

Kit Trim

Base	Mounts (+Hardware), Brace (+Hardware), Rods (+Hardware), Cardboard Splitter Template, Bumper/Splitter Seal (MSM only)	
Full	Mounts (+Hardware), Brace (+Hardware), Rods (+Hardware), Bumper/Splitter Seal (Standard on Mazdaspeed Only), Aluminum Splitter (+ Hardware), Splitter Trim	

Before we start...***Required (Recommended) Tools******For the Splitter:***

- Ratchet
- 10mm Socket
- 10mm Wrench
- 4mm Allen Socket or 4mm Allen Key

For the Rods:

- 1/2" Wrench
- 7/16" Wrench
- 3/16" Allen Key

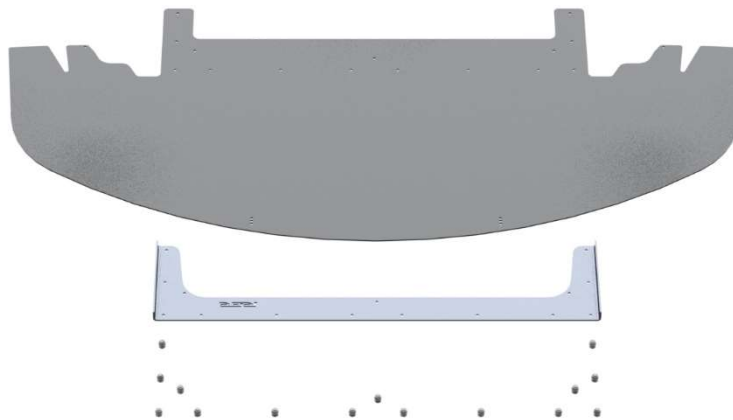
For Everything:

- Gloves (Strongly recommended)
- Loctite

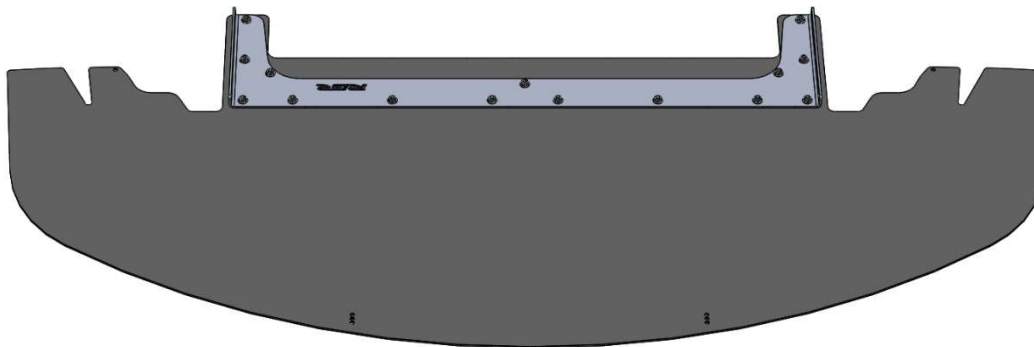
INSTRUCTIONS

Note: Before getting anywhere near the car we have to start assembling the splitter. Depending on your kit you will either have a ready-to-go splitter or you will have a template. If you have a template, you need to cut your splitter before going ahead, if you do not have the full kit, you will need your splitter hardware as well before going ahead.

