

VERUS

ENGINEERING

Street Performance Splitter

Installation Manual



Author: E. Hazen
Release Date: 07/06/2014
Approvals: P. Lucas

Document Revisions

Rev	Date	Author	Description
01	07/06/2014	E. Hazen	Issued for Release
02	08/08/2017	P. Lucas	New template, Company name changed from Velox to Verus

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1. Overview:
Detailed instructions on installing the Street Front Splitter for the FRS, BRZ, and GT86 platform
2. Difficulty:
Novice
3. Time Required:
30-90 minutes
4. Tools Needed:
 - Jack and jack stands
 - Ratchet
 - 10mm socket
 - 4mm hex head socket (or allen wrench)
 - 11/16 socket
 - 7/8 wrench (or monkey wrench)
 - Flat head screw driver
 - Rivet nut hand tool (supplied with kit as option)



5. Assembly Parts:
In the box that you receive you should have the splitter, and one or two bags. If you received two bags, one bag will contain the optional rivet nut installation tool. The other bag will contain the necessary hardware and a few extra loose pieces in the unfortunate accident that a bolt or washer is misplaced or we counted wrong.



- (10) Zinc Plated Steel Rivet Nuts – designed for plastic installation
- (8) Rivet Nut Washer – 1” OD
- (10) M6x1.0 Stainless BHCS (Button Head Cap Screws) X 25mm length
- (2) M6x1.0 Stainless BHCS X 30mm length
- (2) M6x1.0 Stainless BHCS X 16mm length
- (14) Stainless large diameter flat washers
- (2) Aluminum spacers
- (1) Rivet Nut installation tool (Optional)
- (1) Lightweight, high density splitter

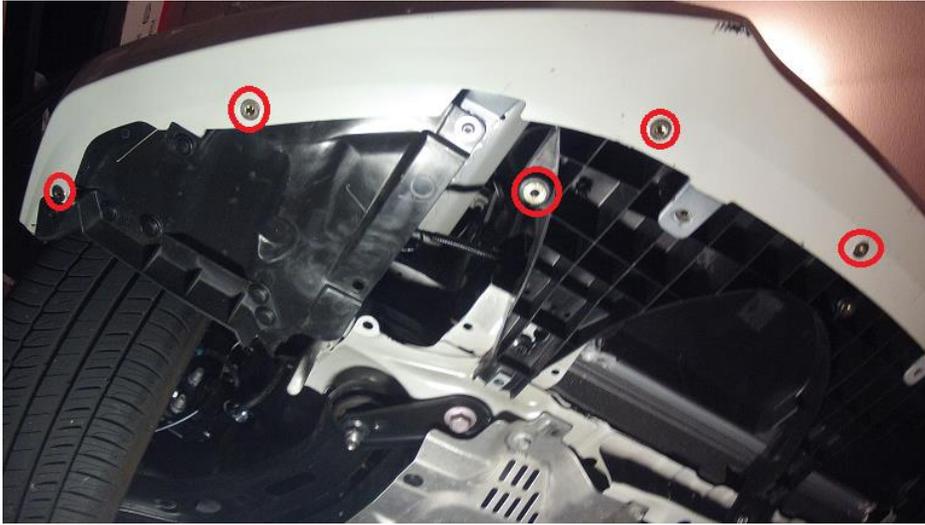


6. Installation:

- 6.1. Begin by jacking the car up on a level surface. Use of the e-brake or wheel chocks is suggested. Secure car on two jack stands with enough room to have access under the front bumper.
- 6.2. Remove the plastic panel located in-between the radiator and the front bumper. There will be six push pins (shown in red), and three 10mm bolts to remove (shown in yellow).



