



FS Performance Engineering

Volkswagen MK6 Golf GTI Front Splitter V3 (Chassis Mounted) Installation Instructions

PROFESSIONAL INSTALLATION RECOMMENDED

Tools Needed:

- Drill
- 5/16" Drill bit (INDUSTRIAL RATED TO GET THROUGH THE CRASH BAR), an extra long one is a bonus
- 1/4" Drill bit
- 10mm wrench and socket
- Ratchet wrench
- 7/16" wrench
- 1/2" wrench
- 3/4" wrench
- 5/32" allen wrench
- 3/16" allen wrench
- T25 Torx driver
- Ruler/measuring tape
- Masking tape
- Exacto Knife / Box Cutter
- Pencil/pen
- Level

Included in Kit:

- (1) Splitter
- (1) Blue Loctite
- (4) 25mm spacers
- (4) 15mm spacers
- (4) 10mm spacers
- (2) M6-1.0 x 55mm bolts
- (2) M6-1.0 x 50mm bolts
- (4) M6-1.0 x 30mm bolts
- (12) 5/16" ID, 1.25" OD SS washers
- (13) 1/4" Small SS washers
- (8) M6 Nyloc Nuts
- (5) 1/4"-20 nyloc nuts
- (5) 1/4"-20 x 3/4" SS countersunk bolts
- (5) 1/4"-20 Countersunk washers
- (4) Silver Splitter Rods 8.5-10.25"
- (4) 5/16"-18 x 3/4" SS Buttonhead bolts
- (4) 5/16"-18 x 1" SS Hex head bolts

ADDITIONAL RODS INCLUDED IF ORDERED

Steps:

- 1.) Raise the front of the car and secure it on jack stands.
- 2.) We did the whole installation without removing the bumper. This was only possible because the front grill was cut out. We do recommend removing the bumper to tighten the 4 splitter rods that mount to the crash bar. These instructions will reflect how we installed the splitter with the grill cut out. Read ahead :)

Remove the under tray that sits under the engine. It's held on with Torx 25 screws. You will also need to remove the OEM tray that sits below the bumper. It is also held on with Torx 25 screws and is "clipped" into the bumper. Here's what the underside of the car should look like once those trays are removed.

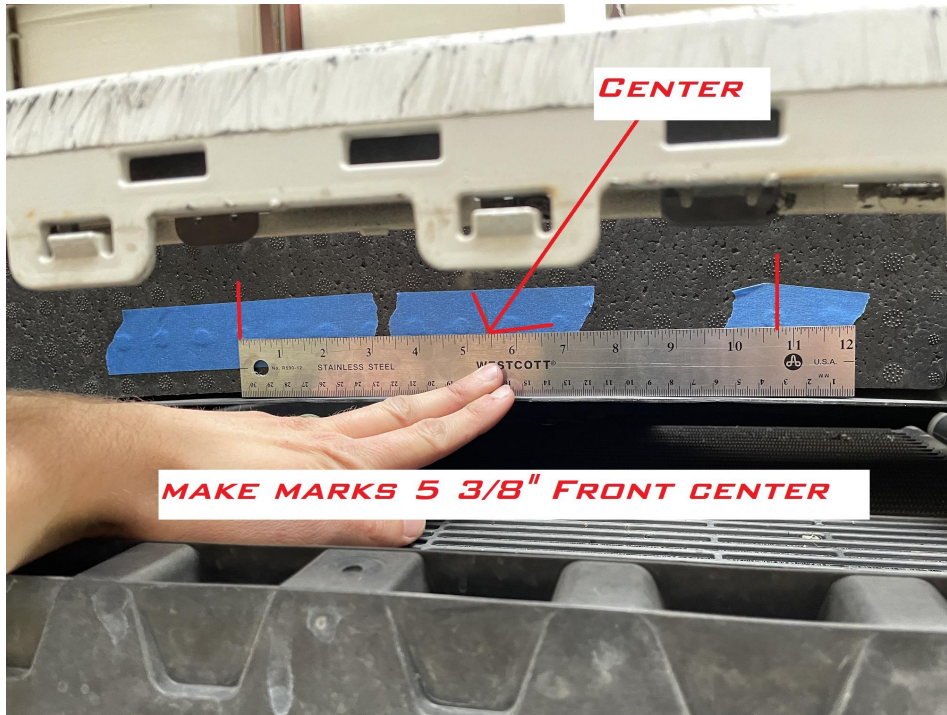


3.) Identify the foam that sits just below the crash bar. Cut it out. Feel free to cut it out before or after the holes are drilled for the rods.



