



FS Performance Engineering

Volkswagen MK6 Golf GTI Rear Diffuser Installation Instructions

Tools Needed:

- 10mm socket and wrench
- Ratchet wrench
- Blue painter's (masking) tape
- Very stubby (about 1.5") pencil, or something short to make a mark on the masking tape
- Cordless drill
- 1/4" diameter drill bit

Included in Kit:

- (1) Diffuser
- (2) A-arm brackets
- (2) Bumper brackets
- (6) M6-1.0 x 20 mm hex flange bolts (shorter length bolts)
- (2) M6-1.0 x 30 mm hex flange bolts (medium length bolts)
- (2) M6-1.0 x 40 mm hex flange bolts (longer length bolts)
- (10) M6-1.0 hex flange nuts
- (1) Loctite
- (2) 15mm spacers

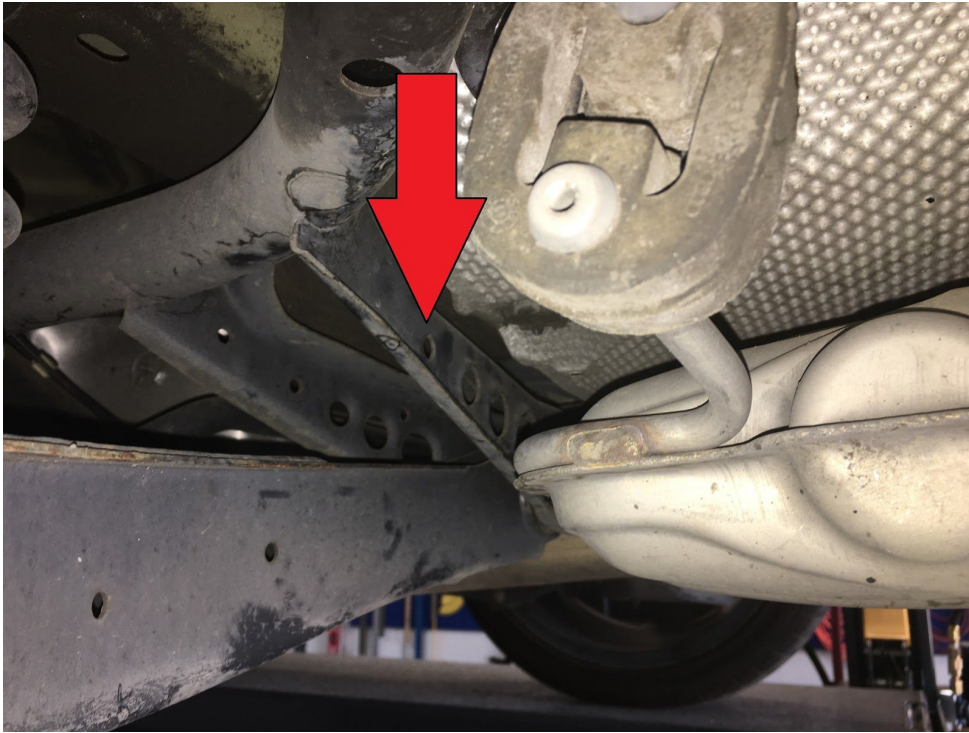
Steps:

Note before starting: Loctite (recommended) is supplied in this kit for the bolts as a safety measure if you plan on leaving the diffuser on the car for an extended length of time (or plan on tracking the car).

1. Raise car and secure with jack stands.

2. Identify the outermost hole in the rear upper a-arm solid mounts on either side of the car. A bit tricky but take a look at the pictures.

Left Side



Right Side



3. Using a M6-1.0 x 30 mm (**medium** length) bolt send it through the hole toward the back of the car. Place a spacer, then an A-arm bracket, then a nut on the back side of the solid a-arm support as shown in the picture (*ignore the washer, we used washers to protect our product for install pics*). Do this on both sides of the car. **Hand** tighten.

