



FS Performance Engineering

Nissan 370Z Front Splitter + Undertray Installation Instructions

Tools Needed:

- 10 mm wrench
- 10 mm socket
- Ratchet wrench
- Rivnut Installation tool w/ M6 mandrel
- 25/64" drill bit
- 1/4" drill bit
- Drill

For the rods:

- 5/16" drill bit
- 3/4" wrench
- 1/2" wrench
- 7/16" wrench

For the fins:

- 5/32" allen wrench
- 7/16" wrench
- OIL FOR THREADS

Included in Kit:

- (1) Nissan 370Z Splitter
- (3) M6-1.0 x 70mm bolts
- (4) M6-1.0 x 65mm bolts
- (2) M6-1.0 x 30mm bolts
- (2) M6-1.0 x 20mm bolts
- (4) 45mm spacers
- (3) 40mm spacers
- (5) 1/4" lock washers (small)
- (15) 1" OD, 1/4" ID Fender washers
- (6) M6 nyloc nuts
- (5) M6 rivnuts (2 are extra)
- (1) Pair of 12-13.75" splitter support rods with:
 - (4) 5/16" ID, 1.25" OD stainless steel washers
 - (4) 5/16"-18 (3/4") stainless steel button head bolts
 - (1) Threadlocker

If you have Fins:

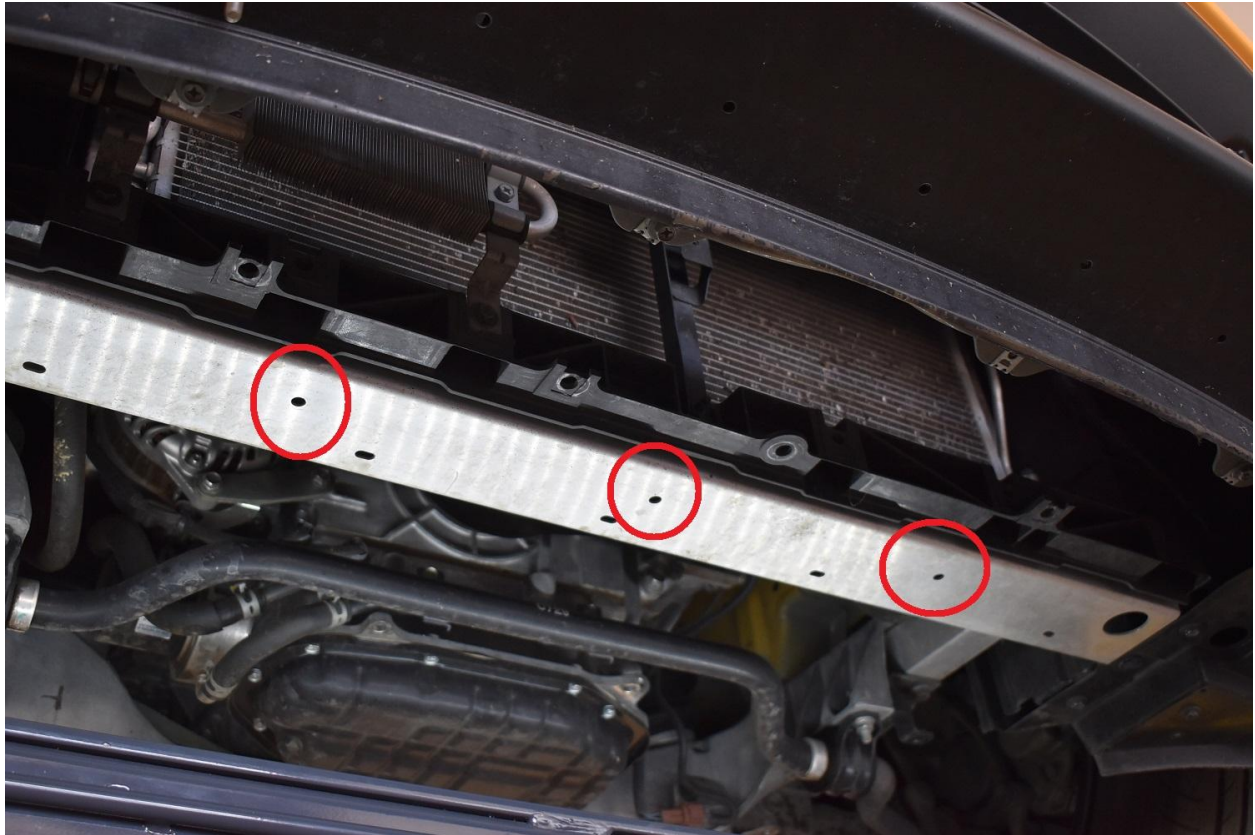
- (4) 1/4"-20 x 0.75" Stainless Steel Countersunk Bolts
- (4) 1/4" Countersunk Washers
- (4) 1/4"-20 Stainless Steel Nyloc Nuts