← That's how much we cut out.

4.) It's time to measure for the splitter rod holes. Find the center of the crash bar and measure 10.75" apart ($5 \frac{3}{8}$ " out from the center in either direction). Place masking tape and make marks.



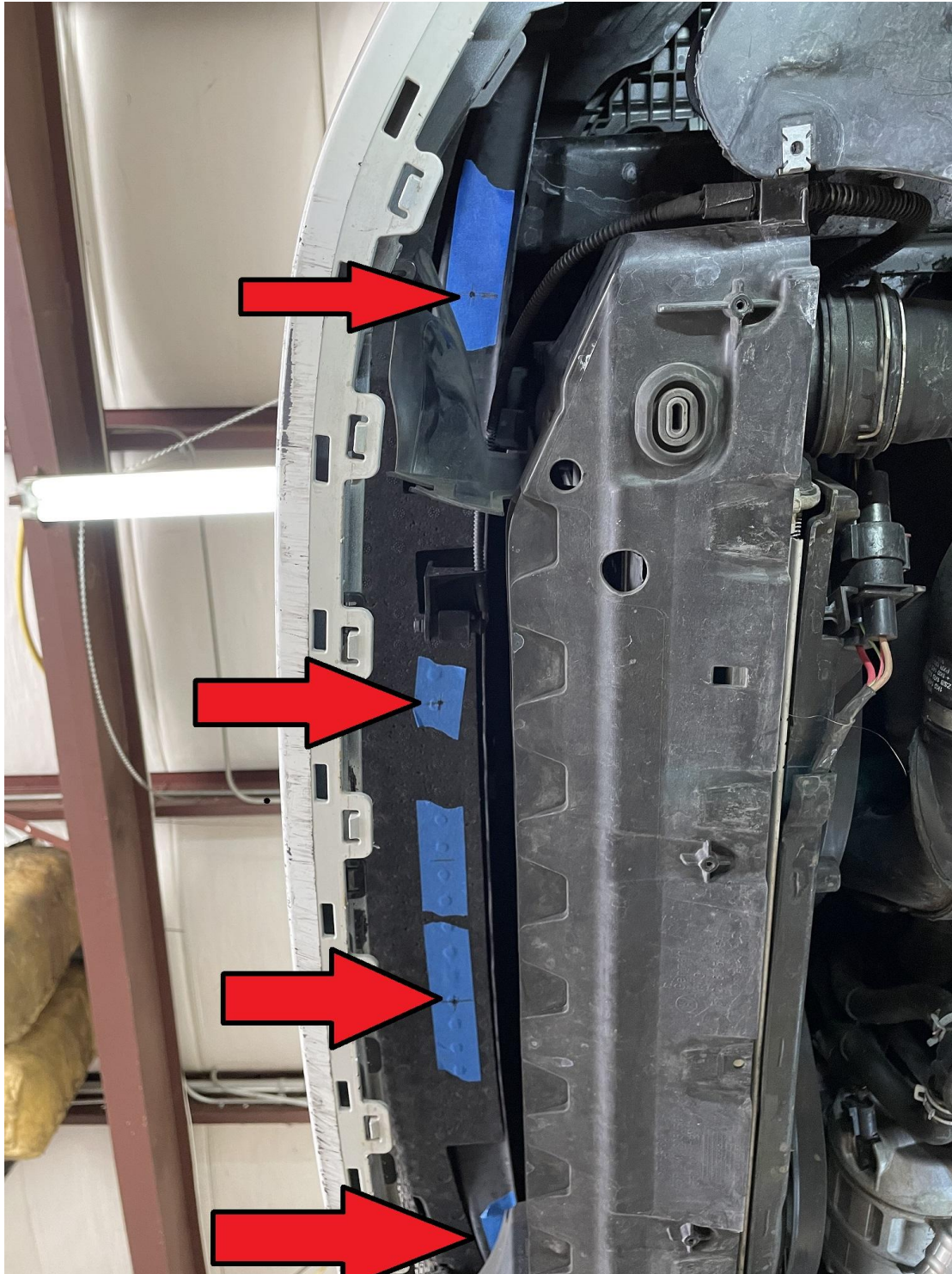
5.) Then measure $11 \frac{3}{16}$ " toward the outside of the car from those marks just made. Place tape and make marks. These will be the locations for the outer two splitter rods.



