

# *G8Designs*



## Brushed Stainless Illuminated Door Sills for Pontiac GTO & Holden Monaro Installation Instructions



(patent applied for)

# Introduction

Many years of technical experience have gone into the design and engineering of this fine, hand-finished American-made product. Hours of hand-finishing work go into each set. We truly hope that when you complete your installation, you will enjoy the show-quality appearance of your GTO / Monaro every time you open the doors.

And, we truly hope that you will help us spread the good word to all your other fellow GTO / Monaro owners. **We simply cannot afford for you to be dissatisfied with G8 Designs or our product.** So, if you have an issue **PLEASE bring it up to us directly FIRST**, and we will do everything possible to fix the problem and/or bring you to a satisfactory result. That's our guarantee to you.

Also remember that your support of our products helps G8 Designs produce unique products for these amazing cars using American materials and labor! Tell a friend! Spread the word! Let's help American businesses to grow!



# Warranty

All G8 Designs Door Sills come with a full ONE YEAR warranty against defects and workmanship. These products are known to be highly reliable, but we will make good any problems that occur with them.

Warranty issues with any of the install kit components should be directed to G8 Designs in Tallahassee, Florida, via email address: [G8DESIGNSFL@gmail.com](mailto:G8DESIGNSFL@gmail.com). Or, contact us through our Facebook page by clicking “Send Message” for LIVE CHAT.  
[www.facebook.com/g8designs](http://www.facebook.com/g8designs)

We will help you troubleshoot any issues and hopefully get things resolved quickly, and with little fuss.



# Disclaimer & Proprietary

**Disclaimer:** You, the vehicle owner and/or installer are responsible for your use of this product and your own actions. Installing electronic equipment in cars has an inherent risk of starting a fire with improper wiring techniques or faulty connections. BE SURE you remove the positive battery cable BEFORE you proceed with this installation! This will prevent you from draining the battery and prevent accidental short circuits when making wiring connections. G8 Designs will NOT responsible for any damages, injuries, property damage, fires, or other consequences from improper wiring or installation of these components. If you are unsure how to proceed with this installation, seek professional assistance.

The information contained herein is copyrighted by G8 Designs, 2021.





# ***G8** Designs*

Components



# What's Included

Your G8 Designs™ GTO door sills come with the following items:

**1. 1 Pair of Door Sills**



**2. 12V Inverter Modules**

These convert 12v DC to 100v AC to illuminate the EL panels



**3. 1 Tootsie Pop**

Various Flavors  
(Why? Because we LIKE you!)





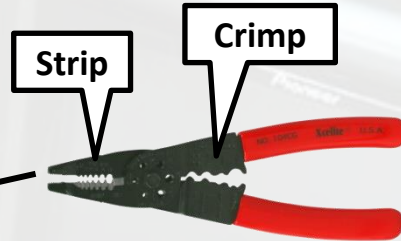
# Tools You Will Need

You will either need to employ the services of an experienced stereo installer with the right tools and know-how, or you will need these common tools & items:

1. Wire cutters



2. Wire stripper / crimper



3. Phillips & Flat Blade screwdrivers



4. Plastic Pry Tool Kit

(Available in auto parts stores, tool stores, and home centers)



5. Blow Dryer or Heat Gun

(For heating old door sill adhesive strip to ease removal)



7. Denatured Alcohol and Goo Gone

(These help remove adhesive glue from old door sills.)

Alcohol cleans paint surface for proper adhesion of door sills)



(Found in any paint store, home center, or Walmart)

8. Set of small Torx bits or Torx Drivers



8. General knowledge of auto wiring, stereo installation, etc.





# ***G8** Designs*

## Step 1: Trim Removal for Wiring





## Interior Trim Removal for Wiring

Adjust seat UP and forward to allow removal of the track covers.



Carefully detach and remove rear track cover. (don't break it)



Rear track cover.



Carefully detach and remove front track cover. (don't break it)





## Interior Trim Removal for Wiring



**Pull up the oval shaped screw caps.**



**Remove the 4 Torx type screws holding the inner sills down using an appropriate Torx driver.**



**Then pull the threshold trim away.**



## Interior Trim Removal for Wiring



One of the screws holding the kick panel.



You'll then need to remove the kick panel which is held in place with 3 phillips screws, and the little under dash panel which just snaps in place. That under dash panel holds the footwell light bulb socket in that round hole. The lighting inverters will tap into that light bulb wiring.



