



VW MK4 1.8T Silicone EGR Hose 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.

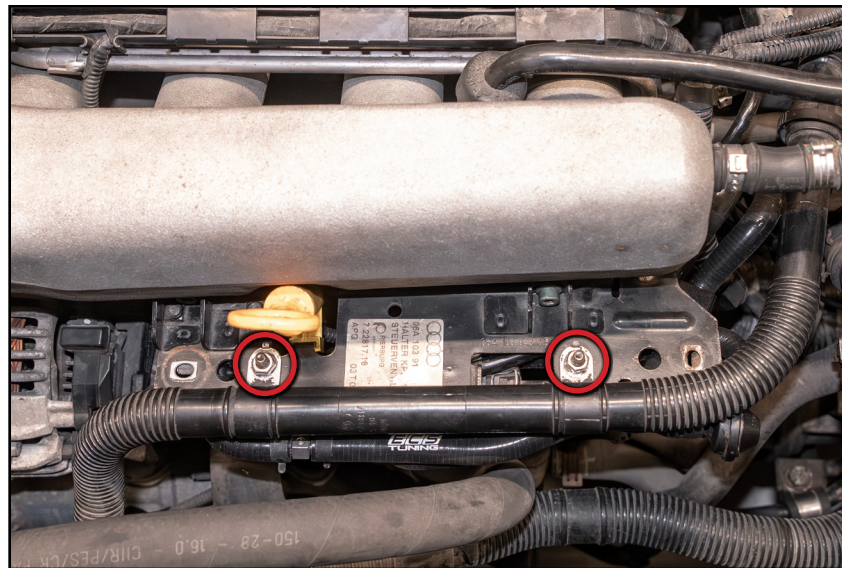


NEVER get underneath a vehicle that is supported only by a jack, and **ALWAYS** make sure that the vehicle is securely supported on jack stands.

REMOVING THE STOCK EGR HOSES

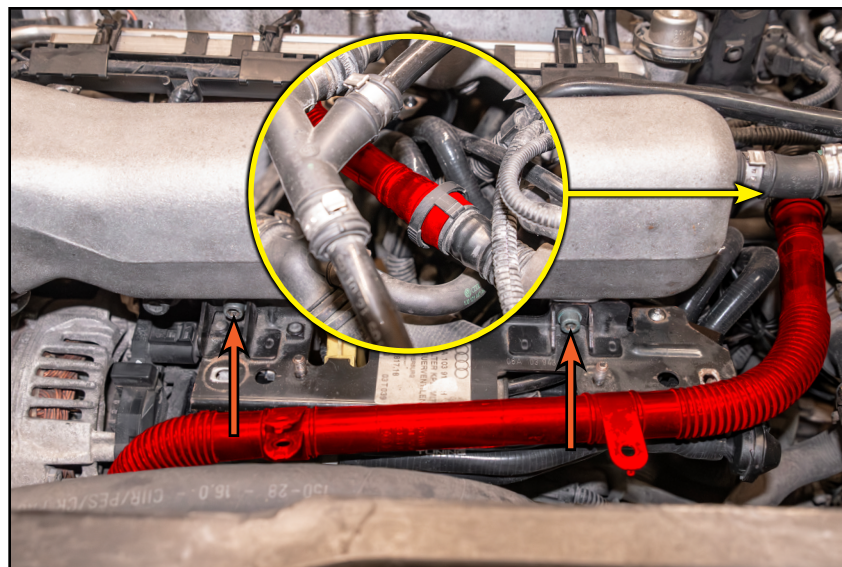
Step 1: 10mm Socket & Ratchet

Remove the plastic beauty covers, then remove the two nuts (arrows) that secure SAI tube to the solenoid mounting bracket under the intake manifold.



Step 2: 5mm Hex (Allen) Socket & Ratchet

Disconnect the SAI tube (highlighted in **RED**) from the fitting (as shown in inset photo) and carefully move it out of the way. Remove the two screws (arrows) to free the solenoid mounting bracket from the intake manifold.



