



The Protector™ Winch Bull Bar



Raises
the **bar** in 4x4
accessories





RUN COOL WITH IRONMAN 4x4 SNORKELS

AIRFORCE SNORKEL

Whether you are crossing the desert or a river, you can rest assured that you have the protection of the Ironman AirForce Snorkel

- Increased air for improved performance
- Increased air intake height for safe water crossings
- High quality UV resistant polyethylene (LLPDE) for long life

Available for:

Toyota

Hilux 2005+
Prado 120
Prado 90 Petrol
LC100 & 105
LC80 All
LC75/78/79
LC70 Series
Landcruiser 200

Nissan

Navara D40
Pathfinder R51
Patrol GU
Patrol GQ

Other Models

Ford Ranger 07-
Mitsubishi Triton 06-





LUXURY ROOFTOP TENT & ANNEX

- A Raised 'climate cover' flysheet to control temperature and reduce condensation
- B Pop up window awning
- C Flyscreen windows
- D Premium quality waterproof, breathable ripstop canvas
- E Lightweight aluminium and insulated floor
- F Luxury 65mm high density foam mattress
- G Retractable aluminium ladder with entrance under cover
- H YKK zips

- Rugged 1000D waterproof PVC 'on car' cover
- Size 1.4m wide x 2.4m long x 1.3m high
- Easy set up in less than a minute
- Complete with all tools and instructions
- High lift extension kit available (req. when tent sits above 1.9m)

(Annex included)



YOUR 5-STAR CAMPING EXPERIENCE



INSTANT AWNING

- A** Waterproof, breathable ripstop canvas
 - B** 100% UV protection and mould resistant
 - C** Guy ropes and pegs included
 - D** Self-supporting, quick to set up
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- Mounts directly to most roof bars and racks
 - Optional mosquito netting available
 - Size: 2.0m long x 2.5m wide
 - Rugged 1000D waterproof PVC cover





SAFER, STRONGER,

Coil Springs:

B6 & B7 level armoured vehicles are loaded with up to double the vehicles standard weight, which far exceeds the rated GVM of the original vehicle manufacturer.

Ironman 4x4 Coil Springs are computer and rig designed to specifically support the higher weight ratio of the armoured vehicle.

- SUP 9 Spring Steel
- Cold Wound
- Shot Peened
- Scragged
- Load Tested
- Powder Coated



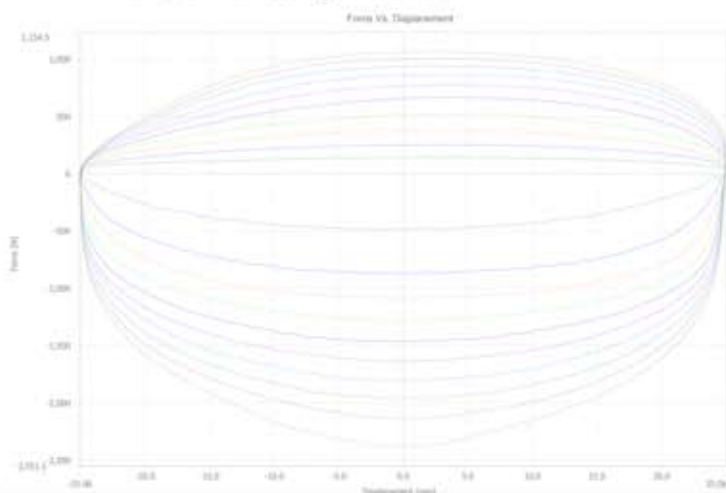
SMARTER 4X4 SUSPENSION

Shock/Absorbers:

With heavier vehicle loads and increased spring rates; Ironman 4x4 Shock Absorbers are effective in controlling the spring and vehicle turn in, particularly evident on an armoured vehicle.

Ironman 4x4 has the facilities to extensively test and develop shock absorbers, resulting in matched valving to suit the increased spring rate from Ironman springs. 41mm Piston with Foam Cell technology has proven to be the logical choice.

