



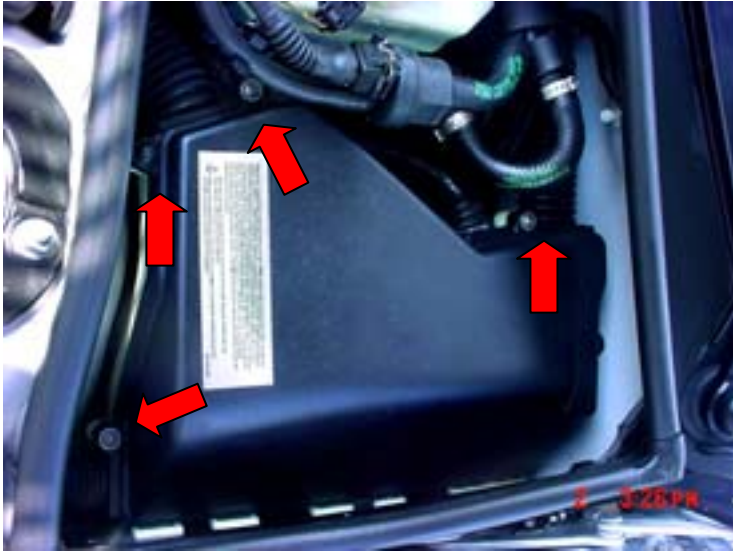
## BMW E46 M3 2001- ECU removal for software upgrade

**Tools required:** Torx T25  
Allen Wrench 5mm  
Pliers

**Procedure done inside the engine bay area:**



**This is the location of the  
engine ECU**



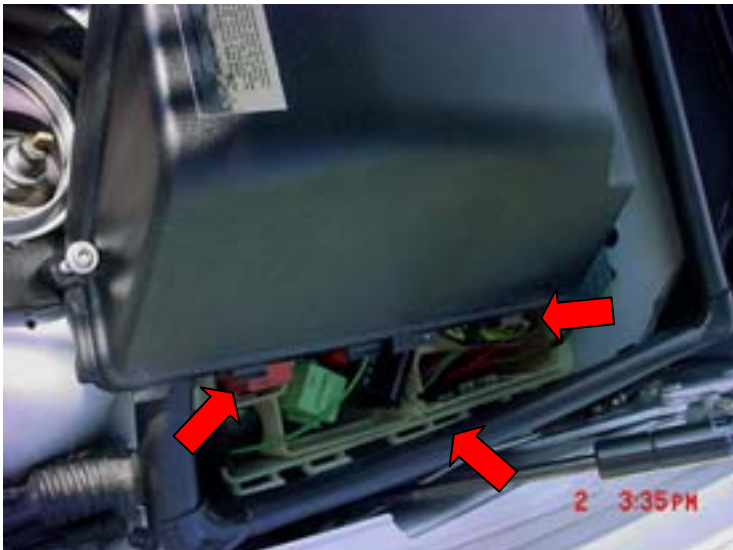
Unscrew cover using either a Torx T25 or a 5mm allen wrench.



Some ECU use either a Torx 25T or 5mm Allen.



