

VERUS ENGINEERING

Toyota GR86 Rear Spat Kit

Install Manual



Author: Tom Lang
Release Date: 2022/11/08
Approvals: E. Hazen

Document Revisions

Rev	Date	Author	Description
01	2022/11/08	T. Lang	Initial release of install manual

Confidential: Property of Verus Engineering. Not for Distribution outside intended recipient list.

CONTENTS

1. Introduction	<3>
1.1. Overview	<3>
1.2. Difficulty	<3>
1.3. Time Required	<3>
1.4. Tools Needed	<3>
1.5. Rear Spat Kit Components	<3-4>
2. Rear Spat Kit Install.....	<4-10>

Toyota GR86 Rear Spat Kit – Install Manual

1. Introduction

1.1. Overview: Detailed instructions on installing the rear spat kit for the Toyota GR86.

1.2. Difficulty: Beginner

1.3. Time Required: 0.5-1 hour

1.4. Tools Needed:

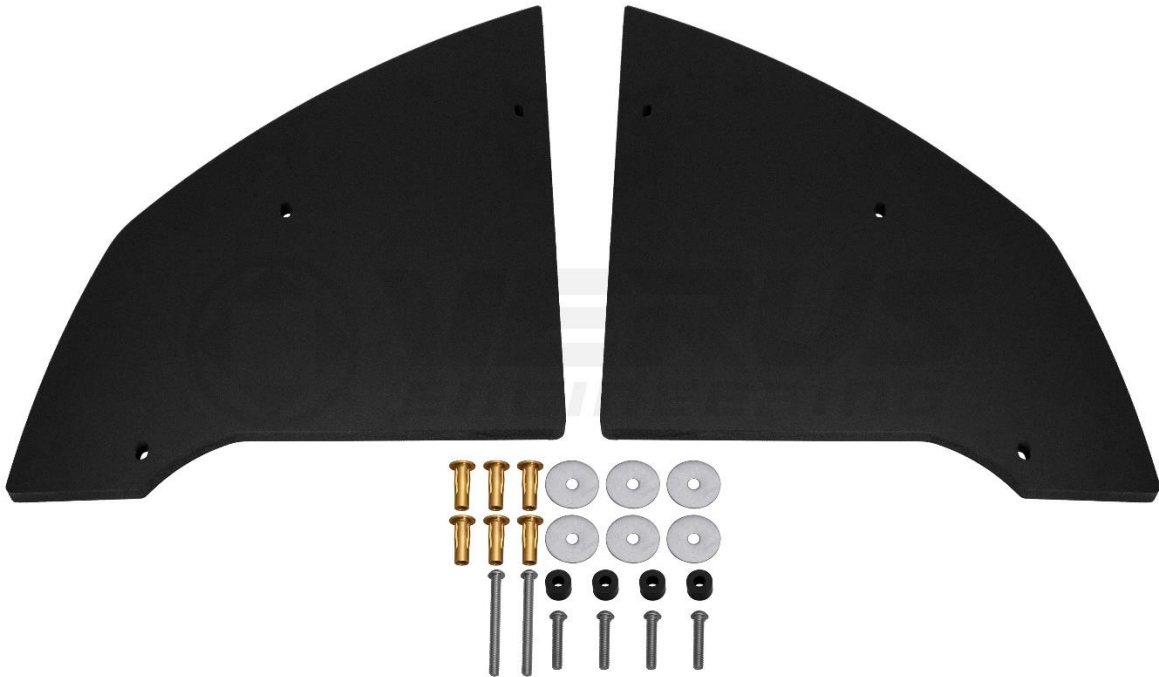
- 1.4.1. Screwdriver or Clip Removal Tool
- 1.4.2. 4mm Allen Wrench
- 1.4.3. 5mm Allen Wrench
- 1.4.4. 9/16" wrench
- 1.4.5. Drill
- 1.4.6. 1/2" Drill Bit preferably a step drill bit