REMOVING THE STOCK EGR HOSES

Step 3:

Carefully guide the solenoid mounting bracket free from the dipstick tube, then disconnect the connectors (highlighted in **RED** in **Photos #1 & #2**) for the EGR solenoids.



This install was conducted on a vehicle already equipped with our silicone EGR hose kit, your vacuum hoses appearance will differ.



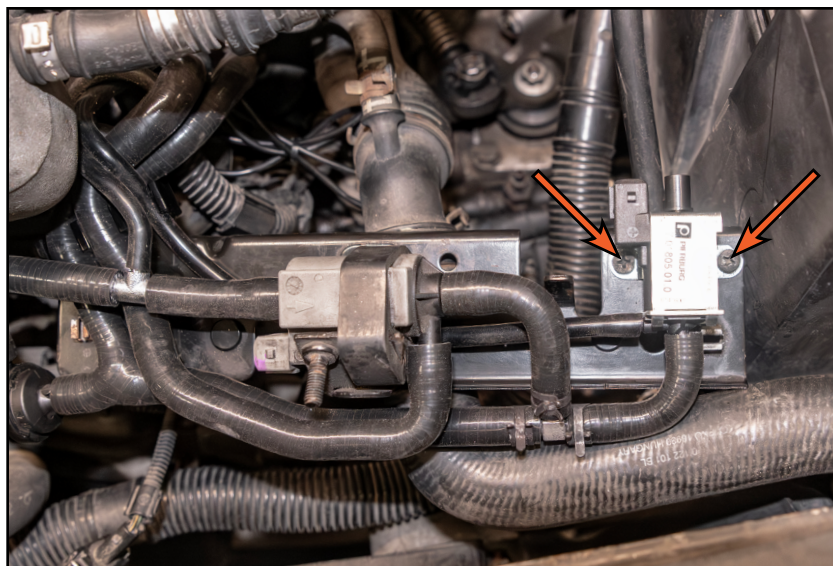
Step 4:

Phillips Head Screwdriver

Disconnect the EGR vacuum hoses from the fitting on the underside of the intake manifold and the three metal vacuum lines on the LH side of the engine. Remove the two screws (arrows) and slide the solenoids free from the mounting bracket, then remove the bracket, solenoids, and hoses from the vehicle.



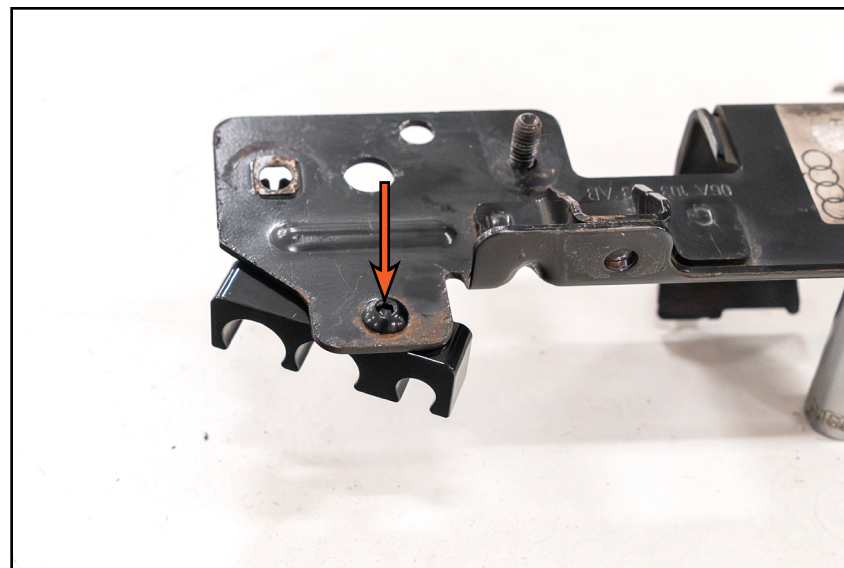
Removing the solenoids from the bracket is **optional**. The solenoids can remain in place to aid in hose routing.



