

# VERUS ENGINEERING

## Dry Air Filter – 981 Cayman

### Install Manual



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#### Document Revisions

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01	2019/02/11	E. Hazen	Initial release of install manual

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## Dry Air Filter 981 Cayman – Install Manual

## 1. Introduction

**1.1. Overview:** Detailed instructions on installing the Verus Engineering air filters on the 981 Cayman.

**1.2. Difficulty:** Easy

**1.3. Time Required:** 1.5 hour

**1.4. Tools Needed:**

- 1.4.1. Plastic Panel Popper
- 1.4.2. Torx Sockets (T30 Specifically)
- 1.4.3. Flash Light
- 1.4.4. 10mm Socket
- 1.4.5. Ratchet/10mm Driver



**1.5. Air Filter Components**

1.5.1. (1) Air filter (2 required for most Cayman kits)

1.5.2. Hardware Bag

1.5.2.1. (2) Button Head Torx Screw

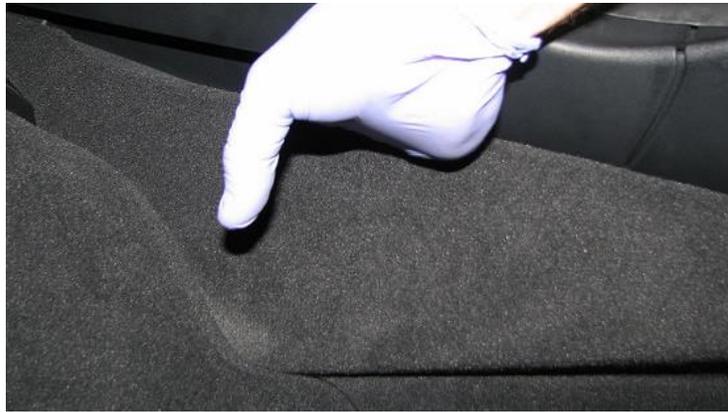


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**2. 981 Cayman Air Filter Install**

- 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. **This specific install is on a GT4 Cayman; other models may vary slightly but overall the install will be similar.**
- 2.3. We begin by popping the trunk.
- 2.4. Reaching your hands into the padding on either side of the trunk; pull the panel out as shown below.



- 2.5. Pull inward and somewhat down and then up to get the tabs out of the floor.



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- 2.6. Throughout the install, we need to ensure that the rubber covers that keep noise and vibration down. Sometimes during uninstal; they are left in the chassis. Ensure you remove them whenever you spot them and re-install on the panels.



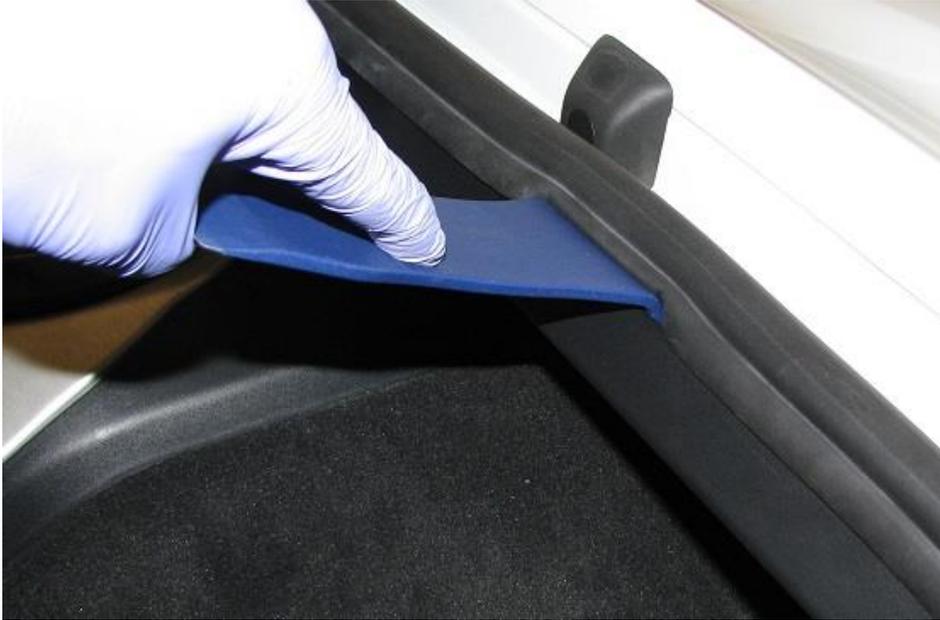
- 2.7. With the panel removed from step 2.4/2.5; the below image should be roughly what you see.



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2.8. With the panel popper, pry inward on the plastic trim as shown below.



