

Automotive Suspension Specialists

Suspension Supplies Australia has been designing, manufacturing and selling 4x4 suspension upgrades for over 25 years at the head office in Brisbane, Australia. With suspension being the main component of their business, you can be assured the manufacturing of all upgrades are done by experts in the field of this automotive industry.

Experience That Counts

We all know Australia has some of the most remote and harshest road conditions in the world. It takes an experienced team with lots of ground testing to come up with a reliable, quality product to satisfy the owners and drivers of these off road vehicles. The team here certainly know a thing or two about suspension.

Latest Innovations Keeping You In Front

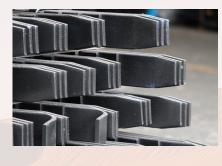
People love to compare their vehicle with the latest model. With vehicle manufacturers continually updating their makes and models

to offer customers a reason to purchase a new vehicle, it is important to have access to a research and development team. Suspension Supplies Australia have their finger on the pulse and are constantly keeping up with these modifications and changes.

Following strict design criteria and using only the highest quality products available, our research and design team are all hands on and know how to design a product that will provide customers with the most suitable parts for their vehicle.











Customers need to be offered a solution to their specific problem. This is where BlueMax suspension provides a solution for all situations.

Original Suspension Provided In Vehicles

Whilst the original suspension designed in vehicles is of standard build, factory suspension can sometimes be a compromise to keep the vehicle within an affordable price range for consumers. When vehicle manufacturers design their suspension, they can't design the suspension to suit every single different application a vehicle will be used for. They find what you would call 'a happy medium', so that it works well in a number of different situations, however, it won't perform at its optimum best in ALL situations.

Replacing Your Suspension

The suspension is probably the hardest working component on your vehicle. It is constantly moving up and down, taking a toll on the factory suspension. As it is hidden away underneath everything else on your vehicle, it is often forgotten about, until it really needs your attention.

You wouldn't drive around with a flat tyre, so why drive around with suspension that is not suitable for the task that it is meant to be performing Maybe it is hidden away underneath and because you can't see it, it represents poor value for money, or maybe, you don't know how suspension works and the important safety aspects of having correctly operating suspension.

Specific Solutions to Specific Problems

Understanding the fundamentals of suspension is the most import aspect of designing a quality product that works well. At Suspension Supplies Australia we understand that, and use that as our key focus and principal when it comes to designing BlueMax suspension components. We don't just simply reverse engineer the original parts. We determine what the design flaw is, and then we work towards designing an improved product.

Now, not all springs and shock absorbers are the same. Neither is a suspension upgrade simply about getting a lift or adding more height to a spring.

There are a number of other aspects to a vehicle that needs to be considered as to not affect the vehicle's handling or performance. Whether it's for the tradesman that carries a constant load, the farmer that works on the land dealing with very poor road conditions daily, or the family driver that uses the vehicle for many different uses.







Coil Springs

A coil spring is basically a more modern version of the leaf spring. It still supports the weight of the vehicle and is available in both a single and progressive stage in some applications. It will provide a smoother ride than a leaf spring, generally found in 4wd wagons, both front and rear.

We are also starting to see pickups coming with this style of factory suspension fitted. Our well designed coil spring are made in Australia and offered in a number of different load carrying options to suit the requirement for each vehicle.

- Made in Australia of high-stress X5K spring steel
- Finished in high-quality epoxy powder coat
- Shotpeened, scragged and load tested to prevent spring sag
- Heat treated and rolled at heat
- Available in a number of different load carrying and height options



A coil over strut serves the purpose of two things. It is basically a shock absorber that also serves as a mounting point for the lower point of a coil spring. It is found in the front end of most new vehicles on double wishbone style suspension types (independent suspension).

The coil over strut has become the first choice for suspension design for vehicle manufacturers these days. Suspension Supplies Australia offer well-designed coil over struts that will provide you uncompromised ride performance while controlling the dampening rate

- Height adjustable for fine-tuning of ride height
- Supplied with new upper bushes in most applications
- Pre-fitted with lower rubber bushes
- Nitrogen and charged twin tube design
- 35mm piston
- High quality finish
- Sintered iron piston
- Durability and maximum shock performance
- Heavy duty compression head
- Reliable performance under extreme conditions



















Steering Damper

The steering damper is the shock absorber of your steering. It is designed to dampen the shock load caused when your vehicle hits a hole or bump in the road, reducing the shimmy and vibration. Suspension Supplies Australia offers high-quality foam cell steering dampers for a wide range of vehicles

Torsion Bars

The straight spring is often overlooked when replacing suspension systems. Replacing with factory torsion bars may not always solve the problem. As per any spring material, the OEM torsion bar will sag over time and lose its strength. BlueMax Torsion bars offer an increased rate over factory torsion bars, which will also deal with the additional accessories fitted to your vehicle.

Strut Mounts

Suspension Supplies Australia offers replacement strut mounts for a widerange of vehicles, manufactured as a direct replacement to the original

Polyurethane Leaf Spring Bushes

Suspension Supplies Australia recommends Polyurethane bushes for use with Blue/Max range of greaseable swing shackles and fixed pins. Designed and manufactured in Australia, these bushes feature grooves for grease distribution and retention providing an extended life for all of the moving components.

U-Bolts

A very important part of the suspension on the leaf sprung vehicles is the u-bolts. These u-bolts effectively hold your leaf springs onto the differential housing, keeping everything together. It is important to replace the u-bolts when the springs are removed or replaced. U-bolts are made specific to your vehicle and spring combination, and are finished with a zinc coating for superior corrosion resistance.

Greaseable Shackles

Greaseable swing shackles are an important part of the leaf spring suspension system. They attach to one end of the spring allowing for the leaf spring to work through length changes during suspension articulation. Shackles are made of high-quality steel and are zinc coated for superior corrosion resistance. By being greaseable, they offer an extended life. These are always best used with Blue/Max Polyurethane bushes.

Greaseable Fixed Pin

The greaseable fixed pin is used to attach the leaf spring to the vehicle at the opposite end to the swing shackle. Suspension Supplies Australia's greaseable fixed pins are made of high-quality steel then zinc coated for superior corrosion resistance and greaseable for extended life. These are always best used with BlueMax Polyurethane bushes.

Our Promise to you:

At Suspension Supplies Australia we stand by our BlueMax branded suspension product 100%. You can be assured that the BlueMax product is of the highest quality available on the market. We are constantly refining, developing and pioneering new products and strive to be the market leaders in suspension development.



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