



MACKAY



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Mackay Australia Pty Ltd is a 100% Australian-owned company. With an industry history commencing in 1932 as a small but efficient supplier of automotive parts, Mackay has grown to become a major supplier to local and global markets in the field of Rubber Technology.

About

Mackay is a major supplier of a diverse range of engineered rubber and bonded metal/rubber composite products for the Automotive, Defence, Transport, Construction, Marine, Rail and industrial markets.

Our commitment to uncompromising standards of excellence in product development, material formulations and all facets of production has resulted in the successful penetration of markets and sustained profitable growth.

Success in these chosen markets has been built on a simple philosophy - understanding our customer's needs and providing timely, cost-effective engineered solutions. Our products are exported to many worldwide regions.

Our technical expertise, customer-responsive service and commitment to continuous improvement backed with sustained investment, will ensure Mackay's reputation for reliable, high-quality, innovative products will continue.

History

Mackay has a proud history dating back over 90 years.

Founded by the Paton family in Melbourne, Mackay has built its reputation on constant innovation, partnerships and the commitment of its people.

Mackay continues to innovate & grow with new products & markets, adding to its success of the past.

On 3 March 2023, The assets of Mackay Consolidated Industries Pty Ltd were acquired by Derwent Industries Pty Ltd. The business now continues to build on this history as Mackay Australia Pty Ltd a wholly owned subsidiary of Derwent Industries Pty Ltd.

For more information on Derwent Industries please visit their website:

www.derwentindustries.com.au



▲ AUTOMOTIVE ▲ DEFENCE ▲ INDUSTRIAL ▲ RAIL ▲ TECHNICAL

PASSENGER & COMMERCIAL

▶ Radiator and Engine Hoses

▶ Heater Hoses

▶ Fuel Hoses

▶ Transmission Hoses

▶ Turbo Hoses

▶ Suspension Bushes

▶ Engine & Transmission Mounts

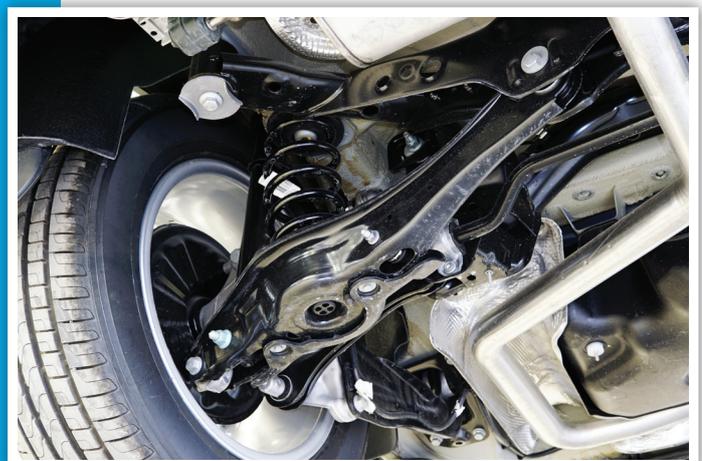
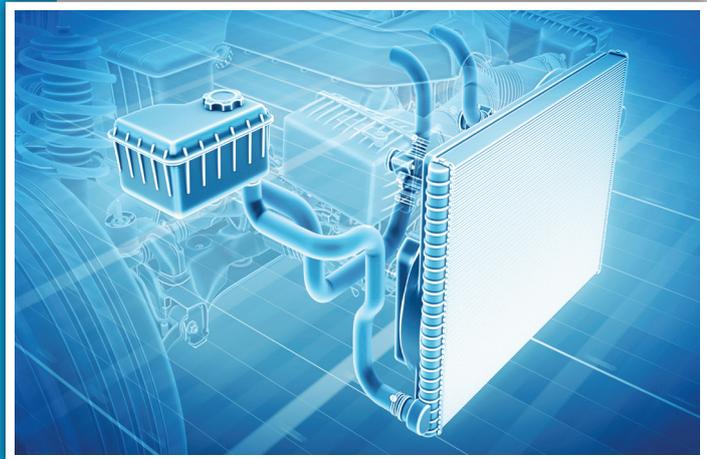
▶ Strut Mounts

▶ Exhaust Mounts

▶ Pedal Pads

▶ Centre Bearings

▶ Sway Bar Links



▲ Automotive - OE and Aftermarket

As a pioneering company in the automotive industry, Mackay has over nine decades of expertise in developing high-quality original equipment (O.E.) and aftermarket products across a wide range of applications for major global vehicle manufacturers. Mackay automotive products are renowned throughout the industry for uncompromising quality and dependability.

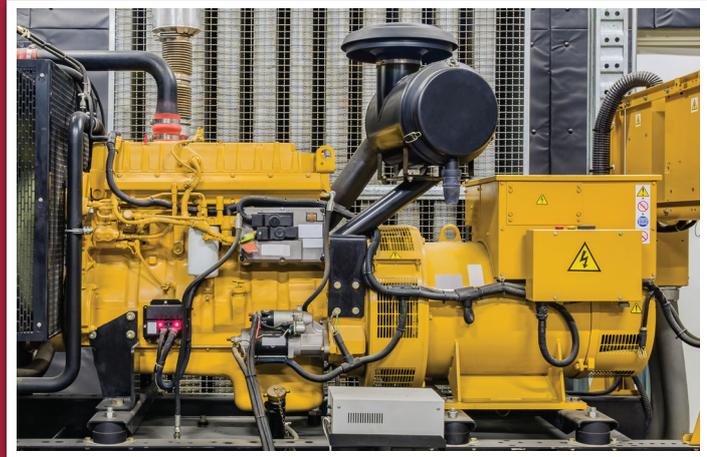
In aftermarket we have an extensive product portfolio covering worldwide vehicle applications, including a comprehensive off-the-shelf range to suit Australian, European, Japanese, Korean, and North American vehicles. A proactive and continuous new product development program ensures that all customers are kept a step ahead with new applications.

