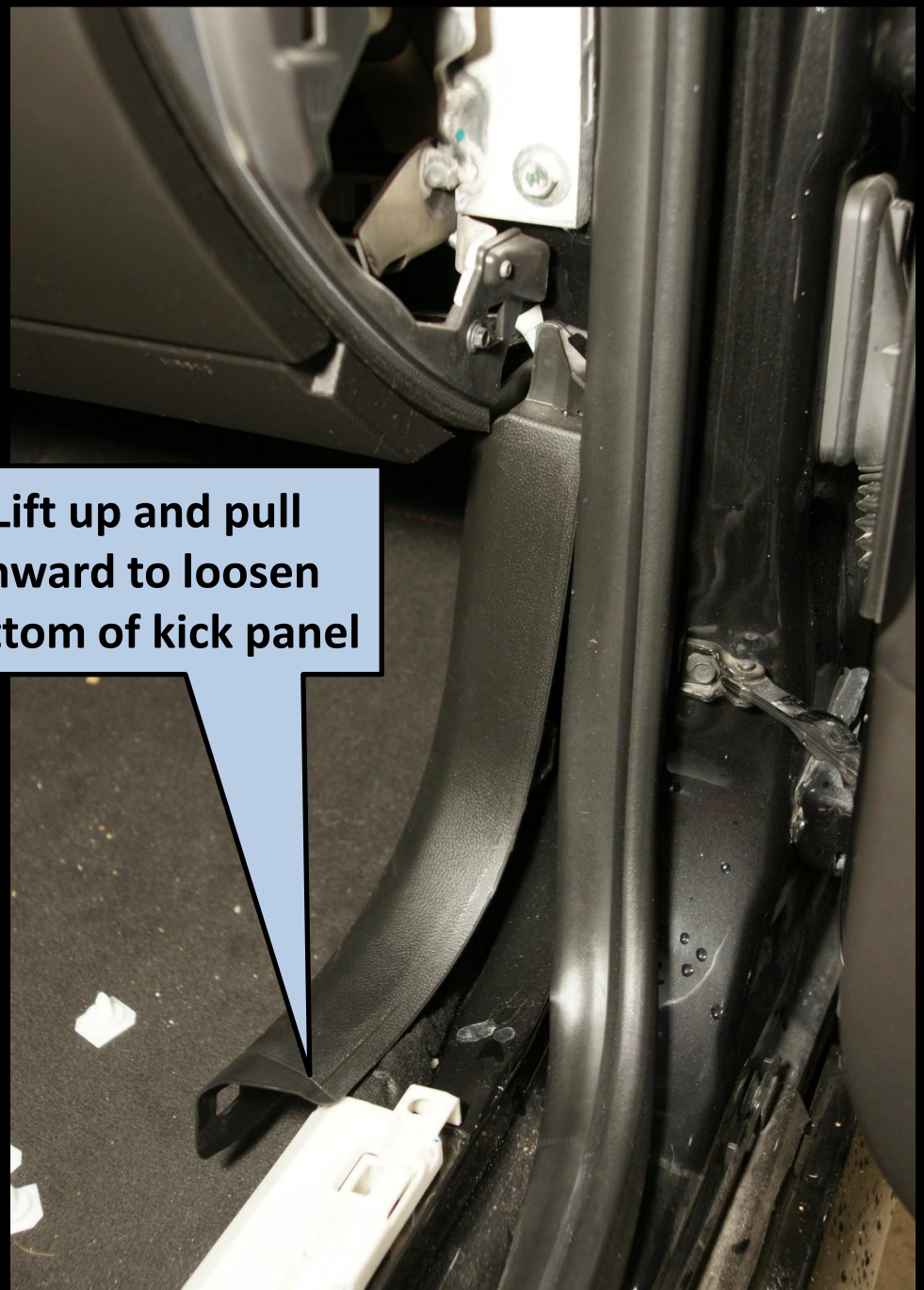
With your flat pry tool, carefully slip the edge under the stock stainless strips and pry them up. They are adhered to the plastic base with double-sided foam tape. You can attempt to preserve them by not bending them if you like, but we suspect you won't need them anymore after you install our kit!



Removal Of Kick Panel

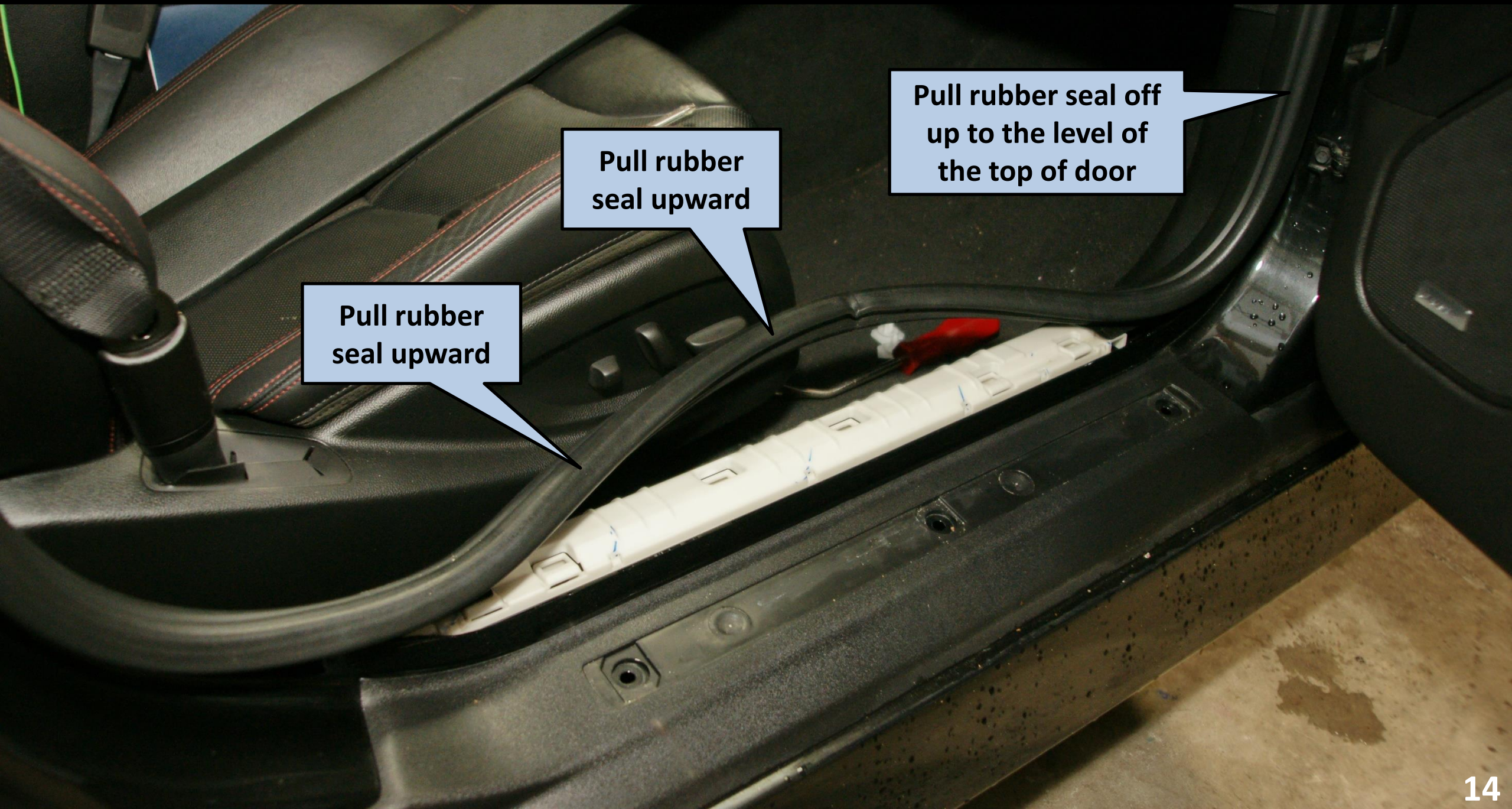


Removal Of Kick Panel



Area Behind Kick Panel

Pull rubber door seal up – wire for EL strips runs underneath it



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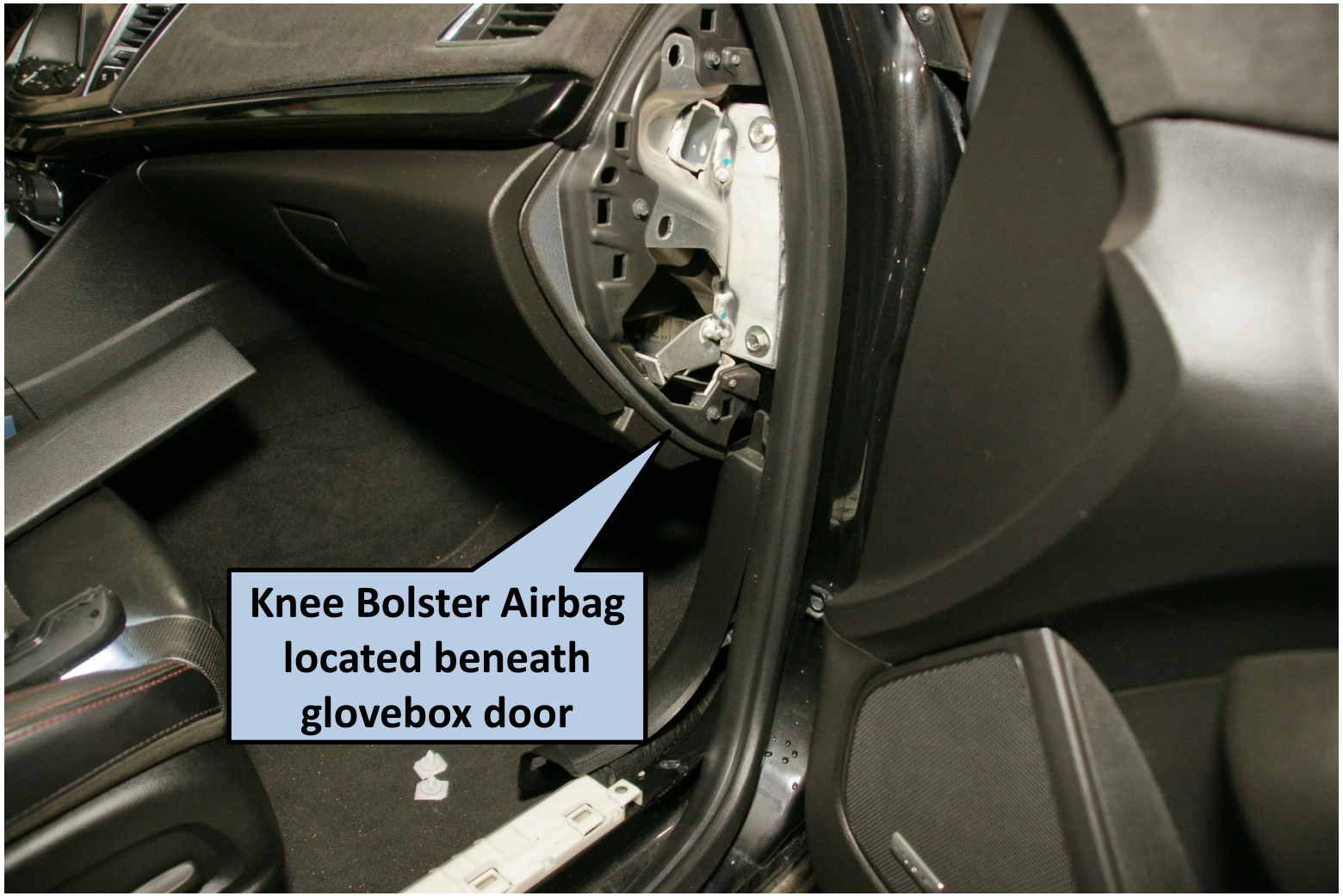
Step 2: Removing Knee Bolster Airbag

(patent applied for)