INSTALLING THE NEW EGR HOSE KIT

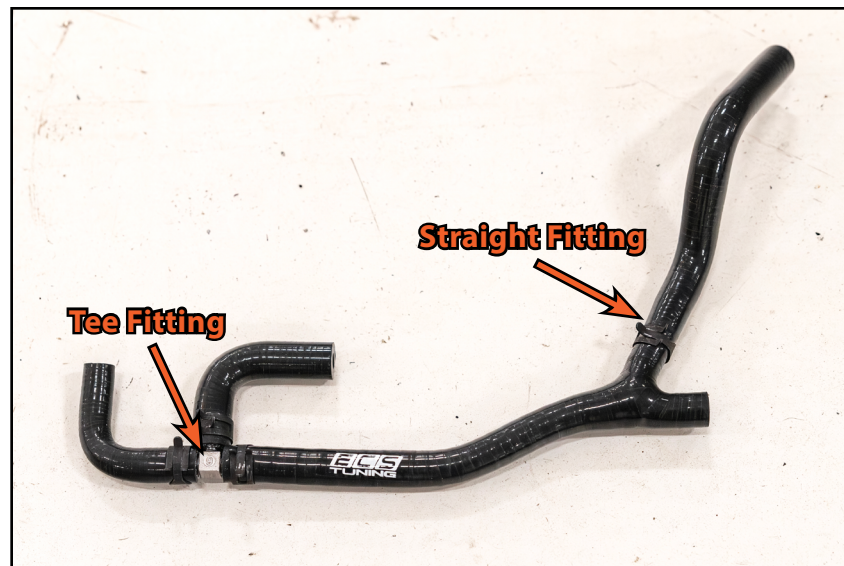
Step 1: 3mm Hex (Allen) Socket & Ratchet

Remove the plastic clip from the solenoid mounting bracket and replace it with the provided hose separator and screw (arrow) as shown.



Step 2: Hose Clamp Pliers

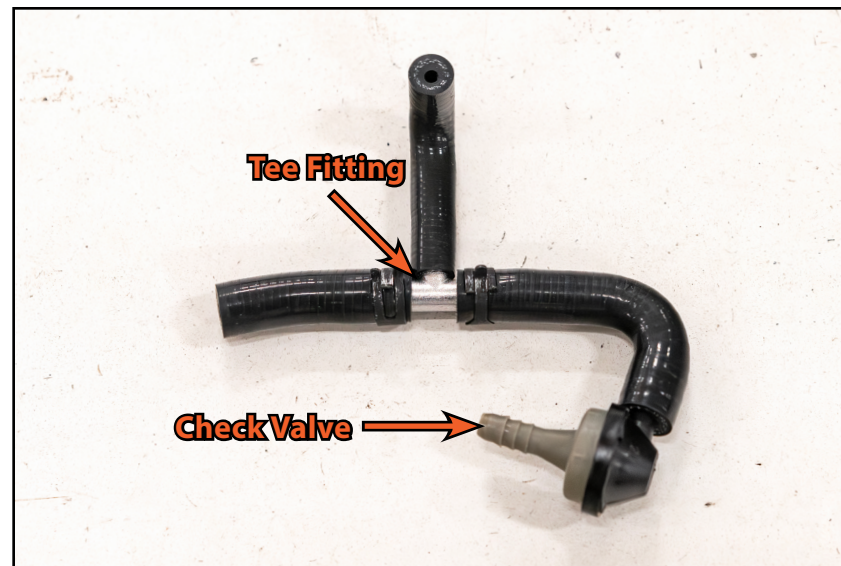
Assemble the first section of hoses using the provided tee fitting, straight fitting, and clamps as shown.



