

PRODUCT GUIDE



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1800 624 444

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OL opposite lock
4WD & Vehicle Accessories

THE TRACK TESTER

G'day fellow adventurers,

Welcome to the wonderful world of Opposite Lock! With 56 stores nation-wide and a network that's growing bigger and better every year, Opposite Lock offers all the benefits of bulk buying power with none of the restrictions of the 'one brand fits all' outfits. Opposite Lock customers benefit from better prices on a wider range of products and fully backed by nation-wide warranty and service. You could call that the Ultimate Adventure Guarantee!

When you combine over forty years of group experience selling, fitting and servicing almost every brand of aftermarket product available with the knowledge and enthusiasm of local store managers and staff, you can see why people in the know trust Opposite Lock to get them set for adventure. Unlike other stores, your local Opposite Lock is able to supply and fit whatever works best for what you've got in mind. That's why you'll see the most trusted brands in the business on their shelves and at better prices too.

Australia's a tough country on vehicles. Huge distances and our small population means there's more adventure than anywhere on earth if you've got a four wheel drive as long as it's equipped to survive. Bar work, driving lights, extra water and fuel capabilities, better suspension that'll make for a comfortable and safe ride, these are just some of the things that'll give a standard truck real track-eating capabilities.

But there's a world of choice out there when it comes to products and it's too easy to fall into the trap of paying too much for a name

or buying something nasty that's going to let you down when you really need it. Australia's too big to muck around so if you're serious about setting up a vehicle you need good advice from people who are passionate about what they do. And you need to know the products that'll most benefit your truck are being fitted correctly too.

I've had a long relationship with Opposite Lock so it wasn't that much of a surprise when they asked me if I'd like to take on the role of Track Tester. To be frank, I don't think any other company would be game to take a Roothy on in such a role! OL's Managing Director himself told me they wanted honest and straight forward reporting on both the products in the range already and ones they were thinking of for the future which was a deal clincher for me. Having made a career out of traveling the bush and encouraging people to get out there themselves, I know good vehicle preparation is everything.

Yep, I feel at home with these guys and I reckon you will too. At Opposite Lock you'll find enthusiasts just like me, people who love what they do and want to help you build the best possible vehicle to get you out there adventuring too.

So don't muck around. Get on down to your local Opposite Lock store and let the adventure begin! Opposite Lock - **Adventure Driven!**





PROTECTION

Protecting your vehicle and its passengers should be the first thing you look at when fitting out your 4x4. Opposite Lock provides a large range of front, side and rear protection.





STEEL BULLBARS



Opposite Lock has a range of bullbars to suit your vehicle, including Steel, Alloy and Polyethylene. Each bar has their own benefits and Opposite Lock will help you make the right decision.

Bullbars are the staple of the 4x4 world, not only do they help protect your vehicle and its vital mechanics, they provide mounting options for other vehicle accessories including winches, lights, antannaes, they define the look of your vehicle and make it stand out from the rest.

Steel, Alloy or Poly, each bar has its benefits and Opposite Lock staff will be happy to explain them in detail. Come in store and get up close to see for yourself and get the right advice, every time.



THE OPPOSITE LOCK PRODUCTION PROCESS

Designed in Australia using the latest vehicle scanning technology, for the most accurate and best fitting bullbars on the market.

Before a bullbar can be released to the public, it must first pass through a series of complex design, build, test, safety and production phases.

Opposite Lock bullbars only make it to market when they pass all of these strict internal policies and guidelines, so you know when you choose to have an Opposite Lock bullbar fitted to your vehicle, you're getting the best.



PROTECTION



3D VEHICLE SCANNING

The first step in the development of any OL bullbar is to digitally scan the physical front end of the project vehicle, this gives our engineers a perfect three dimensional representation of the vehicles front end.



AUTOCAD DESIGN

Engineers then use the 3D scan to design a bar that follows the natural contours of the vehicle, this process also eliminates potential fitment issues and unappealing joining gaps between the bar and chassis.



FITTING & TESTING

A test bar is manufactured to the engineers specifications and is both test fitted in our plant in Thailand and testing facilities in Australia. Engineers and fitment officers then compare notes and make refinements as needed.



PROTOTYPE

After the initial design is complete, a prototype is developed for ADR certification and testing. We also run the bar through our own real world field tests to measure vehicle response and make any alterations to the aesthetic should it be required.



SAFETY AND COMPLIANCE

The prototype is then independently tested to ensure it adheres to ADR69/00 (*Full Frontal Impact Occupant Protection*). Once the bar has passed its ADR (*Australian Design Rule*) tests, it then goes back to our engineers for their final sign off.



FULL SCALE MANUFACTURE

After all previous steps are completed our bars are then ready to go to full scale production in our plant in Thailand. Following a strict quality control procedure, they're then shipped directly to our holding facilities in Australia.



SINGLE-LOOP PRESTIGE BULLBARS

The Opposite Lock Single-Loop Prestige Bar is one of the most popular and reliable steel bullbars available on the market today.

Made from premium grade steel the Single-Loop Prestige Bar not only looks great, but also has the same superior upper bar strength as the Fleet and Prestige Bar range.

The Single-Loop Prestige Bar also comes standard with fog light provision and low mount winch provisions built into the bumper channel as standard. As with all Opposite Lock bullbars, every Single-Loop Prestige Bar is styled to suit the contours of each specific application of

vehicle. Single-Loop Prestige Bars have a central 3 inch centre loop with enough clearance to allow the inclusion of driving lights, ease of access for winch recovery and is positioned close enough to the vehicles front to look good without hindering bonnet access.

ALL PRESTIGE BULLBARS FEATURE:

- Tapered four or five-folded wing design, which improves strength and approach angle of the vehicle.
- Central or three-piece protection plates for current generation vehicles to reduce the chance of damage to your engine.

- Mounting brackets that provide airbag compatibility and are designed to ensure maximum strength.
- Low mount electric winch mounts.
- Recessed LED indicator lenses, reducing the risk of damage.
- Provisions for high-lift jacking points.





POST-TYPE BULLBARS

The Opposite Lock Post-Type Premium Bar is based on a more traditional style with two heavy-duty uprights in the centre of the bar. Popular among many off roaders, the Post-Type Premium Bullbar comes with fog light provision and low mount winch provisions built into the bumper channel as standard.

Post-Type bars use plate steel that is laser cut as one piece and forms part of the mounting bracket for maximum durability; 2 inch steel loops are fully welded to the bar base for superior strength in any incident.

ALL PREMIUM BULLBARS FEATURE:

- Central split air dam, which maintains airflow to the engine and improves strength in full frontal crashes.
- Heavy-duty over-riders protecting the bar against accidental nudging.
- Provision for installing recessed fog lights.
- Low mount electric winch mounts.
- Three CB aerial mounts (one driver, two passenger side) with a quick-fit cut-out
- Recessed LED indicator lenses, reducing the risk of damage.
- Phosphate cleaned and saturn black powder coated for extra durability.
- Provisions for high-lift jacking points.





TRIPLE-LOOP PREMIUM BULLBARS

The Opposite Lock Premium Bar contains all the features expected from many serious 4WD'ers in Australia today.

It contains all the same quality components as the Post-Type Bullbar as well as having optional spotlights available built into the bar with a quick connection system so you can duplicate the functionality of OEM fog lights. Because it's an Opposite Lock Bullbar you know you are going to get a good-looking, functional and reliable bar that works when you need it.

All Opposite Lock Premium Bars have optional

- high-quality 95mm diameter recessed spotlights available for vehicles with OEM front proximity sensors.
- ALL PREMIUM BULLBARS FEATURE:**
- Central split air dam, which maintains airflow to the engine and improves strength in full frontal crashes.
 - Heavy-duty over-riders protecting the bar against accidental nudging.
 - Provision for installing recessed fog lights.
 - Low mount electric winch mounts.

- Three CB aerial mounts (one driver, two passenger side) with a quick-fit cut-out
- Recessed LED indicator lenses, reducing the risk of damage.
- Phosphate cleaned and saturn black powder coated for extra durability.
- Provisions for high-lift jacking points.