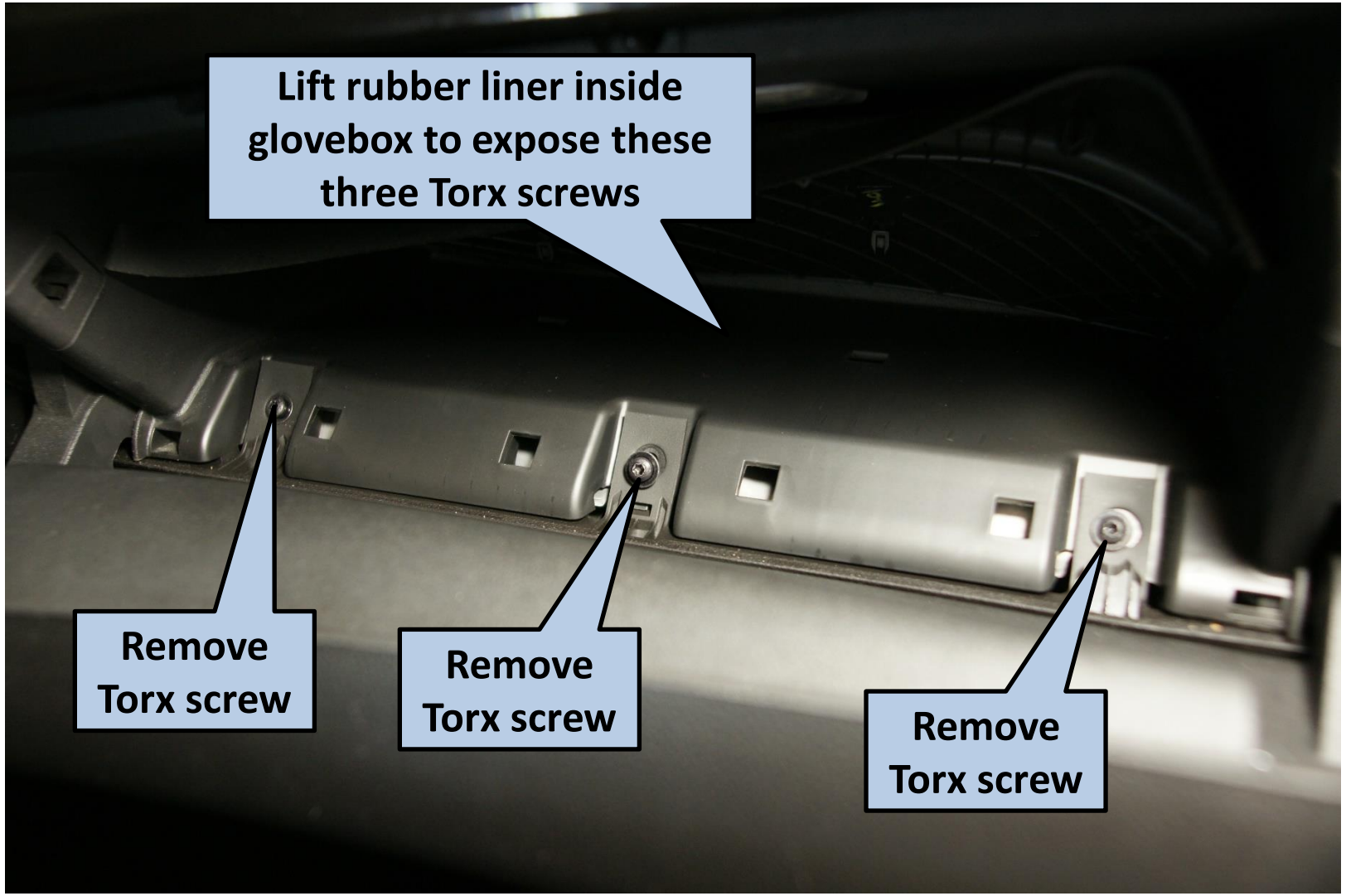
This step is not mandatory, but because the BCM (Body Control Module) is so difficult to access (to tap in the power wire for the door sill lighting), removing the knee bolster airbag can be helpful in seeing and accessing the BCM area to make your wire connection. It's fairly simple to temporarily drop this airbag down to the floorboard to gain a better view and access to the BCM wiring.

IMPORTANT: Battery Positive (red) cable is OFF and disconnected from the battery, to avoid inadvertent discharge of airbag, and airbag fault codes! With battery disconnected, you can work safely in this area.

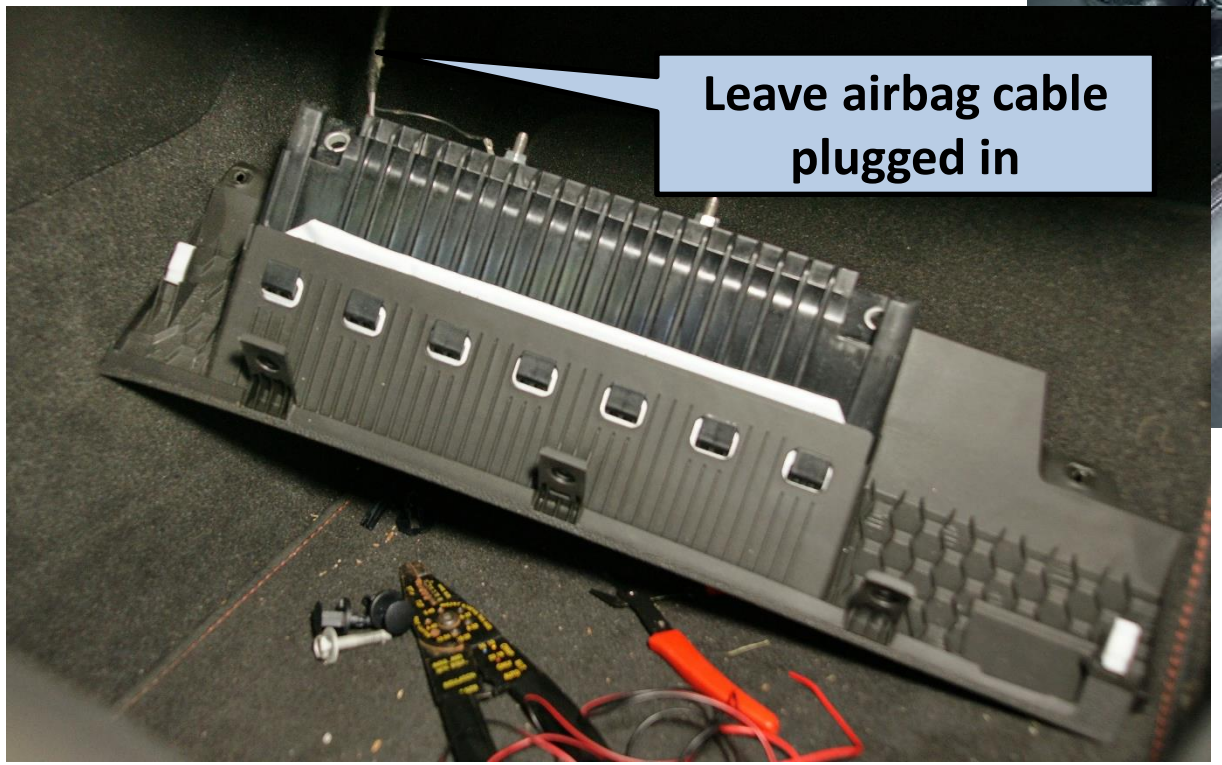


The Knee Bolster Airbag is fastened along the top edge inside the glovebox with three T-20 Torx Screws, hidden under the rubber liner. Lift liner and expose the screws, and remove them.

T-20 Torx Wrench



The Knee Bolster Airbag is held on the bottom by two 10mm screws (long ones) found along the bottom edge of the airbag facing the floor. Remove these two screws with a rachet wrench and 10mm socket. Once removed, the airbag can be pulled free and laid on the floor.



There is NO need to disconnect the airbag plug! Just leave it connected and set the airbag aside.

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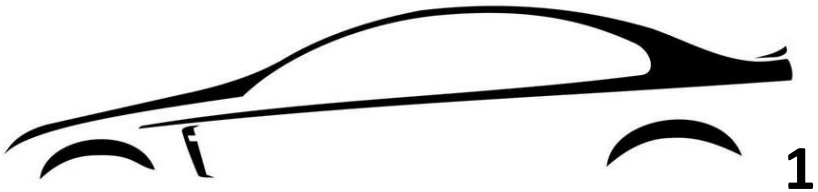
Step 3: Install Inverters and Wiring for EL Strips



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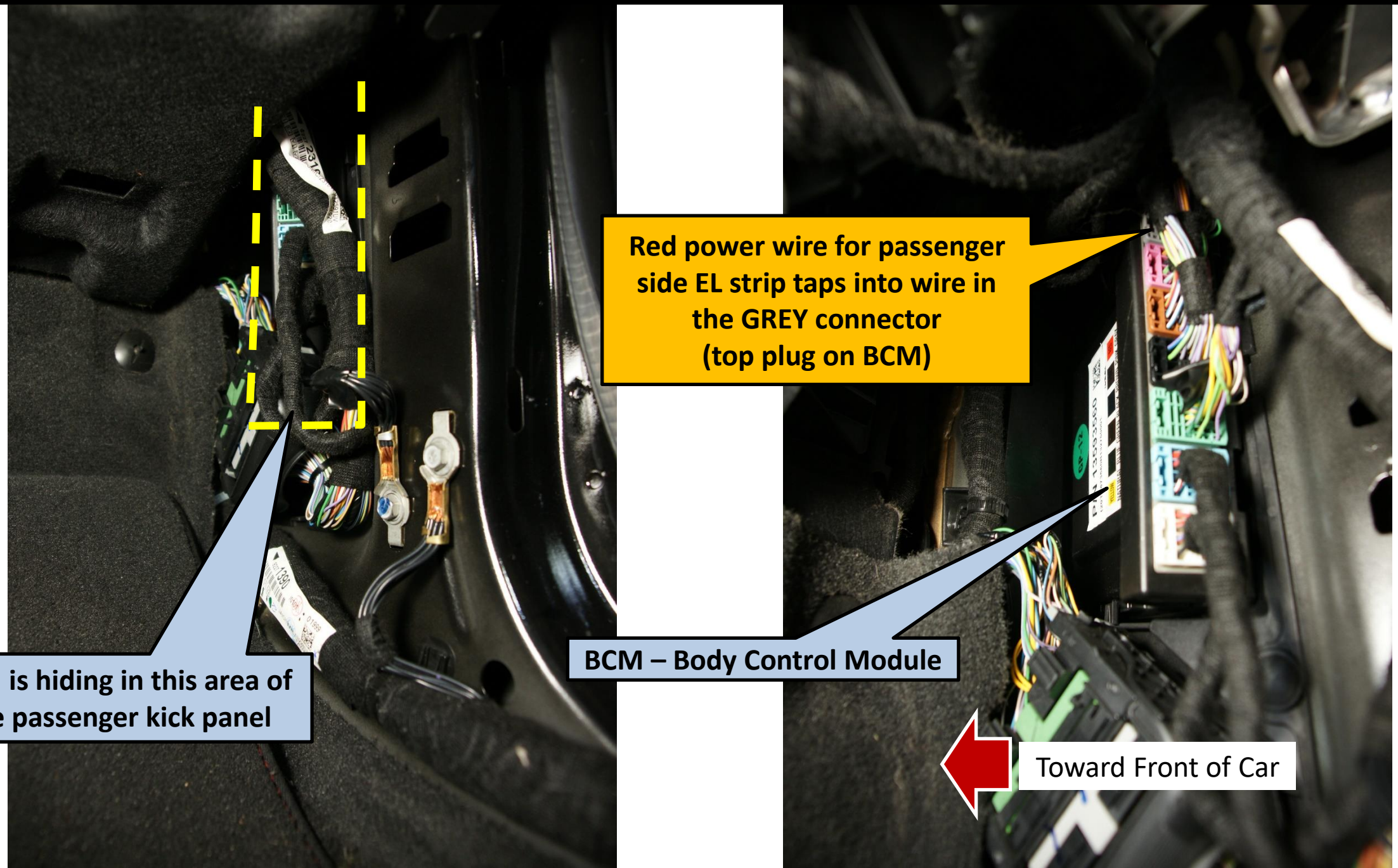
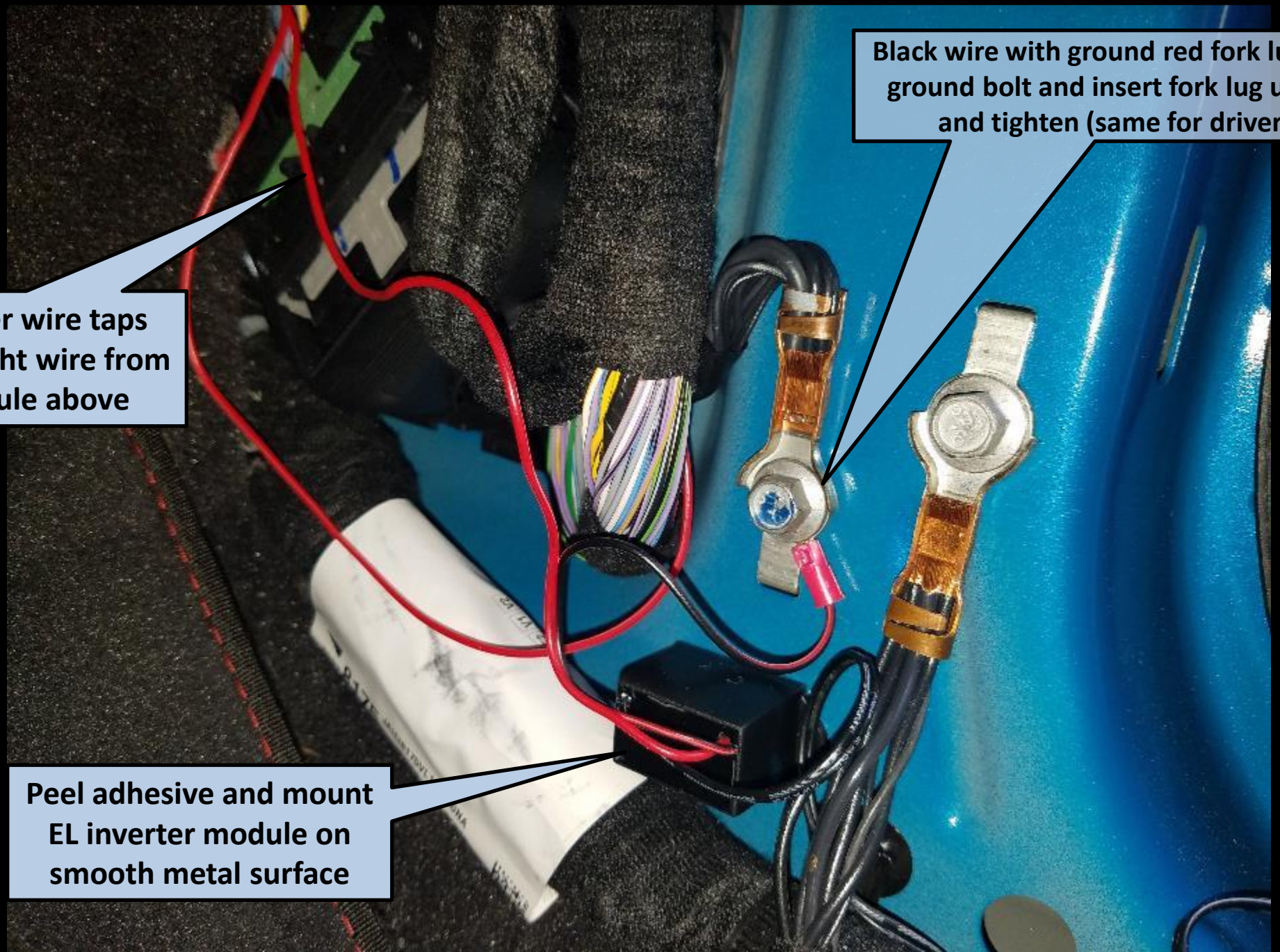
Location of BCM – Body Control Module



