

INNOVATION.
NOT DUPLICATION.™



COMPLETE COMPONENT SUPPLY FOR CONTRACTOR

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. H-E PARTS SUPPLY COR COOLING™ APPLICATION SPECIFIC HEAT TRANSFER SOLUTIONS, WHILST ALSO PROVIDING A FULL STATERRA POWER™ ENGINE AND TRANSMISSION RE-MANUFACTURING SERVICE OFFERING. H-E PARTS ACHIEVE ADDED VALUE BY PROVIDING FIT-FOR-PURPOSE DESIGN, INNOVATION THROUGH ENGINEERING AND QUALITY THROUGH SERVICE PERFORMANCE. AT H-E PARTS WE LIVE BY OUR PROMISE TO OUR CUSTOMERS, BY COMMITTING TO PROVIDE INNOVATION. NOT DUPLICATION.™

Our long term customer, a large Australian mining contractor, has been providing reliable contract mining support to large-scale mining operations for more than 25 years. They pride themselves in providing reliable and readily available ultra-class and ancillary earthmoving equipment to achieve every project's resource quality and recovery requirements.

In that time, H-E Parts has provided numerous solutions that have awarded enhanced performance and extended life in components across the customer's mixed fleets with the support of our branches, strategically located in major mining communities around Australia.

H-E PARTS SERVICE AND CUSTOMIZATION

H-E Parts is equipped to manage complete truck rebuilds, supply new and used components for the drive train, offer service exchange or re-manufactured parts through our Dom-Ex division, supporting customers at all stages.

MINING SOLUTIONS RELIABILITY

H-E Parts has supplied in excess of 500 Caterpillar (CAT) front and rear wheel groups to the various sites our customer supports around Australia. Fleets have included CAT 773/B/D/E/F, 775F, 776, 777A/B/C/D/F, 785B/C/D, 789B/C/D, 793F, 793EL FR and the MT3700 Haul Trucks, CAT D10T Dozer and CAT 16M Grader. H-E Parts has also supplied components for other major equipment models and sections of the drive train such as engines, transmissions, torque converters, cylinders and radiators.

LOCATION	Australia, multiple sites
APPLICATION	Mixed fleet haul trucks, dozers and ancillary equipment
SERVICE	Supply and rebuild with H-E Parts proprietary enhanced components for extended life
PRODUCTS & SERVICES	<ul style="list-style-type: none">■ Birrana™ wheelgroups, cylinders struts, and brakes■ H-E Parts StaTerra Power™ rebuilt and tested engine, torque converter and transmission■ COR Cooling™ Bar and plate, Charge air coolers, oil coolers and radiator assemblies

COMPONENT SUPPLY FOR EXTENDED LIFE

BIRRAMA™ ENHANCED WHEEL GROUPS

The customer approached H-E Parts to take advantage of their flexible wheel group rebuild scopes. They benefited from H-E Parts tailored approach to managing schedules and associated costs by not having to complete unnecessary works other providers may insist on. Over the years, our customer has been supported through a readily available supply of components such as CAT front and rear wheel group assemblies, front and rear suspension, final drives, hydraulic cylinders, hoist cylinders, spherical bearing, strut assemblies, pivot eye assemblies and pins and associated parts and services as required.

Through Birrana™ enhanced components, the customer was able to benefit from consistent and reliable component supply and a lower total cost of ownership.

Examples of Birrana™ wheel group component modifications include:

- The Birrana™ control fit wheel bearing system, which includes flexible spacer, hardened spacer, custom bearing design and specifications, and preload adjustment
- Birrana™ contamination control which includes isolation seals, contamination guards, and contamination kits

Additional benefits with our Birrana™ drive train accessories such as:

- Birrana™ brake wear gauge - allows easy and fast brake wear measurement, reduced downtime, and improved safety
- Birrana™ BEST plug - a small and easy to install component for wheel groups and differentials which offers customers a reliable, safe and convenient option when it comes to checking for contamination

STATERRA POWER™ ENGINE TECHNOLOGY

Due to the success experienced with Mining Solutions, the customer approached our Engine Solutions division to take advantage of our Engine technology and experience with powertrain componentry.

StaTerra Power™ engine technology has been providing the customer with advanced quality, reliability, and value using our proprietary rebuild processes that have been proven to increase performance and extend life. Our engine solutions branches can rebuild and recondition engines and all major components, including testing on our state-of-the-art dynos, to run like new. H-E Parts in-house engine dynamometer testing allows us to:

- Efficiently troubleshoot low horsepower, insufficient torque, boost issues, leaks and identification of any other engine issues requiring attention whilst under test or simulated machine load
- Identify any required repairs or adjustments can then be carried out so a 'before and after' test report can then be compiled and sent to our customer upon completion



COMPONENT SUPPLY FOR EXTENDED LIFE



COR COOLING™ COOLING SOLUTIONS

To further compliment drive train product supply, the H-E Parts Mining Solutions Cooling Division was approached in recent years to begin supplying complete radiator modules, COR Cooling™ charge air coolers, COR Cooling™ bar and plate radiators, oil coolers and accessories such as man safe adaptors, fans and coolers for their mixed fleets. H-E Parts manufactures and supplies high quality, innovative COR Cooling™ products that can also be tailored to our customers' specific requirements while also supplying industrial radiators and services.

A recent supply of a CAT 793F module complete with two COR Cooling™ CAC's is an example of how H-E Parts helps reduce downtime of production equipment such as the CAT 793F truck. H-E Parts has the capability to supply complete modules, meaning the customer can install the module and have the equipment in operation sooner, reducing costly delays.

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.