

# VERUS ENGINEERING

## Rear Diffuser Panel Kit for 718 Porsche GT4 Install Manual



Author: Eric Hazen  
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Approvals: C. Warner

### Document Revisions

| Rev | Date       | Author   | Description                       |
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| 01  | 2023/11/09 | E. Hazen | Initial release of install manual |
|     |            |          |                                   |
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Rear Diffuser Panel Kit, Porsche 718 GT4 – Install Manual

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## Rear Diffuser Panel Kit, Porsche 718 GT4 – Install Manual

## 1. Introduction

**1.1. Overview:** Detailed instructions on installing the Verus Engineering Rear Diffuser Panel Kit for the 718 Porsche GT4.

**1.2. Difficulty:** Easy

**1.3. Time Required:** 1-2 hour

**1.4. Tools Needed:**

- 1.4.1. T25 Torx
- 1.4.2. T30 Torx
- 1.4.3. Ratchet / Socket Driver
- 1.4.4. 4mm Allen Wrench or Socket

**1.5. Diffuser Side Panel Components**

- 1.5.1. Left-hand Diffuser Panel with Strakes
- 1.5.2. Right-hand Diffuser Panel with Strakes
- 1.5.3. Bracket (2)
- 1.5.4. Hardware Bag
  - 1.5.4.1. (2) M6x1.0 BHCS (Button Head Cap Screw), 16mm Long, Stainless
  - 1.5.4.2. (4) M6 x 18mm OD Washer, Stainless
  - 1.5.4.3. (2) M6x1.0 Serrated Nut, Stainless
  - 1.5.4.4. (2) M6x1.0 BHCS, 60mm Long, Stainless
  - 1.5.4.5. (4) M6 x 15mm Long Black Nylon Spacer
  - 1.5.4.6. (2) M6 x 5mm Long Black Nylon Spacer
  - 1.5.4.7. (2) M6 Clip On Fold Nut, Steel

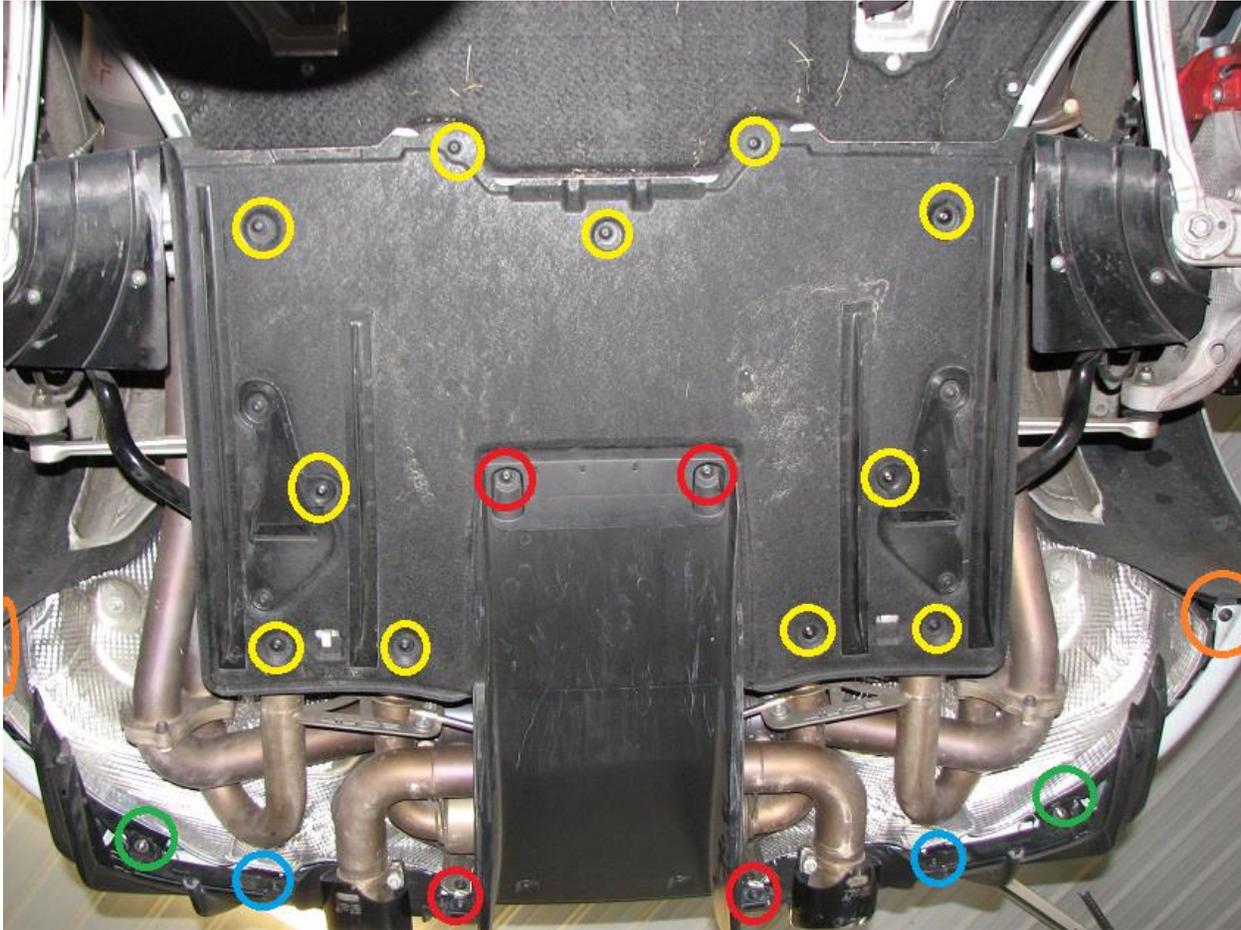
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## 2. Rear Diffuser Panel Kit Install