Wiring 12 volt power for EL inverters



Wiring 12 volt power for EL inverters

Body Control Module (BCM)

GREY wire - #1 Pin,
Goes to dome lights

(12 volts on this wire when doors open)

#1 Pin

Red Wire Tap

Red Wire from driver side inverter

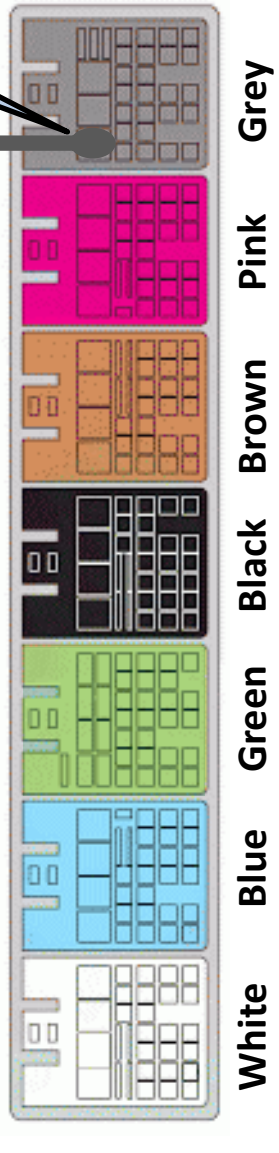
Tap one RED wire from inverter into GREY wire first, then tap second RED inverter wire into the first red wire.

Red Wire from passenger side inverter

EL Inverter

Passenger side inverter

Black wire to metal Chassis Ground

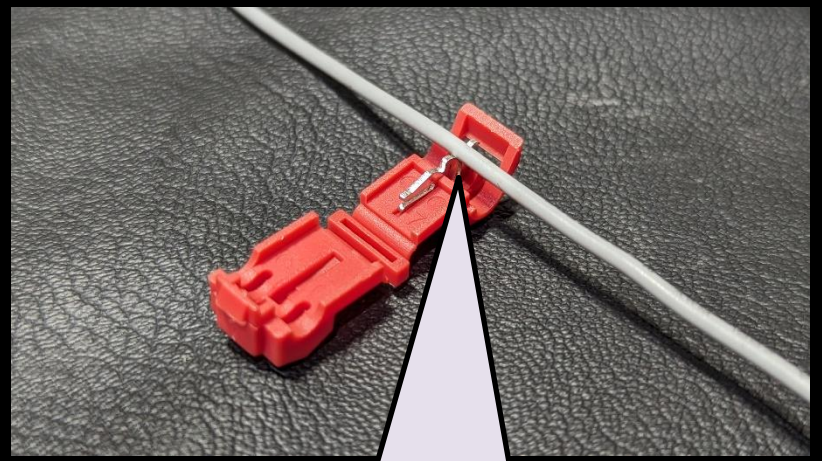


GREY connector at top of BCM contains wire for dome lamp circuit. Unplug GREY, PINK, BROWN, and BLACK connectors with key OFF to gain better access to wire for attaching wire tap, then plug all connectors back in before starting car.

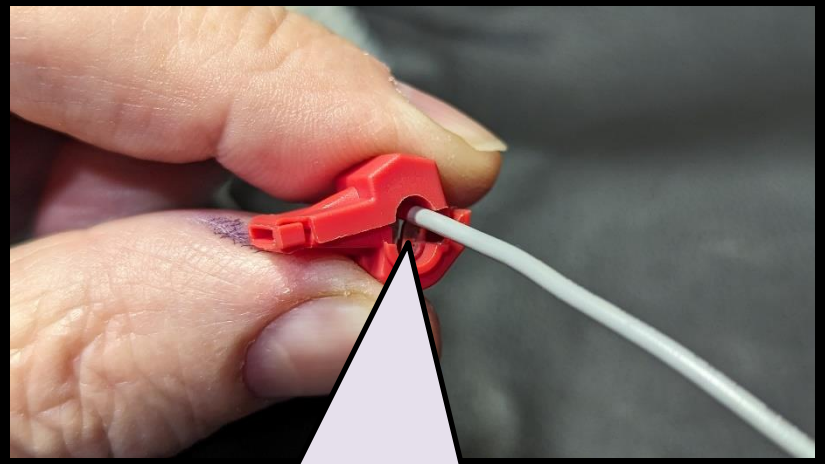
GREY wire, #1 pin of connector

BCM – Body Control Module

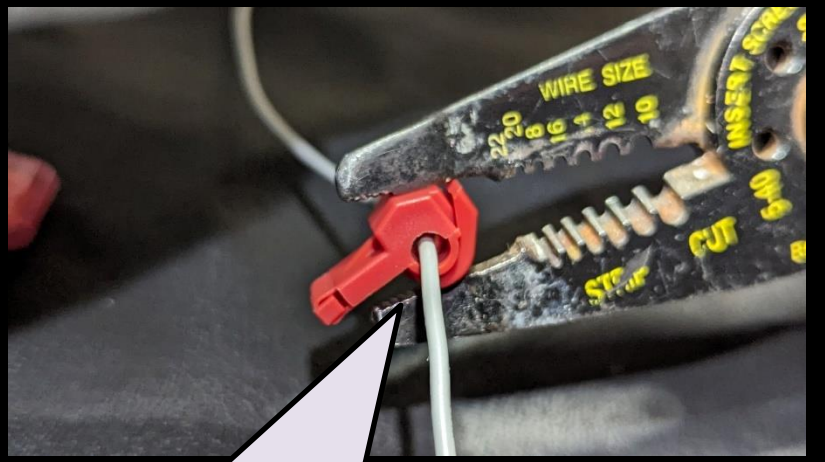
Installing Wire Tap (Insulation Displacement) Squeeze Connectors



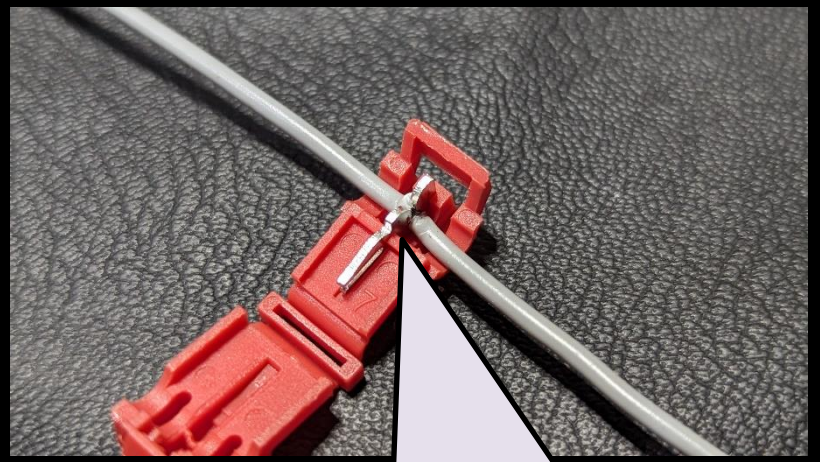
Position wire in jaws of metal blade as shown



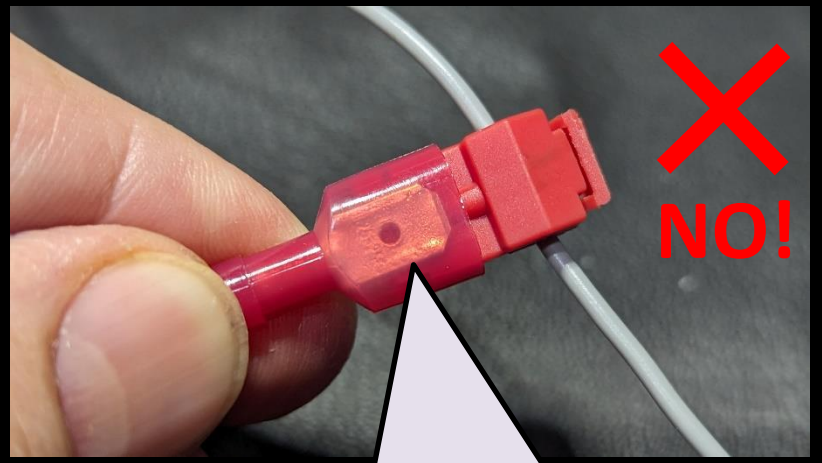
Metal blade will bite through wire insulation when squeezed



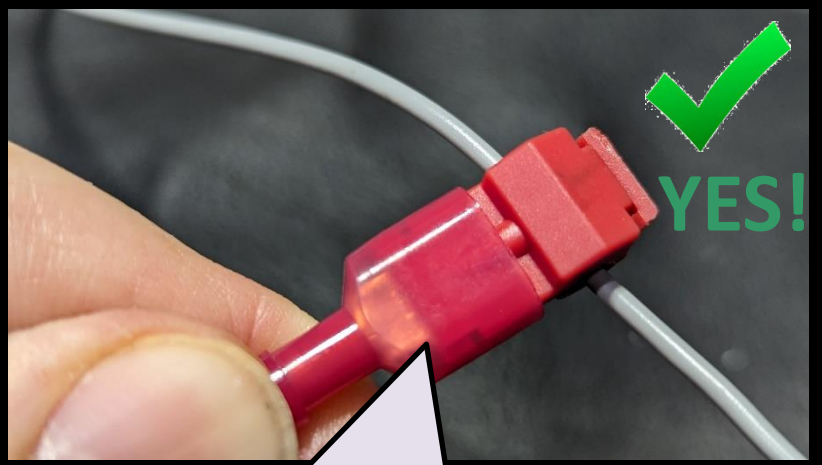
Use pliers to squeeze wire tap and bite through insulation



