

VERUS

ENGINEERING

Flat Underbody Panel Kit – 987 Cayman

Install Manual



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Flat Underbody Panel Kit, 987 Cayman – Install Manual

CONTENTS

1. Introduction	<3>
1.1. Overview	<3>
1.2. Difficult	<3>
1.3. Time Required	<3>
1.4. Tools Needed	<3>
1.5. Flat Underbody Panel Kit Components	<3-4>
2. Flat Underbody Panel Kit Install.....	<4-9>

Flat Underbody Panel Kit, 987 Cayman – Install Manual

1. Introduction

1.1. Overview: Detailed instructions on installing the Verus Engineering flat underbody panel kit for the 987 Porsche Cayman.

1.2. Difficulty: Easy

1.3. Time Required: 1-1.5 hour

1.4. Tools Needed:

- 1.4.1. 16mm Socket
- 1.4.2. Ratchet
- 1.4.3. 13mm Socket
- 1.4.4. 4mm Allen Wrench / Socket
- 1.4.5. 6mm Allen Wrench / Socket
- 1.4.6. 2.5mm Allen Wrench / Socket
- 1.4.7. 7mm Socket
- 1.4.8. 10mm Wrench

1.5. Underbody Kit Components

- 1.5.1. Flat Underbody Panel
- 1.5.2. (2) 987.2 Bracket
- 1.5.3. (2) 987.1 Bracket
- 1.5.4. Hardware Bag
 - 1.5.4.1. (1) Foam Strip, 12" in length
 - 1.5.4.2. (4) M6 x 1.0 BHCS (Button Head Cap Screw) x 20mm Long
 - 1.5.4.3. (4) M6 x 18mm Fender Washer
 - 1.5.4.4. (4) M6 x 1.0 Serrated Nut
 - 1.5.4.5. (2) M10 x 1.5 BHCS x 35mm Long
 - 1.5.4.6. (2) M10 Fender Washer
 - 1.5.4.7. (2) M10 Spacer x 12.5mm Long
 - 1.5.4.8. (7) M4 x 0.7 BHCS x 10mm Long
 - 1.5.4.9. (14) M4 Washer
 - 1.5.4.10. (7) M4 x 0.7 Nyloc Nut



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Flat Underbody Panel Kit, 987 Cayman – Install Manual

2. 987 Flat Underbody Panel Kit

- 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 either jacking the vehicle up or lifting it up on the lift. We utilized a lift for this specific install but jacking the rear up would be perfectly acceptable.
- 2.3. First, we need to uninstall the rear diffuser if you already have the Verus Engineering rear diffuser installed.

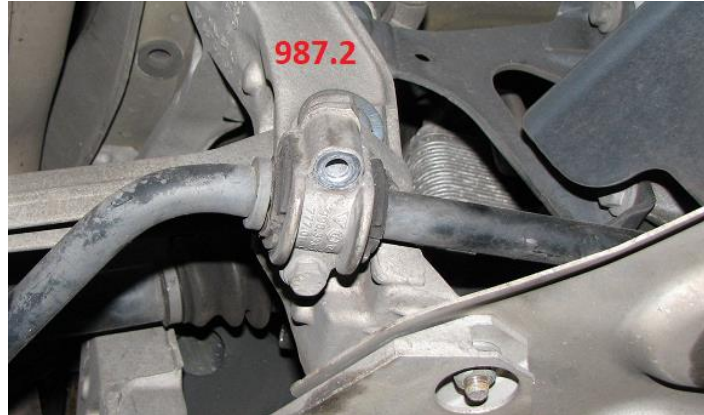


- 2.4. We start by removing the (2) 16mm hex head bolts on the front panel near the engine oil pan. These are removed in the below picture.