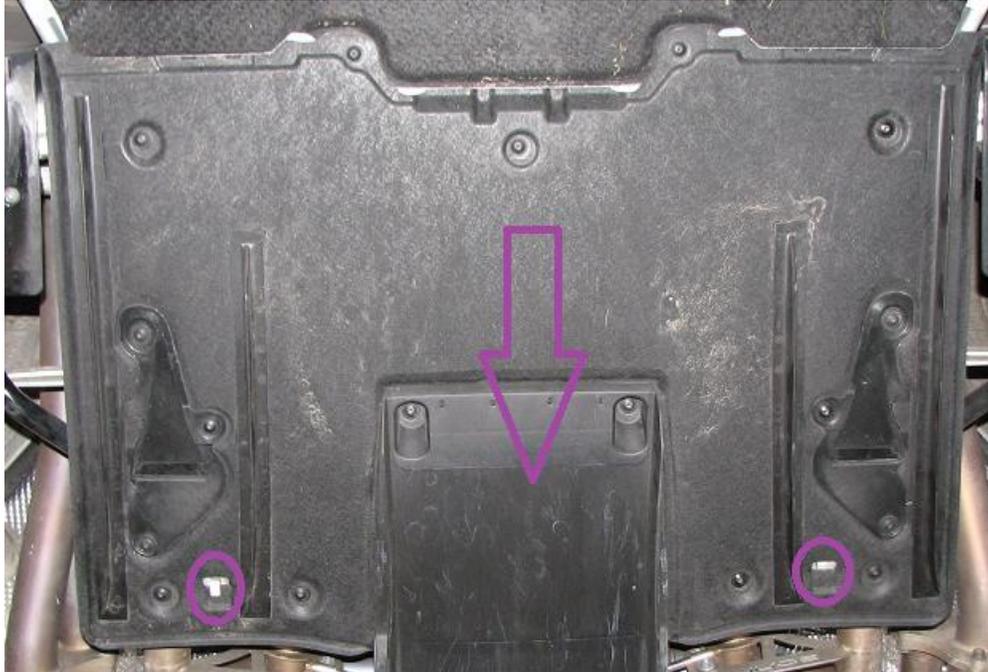
- 2.1. Verus Engineering is not responsible for damage to you or your vehicle by following this manual and/or installing Verus Engineering products.
- 2.2. Jack the vehicle up in the rear and support it with jack stands. Alternatively, lift the vehicle with a lift as shown in this install manual. Do so in a safe and controlled manor.
- 2.3. Remove the wheels with whatever size socket is necessary given your nuts or bolts being used on the vehicle.
- 2.4. Below is an image of what we are working with. The yellow circles are T25 coarse thread bolts. The red circles are T25 M6 bolts with a shoulder. The blue circles are T25 coarse threads with no flange. The green circles are T25 bolts with factory clip on nuts, which we will replace with M6 clip on nuts. Finally, the orange circles are T30 coarse thread bolts with a shoulder.