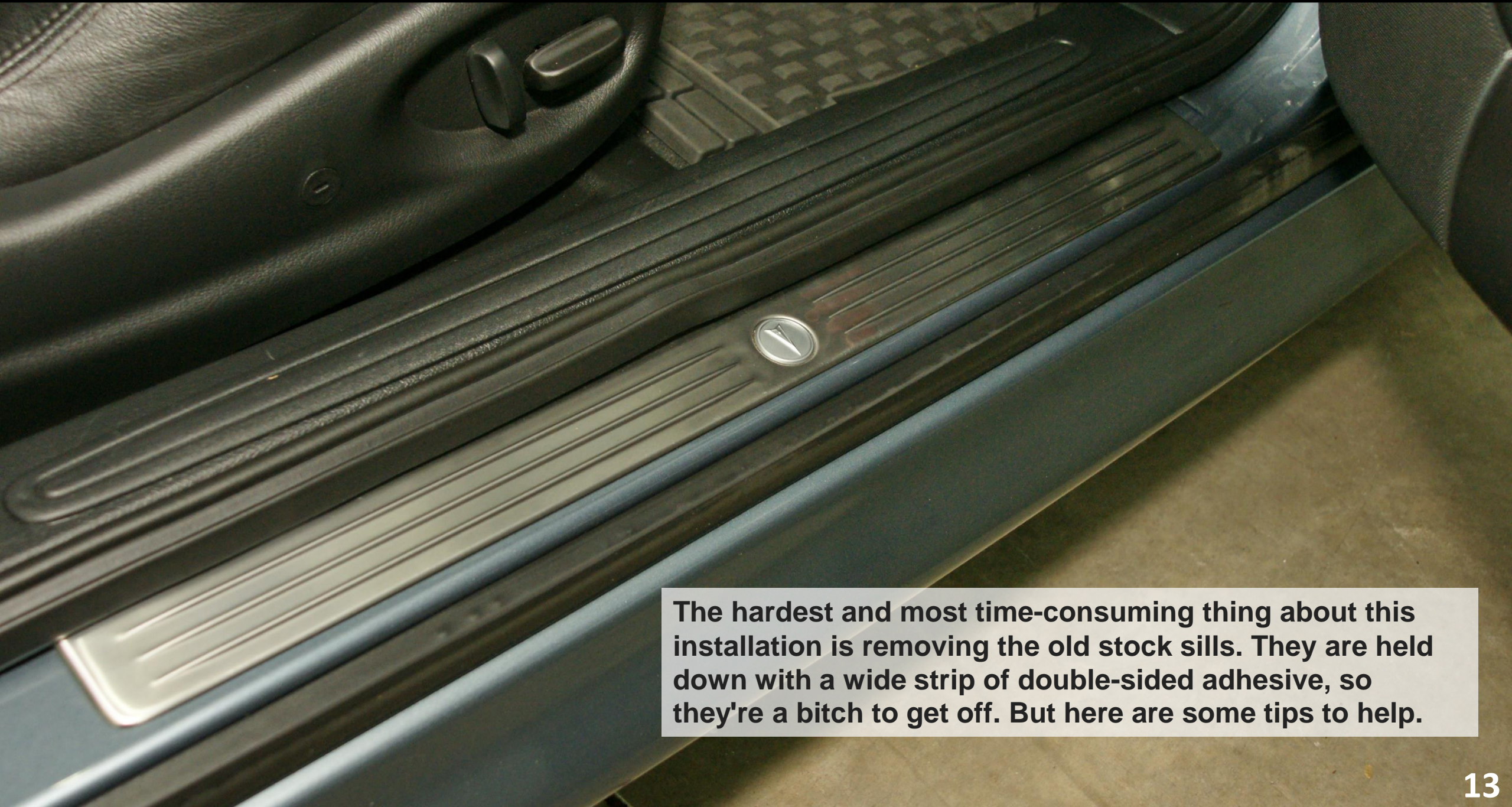
# ***G8** Designs*

Step 2: Remove Stock Door Sills





## Removal of Factory Door Sills



The hardest and most time-consuming thing about this installation is removing the old stock sills. They are held down with a wide strip of double-sided adhesive, so they're a bitch to get off. But here are some tips to help.



## Interior Trim Removal for Wiring



**Pull the rubber door seal up to expose the metal body seam.**



## Removal of Factory Door Sills

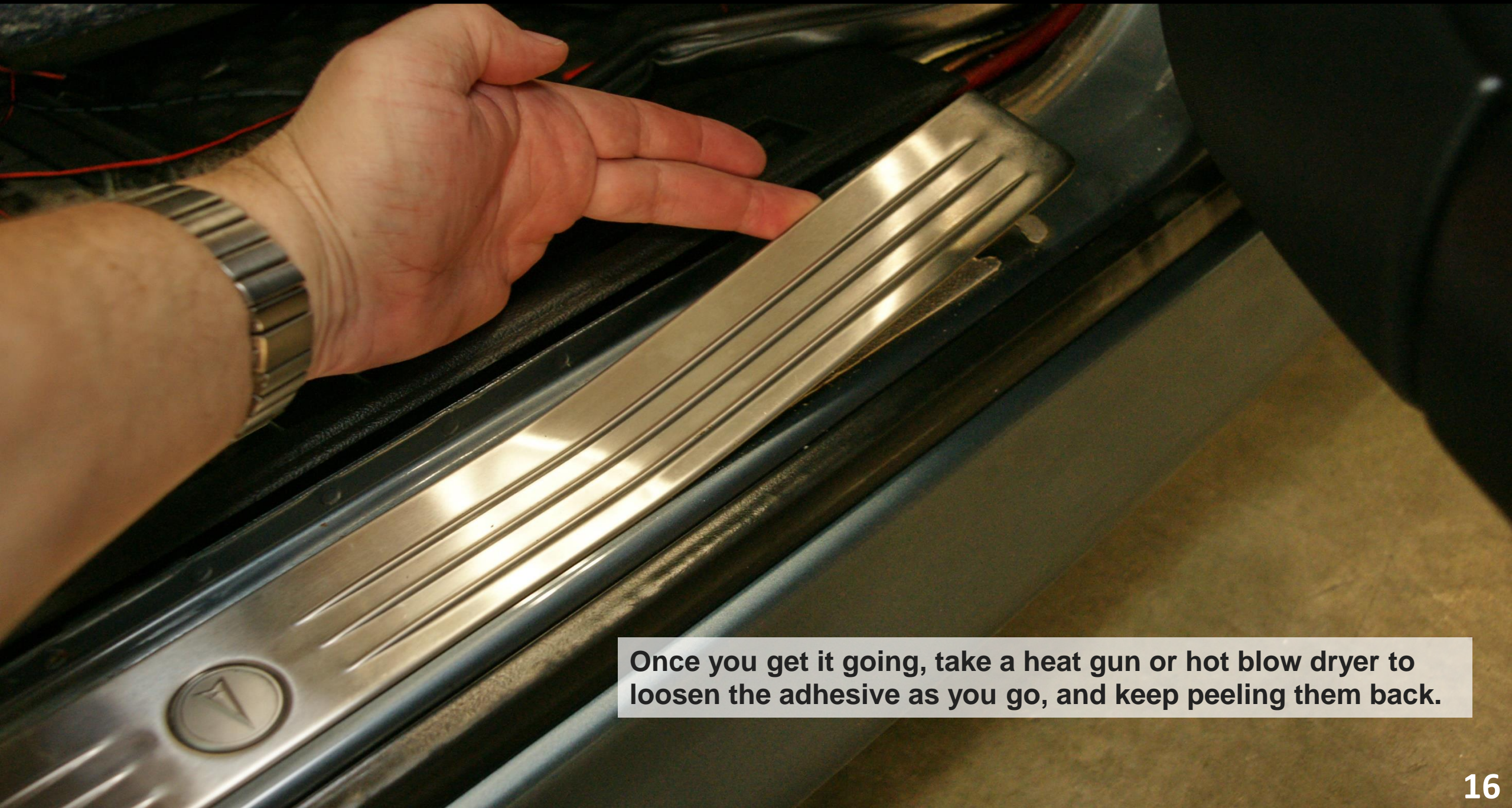
Carefully begin prying up on the metal at one end, separating the aluminum sill from the car's rocker panel. The sill is held on with a wide strip of double-sided tape, so the tape must be cut, torn, or peeled up.

One tip is using a guitar string or piano wire held between two pairs of pliers and sawing back and forth to cut the adhesive as shown. Strong fishing line can work too.