6.) At the outer two locations for the splitter rods measure in $\frac{3}{4}$ " from the bar's fold and make a mark. At the inner two locations for the splitter rods measure in 1.25" from the bar's fold and make a mark. The outer hole is shown here:



7.) You will now have a total of 4 marks. Drill them out with your 5/16" drill bit.
(SEVERAL PICS TO SEE)





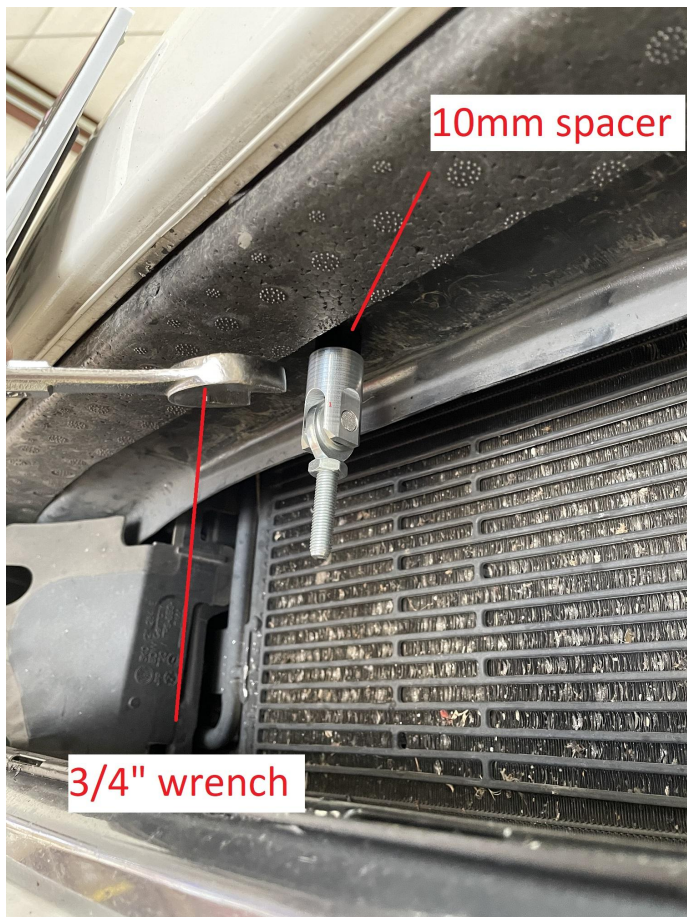
8.) Remove the masking tape. If you haven't already cut out the foam, please do so now.

