

Description of Components

Engine Control Unit

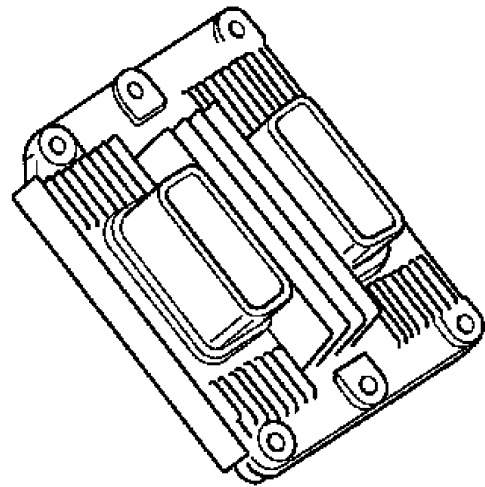
The engine control unit is mounted on the intake side of the engine and performs the following tasks:

- Evaluates electrical signals from the various sensors.
- Calculates the injection quantity and time.
- Transmits commands to the actuators.

The operating conditions of the engine depend on various variables. Therefore, the engine control unit has characteristic maps stored for use in allocating the ideal values for the injection quantity and time, depending on the relevant variables (temperature, pressure, throttle valve position, etc.).

The calculations for the various regulation and control procedures are processed by a microprocessor in the engine control unit.

Electrical connections to the engine control unit are made through a multiway socket and a multiway plug.



T 9373

• Service

The engine control unit is programmed by means of TECH 2.