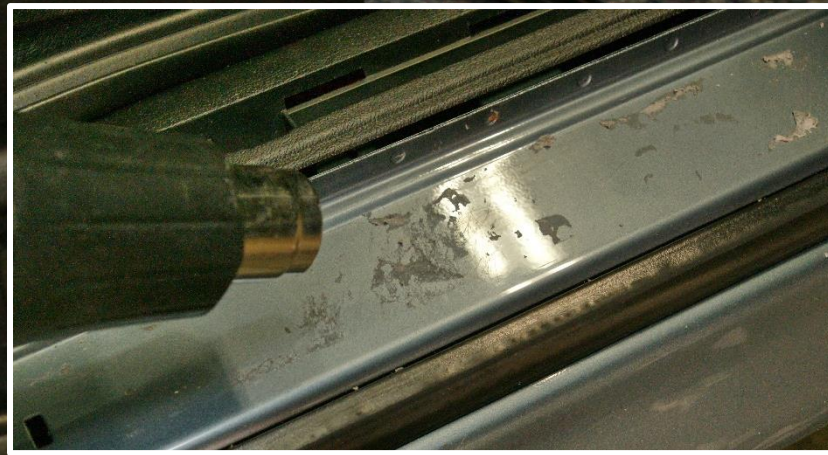
## Removal of Factory Door Sills



Once you get it going, take a heat gun or hot blow dryer to loosen the adhesive as you go, and keep peeling them back.



## Removal of Factory Door Sills



**USE CARE NOT TO  
GOUGE OR SCRATCH  
THE PAINT!**

Use the heat gun to heat the adhesive, but not too hot! Just enough to soften the glue, and use a plastic scraper type tool to peel up the rest of the tape. Heat guns get HOT so work carefully and don't burn yourself. Don't overheat the plastic trim in the car either.



## Removal of Factory Door Sills



You'll want to use Goo Gone and Denatured Alcohol to get the rest of the adhesive off the painted surface. The last step once the glue is gone is to wipe it all down carefully with denatured alcohol for a clean dry surface, so the new sills can adhere properly.





