

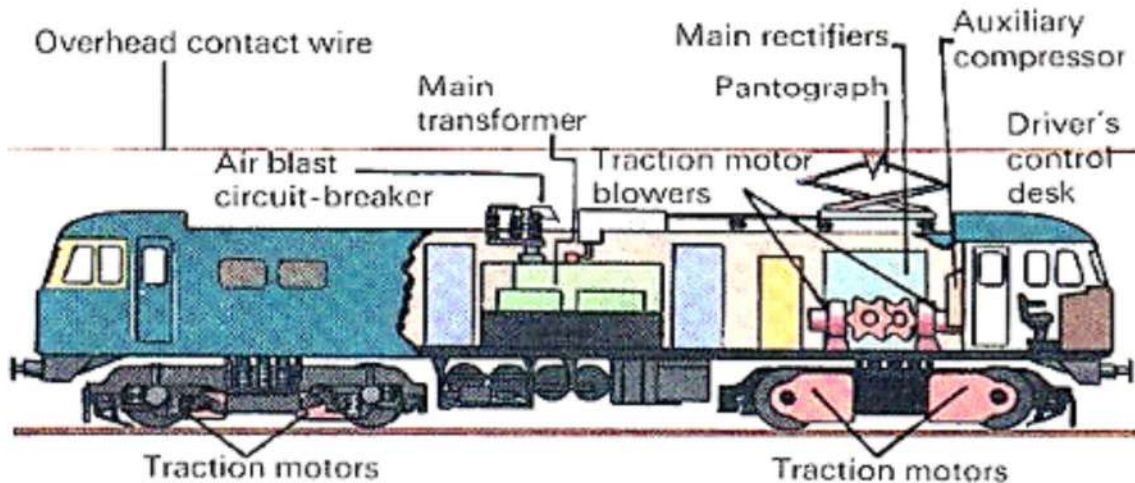


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Traction Motor Division

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Traction Motors

It consists of two parts, a rotating armature and a fixed field.

- The fixed field consists of tightly wound coils of wire fitted inside the motor case.
- The armature is another set of coils wound round a central shaft.
- The armature is connected to the field through "brushers" which are spring loaded contacts pressing against an extension of the armature called as comutator

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ISO 9001: 2008 & ISO 14001: 2004 CERTIFIED COMPANY

Bence Locomotives maintains the highest ratings in quality and delivery amongst the largest and most prestigious companies in the industry. We focus on providing the highest quality parts and engineering service for the short line, remanufacturing, and OEM sectors. With more than 30 years of manufacturing and logistical experience, we pride ourselves in efficient and affordable customer experience.

