

VERUS

ENGINEERING

Dual Dive Plane Kit for Porsche 991.1 / 991.2 GT3RS

Install Manual



Author: Tom Lang
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Approvals: E. Hazen

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Dive Plane Kit for Porsche 991 GT3 and GT3RS – Install Manual

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1. Introduction

1.1. Overview: Detailed instructions on installing the Verus Engineering dive planes on the Porsche 991.1 / 991.2 GT3RS.

1.2. Difficulty: Easy

1.3. Time Required: 1 hour

1.4. Tools Needed:

- 1.4.1. Tape
- 1.4.2. Scissors
- 1.4.3. Rubbing Alcohol
- 1.4.4. Microfiber Towel

**1.5. Dive Plane Components**

- 1.5.1. Left-hand Lower Dive Plane
- 1.5.2. Left-hand Upper Dive Plane
- 1.5.3. Right-hand Lower Dive Plane
- 1.5.4. Right-hand Upper Dive Plane
- 1.5.5. Hardware Bag
 - 1.5.5.1. (4) Double Sided Tape

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1.5.5.2. (1) Paper Template

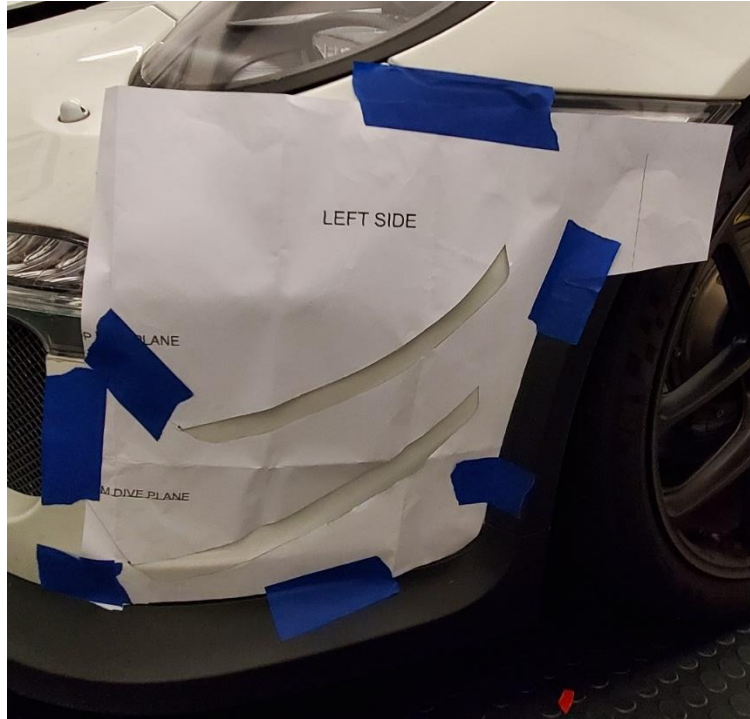


2. Porsche 991.1 / 991.2 GT3RS Dive Plane Install

- 2.1. Verus Engineering is not responsible for damage to you or your vehicle by following this manual and/or installing Verus Engineering products.
- 2.2. To start, it is ***highly*** recommended to follow 3M's VHB install instructions, which are the following: The ambient temperature should be over 50 degrees F. **50% of the ultimate bond strength will be achieved after 20 minutes, 90% after 24 hours, and 100% after 72 hours.**
- 2.3. It is wise to have the car fairly clean for this install, or at least the front bumper. Due to the template and possible drilling on the vehicle, starting with a clean car reduces the risk of scratches and improves install ease.
- 2.4. Begin by preparing the front bumper for the VHB tape. Use a 50 / 50 mix of Isopropyl alcohol, and water along with a clean microfiber towel to wipe the area down.
- 2.5. Locate the appropriate template for the side you want to install first. Cut the template out and tape it to the bumper following the guidelines on the template.