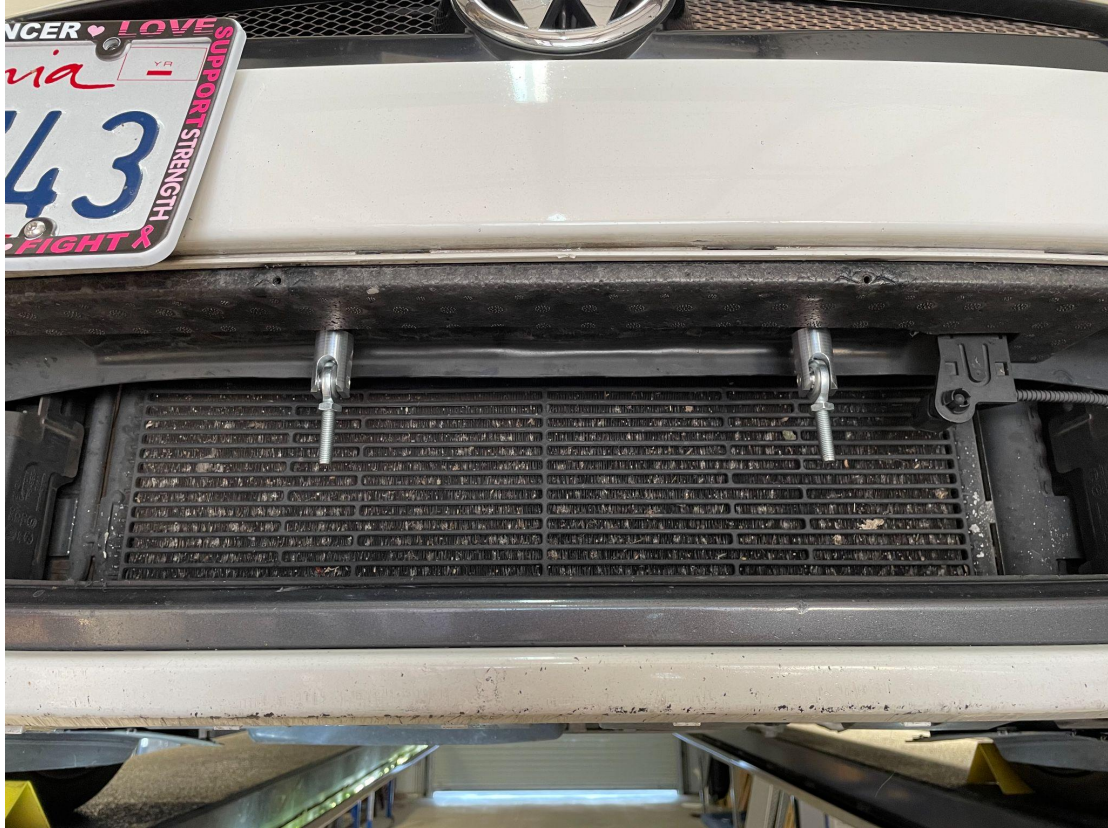


9.) Make sure the holes you drilled are clean on top and bottom. Drop down the splitter rod's FOUR 5/16"-18 x 1" hex bolts with 1.25" OD washers into the holes just drilled.



10.) Using blue loctite on the threads, install either the entire rod or just the ends onto the bolts. Use 10mm spacers to space the rods away from the bash bar. Use a 1/2" wrench on top and 3/4" wrench on the rod end. Tighten as best as you can. Point the rod ends straight like in the pictures.