**1.5. Rear Spat Components**

- 1.5.1. Left hand rear spat
- 1.5.2. Right hand rear spat
- 1.5.3. Hardware Bag
 - 1.5.3.1. (4) M6 x 1.0 Button Head Cap Screw (BHCS) x 40mm, Stainless Steel
 - 1.5.3.2. (6) M6 x 1.0 Plastic Rivet Nuts
 - 1.5.3.3. (2) M6 x 1.0 Button Head Cap Screw x 60mm, Stainless Steel
 - 1.5.3.4. (6) 1/4" 1.25" O.D. Washer, Stainless Steel
 - 1.5.3.5. (4) 10mm Long M6 Nylon Spacer
 - 1.5.3.6. (1) M6 x 1.0 Rivet Nut Install Tool

Confidential: Property of Verus Engineering. Not for Distribution outside intended recipient list.

Toyota GR86 Rear Spat Kit – Install Manual



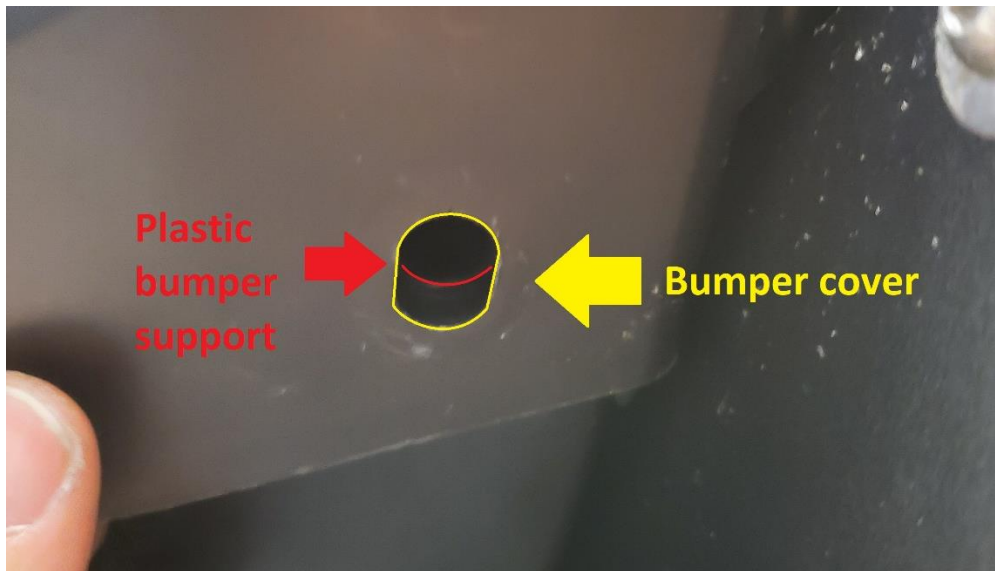
2. Rear Spat Kit Installation

- 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.
- 2.3. Begin by removing the three clips holding the plastic bumper support to the bumper cover.

