



Rail Products International, Inc.

# Total Solutions For Quality Locomotive Electrical Rotating Component Remanufacturing

Alternators

Generators

Traction Motors

Traction Motor Components



MADE IN U.S.A.

# RPI

RAIL PRODUCTS INTERNATIONAL





# Now There Is One Source That Can Handle All Your Locomotive Traction Component Repair, Rebuild And Remanufacturing Needs

Rail Products International, Inc. (RPI) is a leader in providing remanufacturing services to the railroad industry for electric transmission components used for both freight and passenger locomotives. RPI offers a full range of repair, rebuild and remanufacturing services for AC & DC traction motors, armatures, field coils, alternators and generators, as well as individual components for railroad in-house maintenance operations.



## We Know What You Want

The RPI organization has been built from the ground up to focus on the unique requirements of the railroad industry. There are a number of factors that distinguish RPI from our competitors:

- RPI is more responsive to individual customer needs.
- RPI is quality driven with an emphasis on continuous improvement. In fact, we wrote the procedures used by OEM's today to rebuild traction motors.
- RPI maintains a high level of on-time delivery performance.
- RPI offers extremely competitive pricing.
- RPI has over 75 years of remanufacturing experience. We are a first class supplier to most Class I and regional railroads, as well as most locomotive rebuilders.
- RPI products are proudly made in the U.S. and can be easily distributed throughout North America and beyond.
- RPI quality is the highest in the industry — with each plant having its QMS registered to both ISO 9001 and AAR M-1003.

## Services That Are Designed Around You

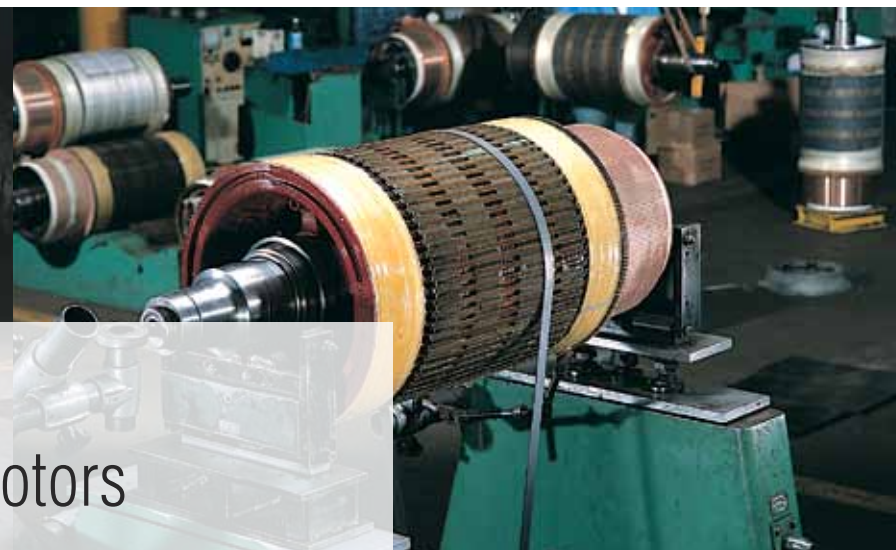
Rather than just providing a standard commodity, RPI offers a true value-added approach to our product offerings. We can tailor manufacturing processes and customize our products and services to meet a variety of customer demands and specifications. This gives RPI the ability to effectively operate as a "job shop" for small projects — or on a very large scale as a production manufacturing line. We can also provide product development and product improvements or upgrades. RPI offers a choice of repair, rebuild or remanufacturing of all components, supplemented by a unit exchange program for armatures, coils, traction motors, generators and alternators to help minimize your downtime. Railroad in-house locomotive shops that rebuild their own traction motors and alternators can also turn to RPI for products such as armatures, coils, coil kits, commutators and other related items.



Alternators and Generators

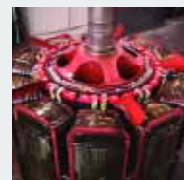


AC and DC Traction Motors

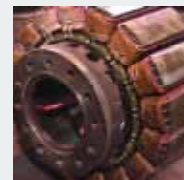


### Capabilities (Alternators & Generators)

Electrical inspection, shaft replacement, rotor and stator rewinding/repairs, stator dipped in polybutadiene resin and cured, dynamic rotor balancing, bearing test run and electrical testing.



Rewound Primary Rotor  
Model Types: AR, TA



Rewound Auxiliary Stator  
Model Types: CA, D Series



Rewound Primary Stator  
Model Types: AR, TA



Rewound Auxiliary Rotor  
Model Types: CA, D Series



Alternator  
Model Types: AR10, AR11, AR15, AR17, AR20, TA12, TA17, TA20, TA22



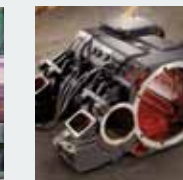
Generator  
Model Types: D12/22/32, D15/25

### Capabilities (AC Traction Motor)

On site coil manufacturing, stator rewinding, vacuum impregnation of winding, rotor balancing, pinion installation/advancement, bearing renewal, lubricated drive end bearing test run, electrical testing.



D29, D31, D43, D77E, D78, D87, D87B, D88, D90 and D100 Armatures



D29, D31, D43, D77B, D77E, D78, D87, D87B, D88, D90, D100 and D87BTR Traction Motors



2630 (MAC70), 2830 (MAC 80), 3432 (MAC 70 ACe) and GEB13 Traction Motors



AC Rotor Pinion Advancement



AC Stator Rewinding

### Capabilities (DC Traction Motors & Components)

Mechanical and electrical inspection, welding, machining, model conversions, rewinding, repairs, pinion replacement, electrical testing, bearing test run, over speed and modified hot test.





# Traction Motor Components



EMD Models D29, D31, D43, D77, D87, and D90 Main Field and Interpole Coils



EMD Models D29, D78, D87, D87B, D87BTR, D90, D100. External A, AA, F, F leads. Internal coil and brush holder jumpers. 1100 and 1325 cables. Exane and Hypalon or per customer specification.



D29/31/43, D78, D87, and D90 Refill and Repair Commutators



AR10, D29, D31, D32, D87 and D100 Coils and Rewind Kits



GE 752 Main Field and Interpole Coils

## Customer Satisfaction Is Our Number One Priority

RPI is dedicated to providing our customers with the highest quality products rebuilt to meet or exceed design specifications. Each product is designed to ensure reliability under the most demanding service conditions while providing extended operating performance and endurance. We strive to be competitive with anyone in the industry and will work with you to meet your required work scope and rebuild specifications.



[www.RailProductsInternational.com](http://www.RailProductsInternational.com)

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### Customer Service

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### Standard Warranty

One year/100,000 miles. Optional extended warranties available.

\*\*EMD™ and "Electro-Motive" are trade designations of Electro-Motive Diesel, Inc. "GE" and "General Electric" are trade designations of General Electric Company. RPI is not an authorized distributor for EMD or GE, and is not otherwise associated or affiliated with EMD or GE. RPI does represent that its replacement parts, components, subsystems and services are compatible with and usable on EMD and GE locomotives and engines respectively.