INSTALLING THE NEW EGR HOSE KIT

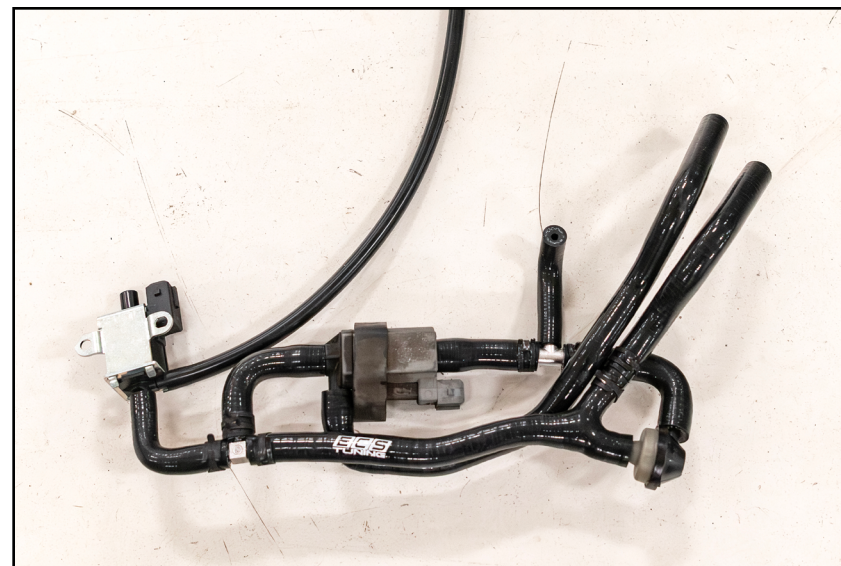
Step 3: Hose Clamp Pliers

Assemble the second section of hoses using the provided tee fitting, check valve, and clamps as shown.



Step 4:

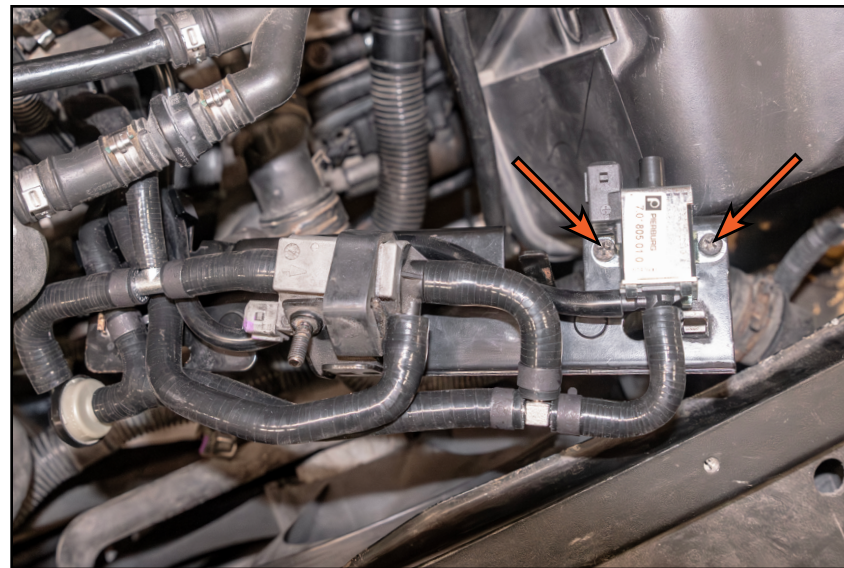
Assemble and route the hoses and solenoids as shown.



INSTALLING THE NEW EGR HOSE KIT

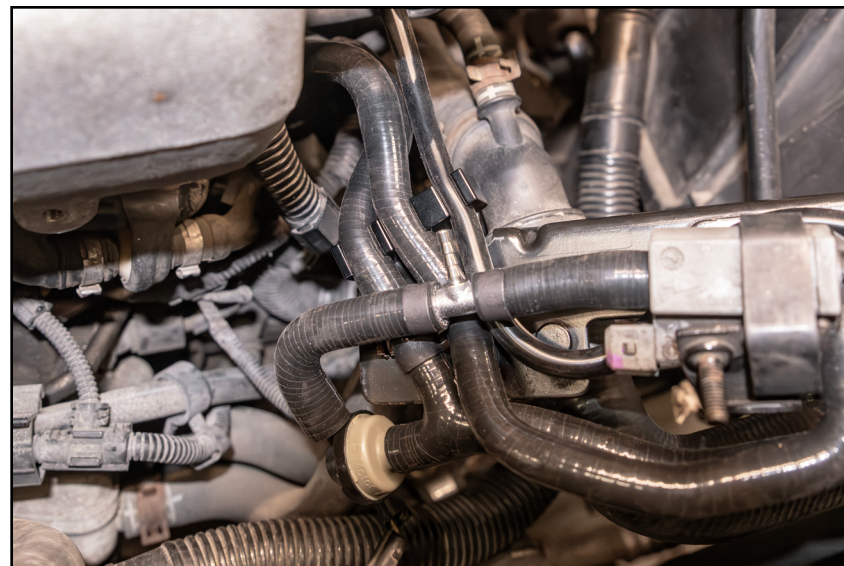
Step 5: Phillips Head Screwdriver

Reconnect the solenoids to the mounting bracket and reinstall the screws (arrows).