Optionally Included:

- (1) Undertray w/ installed M6 rivnuts
- (5) M6-1.0 x 20mm bolts
- (2) M6-1.0 x 40mm bolts
- (2) M6-1.0 x 50mm bolts
- (2) M6-1.0 x 60mm bolts
- (11) 1/4" small lock washers
- (11) 1" OD, 1/4" ID fender washers
- (2) 15mm spacers
- (2) 33mm spacers
- (2) 39mm spacers

Steps:

- 1.) Mounting has improved since the release of this splitter which means the instructions have too. Please bear with us!
- 2.) Raise the front of the car and secure it with jack stands.
- 3.) If you are installing splitter rods, keep in mind where you want to install them and make sure you have access to the back side upon installation. Notes are supplied with the rods. We do not explain in these splitter instructions how to install them - they are a bit open ended.
- 4.) Remove the OEM plastic splash tray/underbody engine shield. Use a 10mm socket + ratchet.
- 5.) Identify the 3 holes in the chassis. They are found just under the radiator. You might have 4. Use the three that correspond with the three holes in the splitter.



- 6.) Drill these three holes out with a 25/64" drill bit. Then install 3 of your M6 rivnuts using your rivnut tool. If you are unfamiliar with these tools please refer to an online guide.

7.) Remove the two bolts at either end of the bumper labeled “2 bumper points” in the pic. If you don’t have any bolts there, you will use our supplied ones.

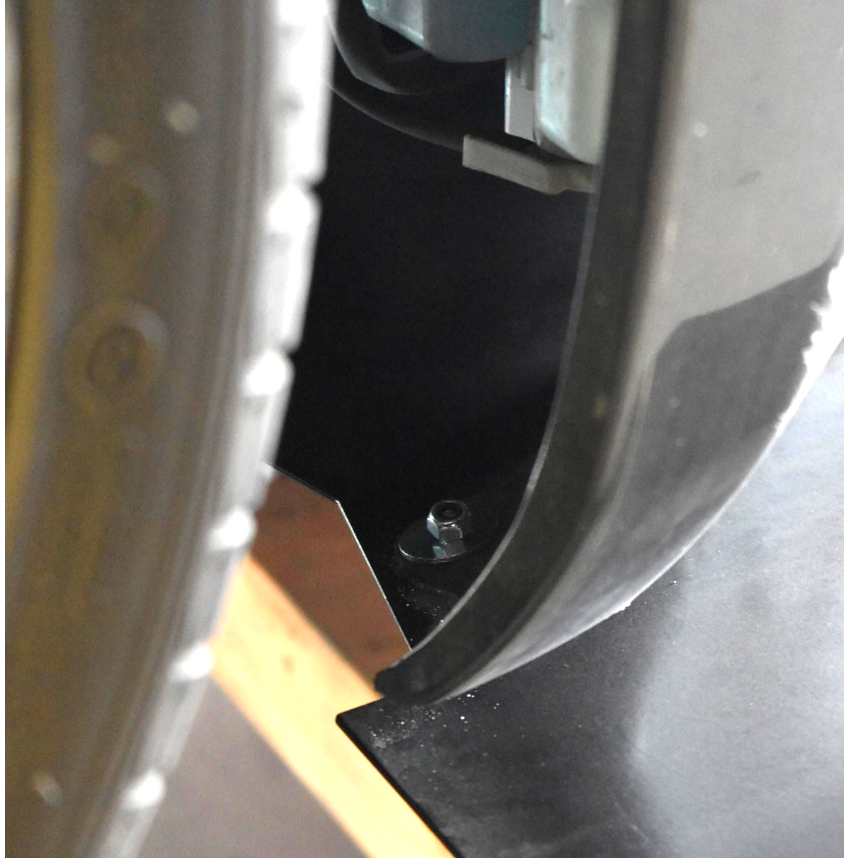


8.) Install your splitter into the 3 points where you installed the M6 rivnuts in steps 5 and 6. Use M6-1.0 x 70mm bolts with a ¼” lock washer and 1” OD washer. Use 40mm spacers between the splitter and M6 rivnuts.

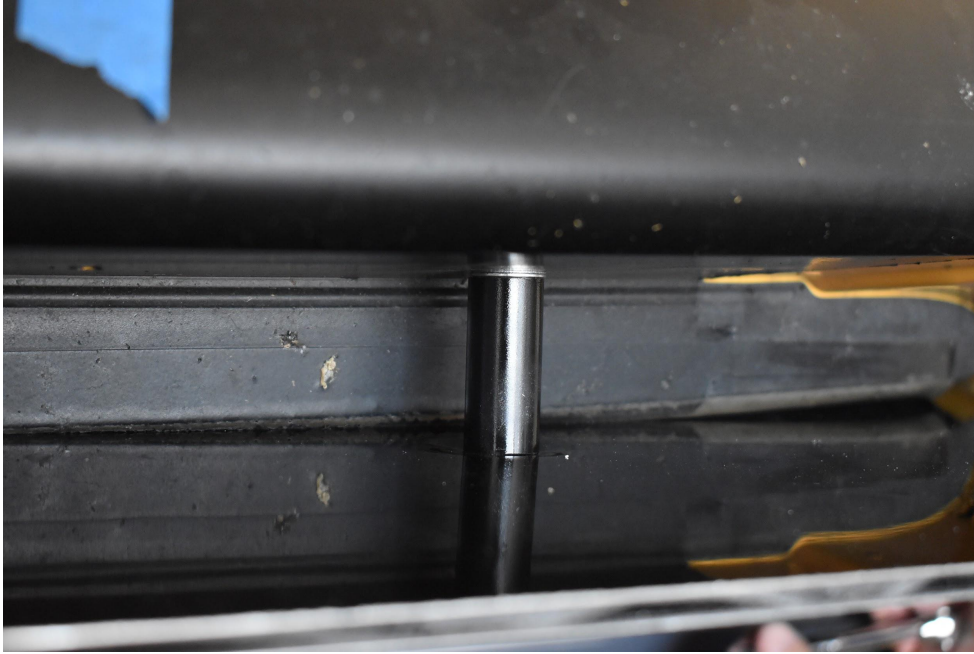
Install your splitter into the 2 bumper points to the left and right. Use M6-1.0 x 30mm bolts with ¼” lock washers and 1” OD washers if you still have threaded holes in the plastic.

→ If you don’t have threaded holes in the plastic install M6-1.0 x 20mm long bolts with 1” OD washers on top and bottom with nyloc nuts. (3 PICS)



