

Coil Springs

Original Equipped Coil Springs are prone to sagging (especially the rear) and therefore cannot satisfactorily carry increased loads.

Dobinsons Spring & Suspension™ manufacture after market Coil Springs to restore the ride height with our improved Design Coils. In most cases, the coil is 20% - 40% stronger than the original OEM Spring.

This gives better Load Carrying capacity for Heavy Loads and enhances Road Handling while also improving towing capacities.

Design Technology

Dobinsons Spring & Suspension™ computers have a design that allows the spring to maximise what is expected of the spring:

- Better Load Carrying
- Better Handling
- Height Requirements
- Greater Towing capacity

Powder Coat Finish

The powder coat finish is baked on to give a lasting protective coat to help eliminate rust.

State of the Art Heat Treatment

Heat treatment is unseen and is the most important process in the coil spring manufacturing process. Hardening and tempering is completed by a very accurate electronically controlled furnace to eliminate breakage.

Shot Peened

Coils are shot peened to give longer life.

Precise End Configurations

Engineered Coil Ends are designed to fit the vehicle correctly.

Fully Scragged and Load Tested

All coils are scragged 100% to eliminate subsequent spring sag and load tested to ensure that they meet and maintain the required specifications.

Formed on Precision Mandrels

Each coil is precisely placed by a programmable logic computer to achieve perfect pitch. This is very important in Variable and Progressive Rate Springs.

Dobinsons Spring & Suspension™ also have in some cases a Progressive Rate Design Spring to suit some particular vehicle needs.

The Progressive Rate Spring Design provides both an excellent ride unladen and a much-needed increase in load carrying capacity when required.

This is achieved by making the Pitch Distance between the Coils closer together at one end leaving less active coils working in the spring. This increases the rate tremendously, giving better load carrying capacity.

Dobinsons Spring & Suspension™ have a large range of Coil Springs available and are continuously adding as each new model is released.

Regardless of your vehicle choice, Dobinsons Spring & Suspension™ has a coil that can transform your ride and handling characteristics for on road vehicles and off road vehicles.