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- 2.5. We recommend starting by removing all the yellow circled bolts, and the red circled bolts so that the fabric panel can move freely.
- 2.6. With the bolts removed, we can move the fabric panel rearward and off the retaining clips which are circled in purple below. Do this by pushing the panel rearward.

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**2.7.** Remove the T25 bolt next to the center diffuser tunnel, which was circled in red in step 2.4, as well as below.

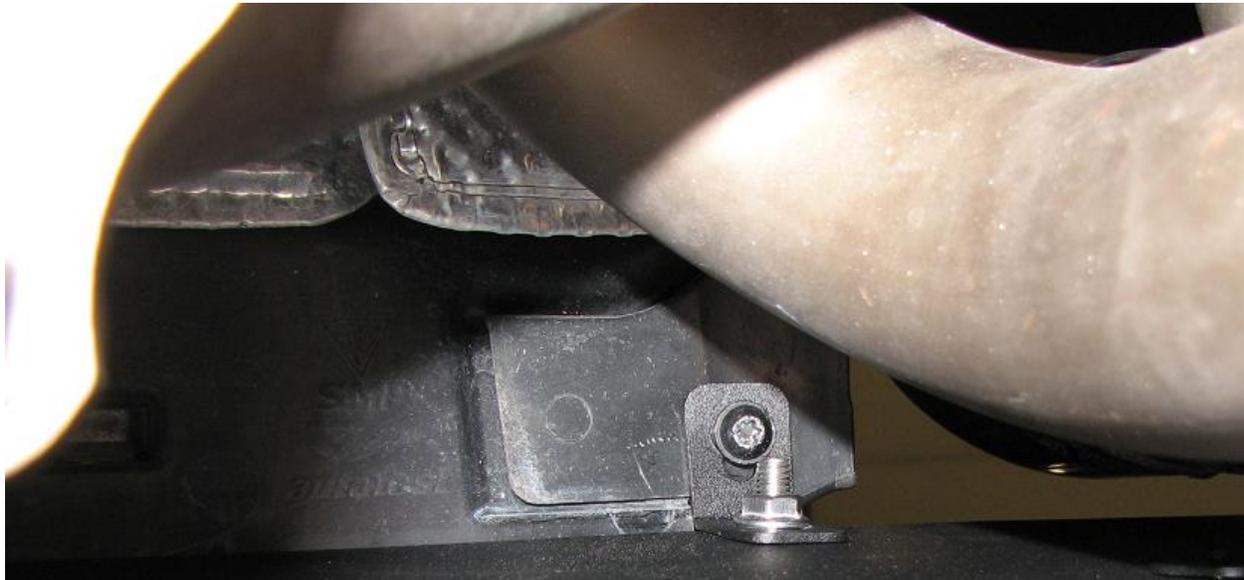


**2.8.** Remove the T25 bolt shown below, circled in blue in both step 2.4 and below.

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**2.9.** We will install the bracket in this location by reusing the factory bolt. Install the bracket as shown below.



**2.10.** Next, we remove the T25 bolt and factory clip on nut. We replace this with the supplied M6 clip on nut which is shown with the green arrow below. This is the green circle in step 2.4 above as well.

