

VERUS

ENGINEERING

Sway Bar Bushing Heat Shield

Installation Manual



Author: Clay Warner
Release Date: 11/22/2023
Approvals: E. Hazen

Document Revisions

Rev	Date	Author	Description
01	11/22/2023	C. Warner	Issued for Release

Sway Bar Bushing Heat Shield – Install Manual

CONTENTS

1. Introduction.....	<3>
1.1. Overview.....	<3>
1.2. Difficulty.....	<3>
1.3. Time Required.....	<3>
1.4. Tools Needed	<3>
1.5. Sway Bar Bushing Heat Shield Components	<3>
2. Sway Bar Bushing Heat Shield Install	<4-7>

Sway Bar Bushing Heat Shield – Install Manual

1.1. Overview: Detailed instructions on installing the Verus Engineering Sway Bar Bushing Heat Shield

1.2. Difficulty: Easy

1.3. Time Required: 20 minutes

1.4. Tools Needed:

- Flathead Screwdriver or Panel Popping Tool
- Ratchet
- 4mm Allen Wrench or Socket
- 9/16" Wrench



1.5. Assembly Components

1.5.1. Sway Bar Bushing Heat Shield

1.5.1.1. (1) Sheet Metal Heat Shield

1.5.2. Hardware Bag

1.5.2.1.1. (1) Pre-Cut Gold Foil

1.5.2.1.2. (1) M5 Rivet Nut Install Tool

1.5.2.1.3. (1) M5 Heavy Duty Rivet Nut, Zinc Coated Steel

1.5.2.1.4. (1) M5x0.8 14mm Long Socket Head Cap Screw (SHCS), SS

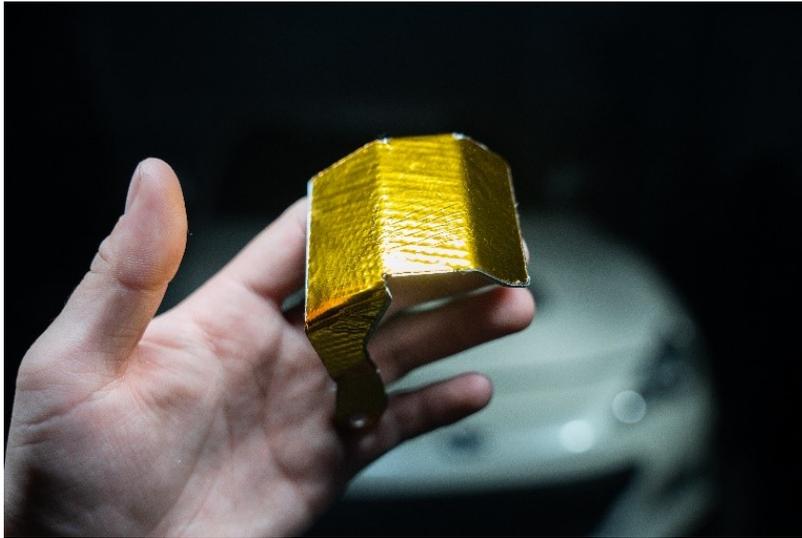
1.5.2.1.5. (1) M5x0.8 Fender Washer



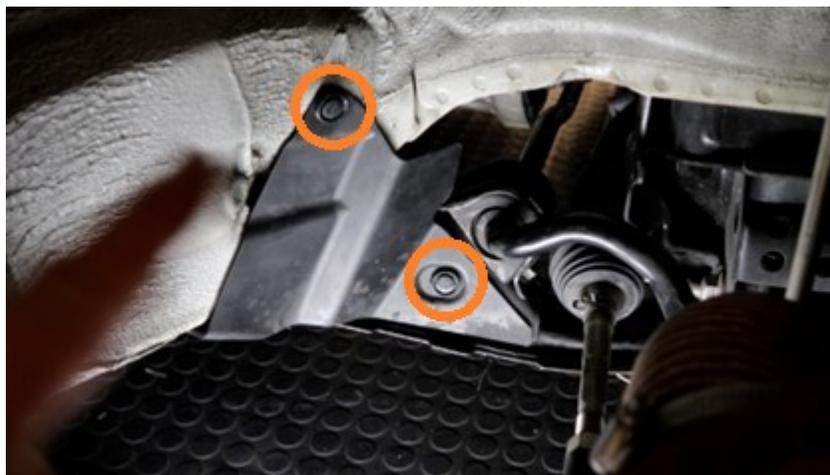
Sway Bar Bushing Heat Shield – Install Manual

2. Sway Bar Bushing Heat Shield Installation

- 2.1. We are not responsible for damage to you or your vehicle by following this manual and installing Verus Engineering products.
- 2.2. We begin by jacking the car up on a level surface and gaining access to the USDM passenger side wheel well. Using a lift is also a possibility.
- 2.3. First, we need to install the gold foil on the heat shield as shown below.

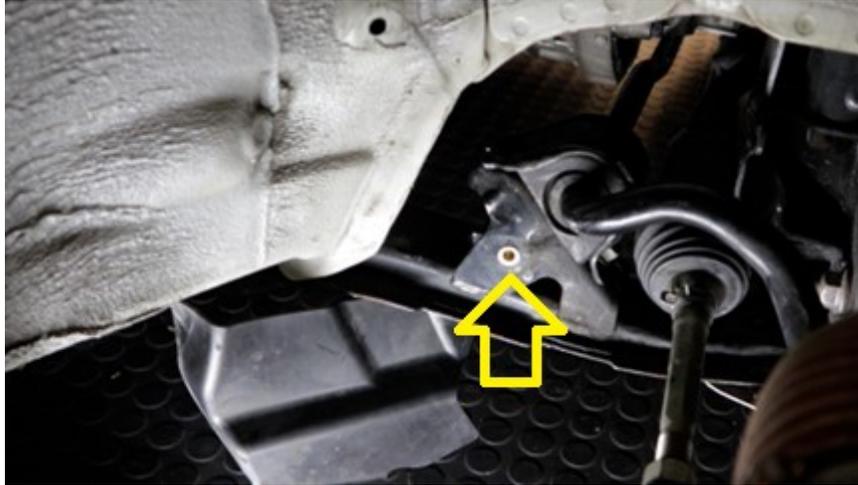


- 2.4. After gaining access to the passenger wheel well, we need to remove two pop rivets to loosen the plastic shield. Use a flathead screwdriver or panel popping tool to do so.



Sway Bar Bushing Heat Shield – Install Manual

- 2.5. After the plastic shield has been moved out of the way, we need to install an M5 rivet nut into a factory hole. You will notice the gold rivet nut already installed in the image below.



- 2.6. 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.



- 2.7. Using the 9/16" wrench and the 4mm Allen wrench or 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.

- 2.8. Below are pictures of a properly installed rivet nut.



Sway Bar Bushing Heat Shield – Install Manual

- 2.9. After the rivet nut is installed, place the heat shield in the location as shown below. **Note: The fit will be very tight and may require some fengling to get into place.**



- 2.10. Reinstall the factory plastic shield reusing the pop rivet in the upper location only.



- 2.11. Grab your M5 SHCS and washer and install as shown below. Using your 4mm allen socket or key, torque to 5-6 ft-lbs.



Sway Bar Bushing Heat Shield – Install Manual

- 2.12.** Congratulations on installing your Sway Bar Bushing Heat Shield! Now you can have peace of mind knowing that your sway bar bushing will no longer get melted from exhaust heat. Please email us at sales@verus-engineering.com with any concerns, comments, or feedback.

