

# VERUS ENGINEERING

## Air Dam Kit Install Manual

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Release Date: 2022/3/3  
Approvals: Clay Warner  
Document Revisions

Rev	Date	Author	Description
01	2022/3/3	T. Lang	Initial release of install manual

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## Air Dam Kit – Install Manual

## 1. Introduction

**1.1. Overview:** Detailed instructions on installing the Verus Engineering Vortex Generator Kit for the Shelby GT350.

**1.2. Difficulty:** Easy

**1.3. Time Required:** Approximately .5 hours

**1.4. Tools Needed:**

- 1.4.1. Drill
- 1.4.2. 1/4" Drill Bit
- 1.4.3. Measuring Tape
- 1.4.4. Painter's Tape
- 1.4.5. Sharpie



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**1.5. Air Dam Kit Components**

- 1.5.1. (1) Driver side Air Dam
- 1.5.2. (1) Passenger side Air Dam
- 1.5.3. Hardware Bag
  - 1.5.3.1. M6 x 1.0 25mm Button Head Cap Screws
  - 1.5.3.2. M6 18mm OD Washers
  - 1.5.3.3. M6 12mm OD Washers
  - 1.5.3.4. M6 x 1.0 Serrated Nuts

**2. Air Dam 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. We begin by finding center on the splitter. This may require removal from the car in order to be able to measure across the splitter with no obstructions.
  - 2.2.1. First, place some painter's tape on approximately the center of the splitter.

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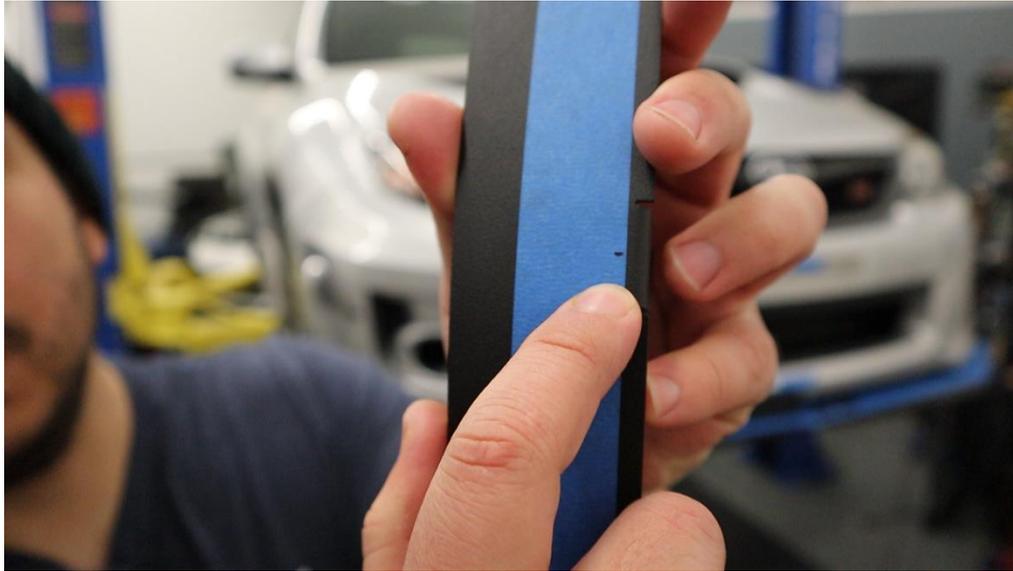
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- 2.2.2. Next, use the measuring tape to find the center of the splitter and mark it on the tape.
- 2.2.3. Re-install the splitter to the car if it was removed.