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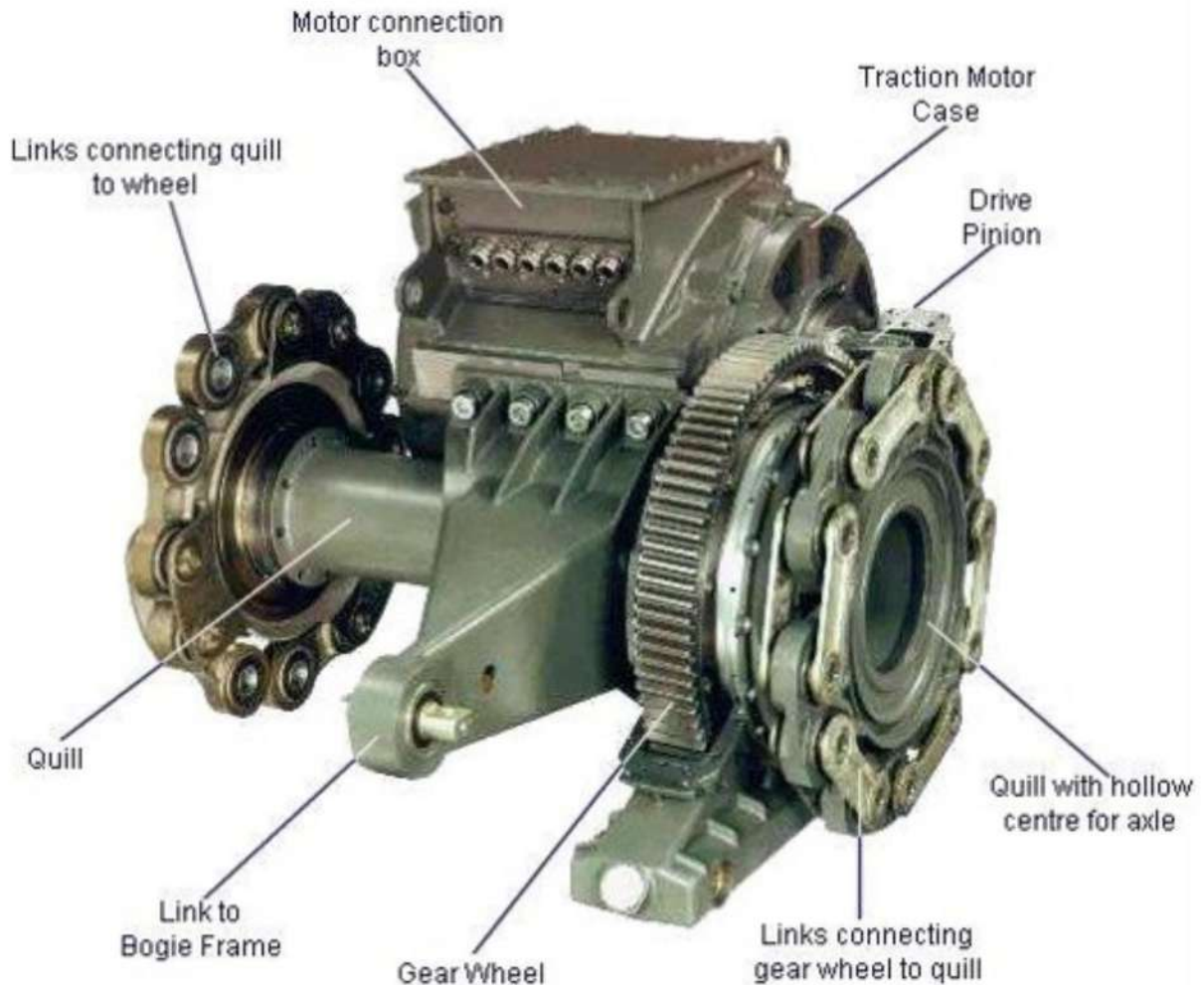


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**Suppliers Of Complete
Brand-New Traction Motors And
Armatures Equivalent To
EMD 's D29, 29CC, D31, D31CC.**