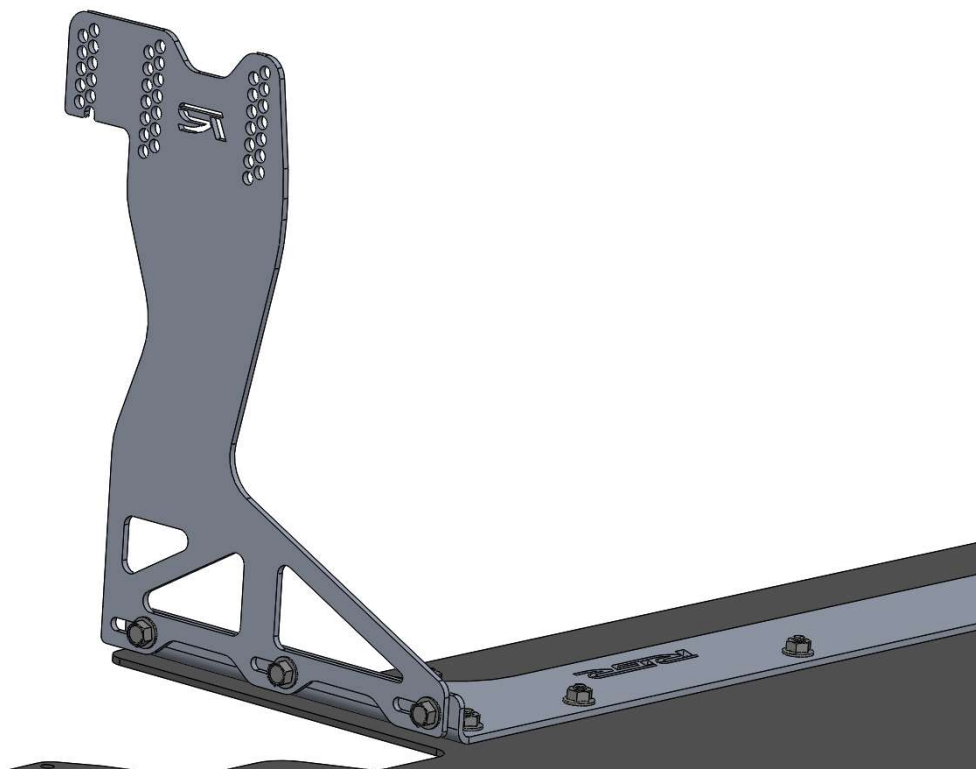
1. First get the splitter brace, the splitter and the 15 M6 button head bolts and hex nuts included in your kit.



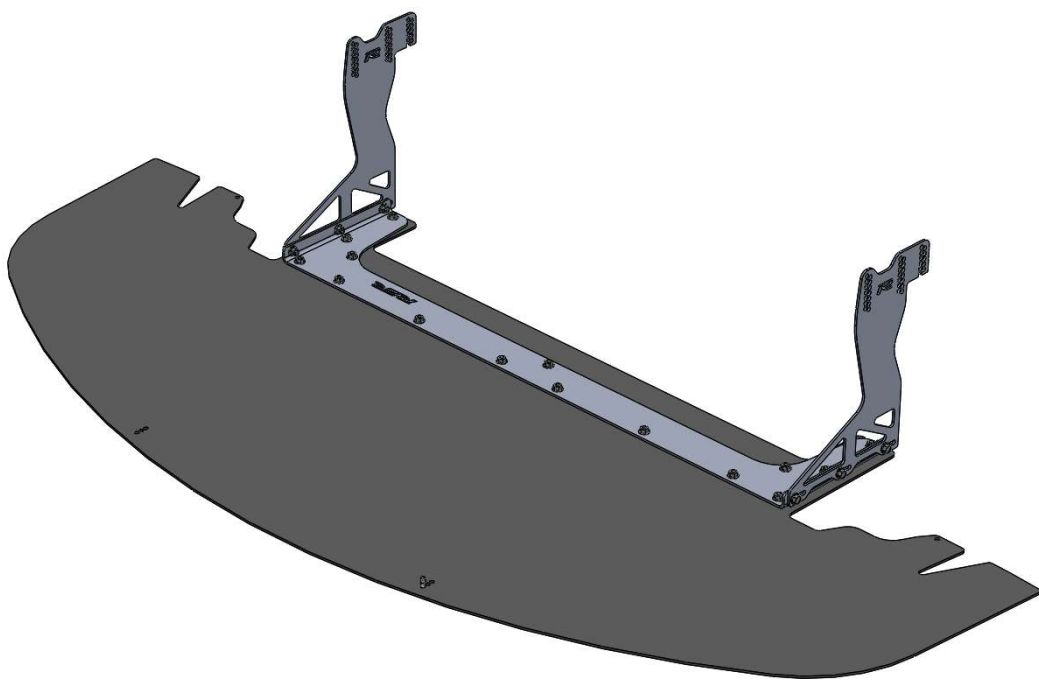
To put them together you will need your 10mm socket or wrench and a 4mm Allen. Match the holes on the brace with the holes on your splitter and tighten each bolt. Once this step is done it should look like this.