TRIPLE-LOOP FLEET BULLBARS

The Opposite Lock Fleet Bar is a solid and functional performer at a price that ensures you get maximum bang for your buck. By simplifying the external design of the bar, you get effective frontal protection at a competitive price. All fleet bars use exactly the same mount design as the the Premium bars, so you still get ADR airbag compatibility and the peace-of-mind that you're well protected.

All Opposite Lock Fleet Bars come in the same popular triple-loop design and have the same strong central loop and bar base found in the Prestige range. The entire Fleet range also have winch mounting points, LED indicators and

also come with small poly overrides to protect against accidental nudging.

It's as practical and strong as any other bar in the Opposite Lock range, and for a fraction of the cost.

ALL FLEET BULLBARS FEATURE:

- Central split air dam, which maintains airflow to the engine and improves strength in full frontal crashes.
- Low mount electric winch mounts.
- Three CB aerial mounts (one driver, two passenger side) with a quick-fit cut-out

- Recessed LED indicator lenses, reducing the risk of damage.
- Phosphate cleaned and saturn black powder coated for extra durability.
- Provisions for high-lift jacking points.



WORLD'S BEST ALLOY BULLBARS



UP TO 2X THICKER
THAN OTHER ALLOY BARS



Fully Welded Gussets



Strength in Materials



Specifically Engineered Mounts



STRONGEST BUILT • BEST ENGINEERED • AUSTRALIAN MADE

- Thick hi-tensile alloy materials as much as 2x thicker than other leading brands
- Fully Welded Construction - We weld our tubes and channels together, no screws here!
- One-Piece Bumper Section formed from 6mm hi-tensile alloy
- Fully Welded Gussets - Every gusset has a purpose!
- Lightweight: save money on fuel, compared to steel products
- Reduced wear & tear on tyres and suspension
- No unnecessary suspension upgrades, saves you money
- Every bar & mounting system is specifically designed to best suit your vehicle
- Australians have the highest need for bullbars than any other country in the world. We bring 40 years of experience when designing and building the best bullbar for your vehicle.
- The World's Best Bullbars are Australian made

ECB.COM.AU



Major Corporate
Partner of the Australian
Rally Championship



**WORLD'S BEST
ALLOY BULLBARS**



ECB ALLOY BULLBARS

ECB Big Tube Bars incorporate either a full bumper replacement or a bumper over design. The Big Tube™ Bar wraps around the front of the vehicle to form an incredibly secure and strong fit.

All bars feature a 6mm thick hi-tensile alloy one piece channel section, with a fully welded construction consisting of 76 x 4.75mm centre tube and either 63 x 4.2mm or 47 x 3.25mm fully gusseted shoulder tubes and a fully braced lower protection skirt.

LED Indicator/Park lights with optional fog lights come standard on most East Coast Bullbars.

Winch bars are also available on selected models.

All Big Tube Bar channel sections are manufactured from one piece of 6mm thick, Hi Tensile precision plasma cut alloy. This means the ultimate strength for the most important part of the bar.

Being manufactured from one piece, ensures consistent strength from end to end and is much thicker at 6mm than other bullbars.

ECB Big Tube Bars take full advantage of our strength in materials, as well as engineered in strength.

PRODUCT FEATURES:

- ADR & Air Bag compliant
- Air Directional Cooling Vents
- CB Aerial Bracket on selected models
- ECB LED Indicator/Park Lamps ICLED100
- Lifetime Warranty
- Choice of superior finishes





IT PAYS TO BE READY



Front Protection Products from EGR

Nudge Bars



Nudge Bars defend the front of your vehicle – on the open road, and in the parking lot.

EGR Nudge Bars are built with 3mm thick tubing (76mm in diameter), use quality 6000 series alloy, and feature a polished mirror finish.



EGR Nudge Bar Range		
Ford FG Falcon	2008–	•
Ford FG Falcon Ute	2008–	•
Ford Ranger PX	2011–	•
Great Wall V-Series		•
Holden Captiva 7	June 2011–	•
Holden Colorado RC	2008–2012	•
Holden Colorado RG	2012–	•
Holden Commode VE	2007–	•
Holden VE Ute	2007–2013	•
Hyundai iLoad & iMax	2008–	•
Hyundai ix35	2010–	•
Isuzu D-Max	2008–2011	•
Kia Sportage	2010–	•
Mitsubishi Pajero	2006–	•
Mitsubishi Triton MN	2009–	•
Nissan Navara D40	2005–2014	•
Nissan Pathfinder R51	2005–2012	•
Subaru Forester	2008–2012	•
Toyota HiLux	2005–	•
Toyota Kluger	2010–2013	•
Toyota Landcruiser 200	2008–	•
Toyota Prado 150	2010–2013	•
Toyota Rav4	2006–2012	•
Volkswagen Amarok	2011–	•

Bull Bars



Fully press-formed alloy with a mirror polish finish, EGR Bull Bars integrate thoroughly with each vehicle, maximising protection and visual appeal.

They're independently tested, regulation compliant, and airbag compatible.

EGR Bull Bar Range		
Holden Colorado RG	2012–	•
Volkswagen Amarok	2011–	•

Note: Bullbars are not winch compatible.



EGR ALLOY BARS



EGR's growing range of high quality 4x4 Accessories are now branching out to include a range of Bull Bars. Kicking off with a full press formed Alloy Bull Bar for the Volkswagen Amarok.

Nudge Bars defend the front of your vehicle, whether from wildlife hazards on the open road, or other drivers in the parking lot.

They add protection and style, and provide peace-of-mind. They're also useful as a mounting platform for antennas and driving lights for those who don't require or want a full front end replacement bullbar.

EGR Nudge Bars are built with 3mm thick tubing (76mm in diameter), use quality 6000 series alloy, and feature a polished mirror finish. All of EGR's Nudge Bars are independently tested, and airbag compatible.

PRODUCT FEATURES:

- ADR & Air Bag compliant
- Polished Finish
- Driving lights and aerial mounts
- Available in high and low loop options
- Extensive range





XROX[®]

FRONT BARS

Road legal, born from racing, Outback Accessories XROX range delivers what you need – extreme off-road capabilities, serious good looks, and the durability that only Australian design and manufacture from real steel delivers.

XROX gives you the protection you need with the clearance you crave, greatly improved approach angles, and real defence for your bodywork.

Lighter than 'traditional' bullbars, but with all the strength of real deal tubular steel, XROX Front Bars offer maximum versatility with eight in-built recovery points – two jack points, four tow hook positions and two recovery eye locations – nine mounting points for lights, aerials and sand flags, plus provision for a low-mount winch.

- BUILT-IN RECOVERY POINTS
- 'WINGED' DESIGN FOR EASY REPAIR /REPLACEMENT
- BEAD BLASTED, ZINC PLATED AND HEAVY-DUTY POWDER COATED
- AVAILABLE IN BLACK OR COLOUR-CODED



SLIDERS

Save your sills and enjoy some serious rock-hopping ability with a set of Outback Accessories XROX Sliders. Designed to offer maximum clearance and maximum protection, XROX sliders are rugged to keep you rolling over practically anything!

- BUILT-IN HI-LIFT JACKING POINTS



GET REAL DEAL STEEL-

COMPETITION PERFORMANCE, EXTREME OFF-ROAD LOOKS, AND REAL STEEL DURABILITY

REAR BARS

Put some serious strength behind you with Outback Accessories XROX Rear Bars. Unique chassis-mounted twin tube 'winged' design wraps around three-quarter panels for real side and rear protection – on or off the road.

With Outback Accessories XROX Rear Bars you get competition looks, clearance and departure angles, with the convenience of a chequer-plate step, ability to retain stock or aftermarket tow bars, and a choice of centre sections so you can run high or low-mount number plates for the look you want.

If you're running an XROX bar up front, you're definitely going to want one of these guarding your back.

