

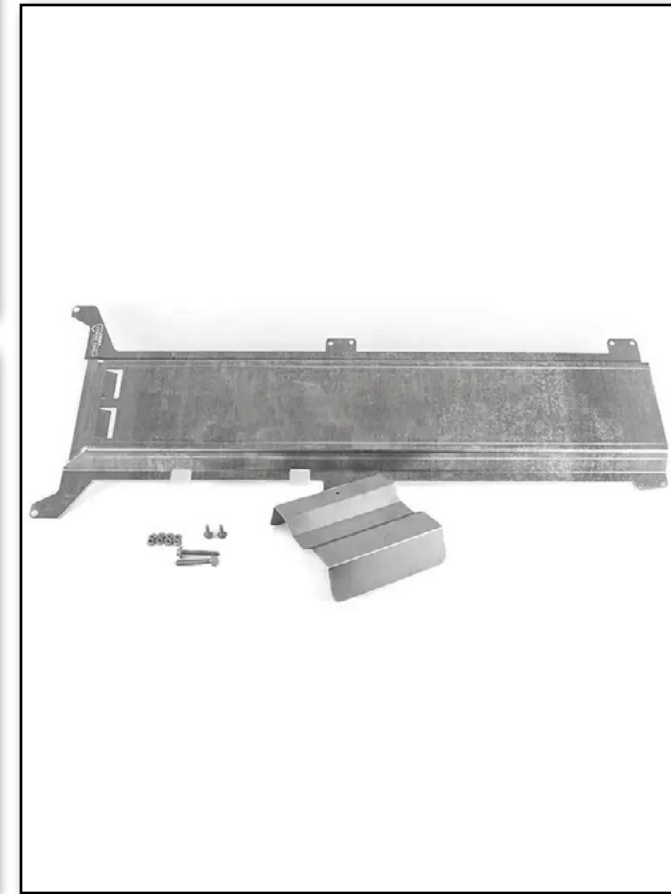


VW MK5/MK6 Golf Street Shield Tunnel Brace Installation Instructions - [ES3618477/ES3618478](#)



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.

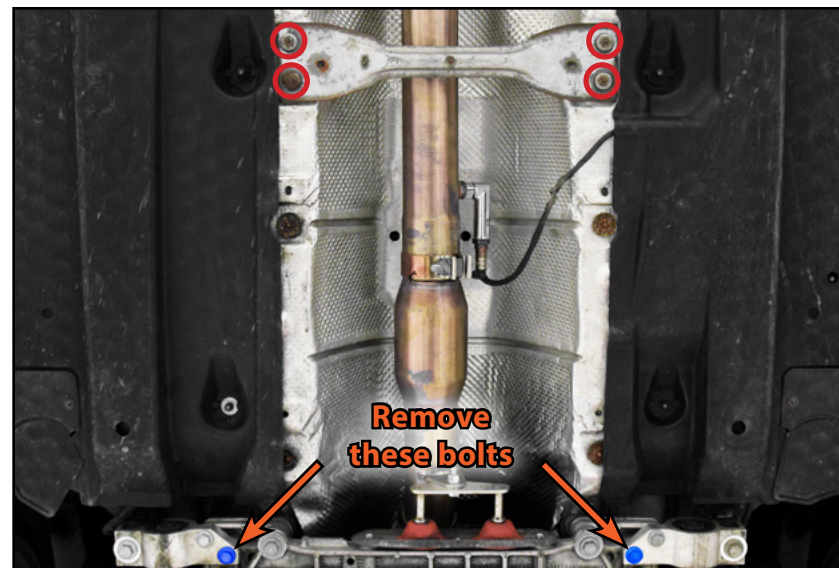


NEVER get underneath a vehicle that is supported only by a jack, and **ALWAYS** make sure that the vehicle is securely supported on jack stands.

