

# Denoxtronic 2.2 – Heavy Commercial & Off-Highway Vehicle Exhaust Gas Treatment

Full range of exhaust gas treatment products from one trusted source!

## Supply Module

Supplies the optimal amount of urea- or Diesel Exhaust-Fluid (DEF) to the dosing module

- ▶ Ensures maximum system reliability in all driving situations
- ▶ Precise measurement of flow rate for meeting EPA requirements
- ▶ Equipped with replaceable filter for purifying urea fluid
- ▶ Bosch Original Equipment



## Dosing Module

Introduces urea fluid into exhaust system to reduce nitrogen oxide (NOx) emission levels

- ▶ Specialized spray patten for specific exhaust treatment concepts, ensuring maximum ammonia conversion
- ▶ Operates at ambient temperatures up to 400°F (200°C)
- ▶ Robust design for longer service life
- ▶ Bosch Original Equipment



## Nitrogen Oxide (NOx) Sensors

Precise measurement of the nitrogen oxide (NOx) concentration in the exhaust gas

- ▶ Precisely measures the NOx concentration in the exhaust gas to support efficient after treatment
- ▶ Reliable monitoring for compliance with applicable emission standards
- ▶ Robust design for longer service life
- ▶ Bosch OE-manufactured sensor



## Exhaust Temperature (ETS) Sensors

Reliable and accurate temperature measurement in the exhaust tract

- ▶ Protects high-quality components such as turbos, catalytic converters and diesel particulate filters in the hot exhaust tract
- ▶ Monitors optimum temperature range
- ▶ Robust heat-resistant design
- ▶ Bosch validated OE sensor



## Particulate Matter (PM) Sensors

Precise, reliable and easy to install

- ▶ Initiates Diesel Particulate Filter (DPF) regeneration at the optimal time to maximize fuel efficiency
- ▶ Ensures your Selective Catalytic Reduction (SCR) catalyst performs as intended
- ▶ Built to operate in harsh diesel exhaust environments
- ▶ Bosch OE-manufactured sensor



## Urea (DEF) Filter

Filters urea fluid that's pumped into the dosing module and protects the Denoxtronic system

- ▶ High-capacity media provides protection to original equipment manufacturer change intervals
- ▶ Included O-rings provide a tight seal, which help prevent leaks
- ▶ The Bosch exclusive equalizing element acts like a buffer – expanding and contracting the pressure within the pump – to eliminate cracking on internal components
- ▶ The supplied extraction tool makes filter removal easier

# Bosch Denoxtronic and Departronic exhaust-gas treatment:

