

Gasoline direct injection

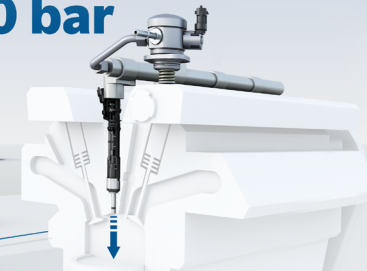


BOSCH
Invented for life

More power, more efficiency,
more driving dynamics

up to
350 bar

Gasoline



Powertrain and electrified mobility

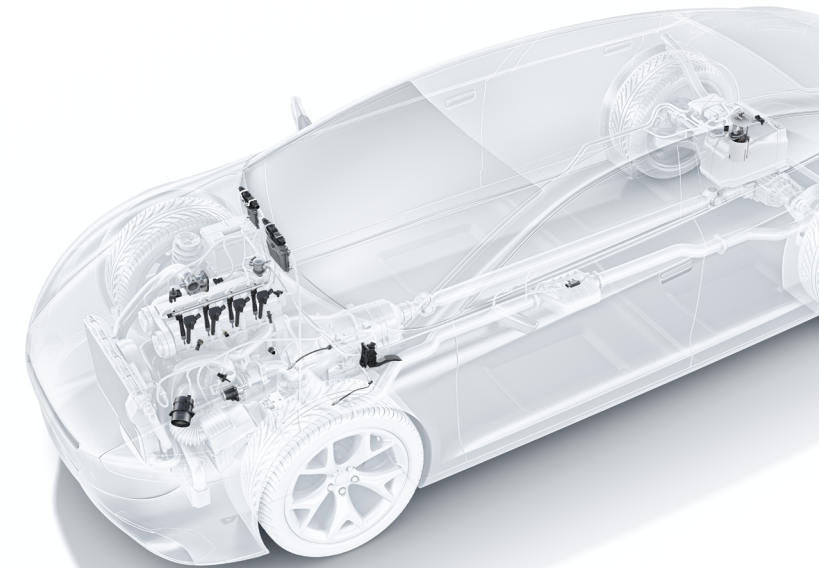
Key technology with great potential

dynamic

improved responsiveness and more dynamic handling due to an increase in torque at low engine speeds (high low-end torque)

efficient

reduced fuel consumption and CO₂ emissions at the same power output due to downsizing and turbocharging



- ▶ In 1951, Bosch launched gasoline direct injection and has been the technology's trailblazer ever since
- ▶ It is the key to efficient and economical engines featuring reduced fuel consumption and emissions with enhanced driving dynamics
- ▶ Engines with direct injection generate the air-fuel mixture in the combustion chamber itself
- ▶ The Bosch portfolio includes fuel supply, fuel injection, air management, ignition, engine management and exhaust-gas treatment