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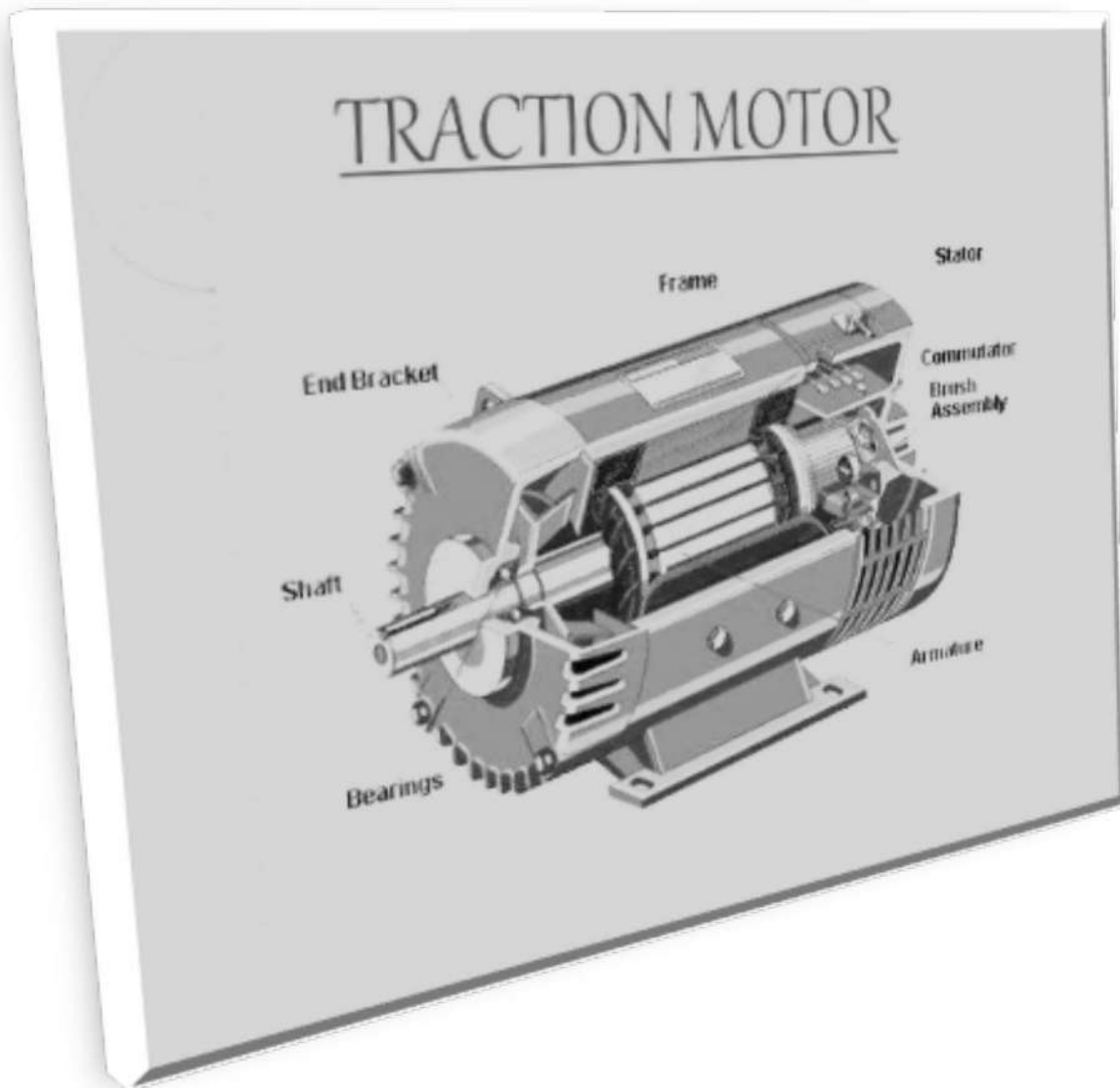
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Motors and Traction Armatures

Suppliers of complete brand-New Traction Motors
Equivalent to GE761ANR, GE761 A1 to A1 and GE763