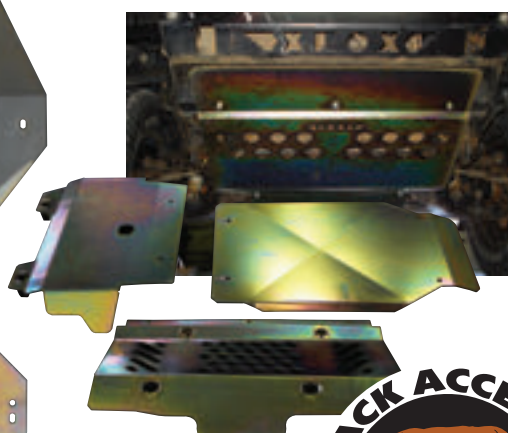
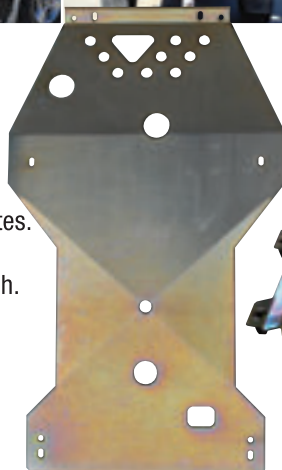
- BEAD BLASTED, ZINC PLATED AND HEAVY-DUTY POWDER COATED
- AVAILABLE IN BLACK OR COLOUR-CODED
- BUILT-IN HI-LIFT JACKING POINTS
- 'WINGED' DESIGN FOR EASY REPAIR/REPLACEMENT



BASH PLATES

Don't risk damage to your sump and transmission, back up your XROX barwork with Outback Accessories XROX Bash Plates. Precision engineered for a perfect fit and easy access to drain plugs, XROX Bash Plates will keep you going in the rough.

- 3mm ZINC-PLATED STEEL



ASK FOR OUTBACK





XROX BARS

Outback Accessories specialises in steel 4x4 products. The company was established more than two decades ago and quickly earned a reputation for rugged, reliable equipment that was more than a match for the rigours of outback travel.

Outback Accessories manufactures the now famous Xrox bullbar. Steel cross over tube bullbars are the ultimate in offroad and hard terrain driving.

The steep incline of the side wings allow for greater approach angles by giving the wheels more upward clearance and free them to turn for difficult ascents.

Each bar contains 9 multi-function tags for the fitment of aerials, spotlights and sand flags, giving the option for a truly modular fitout.

The X-Rox bars are also coated in a durable zinc undercoat to help prevent the possible development of corrosion and surface rust.

X-Rox Bullbars are also bead blasted and coated in a heavy-duty powder coat for a tough and professional finish.

The unique three-piece design also allows for simple shipping and easier repair or parts replacement.

PRODUCT FEATURES:

- 9x aerial/spotlight/sand flag tags
- Designed for 'extreme offroad' use
- 2x recovery hook positions
- Durable zinc undercoat
- Increased approach angle
- 2x jacking positions





POLY BULLBARS

Smart Bar is a wholly Australian initiated and owned company. The hands on approach to manufacturing a Poly Bar gives Smart Bar total control over each of the core processes necessary to create their product, resulting in optimal quality and consistent production.

Utilising advanced design capabilities found in the hollow polyethylene construction of Smart Bars, impact is absorbed by the bar and then the obstruction is propelled forward or to the side (dependent on the impact position and obstruction).

Other VFPS manufacturers use C-section steel or C-section aluminium, which under impact crumples to absorb the external force.

This technology has been used for years but does increase the risk of essential engine component damage, potentially immobilising the vehicle.

With Smart Bar absorbing the majority of the impact, damage to the front end of the vehicle is minimised. The Smart Bar itself can compress up to 85% of its width upon impact and return to 95% of its original shape within minutes of the impact.

PRODUCT FEATURES:

- Specifically engineered for safety
- Chip and rust resistant
- Easily fitted, winch option available
- Recyclable polyethylene material
- Can restore own shape after impact
- Exceeds Australian Standards for pedestrian safety



PRODUCT
SPECIFICATIONS:



Toyota Hilux SmartBar

SmartBar- a lighter, stronger, safer, greener and smarter alternative to impact resistant bull and nudge bars - now offers even more safety for Toyota owners.

Specifically designed for the **Toyota Hilux (07/2011+)**, the latest model of the Vehicle Frontal Protection System blends seamlessly to the contours of the vehicle, maintaining the intended aesthetics of the Toyota design while providing unparalleled safety.



Features:

- The five star ANCAP safety rating for the Toyota Hilux is maintained when a SmartBar is fitted.
- *ANCAP have not provided any information on the effects of the SmartBar on pedestrian safety Air Bag compatible
- Meets full Australian Standards
- SmartBar exceeds the HIC (Head Injury Criteria) producing a figure well below the Australian Standard rating of 1500, so pedestrians have a much higher probability of surviving an impact
- Weight savings provides improved fuel economy and reduced tyre, suspension and brake wear when compared to Steel & Alloy alternatives

Hilux with SmartBar	Offset Frontal test Score
	14.58 (out of 16)
Hilux Vehicle only	Offset Frontal test Score
	12.86 (out of 16)

SRS AIRBAG ✓

ADR ✓

AS 4876.1 ✓

HIC ✓



The smart choice in vehicle safety.
www.smartbar.com.au



PRODUCT
SPECIFICATIONS:



Holden Colorado RG Smartbar

SmartBar- a lighter, stronger, safer, greener and smarter alternative to impact resistant bull and nudge bars, offering even more safety for Colorado owners.

Specifically designed for the **Holden Colorado RG**, the latest model of the Vehicle Frontal Protection System blends seamlessly to the contours of the vehicle, maintaining the intended aesthetics of the Holden design while providing unparalleled safety.



Features:

The five star ANCAP safety rating for the Holden Colorado is maintained when a SmartBar is fitted.

*ANCAP have not provided any information on the effects of the SmartBar on pedestrian safety

Air Bag compatible

Meets full Australian Standards

SmartBar is tested to ensure a HIC (Head Injury Criteria) figure well below the Australian Standard rating of 1500, so pedestrians have a much higher probability of surviving an impact

Colorado with SmartBar	Offset Frontal test Score
	14.50 (out of 16)



The smart choice in vehicle safety.
www.smartbar.com.au



SIDE AND REAR PROTECTION



REAR STEP AND TOWBAR



PROTECTION

A rear step and towbar combination is about the most effective way to utilise the back end of your vehicle, especially with dual cab utes. It combines the practicality of towing, access, recovery and protection into one solid and reliable unit.

The Opposite Lock Rear Step and Towbar offers a variety of uses for a wide range owners. The wide tube loops eliminate rear end damage when offroading or can take the brunt of mishaps in a parking lot.

The tow hitch is a heavy duty 50mm receiver made for the maximum rating of the applied vehicle, so it'll take big loads with no hassle. Slide in a recovery hitch and it becomes a recovery point for pulling a mate out, or getting someone to pull you out!

The aluminium checkered plate step is wide enough to use for that all important boost up to the roof or to get into the back, but shallow enough to not foul on terrain when navigating through drop offs or ditches when offroading.

The steel plate guard also protects your wiring harness and surrounds, as well as incorporating two hi-lift jacking points.

On top of all that, they're proudly Australian made!



BRUSH RAILS



Brush Bars can be indispensable when fighting back against tight tracks, closed in rocky points and dangling tree branches.

Bullbars, side steps and rear bars are a pretty solid solution for the protection of your vehicle from frontal damage, but the side flares and panels up the front end can be the most prone to accidental strikes when navigating tricky terrain.

A set of Brush Rails might be the cheapest investment in the protection of your paintwork you ever make.

SIDE STEPS



Fitting sidesteps helps protect your sills and makes it easier to climb in and out of your 4x4,

Opposite Lock manufacture both polished and matte finish alloy extrusions that won't harbour dirt, grit or mud as well as a range of heavy duty powder-coated steel side steps.

Opposite Lock side steps can be upgraded with Brush Rails at a later date too should you decide you need them further down the track.

ROCK SLIDERS



Rock Sliders are for those seeking serious sill protection for ramp-over performance.

In comparison, OEM steps provide less protection for more added weight. If you're serious about crawling over rocks, rock sliders might be the best option for you.



REAL DEAL STEEL

BULL BARS STEEL-RUGGED AND RELIABLE

Strong, stylish and practical, Outback Accessories bars are engineered to take on the toughest terrain and give you the optimum in front-end protection.