INSTALLING THE TUNNEL BRACE

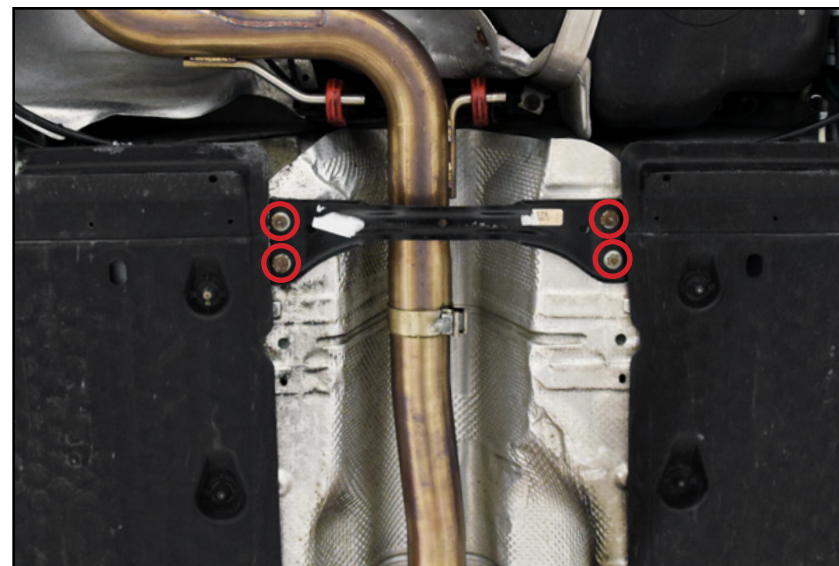
Step 1: 13mm Socket, 16mm Socket & Ratchet

Remove the four nuts (circled in **RED**) which secure the front cross brace to the vehicle, then remove the two bolts (highlighted in **BLUE**).



Step 2: 13mm Socket & Ratchet

Remove the four nuts (highlighted in **RED**) which secure the rear cross brace to the vehicle.

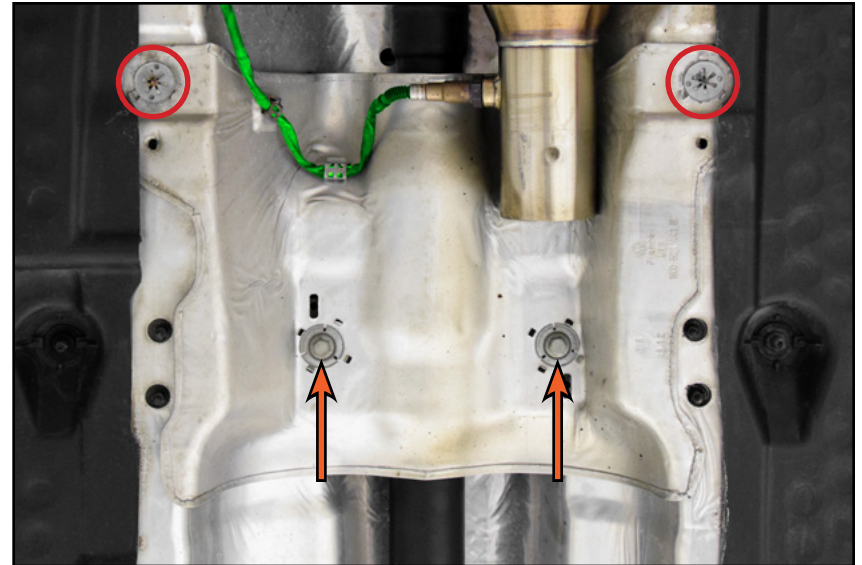


If you are installing this tunnel shield on a FWD vehicle skip ahead to [page 6](#). If you are installing this tunnel shield on a vehicle equipped with 4Motion, continue to the next page to continue your installation