Once installed, wire insulation is pierced for solid connection

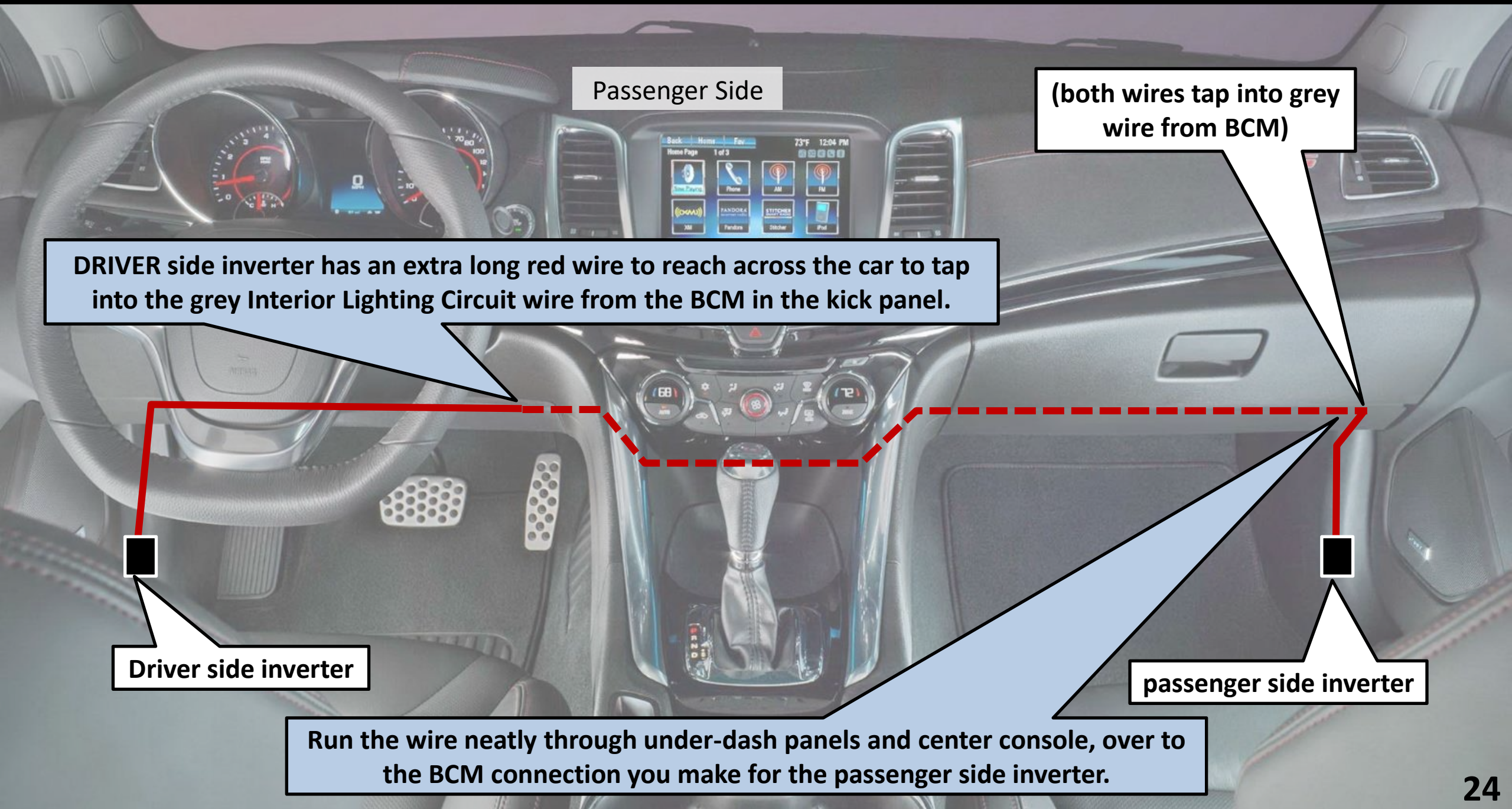


Be sure spade does NOT slip to the side – must go IN the slot!



Spade correctly IN slot for proper connection

Locate BCM (Body Control Module) in Passenger Kick Panel



Wiring 12 volt power for inverters

After wiring is completed, be sure no wires are hanging out, test illumination of door sill lighting, dress wires neatly, and reinstall airbag, glovebox, kick panels and threshold when done.

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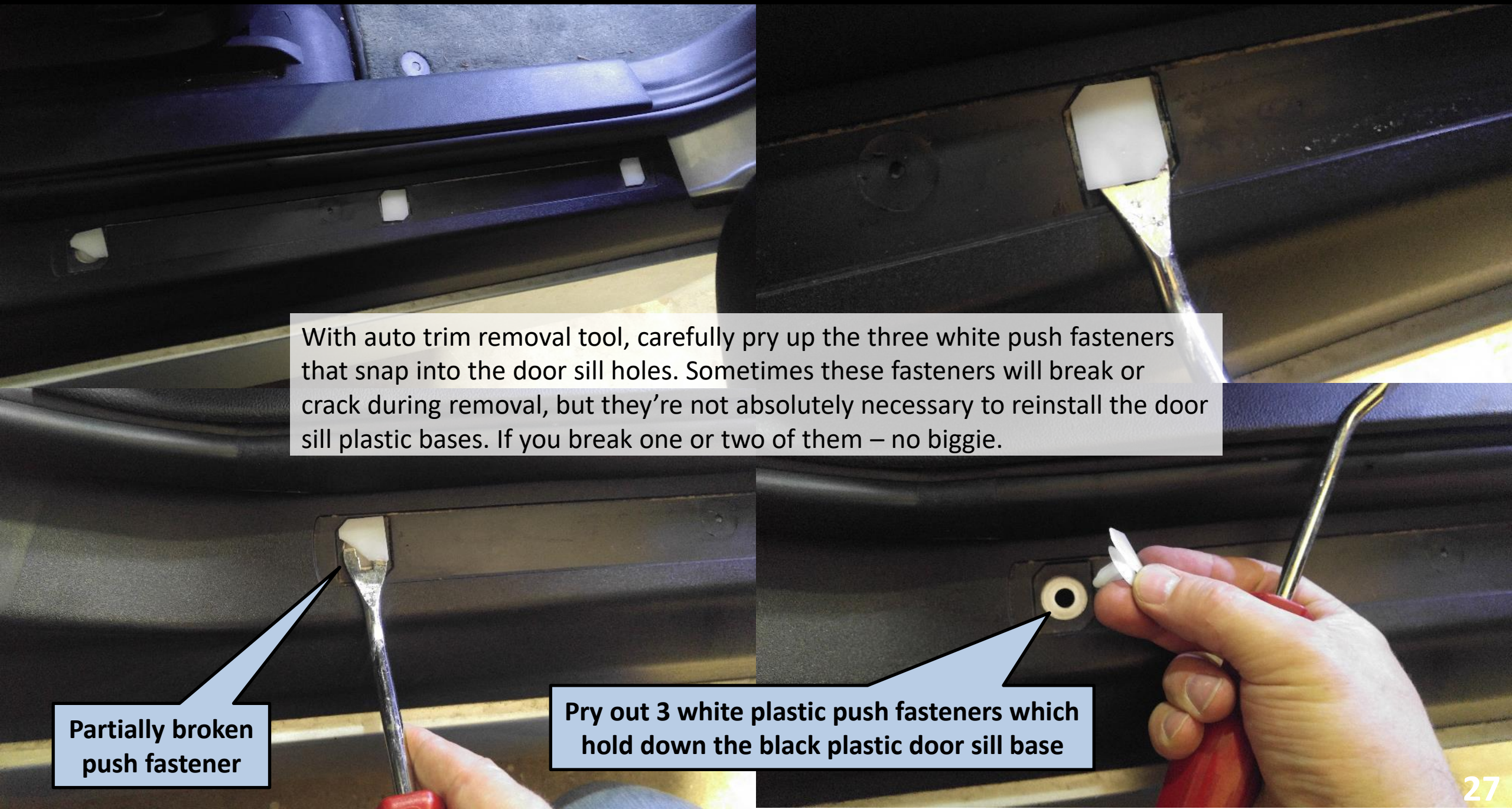
Step 4: Preparing Door Sill Plastic Base

(patent applied for)

Removing Door Sill Plastic Base



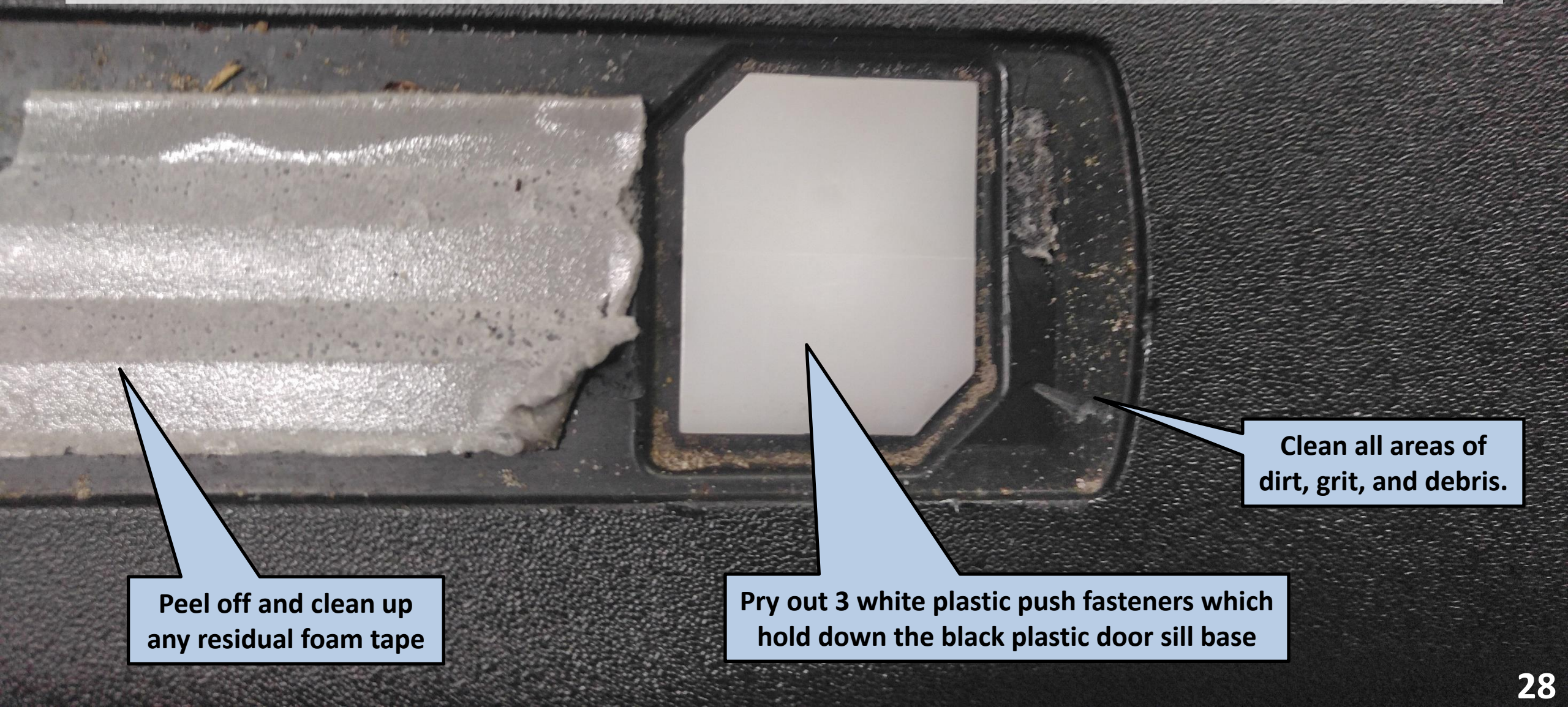
With auto trim removal tool, carefully pry up the three white push fasteners that snap into the door sill holes. Sometimes these fasteners will break or crack during removal, but they're not absolutely necessary to reinstall the door sill plastic bases. If you break one or two of them – no biggie.

