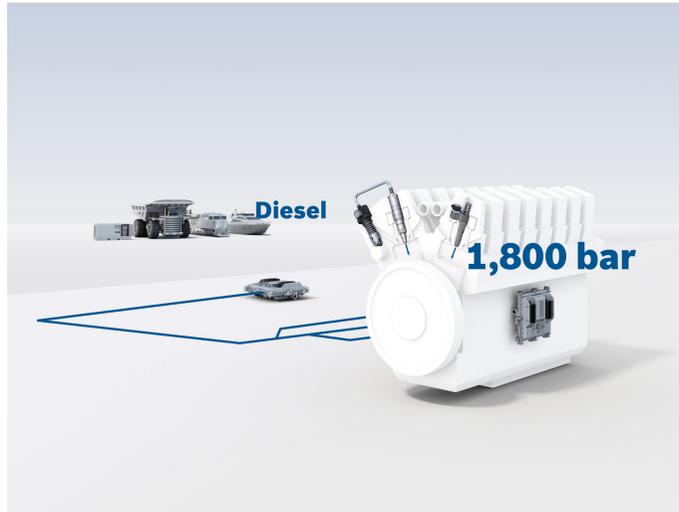
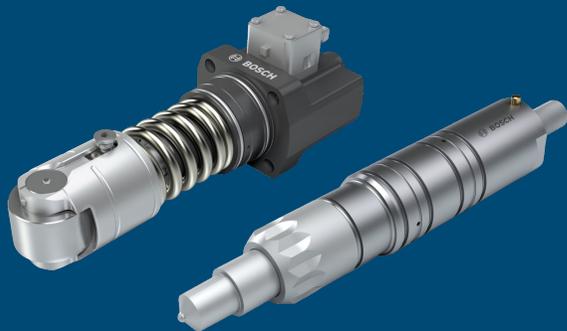




Energy

# Unit pump system and unit injector system

Robust quality for efficient  
consumption



## Up to 20,000 h

of reliable operation due to robust system design

## Up to 1,800 bar

of injection pressure for efficient combustion

- The unit pump injection system (UPS) injects the fuel mixture into the engine cylinder. It consists of an electronically controlled unit pump and nozzle holder assemblies connected via a precisely adapted high-pressure line
- The nozzle holder assembly is selected to match the delivery rate, spray form and injection pressure
- The unit injector system (UIS) is a nozzle holder assembly with integrated high-pressure pump
- Robust unit pump systems and unit injector systems ensure maximum power output, save fuel and can reduce emissions when combined with efficient exhaust-gas treatment