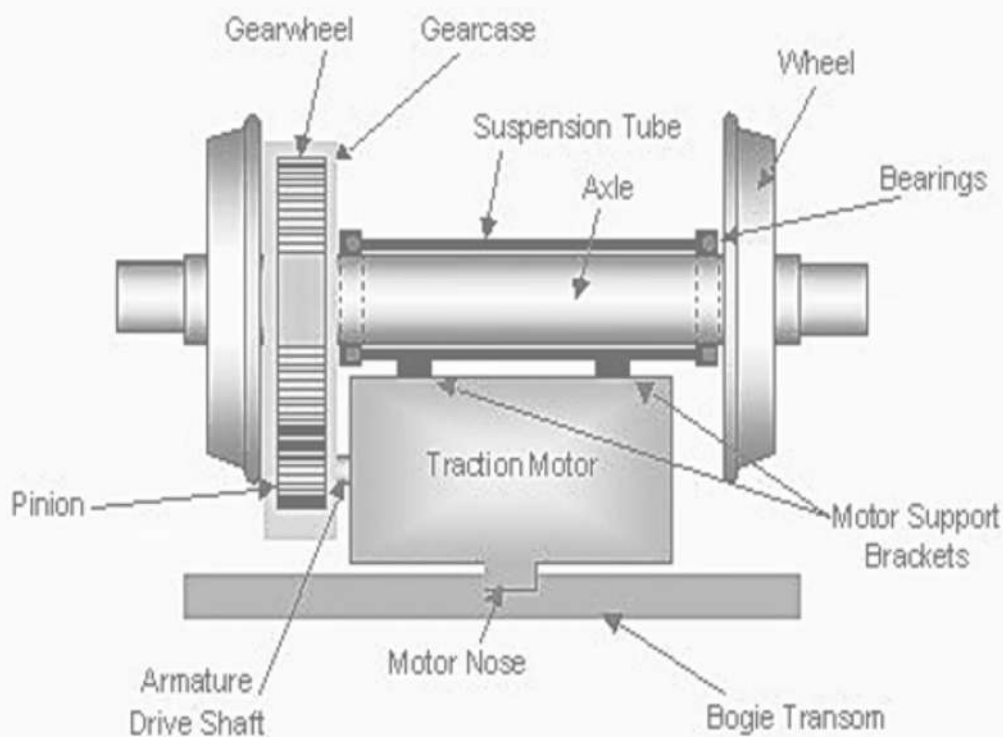


Diagram of DC Nose Suspended Traction Motor

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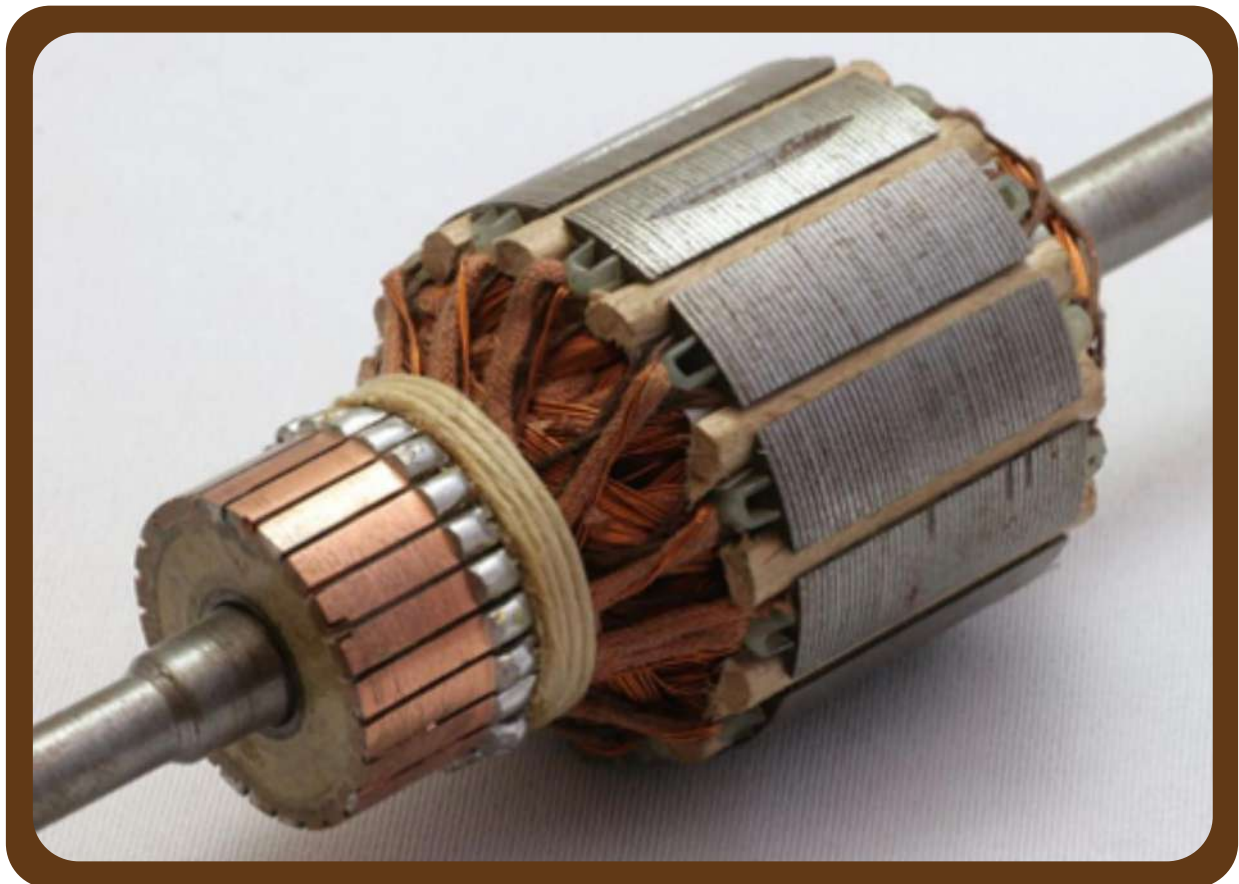
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Coils for traction motors, alternators, traction generators CA e CC.