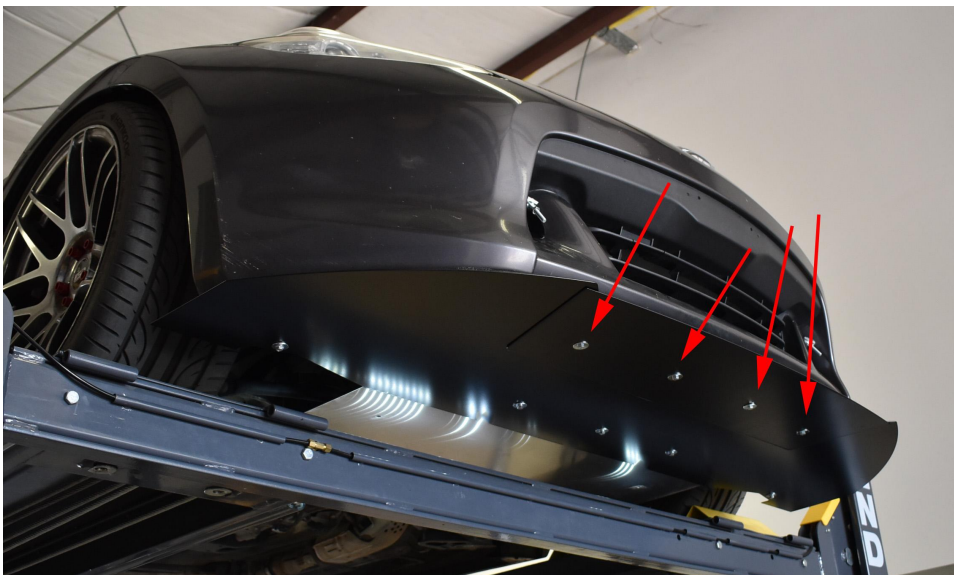


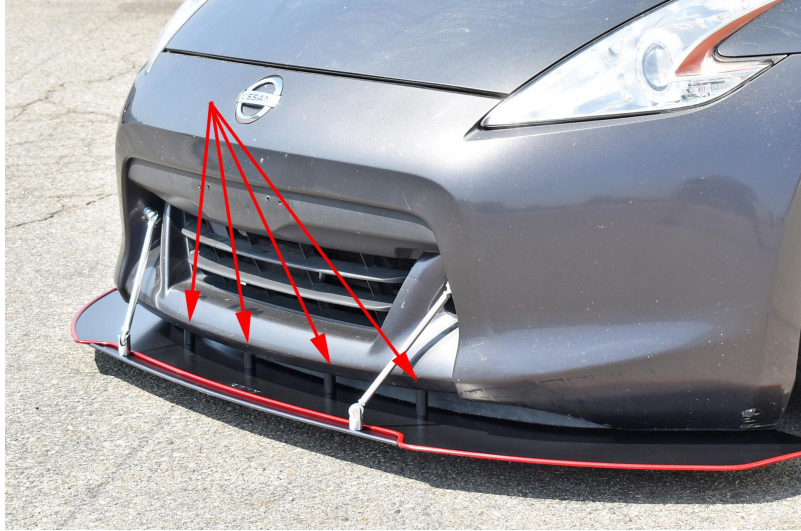
9.) Using a ¼” drill bit, drill up into the bumper through the 4 remaining holes at the front of the splitter. Make sure you drill perfectly straight up. You are making holes in the bumper for bolts with spacers at the front. Like below. (apologies for the lack of pictures).



10.) Once the holes are drilled remove the three bolts mounted to the chassis into the M6 rivnuts, and install your 4 bolts at the front. If you have a 2nd layer then place it underneath. You'll be using four M6-1.0 x 65mm bolts with 1” OD washers on bottom, 45mm spacers between the splitter and bumper, and 1” OD washers on top with M6 nyloc nuts. Securely tighten.

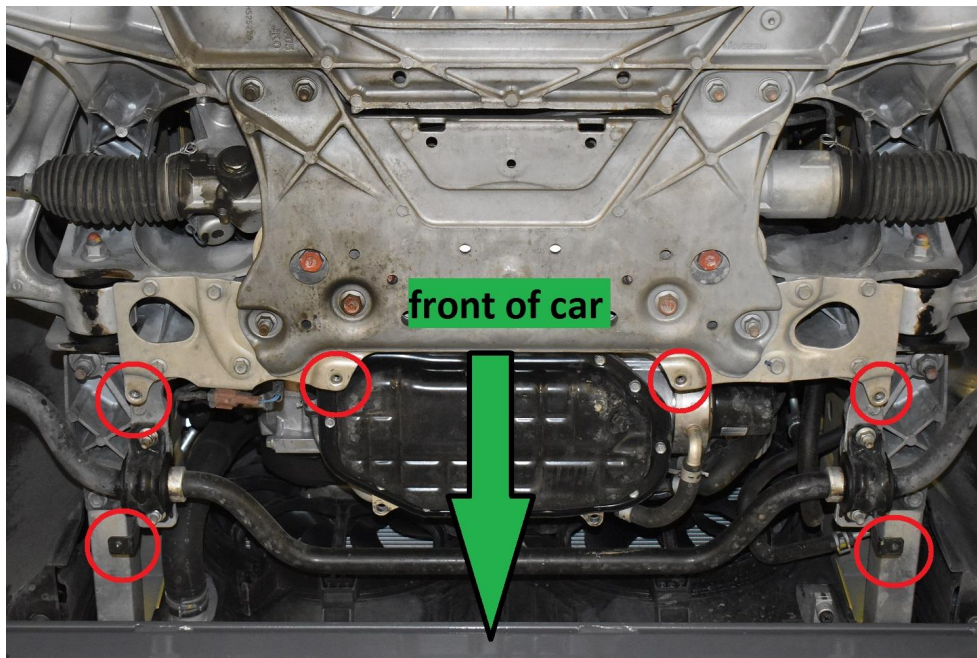
Then reinstall the 3 bolts mounted into the chassis into the M6 rivnuts. Securely tighten.