Toyota GR86 Rear Spat Kit – Install Manual

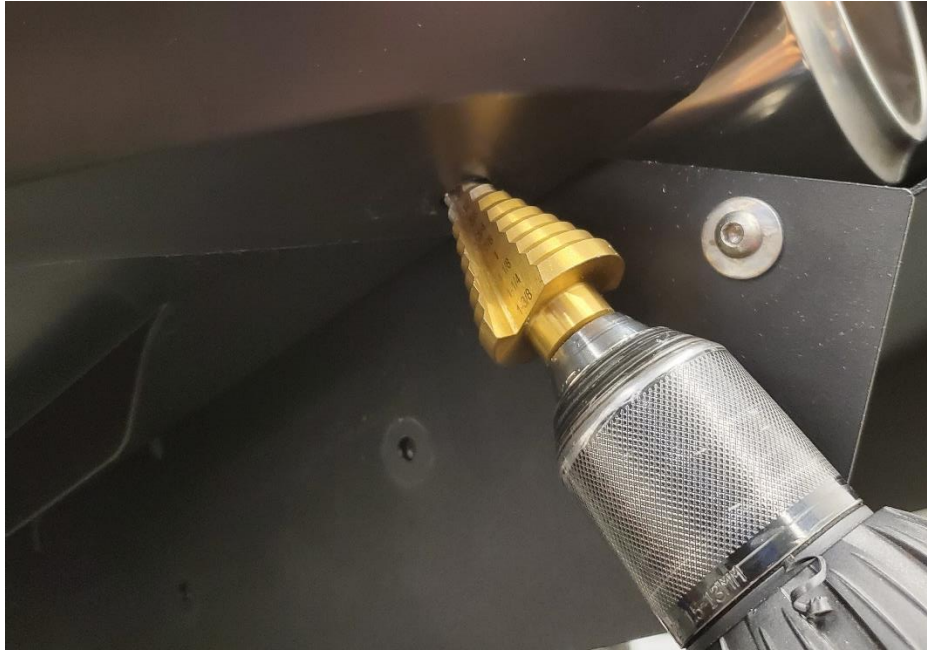


- 2.4. We will need to open up the holes in the **BUMPER ONLY**. The holes in the plastic bumper support will need to stay as they are, approximately 3/8" in diameter. We are doing this so that the rivet nut installer will have enough space to work properly.



- 2.5. Using a 1/2" drill bit drill out the **bumper cover** holes so that when the rivet nuts are installed, they are **ONLY** installed into the plastic bumper support, and **NOT** sandwiching the bumper cover to the plastic bumper support. It helps to pull the bumper down during this so as to not drill the hole behind it larger.

Toyota GR86 Rear Spat Kit – Install Manual



- 2.6. Install the plastic rivet nuts into the holes in the plastic bumper support as shown below. Notice how the rivet nut is installed **behind** the bumper cover in the below image.

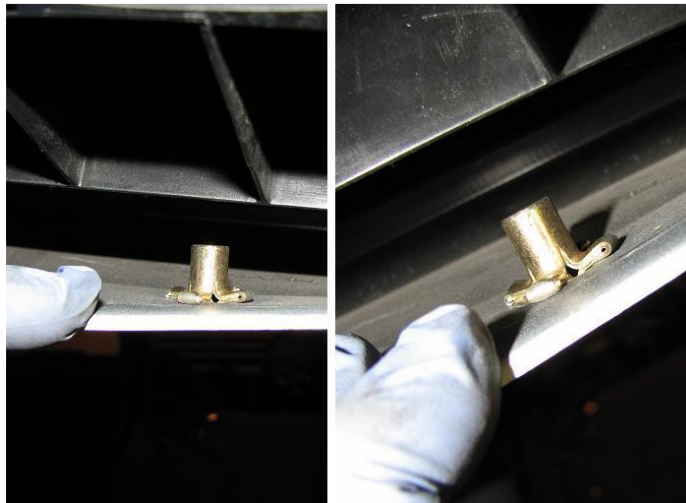


- 2.7. To properly install the rivet nut, you will want to thread the rivet nut onto the tool as shown below, and place the rivet nut into the hole.