- 41mm Piston
- Foam Cell Technology
- Durable Load Bearing Rubber Bushes
- Height Adjustable Struts
- Long Travel
- Heavy Duty Tube Walls
- Re-enforced Eye and Stem Mountings
- Force Velocity Tested





Wireless Remote Control



Winching

a vehicle can be dangerous, and Ironman believe the addition of it's new small and handy remote control to be vital for safety. The features of the wireless remote control are as follows;

- Wireless Remote with a range of 50 metres.
- Fitted with individual "ON/OFF" switch.
- Individually programmed to avoid accidental activation.
- Battery isolation switch to prevent any accidental use of the wireless remote.



Winch Motor



- Upgraded 5.5HP / 4.3Kw motor with increased heat protection to all internal wiring.
- Sealed waterproof bearings added to both ends of armature for better stability and friction.
- Special O rings added for improved sealing.
- Improved cooling through the addition of an external heat sink.
- Individually balanced armature for improved operation at high speed.
- Zinc coated casing for added protection against moisture.

Winch Damper Safety Blanket

Each winch comes complete with the Ironman Winch Damper Safety Blanket.

The Safety blanket, made from heavy duty vinyl will absorb the energy stored in the cable in the unlikely event of a cable failure. The damper has reflector strips for extra safety in low light and a internal pocket to add extra weight or carry additional equipment



MONSTER Winch

12Volt Wireless & Waterproof



Waterproof Control Box

- Waterproofed control box has been sealed to resist water contamination and resist the possibility of "shorting out".
- Tungsten Tipped waterproof solenoids have been used to specifically provide long life performance and resist arcing.



Gear Box

- Upgraded gear box design with hardened gears to eliminate float for precise operation.
- Improved sliding clutch with straight cut gears to eliminate "gearbox slip".
- Improved clutch handle design to allow for easier use.
- Clutch handle has been "notched" to ensure handle lock.
- Premium quality high temperature lithium grease to reduce the effect of heat, water and oxidization.
- New Ironman stamped end cap for better sealing.

Additional Features



- Each winch is Ironman stamped for traceability.
- New Automatic Cam Lock Brake System for greater safety.
- 4m plug-in hand controller included.



NEW

IRONMAN 4x4 FOAM CELL STRUTS

Foam-Cell

Adding to the already impressive range of Ironman Nitro Gas struts, Ironman 4x4 now offer Struts with the proven *Foam Cell Technology*, especially designed for more extreme offroad applications.



41mm Bore & Piston

Extra large oil capacity and massive piston surface area allow more oil than ever before and the ability for Ironman to fine tune the valve performance with greater accuracy.

Perfectly matched to larger size vehicles where space permits.

18mm Piston Rod

Volumetrically matched to the 41mm bore and piston.

Maximum strength and rigidity for long stroke and high load applications.

Double chrome hardened for protection against damage.

Foam Cell Technology

A gas impregnated sheet of Closed Cell Foam is positioned inside the shock absorber to replace the floating gas.

This separates the oil and gas, allowing full oil contact with the outer casing to radiate heat away from the shock absorber more effectively.

Larger Oil Capacity

50% more oil than the Nitro Gas Shock Absorber.

More oil means more heat absorption resulting in longer lasting efficiency.

High quality german Fuchs shock absorber fluid.



Country Wide Call 0860 476 662

www.ironman4x4.co.za

NEW

IRONMAN 4x4 FOAM CELL STRUTS

Ironman Foam Cell struts will continue to utilise the versatile height adjustable strut trim packer system.



APPLICATION CHART

MODEL	APPLICATION	PART No.
TOYOTA	Prado 90/95	24691FE
TOYOTA	Prado 120, Hilux 150, FJ Cruiser	24710FE
MITSUBISHI	Pajero / Montero NM-NS	24713FE
MITSUBISHI	Triton / L200, Pajero Sport / Challenger	24715FE
NISSAN	Navara D40, Pathfinder R51, Xterra	24716FE
TOYOTA	Prado 150	24750FE
TOYOTA	Landcruiser 200	24720FE
NISSAN	Patrol Y62	24740FE

STRUT TRIM PACKER

MODEL	APPLICATION	PART No.
All	5mm Trim Packer	HILFR05F
All	10mm Trim Packer	HILFR10F
All	15mm Trim Packer	HILFR15F



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