

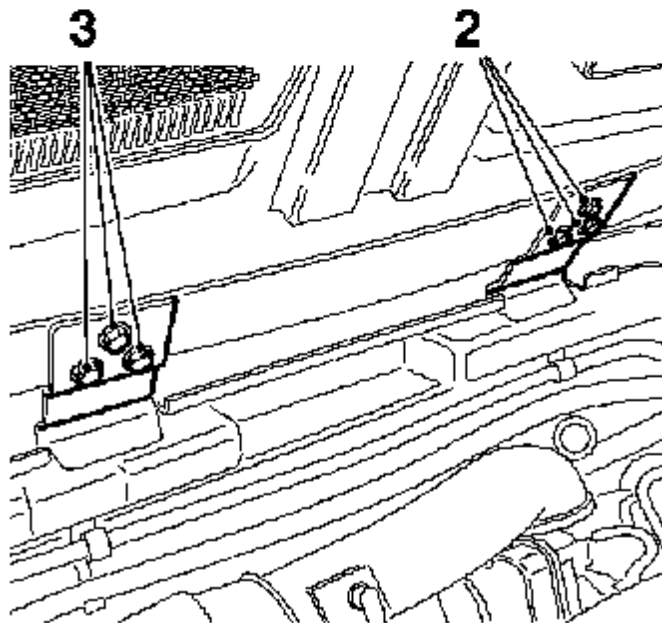
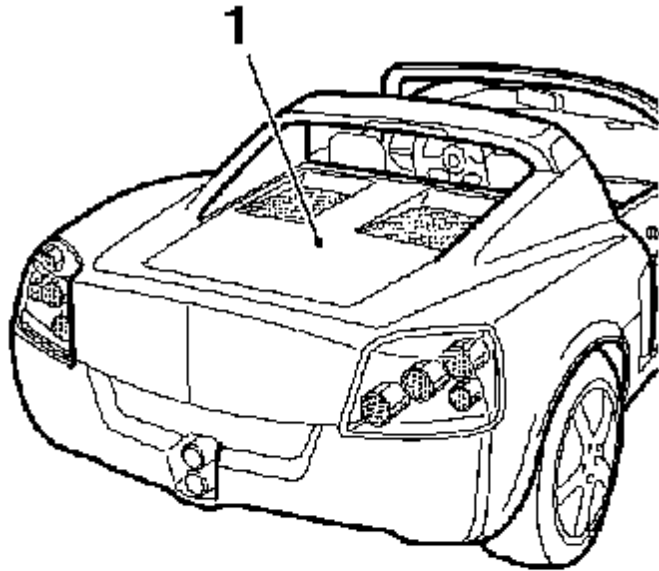
Engine Control Unit, Remove and Install

Note: When replacing or transferring the engine control unit, reset the security code with TECH 2 prior to removal – refer to the relevant vehicle system test manual.



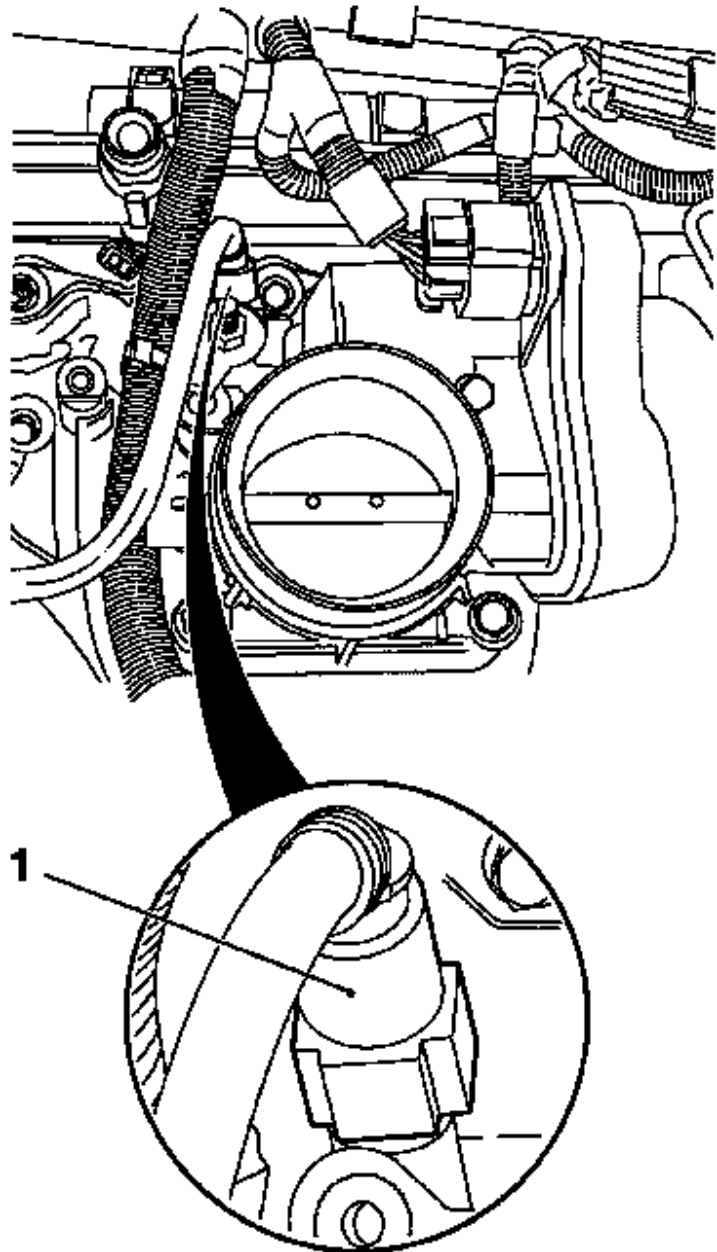
Remove

1. Open the bonnet.
2. Disconnect the battery.
3. Open the rear engine cover (1).
4. Detach the engine cover.
 - 6 bolts (2) and (3)



