

VAG BSG engine inlet manifold motor emulator installation

Step 1. Open the hood. Take off the engine cover. You should see something like this:



The inlet manifold flap motors are clearly marked. Undo the bolts and remove the flap connector. Remove them from the engine bay.



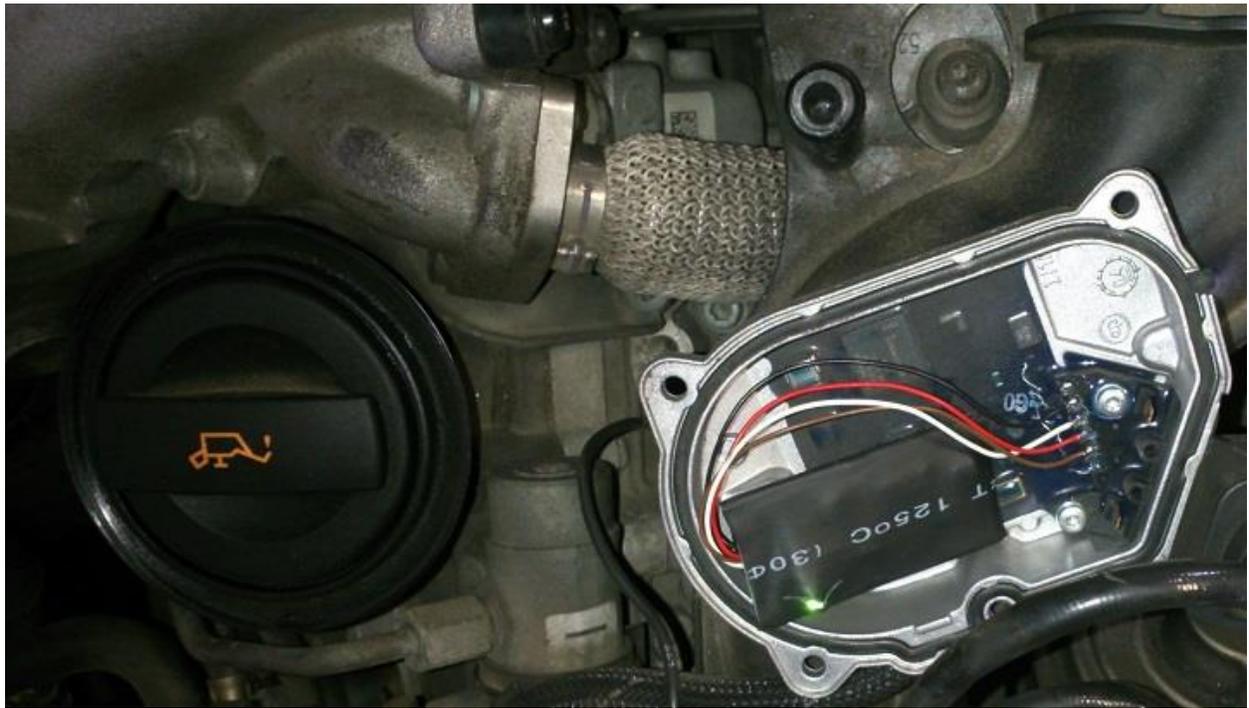
Step 2. You will need to take the apart in order to complete the installation. 4 bolts have to be unscrewed, unscrew them using a Torx T20.



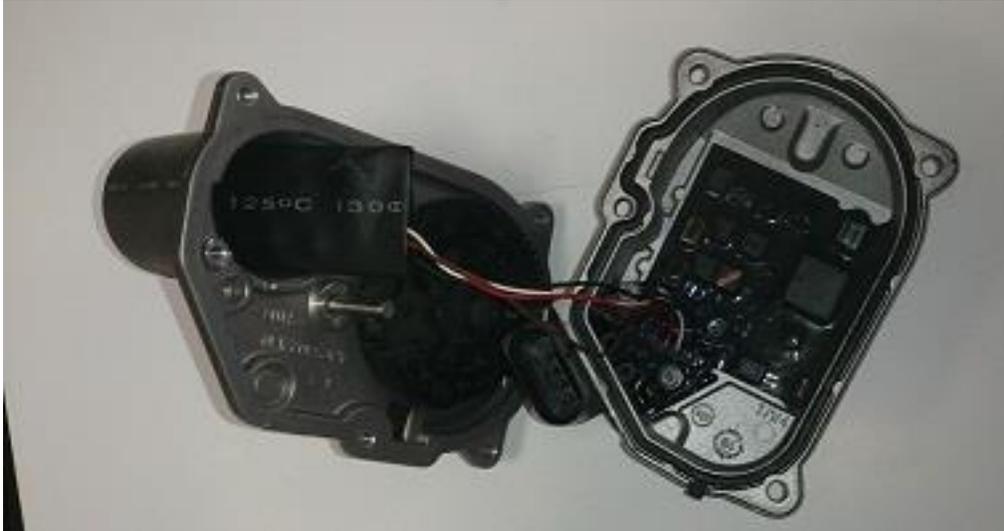
Step 3. Further disassembly is needed. You have to take the motor out by removing the little plastic cap that holds the rotor in place. Later you can remove the rotor which then lets you remove the motor itself by unscrewing two bolts.



Step 4. Take the top part (the one with the electronic connector). Disconnect the unnecessary wires. Then, using the provided schematics, you will need to solder the new wires onto the free slots.



Then use the free space where the motor used to be to accommodate the emulator.



Step 5. Assemble everything back in reverse order except the motor.

Step 6. Install the device back into the car. Use the diagnostic device to determine whether there are any faults present. If so, erase them. After that the installation is complete.

N.B. Please discard of the remaining parts safely without harming the environment.