Airbag compatible and ADR compliant, Outback Accessories bars have all the features you need for outback or urban travel.

- DRIVING LIGHT & AERIAL MOUNTS
- HI-LIFT JACKING POINTS
- RECESSED LED LIGHTS
- AVAILABLE WITH OR WITHOUT WINCH MOUNT
- SAND BLASTED, ZINC PLATED & POWDER COATED IN SATIN BLACK OR COLOUR-CODED



BATTERY TRAYS

MOUNT THAT DUAL BATTERY SAFELY AND SECURELY

There's no better way to mount a second battery than an Outback Accessories Auxiliary Battery Tray. Designed to carry the largest possible battery under-bonnet space will allow, Outback Accessories battery trays incorporate an essential 'firewall' and are made from strong 2mm steel, precision formed and MIG welded, Outback Accessories battery trays come as a complete kit with all fitting gear and instructions. And, because they're powder coated for extra corrosion resistance, you can be sure they'll last!



REMOTE WINCH CRADLES

Move your winch front to rear with Outback Accessories handy remote winch cradle.



HI-LIFT JACK HOLDER

Put that jack where you'll need it. Right there on your spare wheel carrier.



AERIAL MOUNTS

Mount your CB and UHF aerials out of harms way with Outback Accessories sturdy wheel carrier aerial mounts.



ASK FOR OUTBACK





COMPLETE YOUR CAB

Side Protection Products from EGR



 NO DRILL FITMENT

 INDEPENDENTLY TESTED

Side Steps

Increase accessibility and loading safety with EGR Side Steps, custom designed for each vehicle.

Featuring an anti-slip tread, EGR Side Steps are made from extruded aluminium, and available in a Clear Anodised or Black Anodised finish.



EGR Side Step Range	
Ford Ranger PX 2011–	•
Great Wall V-Series	•
Holden Colorado RG 2012–	•
Isuzu D-Max 2012–	•

EGR Side Step Range	
Mazda BT-50 B32P 2011–	•
Toyota HiLux 2005–	•
Volkswagen Amarok 2011–	•



 NO DRILL FITMENT

Fender Flares

Formed from UV-stable ABS plastic, EGR Fender Flares add protection and style to your vehicle.

Using existing vehicle attachment points and custom hardware, our Fender Flares require no drilling for fitment – installation is quick and easy.



EGR Fender Flare Range	
Ford Ranger PX 2011–	•
Toyota HiLux 2008–	•
Toyota Landcruiser 70 2008–	•



REAR BARS & ACCESSORY HOLDERS



The rear bar and step range from Outback Accessories offers the most rugged and durable rear protection offroad option on the market. Made in Australia to endure the toughest terrains.

The heavy duty replacement rear bars from Outback Accessories are developed for serious protection and terrain performance.

Made in Australia from quality steel, these bars are engineered to take on the most demanding situations.

They offer significant improvements to ground clearance and departure angles and make recovery simpler with integrated jacking points.

They can be used solely as a rear step and protection system or paired with caddy arms to carry spare wheels, jerry cans and more.

Rear bars can also be equipped to carry additional 4x4 accessories, such as Hi-Lift Jacks, Shovels, Jerry Cans, Aerials and LED Work Lamps. Talk to Opposite Lock today about equipping your 4x4 with a rear bar solution to suit your offroading needs.



REAR WHEEL CARRIERS



The rear bar from Outback Accessories can be easily upgraded to include a range of heavy duty modular carry arms.

Whether you're looking to carry spare wheels, water, fuel, recovery accessories or camping equipment, look no further than the range from Outback Accessories.

With the ability to pick and choose what you carry on the side of your choice, as well as options for additional holders for extras like hi-lift jacks, camp lights, aerials or outboard motors, the rigging options start to become diverse and highly tailored to whatever touring you choose to undertake.



TWIN WHEEL CADDY



Designed to carry up to two 35" tyres, the twin wheel carrier from Outback Accessories has become a legend in quality rear wheel systems.

Easy action gas struts smooth the opening and closing action and lock into place without pins, so you can move your spare wheels out of the way for quick access to the rear of your vehicle and re-secure the spares fast and with ease.

Aside from the obvious benefit of being able to carry two spare wheels instead of one, with your spare wheels out from under the vehicle, you will have greater underbody clearance as well as more storage on top, inside and under your 4x4.

SINGLE WHEEL CADDY



Get rid of that inconvenient 'under the bumper' spare tyre, improve your ground clearance and carry your spare safely and securely with Outback Accessories Single Caddy.

Mounted to the chassis over the bumper, the Single Caddy gives a fully integrated look and frees up under-body space so you can fit Long Range or LPG fuel tanks.

The Single Wheel Caddy also retains the existing bumper, so you don't have to worry about modifying or cutting into the existing body. They also have waterproof LED lights, heavy duty pivots and sealed bearings as well as a rattle-free fully adjustable over centre catch for securing the wheel in place.

JERRY CAN HOLDER



The dual Jerry Can holder swing arm from Outback Accessories is the ideal solution for travellers looking to securely carry additional fuel and water supplies on long or remote trips.

Keeping jerry cans and water containers on the back of your vehicle reduces load and clearance issues and also negates the need to lay the cans down risking leaks.

It also frees up space inside the cab and stops interior spills and odours ruining your big trip. Keep the wet and smelly stuff outside and out of the way.



SINGLE CADDY

BUMPER-MOUNT WHEEL CARRIER GIVES EASY ACCESS TO SPARE & IMPROVES GROUND CLEARANCE

Get rid of that inconvenient 'under the bumper' spare tyre, improve your ground clearance, and carry your spare safely and securely in an easily accessible place with Outback Accessories Single Caddy wheel carrier.

Mounted to the chassis, over the bumper, the Single Caddy gives a 'fully integrated' look and frees up under-body space so you can fit LPG or long-range fuel tanks.

Practical, and aesthetically pleasing, Caddy wheel carriers are also easy to live with thanks to gas struts which give an effortless, smooth opening action and lock into place without fiddly, easy-to-lose pins.

- RETAINS EXISTING BUMPER
- EASY-ACTION GAS STRUT – OPENS & LOCKS SECURELY WITHOUT PINS
- WATERPROOF LED LIGHTS
- RATTLE-FREE, FULLY ADJUSTABLE OVER-CENTRE LATCH MECHANISM
- ALL STEEL CONSTRUCTION
- BEAD BLASTED, ZINC COATED AND HEAVY-DUTY POWDER-COATED
- FULL PARTS AVAILABILITY



OPTION UP WITH
JACK, LIGHT &
AERIAL MOUNTS



UNIQUE EASY-ACTION
GAS STRUT SMOOTHES
OPENING & CLOSING
ACTION & LOCKS INTO
PLACE WITHOUT PINS



REAL DEAL STEEL





TWIN CADDY

BUMPER-REPLACEMENT WHEEL CARRIER - THE ULTIMATE IN PROTECTION, DURABILITY AND FUNCTION

Developed to handle the toughest terrain, Outback Accessories Twin Caddy wheel carrier gives you the ultimate in rear-end protection, improved off-road ability, and the safety and security of dual spares.

Replacing the bulky standard bumper, and moving the manufacturer's low-hanging spare to a more convenient, safer location, Twin Caddy significantly improves ground clearance and departure angles, and helps to make recovery easier with built-in jacking points.

Practical, and aesthetically pleasing, Caddy wheel carriers are also easy to live with thanks to gas struts which give an effortless, smooth opening action and lock into place without fiddly, easy-to-lose pins.

- REPLACES STANDARD BUMPER FOR IMPROVED CLEARANCE & DEPARTURE ANGLES
- BUILT-IN HI-LIFT JACKING POINTS
- EASY-ACTION GAS STRUT – OPENS & LOCKS SECURELY WITHOUT PINS
- HEAVY-DUTY PIVOTS & SEALED BEARINGS
- RECESSED WATERPROOF LED LIGHTS
- RATTLE-FREE, FULLY ADJUSTABLE OVER-CENTRE LATCH MECHANISM
- ULTRA STURDY STEEL CONSTRUCTION
- BEAD BLASTED, ZINC COATED AND HEAVY-DUTY POWDER-COATED
- NON-SLIP ALUMINIUM STEP PLATE
- SUITS MOST QUALITY TOW BARS
- FULL PARTS AVAILABILITY



OPTION UP WITH LIGHT MOUNTS,
AERIAL MOUNTS, DOUBLE JERRY CAN HOLDER,
JACK HOLDERS, OUTBOARD MOTOR HOLDER
...AND MORE!

