

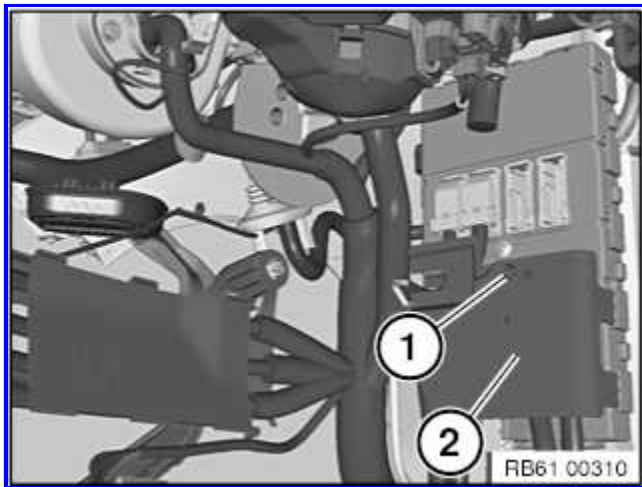
61 35 270

Remove and install (replace) control unit Front Electronic Module (FEM)

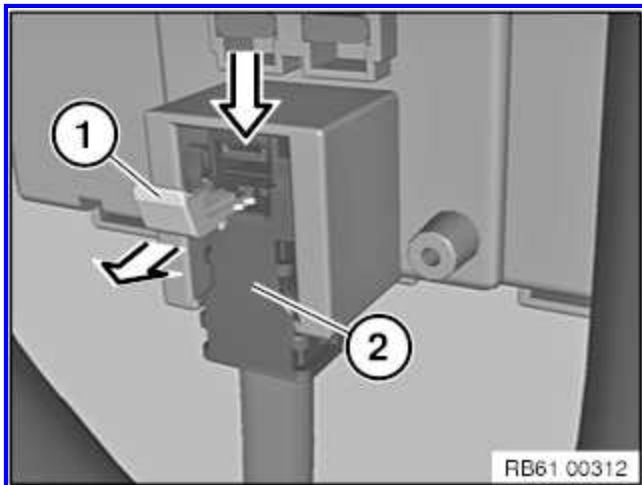


Necessary preliminary tasks:

- Clamp off [battery lead from negative connection point](#)
- [Remove](#) side trim panel from footwell on right A-pillar



Release screw (1) and remove cover (2).



Important!

Risk of damage to positive battery cable connector!

Unlock the positive battery cable connector:

1. Loosen lock (1) in direction of arrow.
2. Unlock top positive battery cable connector (2) in direction of arrow.
3. Disconnect battery positive lead (2).

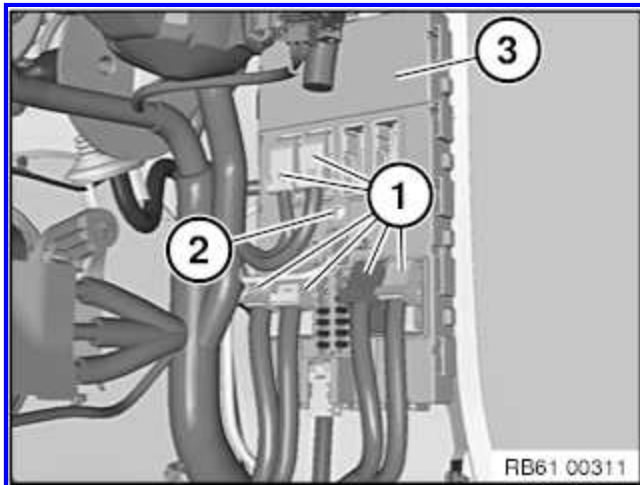
Unlock plug connections (1) and disconnect.

Release bolt (2) and remove control unit (3).

Tightening torque [61 35 5AZ](#).

Installation note:

Make sure all plug connections are correctly latched.



Replacement:

The front electronic module (FEM) makes functions available from the former control units FRM, CAS, JBE and ZGM. After the FEM is replaced, it is therefore necessary to start up the integrated central gateway module (ZGM); during this process, the configuration of the vehicle and the connection in FlexRay is learned in again. An adjustment also needs to be performed on the electronic transmission control (EGS) and electric steering lock (ELV) after the FEM is replaced. In this case, the FEM transfers the individual code to the EGS or ELV. After the FEM is replaced, it is absolutely essential for all ID transmitters (ignition keys) to be re-initialised.

Carry out [vehicle programming/coding](#).