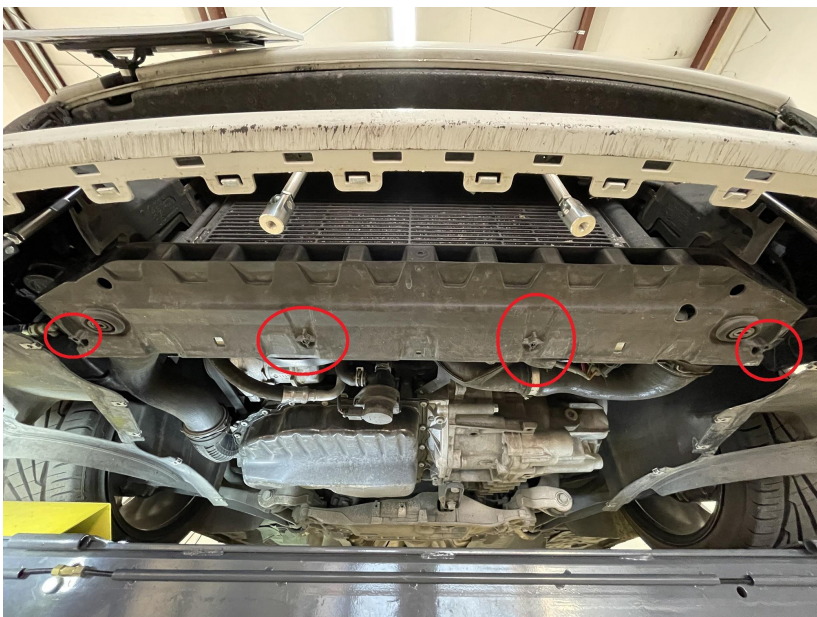


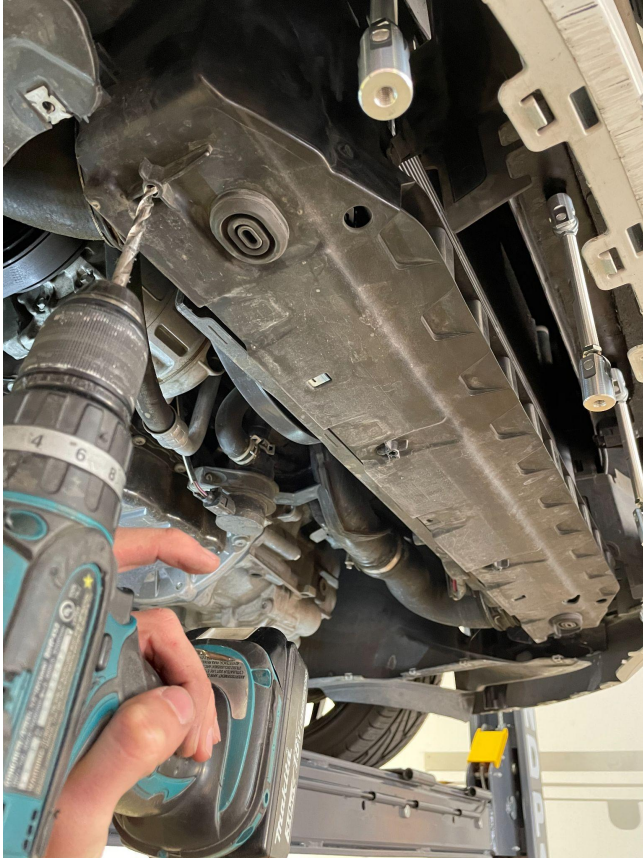


11.) Install the rest of the rod bodies onto the ends if you haven't already. Close them up entirely.



12.) Now identify and drill out the radiator support mounting locations with a 1/4" drill bit. There are four. Make sure the drill doesn't push through and hit a hose above.

