

VERUS ENGINEERING

UCW Rear Wing – 991.1 and 991.2 Porsche GT3 Install Manual



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UCW Rear Wing 991 GT3 – Install Manual

CONTENTS

1. Introduction	<3>
1.1. Overview	<3>
1.2. Difficulty	<3>
1.3. Time Required	<3>
1.4. Tools Needed	<3>
1.5. Rear Wing Components	<3>
2. Rear Wing Install.....	<4-10>

UCW Rear Wing 991 GT3 – Install Manual

1. Introduction

1.1. Overview: Detailed instructions on installing the Verus Engineering UCW Rear Wing on the 991 GT3.

1.2. Difficulty: Easy

1.3. Time Required: 1 hour

1.4. Tools Needed:

- 1.4.1. Socket Wrench
- 1.4.2. T40 Socket
- 1.4.3. 5mm Allen
- 1.4.4. Microfiber
- 1.4.5. Plastic Pick
- 1.4.6. 2.5mm Allen
- 1.4.7. Level

1.5. Rear Wing Components

- 1.5.1. (1) Left-Hand Large, 10-15 Degree Wing Mount
- 1.5.2. (1) Right-Hand Large, 10-15 Degree Wing Mount
- 1.5.3. (1) Left Hand Small, 4-9 Degree Wing Mount
- 1.5.4. (1) Right-Hand Small 4-9 Degree Wing Mount
- 1.5.5. (2) Endplate
- 1.5.6. (1) Brake Light Cancellor
- 1.5.7. (1) **Hardware Bag**
 - 1.5.7.1. (5) M6 x 1.0 x 16mm Long Socket Head Cap Screw (SHCS), Stainless Steel
 - 1.5.7.2. (5) M6 x 12mm O.D. Washer, Stainless Steel
 - 1.5.7.3. (4) Machined Aluminum Endplate Washer
 - 1.5.7.4. (4) Buna-N O-Ring, #013
 - 1.5.7.5. (4) M4 x 0.7 FHCS (Flat Head Cap Screw) x 16mm Long, Stainless



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UCW Rear Wing 991 GT3 – Install Manual

2. 991 GT3 UCW Rear Wing Install

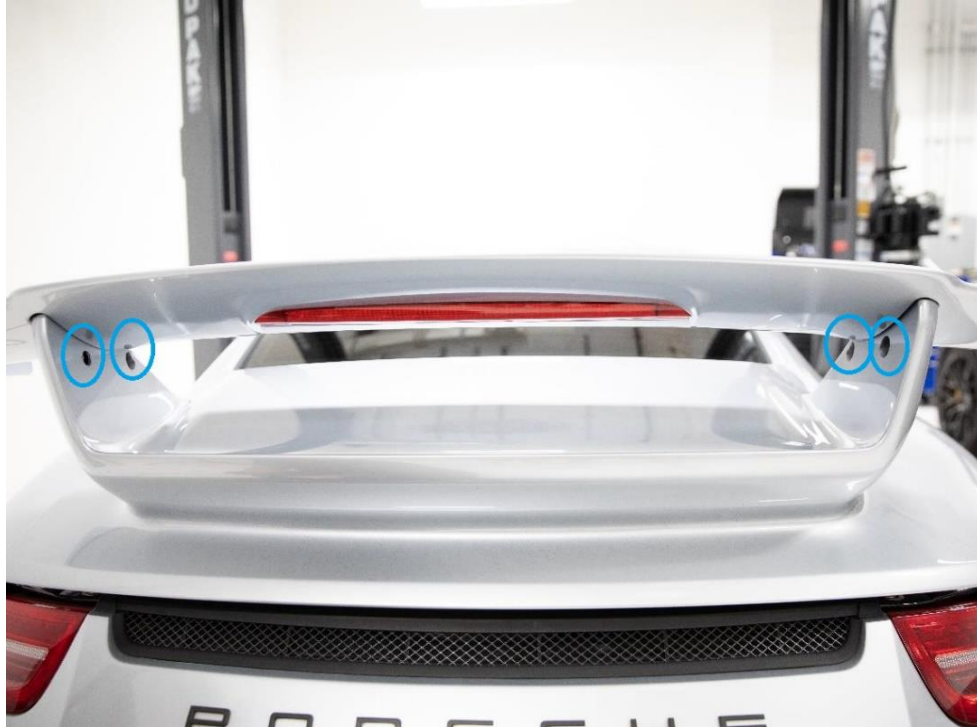
- 2.1. Verus Engineering is not responsible for damage to you or your vehicle by following this manual and/or installing Verus Engineering products.
- 2.2. **Note: It is highly recommended to have a helper for this installation.**
- 2.3. Open the trunk and disconnect the 3rd brake light cable