Toyota GR86 Rear Spat Kit – Install Manual

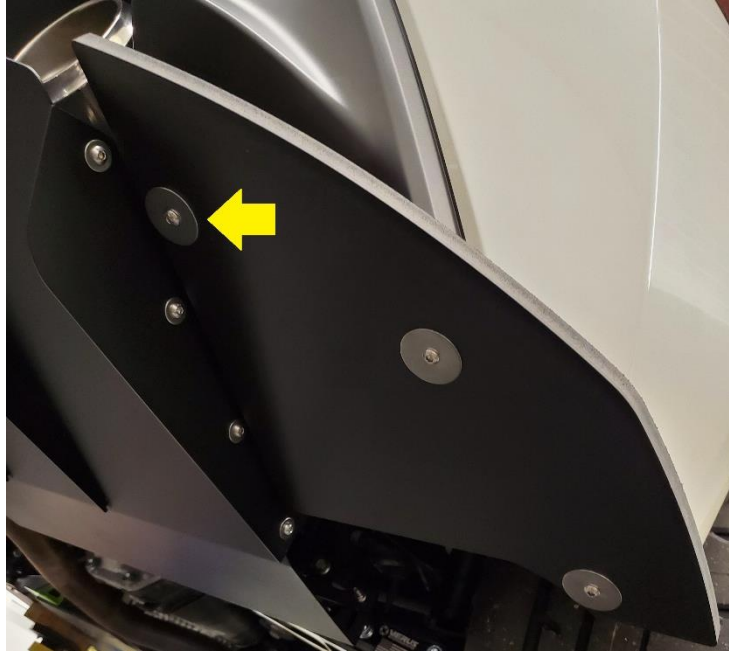


- 2.8.** Using the 9/16" wrench and the 5mm allen wrench, hold the nut steady and tighten the allen bolt. You'll have some initial resistance, then the rivet nut will begin to pull tighter on the material.
- 2.9.** Below are pictures of a properly installed rivet nut. We did not use the backing washers here though feel free to if you would like, they are supplied with each kit.



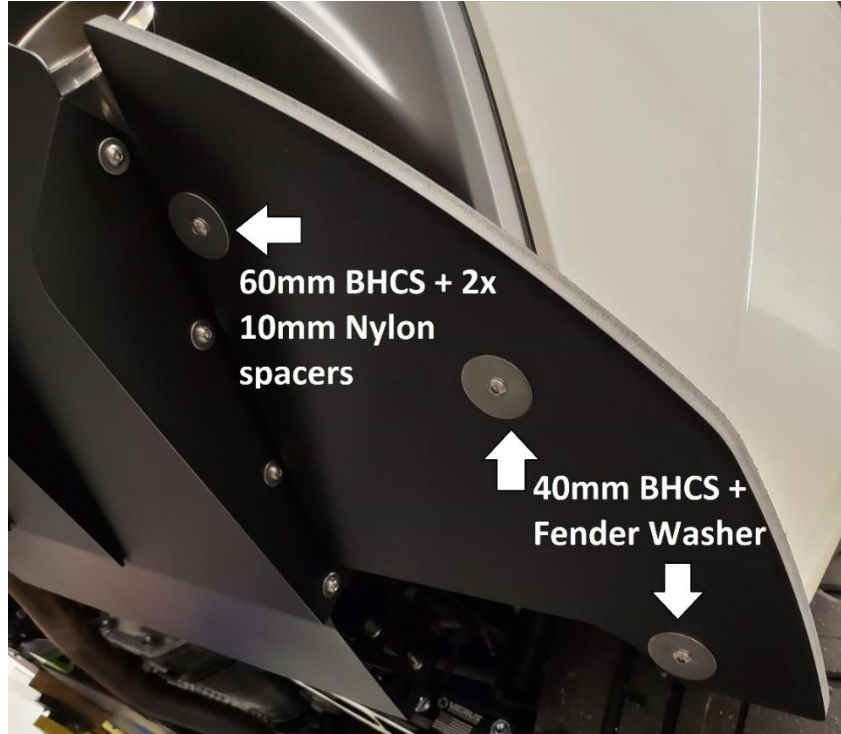
- 2.10.** Start installing the spat with the rear most bolt. Use a 60mm BHCS, M6 fender washer, and 2x M6x10mm long nylon spacers. The washer should be on the bottom side. This is shown in the below two images.

Toyota GR86 Rear Spat Kit – Install Manual



- 2.11.** From there, install the 40mm long BHCS, and 18mm O.D. washers into the remaining two holes.

Toyota GR86 Rear Spat Kit – Install Manual



- 2.12.** Use a 4mm allen key or socket and torque all the bolts to 6 ft-lbs.
- 2.13.** We have now finished the install! Please contact Verus Engineering with any questions, comments, concerns, and feedback via sales@verus-engineering.com.

Toyota GR86 Rear Spat Kit – Install Manual



Confidential: Property of Verus Engineering. Not for Distribution outside intended recipient list.