Supply of Field and Interpole coils, class H insulation with silicone rubber tape (EMD recommendation) and also with mica tapes complying with specifications of Original Equipments manufactures (OEM).



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Bence Traction Motor Repair Workshop

We also provide the service of rehabilitation of the traction motors. we will pick up the motors from your warehouse and shipped it to our workshop in India for the rehabilitation and re-engineering.



**BENCE LOCOMOTIVES HAVE ALL
THEN EQUIPMENTS TO ENSURE
THAT THE TRACTION
ENVIRONMENT IS PROVIDED WITH
HIGH QUALITY PRODUCTS ONCE
COMPLETED**

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Spare Parts

Shafts for Tractions Motors, Alternators Pole Pieces, Commutators and Lamination.



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**REWINDERS, REMANUFACTURERS, REVAMPERS, REHABILITATION, REPAIRERS &
SERVICE PROVIDERS FOR HIGH/LOW TENSION AC & DC MOTORS
ALTERNATORS & TRANSFORMERS**



Infrastructure with well equipped workshop

In House Testing Facility as per IS

Computerized Dynamic Balancing

Fabrication and Mechanical Repairs

Suppliers of Spares for Rotating/ Static Machines

Coil Manufacturing Facility

On Site Services Providers

Facilitators for Engg. Services & Energy Audit.

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BENCE WORKSHOP CAPABILITES

- Rewinding
- Remanufacturing
- Revamping
- Rehabilitation
- Repairing, Overhauling & Servicing of High Tension, AC/DC Rotating Large Machine Up To 25 MW
- Computerized Dynamic Balancing of Armatures, Rotors, ID/FD Fans
- Services Round The Clock Through Our 24 Hour Help Line Contact At +91 98196 64898 / +91 98204 56819
- Under Urgent Condition, We Also Undertake Repairing Jobs At Sites.



BENCE MANUFACTURING CAPABILITES

- Resin-rich coils [Hot molded].
- Roebel stator bars (transposed).
- VPI resin-poor coils (green coils).
- DC Armature coils & equalizer coils up to class H, any capacity.
- DC traction coils up to any capacity.
- AC traction coils up to any capacity.
- DC field pole, Interpole & compensatory coils.
- Insulated rotor coils for Slip ring motor.
- Copper, Brass & Aluminum bars for squirrel cage rotors.
- Copper Shorting end Rings for squirrel cage rotors.
- Rotor field poles and c-coils for turbo alternators.