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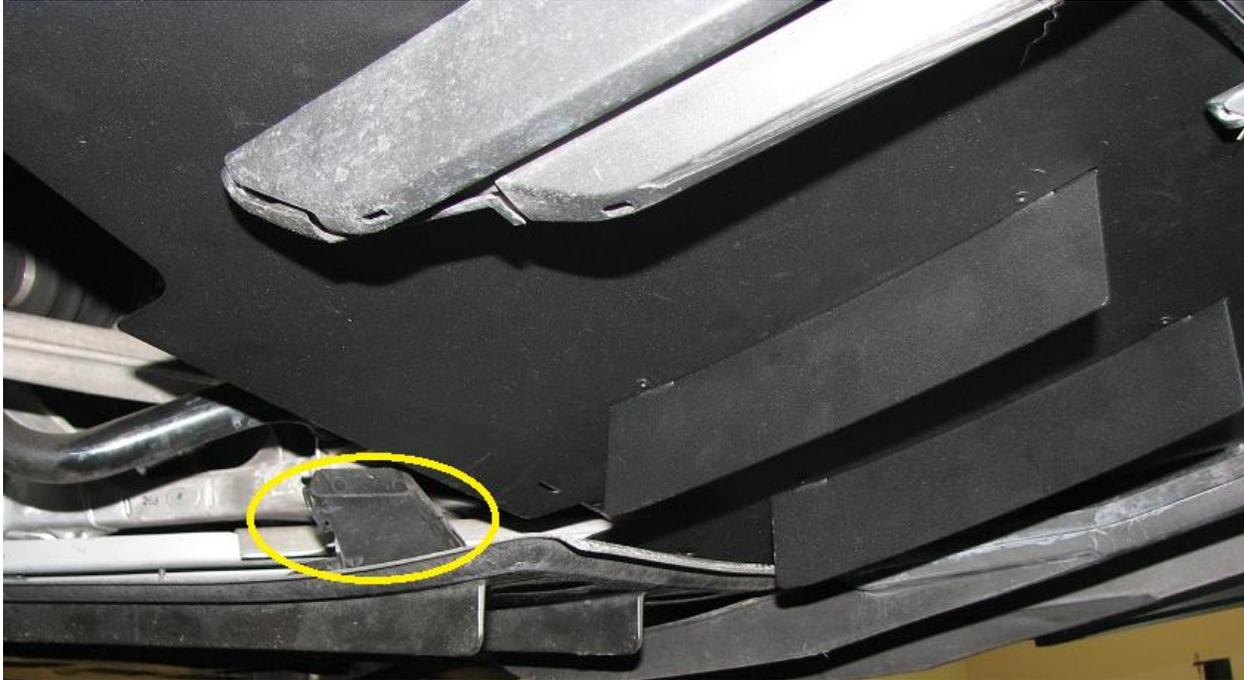