UNIQUE
EASY-ACTION GAS
STRUT SMOOTHES
OPENING AND
CLOSING ACTION AND
LOCKS INTO PLACE
WITHOUT PINS



REAL DEAL STEEL



EPIC Protector

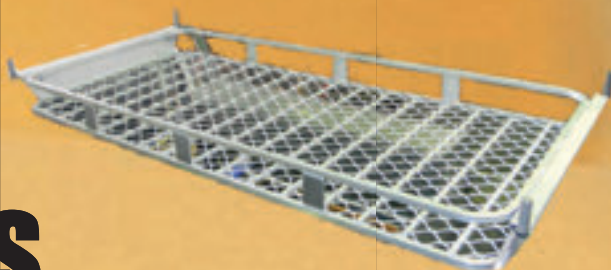
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EDS

FABRICATIONS



UNDERBODY PROTECTION

Underbody Protection is often an overlooked 4x4 vehicle accessory, but one that should always be considered when venturing offroad through unforgiving terrain.

The old adage “Prevention is better than cure” may well have been written with vehicle underbody protection in mind.

A reputable set of standard protective guards mounted under a vehicle will cost somewhere between \$400 and \$700. This is an insignificant amount when compared to the cost of repairing serious damage resulting from a collision with an unfriendly rock or tree stump.

- Points to look for when choosing quality underbody protection:
- Guards are typically made from steel around 3mm thick. The strength to weight ratio of this thickness material is a good compromise.
 - Look for guards that get optimal coverage of the critical components on the vehicle.
 - Drain holes are a personal choice

Cost of vehicle damage aside, 4x4 adventuring typically takes us to beautiful but often remote parts of the country.

The last thing one wants is to have to abandon a damaged vehicle in the middle of nowhere, where roadside assistance fear to tread!



A white truck is driving on a red dirt road, kicking up a large cloud of dust. The truck is on the left side of the frame, and the dust is a thick, yellowish-brown cloud that fills the upper half of the image. The ground is a mix of red dirt and small stones.

TOWING

Australia has some pretty tough terrain and some of the longest stretches of road in the world. Opposite Lock will make sure you've got the right towing setup to haul your load for those long trips.

Put your faith in a towing legend!



For all your towing needs

Hayman Reese caters for all your towing needs from Towbars & Towing Accessories, to Weight Distribution, Sway Control, Fifth Wheel Hitches, Goosenecks, Brake Control Units and Wiring Solutions. Whatever your towing requirements, Hayman Reese has you covered!



Towbars & Towing
Accessories



Weight Distribution
& Sway Control



Fifth Wheel Hitches
& Goosenecks



Brake Control
Units

Available at your local Opposite Lock store

haymanreese.com.au

HAYMAN REESE TOWBARS

TOWING

Towing without a Weight Distribution System can cause unnerving trailer sway, reduced steering and braking responsiveness and less traction.

When using a Weight Distribution System, the ball weight remains the same, however the load is evenly distributed through the vehicle's chassis to all four wheels. It is important that the capacity of the Weight Distribution System is correctly chosen and that the vehicle manufacturer's recommendations are always followed.

The Standard Kit is comprised of round, hook style high performance spring bars with integrated cams. Round spring bars allow for more clearance for trailers with 6" chassis. The system shares the same shank as the Classic Kit and also has a light weight cast steel head.

Use of a Weight Distribution System may over time lead to a reduction in fuel economy and increased tyre wear.



BRAKE CONTROLLERS



Australian road rules state that all trailers with a GTM exceeding 750kgs must have brakes. Fortunately, Hayman Reese has a range of brake controls to suit your needs.

The Sentinel unit is for simple operation, features slim design and a wide range of mounting options make it the perfect choice for today's towing vehicles. The Sentinel has no moving parts or pendulums to adjust and it can be mounted in virtually any position.

The Guardian IQ allows you to incrementally increase the sensitivity of the brake control's inertia sensor, further enhancing the participation of trailer brakes during a brake event. You can quickly change the Boost setting to optimise your unit to cope with your towing situation.

ADJUSTABLE MOUNTS



Adjustable Ball Mounts give you the crucial option to raise or lower the mount point of trailer or caravan, eliminating awkward and inconvenient travel heights.

Hayman Reese Adjustable Ball Mounts are fabricated from a cast mould, enabling tow weight capacities as high as 3.5 tonnes. With up to 7 adjustable height positions and 3 horizontal positioning holes, you are assured an Adjustable Ball Mount will provide the optimal balanced mount.

SWAY CONTROL



A sway controller is designed to be used in conjunction with a Hayman Reese Weight Distribution System and prevents trailer sway by retarding the pivotal movement between the tow hitch and the trailer. Hayman Reese offer two variations, the Friction Sway Control and the Dual Cam High Performance Sway Control.

The Friction Sway controller manages sway by using friction material and a sliding bar with an adjustable lever to regulate the movement of the trailer.

The Dual Cam creates a "rigid" connection between tow vehicle and trailer and minimises the effects of induced sway caused by high crosswinds or passing vehicles. Usually the spring bars ride in a locked-in position, even on fairly sharp curves.

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AUSTRALIA'S FIRST FULL REPLACEMENT TOWING MIRROR

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- Jeep Grand Cherokee 2010-Current
- Mazda BT-50 2012-Current
- Mitsubishi Triton I Challenger 2005-Current
- Mitsubishi Pajero 2001-Current
- Nissan Navara D40 I 550 I Pathfinder
- Nissan Patrol GU I Y61
- Toyota Hilux 2005-Current
- Toyota LandCruiser 75-79 Series
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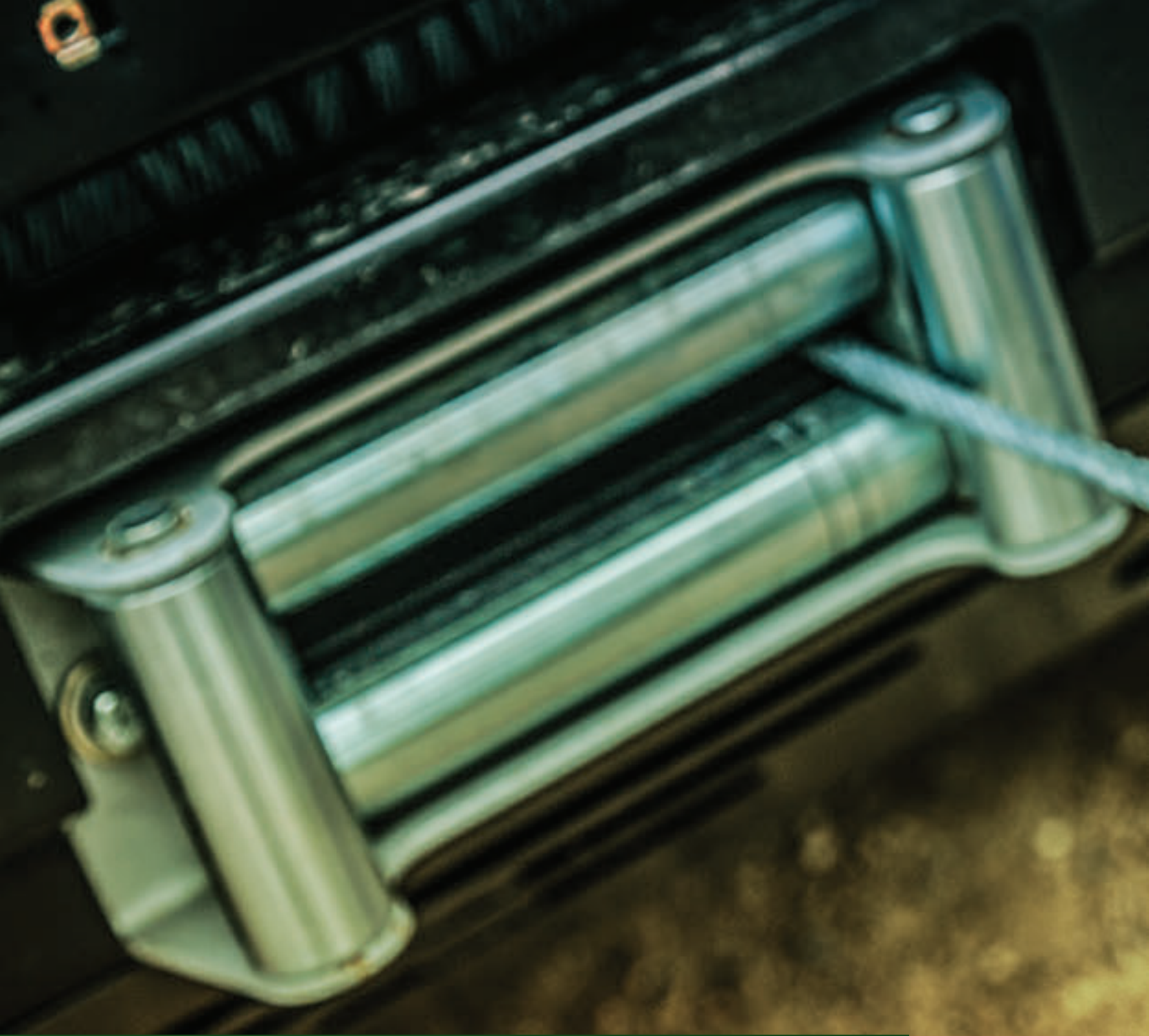
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WINCHES & RECOVERY