Step 6:

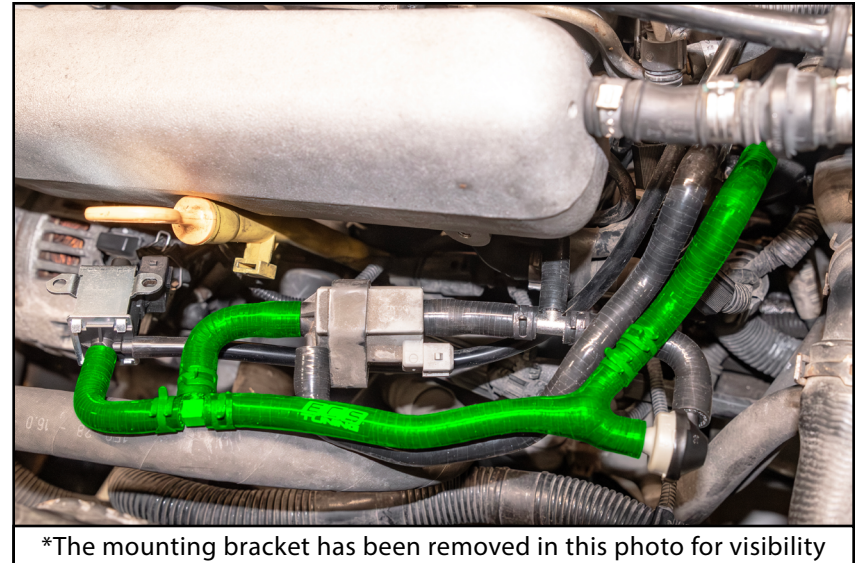
Push the hoses into the new hose separator on the underside of the mounting bracket as shown.



INSTALLING THE NEW EGR HOSE KIT

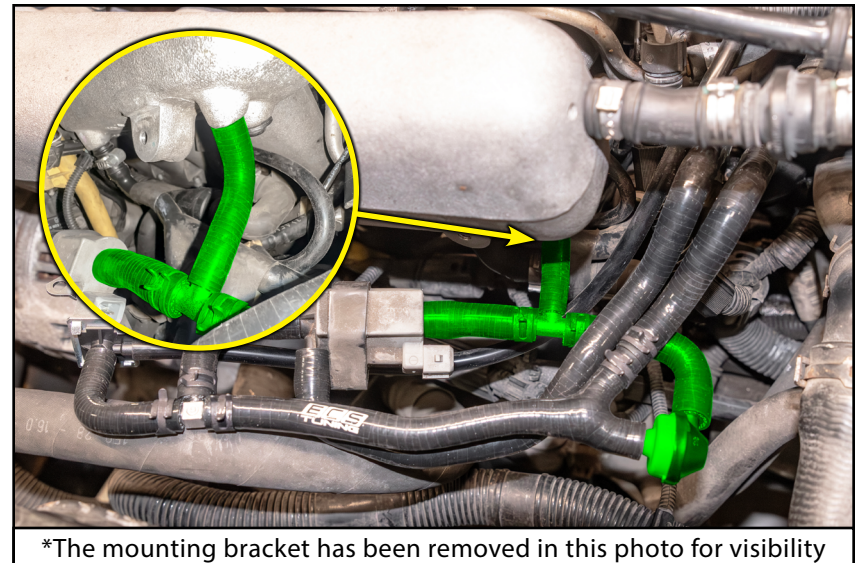
Step 7:

Connect the first hose assembly (highlighted in **GREEN**) to the LH metal EGR vacuum line as shown.



