

# VERUS ENGINEERING

## Dive Plane Kit for the Toyota GR86 2022+ Install Manual



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### Document Revisions

Rev	Date	Author	Description
01	2022/07/19	T. Lang	Initial release of install manual

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Dive Plane for Toyota GR86 – Install Manual

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## Dive Plane for Toyota GR86 – Install Manual

### 1. Introduction

**1.1. Overview:** Detailed instructions on installing the Verus Engineering dive planes on the Toyota GR86.

**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.** Clean Microfiber cloth

**1.4.4.** 50/50 mix of water / Isopropyl alcohol



**1.5. Dive Plane Components**

**1.5.1.** Left-hand Dive Plane

**1.5.2.** Right-hand Dive Plane

**1.5.3.** Hardware Bag

**1.5.3.1.** (2) Paper Template

**1.5.3.2.** Right Side Dive Plane Double Sided Tape

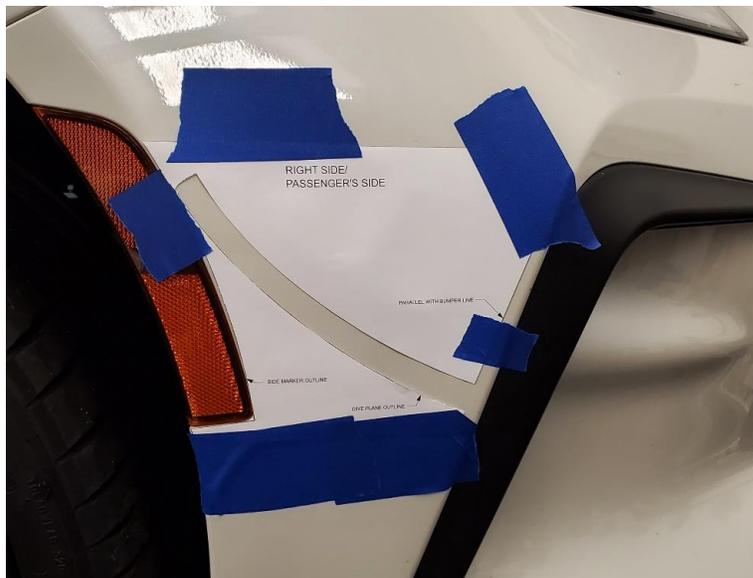
**1.5.3.3.** Left Side Dive Plane Double Sided Tape

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## 2. Toyota GR86 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. It is wise to have the car fairly clean for this install, or at least the front bumper. Due to the template, starting with a clean car reduces the risk of scratches and improves install ease.
- 2.3. Begin by cutting out both templates, and taping them to the bumper as shown. Pay special attention to the directions on the template. These will help to correctly align the template.



- 2.4. To begin, we will prep all surfaces for the double sided VHB tape.
- 2.5. 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

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bond strength will be achieved after 20 minutes, 90% after 24 hours, and 100% after 72 hours.

- 2.6. Utilize a 50/50 alcohol/water mixture with a microfiber towel and thoroughly clean the areas the dive plane will be installed. This provides a clean surface for the tape to adhere to.
- 2.7. Thoroughly clean the dive plane mounting flange, and the area on the bumper where the dive plane will be installed with a 50/50 solution of alcohol/water. See photo in 2.3
- 2.8. Install the doubled sided tape on the dive plane by removing the white side of the double-sided tape.



- 2.9. Check fitment of the dive planes to the bumper before final install. The dive planes should fit the bumper perfectly. **If they do not, ensure the template is installed correctly and adjust as necessary. Pay special attention to how the dive plane wraps around the “fang” which is pointed out by arrows below.**



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- 2.10.** Peel the red protective film off the tape, and install the dive plane into the cut-out portion of the template labeled “Dive Plane Outline”. Work the dive plane into the bumper. Ensure the dive plane is massaged well into the bumper for maximum adhesion.



- 2.11.** Allow the dive plane to stay on car for a minimum of 24 hours, 72 for the best possible adhesion. See step 2.5 for further clarification on bond strength.
- 2.12.** Repeat the process for the other side
- 2.13.** Congratulations on installing the Verus Engineering dive planes for the Toyota GR86. 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](mailto:sales@verus-engineering.com).

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