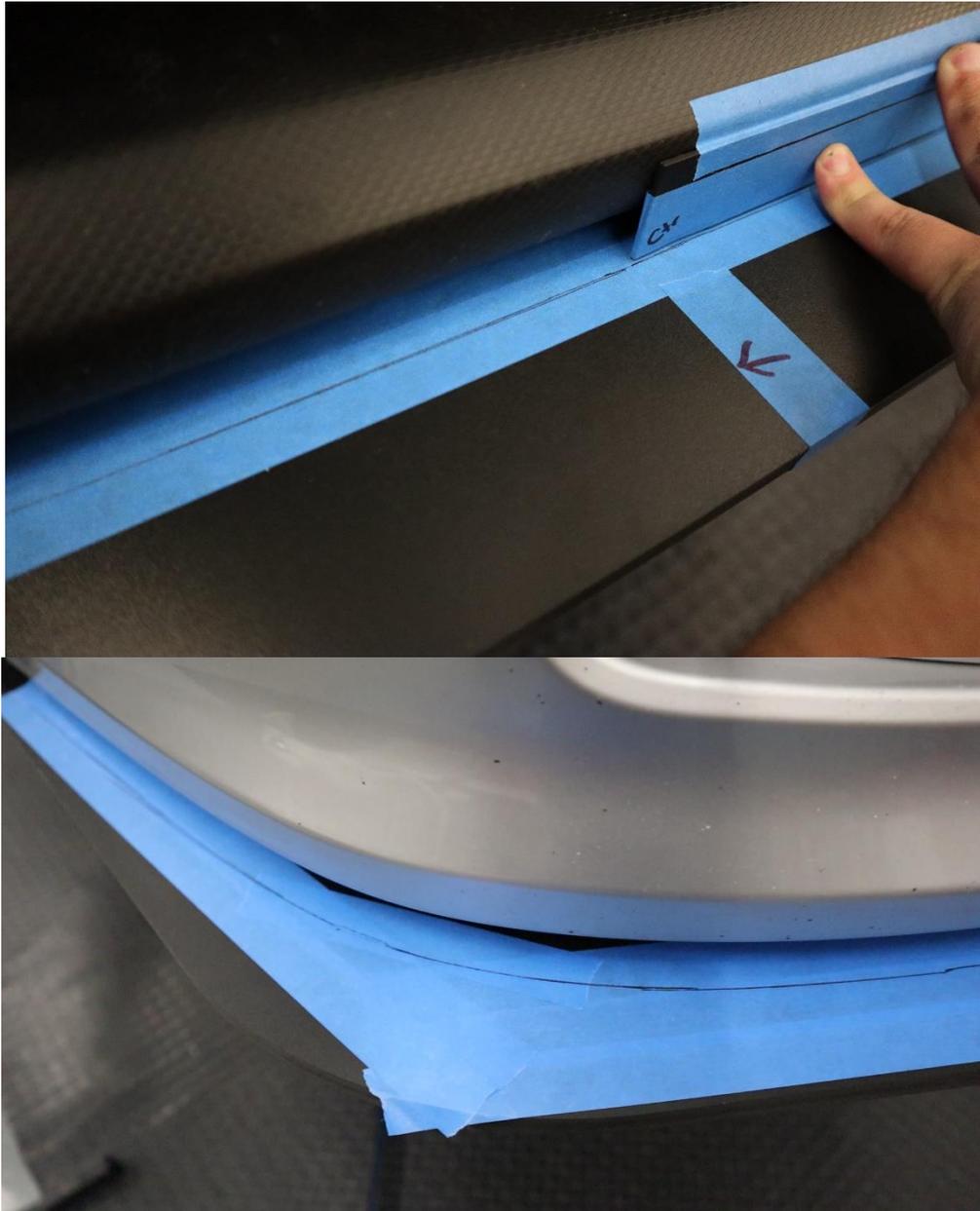
- 2.3. Next, we'll need to "silhouette" or "outline" the bumper with tape placed on the splitter. Be sure not to cover up the center mark you just made.
- 2.4. Place a strip of tape down the entire length of the lower portion of the air dam, and mark the center of each mounting tab. Do this for both pieces.

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- 2.5. Grab which ever side you want to start with, and line the air dam up with the center point on the splitter. **Make sure** you have the correct side of the air dam lined up.
- 2.6. While holding the air dam up against the bumper, and splitter, begin forming the air dam by hand.
  - 2.6.1. The air dam pieces are easily bent by hand, and some cases, too easily bent. With this in mind, make many small adjustments rather than big ones. Repeat this process for the other side as well.
- 2.7. Once the air dam pieces are formed to a point where they closely resemble the shape of the bumper, we will trace an outline onto the tape on the splitter.
  - 2.7.1. Be sure to hold the air dam tight against the bumper while tracing the line out.

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- 2.7.2.** Once the outline is traced onto the splitter, transfer the marks made in step 2.4 onto the splitter.