Step 8:

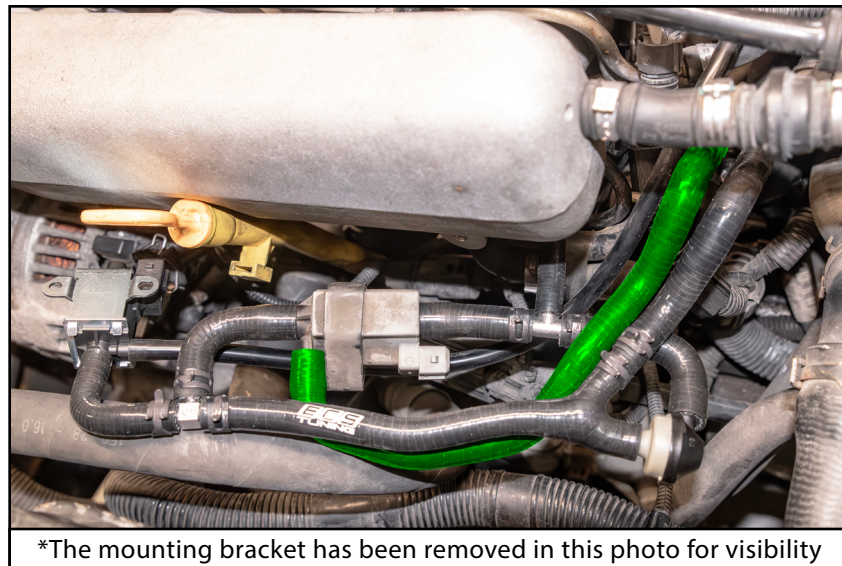
Connect the second hose assembly (highlighted in **GREEN**) to the port on the underside of the intake manifold as shown (inset photo).



INSTALLING THE NEW EGR HOSE KIT

Step 9:

Connect the vacuum hose (highlighted in **GREEN**) to the RH metal EGR vacuum line as shown.



Step 10:

Connect the smaller vacuum line (highlighted in **GREEN**) to the small metal vacuum line on the LH side of the engine.



INSTALLING THE NEW EGR HOSE KIT

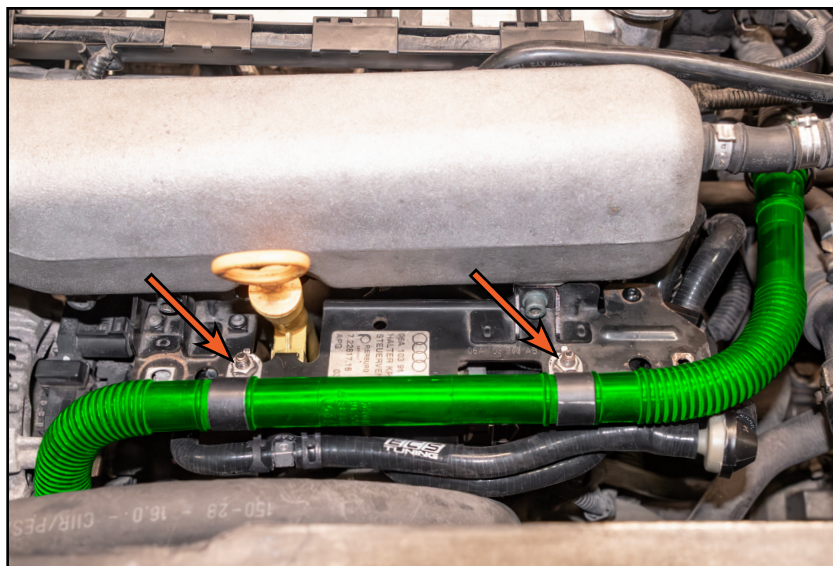
Step 11: 5mm Hex (Allen) Socket & Ratchet

Reconnect the EGR solenoid connectors (highlighted in **GREEN** in **Photos #1 & #2**) as shown, then guide the mounting bracket onto the dipstick tube and reinstall the screws (arrows in **Photo #2**).