Partially broken push fastener

Pry out 3 white plastic push fasteners which hold down the black plastic door sill base

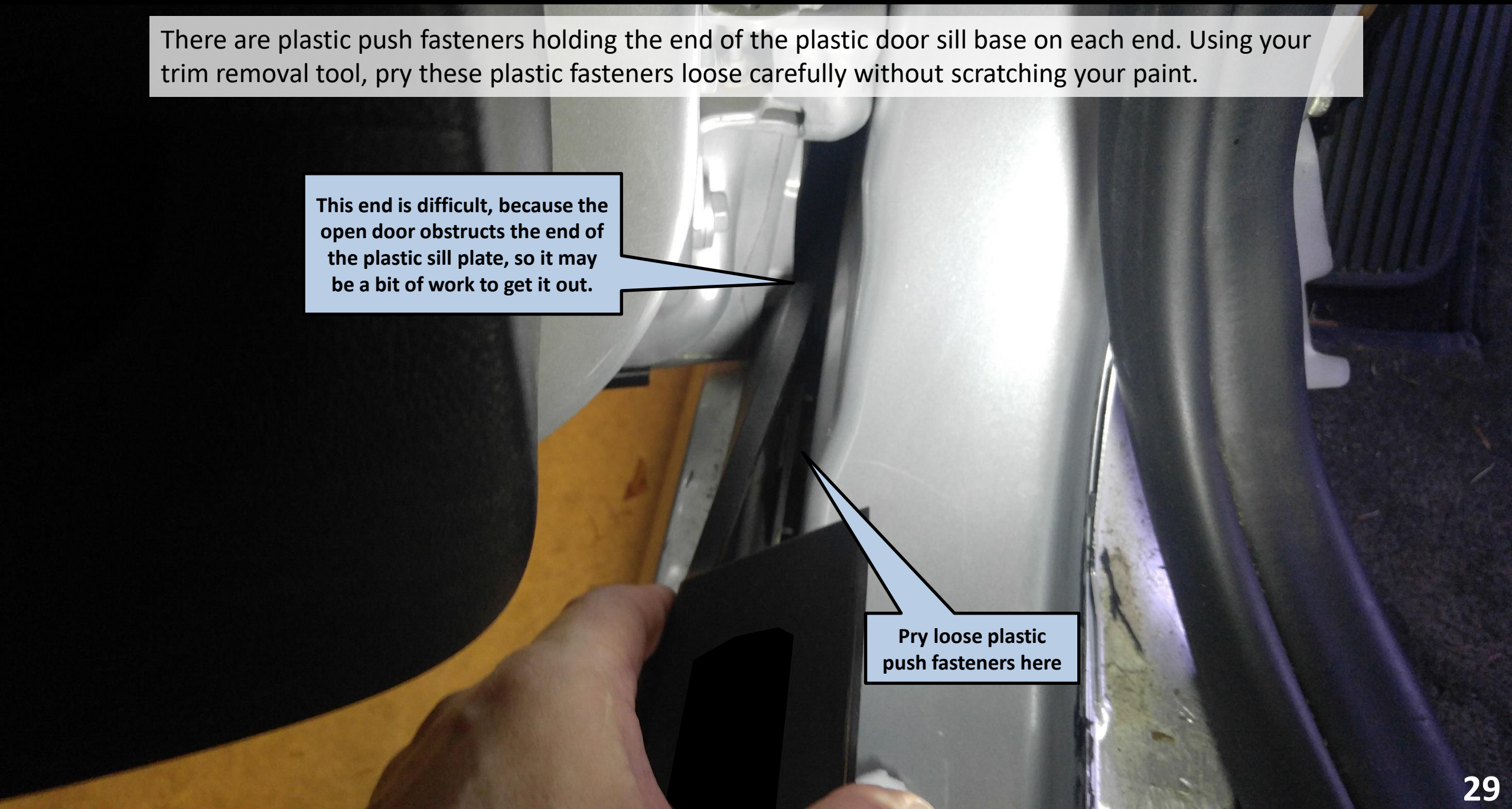
Preparing Door Sill Plastic Base

With auto trim removal tool, attempt to carefully pry up the three white push fasteners that snap into the door sill holes. Sometimes these fasteners will break or crack during removal, but they're not absolutely necessary to reinstall the door sill bases.



Removal Of Door Sill Plastic Base

There are plastic push fasteners holding the end of the plastic door sill base on each end. Using your trim removal tool, pry these plastic fasteners loose carefully without scratching your paint.



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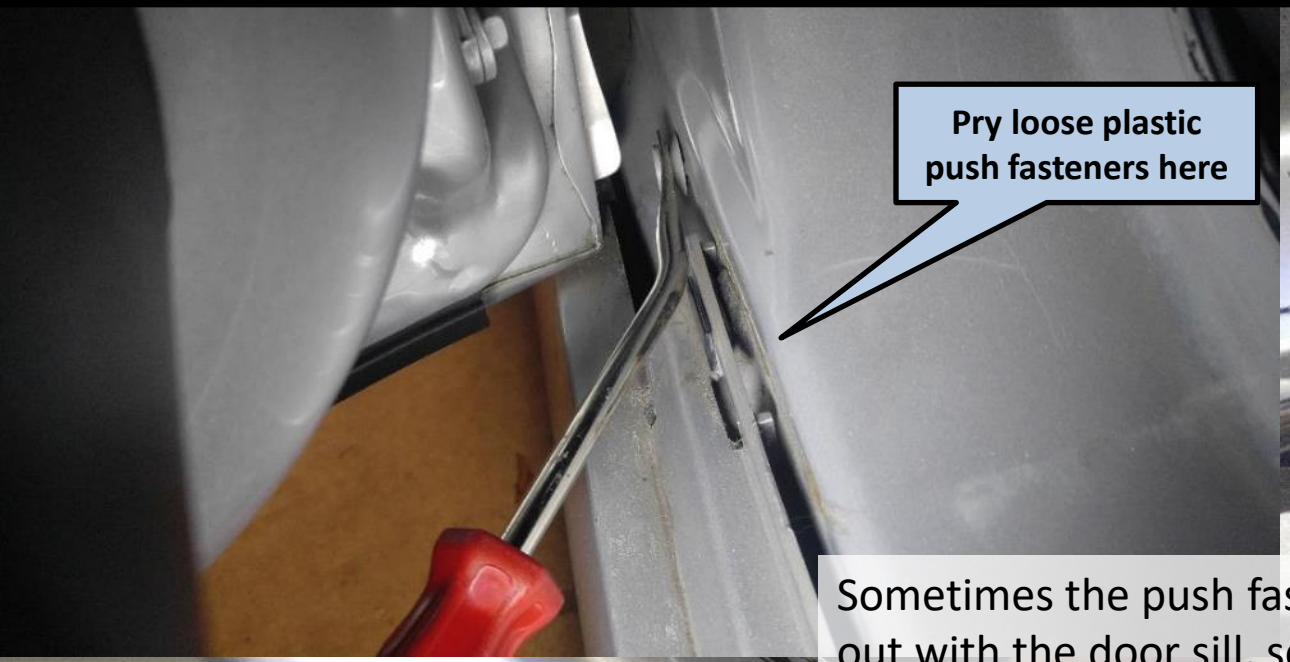
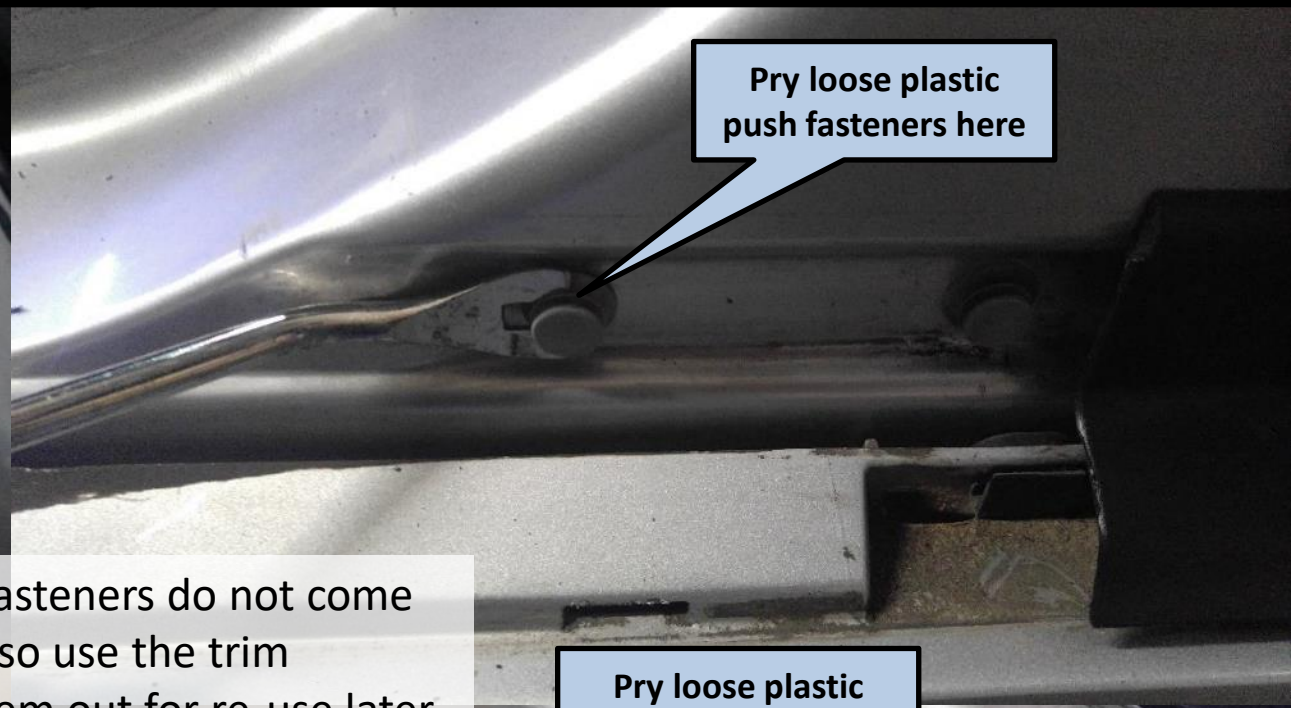
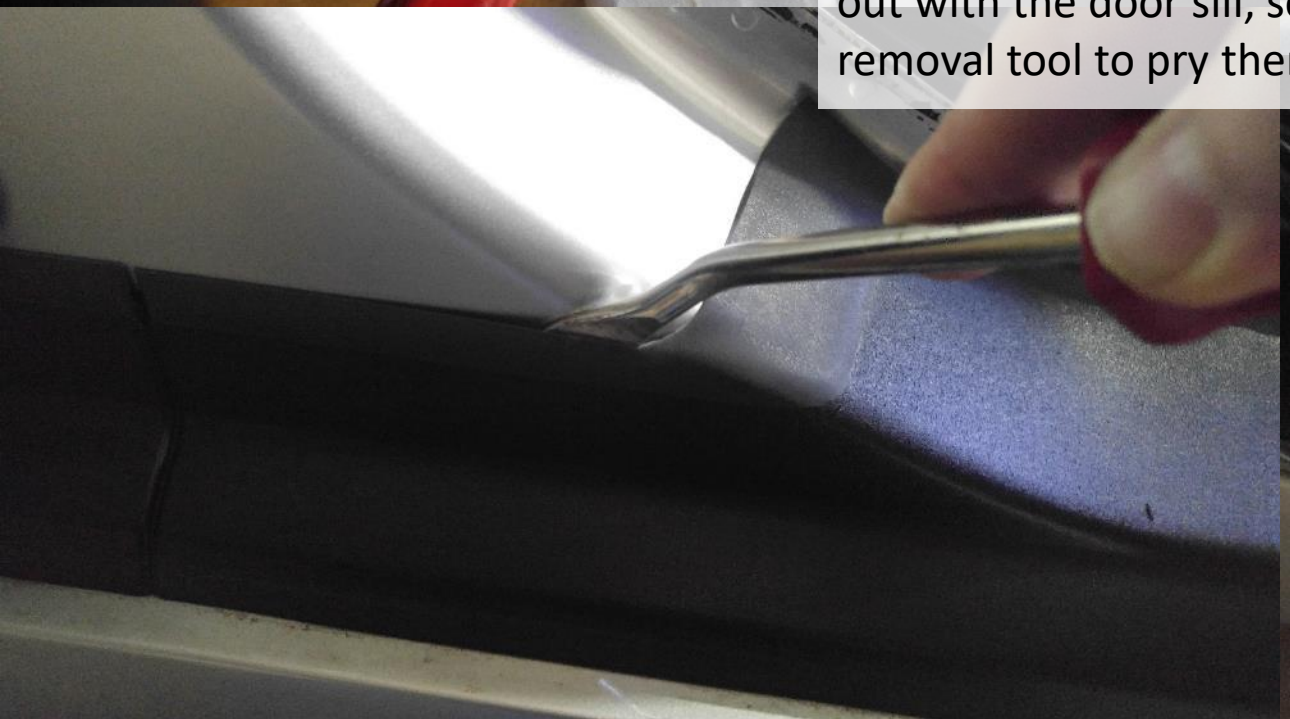
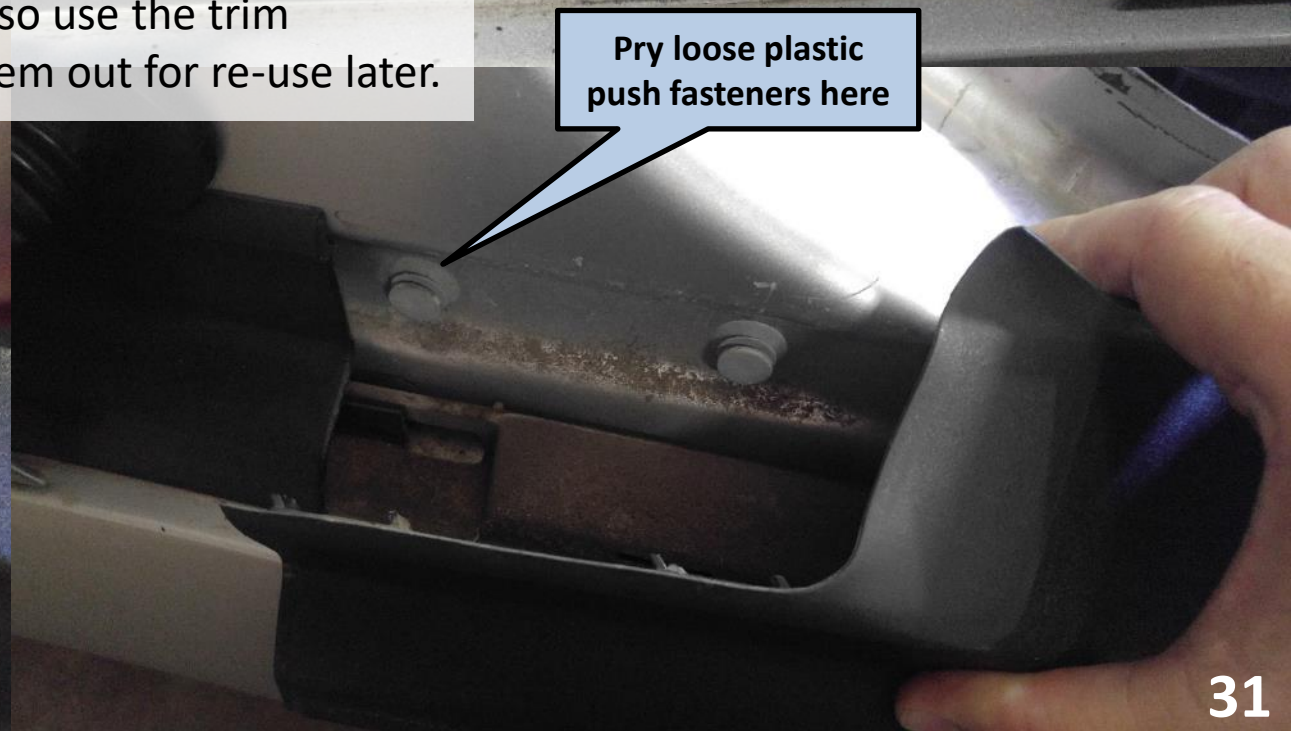
Removal Of Door Sill Plastic Base





