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Location

N3/10 ME control unit

The ME control unit is located on the left at the air filter housing.



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Task

Engine control (SIM 4KE) is contained within the ME control unit.

The abbreviation SIM 4KE means:

S = **Siemens**

I = **Integrated**

M = **Engine control**

4 = **4-cylinder**

KE = **Port injector**

The following systems are controlled and coordinated by the ME control unit:

- Ignition system
- Injection system
- Electronic accelerator/cruise control/idle speed control
- Diagnosis and fault storage
- Drive authorization system/immobilizer
- Emission control system

Design

The housing of the ME control unit is manufactured from aluminum and is watertight. The housing contains the measuring and control electronics of the engine control.