



## Performance ECU Upgrade Installation Instructions

**Applies to:**  
**2005.5-2011.0 Volkswagen Golf/Jetta TDI and Similar**

This will guide you through the steps necessary to upgrade a vehicle with our ECU tuning service. If you have any questions, then please contact Malone Tuning Ltd. directly at [info@malonetuning.com](mailto:info@malonetuning.com) (recommended) or at 559-715-2242 (voice mail).

The vehicle needs to be in proper working condition before any modifications are done!

**Approximate Installation Time: 20 minutes**

### Tools Required



10mm wrench



Large flat-head screwdriver



Dremel

**Optional tool** (for re-installing OEM anti-tamper screws): 5.5mm wrench or socket.

## ECU Removal

Ensure that the engine is turned off and that the key is out of ignition. Engage the parking brake. Open the hood.

Pull out the long rubber moulding at the top of the firewall.



Use the **10mm wrench** to remove the two bolts or nuts underneath the lower windshield plastic cover.



Pull out the upper plastic firewall. The picture below may look different – it's because the large plastic engine cover was removed. That is not necessary for ECU access.



Use the **10mm wrench** to remove the two nuts that hold the ECU to your vehicle.



Pull the ECU out. Use a **Dremel** tool to cut a notch in each of the two anti-tamper screws. Use eye protection.



Use the **large flat-head screwdriver** to remove the screws.



**Tip:** The notches in the screws should be deep enough to ensure good traction with your screwdriver.



Use the **flat-head screwdriver** to pop open the ECU clamp.



Disconnect the ECU plugs. Pull the tabs on the sides. You can either use your hands or carefully use the **large flat-head screwdriver** to pry them open.



Installation is the reverse of removal. You do not have to re-install the ECU anti-tamper clamp and anti-tamper screws if you choose not to. Otherwise you will need a **5.5mm wrench or socket** to tighten new anti-tamper screws.

**That's it! You are now ready to enjoy improved performance in your vehicle!**