

Dobinsons

SPRING & SUSPENSION



9149 8671, 9282 4224

COIL SPRINGS



Dobinsons proudly boast one of the worlds largest range of coil springs including raised height and heavy duty 4wd springs, lowered performance passenger car springs, O.E. replacement springs and heavy duty springs for commercial vehicles.

As Dobinsons coil springs are manufactured in-house, Dobinsons can manufacture smaller quantities and in most cases there are many different coil spring options available for your vehicle. This ensures the customer receives the best spring to suit their application and avoids a "One Size Fits All" scenario, especially important when selecting the correct spring rates and ride heights. When matched with a set of corresponding Dobinsons Shock Absorbers, Dobinsons can provide you with unrivalled performance and handling.

MANUFACTURED WITH PRECISION

Each coil spring is precisely wound by a programmable logic computer to achieve perfect pitch. This precision is extremely important when manufacturing variable and progressive rate coil springs. Engineered coil ends are designed to fit directly into the original vehicle mounting points without any modification.

LEAF SPRINGS



DESIGN

Our design engineers ensure that all our leaf springs are designed specially for each vehicle model, with consideration given to the load and height requirements for each application.

Design is one of the most important stages in the leaf spring manufacturing process, and with over 60 years of design and manufacturing experience, we recognise the importance of this.

Design features include Drawn, tapered and thinned leaf ends for even stress distribution over the entire spring pack, two stage spring design for the rear of most vehicles to achieve optimum ride and handling both laden and unladen and carefully selected leaf lengths and thickness's to maximize the spring life, comfort, load carrying capacity, wheel travel and performance.

TWIN TUBE NITRO-GAS



FEATURES:

- ▶ DIRECT BOLT-IN O.E. REPLACEMENT
- ▶ STEEL DUST COVER FOR ADDED PROTECTION*
- ▶ 35MM & 32MM BORE SIZE
- ▶ DOUBLE CHROMED 18MM ROD
- ▶ 60MM & 51MM BODY SIZE
- ▶ HIGH QUALITY FUCH'S OIL
- ▶ NOK MULTI-LIP SEALS
- ▶ TEFLON PISTON RINGS
- ▶ LONGER EXTENDED LENGTHS*
- ▶ TWIN-TUBE BIG-BORE DESIGN
- ▶ VEHICLE & WEIGHT SPECIFIC VALVING
- ▶ NATURAL RUBBER BUSHINGS

*Where Applicable

IFP MONOTUBE SHOCK ABSORBERS



FEATURES:

-  50 / 60MM CNC MACHINED HIGH FLOW BILLET ALUMINIUM RACE PISTON
-  T6 6061 HEIGHT ADJUSTABLE SPRING SEAT*
-  CARBON-FIBRE /PTFE/DISULPHIDE COMPOSITE WEAR BAND
-  INTERNAL FLOATING PISTON
-  HIGH QUALITY O.E.M GRADE NATURAL RUBBER BUSHINGS
-  EDP SURFACE PROTECTION - RUBBER BUSHINGS
-  SINGLE PIECE LOWER LEG*
-  HEAVY DUTY BODY
-  DIRECT, BOLT-ON DESIGN
-  HEAVY DUTY 3 STAGE FKM HNBR SEALING SYSTEM

*Where Applicable

MRR 3-WAY ADJUSTABLE

**10
STAGE**

**HIGH SPEED
COMPRESSION
ADJUSTMENT**

**20
STAGE**

**LOW SPEED
COMPRESSION
ADJUSTMENT**

**15
STAGE**

**REBOUND
ADJUSTMENT**

FEATURES:

-  50 / 60MM CNC MACHINED HIGH FLOW BILLET ALUMINIUM RACE PISTON
-  3MM THICK HEAVY DUTY DOM SEAMLESS 56MM / 66MM O.D. SHOCK BODY PRECISION HONED TO +/- 0.04MM
-  UPGRADED 3 STAGE FKM-HNBR SEALING SYSTEM
-  TSUGAMI™ CNC MACHINED COMPONENTS FOR PRECISE TOLERANCES
-  PARKER™ BRAIDED HIGH PRESSURE HOSES
-  5140 HV900 HARD CHROME PLATED, HEAT TREATED 18 / 22MM MICRO-POLISHED HIGH STRENGTH SHOCK SHAFT WITH A MINIMUM TENSILE STRENGTH EXCEEDING 700MPA
-  T6 6061 HEIGHT ADJUSTABLE SPRING SEAT*
-  CARBON-FIBRE/PTFE/DISULPHIDE COMPOSITE WEAR BAND FOR THE ULTIMATE IN LOW-FRICTION, LOW WEAR PERFORMANCE
-  60MM 6063 ALUMINIUM REMOTE RESERVOIR
-  LIGHTWEIGHT CNC MACHINED LOW FRICTION FLOATING PISTON
-  HIGH QUALITY O.E.M. GRADE NATURAL RUBBER BUSHINGS
-  FULLY REBUILD-ABLE DESIGN
-  SINGLE PIECE LOWER LEG*
-  EDP SURFACE PROTECTION
-  DIRECT BOLT-ON DESIGN
-  CNC TIG PRECISION WELDED BODY END MOUNTS

*Where Applicable





WINCHES



AIR COMPRESSORS



BULL BARS



LED LIGHTS