




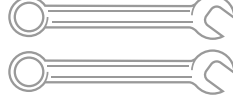


 **RENNLINE**

**Porsche 991 911
Carbon Fiber Door Sill
Install Instructions**

Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

THE PROJECT

Today we will be installing our Carbon Fiber Door Sill onto a Porsche 991. Replacing the original door sill that is scuffed and scraped with this new carbon fiber door sill will give your 991's interior a subtle, yet modern upgrade.

<p>EASY</p> 	<p>MODERATE</p> 	<p>ADVANCED</p> 	<p>PROFESSIONAL</p> 
<p>BASIC SKILLS REQUIRED</p>	<p>SOME EXPERIENCE RECOMMENDED</p>	<p>ADVANCED SKILLS & EXPERIENCE REQUIRED</p>	<p>PROFESSIONAL SKILLS & SPECIALTY TOOLS REQUIRED</p>

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. If you have any previous experience with a similar install, you could probably knock this out in an hour.

A couple of final points - Before starting ensure your door sills are clean of debris and water to prevent any damage to the paint. 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!

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KIT CONTENTS

SP08_A - Driver Side Carbon Fiber Door Sill

SP08_B - Passenger Side Carbon Fiber Door Sill



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.

- Power Drill
- Degreasing Cleaner
- Flat Head Screwdrivers

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 Decal Removal Wheel
- Trim Removal Tool

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



Weather Stripping

Door Sill Plate

Panel Support Clip

Removing Factory Door Sill

Step 1: Trim Removal Tool

Begin by removing the panel clip using a flat head screw driver or trim removal tool. Next, use a trim removal tool to pry upwards on the door sill plate. Once a gap is produced, use a second trim removal tool - one with a tapered edge to decrease the amount of force necessary - to slide underneath the door sill plate.



Step 2:

You may notice resistance when inserting the second trim tool, this is the double sided adhesive tape. The tapered edge of the trim tool will help separate the door sill plate. Remove the weather stripping for better access to the other edge of the door sill plate.



Removing Factory Door Sill

Step 3: Trim Removal Tool

Use the trim tool to slide down the length of the door sill, effectively slicing through the adhesive tape, this will preserve the original door sill if desired. If the condition of the door sill plate is not of concern then wedging the trim tool one third of the length of the door sill will give enough room to pry off with your hands.

Do note that there are two protrusions on the back of the door sill plate for alignment. This will be an obstruction when trying to slide the trim tool the entire length of the door sill.

WARNING: Removing by forceful measures will damage the metal insignia and the plastic door sill plate.

Step 4: Degreasing Cleaner and Microfiber Cloth

There will be remaining double sided tape on both the door sill and door sill plate, to remove this begin by cleaning the area with a degreasing cleaner and a microfiber to prevent debris from scratching the paint.

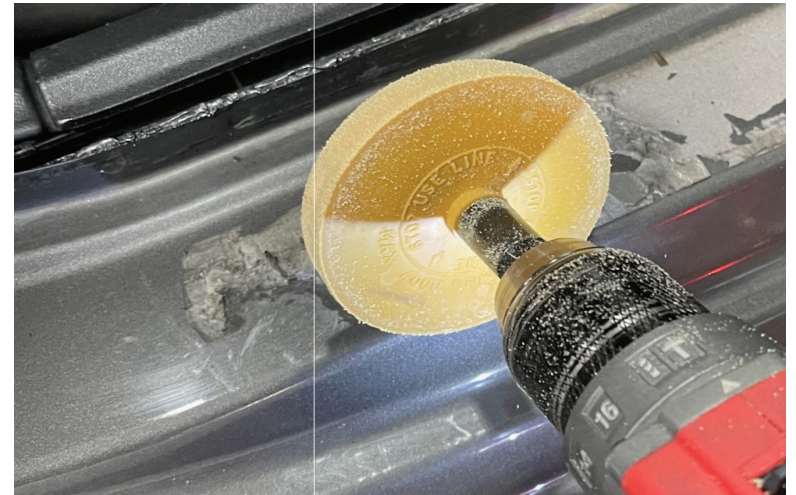


Removing Mounting Tape

Step 5: Rubber Decal Removal Wheel & Power Drill

For effortless removal of the remaining mounting tape use a rubber decal removal wheel with a power drill. This will considerably reduce the time spent on this step.

Applying a little pressure on the wheel will remove the adhesive, this will make a mess, so have a vacuum handy.



Step 6:

The rubber wheel shavings will decrease the visibility of the adhesive. To ensure all adhesive is removed, vacuum or wipe away the material as you go. This will ensure all the previous mounting tape is gone and will help with a proper adhesion in the following steps.



Surface Preparation

Step 7: Degreasing Cleaner & Microfiber

Once all the adhesive is removed and you are happy with the surface use a microfiber and cleaning agent to remove any oils or debris from the area.



Optional Step

This step is purely optional. Access to this surface is often limited by the door sills. Prior to installing our Carbon Fiber Door sill you can use this opportunity to polish or perfect your paint/clear coat.

Installation of CF Door Sill

Step 8:

Before removing the backing of the mounting tape test fit the Carbon Fiber Door Sill and ensure that the cutout lines up with the hole on the car. This will ensure that the left and right sides are not swapped during installation.

Remove the first few inches of the backing material and hang some over the edge of the part. As seen in the image to the right.



Step 9:

Once the door sill plate is aligned with the bends of the door sill slowly remove adhesive backing by pulling towards the opposite end. Apply some pressure to new door sill plate as you go to ensure alignment. Once the entirety of the adhesive backing is removed apply generous amounts of pressure along the entirety of the door sill to ensure adhesion.



Installation of CF Door Sill

Step 10:

After installation of the door sill, the panel support clip and weather stripping can be reinstalled. With that the installation of one side is finished. Repeat this process for the remaining side and enjoy your elevated interior!

