

VERUS

ENGINEERING

Carbon Hood Louver – Shelby GT350/GT350R

Install Manual



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1. Introduction

1.1. Overview: Detailed instructions on installing the Verus Engineering Carbon Hood Louver for the Shelby GT350/GT350R.

1.2. Difficulty: Moderate

1.3. Time Required: 2-4 hours

1.4. Tools Needed:

1.4.1. Ratchet

1.4.2. 13mm Socket

1.4.3. Scissors

1.4.4. 50/50 Mix of Isopropyl Alcohol / Water

1.4.5. Drill

1.4.6. 1/2" Drill Bit

1.4.7. Touch up Paint

1.4.8. File

1.4.9. Cut-off Wheel



1.5. Carbon Hood Vent Kit Components

1.5.1. (1) Carbon Fiber Hood Louver

1.5.2. Hardware Bag

1.5.2.1. (1) Pre-cut 3M VHB Tape, Left

1.5.2.2. (1) Pre-cut 3M VHB Tape, Right

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2. Shelby GT350/GT350R Carbon Hood Louver 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. Start by popping the hood.
- 2.3. Remove the under-hood insulator

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2.4. Remove OEM hood vent.



2.5. To disconnect the washer nozzle hoses, spread the black plastic ring.

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- 2.6.** Remove the hood, and set it on a no-marring surface, like a piece of carpet. Mark the outline of the bolts to help with alignment during the installation.

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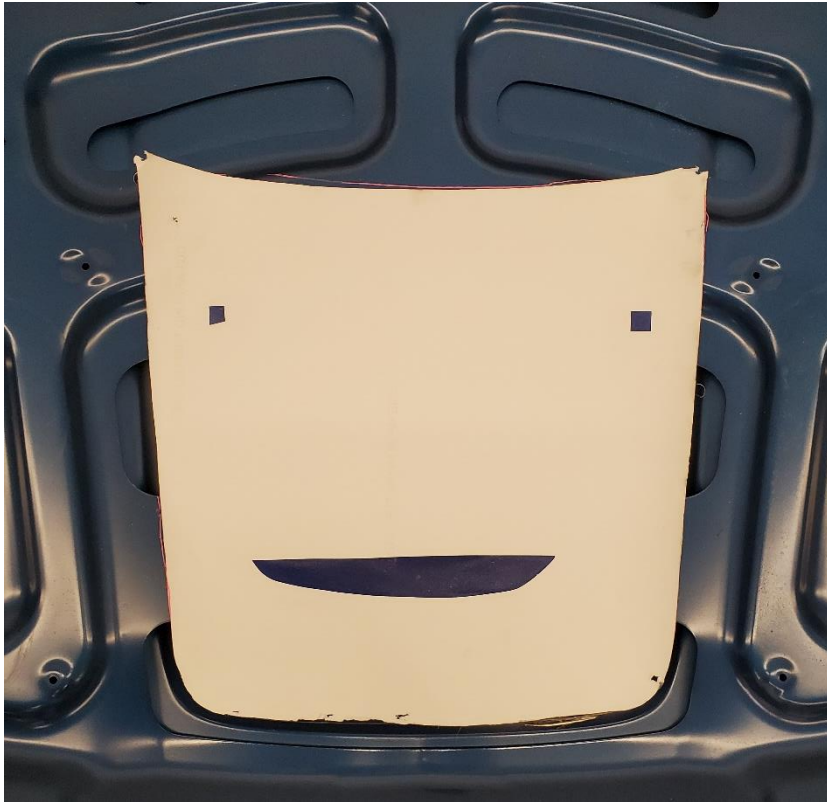
- 2.7. Cut out the provided cut template, and tape it to the hood by following the directions on the template.
- 2.8. Cut out the hood using the template as a guide. Before cutting the hood, you may drill the rear two corners with a 1/2" drill bit to create nice radiused corners.

