

**INNOVATION.
NOT DUPLICATION.™**



MINING SOLUTIONS

BIRRANA™ 930E WHEEL MOTORS

H-E PARTS INTERNATIONAL (H-E PARTS) PROVIDES SOLUTIONS FOR THE ENTIRE DRIVETRAIN, SPECIALIZES IN THE RE-MANUFACTURE OF MAJOR MOBILE EQUIPMENT COMPONENTS, AND OFFERS INDUSTRY LEADING BIRRANA™ PRODUCTS. THE ENHANCED DESIGN FEATURES OF THE BIRRANA™ PRODUCTS DELIVER EXTENDED LIFE, EASE OF MAINTENANCE, AND SUPERIOR PERFORMANCE.

HIGH QUALITY REBUILDS

H-E Parts can service your GDY85 and GDY106 wheel motors. We offer complete rebuilt wheel groups for front corners and rear wheel motors. Exceptional service experience and continuous improvement learnings, are proven to lower cost per ton and keep equipment running longer. Repair processes produce a reliable component that, in some cases has superior properties to the original e.g. wear resistance or fatigue life.

Backed by a dedicated engineering Center of Excellence based in Adelaide, Australia, H-E Parts is able to ensure our global wheel motor re-manufacturing and distribution centers adhere to global best practices and support the latest technical advancements. This allows re-manufacturing of components back to zero hour life and lets our customers benefit from extended component life, increased ease of maintenance and superior performance.



IMPROVED PERFORMANCE

CONTINUOUS IMPROVEMENT

With experience taken from re-manufacturing more than 10,000 wheel groups and knowledge of issues with the OEM design, H-E Parts engineers operating in our wheel group CoE have been able to consistently enhance our Birrana™ product line over several decades.

DESIGN AND SERVICE BENEFITS

The Birrana™ re-manufactured 930E wheel motor design, combined with H-E Parts service expertise means that the component will benefit from the same engineering philosophy that goes into all our Birrana™ wheel groups and motors.

This aims to reduce down time, costly component change-outs, and therefore overall maintenance costs. Some of these benefits include:

- 3D CAD models to enable structural analysis for product development and repair feasibility
- Proprietary procedures and specifications developed for non-destructive testing, re-usability, repair, and assembly
- Proprietary tooling designed following global standards to improve productivity and safety during rebuilds
- Specific bolt torques calculated to ensure consistent preload is achieved and maintained through all bolted joints.
- Oversize planetary bearings are available for reusable gearing that has worn bearing bores
- Fully manage electric motor repairs
- Completely OEM compatible

WHEEL MOTOR GEARING

H-E Parts has supplied customers worldwide with wheel motor gearing sets for many decades. We provide replacement gearing for the most popular models, including GDY106 and GDY85 wheel motors. We use best of class manufacturers to produce our proprietary wheel motor gearing. We utilize specialized alloy steel with teeth and critical surfaces, carburized and ground to the strictest tolerances to exceed OEM specifications. All gear sets are 100% quality audited to ensure material quality and machining accuracy.

H-E Parts provides a full range of gearing for the most popular models of wheel motors, all backed by our comprehensive warranty.

SERVICE EXCHANGE OPTIONS

H-E Parts have the ability to supply service exchange wheel motors on certified transport frames, which meet load restraint guidelines.



Birrana™ re-manufactured 930E front corner



Birrana™ re-manufactured 930E wheel motor

H-E Parts International replacement parts are compatible with the makes and/or models of the third-party equipment described. H-E Parts International is not an authorized repair facility of these third parties and it does not have an affiliation with any manufacturers of these third-party products. All brands, original equipment manufacturer (OEM) part numbers or references are owned by the respective OEM entities or their affiliates. These terms are used by H-E Parts International for identification and cross reference purposes only and are not intended to indicate affiliation with, or approval by the OEM, of H-E Parts International or its products.



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