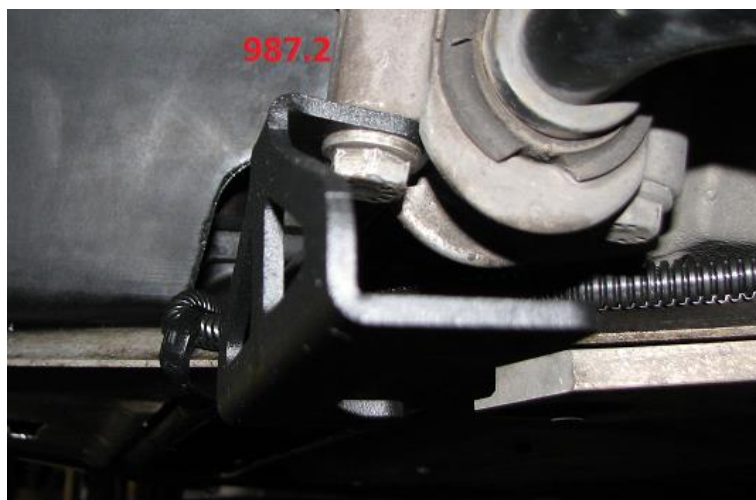


- 2.5. We then remove the 13mm bolt on the sway bar bracket. For the 987.1, you will want to remove the lower of the two bolts; while on the 987.2, you will want to remove the rearward bolt.

Flat Underbody Panel Kit, 987 Cayman – Install Manual



- 2.6. We now will install the brackets on the sway bar points. These are shown below with .1 and .2 correctly marked on the pictures.



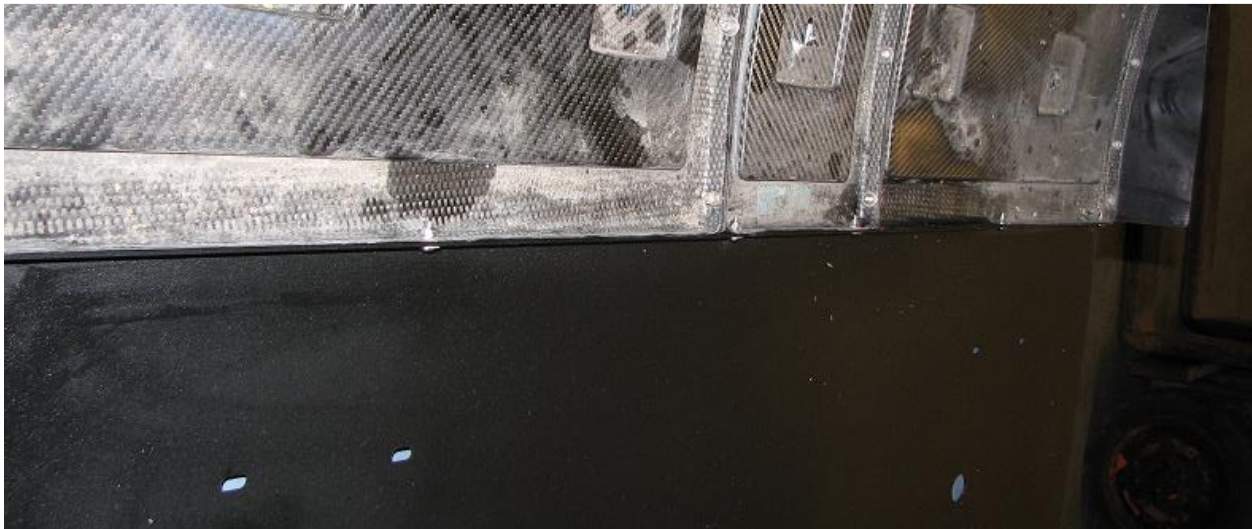
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Flat Underbody Panel Kit, 987 Cayman – Install Manual