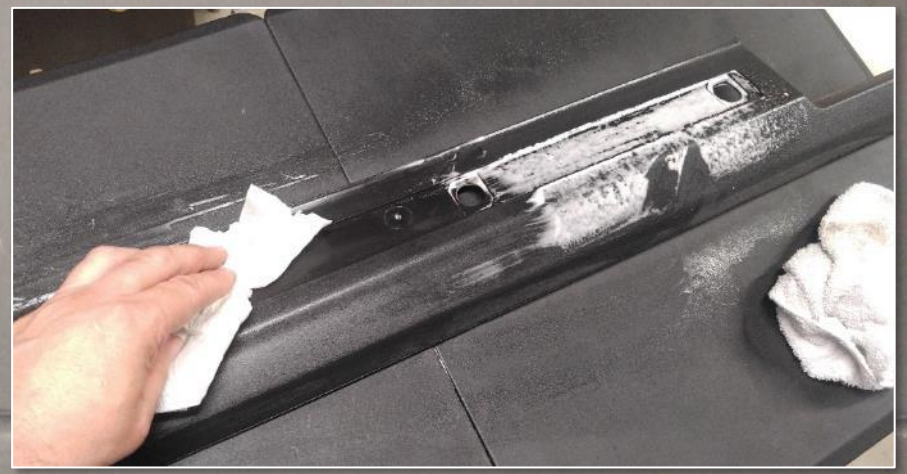
Sometimes the push fasteners do not come out with the door sill, so use the trim removal tool to pry them out for re-use later.

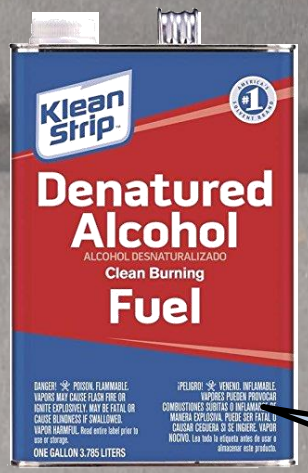




Cleaning Door Sill Plastic Base

After removal of door sill plastic base, clean dirt and remaining adhesive from sill and prepare surface for install of new stainless door sills.





Use alcohol to wipe and clean surfaces inside groove to prepare for installing new door sills

(this stuff works great for lots of things!)

Door Sill After Removal

Position white plastic push fasteners in holes BEFORE installing new door sills

Note: If any of the white plastic push fasteners were broken or damaged, you do not need to use them all – you can reinstall the plastic base with only one or two fasteners – once installed, it won't go anywhere. The gray push fasteners on the ends will hold it in place securely by themselves.

NOTE: Stainless steel is a hard, durable metal, but the hand-brushed finish of these sills can be scratched if you lay them face down on a dirty surface - be sure when working with these, you only lay them on a clean soft surface, such as a towel or other suitable material.

Also, these can be bent easily if mis-handled, so please use care when handling them before installation. If you get a bend or kink in them, it may be next to impossible to perfectly flatten them back out!

Preparing Door Sill for Reinstallation

Note that the sills are labeled “driver side” and “passenger side”. This is so that the wiring is oriented closest to the kick panel area where the EL inverter module will be mounted and connected.

