

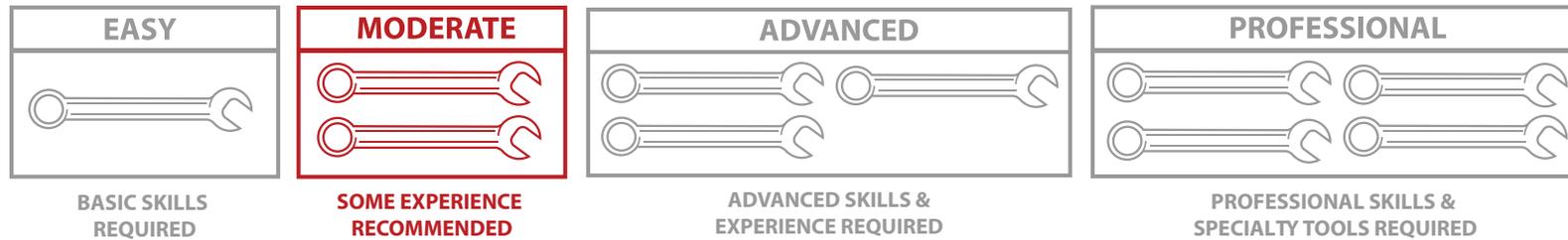


RENLINE

**991 CARRERA/CARRERA S
CARBON FIBER SIDE SKIRTS
INSTALL INSTRUCTIONS**

THE PROJECT

Today we will be installing our Carbon Fiber Side Skirts for our Porsche 991. These side skirts aren't like your everyday set, we've took them to the next level by designing a mudflap to replace that pesky OEM one! With each component working seamlessly together to create the fit and finish Rennline is known for!



Basic skills and experience are recommended for this job, but we're going to lay it out for you step by step, so even if you don't have much "wrench" time under your belt, these instructions will make it easy for you. Only basic tools are required, but don't forget to check out the tool list on Page 5, and make sure you have everything you need on hand before you begin. This installation will approximately take 1 hour to complete, however, additional time for curing the adhesive is recommended.

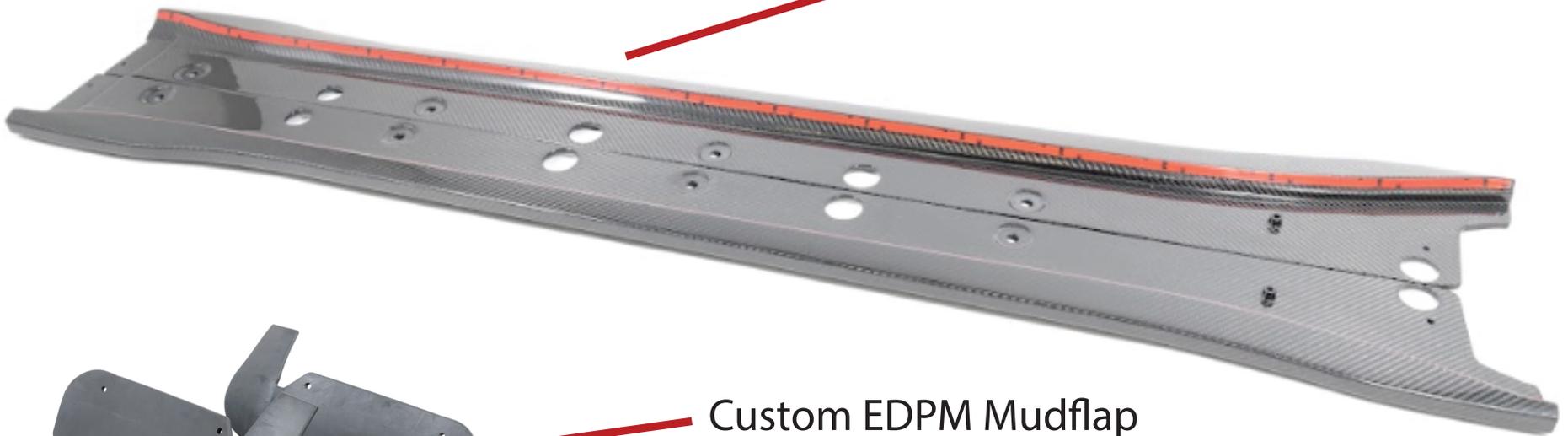
A couple of final points - While we recommend using a lift for installation, it is achievable on ramps or jack stands. Reading these instructions completely before you begin will help you plan out the job and manage your time better. Thank you for looking to Rennline for all of your performance and repair needs, we appreciate your business!