2.7. Torque these bolts to factory spec, or 18 ft-lbs.

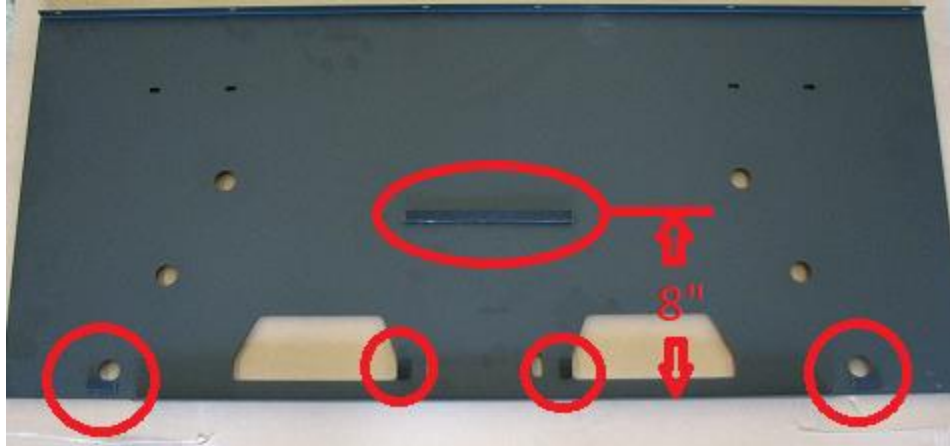
2.8. If you are installing the underbody panel ***with*** the rear diffuser, it is now time to install the flat underbody panel with the rear diffuser.



2.9. Utilize the M4 hardware to fasten the two assemblies together. Use a washer on either side of the panels with a nyloc on one side and a bolt on the other side.

Flat Underbody Panel Kit, 987 Cayman – Install Manual

- 2.10.** We now install the supplied foam on the underbody panel in the locations suggested below. For the large piece of foam, install it roughly 8" from the front lip.

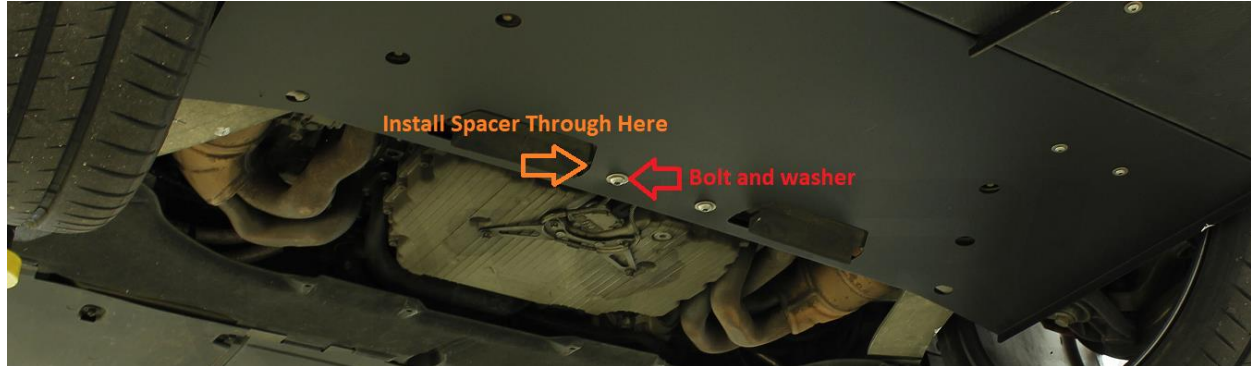


- 2.11.** At this point, the underbody panel is ready to be installed on car. We will install the (4) M6 BHCS bolts *first*.



- 2.12.** We now move to the front (2) bolts. You will need to go through the duct cut outs to install the spacers; and then use the M10 and Fender Washer on the bottom side.

Flat Underbody Panel Kit, 987 Cayman – Install Manual



- 2.13. With all the bolts, washers, spacers, and nuts installed; we can fully tighten the bolts.
- 2.14. Tighten the rearward M6 bolts to 6-8 ft-lbs.
- 2.15. Tighten the forward M10 bolts to approximately 24 ft-lbs.
- 2.16. Congratulations on installing our 987 flat underbody panel kit. Please send any questions, comments, concerns, or photos to Verus Engineering via e-mail; sales@verus-engineering.com.



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