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UCW Rear Wing 991 GT3 – Install Manual

- 2.4. Remove the four (4) rubber grommets on the inside of the spoiler. You can use a plastic pick to remove the grommets. Be careful not to damage the paint. Then remove the hardware holding the spoiler in place using a T40 socket.



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UCW Rear Wing 991 GT3 – Install Manual

- 2.5. Carefully remove the spoiler. Make sure the brake light cable is clear from being caught inside the spoiler.



- 2.6. Install the trunk mounts. Use a microfiber towel and a 50/50 isopropyl alcohol/water mixture to clean the surface. Use a T40 socket to reinstall the OEM bolts. Leave the hardware slightly loose.

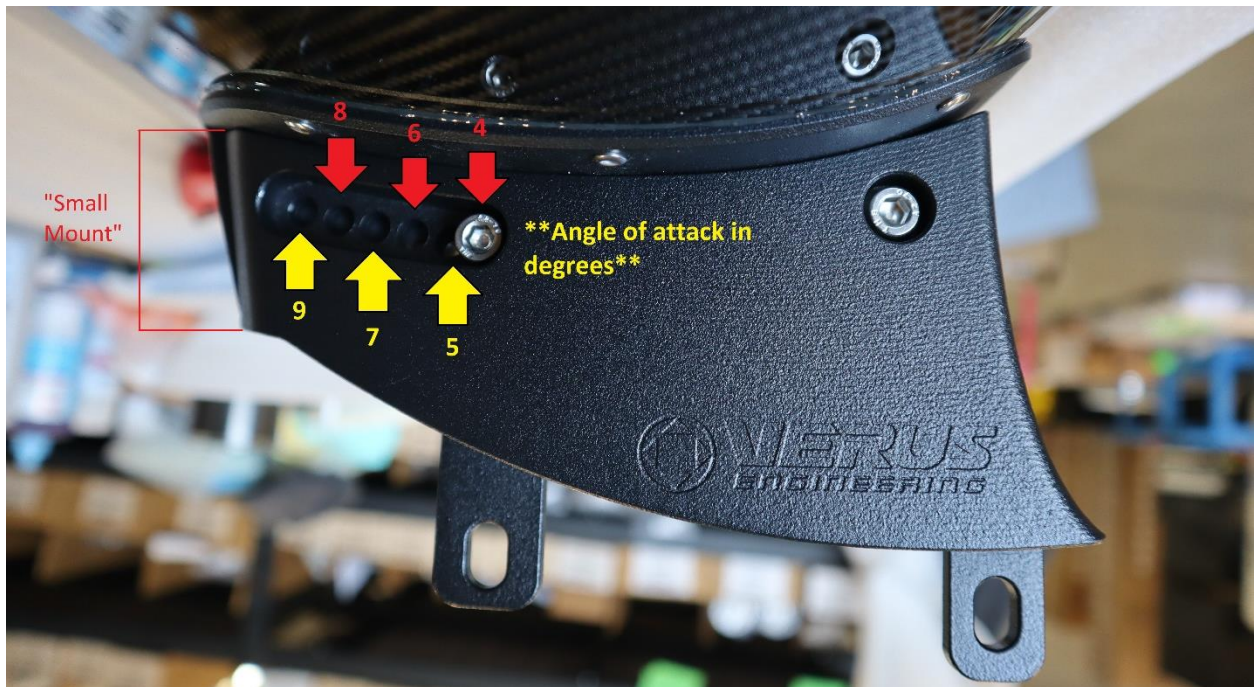
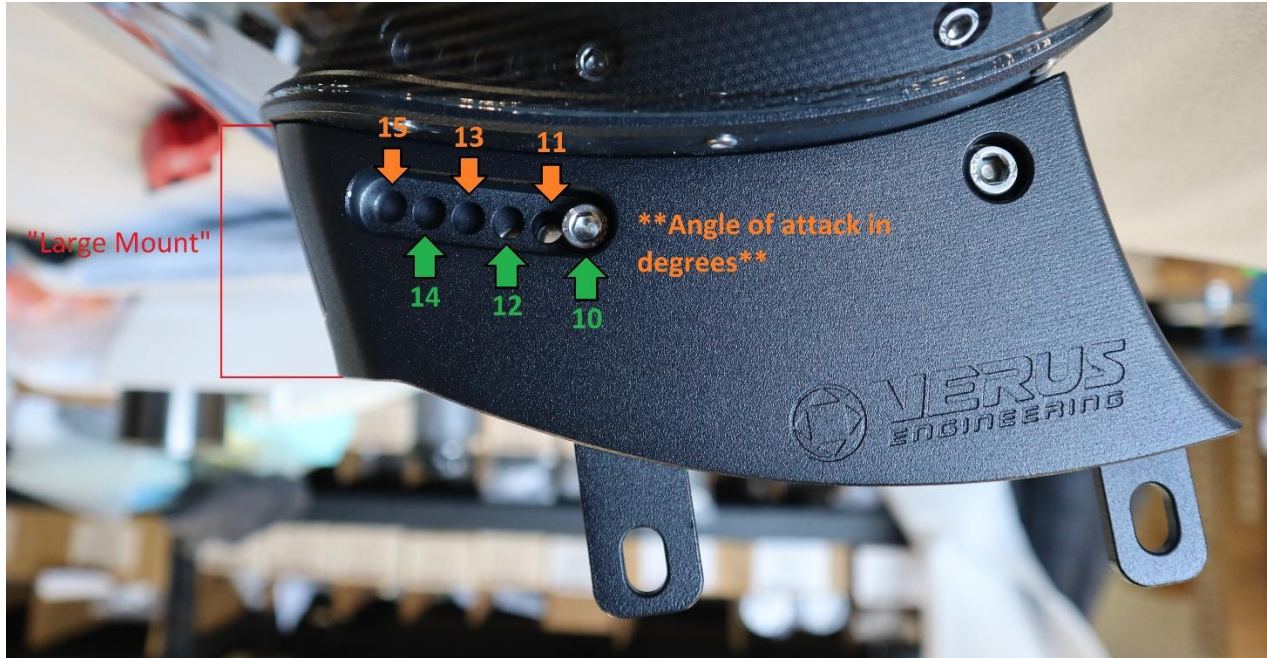
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UCW Rear Wing 991 GT3 – Install Manual



