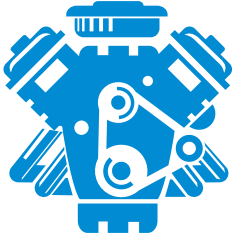


# LIGHT DUTY DIESEL INJECTION ACTUATOR



## ENGINE EFFICIENCY

Improve engine performance



## TECHNOLOGY SOLENOID

### Application description

For diesel engines, optimum fuel injection is a decisive factor in efforts to boost efficiency and cut fuel consumption and emissions.

The injection actuator is at the heart of the system that controls the quantity of fuel injected in the engine's cylinders.

Assisted by a hydraulic amplifier, the injection actuator moves the needle at the injector output orifice. It is operated by an electrical circuit controlled by the ECU.

### Technical characteristics

- Small size and high mechanical precision
- Very fast response, compliant with Euro 5 and Euro 6 emission standards
- Solenoid technology, less expensive and more silent than piezoelectric actuators
- Robust design allowing operation in severe environments (diesel fuel, vibrations, temperatures up to 180°C)