



KNORR-BREMSE RAIL SYSTEMS DENMARK

**Comprehensive aftermarket
services for train components**

**Knorr-Bremse Rail Systems
Denmark ApS**

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RAILSERVICES

Delivering innovative and sustainable solutions for safer, more reliable, and efficient rail transportation



Services for all types of rail vehicles

- Electric regional and commuter trains
- Diesel-powered regional and commuter trains
- High-speed trains
- Light rail vehicles and metros
- Passenger cars
- Electric locomotives
- Diesel locomotives



Component Services

- **Overhaul**
Optimized overhaul of components to ensure safety, availability, and long-term asset value
- **Repair**
Repairs of mechanical, electrical, and electro-mechanical components, regardless of type and complexity
- **Condition assessment**
Comprehensive inspections to determine optimal repair or replacement solutions and to optimize maintenance intervals



Train Services

- Crash & accidents repair
- Modernization
- Retrofit



Service Packages

- Project agreements
- Service agreements
- Adhoc services



Engineering Excellence

- Certified to ECM F2 standard
- Maintenance optimization
- On-site condition assessment
- Reverse engineering



Mechanical Components

- Bogies, wheelsets, gears, bearings
- Powerpacks, diesel engines
- Couplers
- Paint services
- CNC production

Service example – bogie:

- Comprehensive bogie overhaul service includes dismantling, detailed inspection, and overhaul of the components using advanced machinery such as a hydraulic press, heat oven, and wheel turning bench.



Electrical Components

- Electronic components
- Traction motor, generator
- Converter
- Main switches
- Cables, cable harnesses

Service example – information systems:

- Extensive experience in information systems, including upgrades, repairs, fault finding, and field service work on trains. Our expertise ensures that also obsolete systems can continue to operate.