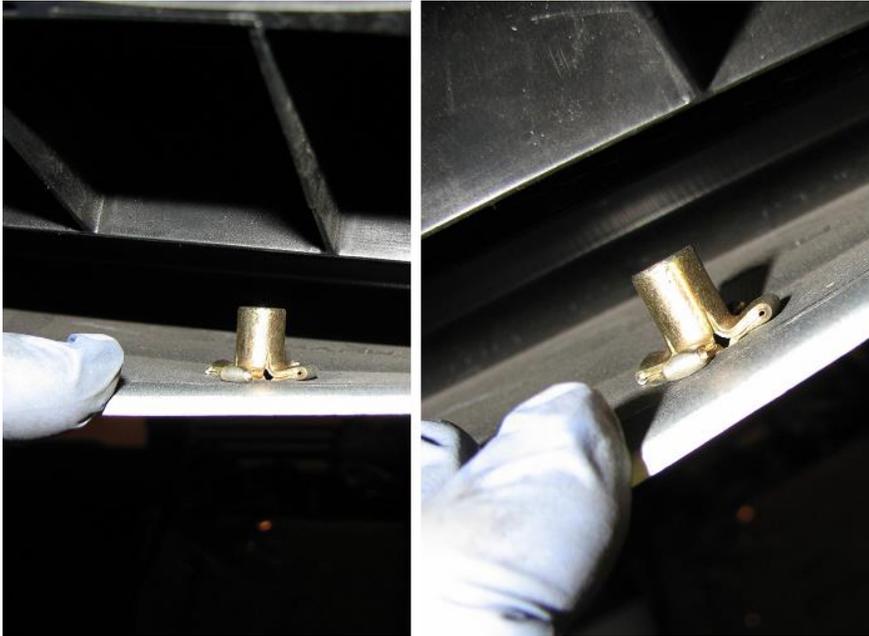
- 6.3. Now comes the hardest part of the install, installing the rivet nuts. Please view the next photo to ensure you are installing them in the correct holes. No holes should be drilled!!! This photo shows only the passenger side of the car, the driver's side is a mirror image of this.



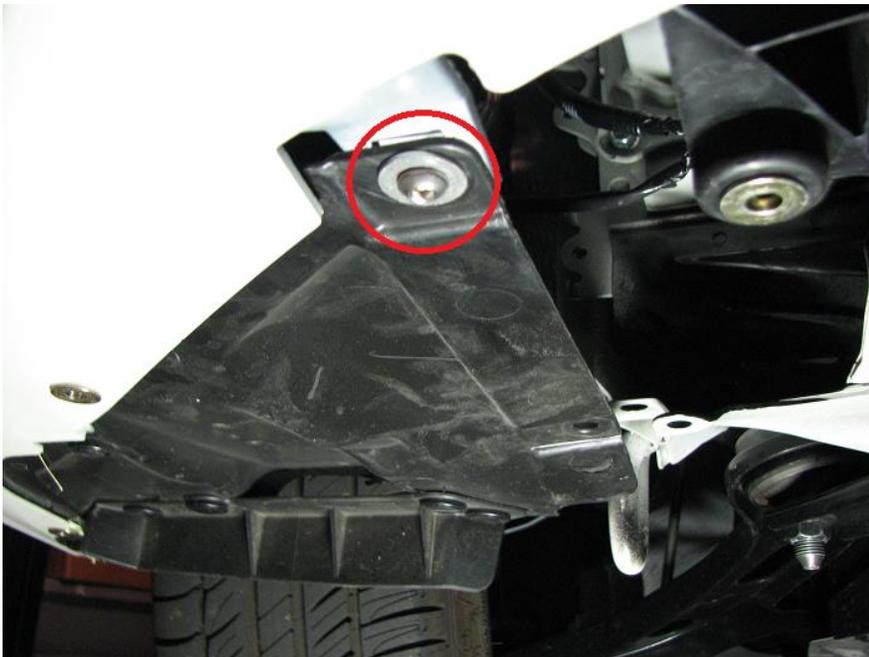
- 6.4.** To install a rivet-nut, follow the instructions given with the tool. Shown below in the photo is the correct way to install these rivets (*Note: The washer is not shown below as it was added to the build at a later date. The washers are not necessary but will decrease the chance that the rivet will be pulled through the bumper*). Be sure to insert the rivet-nut all the way into the bumper before tightening, this ensures the rivet-nut is centered in the hole. Utilize the washer on the rivets that go into the plastic bumper, the two rivet nuts that go into the hard plastic underbody panel do not need the washers.



- 6.5.** Do NOT over-tighten these rivets, they are only going into plastic. The following photo shows a properly installed rivet. Tightening any more would cause the rivet to deform the plastic.



- 6.6.** Install the two M6x1.0 x 16mm BHCS with two washers on the wheel liner plastic (left and right side).



- 6.7.** Install the splitter with the remaining M6x1.0 x 25mm BHCS with washers on each of the rivet-nuts. Utilize the aluminum spacer and the 30mm long BHCS on the two most rearward holes. We suggest to leave all bolts loose until they are all in and then tighten from the inside out. We also suggest you have the splitter held up by 4 or more bolts before letting the splitter free hang.



- 6.8.** Please note that the revision two splitter has an engraved side and none engraved side. You can install whichever side upward you wish. The engraved dots towards the rear of the splitter are there as a template for the race upgrade.