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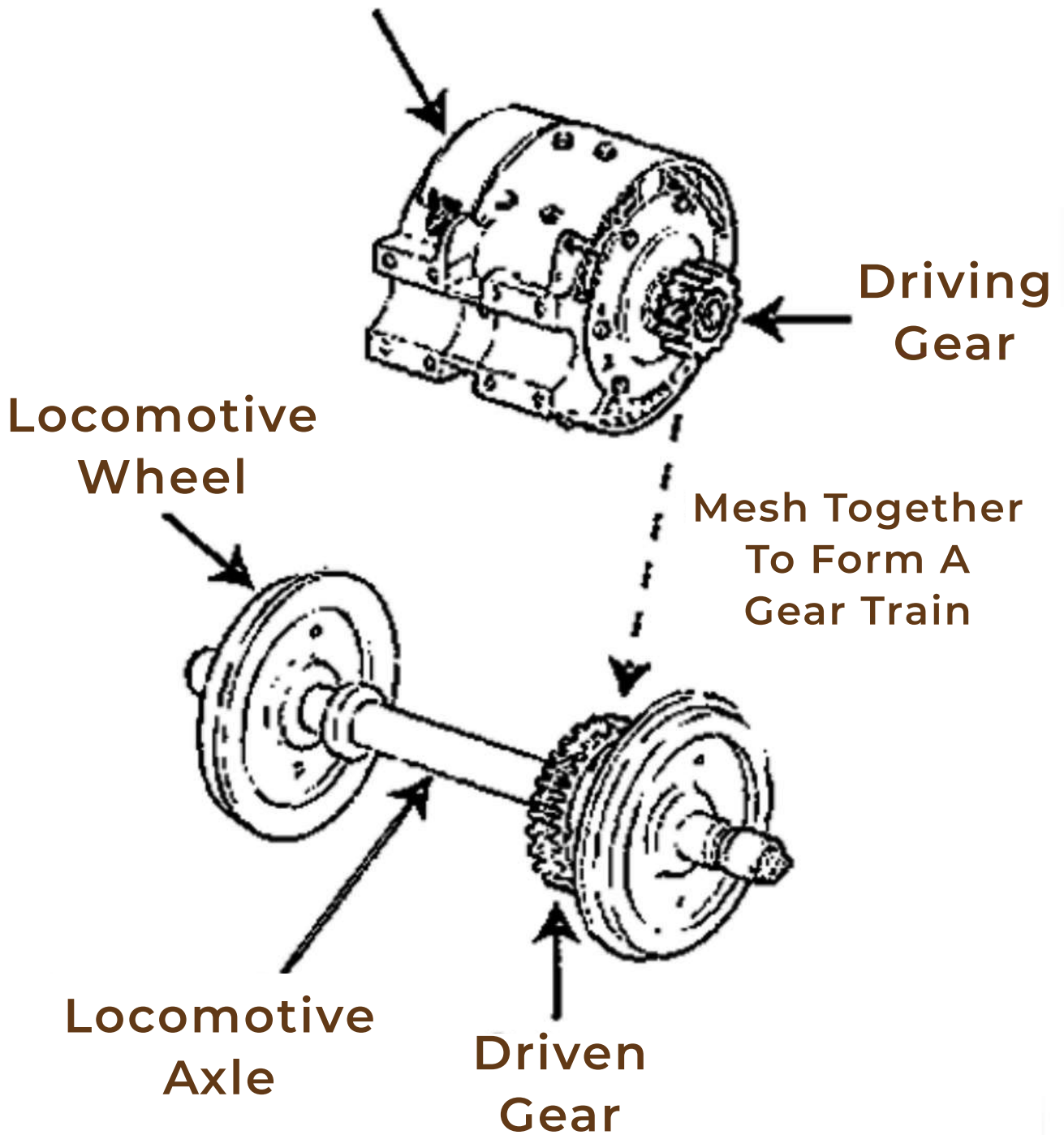
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Electric Traction Motor



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GE

We bring the best of GE to India by creating technologies and innovations in India, for India.

EMD SERIES

EMD, General Motors Electro-Motive Diesel Division (now owned by Caterpillar) offers an extensive range of locomotive products in the rail industry

CAT PARTS

Bence Locomotives carries a full range of aftermarket CAT-ERPILLAR 3500 SERIES Locomotive parts.

GENUINE ALCO

Bence Locomotives currently offers an array of engine components for the ALCO series.



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TIMELY DELIVERY

We dramatically reduces delivery times by housing thousands of components in our strategic distribution center in the heart of India.

CUSTOMER SERVICES

Customer service is the cornerstone of Bence Locomotives. Our goal is to create lasting relationships by delivering competitively priced, high quality service.

GLOBAL REPUTATION

Expect nothing less than the best in terms of selection, quality and service, without sacrificing competitive pricing or personal integrity.

SUPREME QUALITY

Our commitment to quality is evident in every aspect of our business. Our quality system is ISO 9001:2008 & ISO 14001:2004 certified

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