

AUTO & TRUCK ELECTRONICS

Removing the battery lead

Caution: Disconnect the battery negative lead. Never remove the positive lead in the engine compartment.

- If the malfunction indicator lamp (MIL) lights, read off the diagnostic trouble codes (DTC'S) for the engine management system. If necessary, remedy any faults before cutting the power to the car.
- Wait at least five minutes after switching off the ignition before cutting power to the car. This is so that there is sufficient time for information to be stored in the control modules.

Installing the battery lead

Note: From chassis number 29668 inclusive, initializing of the central locking, interior lighting and sun roof must be carried out by locking and unlocking the car using VGLA . Initialization can also be carried out using the VADIS .

Warning: The ignition must be in position II during installation. Then reconnect the battery negative lead. Ensure that nobody is in the car when the battery is being connected.

Note: Only for the S80 after chassis number 29668
When the battery has been disconnected, the upper electronic control module requires an unlocking signal from the remote control, the lock button on the upper electronic module or from a key in the door lock.

Note: The interior lighting will not function if the upper electronic control module does not receive this signal.

Engine

- When the battery has been disconnected, the car may have to be driven for a few minutes before the engine runs normally.

Fan

- If the car is equipped with Manual (MCC) or Standard climate control, the blower fan speed must be recalibrated if the battery has been disconnected
- Ignition on
- Turn the blower fan switch to maximum
- Turn the blower fan switch to minimum

Sun roof

Sun roof

- The sun roof must be closed
- Press the sun roof switch so that the sun roof is in the tilt position
SYMBOL
- Release the switch
- Press the button again for at least five seconds
- Release the switch
- Calibration is complete

ABS MODULE REMOVAL INSTRUCTIONS;

Preparation

Disconnect the battery lead

See Note when disconnecting / connecting the battery lead . **ABOVE**

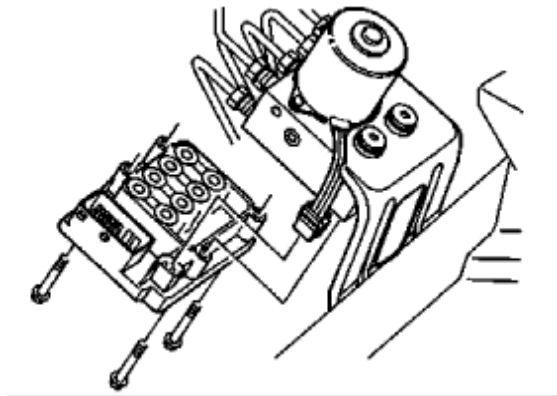
Preparations for replacement

Remove the air cleaner (ACL) housing

Remove the integrated relay fuse box.
Remove the connector for the ABS unit

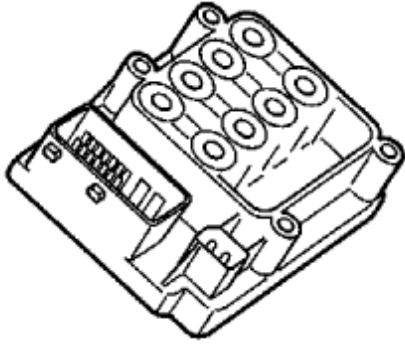
Remove the control module

Remove:



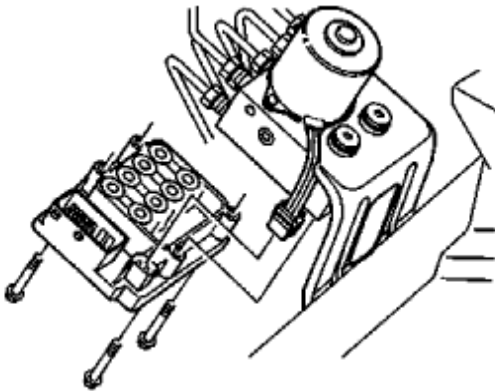
- the pump motor connector
- the four screws. Use a **6 mm** torx external socket. Carefully lift the control module.

Check the control module



- that none of the pins or sockets on the connector are damaged
- that there are no contaminants on the mating surfaces between the control module and the ABS hydraulic modulator
- that no part of the control module seals remain on the ABS hydraulic modulator valves.

Install the control module on the ABS hydraulic modulator



Center the control module on the ABS hydraulic modulator valves before the valves are pushed into place.

Install:

- the control module. Tighten to **1.8 Nm**
- the connectors for the pump motor and the control module
- the air cleaner (**ACL**) housing.
- the integrated relay / fuse box..

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