



# VERUS ENGINEERING

## Dive Plane Kit – G87 BMW M4 Install Manual



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**Release Date:** 2024/08/06  
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### Document Revisions

Rev	Date	Author	Description
01	2024/08/06	P. Landolt	Initial release of install manual

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## Dive Plane Kit for G87 BMW M4 – Install Manual

### 1. Introduction

**1.1. Overview:** Detailed instructions on installing the Verus Engineering Dive Plane Kit on the G87 BMW M4.

**1.2. Difficulty:** Easy

**1.3. Time Required:** .5 hour

**1.4. Tools Needed:**

**1.4.1.** Tape

**1.4.2.** Scissors

**1.4.3.** 50/50 Mix of Isopropyl Alcohol and Water

**1.4.4.** Microfiber Towel



### 1.5. Dive Plane Components

**1.5.1.** Left-Hand Top Dive Plane

**1.5.2.** Right-Hand Top Dive Plane

**1.5.3.** Left-Hand Bottom Dive Plane

**1.5.4.** Right-Hand Bottom Dive Plane

**1.5.5.** Hardware Bag

**1.5.5.1.** (1) Paper Template

**1.5.5.2.** (1) Pre-Cut 3M VHB, Left Top

**1.5.5.3.** (1) Pre-Cut 3M VHB, Right Top

**1.5.5.4.** (2) Pre-Cut 3M VHB, Left Bottom

**1.5.5.5.** (2) Pre-Cut 3M VHB, Right Bottom

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## 2. G87 BMW M4 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. For best adhesion, the following guidelines should be met for install: **Minimal temperature for install should be 50 degrees Fahrenheit. At room temperature approximately 50% of ultimate bond strength will be achieved after 20 minutes, 90% after 24 hours and 100% after 72 hours.**
- 2.4. Cut out the supplied template, and tape it to the car to correctly locate the dive planes.



- 2.5. Using a clean microfiber, wipe both the dive plane mounting surface and area of application on the vehicle with your 50/50 mix of isopropyl alcohol and water.

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2.6. Apply the double-sided tape to the dive planes first as shown below.



2.7. Place the dive planes up to the template and make sure there are little to no gaps between the bumper and dive plane. This ensures you are installing the units in the correct location and the template is properly installed.

2.8. Line up the dive plane with the template, and stick it to the bumper. **Note: The larger dive plane is the bottom unit and the smaller dive plane is the top unit.**



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2.9. Firmly press the dive plane into the front bumper to get the best adhesion possible.



2.10. It is recommended you let the car sit for at least 24 hours, as 90% of bond strength is achieved in that time-frame. It is best to let the car sit for 3 days!

2.11. Congratulations on installing the Verus Engineering Dive Plane Kit for the G87 BMW M4. Enjoy the benefits the dive planes have on front end downforce.

2.12. Please send any questions, comments, concerns, or photos to Verus Engineering via e-mail; [sales@verus-engineering.com](mailto:sales@verus-engineering.com).