NOTE: Two sets of mounts are provided. They provide different amounts of adjustment for the angle of attack shown below.

UCW Rear Wing 991 GT3 – Install Manual



2.7. Place the wing on the trunk mounts. Using a 5mm allen key or socket, begin loosely installing the 16mm long SHCS with 12mm O.D. washers.

UCW Rear Wing 991 GT3 – Install Manual



- 2.8.** Adjust the spoiler to your desired angle of attack as shown in **2.6**.
- 2.9.** Tighten the OEM T40 hardware to 8 ft-lbs, and the M6 SHCS to 6 ft-lbs.
- 2.10.** To finish installing the rear wing, we have to install the endplates. Both install in the same manner. We include aluminum washers for the M4 FHCS, and o-rings to reduce marring of the aluminum or carbon fiber. Install the o-ring in the washer groove, and install into the endplate and rear wing as shown below. Finger tight should be plenty.



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UCW Rear Wing 991 GT3 – Install Manual

- 2.11.** Tighten the M4 hardware to 1/8 turn past snug. **Do not overtighten!**
- 2.12.** Install the third brake light canceller into the connector for the third brake light harness disconnected in **2.3.**



- 2.13.** Congratulations on installing our 991 GT3 UCW Rear Wing. Please send any questions, comments, concerns, or photos to Verus Engineering via e-mail; sales@verus-engineering.com.



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