



**THE 4x4 SUSPENSION EXPERTS**

# SHOCK ABSORBERS

## IFP MONOTUBE SHOCK ABSORBER



Ford Ranger Strut & Patrol/Landcruiser Rear Shock

Dobinsons IMS monotube shock absorbers are designed for next level performance over twin tube shocks in those hot, harsh, demanding conditions. By utilising the monotube design, Dobinsons IMS shock absorbers are able to resist fade far longer on corrugated roads, long or hard working 4WD trips, towing or racing conditions.

The larger 50 and 60mm high flow pistons reduce internal pressures, reduce the heat generated, transfer heat to the body for faster cooling and offer improved damping performance and vehicle control at higher shaft speeds on rough terrain and during big impacts. Threaded bodies on struts allow for fine tuning of height and offer further improvements in cooling. The micro-polished, hard chromed and heat treat shock shaft, CNC aluminium high flow race inspired piston, and DOM seamless tubing body provides the ultimate in performance and off-road durability.

Composite piston wear bands, high quality Fuchs oil and a race style 3-stage sealing system offer the lowest levels of friction whilst maintaining durability and longevity without the need for frequent rebuilding or servicing. Dobinsons team of engineers spend hundreds of hours of testing and tuning the shim stacks and damping Characteristics in each IMS shock to ensure a balance of comfort, handling, vehicle control and off-road performance - Enjoy the ride

[www.dobinsonsprings.com](http://www.dobinsonsprings.com)

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### Features

- ▶ Fully re-buildable and re-valvable
- ▶ High quality components and long-life design eliminates the need for frequent rebuilding or servicing
- ▶ Zero shock fade in all terrains with full load
- ▶ Direct, bolt-on replacement for easy fitment
- ▶ Corrosion resistant (EDP Surface Protection)
- ▶ Heavy duty single piece lower leg
- ▶ Enormous oil capacity
- ▶ Heavy Duty 3 Stage FKM HNBR Sealing System for the ultimate in reliability
- ▶ Race inspired hi-flow CNC 6061 Billet alloy piston – for the ultimate in offroad handling

### 56mm/2.2" Bodied Series

- ▶ 50mm hi-flow CNC 6061 Billet alloy piston - 50mm bore - Vehicle specific fitment - Suitable for most lighter vehicles

### 66mm/2.6" Bodied Series

- ▶ 60mm hi-flow CNC 6061 Billet alloy piston - 60mm bore - Vehicle specific fitment - Suitable for most heavier vehicles



Patrol/Landcruiser Rear Shock



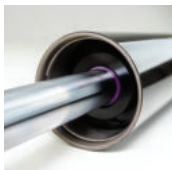
Amarok Front Strut



- ▶ 50 / 60mm CNC Machined High Flow Billet Aluminium Race Piston



- ▶ Lightweight CNC Machined Low Friction Internal Floating Piston



- ▶ 3mm Thick Heavy Duty DOM Seamless 56mm / 66mm O.D. shock Body Precision Honed to +/- 0.04mm



- ▶ High Quality O.E.M. Grade Natural Rubber Bushings



- ▶ Carbon-Fibre/PTFE/Disulphide composite wear band for the ultimate in low-friction, low-wear performance



- ▶ Single Piece Lower Leg\*



- ▶ T6 6061 Height Adjustable Spring Seat\*



- ▶ EDP Surface Protection

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