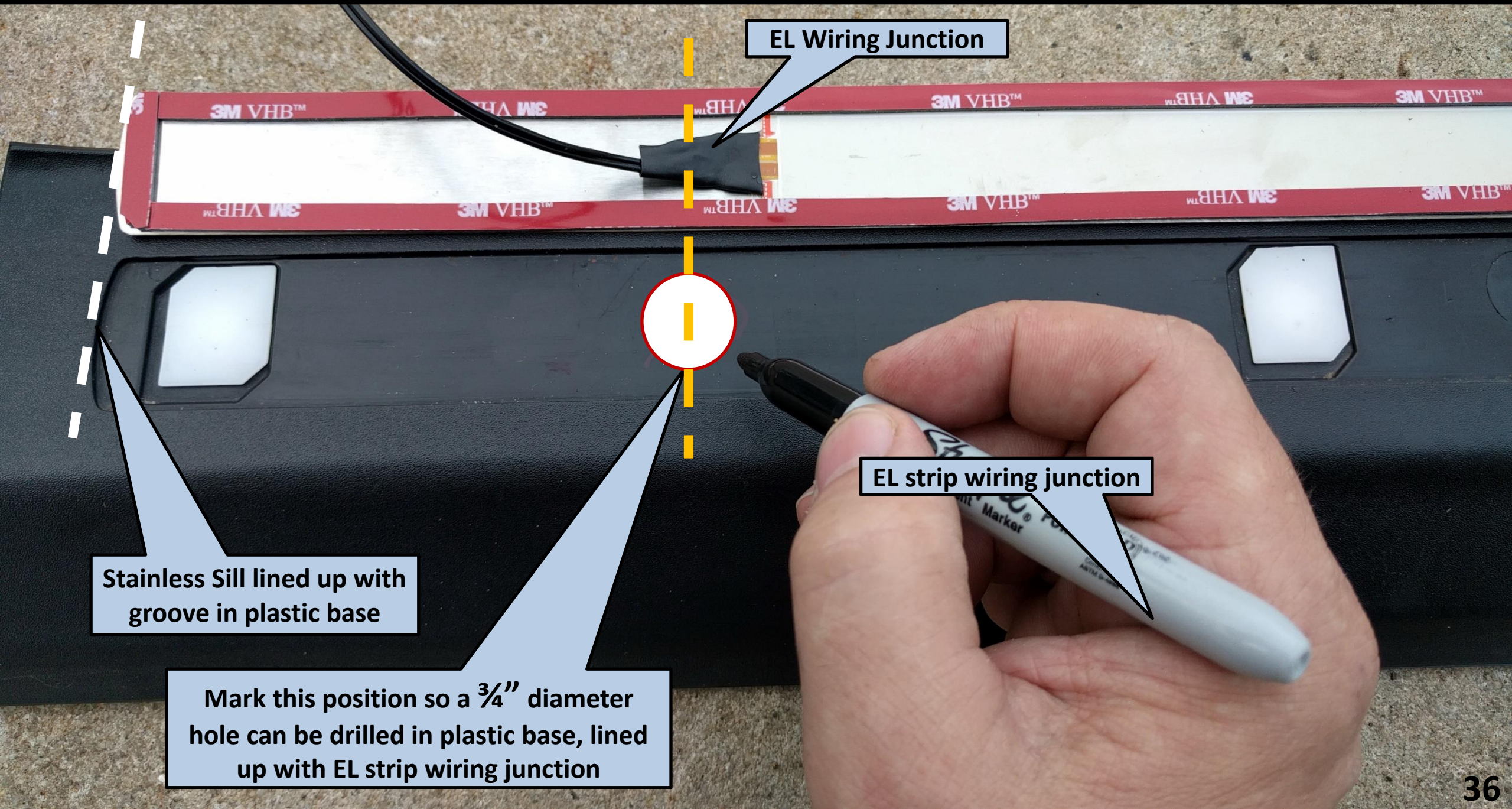
Driver Side Sill

Door Sill lined up with groove in plastic base

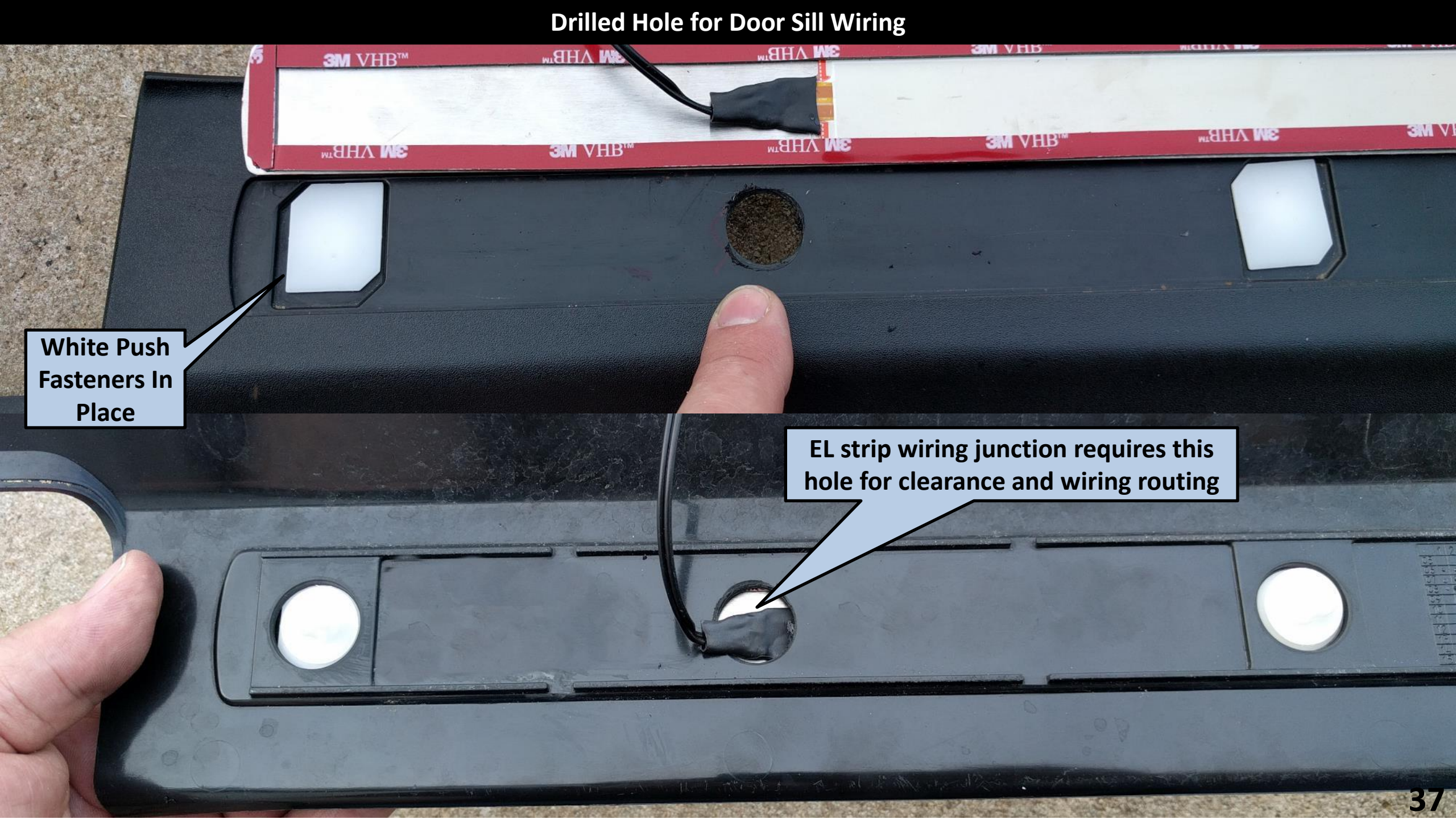
EL strip wiring junction

A ¾” diameter hole must be drilled (or cut) in plastic base, lined up with EL strip wiring junction – wire and junction feeds through hole as seen in the following two pages.

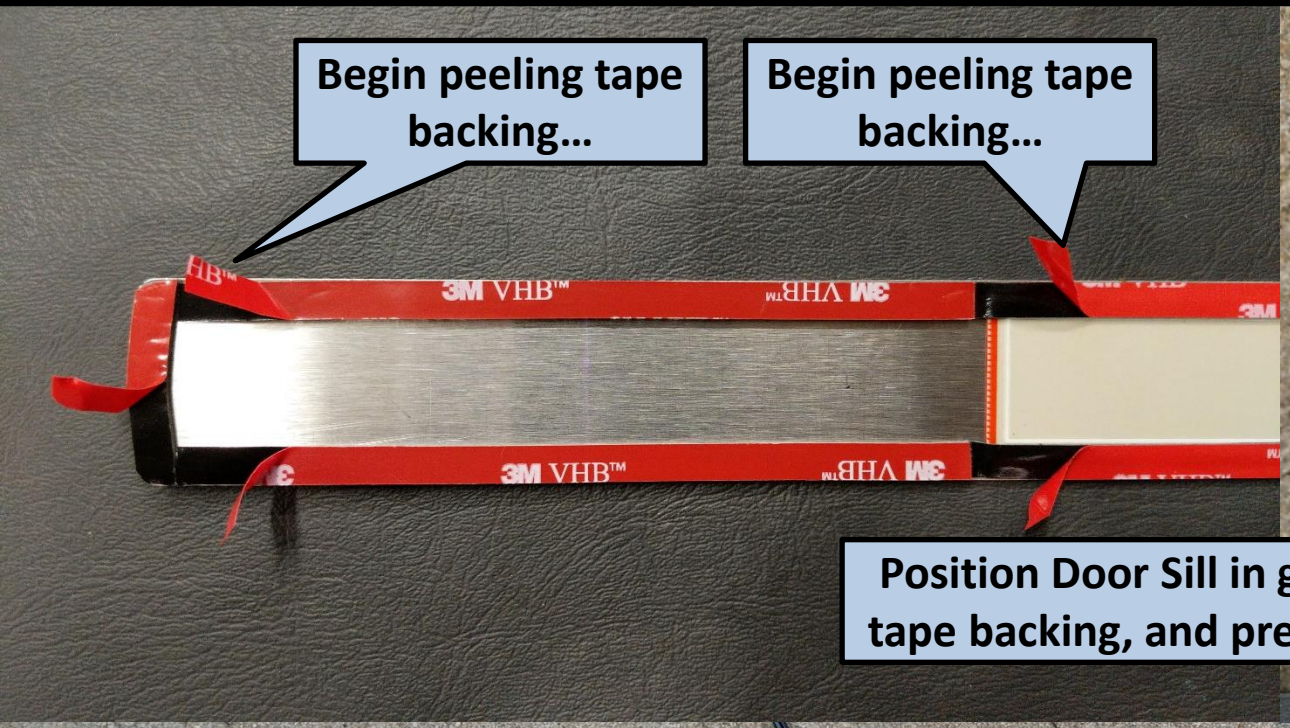
Marking Door Sill Base for Wiring



Drilled Hole for Door Sill Wiring



Installing Door Sill



Finished Installation of Door Sill

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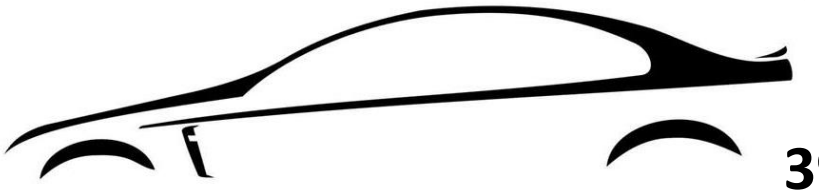
Step 5: Reinstalling Door Sill Base



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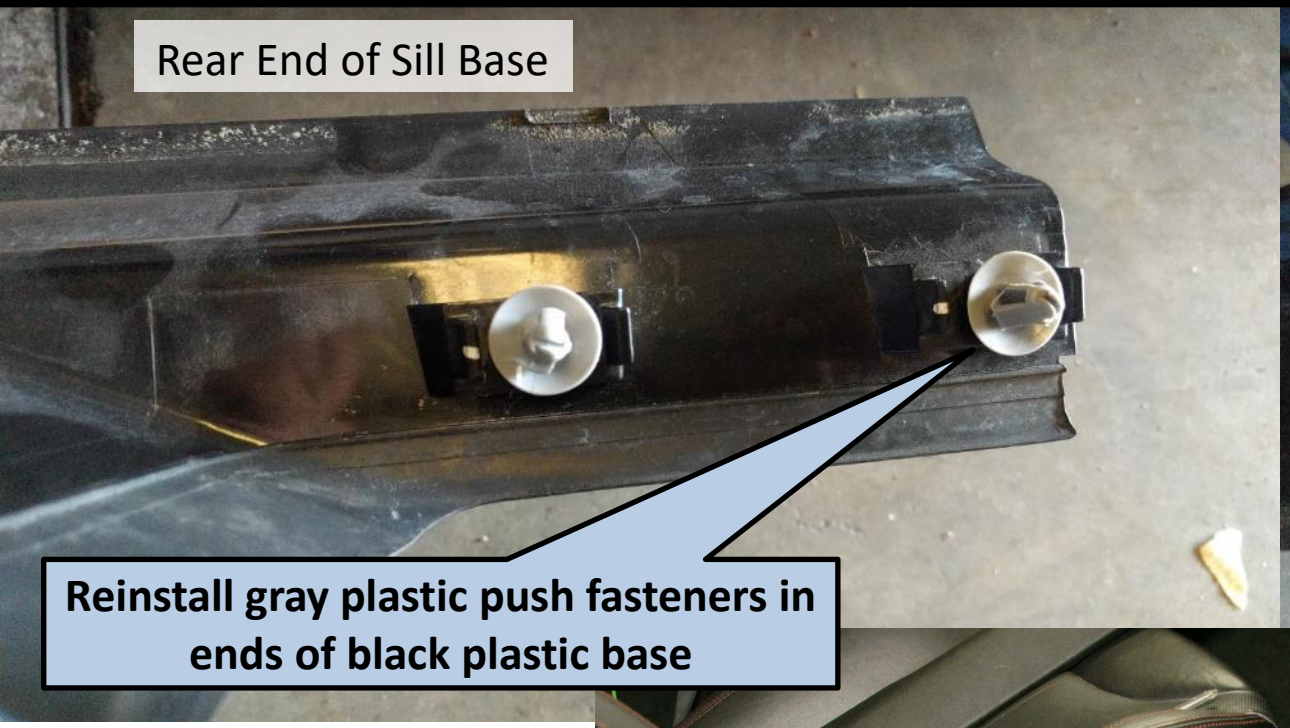
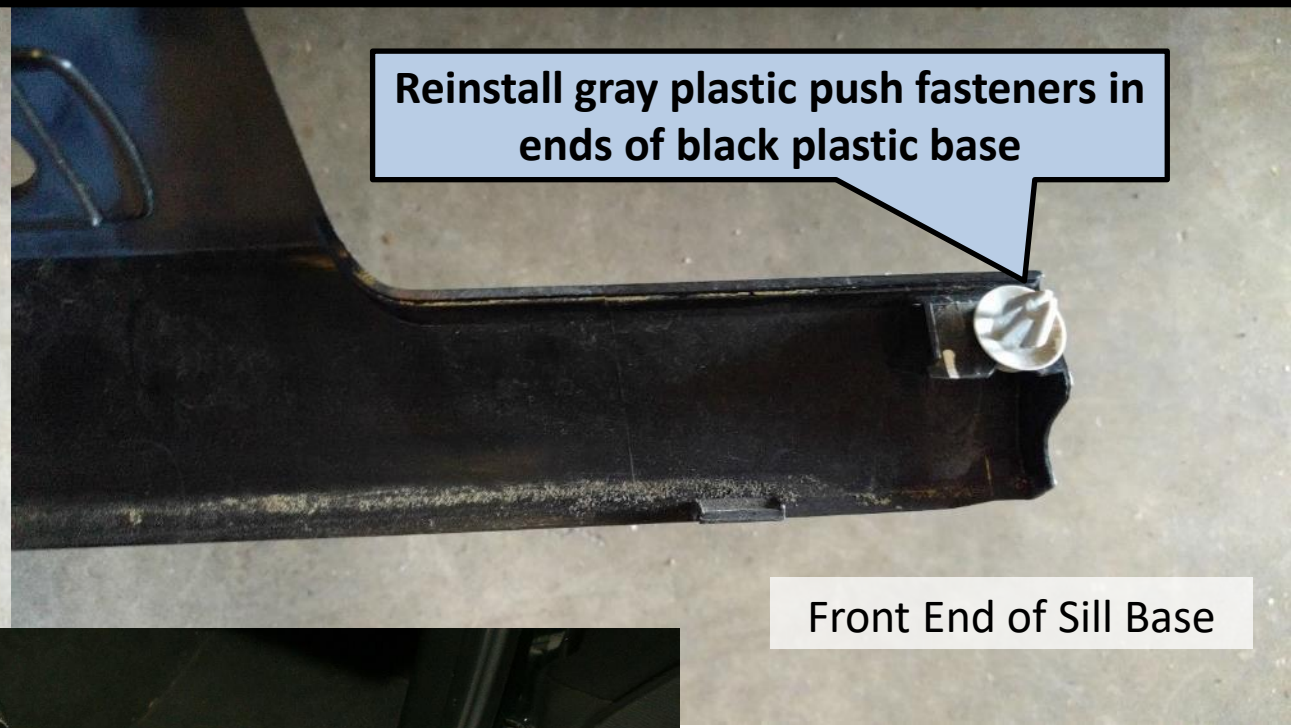
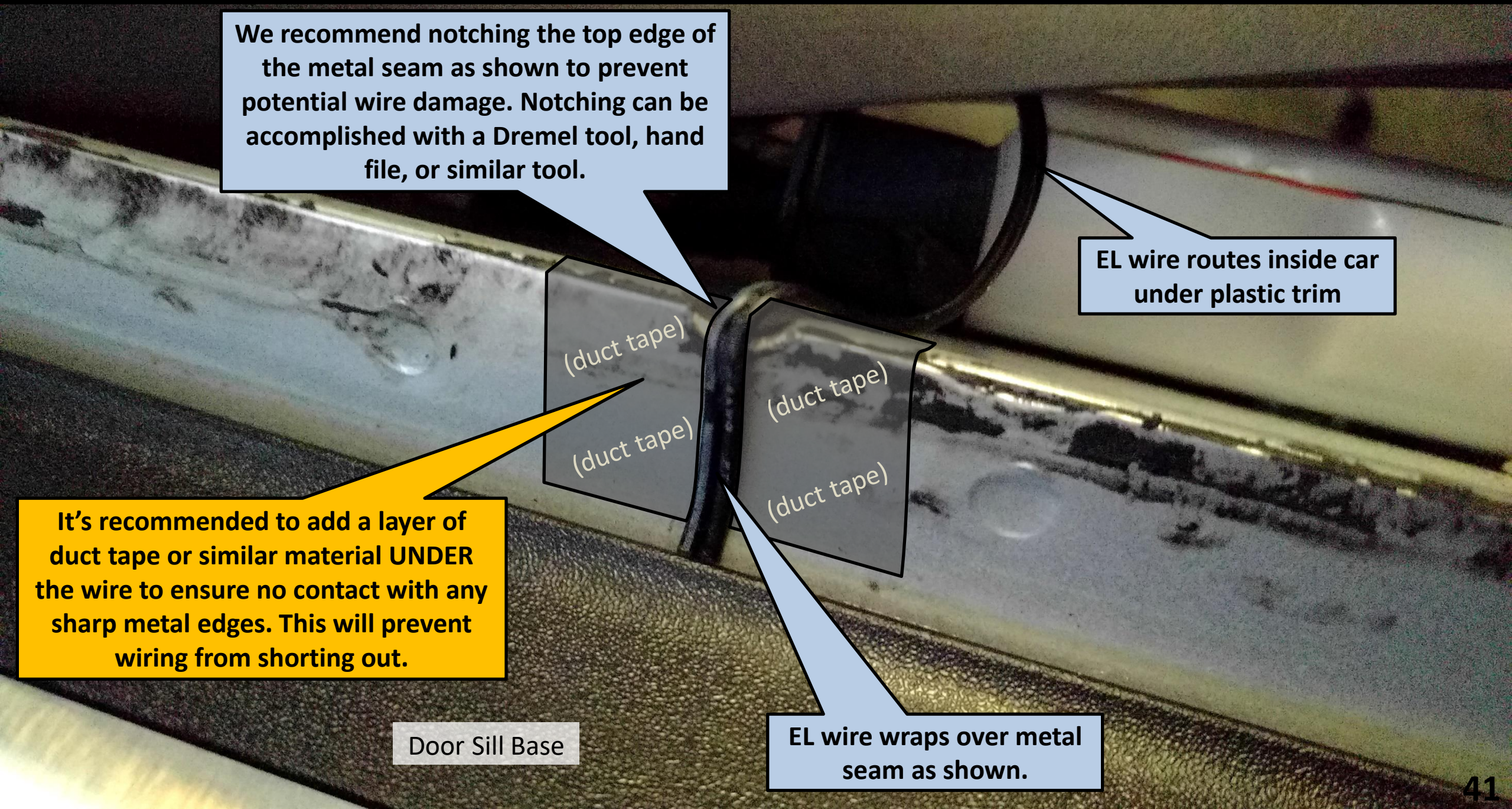
Reinstall Door Sill Base and Route Wire Into Car





