



SportsRyder

Few companies have played such a significant role in the manufacture of aftermarket performance suspension and brake components like Pedders. Since the 1950's, Pedders has continually set new benchmarks in creating high quality, durable and cost effective vehicle steering, suspension and braking systems. After becoming a market leader in this highly specialised field, the late 1970's saw Pedders embrace a radical new approach to suspension development; a program geared toward putting the driver back in control.

Enter Pedders SportsRyder Suspension & Brake Components...

The Pedders SportsRyder range of performance products represents the pinnacle in high –performance, tuned sports suspension and brakes.

With the driving enthusiast in mind, each SportsRyder product has been precision engineered to realize the maximum potential from a vehicle's chassis. Directly aimed at fulfilling the needs of car owners who wish to extract the most of their vehicle's dynamics, Pedders SportsRyder products sharpen a vehicle's handling characteristics with the result equating to improved roadhandling, ride quality, traction, braking and control.

Our comprehensive range of SportsRyder coil springs, shock-absorbers, adjustable coilovers, suspension bushes, sway bar links, strut mounts, brakes and alignment products have been specifically designed to both enhance the vehicle's presence and put the driver in control of its on-road behavior.

After all, Pedders SportsRyder is "performance inspired by pit lane".



Coil Springs

Coil springs are the foundations of the modern suspension system. Their spring rate and 'loaded' or installed height are fundamental in influencing chassis dynamics, vehicle balance and ride quality. And of course, the loaded height determines the vehicle's ride height and its 'trim' or attitude.

Pedders SportsRyder coils are designed and engineered in Australia to the highest quality standards to deliver unrivalled performance, consistency and reliability.

Behind the superior performance of SportsRyder coil springs is Pedders' decades of experience in suspension development and tuning, combined with state-of-the-art manufacturing processes.

The primary function of performance springs is to provide suspension travel which allows the tyres to follow the bumps and depressions in the road surface, while maintaining dynamic camber, i.e. the angle of the tyres and wheels in relation to the road while the car is in motion.



Coil Springs

For precise vehicle balance and handling, the spring rate must be matched to the weight of the car and the other suspension component. It must also be matched with the rate of the shock absorbers or struts to provide the required degree of wheel and tyre control.

The handling of most vehicles is substantially improved by making a minor increase in the original spring rate to a rate which reduces body roll. This in turn aids tyre adhesion without causing undue harshness or rigidity. Sports Ryder coils will enhance the tyre footprint on the road, thus improving traction and will also improve performance and overall handling.

Pedders coil spring design and manufacture is undertaken at our Melbourne facility. Its a craft which requires strict adherence to a demanding series of procedures, all of which are critical to the performance of the final product.

- Premium quality grade steel.
- Stress relieved.
- 100% Quality inspected.
- Loaded height and rate tested.
- Powder-coated for longevity.
- 2 Year/40,000Km warranty.



Shock Absorbers

Pedders has built its reputation on the ability to fine tune shock valving for precision handling and ride control. Utmost durability is also part of Pedders' commitment to our customers. All Pedders shocks and struts are manufactured with features specially designed for long life performance and reliability.

Beyond all else, Pedders has a comprehensive range to meet the needs of all drivers and applications.

The gas-charged GSR SportsRyder shock range use tailored nitrogen gas pressure to enable precise control without compromising on ride comfort.

Gas SportsRyder sealed struts and cartridges are high performance, heavy duty replacement units which deliver a new standard of comfort and road holding ability for today's hi-tech vehicles.



Bushes and Wheel Alignment

Bushes are used to locate and align suspension and steering parts. Worn bushes can cause rapid tyre wear, loose or pulling steering and also lead to increased braking distances and unsafe handling.

Pedders' urethane bushes make an ideal replacement, offering a high capacity to bear tension, compression and friction. They are also well suited to applications that require firm suspension control.

And while your vehicle is being fitted with Pedders' urethane bushes, why not have the wheel alignment checked. Poor wheel alignment, while damaging to tyres, can also result in unsafe driving conditions.

Apart from uneven tyre wear, other warning signs of incorrect wheel alignment include play or slack in the steering wheel, vibration in the steering wheel at certain speeds, a tendency for the car to pull to one side when in motion and overly light or heavy steering.

If your vehicle is showing any of these symptoms, take it to your nearest Pedders Suspension store for a comprehensive Brake, Steering and Suspension Check. Pedders recommends a suspension inspection every 12 months.



eXtreme XA

Pedders SportsRyder shock absorbers and struts combine the most advanced technology with Pedders' renowned expertise in the fine tuning of damping rates for superior handling. At the forefront of sports suspension is Pedders eXtreme XA, height adjustable coil-over built to Pedders stringent quality standards.

Pedders eXtreme XA is the result of our commitment to being a leader in the steering and suspension industry with outstanding product success in both the motorsport arena and sports performance markets.

The Pedders SportsRyder eXtreme XA adjustable coil over features a 30 position adjustable bump and rebound damping setting at the **CLICK** of a button which enables you to fine **TUNE** your suspension for whenever you want to **PLAY**.



SuperCar Coilover Kit

Pedders SportsRyder Supercar Adjustable Coilover Kit offers eXtreme ride control for the hardcore enthusiast. SportsRyder Supercar Coilover kits are the most advanced solution for your Holden VT to VE Commodore and Ford BA to FG Falcon sedans.

The separate bump and rebound adjustment allows the driver to dial in the “setup” of the cars handling balance just like the race teams do.

Add to that full height adjustment from the base mounts that maintains bump and droop travel on all four corners and you have a premium suspension system, tuneable to individual needs.



***Supercar performance
at your fingertips.***



The Pedders Racing 86
out in front at Bathurst.

Pedders Slotted and Geomet Coated Disc Brake Rotors

With a curved slotted design these brake rotors are the premium upgrade or replacement solution for your vehicle.

Features and Benefits:

- Made from the highest grade raw materials and manufactured with the highest precision.
- Curved slotted design.
- Designed for consistent brake pedal feel.
- Geomet coated for better anti-corrosion protection.
- High wear resistance.
- Improved heat dissipation.
- Premium upgrade performance Rotor.





Geomet Coating for better anti-corrosion protection.



Made from the highest-grade raw materials and manufactured to the highest possible standards.



Slot designs developed to Improve performance, endurance and heat dispensation.



Improved cooling efficiency in high temperature conditions.



Pedders is Australia's Number 1 chain of under-car specialist stores. We offer a comprehensive range of products and services for all suspension, braking, towing, load carrying and steering needs to suit passenger cars, four-wheel drives, light commercials and high performance vehicles.

Since 1950 Pedders has been designing, manufacturing, selling, fitting and servicing its world class products through its own network of warehousing, service and authorised dealer centres throughout the world.

Every Pedders store offers the most comprehensive specialist under-car diagnosis and repairs with unmatched courteous advice and service. Pedders' range of high quality parts is backed by the commitment of our service centres and regional authorised dealers who are only too happy to offer advice on how you can improve your vehicle's ride, braking, towing, handling and steering.



Warranty

Pedders Suspension and Brakes provides a comprehensive two-year, 40,000km nation wide warranty on Pedders brand-name products designed for road use, including shock absorbers, struts, springs, brakes and steering gears. #



#Some exceptions apply. Please contact your local store for further information.

www.pedders.com.au