Mackay also develops custom-manufactures private branding of products to suit customer or market-specific requirements with relatively low minimum quantities. Products are manufactured without compromise using the same high standards that apply to the OE market.



Marine

- ▶ Engine & Equipment Mounts
- ▶ Superstructure to Hull Mounts



Mining

- ▶ Vibratory Screen Mounts & Panels
- ▶ Grizzly Support Springs
- ▶ Steel Backed & Plain Rubber Panels



General

- ▶ Standard Vibration & Motor Mounts
- ▶ Custom Mouldings



Packaging

- ▶ Drum & Container Gaskets

Industrial

Mackay's knowledge and experience in rubber engineering places the organization at the forefront in supplying technical solutions to the broad industrial market.

Mackay's products are used in industries including Marine, Rail, Mining, Construction, Power Generation and General Industries to isolate and protect equipment from vibration and wear with the ability to absorb impact and provide flexibility to structures and equipment.

We can provide optimum solutions through part design, the development of specialist compounds and final manufacture. A total solution from concept to delivery.

Mackay strives to maintain a comprehensive range of ex-stock standard parts which are available through an extensive distribution network providing quick, off-the-shelf solutions for many applications.



LAND, SEA, AIR & WEAPON SYSTEMS

- ▶ Anti-Vibration/Shock Mounts
- ▶ Signature Management Solutions
- ▶ Submarine Components
- ▶ Missile Components
- ▶ Armoured Vehicle Components
- ▶ Single & Double Pin Track Systems
- ▶ Track Pads
- ▶ Rocket Motor Insulation and Hybrid Rocket Fuels
- ▶ Through Life Support



Defence

Mackay's first foray into Defence was in 1940, eight years after the company established itself during the Great Depression. Since then, the organisation has grown to become a reputable Defence supplier of rubber and composite materials, successfully competing with other established international suppliers.

The Defence products are used across all sectors (Land, Sea, Air, Space and Weapon Systems), servicing Australian and overseas Defence Forces for the latest generation of armoured fighting vehicles, submarines, ships and external and internal missile components. Our products range in security classification, with some requiring ITAR/EAR compliance.

Mackay offers a complete service from design to prototypes, simulated field testing to finished proven products, backed by a commitment to through life support. All products are exposed to rigorous quality standards throughout the entire process. Small-volume complex components for original equipment or replacement parts can be manufactured to the same exacting standards in our manufacturing plant, with final verification by our NATA accredited laboratory.



PASSENGER & LOCOMOTIVE

- ▶ Passenger Primary Suspension Springs
- ▶ Locomotive Primary Suspension Springs
- ▶ Locomotive Secondary Bearer Pads
- ▶ Locomotive Traction Pads
- ▶ Locomotive Cabs Mounts
- ▶ Passenger & Locomotive Bogie Suspension Bushes
- ▶ DMU Engine & Transmission Raft Mounts
- ▶ Bogie Cast Steel & Rubber Element Assemblies
- ▶ Platform Gap Fillers - UV, Ozone & Fire Retardant
- ▶ Large Ranges of Vibration Isolators
- ▶ Miscellaneous Sponge Extrusions



Rail

Mackay has been supplying Australian Rail Industry with components for over three decades, supplying both replacement and OEM parts made to demanding specifications.

Commencing with smaller bogie components, Mackay has progressed to design and manufacture of primary and secondary suspension mounts springs for locomotive and passenger rollingstock, traction pads, cab mounts, diesel engine and transmission raft mounts, spherical bogie bushes, steering beam bushes, and various miscellaneous rubber products.

The acquisition of Mackay by the Derwent Industries Group in 2023 has significantly enhanced Mackay's capabilities for the supply of assemblies incorporating small and large castings and precision machined components as part of a vertically integrated group of technical specialists and manufacturing.



TESTING & ANALYSIS

- ▶ Design for Application
- ▶ Computer Simulation
- ▶ Prototyping & Customisation
- ▶ Dynamic Properties
- ▶ Vibration Analysis
- ▶ Thermal Properties
- ▶ Environmental Performance
- ▶ Durability
- ▶ Industry & Customers' Standards



▲ Technical

Mackay's team of specialist engineers and technicians provide customers with a wide range of capabilities across the full spectrum of technical services including material development and testing, finite element analysis, kinematic and dynamic modelling, laboratory testing and specialised rigorous performance, environment and durability tests.

Our ability to simulate applications, solve industry problems and develop elastomeric and composite solutions truly sets us apart from our competitors. Our capabilities and experience include material formulation backed by a NATA approved laboratory and an array of test facilities puts Mackay at the forefront of rubber technology and engineering.

Mackay's commitment to quality is applied throughout all areas of the business with the application and accreditation to numerous standards including AS/NZ ISO9001:2015, ISO14001:2015, NATA ISO/IEC 17025:2017.





Mackay Australia

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