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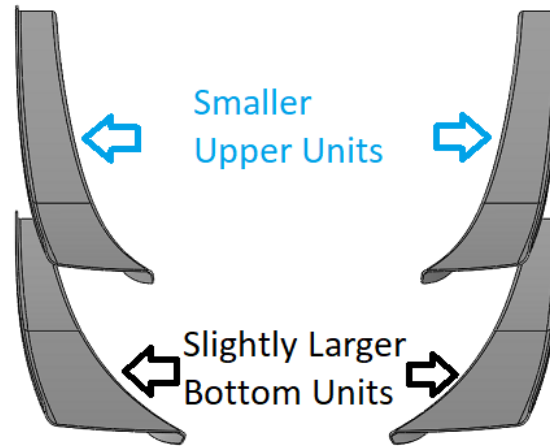
- 2.6. Prepare the dive plane mounting surfaces for the VHB tape by using the same 50 / 50 Isopropyl alcohol / water solution, and a clean microfiber towel to clean them thoroughly.
- 2.7. Peel the white backing off and, apply the correct pre-cut VHB tape pieces to the dive planes. Have the red backing facing you, as shown below.



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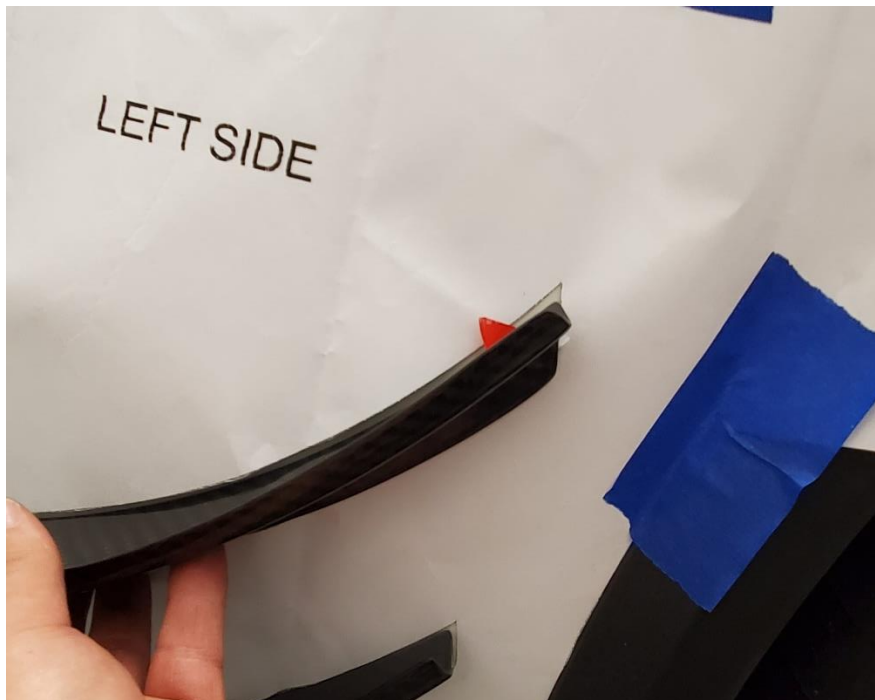
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- 2.8. For the install, the slightly larger units are the bottom dive plane, while the slightly smaller units are the upper dive planes.



****Generic photo for reference****

- 2.9. Peel a small section of the red backing so that you can just slightly stick the dive plane to the bumper while still being able to readjust the dive plane if needed.



- 2.10. Once you are happy that the placement of the dive plane is correct, begin pulling the red backing off while holding the dive plane in place. Massage the dive plane into the bumper to improve adhesion.

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- 2.11. Again, as stated at the beginning of this installation manual, it is ***highly*** recommended to follow 3M's VHB install instructions, which are listed in these steps below. The ambient temperature should be over 50 degrees F. 50% of the ultimate bond strength will be achieved after 20 minutes, 90% after 24 hours, and 100% after 72 hours.
- 2.12. Repeat the same process outlined above for all other dive planes that need to be installed.
- 2.13. Congratulations on installing the Verus Engineering dive planes for the Porsche 991.1 / 991.2 GT3RS. Enjoy the benefits the dive planes have on front end downforce.
- 2.14. Please send any questions, comments, concerns, or photos to Verus Engineering via e-mail; sales@verus-engineering.com.

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