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- 2.9.** At this point, only the top skin is cut, and we'll need to flip the hood over to cut out the bottom structure.
- 2.10.** If your template is still mostly intact, you can line it up with the top skin cut, and use that as a guide for cutting. If the template is not in good shape, simply cut the bottom structure about 1/4" – 1/2" bigger than the top skin so that it won't be visible when the vent is installed.

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- 2.11. Test fit the Carbon Hood Louver on the hood. Verify none of the cut edges can be seen through the hood vent. If you have visible edges, simply cut or file them back until they cannot be seen.
- 2.12. Touch up the raw edges with touch up paint.
- 2.13. Prep the hood surface and the mating surface of the Carbon Hood Louver with your 50/50 mix of isopropyl alcohol/water and a microfiber towel.



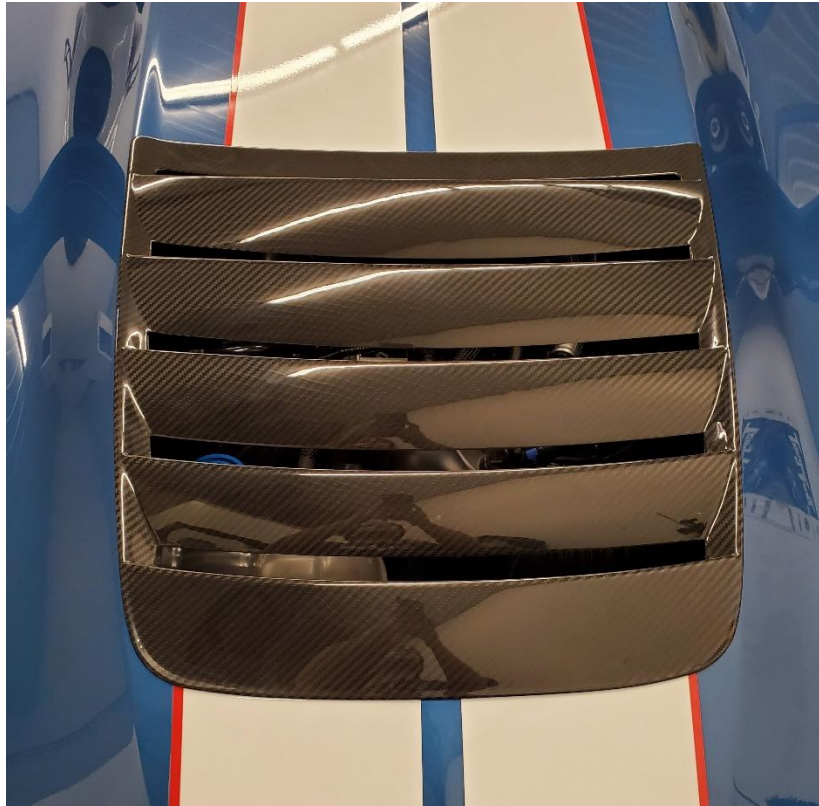
- 2.14. Apply the pre-cut 3M VHB tape to the bottom side of the Carbon Hood Vent. Preferably have the red backing facing up.

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- 2.15.** At this point you may install the hood louver now **OR** after the hood is installed. The choice is yours.
- 2.16.** Peel the red backing off, and install the Carbon Hood Louver to the hood. Work the tape into the hood to ensure maximum contact and adhesion. 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.**