2.9. The panel comes out easily once the panel popper pries around the component.



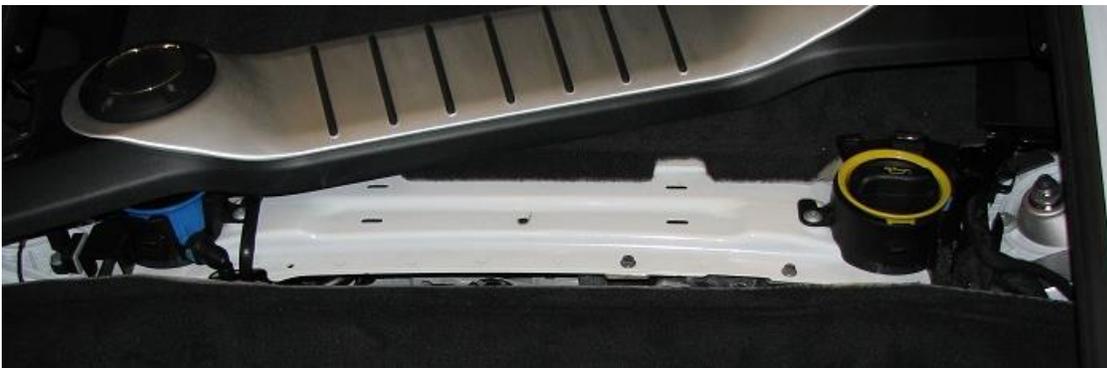
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- 2.10. We can now remove the center piece shown below by pulling up.



- 2.11. Below, the cover is removed and coming up from the chassis.



- 2.12. Remove the carpeting so we can access the air filters.



- 2.13. We recommend starting with the easier side, which is the driver's side as the oil tube and ECU is not in the way.

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- 2.14. Remove the bolt pointed out in the below photo by an arrow.



- 2.15. With gloves (Mechanix or something with a bit of cushion), squeeze the two prongs as shown below and pull the air filter from the chassis.



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- 2.16. Below is a photo of the air filter removed.



- 2.17. If you have a shop vac, you can clean out this location as it tends to collect a significant amount of leaves and road debris.

- 2.18. Moving to the other side, remove the sound deadening shown below.



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- 2.19. Remove the ECU by removing the (4) 10mm bolts/nuts.



- 2.20. Remove the oil filler tube shown below by squeezing the black piece at the top and pulling down.



- 2.21. Below is a photo showing the location to squeeze.



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- 2.22. We can now remove the filter on the passenger side as well after removing the (1) torx bolt and then squeezing the two prongs.
- 2.23. With the filters on a work bench, we can remove the old filters and install the Verus Engineering Dry Air Filters.
- 2.24. On the back side of the filter, remove the two torx bolts circled in red below.

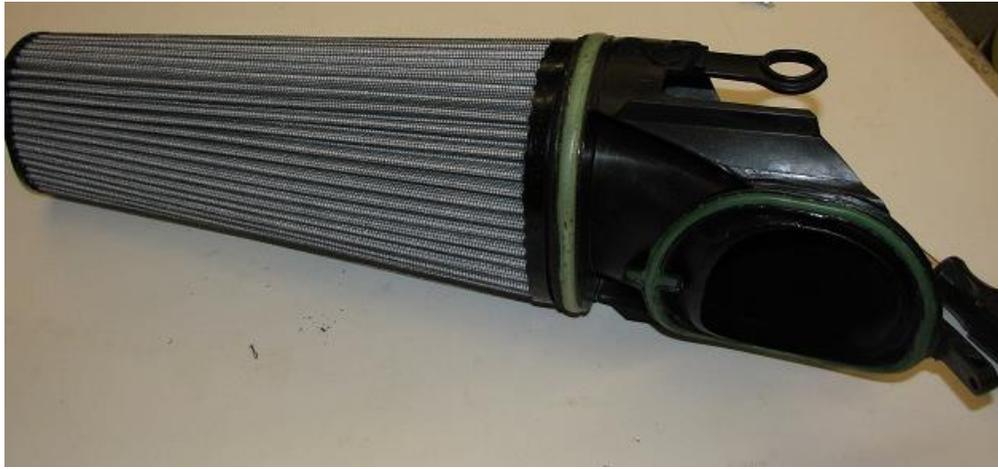


- 2.25. Before installing the filters, you can decide if you would like to run the foam or no foam. If you decide to run the foam for sealing purposes, ensure that the foam is trimmed perfectly to the inner surface (yellow arrow) of the filter housing.



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- 2.26. If you plan to not use the foam; step 2.25 is unnecessary. Remove foam. The foam is not necessary for sealing as we use a hard durometer rubber which will seal against the plastic filter housing.
- 2.27. Install the Verus Engineering Dry Air Filter. **\*The air filters do have a correct and incorrect way to be installed. It will be apparent if installed incorrectly, flip the filter 180 degrees at that time.** The threaded bungs are slightly offset from center. Below is a photo of the air filter installed *\*with\** the foam.



- 2.28. If you decide to install the filter without any foam, below is a photo for that installation.



- 2.29. Install and tighten the air filters with the **\*supplied\*** torx bolts as the thread pitch is slightly different than OEM.

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- 2.30. Reinstall in reverse order.
- 2.31. Congratulations on installing our 981 Cayman Dry Air Filters. 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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