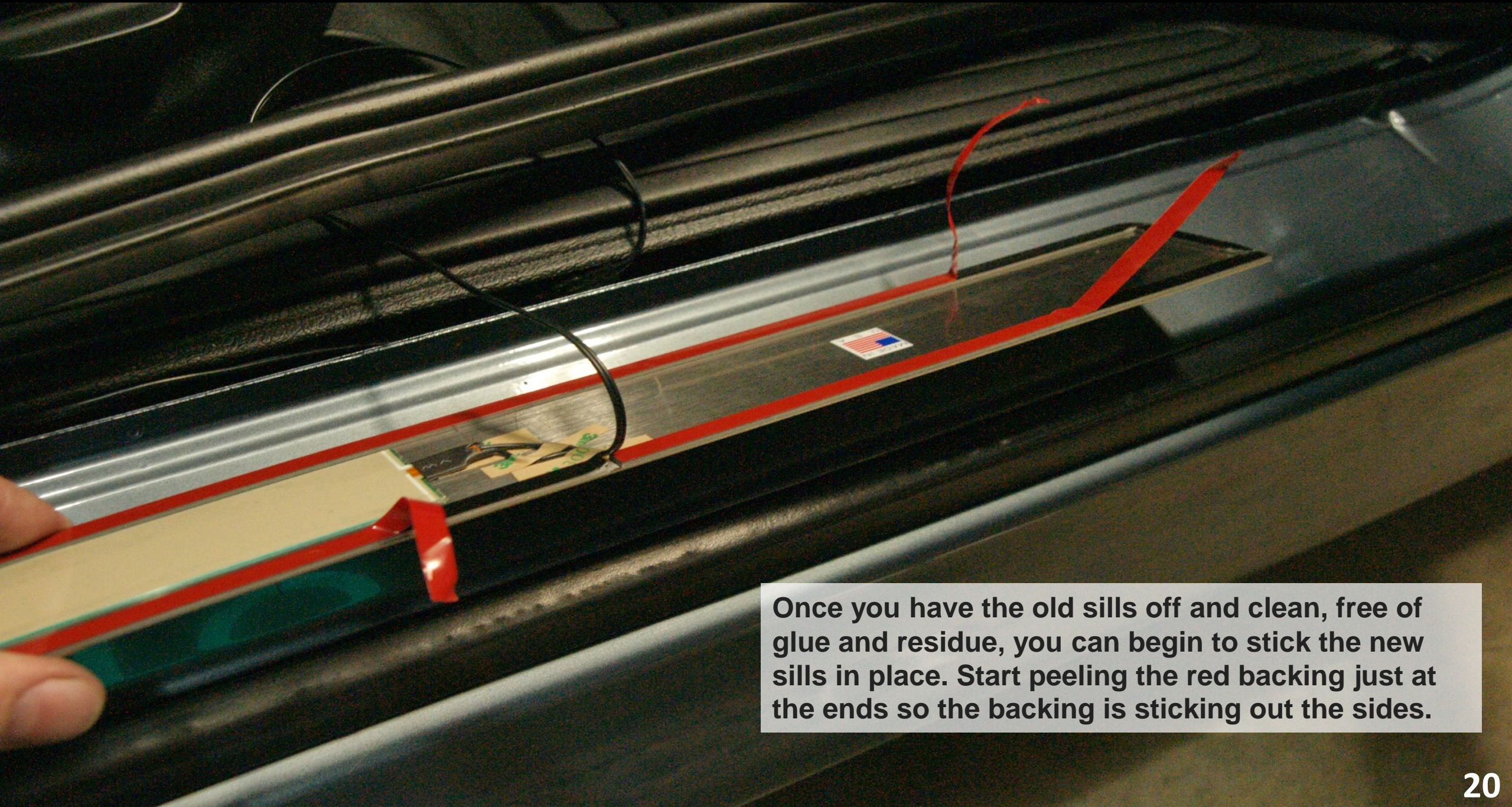
# ***G8** Designs*

Step 3: Begin Installation of New Door Sills





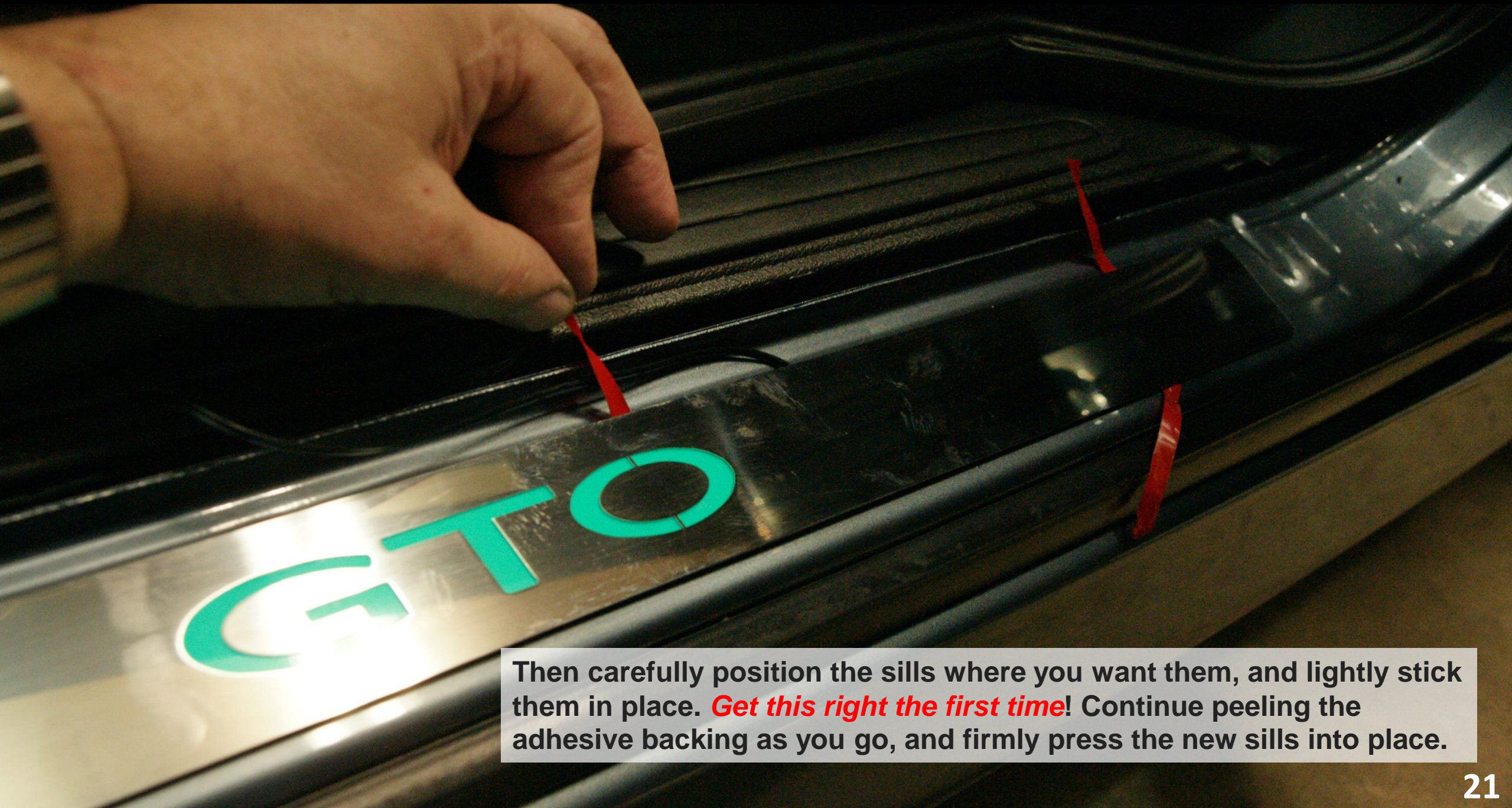
## Installation of New Door Sills



Once you have the old sills off and clean, free of glue and residue, you can begin to stick the new sills in place. Start peeling the red backing just at the ends so the backing is sticking out the sides.



## Installation of New Door Sills



Then carefully position the sills where you want them, and lightly stick them in place. **Get this right the first time!** Continue peeling the adhesive backing as you go, and firmly press the new sills into place.



