



# **COMPLETE SUSPENSION SOLUTIONS**



**[WWW.TOUGHDOG.COM.AU](http://WWW.TOUGHDOG.COM.AU)**





# FOAM CELL

# ADJUSTABLE



## SPECIFICATIONS

Bore Size: **40mm**

Rod Size: **18mm**

Outer Casing: **60mm**

## FEATURES

- Foam cell technology
- Twin tube design
- Hydraulic rebound stop
- High temperature all weather oil
- Reinforced welded mounting points
- Multi stage velocity sensitive valving



## SPECIFICATIONS

Bore Size: **40mm**

Rod Size: **18mm**

Outer Casing: **60mm**

## FEATURES

- 9 Stage adjustable settings
- Twin tube design
- Hydraulic rebound stop
- High temperature all weather oil
- Reinforced welded mounting points
- Adjustable internal bypass with foam cell sleeve





# BIG BORE ADJUSTABLE

# BIG BORE RALPH



## SPECIFICATIONS

Bore Size: **45mm**  
Rod Size: **22mm**  
Outer Casing: **70mm**

## FEATURES

- 9 Stage adjustable settings
- Twin tube design
- Hydraulic rebound stop
- High temperature all weather oil
- Reinforced welded mounting points
- Adjustable internal bypass with foam cell sleeve



## SPECIFICATIONS

Bore Size: **50mm**  
Rod Size: **20mm**  
Outer Casing: **70mm**

## FEATURES

- Foam cell technology
- Twin tube design
- Hydraulic rebound stop
- High temperature all weather oil
- Reinforced welded mounting points
- Multi stage velocity sensitive valving





## COIL SPRINGS



### SPECIFICATIONS

- High stress X5K spring steel used
- Bar peeled to remove imperfections
- Formed on precision mandrels
- Oil quenched, hardened & tempered
- Shot peened to relieve stress
- Scragged & load tested
- Dipped with a phosphate coating for corrosion protection
- Powder coated with an epoxy powder

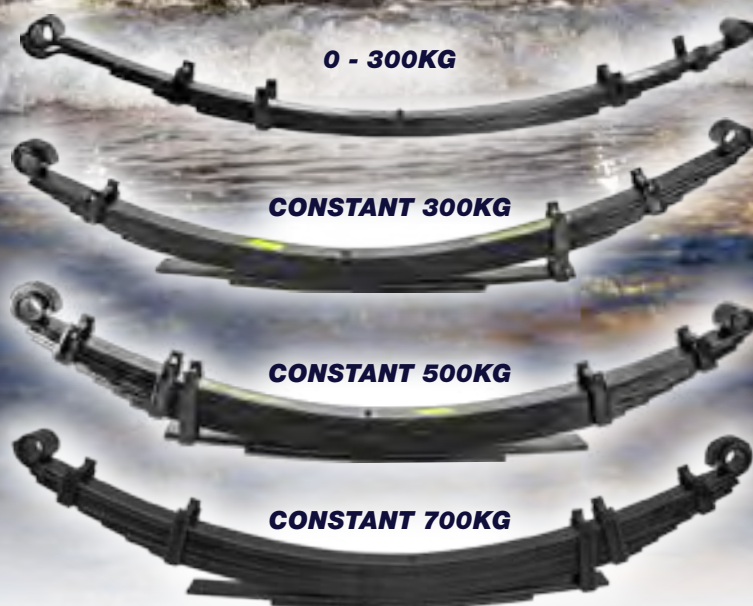
## COIL INSERT AIRBAGS

### SPECIFICATIONS

- Suitable for coil spring vehicles
- Made in USA
- 5-60psi capacity
- Laser cut & powder coated brackets
- Reduces sway & body roll
- Heavy duty high density polyurethane construction



## LEAF SPRINGS



### SPECIFICATIONS

- Military wrap
- Fully scragged and load tested
- Shot peened
- Anti friction pads, bolt clamps and liners
- Draw tapered and diamond cut leaves
- Precision mandrel & die formed
- Oil quenched, hardened & tempered for maximum life
- Manufactured from high grade spring steel

## BELLOWS AIRBAGS

### SPECIFICATIONS

- Suitable for leaf spring vehicles
- Made in USA
- 5-100psi capacity
- Laser cut & powder coated brackets
- Zinc plated roll plates top & bottom
- Heavy duty rubber construction
- Crimped nylon end caps
- Reduces sway & body roll







## UPPER CONTROL ARMS



When an IFS vehicle is fitted with a suspension lift, the original caster and camber specifications are pushed outside the acceptable limit. The vehicle loses caster which makes the steering vague, and positive camber is introduced, which contributes to uneven and accelerated tyre wear.

Tough Dog Upper Control Arms help get the maximum performance and lifespan from your tyres, suspension and steering components.

## STEERING DAMPERS



Quality steering components go a long way to alleviating driver fatigue. Rough and unforgiving road surfaces can transfer through the wheels and up to the steering wheel.

- SV 9 Stage Adjustable
- EXT Heavy Duty
- RTC (Return to Centre)
- XHD RTC (Return to Centre)

## PANHARD RODS

Adjustable panhard rods allow the axle to be re-centered under the vehicle after the height has been modified. Tough Dog panhard rods are bent from a single solid bar for strength (33mm - most applications), and are adjustable to cover a broad range of vehicle heights.



## TORSION BAR

Tough Dog Performance 4WD Torsion Bars offer a spring rate that is approximately 30% higher than OEM torsion bars. Optimise your 4WD's ride & handling characteristics with quality torsion bars from Tough Dog!







## WORLD WIDE DEALER NETWORK

Find your nearest dealer at | [www.toughdog.com.au/dealerlocator](http://www.toughdog.com.au/dealerlocator)

Contact our dedicated team | [enquiry@4waysuspension.com.au](mailto:enquiry@4waysuspension.com.au)

Phone | (+61) 2 9672 8899

