

Suspension Range

PROUDLY SUPPLIED BY
onesteel

Lovells U-Bolts

Manufactured from high tensile premium quality cold formed rod, incorporating rolled threads to ensure material structure continuity and increased strength. Lovells U-Bolts are coated with a rust preventative for long life and come complete with high tensile deep nuts and spring washers.



Lovells Shackles and Pins



Manufactured using finest quality materials and case hardened to 0.2mm, to provide greater resistance to wear, thus increasing pin and bush life. Machined load bearing surfaces allow for increased dispersion and coverage of grease, which greatly improves performance and reduces shackle and pin deterioration. All Lovells shackles, plates and pins are manufactured to exceed Original Equipment specifications. The majority of Lovells shackles and pins are fully greasable with easily accessible grease nipples and come complete with nuts and washers.

Lovells Heavy Torsion Bars

Lovells heavy duty Torsion Bars are available as an upgrade to enhance the load carrying ability of vehicles which have independent front ends. Lovells torsion bars are manufactured from larger diameter bar than original equipment which will increase spring rate and maintain ride height when the vehicle is fitted with load bearing accessories (LBA) over the front e.g. bull bar, winch. Lovells torsion bars feature 'upset' forged ends which increase strength by improving the steel structure and rolled splines.



Lovells Springs
Pty Ltd ABN 70 000 184 716

New South Wales

Unit 6, 25-31 Airds Rd
PO Box 5126, Minto BC
MINTO NSW 2566

Ph. +61 2 9820 6800
Fax. +61 2 9820 6788
Email: sales@lovells.com.au

Please contact us for your nearest
Lovells Distributer or Stockist or check our website at

www.lovells.com.au

Distributed By



LOVELLS SUSPENSION FOR THE RIDE OF YOUR LIFE



PROUDLY SUPPLIED BY
onesteel

Springs

PROUDLY SUPPLIED BY
onesteel

Why are Springs Replaced?

Lovells Springs achieve improvements in:

- **Ride Height**

To restore a vehicle to its original standard ride height when the original springs have sagged or weakened.

To raise the vehicle for increased ground clearance and load carrying capabilities e.g. Towing, LPG tanks and other Load Bearing Accessories.

- **Handling**

Lovells spring ratings exceed that of Original Equipment springs by 10%–50% (depending on the application), therefore handling is dramatically improved by controlling excessive body roll and brake dive.

- **Load Carrying**

Lovells offer a vast range of heavy duty uprated coil and leaf springs to increase the vehicle's load carrying capabilities and maintain stability when laden. For example when towing, fitted with LPG or other Load Bearing accessories such as bull bars, winches etc.

- **Comfort**

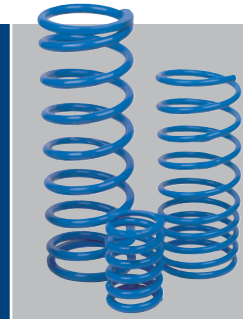
Lovells Springs offer a range of height options that, enhance the customers comfort.



Lovells Coil Springs-

Lovells Springs are designed as a superior replacement part for original equipment coil springs. They exceed original ratings by 10%–50%, thus handling is dramatically improved. Many ride height variations are available for most makes of vehicles.

Many Lovells coil springs are of Progressive Rate design. This design enables a spring to increase in spring rate when you need it; ensuring the ultimate in handling and ride comfort. 5 YEAR WARRANTY.



Lovells Leaf Springs



Lovells offer a vast range of semi elliptic leaf springs to satisfy popular ride height variations, and load carrying capabilities. These leaf springs serve to position the axle, dampen vertical deflection and cushion both driving torque and brake reaction. 2 YEAR WARRANTY.

Lovells Urethane Suspension Components

Lovells offer an Australian made urethane suspension bush that permits a comfortable ride, associated with rubber bushes, yet with the crisp handling, geometry control and durability of urethane. The technology allows #60, #75 durometer urethane to survive the hardest of suspension applications.



Suspension Range

PROUDLY SUPPLIED BY
onesteel

Suspension Range

PROUDLY SUPPLIED BY
onesteel

Lovells 4x4 Shock Absorbers



Designed and manufactured for Australia's toughest conditions. Lovells offer two designs, dependant on the application:

Gas Legend Twin-Tube Gas Charged:

35mm bore and big 50mm tube design provides up to twice the oil capacity of Original Equipment shock absorbers to maximize fade resistance, run cooler and allow faster reaction time to road changes. Gas Legend Twin-Tube shock absorbers have a multi stage valving system to allow a progressive dampening effect from slow to fast piston velocity thus automatically adjusting to all conditions. All shafts are manufactured from a huge 16mm hardened chrome shaft, precision engineered to withstand the hardest of environments, while reducing friction and wear.

Piston rod seals are high quality, high temperature multi-lip design to again reduce friction and provide longer life. Lovells Gas Legend shock absorbers are gas charged with low pressure nitrogen gas to maximize fade resistance under extreme conditions without harshness while providing more responsive control. All eyes and pin mounts are double welded for extra strength and long life. Majority of the range are long travel design to allow fitment with all Lovells spring parts numbers and ensure maximum wheel contact at all times. All Lovells Gas Legend Shock Absorbers are covered by a 2 year/ 40,000km warranty.

Gas Legend Mono-Tube Shock Absorbers:

The Gas Legend Mono-Tube shock absorber body is fabricated using a custom extrusion method, which is seamless, pressure resistant, and features extremely smooth working surfaces. The piston rod is manufactured from induction hardened steel that has been hard chrome plated for maximum wear resistance. The extension and compression movements are controlled by a plate spring which regulates the flow of oil on both sides of the piston. With removable shims, valving combinations ensure infinite damping design and controls. The mono-tube design operates with a dividing piston which separates an oil column from a gas pressurized (high pressure) compartment. The purpose of this design allows for compressed of space for the oil which is displaced when the piston rod is compression and when the oil is heated while operating. The movable (floating piston) transmits the gas pressure onto the oil column. All Lovells Gas Legend Shock Absorbers are covered by a 2 year/ 40,000km warranty.