TABLE OF CONTENTS

Kit Contents.....	pg.4
Required Tools and Equipment.....	pg.5
Shop Supplies and Materials.....	pg.6
Installation and Safety Information	pg.7
Part Location Overview.....	pg.8
Installation Instructions	pg.10

KIT CONTENTS

Carbon Fiber Side Skirts



Custom EDPM Mudflap



Ribbed Push-In Fasteners and Screws



REQUIRED TOOLS

Note: The tools required for each step will be listed by the step number throughout these instructions.

Standard Tool Recommendations: We recommend that you have a standard automotive repair tool set before beginning this installation. The following list outlines the basic tools and sets that will be used during this installation as well as most automotive service procedures.

- Snap Ring Pliers or Needle Nose Pliers
- Microfiber Cloth
- Degreaser
- T27 & T15 Screwdriver
- Pry Tool or Flathead Screwdriver
- Brush Wheel & Power Drill

Specialty Tool Requirements: The following specialty tools are not considered part of a standard tool set and are required specifically for the installation of the Carbon Fiber Intake System.

- Rubber adhesive

SHOP SUPPLIES AND MATERIALS

Standard Shop Supply Recommendations: We recommend that you have a standard inventory of automotive shop supplies before beginning this or any automotive repair procedure. The following list outlines the basic shop supplies that we like to keep on hand.

- Hand Cleaner/Degreaser
- Pig Mats - for protecting your garage floor and work area from spills and stains
- Spray detailer - for rapid cleaning of anything that comes into contact with your paint such as brake fluid
- Micro Fiber Towels - for cleaning the paint on your car
- Latex Gloves - for the extra oily and dirty jobs
- Medium and High Strength Loctite Thread lock compound - to prevent bolts from backing out
- Anti-Seize Compound - to prevent seizing, galling, and corrosion of fasteners
- Aerosol Brake/Parts Cleaner - for cleaning and degreasing parts
- Shop Rags - used for wiping hands, tools, and parts
- Penetrating oil - for helping to free rusted or stuck bolts and nuts
- Mechanics wire - for securing components out of the way
- Silicone spray lube - for rubber components such as exhaust hangers
- Paint Marker - for marking installation positions or bolts during a torquing sequence
- Plastic Wire Ties/Zip Ties - for routing and securing wiring harnesses or vacuum hoses
- Electrical tape - for wrapping wiring harnesses or temporary securing of small components

INSTALLATION NOTES

- **RH** refers to the passenger side of the vehicle.
- **LH** refers to the driver side of the vehicle.
- Always use the proper torque specifications.
- If applicable to this installation, torque specifications will be listed throughout the document and at the end as well.
- Please read all of these instructions and familiarize yourself with the complete process **BEFORE** you begin.

GENERAL PREPARATION AND SAFETY INFORMATION

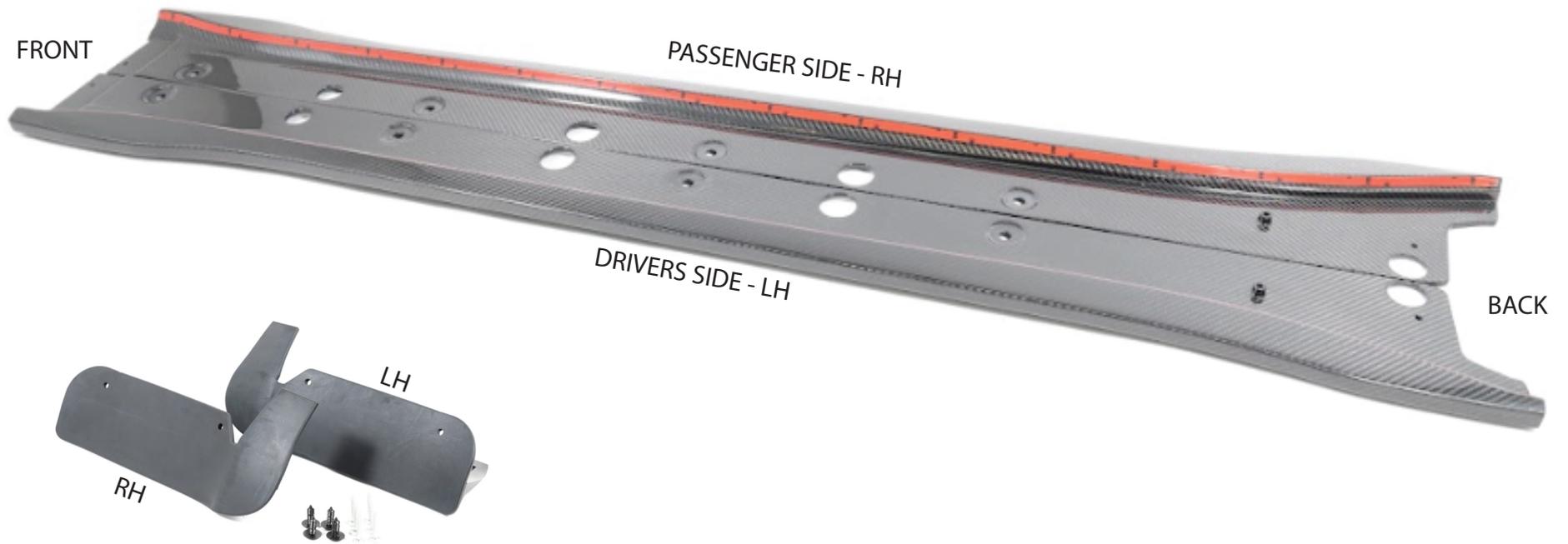
Rennline cares about your health and safety. Please read the following safety information. This information pertains to automotive service in general, and while it may not pertain to every job you do, please remember and share these important safety tips.