**Remove ECU cover**



**Continue removing ECU cover, the cover is hinged at the bottom.**

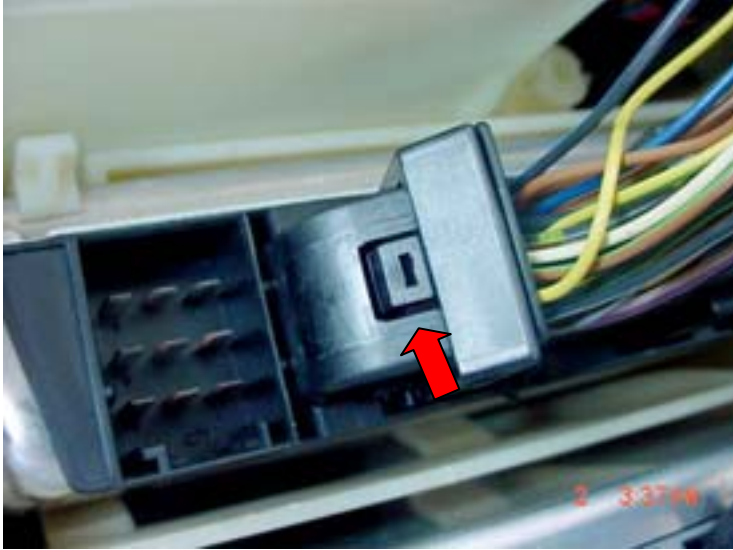


**This is the engine ECU to remove.**

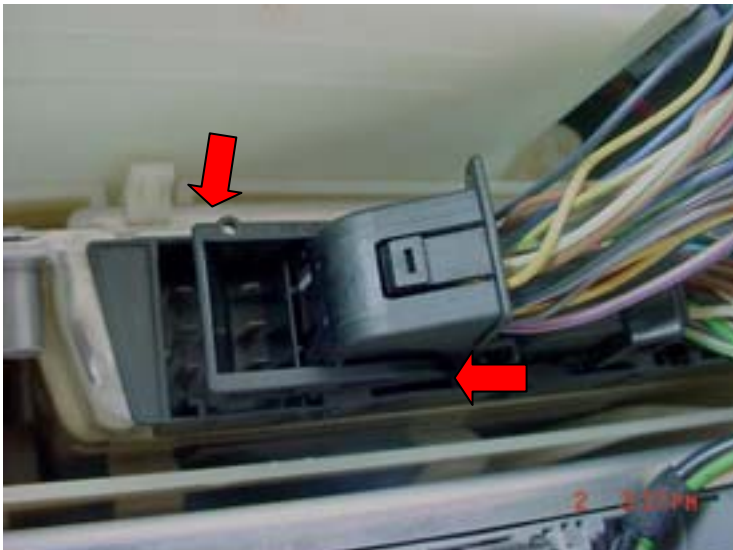


**Connectors need to be released.**





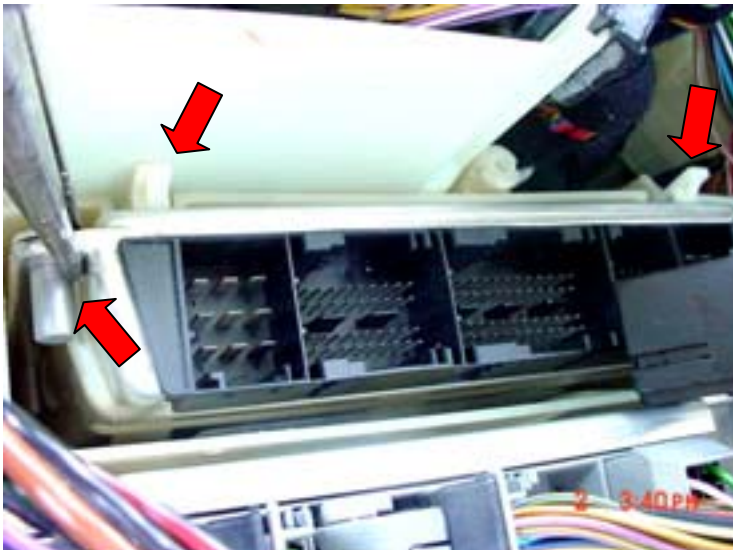
**Push down on pin to  
release lock.**



**Slide lock away, then  
down.**



**With slide lock out of the way, now pull connector up and out.**



**Here is the ECU without connectors.**

**Release the (2) white tabs that are holding the ECU in position.**

**The ECU can now be removed.**

**If experiencing difficulty to remove ECU from casing, try using a pliers to hold the ECU. as shown to remove .**



Your engine ECU should look like this.



Your ECU should have similar marking showing:

**Siemens DME MSS54.**

Package the ECU properly and fill out the ECU form shown below when sending your ECU to Active Autowerke. This form helps ensure that the correct ECU is shipped back to the correct vehicle.



Customer's Name:

Shop's Name:

Address:

Address:

City:

State:

City:

State:

Phone:

Phone:

Alt. Phone:

Contact Person:

Ship ECU to: (circle one)

Owner

Shop

Invoice # \_\_\_\_\_ Model: \_\_\_\_\_ Prod Date: \_\_\_\_\_ Trans: \_\_\_\_\_

V.I.N. # \_\_\_\_\_ Engine Type: \_\_\_\_\_

Please list any performance upgrades:

---

---

---

Please ship your ECU to:

**Active Autowerke**  
**9940 S.W. 168 Terrace**  
**Miami, FL 33157**  
**USA**

It is advisable to insure this package with the carrier of your choice for a value of approximately \$1,000.00 USD.

**International Customers are responsible to pay for all customs and duty charges.** Instructions on the air bill should indicate this. If not, Active Autowerke has the right to refuse the package, or assess an estimation of the charges and will not release the reprogrammed ECU until payment has been received.

*Please note, when filling out the commercial invoice, it is advisable to indicate that the ECU is sent to Active Autowerke for repairs only; if not, the duty charges might be assessed at \$1,000.00 USD .*