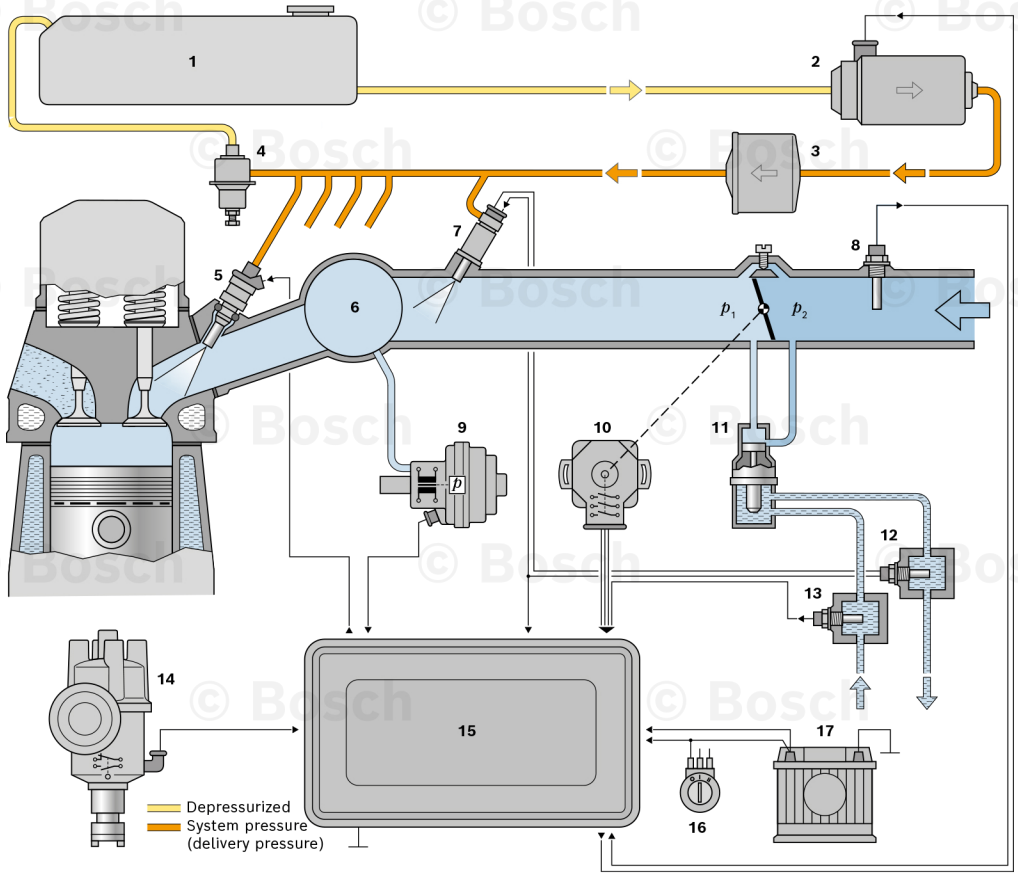
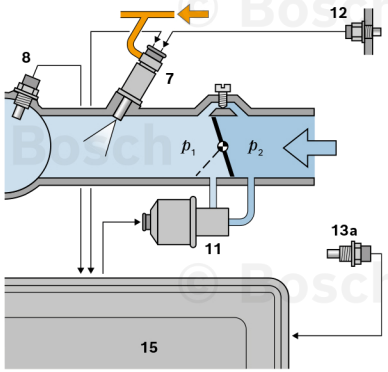
D-Jetronic Gasoline Injection System

D-Jetronic system overview



Configuration of a D-Jetronic with air-cooled engines



1 Fuel tank
2 Electric fuel pump
3 Fuel filter
4 Fuel-pressure regulator
5 Fuel injector
6 Intake manifold
7 Cold-start valve
8 Air-temperature sensor
9 Manifold pressure sensor
10 Throttle valve with throttle-valve switch
11 Auxiliary-air device (optional with electrical heater)
12 Thermo-time switch
13 Coolant temperature sensor
13a Engine-temperature sensor in the cylinder head
14 Ignition distributor with pulse generator
15 Electronic control unit (ECU)
16 Ignition/starter switch
17 Battery

p_1 Intake manifold pressure
p_2 Atmospheric pressure

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