Standard Rebuild Features:

- Engine, Generator, Traction Motor Rebuilds to OEM Specifications
- Frame Inspection, Straightening, and Reinforcement
- Electrical System Rewiring
- Gauge Panel Replacement
- Suspension Rebuilds
- Sander Repair or Replacement
- Grease Point Centralization

Remanufacture / Modernization Features:

- Alternator Upgrade and Replacement
- Traction Motor Upgrade and Replacement
- Cab Upgrades, Including Anti-Vibration and Climate Control
- Head End Power Replacement or Integration
- Locomotive Control Systems
  - Individual Anti-Wheel Slip Control
  - Traction Control System
  - Automatic Engine Start Stop (Up to 30% Greater Fuel Efficiency)
  - Major Component Diagnostics Reporting and Control
  - Data-Event Recording System Installation

All BROOKVILLE Locomotives are manufactured to meet or exceed the quality standards of the Association of American Railroads (AAR) M-1003.
BROOKVILLE High Bay Manufacturing Facility and Paint Booth

Opened in June of 2012, BROOKVILLE’s 12,000 sq. ft (1,115 m²) high bay locomotive facility is divided into three bays and four distinct areas to optimize processes in locomotive manufacturing that benefit from more overhead space, such as engine drops, electrical sub-assembly, washing, sanding, and painting.

With an 80 ft. (24.3 m) turntable and multi-gauge track providing access to BROOKVILLE’s 100,000 sq. ft. (9,290 m²) main facility, BROOKVILLE’s efficient OEM workflow processes and a highly-trained and experienced staff, locomotive refinishing and restoration tasks are optimized to get your full fleet back in service as quickly as possible.

Wash Bay & Prep Area
- Ideal for Cleaning Locomotives Top to Bottom
- Sanding
- Paint Preparation
- Locomotive Water Tightness Tests
- Advanced Environmentally Conscious Drainage System

Electrical & High-Hook Crane Bay
- Two 15-Ton High-Hook Cranes, Ideal for Engine and Alternator Installation.
- Underground Inspection and Work Pit
- Electrical Shop

Paint Booths
- 100 ft. (30 m) Long High-Height Paint Booth
- Divisible into two 50 ft. (15 m) Booths
- 3-Axis Personnel Lifts
- Advanced Airflow Management System (Recycles 80% of Air)
- Additional 84 ft. (25.5 m) Standard Paint Booth

Painting Services Overview:
- State-of-the-art Media Blast, Prep, and Finishing Facility
- Priming, Sanding, Repriming for a Dirt-Free Finish
- Industrial Grade Epoxy Paint (Standard)
- Customer Logo Customization, Color Matching, and Paint Finish