## Routing Inverter Wiring

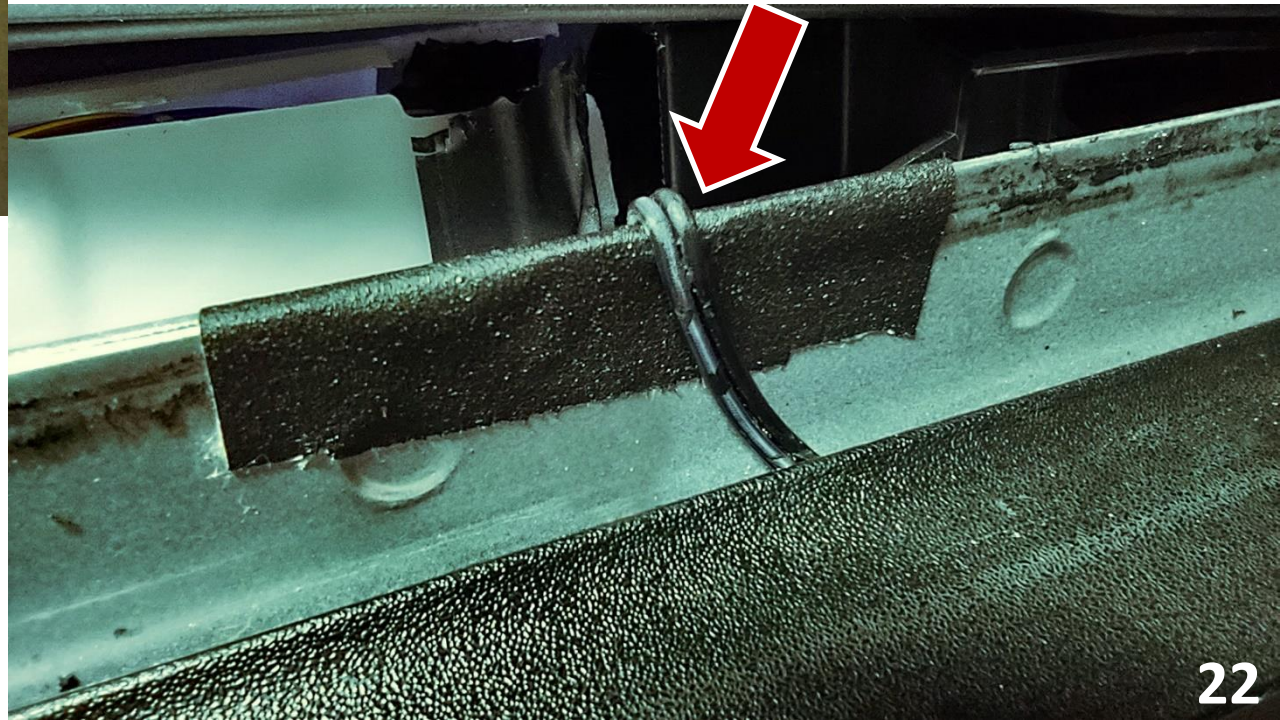


**Pull the rubber door seal up to expose the metal body seam.**

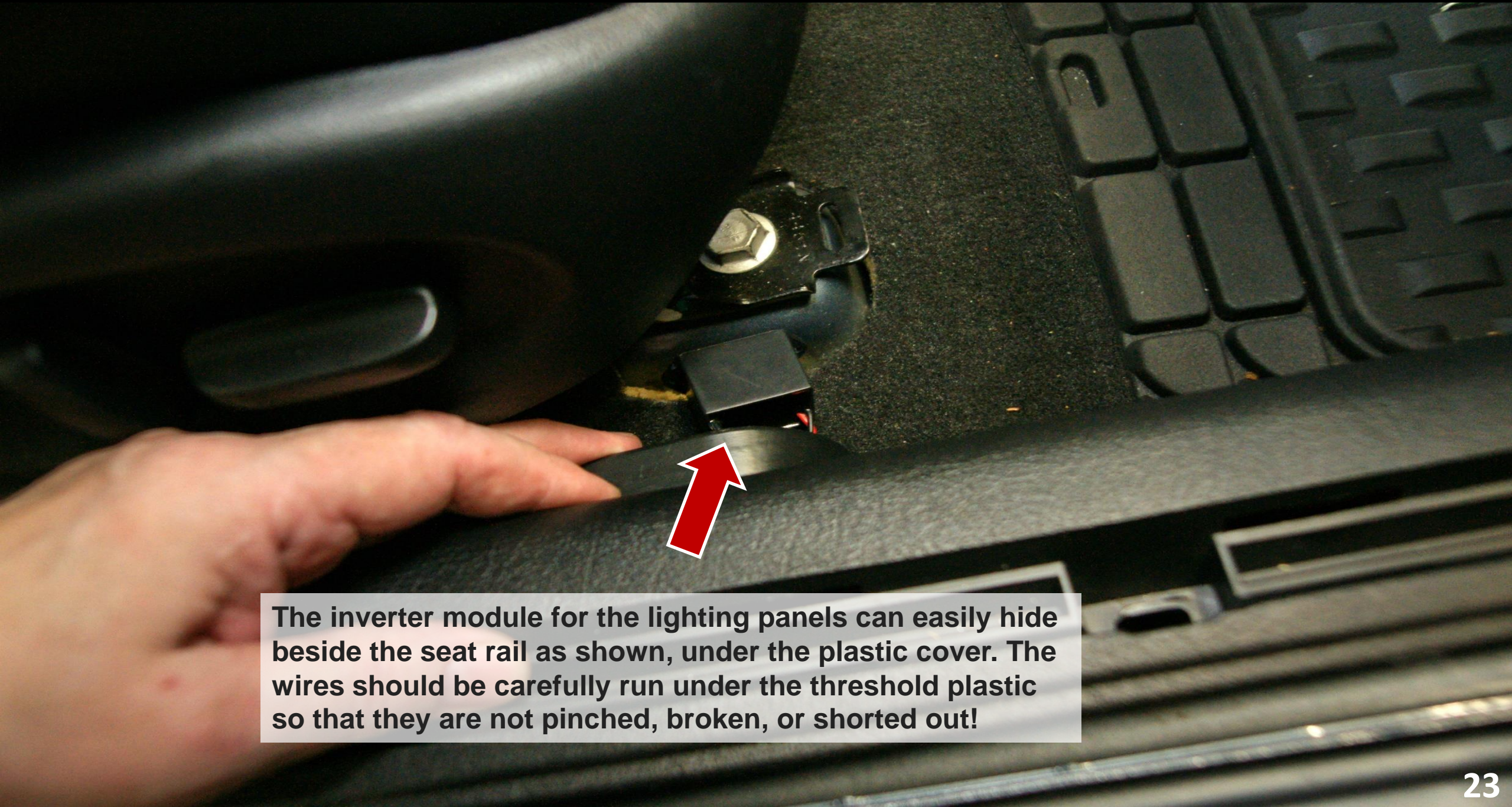
**The inverter wire from the door sill wraps over the metal body seam as shown. The rubber seal will press down over it when reassembled.**

**Use 1-2 layers of thick duct tape or electrical tape to wrap the top edge of the metal body seam, so that the sharp metal edge does not cut into the inverter wiring over time.**

