



VW MK5/MK6 Street Shield Reinforcement Kit Installation Instructions - [Click HERE to Shop](#)



Skill Level 1 - Easy

**Basic Skills
Required**



Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

INSTALLATION NOTES

- **RH** refers to the *passenger side* of the vehicle.
- **LH** refers to the *driver side* of the vehicle.
- Always use the proper torque specifications.
- If applicable to this installation, torque specifications will be listed throughout the document and at the end as well.
- Please read all of these instructions and familiarize yourself with the complete process **BEFORE** you begin.

GENERAL PREPARATION AND SAFETY INFORMATION

ECS Tuning cares about your health and safety, please read the following safety information. This information pertains to automotive service in general, and while it may not pertain to every job you do, please remember and share these important safety tips.

- Park your car in a safe, well lit, level area.
- Shut the engine off and remove the key from the ignition switch.
- Make sure any remote start devices are properly disabled.
- **ALWAYS** wear safety glasses.
- Make sure the parking brake is applied until the vehicle is safely lifted and supported.
- Whether lifting a vehicle using an automotive lift or a hydraulic jack, be sure and utilize the factory specified lift points.
- Lifting a vehicle in an incorrect location can cause damage to the suspension/running gear.
- **ALWAYS** support the vehicle with jack stands.
- **ALWAYS** read and follow all safety information and warnings for the equipment you are using.



NEVER get underneath a vehicle that is supported only by a jack, and **ALWAYS** make sure that the vehicle is securely supported on jack stands.

INSTALLING THE REINFORCEMENT KIT

Step 1: T25 Torx

Safely lift and support the vehicle and remove the front wheels, then remove the belly pan or street shield, depending on which is equipped.



For detailed instructions on the removal of your belly pan please reference the instructions for [ES2738920](#).



Step 2: T25 Torx

Remove the five screws (highlighted in **RED**) which secure each lower fender liner to the fender well.



INSTALLING THE REINFORCEMENT KIT

Step 3: T25 Torx

Remove the two screws (highlighted in **RED**) which secure each fender liner to the underside of the bumper.



Step 4:

Carefully guide the lower fender liners (highlighted in **RED**) out of the wheel wells.



INSTALLING THE REINFORCEMENT KIT

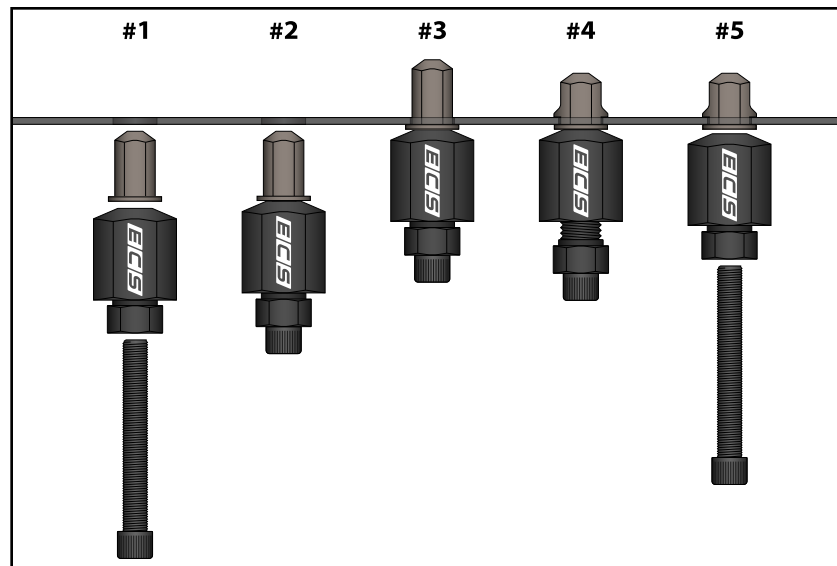
Step 5:

Looking up at the frame rail you can see the hexagonal hole where we will be installing the provided riv-nuts (inset photo) on either side.



Step 6: 24mm Wrench, 18mm Socket & Torque Wrench

To install the riv-nut, align the riv-nut tool body with the flanged side of the riv-nut (#1), then thread the allen screw through the tool body and into the riv-nut by hand until it is fully seated (#2). Insert the riv-nut into the hole in the frame rail, making sure that it is fully seated (#3). Next, while holding the larger portion of the tool body stationary with a wrench, rotate the smaller portion clockwise to expand the riv-nut (#4). Torque the smaller portion to 30 Nm (22 Ft-lbs), then remove it (#5). Repeat this procedure to install the riv-nut in the hole in the other frame rail.



INSTALLING THE REINFORCEMENT KIT

Step 7:

Carefully slide the clamping block up into the large opening in the frame rail on either side so that the threaded hole is centered in the opening as shown in the photo on the right.



It's very important you take your time here, it's possible to slide the clamping block too far back and lose it inside the frame rail.