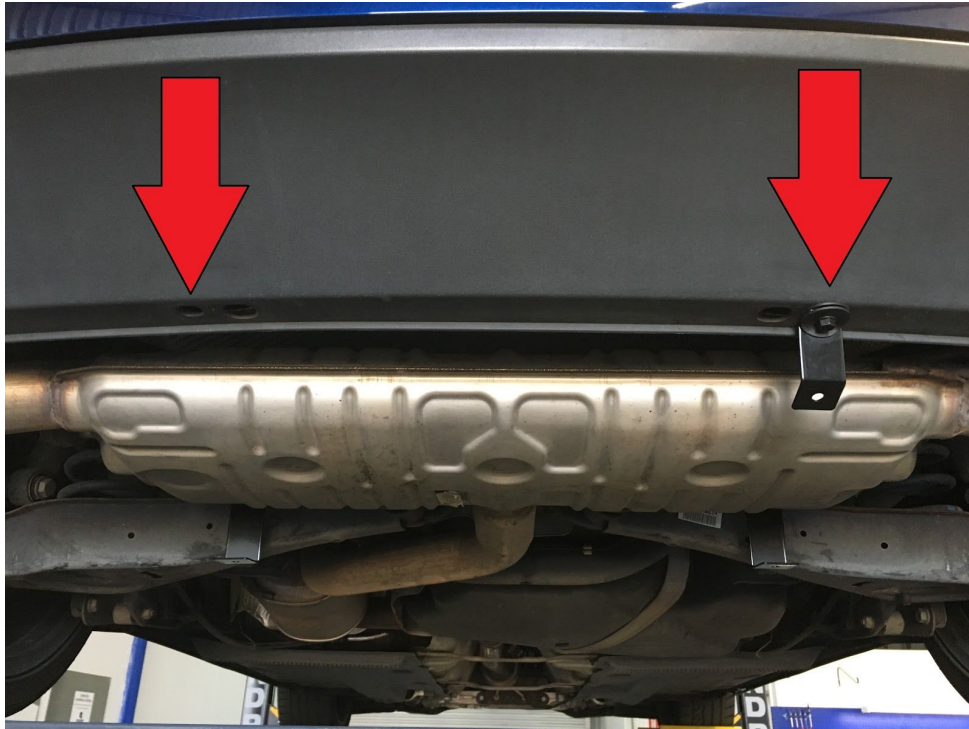
Zoomed in pic



Zoomed out pic



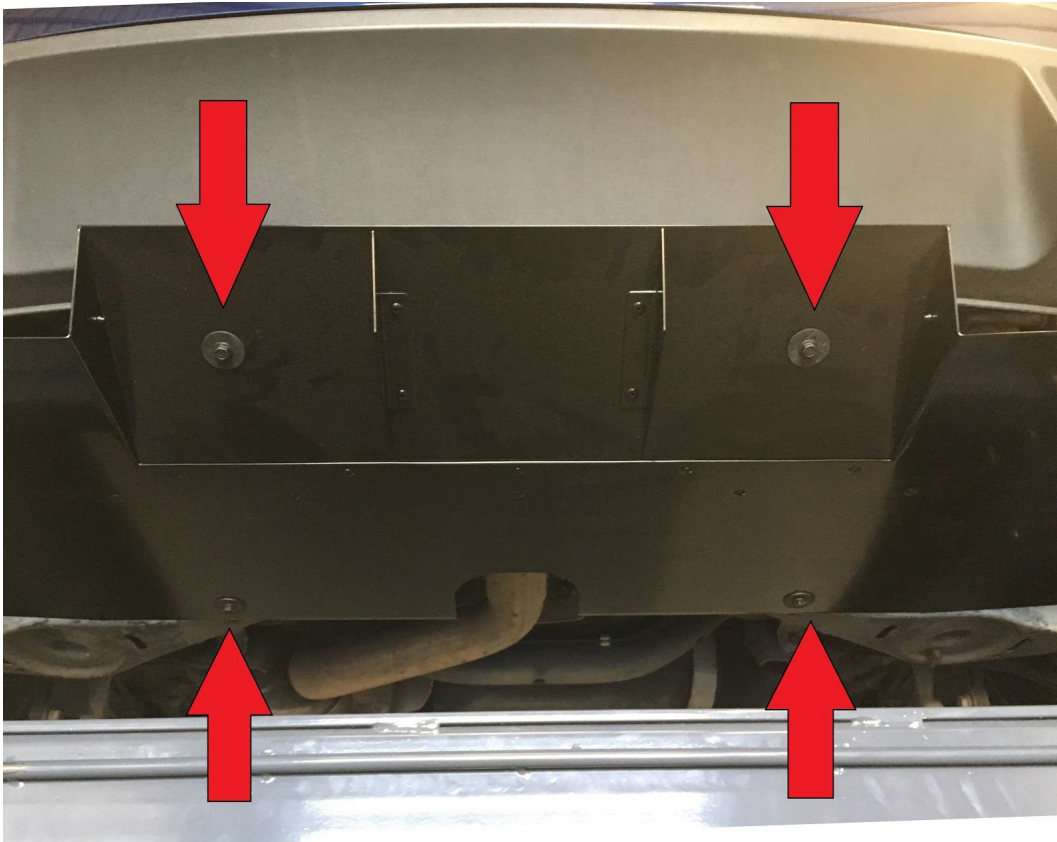
4. Identify the two outer holes in the rear bumper. Using (2) M6-1.0 x 40 mm bolts (**longer** length) and nuts install the rear bumper brackets. **Securely** tighten. *Again, ignore the washers!*



5. Mask off each side of the rear bumper with tape.



6. Install the diffuser on the four brackets using (4) M6-1.0 x 20 mm (**shorter** length) facing up and corresponding nuts. **Hand** tighten.



7. Assure the diffuser is centered as best as possible. Using your short pencil or marker make a mark on the painters tape through the hole on either end of the diffuser. Remove the diffuser (4 bolts/nuts), drill a 1/4" hole at the marked locations, remove your masking tape, and reinstall the diffuser. Send (2) M6-1.0 x 20mm bolts (**shorter** length) up through the diffuser and into the bumper and install a nut on top. You are also welcome to drop the bolt in from the top, but the threads and bolt will show on the bottom - up to you! **Securely** tighten but not so much to crack the plastic.



8. **Securely** tighten all of the bolts installed throughout the project. There should be a total of ten bolts with corresponding nuts.



9. Enjoy your new FS Performance Engineering diffuser! Remember to send us pictures once it is installed.



For questions email costas@fspeinc.com or jim@fspeinc.com
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