

VERUS ENGINEERING

Mk5 Toyota Supra Rear Spat Kit

Install Manual



Author: Clay Warner
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Approvals: E. Hazen

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CONTENTS

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

Mk5 Supra Rear Spat Kit – Install Manual

1. Introduction

1.1. Overview: Detailed instructions on installing the Rear Spat Kit for the Mk5 Toyota Supra.

1.2. Difficulty: Beginner

1.3. Time Required: 0.5-1 hour

1.4. Tools Needed:

- 1.4.1. Side Cuts
- 1.4.2. Flathead Screwdriver
- 1.4.3. 3/8" Drill Bit
- 1.4.4. 4mm Allen Wrench or Allen Socket
- 1.4.5. 5mm Allen Wrench or Allen Socket
- 1.4.6. 9/16" Wrench
- 1.4.7. Sharpie
- 1.4.8. Ratchet
- 1.4.9. Drill



1.5. Rear Spat Kit Components

1.5.1. (2) Carbon Polyweave Rear Spat

1.5.2. Hardware Bag

- 1.5.2.1.** (6) M6 x 1.0 Button Head Cap Screw (BHCS) x 25mm Long, Stainless
- 1.5.2.2.** (6) M6 x 1.0 Plastic Rivet Nut
- 1.5.2.3.** (6) M6 x 18mm Fender Washer, Stainless
- 1.5.2.4.** (1) M6 x 1.0 Rivet Nut Install Tool

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**2. Rear Spat 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.** The car does not need to be lifted up for this install, though it can help if you are lowered or overall with clearance.
- 2.3.** Begin by removing the two plastic rivet nuts with a pair of side cuts or flathead screwdriver. These locations are shown below.

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Mk5 Supra Rear Spat Kit – Install Manual



- 2.4.** Once the plastic rivets are removed, pull the tab out of the way in the frontmost location as shown below. Note, if you ever plan to replace the black factory bumper trim, that is shown in the photos, you will want to remove the trim in the rearmost location as well. We do not plan to replace this piece, so we did not remove it for ease of install.



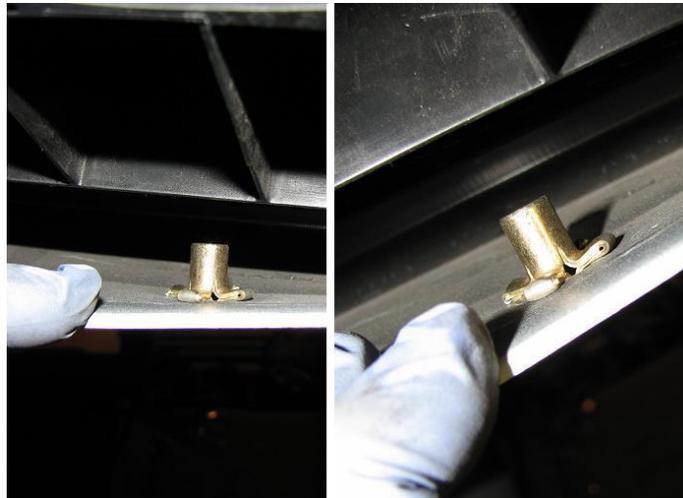
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Mk5 Supra Rear Spat Kit – Install Manual

- 2.5. Now we want to open up these holes to install the rivet nuts. Using a drill and a 3/8" drill bit, open up the holes in the two locations where the plastic rivet nuts were removed.
- 2.6. It is now time to install the rivet nuts. To properly install the rivet nut, you will want to thread the rivet nut onto the tool as shown below.



- 2.7. Place the rivet nut into the hole.
- 2.8. Using a 9/16" wrench and a 5mm allen wrench or allen socket, hold the nut steady and tighten the allen bolt. You will have some initial resistance, then the rivet nut will begin to pull tighter on the material.
- 2.9. Below are pictures of a properly installed rivet nuts. The tightening torque begins to increase when the rivet nut is fully installed.



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Mk5 Supra Rear Spat Kit – Install Manual

- 2.10.** After the two rivet nuts are properly installed, we need to loosely install the rear spat to mark the location for the third rivet nut. Use two of the 25mm BHCS and 2 washers to do so as shown below.



- 2.11.** Mark the third and final location by using a Sharpie and then remove the loosely installed rear spat. After the rear spat is removed, you should see something like the image below



- 2.12.** Now we need to drill this location and install the final rivet nut.

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Mk5 Supra Rear Spat Kit – Install Manual



- 2.13.** Once the final rivet nut is installed, we can now fully install the rear spat. Do so by using a 4mm allen wrench or allen socket and the supplied hardware.
- 2.14.** We have now finished the install! Please contact Verus Engineering with any questions, comments, concerns, and feedback via sales@verus-engineering.com.



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