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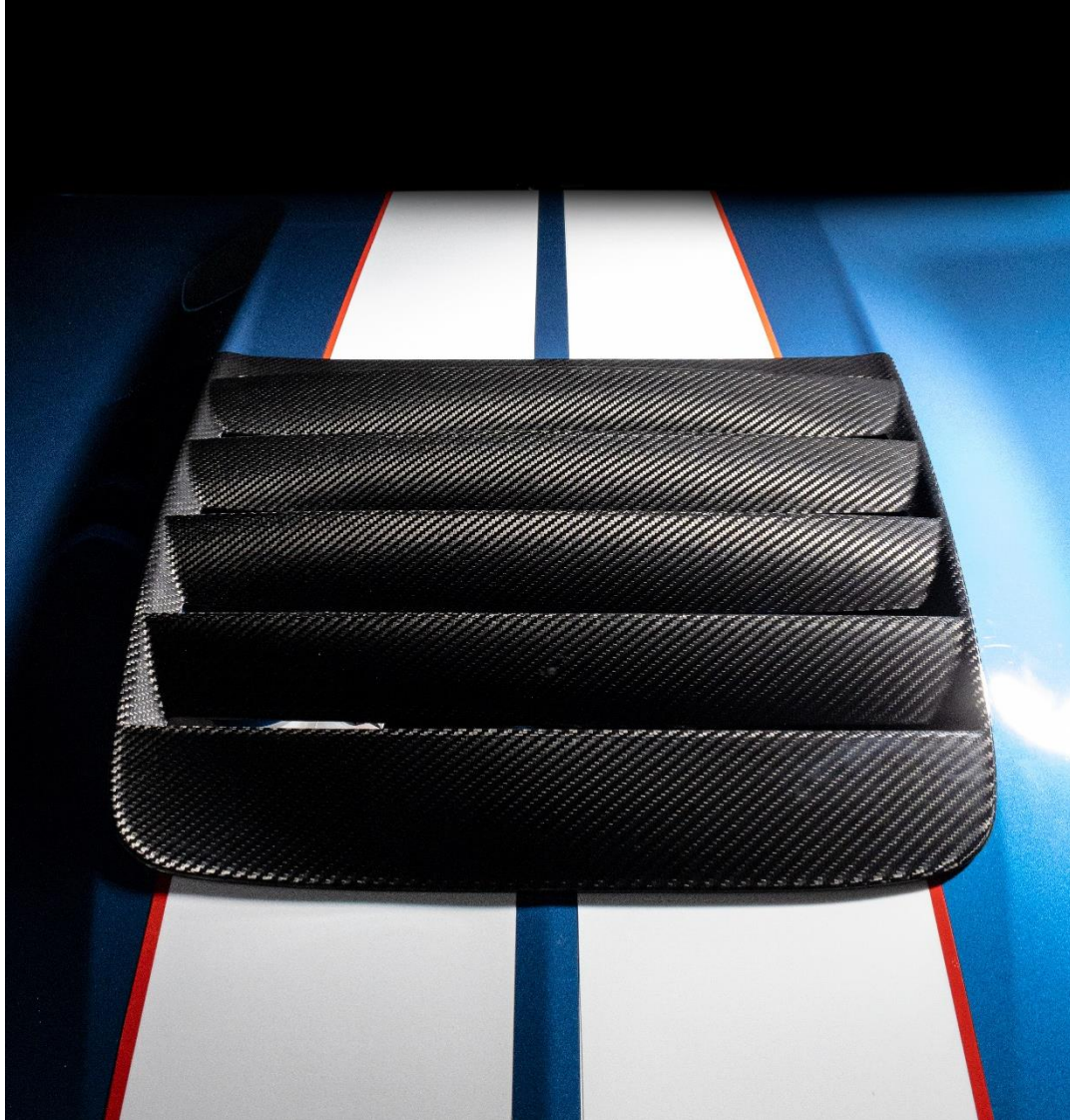
- 2.17.** Reinstall the hood if you haven't already, and reassemble the washer system in reverse order. Be sure to confirm that the hood alignment is correct before attempting to shut it. If you marked the nuts in **2.6**, you shouldn't need to do any further adjustments. However, in the event you need to make adjustments, simply loosen the 13mm nuts to move the hood in the desired direction.

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- 2.18.** Congratulations on installing the Verus Engineering Carbon Hood Vent for the Shelby GT350/GT350R! For any questions or comments, please send us and e-mail at sales@verus-engineering.com.

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