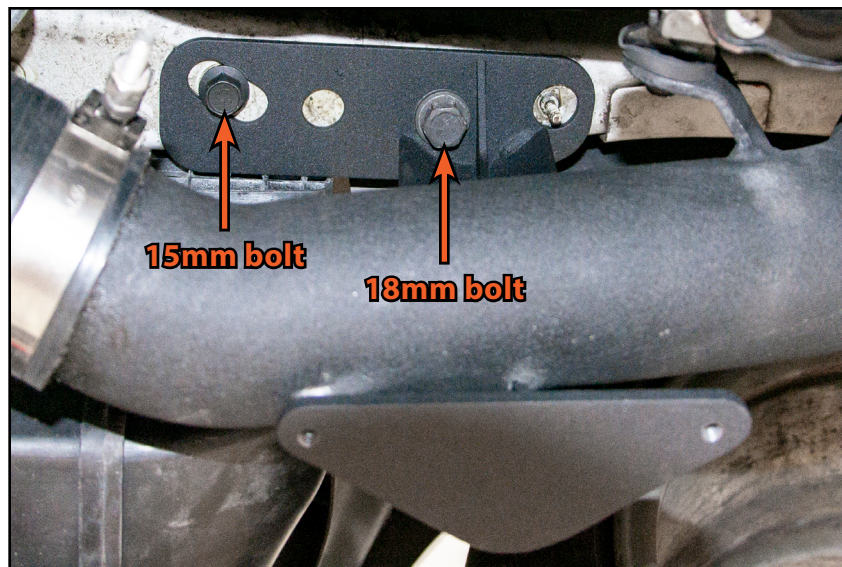


Step 8: 15mm, 18mm Socket & Ratchet

Lift the RH brace up onto the frame rail and loosely install the two bolts (arrows) into the riv-nut and clamping block to secure it up into place. Adjust the orientation of the brace until there is adequate clearance for the turbo outlet pipe, then fully tighten the bolts.



The braces shown in these photos are prototypes and may vary in appearance slightly from the braces in your kit.



INSTALLING THE REINFORCEMENT KIT

Step 9: T25 Torx

Reinstall the fender liner.

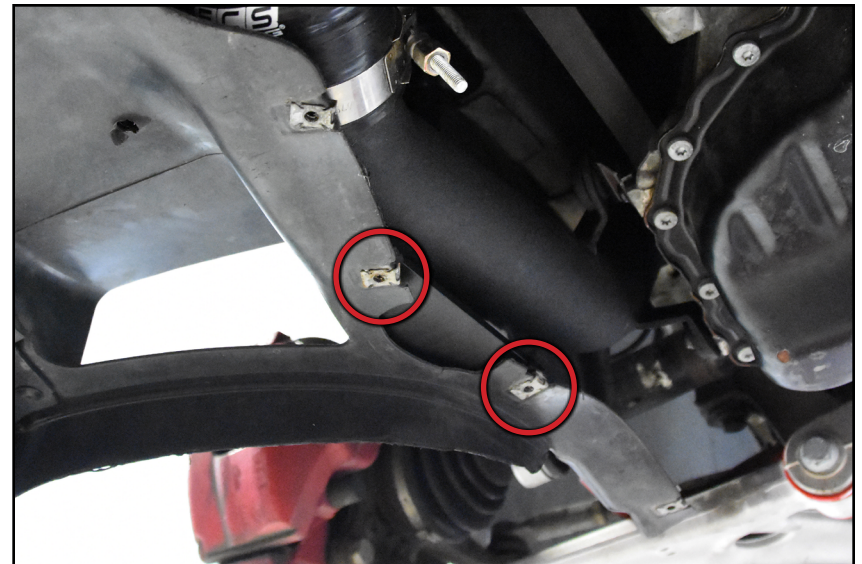


Step 10: Flat Head Screwdriver

Pry the two speed clips (circled in **RED**) free from the fender liners to allow the new provided bolts to pass through the fender liners and into the threaded holes in the brace.



To make installation of the skid plate easier, you can use a drill to widen the holes in the fender liners where the speed clips used to be.



INSTALLING THE REINFORCEMENT KIT

Step 11: 15mm, 18mm Socket & Ratchet

Repeat steps 8-10 to install the LH brace.

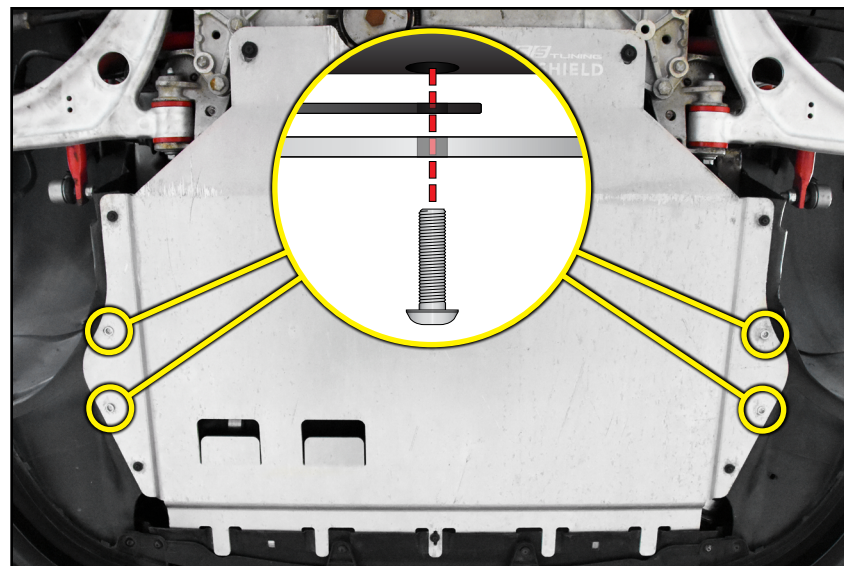


Step 12: T25 Torx, 4mm Allen

Install your street shield with the new provided bolts (circled in **YELLOW**). The bolts should pass through the holes in the fender liners, sandwiching them between the street shield and the braces as shown in the inset illustration.



For detailed instructions on the installation of your street shield please reference the instructions for [ES2738920](#).



Your Street Shield Reinforcement Kit installation is complete!



These instructions are provided as a courtesy by ECS Tuning

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