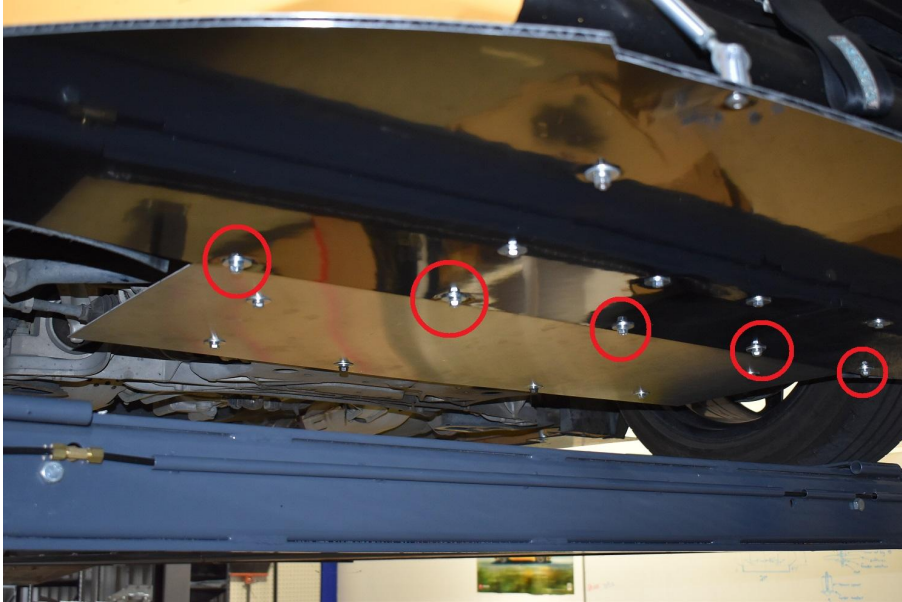


11.) Make sure to install your rods (see notes that come with rods).

12.) Undertray installation is simple. Identify and keep in mind these threaded holes in the car (circled in red).



13.) Place the undertray on top of the splitter and line up the holes in the splitter with the rivnuts on the undertray. Loosely install 20mm bolts with 1" OD fender washers + lock washers into the rivnuts.



14.) Install the remaining bolts through the holes in the undertray into the threaded holes in the from step 11. Each pair of holes will require a different length bolt and spacer:

- BLUE = 15mm spacer + 40mm bolt + 1" OD fender washer & lock washer
- GREEN = 33mm spacer + 50mm bolt + 1" OD fender washer & lock washer
- RED = 39mm spacer + 60mm bolt + 1" OD fender washer & lock washer





- 15.) If you have fins install them with the fin hardware. USE OIL ON THE THREADS.
- 16.) If you have edge trim, clean the edge of the surface with isopropyl alcohol before applying. Use light heat to form around edges.
- 17.) Securely tighten all bolts, your rods, and you are done!!! Enjoy your new FS Performance Engineering aero! Be sure to use #FSPerformanceEngineering in the online world.



For questions email costas@fspeinc.com

Or call/text us at (661) 809-0954