- Park your car in a safe, well lit, level area.
- Shut the engine off and remove the key from the ignition switch.
- Make sure any remote start devices are properly disabled.
- **ALWAYS** wear safety glasses.
- Make sure the parking brake is applied until the vehicle is safely lifted and supported.
- If using an automotive lift, be sure and utilize the factory specified lift points. Lifting a vehicle in an incorrect location can cause damage to the suspension/running gear.
- When lifting a vehicle using a jack, always utilize the factory specified lift points. Lifting a vehicle in an incorrect location can cause damage to the suspension/running gear. **ALWAYS** support the vehicle with jack stands.
- Always read and follow all safety information and warnings for the equipment you are using.

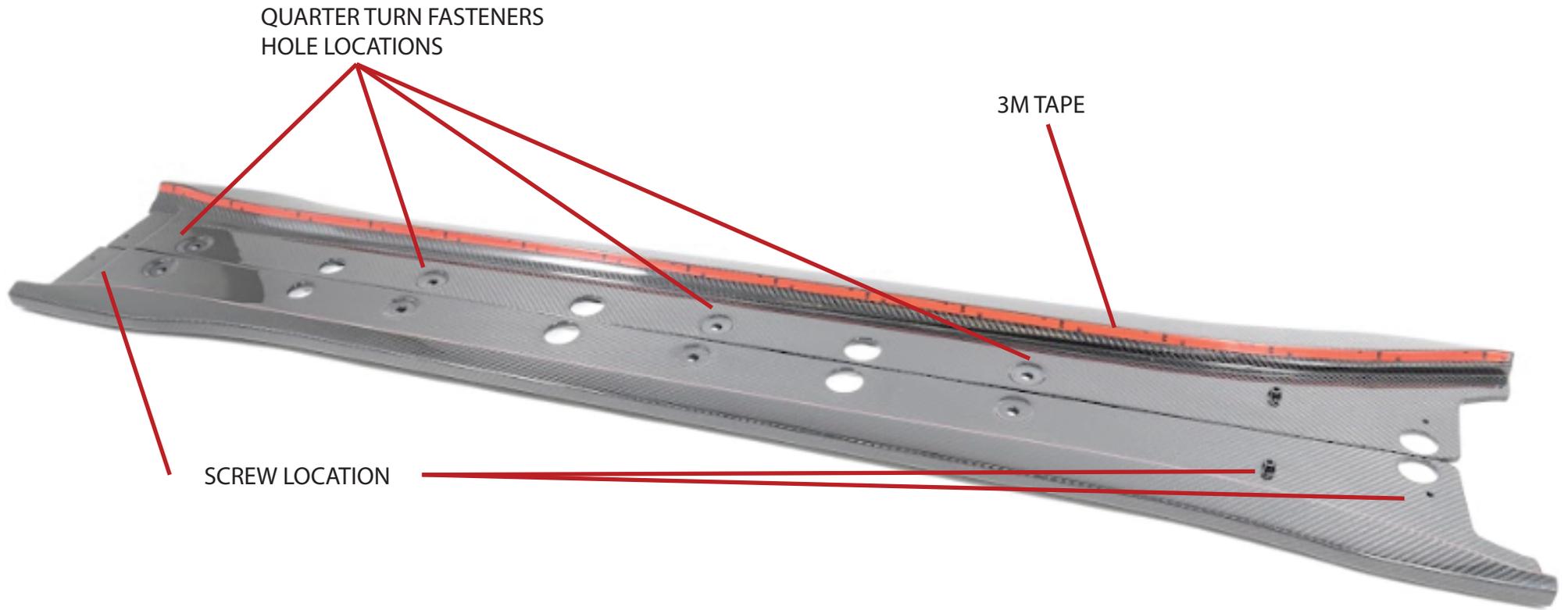


Never get underneath a vehicle that is supported only by a jack. Always make sure that the vehicle is securely supported on jack stands.

