

## ECU Removal for 97-01 Audi A4, 98-01 Audi A6, 00-02 Audi S4, 00-01 Audi allroad and 98-02 VW Passat

### Approximate procedure time:

15-20 minutes

### Tools required:

Socket wrench  
8mm deep socket  
Medium flat blade screwdriver

### Procedure:

Pop the hood.

On 99.5 and later Audi A4s, S4s, A6s, and allroads, remove the black, flat perforated trim piece that runs in front of the windshield and wipers. First remove the rubber weather stripping in front of it by gently pulling on it towards the front of the car. Then remove the perforated trim by sliding forward and out.

In front of the driver side of the windshield there is a black box in the rain gutter. Its top is fastened down by 8mm head bolts. Remove bolts 1-4 in **Figure 1** using a socket wrench and deep 8mm socket.

(Points A, B and 5 refer to 2002 A4 application).

Pull up the cover of the black box with one hand. You will see the ECU inside. It is silver and has 2 big wiring harnesses going into it. With a flat head screwdriver in the other hand, pop off the metal retainer clip going across the ECU. Insert the screwdriver in the end of the clip as in **Figure 2** and rotate it in the direction of the arrow to release the clip.

Gently pull the ECU out of the black box, towards the front of the car.

With the key out of the ignition, pull the "T" shaped handles on the harness connectors outwards from each other, towards the sides of the vehicle. There are two connectors and it does not matter which one is released first.

The ECU will now be free from the car. Please download our Order Form under the FAQ section of our website for instructions on how to ship the ECU to us for chipping.

Installation is the reverse of removal. **Before restarting the engine, turn the key to the "on" position and leave it there for 2 minutes while the ECU recalibrates the throttle-body.**

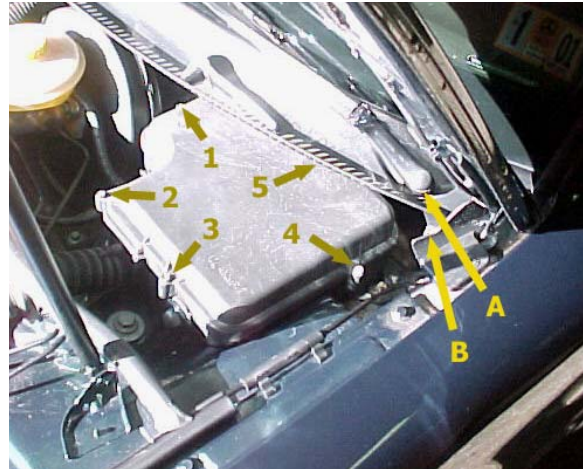


Figure 1: Location of ECU housing and bolts

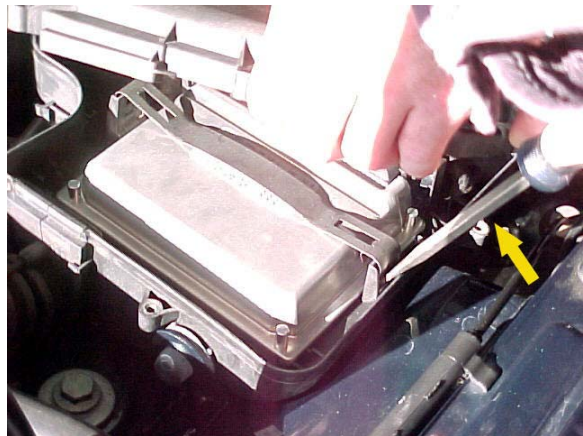


Figure 2: ECU metal retainer clip



Figure 3: Releasing wiring harnesses

*If you have any questions, please do not hesitate to contact us!*