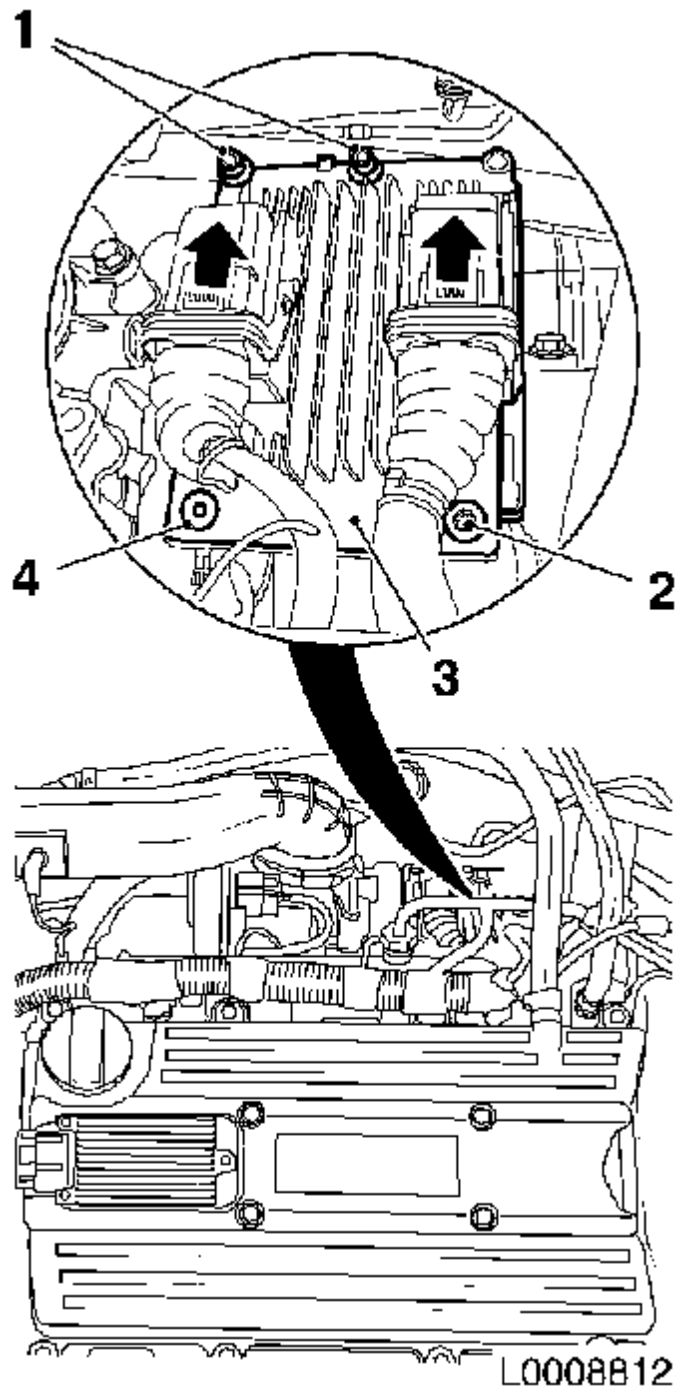
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5. Detach the tank breather valve line (1).
 - From the intake manifold.
 - Reposition the line to one side.

**L 5997**

6. Drill out the shear bolt (4).
 - Centre-punch
 - Pre-drill
 - Use a 3 mm drill.
 - Max. depth 10 mm
 - Drill out
 - Use a 6.5 mm drill.
 - Until the head of the bolt comes free.
7. Remove retaining bolt (2).
8. Remove the bridge piece (3).

- Reposition the ground cable to one side.
9. Remove the retaining bolts (1).
 - 2 bolts
 10. Take out the engine control unit.



11. Clean the engine control unit.
- Clean the engine control unit and the plug contacts with compressed air.



Install

12. Install the engine control unit.
- 2 bolts
 - Tightening torque **9 Nm**
- Attach and secure the wiring harness connector.
- Note:** Check for proper seating and good electrical contact.
- Attach the bridge piece with a new shear bolt.

- Route the ground cable.
- 1 bolt
 - Tightening torque **10 Nm**
- 13.** Connect the tank breather valve line.
 - To the intake manifold
- 14.** Attach the engine cover.
 - 6 bolts
 - Check the alignment.
 - Tightening torque **14 Nm**
- 15.** Close the rear engine cover.
- 16.** Connect the battery.
- 17.** Reprogram the volatile memories.
- 18.** Close the bonnet.