**In addition, filing or rounding the metal edge won't hurt matters either.**



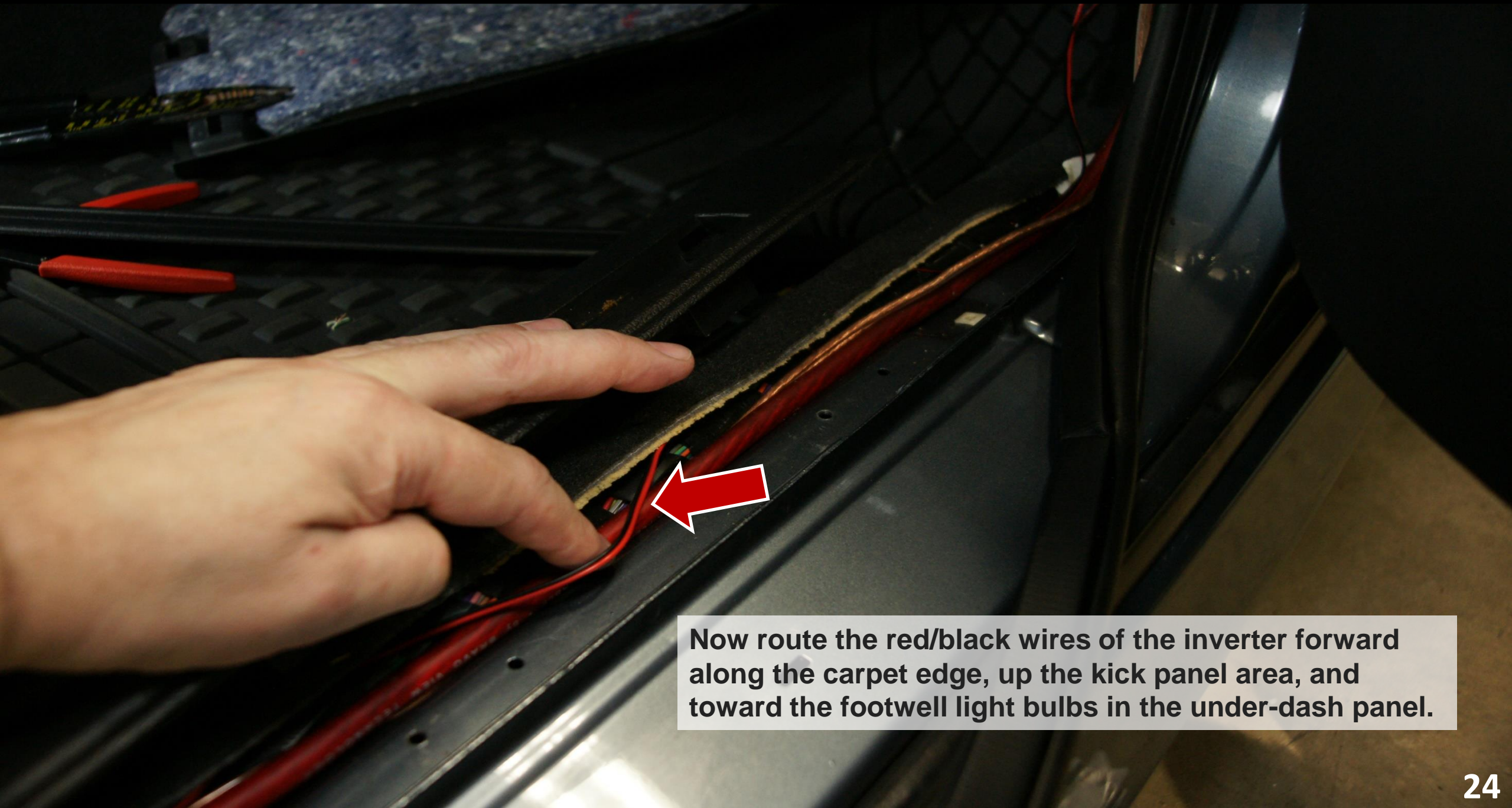




The inverter module for the lighting panels can easily hide beside the seat rail as shown, under the plastic cover. The wires should be carefully run under the threshold plastic so that they are not pinched, broken, or shorted out!



## Routing Inverter Wiring



Now route the red/black wires of the inverter forward along the carpet edge, up the kick panel area, and toward the footwell light bulbs in the under-dash panel.





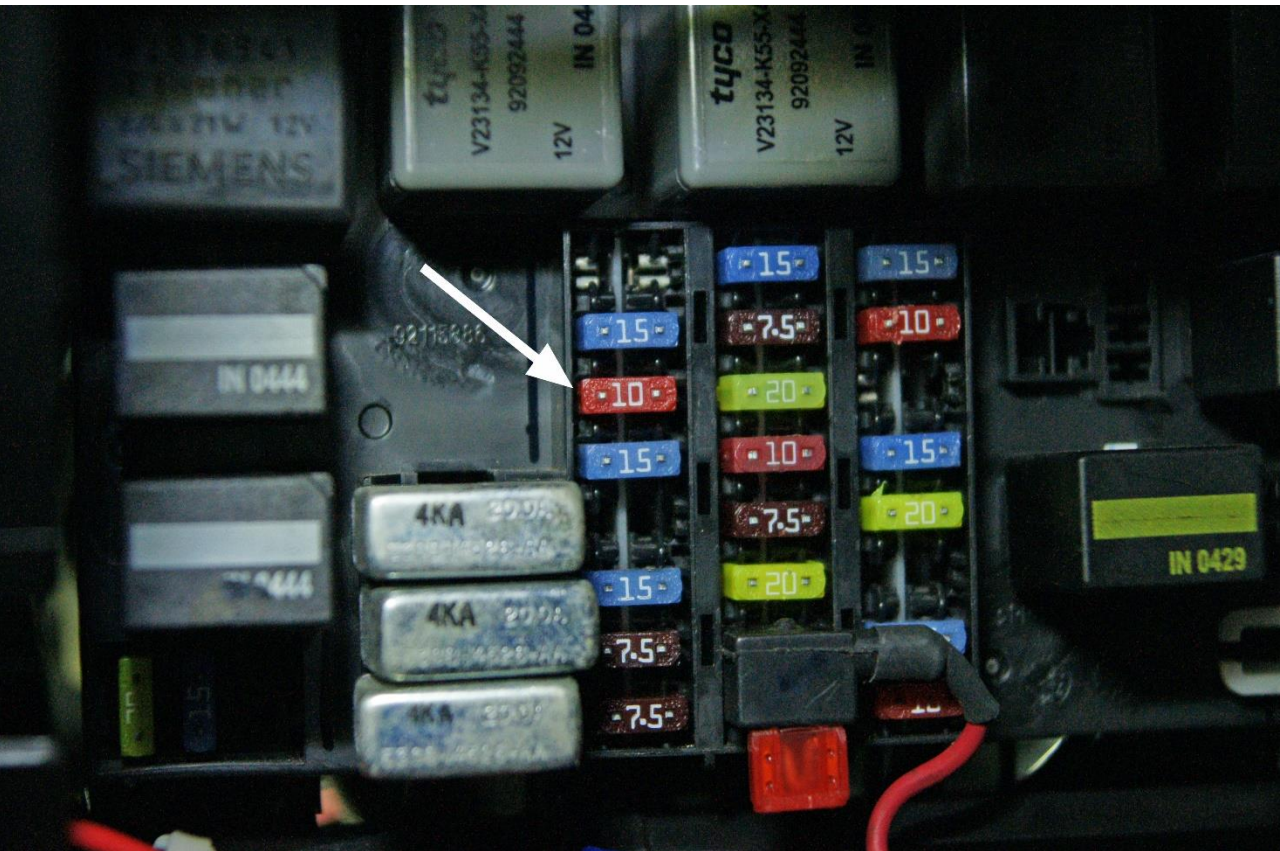
# ***G8** Designs*

## Step 4: Connecting the Wiring





## Pull Interior Lighting Fuse



10a Interior Illum Fuse

FLASHER UNIT		RELAY		IGNITION RELAY		POWER WINDOW RELAY		BLOWER INHIBIT RELAY	
PARK LAMPS RELAY	4	10A	STOP LAMPS 15A	12	15A TURN SIGNALS, BACK UP LAMPS	20	15A PWR DOOR LOCKS, WINDOWS & THEFT HORN	SPARE	INTERIOR ILLUM RELAY
ECM/TCM CONTROL RELAY 1 (WHERE FITTED)	6	10A	INTERIOR ILLUM.	13	7.5A HVAC CONT, HEAT, REAR WINDOW, INSTRUMENTS	21	10A INSTRUMENTS	ECM/TCM CONTROL RELAY 2 (WHERE FITTED)	SPARE
BATTERY - MAIN	7	15A	HAZARD WARNING	14	20A CIGAR LIGHTER	22	SPARE RADIO & CELL PHONE	CAUTION □ A BLOWN FUSE IS CAUSED BY A FAULT □ REPLACE BLOWN FUSE ONLY WITH FUSE OF SAME RATING □ IF FAILURE RE-OCCURS, HAVE FAULT RECTIFIED, PREFERABLY BY AN AUTHORISED DEALER BEFORE REPLACING FUSE	
BATTERY - MAIN	8	SPARE	HORN 15A	15	10A BTSI, CRUISE CONT, POWER MIRRORS	23	15A SUB WOOFER AMPLIFIER	92171570	
BATTERY - MAIN	1	20A POWER WINDOWS	IGNITION 7.5A	16	7.5A RADIO, CELL PHONE	24	20A		
BATTERY - MAIN	2	20A POWER SEATS	ACC. SOCKET 20A	17	SPARE	25	SPARE		
BATTERY - MAIN	3	20A FRONT WIPER WASHER	ENG. CONT. SIGNAL 7.5A	18	SPARE	26	15A AIRBAG		
BATTERY - MAIN	11	7.5A INSTRUMENT ILLUM.		19	7.5A	27	10A ABS & TRACTION CONT.		