Make sure you have right gear to get out of those tight spots when venturing offroad.



WINCHES



A winch is the absolute duck's nuts for a solo recovery, for that time when you've got the truck stuck hard and there's nobody around to pluck you out. Yep, a good winch can be a life saver for anyone contemplating a bit of adventure off-road in Australia because no matter what the map says, there's always a chance something's changed!

So my first winching tip is simple - get a decent winch and get it fitted right! A winch is no use if it's not working and that means you've got to start with a reputable brand. The difference is often very subtle, things like decent water sealing and real carbon brushes in the motor instead of copper strips. Most winches will pull hard straight out of the box but it's what they do a year or so after you've stuck them through a creek or two that's the important bit.

So given Opposite Lock's philosophy of doing the right thing by their customers it's great to see that they stock what I consider to be the three best winches in the business. Let's face it, Warn winches are a proven thing. The first Warn I ran on Milo was still working six years later but that was six years of use that'd be the equivalent to twenty anywhere else! Yep, the old green girl's got a habit of sitting down in mud puddles and hanging off cliffs...

And when I did replace it, more as a precaution than anything else, it was with a KingOne. I'd heard the lads raving about this new brand which was cleaning up all the serious winching tests so I had to try it for myself. It's still there four years later, still copping an absolute pizzling and still capable of plucking Milo and me out of any sticky situation. Two great brands to choose from for starters but then I pulled down one of the new VRS winches - designed right here in Australia - and what do I find? Yep, things like a double lipped seal design on the drum to keep water out of the gearbox and a three stage planetary gearbox backed by a genuine 5.3hp motor. That's three good winches for you to choose from - once again fulfilling Opposite Lock's philosophy of offering you choice and value!

Winch use isn't rocket science but it does involve common sense. For starters, use tested and approved gear. Nothing will kill you quicker than the crack of a sub standard rope or shackle breaking! Anything heavy in the line is a potential weapon so don't use shackles anywhere other than to join the tree trunk protector to the hook or strap. If you have to join straps, loop them together with a bit of light wood or a magazine so you can still loosen that knot after it's taken the strain. Use a winch blanket so that if the cable or rope breaks it'll hit the ground, not you.



WINCHES & RECOVERY

Keep your engine running when using the winch, good winches like the Warn, KingOne and VRS suck less amps than the cheapies but as the voltage drops the winch motor has to work even harder. Keep the winch pull as straight as possible and listen to your winch motor work. If it's slowing down it's because it's under strain so give it a break and reach for the snatch block to double up the pull. Twice the torque and half the speed shifts almost anything!

As the winch takes the strain and the vehicle starts moving, let just enough clutch out to let the wheels turn. Much more than winch creeping speed and you'll dig bigger holes that make the recovery even harder. Letting the winch build up a bit of strain so the vehicle's ready to pop forward under it's own power a few times is a great technique when the going's really tough.

Learn to baby your winch because when things get really stuck, this baby can save your life. Always leave at least eight or more wraps of cable or rope on the drum when you're pulling it out and it helps to wind it out after you're home from the battle, wash the rope (or wipe the cable with a light oil and rag), let it dry and wind it back in under gentle pressure. My way of doing this is to hitch up to a tree and let the vehicle's weight over flat

ground apply the pressure. Keep the line and the truck straight and let the line wind neatly from one end of the drum to the other and back again. You can guide it carefully with a gloved hand if necessary but make sure you keep your fingers away from the drum and that you're operating the winch controller yourself!

OK, winches are fun. Play safe but enjoy the feeling that no matter how stuck you get, now you've got a good winch and a winch recovery kit you'll still make it home without calling in the tractor!

Raath





KINGONE TDS 9500lb



The KingOne TDS 9.5 is made to work through the toughest conditions. Additional waterproofing features include specially manufactured sealed motor drum supports and V-ring seals inside the drum flanges. Using a rotating ring gear, means the gears are ALWAYS set ready to run which eliminates any final drive gear meshing that may occur as per a sliding clutch type winch.



KingOne TDS 9500lb Winch

- Powerful and reliable 12volt 5hp heavy duty series wound motor
- Specially manufactured sealed motor drum supports
- 3 stage planetary gearbox
- Super easy-turn freespool lever
- Sealed solenoids
- 156:1 ratio which offers fast line speed
- Automatic external double tapered brake on the end of the gearbox - ideal for the use of synthetic ropes as there is no heat build up by usual in-drum brakes
- Both drum supports accommodate V-ring seals bearing onto the drum flanges to help stop the ingress of mud and water



The KingOne TDS 9.5 was ranked 1st in the 4WD Action Magazine 'Battle of the Winches'. Also named "Best Value" winch in it's class.

VISIT YOUR NEAREST OPPOSITE LOCK TO FIND OUT MORE

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ADVENTURE DRIVEN™



KINGONE



WINCHES & RECOVERY

As one of China's leading manufacturers, KingOne has earned a reputation for designing superior winches that thrive in tough Aussie conditions.

TDS95H

The KingOne TDS95H is the go-to highspeed winch for most offroaders, a proven workhorse this model comes in a steel cable version and synthetic rope variant (TDS95SH).

Both models feature the rock solid heavy duty wound motor and 3 stage planetary gearbox found throughout the Kingone range.

Line Pull: 4309kg / 9500lb

Wire Rope Size: 8.7mm x 30m

Motor: 12V / 5.2hp

Winch Weight: 39kg



"Four years and more than four hundred mud puddles later and Milo's KingOne hasn't missed a beat!"

Rooty - OL Track Tester



TDS95SH



With a jaw breaking speed of 64 feet per minute the new High Speed TDS 9500lb will be breaking more records worldwide. Featuring an external dual cone brake, the TDS series is perfectly built for use with synthetic rope, as there is no heat build up on the drum.

With a proven, award winning track record; the TDS95SH is the go-to winch model for most off-roaders. Backed by an Opposite Lock exclusive 2 year electrical / lifetime mechanical warranty.

Line Pull: 4309kg / 9500lb

Wire Rope Size: 9mm x 30m

Motor: 12V 5.2hp / 24V 3.2hp

Winch Weight: 28kg

TDS12H



The KingOne TDS12H is rated to 12,000lb (7485kg) and utilises a 3 stage planetary gearbox, which delivers the most reliable and durable performance under the worst of conditions. The TDS12H's clutch uses a rotating gear ring for fast spooling and rapid wire deployment, so you can get hooked up and out of trouble fast.

The heavy-duty series wound motor delivers superior torque output and faster line speed for quick recovery.

