

- 1 Air filter
- 2 Air mass flow sensor with intake air temperature sensor
- 3 Turbocharger
- 4 Oxidations catalyst
- 5 Wastegate
- 6 Accelerator pedal
- 7 Accelerator pedal sensor
- 8 Coolant temperature sensor
- 9 Crankshaft signal sensor 10 Rail pressure sensor
- 11 Engine control unit (ECU)
- 12 Tank sensor
- 13 Fuel tank
- 14 Hand pump
- 15 Fuel filter
- 16 High pressure pump a Pressure control valve b High pressure pump c Volume control valve

d Low pressure pump

- 17 Preglowing relay
- 18 Fuel temperature sensor
- 19 Rail

- 20 Injector
- 21 Camshaft signal sensor
- 22 Vacuum pump
- 23 EGR-valve
- 24 Electro-pneumatic converter FGR-valve
- 25 Throttle
- 26 Electro-pneumatic converter throttle
- 27 Exhaust gas temperature sensor (upstream turbine)
- 28 Particulate filter
- 29  $\Delta p$  sensor
- $30 \lambda$  -sensor
- 31 Boost pressure sensor