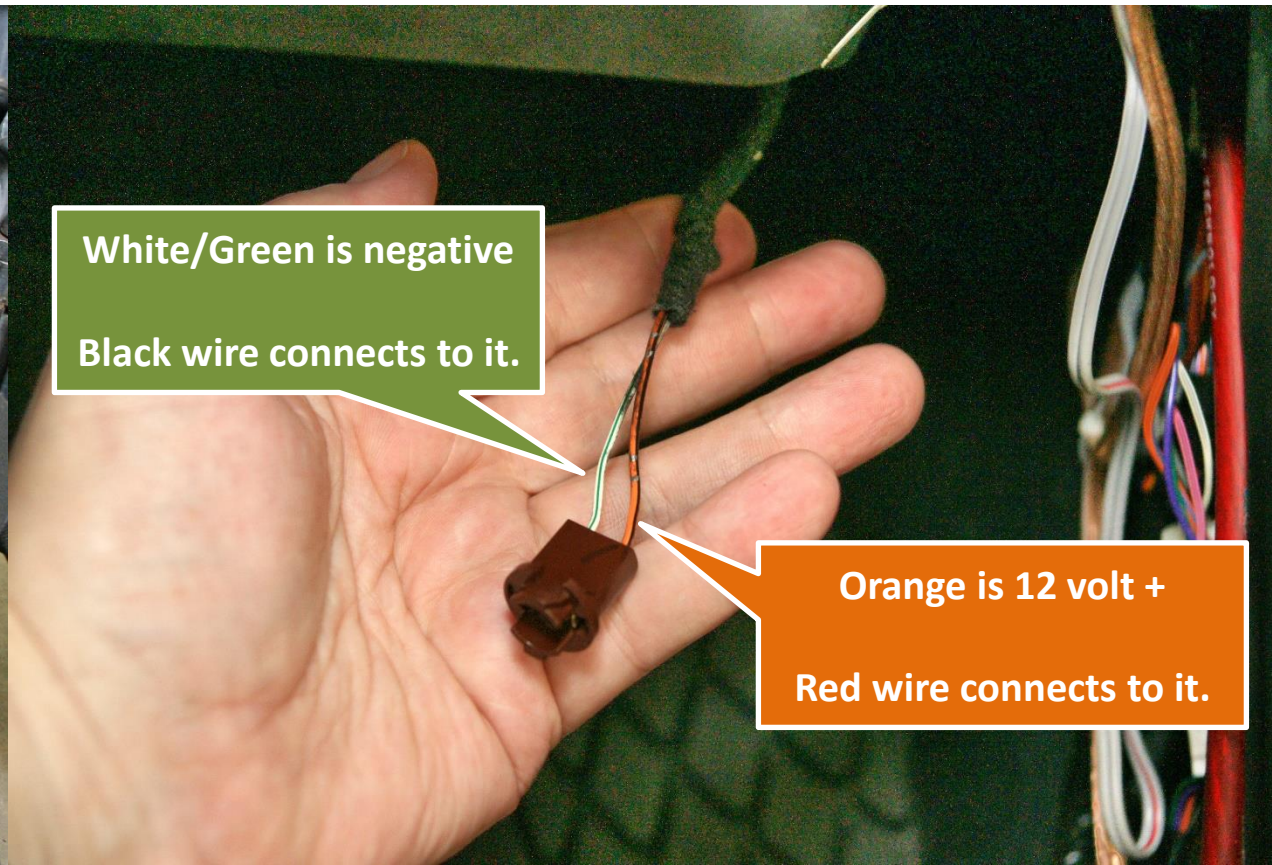
Pull the 10 amp interior Illumination fuse to make sure you don't short anything out while working on the wiring.



## Routing Inverter Wiring



**Remove the footwell light bulb from the under-dash panel as shown. You will be tapping into the wires of this bulb to power the EL inverter modules.**



**White/Green is negative**

**Black wire connects to it.**

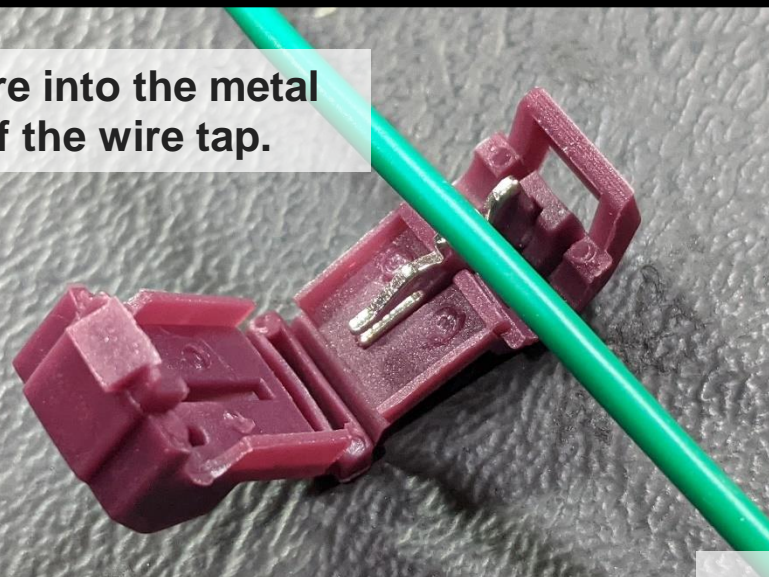
**Orange is 12 volt +**

**Red wire connects to it.**

**Pull back the wire wrapping to expose the bulb wires so you can tap into them more easily.**



## Making Wiring Connections




Press wire into the metal jaws of the wire tap.


(disregard wire color – these images only illustrate installing the wire taps)



Close wire tap onto wire.



Use pliers to squeeze wire tap together and bite into the insulation of the wire.



Open the wire tap to ensure the metal has bitten fully through the wire insulation and displaced it.