2. Now it's time to bolt the mounts. To do this you will use the 6 provided M6x16 hex bolts and hex nuts. Put together one mount, each take 3 bolts and nuts, hand tighten them together (they have to be loose enough so they can be adjusted later in the car). To put these together you will need a 10mm socket and a 10mm wrench. Once put together the mounts should look like this:



Note: The Mounts go outside of the brace



3. Now the kit is ready to go in the car. In order to install it, you need to have easy access to the front wheel well area - depending on the ride height of your car you can get away with just turning the wheels to access the area but we strongly recommend lifting the front of the car. To do so, remove the front wheels and use jack stands along with every safety measure required to prevent the car from falling on you while working on it. DO NOT continue if you cannot work under your car safely.



4. Before bolting the splitter, the factory hardware must be removed from the mounting points. Remove the bolts that hold the factory undertray and both bolts for the sway bar Bracket. These are 10mm bolts. Bolts to remove pictured below.



- For MAZDASPEED or cars with non-flat bumpers only
Before installing the splitter, install the bumper to splitter seal if included in your kit.



We recommend following the highlighted contour below. The seal comes with double sided tape, make sure you install it on the factory lip and not on the bumper in a MAZDASPEED, in a NB without a lip it can be installed directly to the bumper. If you prefer you can also install it on the RGR Splitter. Make sure to clean the area with rubbing alcohol before installation.



5. Now it's time to bolt the splitter up. Put it (the splitter) under the car, it is easier if you have help from somebody but if you do not you can use a jack to lift it and get it into position.





Once the splitter is in position it can be bolted in, use the 6 provided M6x25 hex bolts along with the M6 washers to bolt it. Hand tighten the bolts for the meantime as some height adjustment may be required. Do this for both sides. Once the mounts are bolted in, they should look somewhat like this:



Notes: The mounts pictured above are prototype mounts. Depending on your specific year/bumper/splitter some minor undertray trimming may be required, specifically the circled area above.

6. Your splitter is now on, with the available adjustments get it to a position where the splitter is against the bumper/lip/seal.



Now it's time to Install the splitter rods, these bolt to the bumper reinforcement which is located in the inlet area of the front bumper.



We recommend that you extend your rods first, leave them loose for the meantime. First bolt them to the reinforcement, you will need a 1/2" wrench. Once bolted they should look like this:



7. Now it's time to bolt your rods to the splitter and do final adjustments. For this you will use the 3/16" Allen.



Once your splitter is where you want it to be (this is up to your personal preference and specific application) it's time to tighten everything. You will need your 10mm socket and wrench to do both the mount and brace bolts, to adjust the rods you will need a 1/2" wrench and a 7/16" wrench. make sure that every bolt is tight. You should be able to pull and push your car using the splitter without it (the splitter) moving. *NOTE: We recommend applying Loctite to both the Chassis and Brace bolts if you do not plan to remove it often.*



8. The final step is the splitter trim install (if included in your kit). To do this start on one end and continue until the entire contour of the splitter is covered, once you have reached the end, cut the trim to size, you should have trim left.



You are now done, **enjoy** your Splitter





Design and Engineering

NB Chassis Mounted Splitter Kit

Disclaimer: This product is for off-road use only, use and install at your own risk.