Line Pull: 5442 kg / 12,000lb

Wire Rope Size: 9.5mm x 27.4m

Motor: 12V 6.2hp / 24V 4.0hp

Winch Weight: 42kg

TDS12SH



The TDS12SH has all the award winning features of its smaller 9500lb counterpart only with the ability to pack more punch.

Designed to be used with synthetic rope, the TDS12SH is perfect for larger 4WD's or for those that like to hook up a camper and head bush.

Line Pull: 5442kg / 12,000lb

Wire Rope Size: 9mm x 30m

Motor: 12V 6.2hp / 24V 4.0hp

Winch Weight: 32kg

KINGONE



KingOne's range of steel cable winches are tough, reliable and have serious pulling power to get you and your 4x4 out of trouble.

ATV4000

KingOne's ATV winch series is a result of the renowned winch manufacturer focusing their design and build qualities into the ATV market. Utilising a permanent magnetic motor, the ATV 4000lb and 3000lb winches deliver superior torque whilst maintaining class leading pulling power. With both variants supplied with their own base mounting frame, the applications for these compact winches are endless.

*Also available in 3000lb variant.

Line Pull: 1814kg / 4000lb **Wire Rope Size:** 5.5mm x 15.5m

Motor: 12V / 1.6hp **Winch Weight:** 14kg



KDS90



Implementing the same renowned free spool and braking features as found in the TDS range. The KDS 9000lb and 12,000lb variants have been designed for vehicles with narrower chassis rails or limited space in their winch provisions.

Delivering the same performance and manufactured to the same class leading design specifications as the popular TDS Series, the KDS will always deliver when needed.

*Also available in 12000lb variant.

Line Pull: 4083kg / 9000lb

Wire Rope Size: 8.0mm x 30m

Motor: 12V 4.0hp

Winch Weight: 39kg

TDS165



Proving that KingOne is not a one-trick-pony, the TDS165 (16,500lb) is aimed at the serious off-roader or for those with large, American built trucks.

Retaining an external dual-cone brake and self-locating free spool lever, the TDS165 can handle any recovery in any situation.

Line Pull: 7485kg / 16,500lb

Wire Size: 11mm x 27.4m

Motor: 12V 6.0hp / 24V 3.6hp

Winch Weight: 62.5kg

TDS20



The TDS20 gives you a massive 20,000lbs (9072kg) of absolute pulling power. Built for commercial and military use, this winch has all of the standard features of the TDS range.

V-ring seal bearing onto the drum flanges help stop the ingress of mud and water.

Line Pull: 9072kg / 20,000lb

Wire Size: 12mm x 25m

Motor: 12V 6.2hp / 24V 4.0hp

Winch Weight: 63kg

WARN



With over half a century's experience in building off road products, when you buy a Warn winch you're making a sound investment.

WARN TABOR 10K

For those looking for more pulling power without having to break the bank, there's the WARN Tabor 10K. With a 10,000lb. capacity, this winch is ideal for heavier trucks, SUVs, and Jeeps. Big power, big torque, not-so-big price.

Line Pull: 4536kg / 10,000lb **Wire Rope Size:** 9.5mm x 24m
Motor: 12V DC Series Wound **Winch Weight:** 40.4kg



WINCHES & RECOVERY

WARN 9.5XP



The fast, powerful 9.5xp Extreme Performance winch is designed for the serious off-roader who demands a winch that will perform under the most extreme conditions in the world. With 9,500 lbs. of pulling power and the fastest line speed of any WARN winch under load, the 9.5xp delivers extreme performance that eats up the competition-even in competition

Line Pull: 4310kg / 9500lb
Wire Rope Size: Steel 8mm x 30m
Motor: 12V 6hp
Winch Weight: 39.5 kg

WARN XD9000



Long-time best seller. A durable 9,000 lb. winch with a compact body and separate control pack that allows you to use it in tight spaces. Comes with 30 metres of 8mm wire rope. Backed by the Warn Limited Lifetime Warranty.

Line Pull: 4080kg / 9000lb
Wire Rope Size: 8mm x 30m
Motor: 12V 4.6hp / 24V 2.5hp Series Wound
Winch Weight: 35kg

WARN TABOR 12K



For heavier trucks that need occasional help, the Tabor 12k features a 12V Series Wound motor, a low-profile freespooling actuator, 3-stage planetary geartrain and 24 metres of wire rope. Power for when you need it most.

Line Pull: 5440kg / 12,000lb
Wire Rope Size: 9.5mm x 24m
Motor: 12V Series Wound
Winch Weight: 36.3kg



WARN TABOR

ENTRY LEVEL SERIES

BIG ON POWER & BIG ON VALUE

For those looking for more pulling power without having to break the bank, there's the WARN Tabor 10K or 12K. With a 10,000lb/12,000lb capacity, this winch is ideal for heavier 4x4's, utes and Jeeps. Big power, big torque, not-so-big price.

- Low-profile design and separate control box allows for a wide range of mounting options
- Exclusive brake design provides superior control while winching
- Durable 3-stage planetary geartrain for smooth, reliable, operation
- Series-wound, high-speed motor provides fast line speed and strong pulls
- Chip-resistant, powder-coated finish
- Remote control with 12' (3.7m) lead.

**3 YEAR
MECHANICAL WARRANTY**



GO PREPARED FOR ANYTHING



WARN 9.5XP

ULTIMATE PERFORMANCE SERIES

FAST, POWERFUL & RELIABLE FOR EXTREME CONDITIONS

The 9.5xp Extreme Performance winch is designed to offer the highest performance in the harshest conditions. From its fast line speeds and strong 4,310kg pull rating, to its extreme duty sealing and contactor control, the 9.5xp is the winch you want when the trail gets tough.

- Powerful series-wound winch motor
- Extreme-duty winch sealing. Enables superior water resistance
- Exclusive brake design. Provides superior operator control when winching
- Extended-duty control pack delivers long duty cycle to help you tackle the most demanding pulls
- 3-stage planetary geartrain for fast, smooth, reliable operation
- Includes both corded and wireless winch controls
- High-gloss, chip-resistant powder-coated finish provides superior corrosion resistance

**LIMITED LIFETIME
MECHANICAL WARRANTY**





STRONG. POWERFUL. RELIABLE.



Available with
WIRE
or
SYNTHETIC
rope



When you're out there in the thick of it, you need some serious machinery on your side. With an impressive 4300kgs of pulling power and fast line speed under load, the VRS 9500lb winch is the one vehicle recovery winch no driver, from the novice to the serious off-roader, should be without. Even in the most extreme conditions, this tough nut has the muscle to haul your vehicle back on track-fast. Get serious with your safety and get yourself a VRS winch.

SERIOUS FEATURES

- IP68 Water & Dust rating
- Textured UV and corrosion resistant finish
- Sealed to resist water penetration
- Stainless steel hardware and fittings
- Heavy duty sealed high amperage contactor controller
- Multi-segmented cam activated brake
- Designed in Australia for the World
- Limited Lifetime mechanical components warranty
- 2 year electrical warranty
- Supported by a national dealer network

STRONG. POWERFUL. RELIABLE.

VRS V9500 9500lbs/4310kgs SINGLE LINE
VRS V12500 12500lbs/5670kgs SINGLE LINE



www.vrswinch.com.au

Designed in Australia to suit our tough conditions and environment, The VRS Winch comes with a fully sealed concator pack, 5.3hp motor, sealed and insulated drum and a 3 stage planetary gear system. This winch can be ordered with a steel cable or synthetic rope.

V9500S

The V9500S winch is the synthetic rope model from VRS, it is has a line rating of 9500 lb (4309 kg) and has all the features you'd expect from a quality Australian designed winch, including 3 stage planetary gear train, sliding gear rings in the clutch and premium sealed drum flanges.

Line Pull: 4309kg / 9500lb **Rope Size:** 9.5mm x 30m
Motor: 12V 5.3hp **Winch Weight:** 31kg



V9500



The V9500S winch is the steel cable model from VRS, it has a line rating of 9500 lbs (4309kg) and has all the features you'd expect from a quality Australian designed winch, including 3 stage planetary gear train, sliding gear rings in the clutch and premium sealed drum flanges.

