



### Full Service

Our attractive Full Service offering for diesel locomotives allow you to take advantage of a full range of maintenance services for your diesel locomotives, all of which are available from a single source. In addition to heavy maintenance work and mobile services, we will maintain your rail vehicles and equipment while they are in active service via our partner depots throughout Europe.

Overview of our Full Service offering:

- **Heavy Maintenance including refurbishment of components**

- **Organisation of maintenance services during active operation**

Stationary preventive and corrective works, such as inspections, function tests, ultrasonic testing, inspections of the train protection system, cleaning, brake system inspections and train radio servicing

- **Mobile service**

Mobile preventive and corrective works

- **Additional services and service offerings**

Support services relating to maintenance and railway operations, such as fleet management



## Our Service for Your Electric Locomotives

**DB Fahrzeuginstandhaltung**

**Comprehensive. Diverse. Superior.**

---

#### Contact

DB Fahrzeuginstandhaltung GmbH  
Weilburger Straße 22  
60326 Frankfurt am Main, Germany

sales-fzi@deutschebahn.com  
www.db-fzi.com

© Photos: DB AG

Last updated: January 2017



As one of the most skilled Full Service providers for rolling stock in Europe, we have the capacity, the necessary experience and the advanced technology required to provide you with the optimum maintenance of your rolling stock.

Whether you require a general inspection, repair work after an accident or component refurbishing, we are very familiar with many different types of work and can offer you all maintenance services across the entire operative lifecycle of electric locomotives. To this end, we are specialised in a large number of new and older-generation model series as well as common single and multi-system locomotives.

Overview of our services for electric locomotives:

- General inspections
- Accident repairs
- Customised repair work/upgrades
- Refurbishment of components
- Mobile maintenance
- Condition-based maintenance
- Maintenance of chassis
- Diagnostics services
- Vehicle servicing
- Special-purpose maintenance work
- NDT (non-destructive) testing



### General inspections

Rail vehicles must be professionally checked after the time limits defined for them or a maximum mileage rating has been reached. General inspections and overhauls are part of our core business.

We dispose of extensive competency and many years of experience with overhauling rolling stock. Among others, our services include the general inspection in accordance with:

- Railway Construction and Operations Act Sections 32 and 33
- Country-specific rules and regulations
- Applicable regulations
- Customer specifications
- Manufacturer recommendations
- Recommendations of DB Fahrzeuginstandhaltung

Every year, maintenance depot in Dessau managed by DB Fahrzeuginstandhaltung carries out more than 200 general inspections on electric locomotives from a wide range of customers.

### Accident repairs

Has one of your vehicles been damaged or cannot be operated due to an accident that has occurred? Are you now confronted with the question of what to do? You can turn to us: no matter where you are in the world, we guide you through the damage analysis process, then help with repair concepts and repair work right up to the moment in time when your vehicle starts running again.



### Customised maintenance/upgrades

Electric locomotives and their renowned durability are continually required to fulfil new requirements throughout the course of their operative service life. We will assist you as a competent and reliable business partner when it comes to carrying out customised maintenance and upgrades, such as applying vehicle paint.

### Refurbishment of components

Electric locomotives comprise a multitude of components that require varying levels of servicing and maintenance. The overarching objective we pursue is to ensure an optimal service life for components so that your electric locomotives remain in service for as long as possible, and we do just that by upholding high-quality maintenance standards.

Our many years of experience in maintaining the components of common assemblies found in all vehicle classes and categories has allowed us to amass a comprehensive set of skills and know-how.

To this end, we offer maintenance services for all types of rail vehicle components fitted to a wide range of electric locomotives – from pantographs, to traction motors, through to bogies.

We also carry out repair work on many electrical and electronic components from various manufacturers and arrange for an appropriate level of logistics support whenever the need arises. Our product portfolio encompasses repair work for components in the following product groups, among other services:

- Radio and safety control equipment
- Control electronics
- Mechatronics
- On-board electronics
- Terminals