**2.11.** Finally, remove the T30 bolt circled in orange in step 2.4 and the below image.

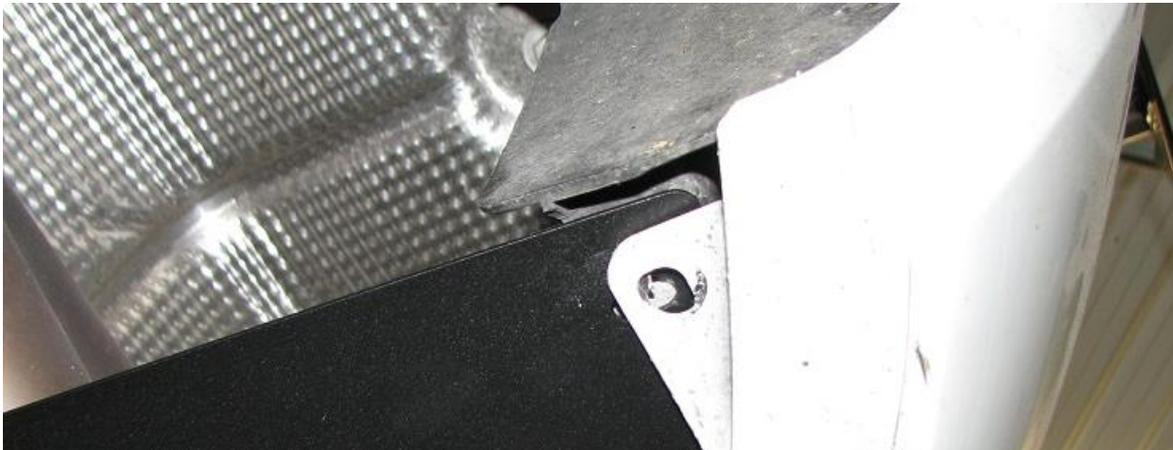


**2.12.** We can now work on installing the diffuser panel. To do this, pull down on the fabric panel and come in from the side. The panel will go above the NACA duct circled in yellow below. This gives you an idea of how low to pull down on the fabric panel. Doing this will allow the panel to get into place.

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- 2.13.** The diffuser panel will go above the bumper in the location shown below. Pull the bumper out and slide the diffuser panel above this bumper location.



- 2.14.** The center most location, next to the main diffuser tunnel, we will reinstall the factory hardware which is an m6 bolt with shoulder, as shown below. Do not tighten this fully.

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- 2.15.** The next location outward, which bolts to the bracket we installed in step 2.9, we will use the 16mm long BHCS, washer, and the serrated nut on top. This is shown below.



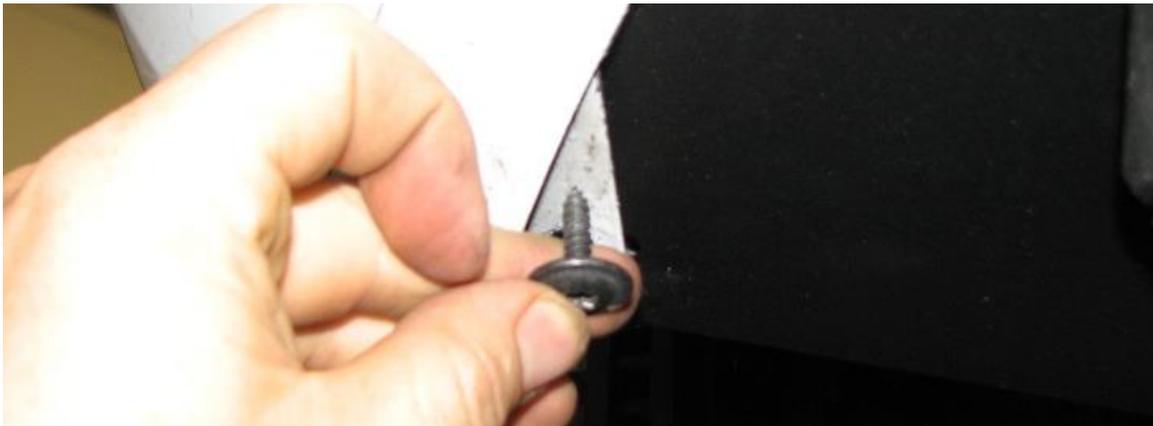
- 2.16.** The next location moving outward will be using the 60mm long BHCS, washer, (2) 15mm long spacers, and (1) 5mm spacer. The bolt and washer go on the bottom side of the diffuser, and the spacers go above the diffuser. To install the spacers on top of the diffuser,

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we recommend going through the fender location, towards the rear of where the wheel would be.



- 2.17.** We will reuse the outside most bolt as well, which is the T30 coarse thread bolt with a shoulder, as shown below.



- 2.18.** At this point, all the bolts holding the diffuser panel are installed, as shown below.

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- 2.19. With the fabric panel still loose, pull it rearward, push it up on the retaining points and then push the fabric forward.
- 2.20. Reinstall all the T25 bolts on the fabric panel.



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- 2.21.** We can now tighten all the bolts to finish the install.
- 2.22.** Congratulations on installing the Verus Engineering Rear Diffuser Panel Kit for the 718 GT4. Enjoy the benefits of the rear diffuser panel kit, which is reduced drag and increased rear end downforce.
- 2.23.** 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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