Route EL Wire Into Car



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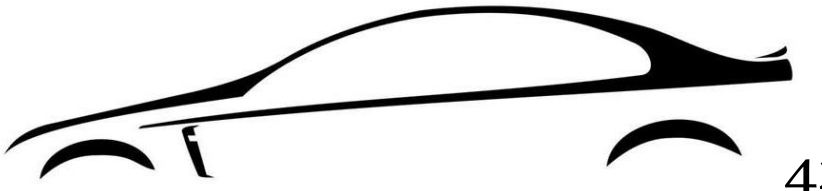
Step 6: Installing the Rear Door Sills



(patent applied for)

Removing Stock Sills and Installing New Sills

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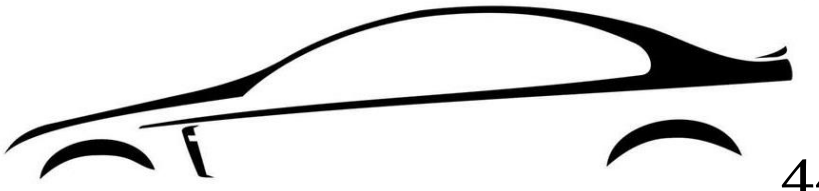
G8 Designs

Finished Installation and Notes



(patent applied for)

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Once you have installed your new sills and wired them, you'll be greeted with a show car entrance every time you open your doors!

Cleaning: Your stainless sills can be easily cleaned with Windex or any glass cleaner, or any stainless steel cleaner or polish, commonly available at any grocery or shopping store. Stainless can get fingerprints – they'll have fingerprints after installation - but these products will easily clean them with a simple wipe of a soft cloth or paper towel. Wipe very carefully to avoid snagging any sharp edges of the letters or accidentally bending the metal features!

Moisture: Your EL strips are completely sealed against any damage from moisture, and are maintenance free. In some climates or weather conditions, it is possible for water or moisture to accumulate on your door sills, but this won't hurt them in any way. Simply clean them as described above when needed.

Minor imperfections: Though these sills are cut with a computer-guided laser, this is a largely hand-made and assembled product. As such, it is possible to have minor imperfections in them that are hard to see, but this is unavoidable with this type of product. Because of the design of the G8 door sills, your stainless sills are generally protected from any damage getting in or out of your car. Because they lie in a valley, they are "guarded by location", and your foot should never hit them getting in or out of the car. It is advised that you do not stand on the sills (using the sills as a step to reach something on the roof of the car), to avoid any scratches from dirt on your shoes. In the event that a small scratch does occur, contact G8 Designs for guidance on eliminating the scratch yourself.

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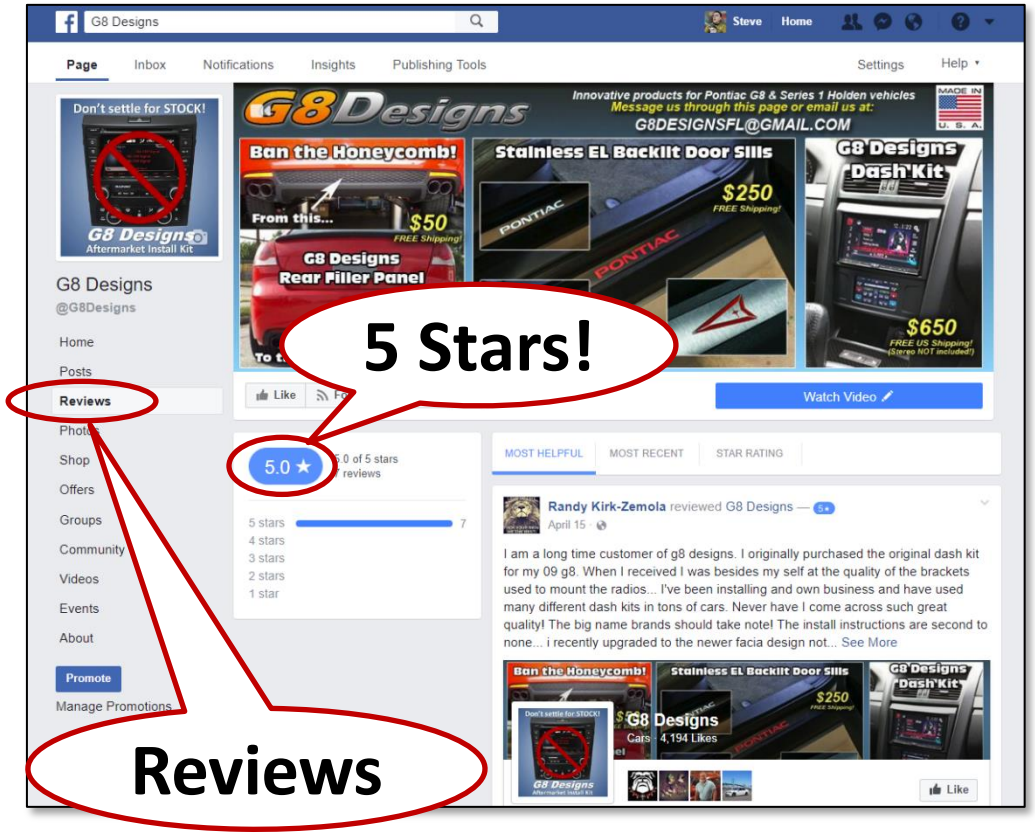
Power draw: The EL inverters supply 12 volt power to your sills ONLY when you open the doors, OR when you press the courtesy lamp button on the roof panel. After your courtesy (dome) lights go off, so do these strips, and power draw when running is very minimal.
The inverters are not designed for continuous lighting for long periods – only coming on when doors open or intermittently is advised.

Removing G8 Designs Door Sills: It is highly unlikely that the EL lighting strip will ever fail. A poor wiring connection, or failure of the small inverter module is more likely, so troubleshooting will be required. However, these sills are designed with thin strips of automotive grade double-sided adhesive, so they can be removed for replacement of the EL strips without bending or damaging the metal. If you ever experience an EL strip or inverter module failure, contact G8 Designs for guidance and instructions. Your sills are warranted for one year against defects or failures of the components.

G8 Designs – We Appreciate Your Reviews, Recommendations, and Ratings!

G8 Designs is an American business, run by an American entrepreneur who is dedicated to creating unique, useful, and dramatic products for the Pontiac G8, Chevy SS, and other Holden-based vehicles. Products that cannot be obtained anywhere else. We work hard every single day to support the G8 and Holden community of owners, and have done so since 2013. Our solid reputation of extraordinary customer service and product support has been gained one satisfied customer at a time, through word of mouth, and through customer recommendations to other owners of these vehicles.

When customers message us, we work hard to respond as quickly as we get the message, at all hours of the day and night. We want our customers (existing or potential) to know that there is someone available to them to answer questions, provide advice or tech support, and give sales assistance even to those who live halfway around the world in other time zones. Even nights and weekends! How many businesses do you know of that provide this level of customer support? NONE we'll bet! Providing this level of support is pretty much a 24 hour a day job, but well worth our effort!



www.facebook.com/g8designs

If you've had a great experience with G8 Designs and our products, we would be most grateful if you tell others about us! Post about us on any of the G8 or Holden Facebook pages, with pics of your car and G8 Designs product after installation. Post about us in forums dedicated to these cars. Tell friends who have these cars about us through Facebook pages, or at car shows or meets. If you help spread the good word about us, that is payment enough for our top level customer support we provide every day and night of the year!

There simply is no advertising better than word of mouth. We work hard every day to earn your trust, your business, and your recommendations! Please leave us another great 5-Star Review in the "Reviews" section of our Facebook page!

G8 Designs

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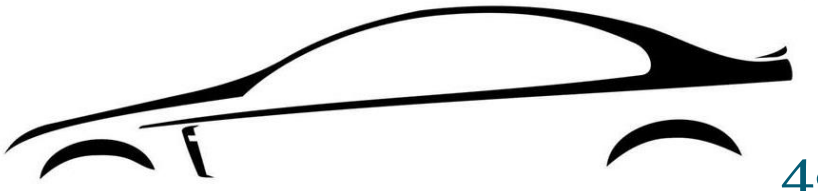
Thank you for supporting this product, and we hope you will help us spread the good word about G8 Designs!



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