PART LOCATION OVERVIEW



PART LOCATION OVERVIEW



REMOVAL OF OEM MUDFLAP

Step 1:

Begin by removing the mudflap on the car. There are five screws, two screws are located within the wheel well, whilst the other three screws are located on the underside of the mudflap.



Step 2:

Then pull the mudflap down and towards the car, this will help release the clip that is attached the side of the rocker. Save the clip from the OEM mudflap as it will be bonded to the new mudflap.



ADHERING OEM MUDFLAP CLIP

Step 3:

Remove the OEM clip that is attached to the mudflap. Clean the surfaces with a brush wheel and then scuff the surfaces with 300 grit sandpaper. This will help the bonding to the new mudflap.



Step 4:

Start with applying glue liberally to the backside of the clip and place in the orientation shown in the photo to the right. Alternatively you can use the car to help you position the clip. Afterwards, fill in the small embossed holes from the front, this will help keep the clip bonded when in tension. Let the adhesive cure.



REMOVAL OF ROCKER FELT

Step 5:

While the adhesive is curing begin removing the last piece of trim. The felt on the underside of the rocker panel has four quarter turn fasteners that can be removed via needle nose pliers or snap ring pliers. Once all the discs have been removed pull the felt towards the back of the car to release it.



Step 6:

Clean the surface with a degreasing agent. The cleaner the surface the better the adhesion of the 3M tape will be.



ALIGNING OF SIDE SKIRTS

Step 7:

Before starting the first screw, remove the first few inches of the 3M tape backing and hang it over the side. Then in the front of the car begin threading in one of the provided screws. Do not tighten all the way, this way minor adjustments can be made.



Step 8:

Proceed to do the same towards the rear of the car. However, leave hole closest to the rear tire open as it will be used in the next steps for the mudflap.



MUDFLAP CLIP & QUARTER TURNS

Step 9:

Once the side skirt is positioned correctly, start pulling the backing of the 3M tape. Check to ensure that the posts of the quarter turn fasteners are visible and protruding through the cutouts. Afterwards, press the side skirt against the paint and ensure contact is being made along the upper edge.



Step 10:

Returning to the underside of the side skirt, replace the quarter turn discs back to their original position. This may take some force to mount as it requires compressing the grommet to ensure the discs do not fall off and stay in tension. You can now tighten the two screws down, still leaving the last one open for the mudflap.



INSTALLING NEW MUDFLAP

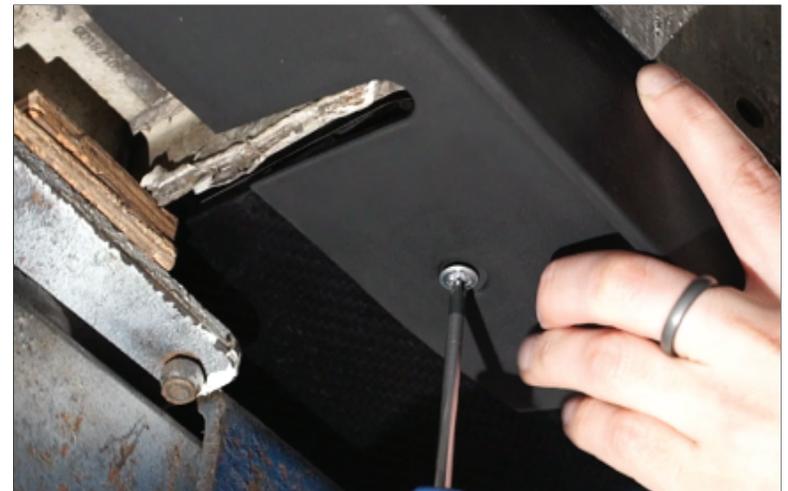
Step 11:

Once the adhesive has cured on the mudflap, align the top two holes with the holes on the wheel well liner. Use the provide barbed push-in fasteners to secure them together.



Step 12:

For the last screw on the side skirt, mount the mudflap and side skirt to the rocker panel. You can now ensure that all screws are snug before proceeding.



3M TAPE BACKING REMOVAL

Step 13:

Finally, adjust the winglet of the mudflap to ensure that once the clip is mounted to the body everything lines up. Then you can proceed to slid the clip onto the wheel well side of the rocker panel. Adjust as needed.



Step 14:

Now you can sit back and enjoy the view! For your safety and others, ensure that every screw is tightened and 3M tape is bonding well prior to driving for the first time.