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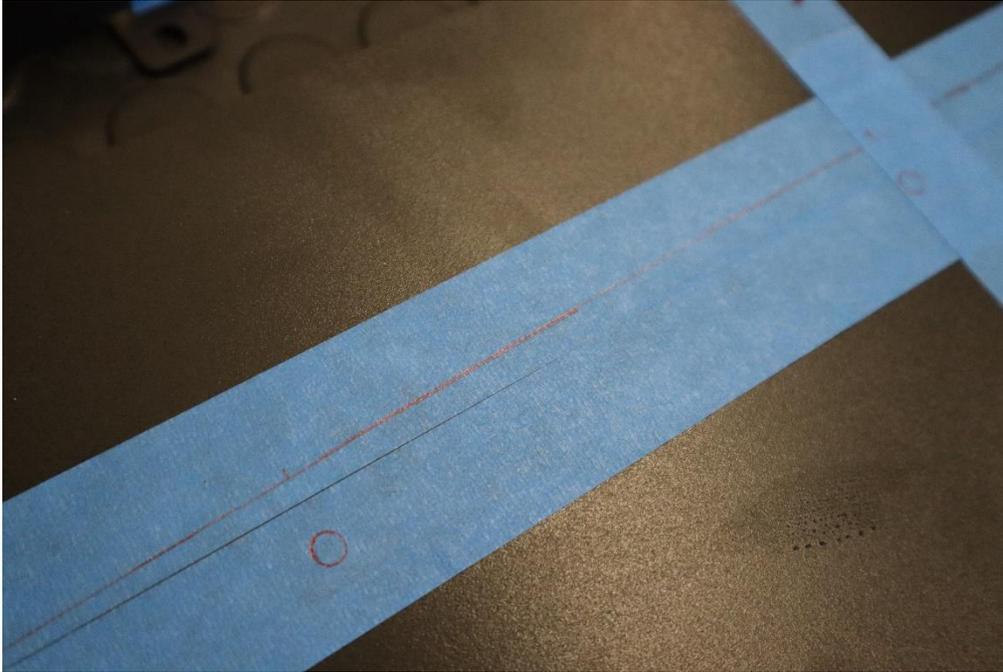


**2.8.** Remove the splitter from the vehicle.

**2.9.** Next, we want to mark the center of the mounting tab holes for drilling.

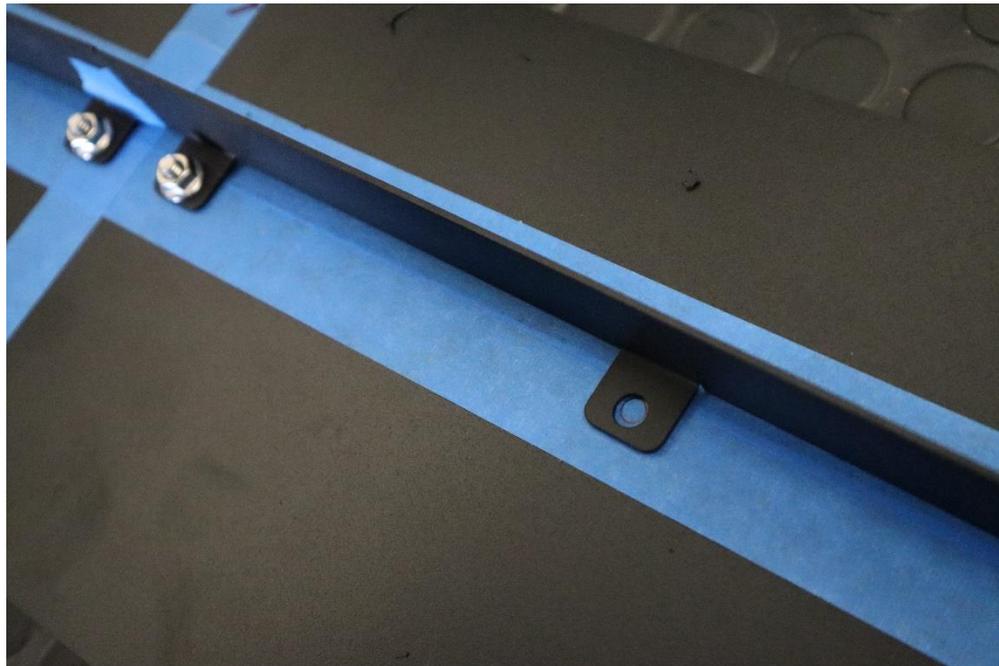
**2.9.1.** To accomplish this, hold the air dam against the line traced in 2.7.1, and mark the holes for the mounting tabs.

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**2.10.** Drill the holes using the 1/4" drill bit, and start installing the BHCS, washers, and serrated nuts.

**2.10.1.** Bottom the nuts out, but do not tighten them at this time. The air dam should still be able to be adjusted.



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- 2.11. Install the splitter back on to the car.
- 2.12. While holding the air dam against the bumper, begin tightening all of the air dam bolts. The serrated nuts should resist turning if installed correctly.
- 2.13. 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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