



## Performance ECU Upgrade Installation Instructions

**Applies to:  
2011+ Touareg 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



16mm wrench or socket **and**  
10mm wrench or socket



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.

Remove the windshield wiper nut covers.



Remove the windshield wipers with the **16mm wrench or socket**. Start removing the lower windshield plenum.



The windshield plenum is removed.



The ECU is held down by two 10mm nuts or two T30. Remove them and pull out the ECU.



Use a **Dremel** to cut notches in each anti-tamper screw. Use eye protection.



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



Use the large flat-head screwdriver to remove each anti-tamper screw. This will allow you to remove the ECU from its bracket.

Installation is the reverse of removal. You do not have to re-install all the anti-tamper ECU brackets or screws if you choose not to. Otherwise you will need a **5.5mm wrench or socket** to tighten new anti-tamper screws. Anti-tamper screws are available for around \$1 each at a VW or Audi dealer.

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