INSTALLING THE TUNNEL BRACE

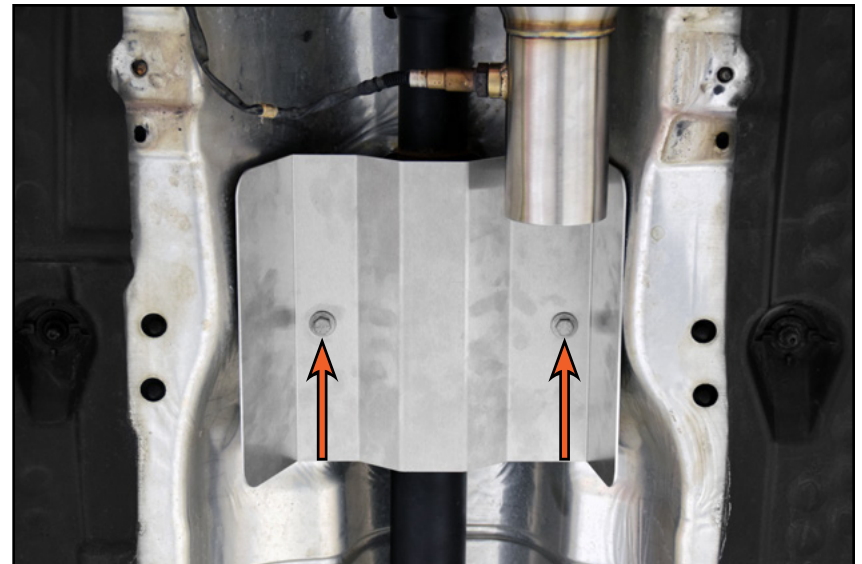
Step 3: 13mm Socket & Ratchet

Unclip the oxygen sensor wire (highlighted in **GREEN**) from the two clips in the heatshield. Remove the two bolts (arrows) which secure the factory heat shield to the underside of the vehicle, then loosen the two fasteners (circled in **RED**) and remove the heat shield.



Step 4: 13mm Socket & Torque Wrench

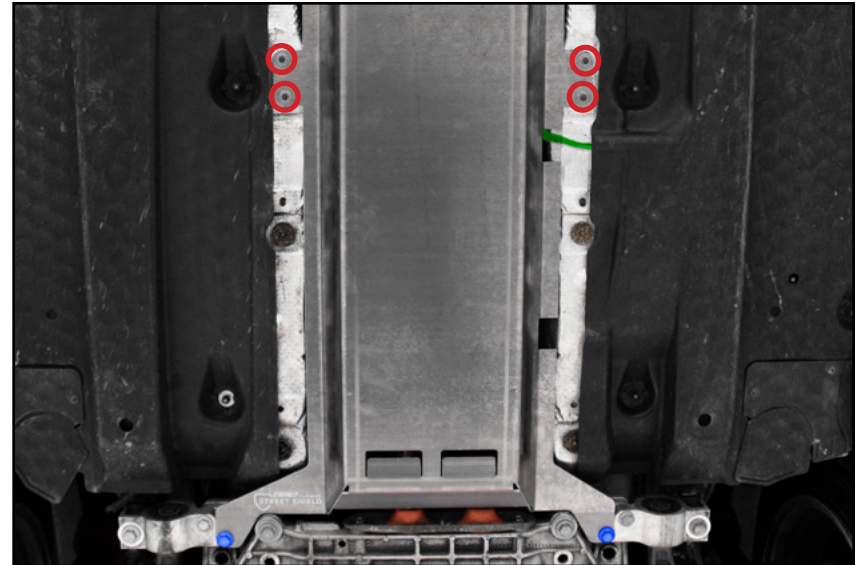
Lift the new heat shield into place and secure it using the provided bolts (arrows) and tighten it to 25 Nm (18 Ft-lbs).



INSTALLING THE TUNNEL BRACE

Step 5: 13mm Socket, 16mm Socket & Torque Wrench

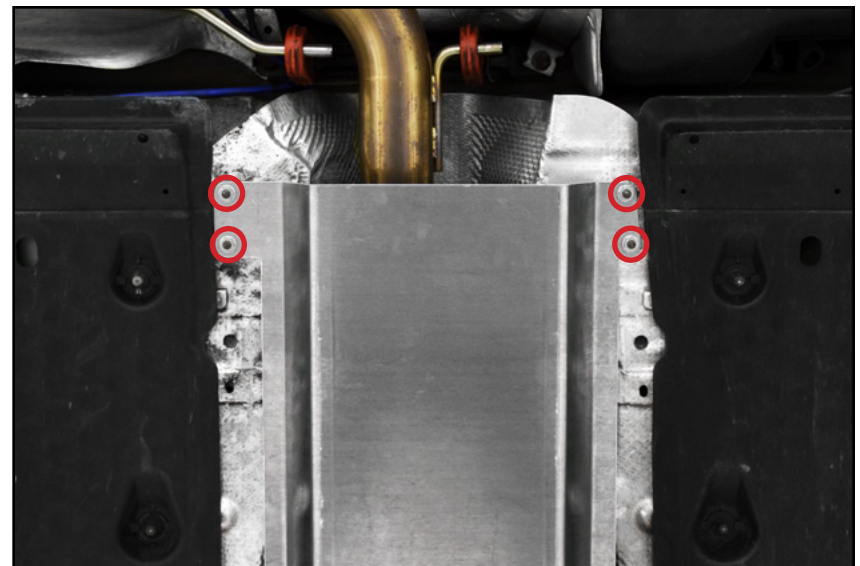
Lift the tunnel brace into place and install the four provided nuts (circled in **RED**) and tighten them to 20 Nm (15 Ft-lbs). Route the oxygen sensor wire (highlighted in **GREEN**) through the opening in the brace then install the two provided bolts (highlighted in **BLUE**) and torque them to 50 Nm (37 Ft-lbs) + 90° turn.