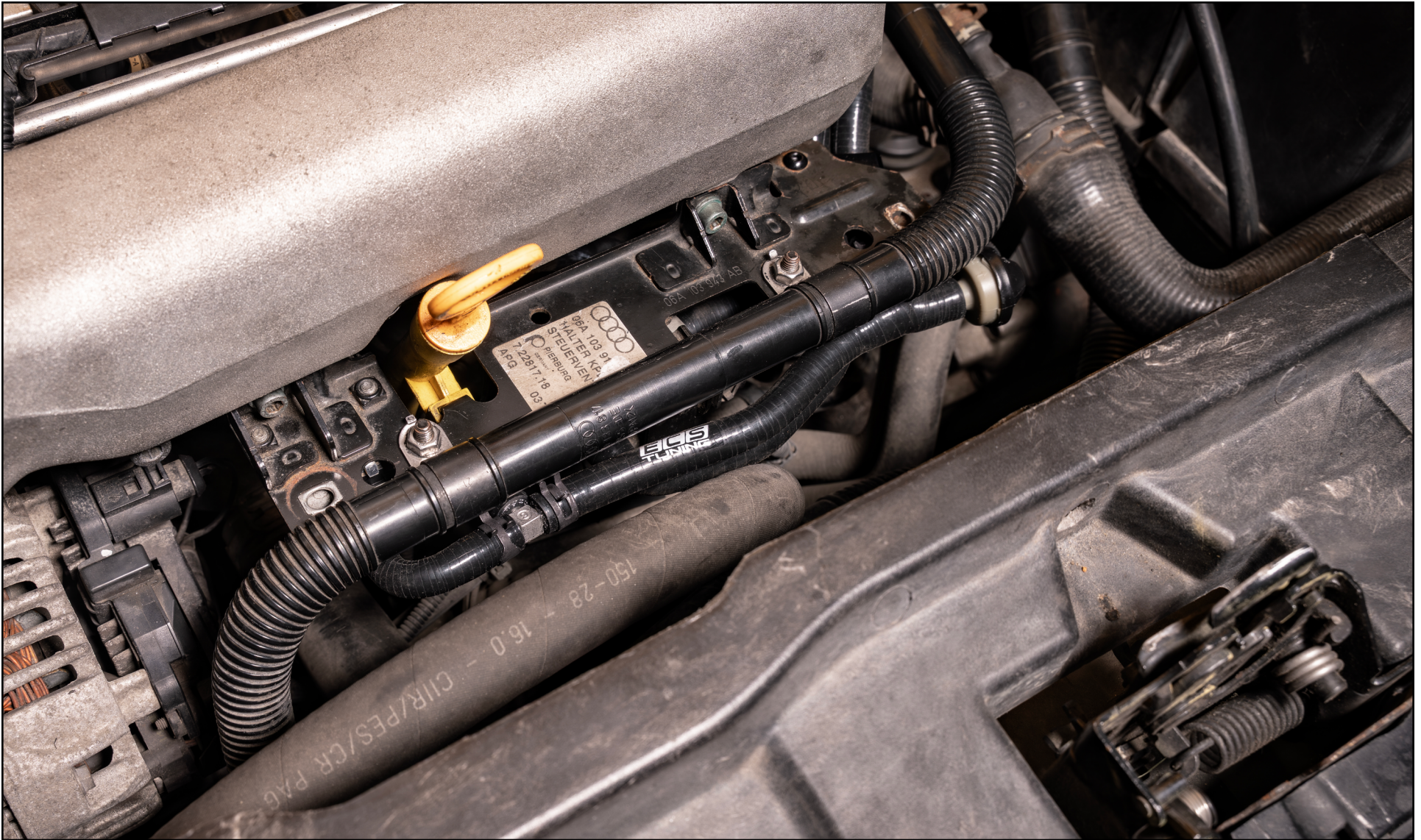


Step 12: 10mm Socket & Ratchet

Reconnect the SAI tube (highlighted in **GREEN**) and reinstall the nuts (arrows). Reinstall the plastic beauty covers.



Your Silicone EGR Hose Kit installation is complete!



These instructions are provided as a courtesy by ECS Tuning

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