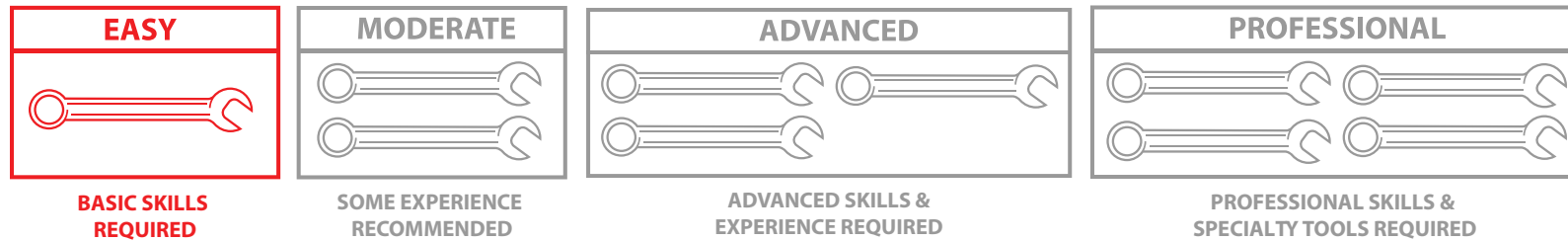




991.2 CARRERA S - SPORT EXHAUST CARBON FIBER DIFFUSER INSTALL INSTRUCTIONS

THE PROJECT

Short overview of the project, see install instruction example for wording and content.



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 install should take approximately 1 hour to complete.

A couple of final points - This installation is best performed with the vehicle raise off of the ground for access to screw locations and bumper removal. 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.9

KIT CONTENTS



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.

- Torx Drive Set or Torx Key Set

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.

- Angle Grinder With Cutting Wheel

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



Screw locations are shown circled.



BUMPER REMOVAL & MODIFICATION

Step 1:

To begin this installation the factory diffuser will need to be removed. Removal of the bumper will give easier access to the clips. Follow our guide on bumper removal for the 991 chassis, <https://www.youtube.com/watch?v=ZlmiYPTGlg0> (Rennline E236 991.1 Carrera Carbon Fiber Diffuser Install). To remove the factory Diffuser the clips will need to be pushed out. While the bumper is on the ground with the diffuser off, check the structure of the diffuser, then find the upper ridge of the small supports hidden behind the factory diffuser that curves towards the underneath of the car.



Step 2:

These will need to be removed for installation, doing so will not prevent re-installation of the factory diffuser and are not visible with either diffuser on. After cutting the supports off check to ensure your bumper looks similar to the one shown to the right.



INSTALLATION

Step 1:

Now we are prepared to install Rennline's Diffuser. You can either install the diffuser with the bumper on the car or on the ground. The advantage to it being off the car will ensure that all clips are fully seated.



Step 2:

Once the diffuser is clipped into the bumper, return the bumper to the car. After this you may mount the diffuser to the center screw location and on the arms of the diffuser.

Once the screws are installed the installation is complete.