Step 6: 13mm Socket & Torque Wrench

Install the last four provided nuts (highlighted in **RED**) which secure the tunnel shield to the vehicle and tighten them to 20 Nm (15 Ft-lbs).

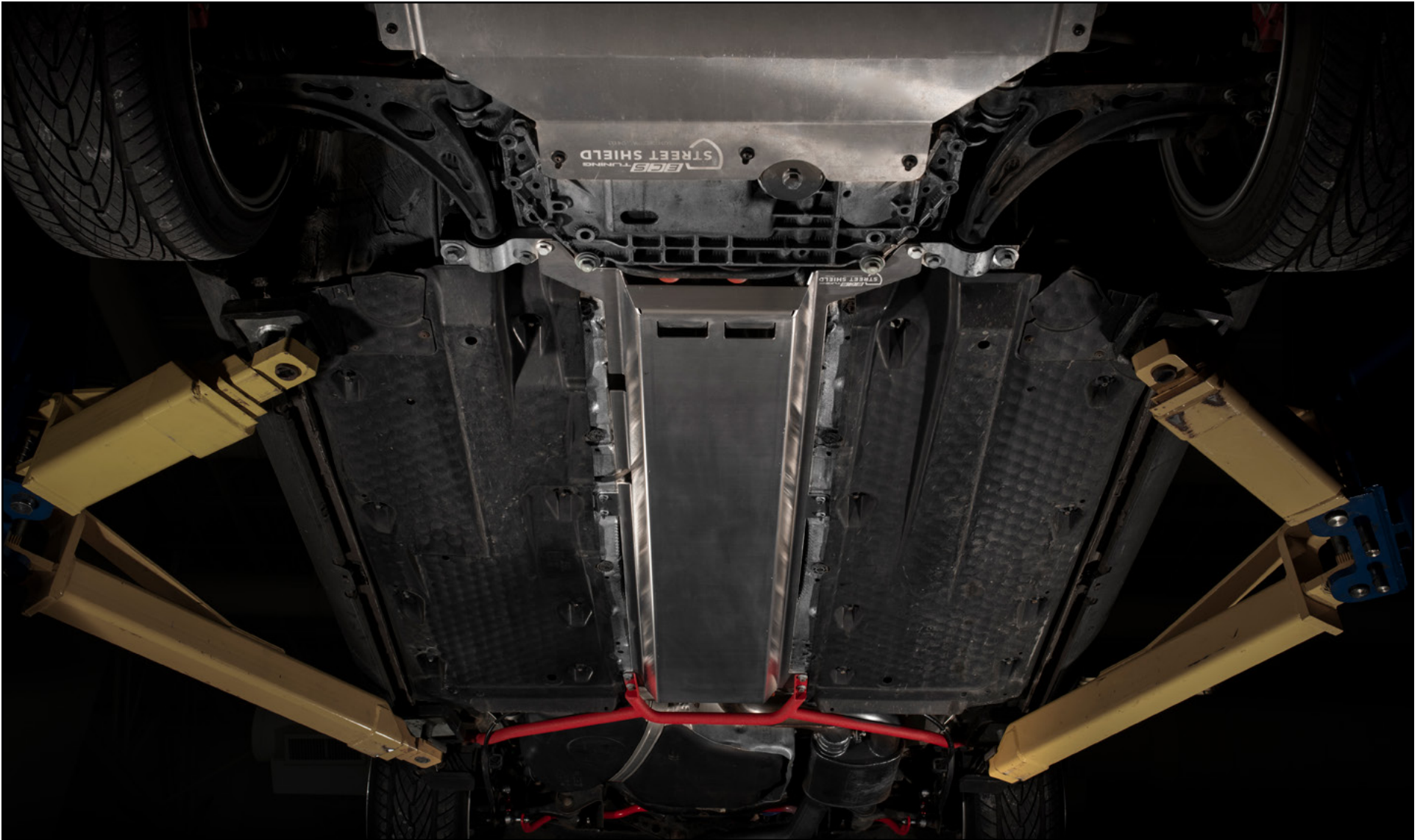
Congratulations, your installation is complete!



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Your Street Shield Tunnel Brace installation is complete!



These instructions are provided as a courtesy by ECS Tuning

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.

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