Make sure you have a solid wire connection here!



## Making Wiring Connections

White/Green is negative  
Black wire connects to it.

Orange is 12 volt +  
Red wire connects to it.

Install wire taps as shown.



## Reinstalling Interior Trim Pieces and Finishing Up



**Tuck wiring away and reinstall all interior trim pieces.**



**Reinstall fuse in fuse panel and test illumination when doors are opened.**



Your new door sills use lighting panels known as EL or electroluminescent lighting panels. We use EL lighting technology for this application because a) it provides a smooth even lighting effect without hotspots, and b) it is very THIN so it can fit under these stainless door sills.

EL lighting is not bright enough to compete with direct sunlight, however, you will see the lighting in shade, evening, and especially at night where you get a wonderful effect when you open your doors.

EL technology uses electronic inverter modules which turn 12 volts DC into 100 volts AC, which is what the EL panels need to get their illumination effect. Even though the panels use AC power, the current draw is very tiny, so it won't electrocute you (worst you will get is a tiny, harmless shock if you touched bare wires). Though these inverters and panels are known to be very durable and long-lasting, nothing is forever. Eventually, you may experience a lighting failure years down the road. Contact G8 Designs in such a case, and we will be happy to guide you on troubleshooting and repair.

These panels and inverters are known to generate a barely-audible high-pitched whine, but this is normal, and will not interfere with car stereos or other equipment in the car.

Your door sills are designed to be waterproof (accumulated water on the sills generally will not reach the EL panel itself or short out wiring). Be sure you treat the inverter wiring with care, and don't allow wires to short out, become chafed or worn, or become broken or damaged.

G8 Designs puts a great deal of hand labor, years of expertise, and American-made pride into the creation of each unique set of these door sills. We hope you will truly enjoy this unique product in your GTO or Monaro, and that it will provide a show-quality entrance every time you open your doors. Please contact G8 Designs directly through our Facebook page if you ever have any questions about installation or use. [www.facebook.com/g8designs](http://www.facebook.com/g8designs) or you can email us directly at [g8designsfl@gmail.com](mailto:g8designsfl@gmail.com).





# ***G8** Designs*

Step 5: Enjoy your new door sills!





IN THE EVENT YOU EVER HAVE A PROBLEM, A FAILURE, OR ANYTHING FRUSTRATING HAPPEN (which is RARE), **DO NOT POST ONLINE COMPLAINING ABOUT IT!** G8 Designs is committed to providing assistance on ALL technical issues with our products!

The first thing you should ever do in such a situation is to **contact G8 Designs** directly for expert technical support, through our Facebook page or email. You can even reach us on nights and weekends. We are EASY to communicate with!

Most technical issues end up being something very small and simple to fix. Even so, these problems are RARE because we put so much expertise and hard work into making reliable and well-designed products that will last for many years.

With this particular product, there are only a handful of things that could cause a lighting failure. With anything of an electronic nature, NOTHING is forever. Failures can happen to anyone. But contact us directly, and we'll help you get things resolved quickly, even if your 1 year warranty period has expired. You can always call on us for questions or advice.



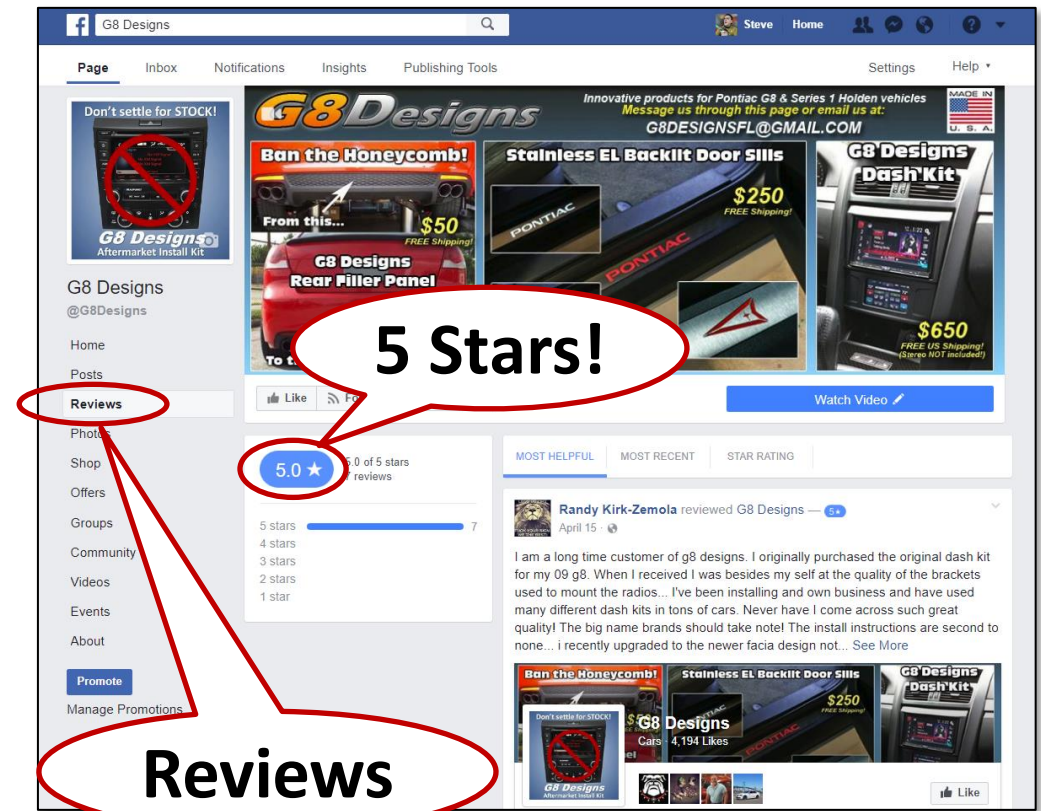
## G8 Designs – We Appreciate Your Reviews, Recommendations, and Ratings!

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 and other Holden-based vehicles 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!

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 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!



[www.facebook.com/g8designs](http://www.facebook.com/g8designs)



# Our Other Fine Products for the G8

## G8Designs

Innovative products for Pontiac G8 & Holden variants

CLICK "SEND MESSAGE" to chat LIVE or email us at:

G8DESIGNSFL@GMAIL.COM



### Ban the Honeycomb!

From this...

**\$60**  
FREE US Shipping!

**G8 Designs  
Rear Filler Panel**

To this!

### G8 Designs Dash Kit

**\$650**

FREE US Shipping!  
(Stereo NOT included!)

### Stainless EL Backlit Door Sills

**\$200**

FREE US Shipping!







# END

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

