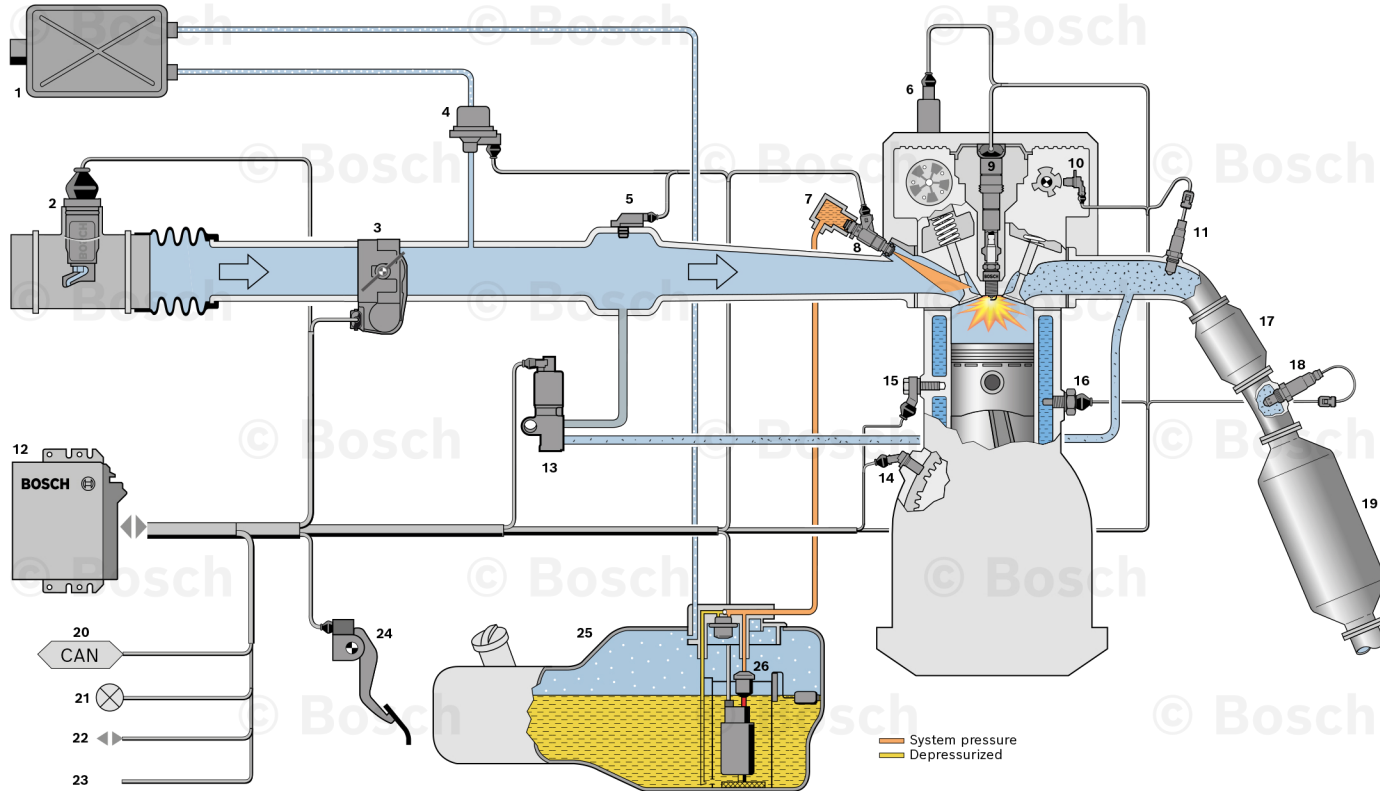


ME-Motronic Engine Management

System overview: ME-Motronic (intake-manifold injection)



- 1 Activated charcoal canister
- 2 Hot-film air-mass meter with integrated temperature sensor
- 3 Electronic throttle device
- 4 Canister-purge valve
- 5 Intake-manifold pressure sensor
- 6 Actuators for variable camshaft control
- 7 Fuel rail
- 8 Fuel injector
- 9 Ignition coil with attached spark plug
- 10 Camshaft sensor
- 11 λ oxygen sensor upstream of primary catalytic converter
- 12 Engine ECU
- 13 Exhaust gas recirculation valve
- 14 Speed sensor
- 15 Knock sensor
- 16 Engine-temperature sensor
- 17 Primary catalytic converter (three-way catalytic converter)
- 18 λ -oxygen sensor downstream of primary catalytic converter
- 19 Main catalytic converter (three-way catalytic converter)
- 20 CAN interface
- 21 Fault lamp
- 22 Diagnosis interface
- 23 Interface to immobilizer control unit
- 24 Accelerator-pedal modul with pedal-travel sensor
- 25 Fuel tank
- 26 In-tank unit with electric fuel pump, fuel filter and fuel pressure regulator