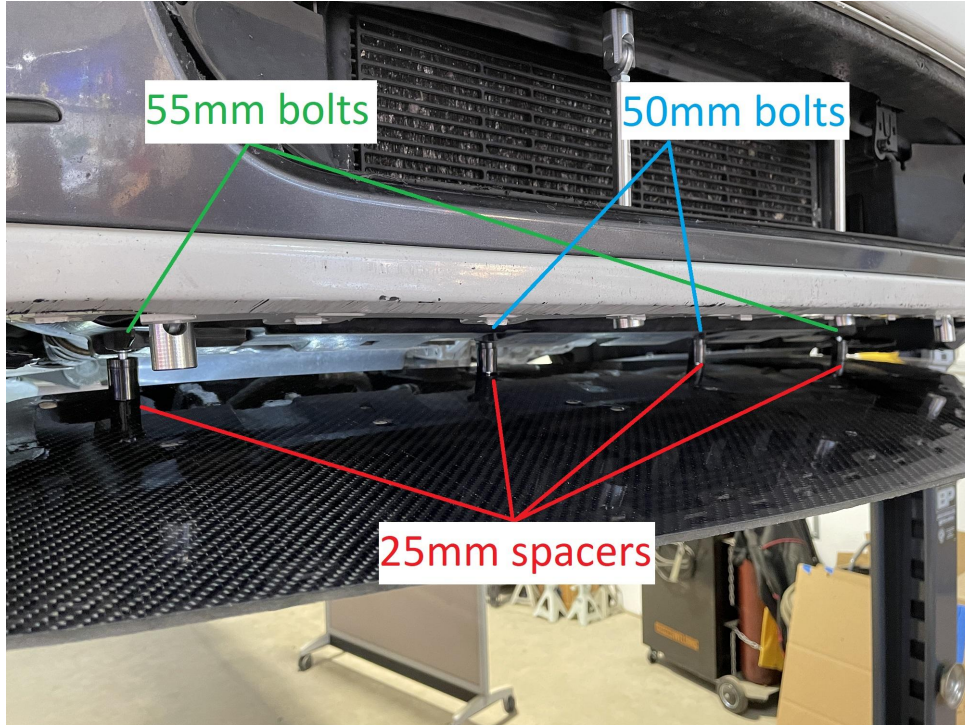




13.) Now, take a look at your splitter. A 75 degree air duct is supplied. Go ahead and install it. Use the supplied 1/4"-20 countersunk stainless bolts and countersunk washers pointing upward. Use the 1/4" small washers and 1/4" nyloc nuts on top. Securely tighten.



14.) Install your splitter into the four holes in the radiator support that you bored out with a ¼” drill bit. All four holes require 25mm spacers. The inner two require M6-1.0 x 50mm bolts and the outer two require M6-1.0 x 55mm bolts. Use ¼” stainless steel small washers on top and bottom, and M6 nyloc nuts on top. Feel free to leave loose until the final step.



15.) Install your rods onto the splitter. Use the 5/16”-18 x 0.75” button head bolts with blue loctite, then adjust the rods so the splitter sits level front to back and left to right. Then use a ½” wrench to tighten the nuts up against the barrels. Use a 7/16” wrench to hold the barrels. Refer to the supplied rod tips.



16.) Install your splitter into the OEM holes in the bumper. Use the OEM screws at the left and right side of the bumper (torx 25).



17.) Install your splitter into the holes where the OEM brake ducts are held. Use four M6-1.0 x 30mm bolts with 15mm spacers between the splitter and locations (2 spots on each side). You will need to remove the OEM speed nuts. Use 1.25" washers on bottom, and 1/4" small stainless washers and m6 nyloc nuts on top.

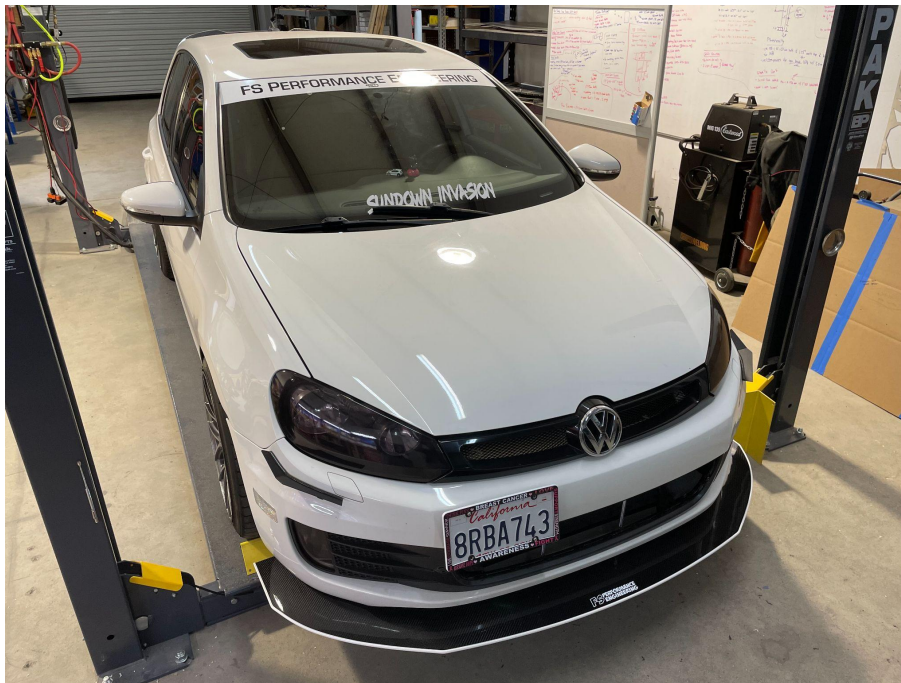




18.) Assure all bolts/nuts are tightened and reinstall the OEM tray. Then you are done!



19.) Enjoy your new FSPE aero!



For questions email costas@fspeinc.com or jim@fspeinc.com
Or call/text us at (661) 809-0954