The housing is IP68 Approved (waterproof) to stop the ingress of water, dirt and mud. All VRS winches contain a multi-segmented cam activated brake to prevent line slippage, as well as stainless steel hardware and fittings.

Line Pull: 4309kg / 9500lb
Wire Size: 8.3mm x 30m
Motor: 12V 5.3hp
Winch Weight: 39kg

V12500S



The VRS V12500S synthetic line winch is rated to 12,500 lbs (5670 kg) and has all the features you'd expect from a quality Australian designed winch, including 3 stage planetary gear train, sliding gear rings in the clutch and premium sealed drum flanges.

The housing is IP68 Approved (waterproof) to stop the ingress of water, dirt and mud. All VRS winches contain a multi-segmented cam activated brake to prevent line slippage, as well as stainless steel hardware and fittings.

Line Pull: 5670kg / 12,500lb
Rope Size: 11mm x 24m
Motor: 12V 5.3hp
Winch Weight: 34kg

V12500



The VRS V12500 steel cable winch is rated to 12,500 lbs (5670 kg) and has all the features you'd expect from a quality Australian designed winch, including 3 stage planetary gear train, sliding gear rings in the clutch and premium sealed drum flanges.

The housing is IP68 Approved (waterproof) to stop the ingress of water, dirt and mud. All VRS winches contain a multi-segmented cam activated brake to prevent line slippage, as well as stainless steel hardware and fittings.

Line Pull: 5670kg / 12,500lb
Wire Size: 9.5mm x 27m
Motor: 12V 5.3hp
Winch Weight: 43kg

RECOVERY



It's an inevitable part of offroading. Don't let getting stuck put you off your adventure, make sure you pack the right recovery equipment for your vehicle and terrain.

Offroad adventuring can take you across every type of terrain imaginable, from beach sand to red desert sand, soft mud, slick ice, powdery snow, red clay, loose rocks and gravel, creek and river crossing, ocean spray and red dust.

The world we choose to explore doesn't let us do it with ease, or even with safety. Make no mistake there can be dangers when you choose to leave the bitumen, so when you do, you have to be armed with the gear proven to get you out and keep you safe.



RECOVERY STRAPS



WINCHES & RECOVERY

Don't risk leaving your 4x4 stuck in the sand or mud by hoping an inferior strap will do the job.

It's a strange thing to think that a narrow fabric strip is the single most relied upon piece of 4x4 recovery equipment in the world.

Credited with thousands of rescues and recoveries around the globe, the recovery strap is the most important tool you could have in your kit. That's why it's important to choose one that has been designed, tested and proven to do the job it was made for.

Don't leave it to chance, invest wisely when it comes to recovery.



SNATCH STRAPS



Snatch straps are purpose designed to stretch a small way under intense loads, the kinetic energy from trying to pull a bogged vehicle is then disperse along the tensioned elastic line and aids in the recovery, instead of transferring that potential explosive energy into a more rigid line like wire or rope.

This displaced energy is more suited to high impact recoveries like you would find with snatching.

With all this in mind, Opposite Lock has performed extensive testing and design refinements with their snatch straps and continues to do so. Ensuring sustained quality and safety.

WINCH EXTENSION STRAPS



Winch extension straps are a great low cost, low bulk solution to getting a few more crucial metres out of your existing snatch when that all important anchor is too far away.

Make sure you always have at least one when traveling alone or in a small group, it could be the one bit of kit that keeps you out of a hole and back on the track.

TREE TRUNK PROTECTOR



Trees are an often used and relied upon anchor point in recovery situations, but running a straight wire or chain around a tree can not only severely damaged the tree, but can also damage your gear as well. Sap ingress on a rolled winch is not fun to clean off!

That's where tree trunk protectors come in, they're a low cost preventative item that belong in every offroaders kit. Save your gear, protect the environment.

HI-LIFT JACK & ACCESSORIES

The hi-lift jack is the most tried and true pieces of equipment you can have in your recovery kit.

Though the widespread availability of winches have made the Hi-Lift Jack a lesser used item these days, it's still a piece of equipment that should be tucked away in any serious offroaders cab somewhere.

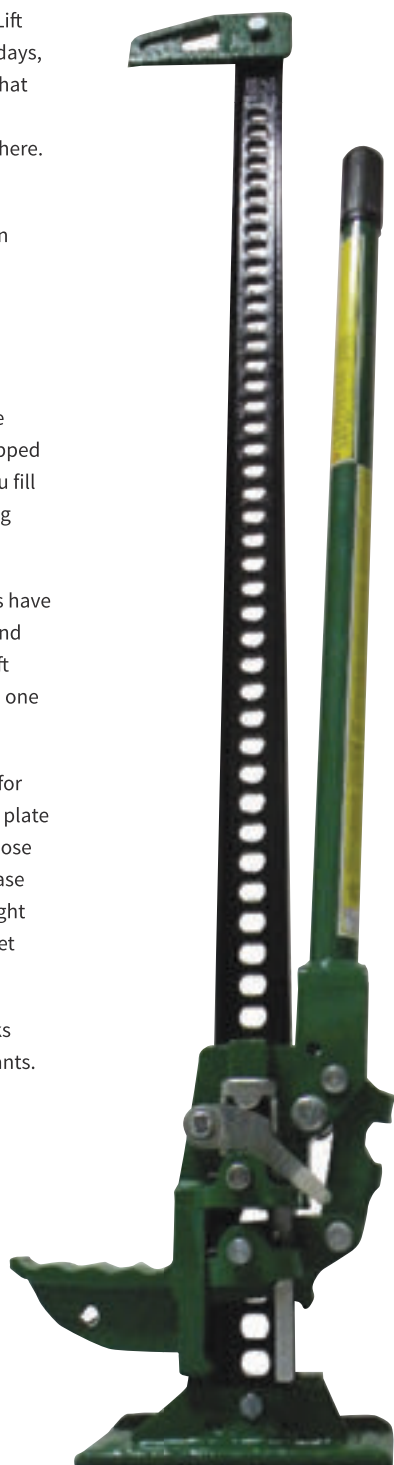
Sometimes a winch out isn't possible, or as winches contain mechanical and electrical components, failures and breakdowns are always a possibility.

Enter the Hi-Lift Jack! A simple action tool designed to lift trapped wheels out of a bog and let you fill in the trap area with something solid to get out.

All good bullbars and rear bars have Hi-Lift Jack mounts for front and rear lifts, or you can use the Lift Mate accessory and raise from one of your wheels.

Another must have accessory for the Hi-Lift Jack, is a solid base plate for dispersion of pressure in loose terrain like wet dirt or sand. Base plates also keep the Jack upright and stop it sinking in soft or wet terrain.

The Opposite Lock Hi-Lift Jacks come in 48" and 60" high variants.





WINCHES & RECOVERY

HI-LIFT JACK BAG



Most Hi-Lift Jacks will spend their life in the garage or shed between trips, as a result dust and grime can build up in and around the gearing resulting in a compromised tool.

A simple and affordable preventative measure is to keep your Hi-Lift Jack stored in its own bag, full length zips make getting your jack in and out easy.

The carry handle also makes it practical to just keep your jack in the bag whilst traveling.

LIFT MATE



The Lift Mate is an accessory designed for combined use with a Hi-Lift Jack to allow a wheel to be used as a jack point when front or rear jack points on a vehicle are either not available or practical in a particular recovery situation.

Simply slide the Lift Mate over the jack point and secure the hooks inside the wheel spacing and you're ready to go!

BULLBAG AIR JACK



The Opposite Lock Bullbag Air Jack is the ideal tool for recovery in unstable terrain like snow, mud or sand where a jack just isn't either viable or safe.

The Air Jack uses the exhaust gases from your 4x4 to gently lift your vehicle, giving you enough space to pack the bog in or place down tracks and drive out.

The Air Jack comes with a handy carry bag and thick anti-slip ground mat for the air jack.

RECOVERY KITS



Good, reliable recovery gear is a must have for any offroader, new or experienced, casual or serious.

The ability to recover yourself or other unfortunates is the staple of offroading, when battling the elements you need to go in prepared for anything.

Sometimes a couple shackles and snatch strap is all you'll need, and other times, you'll use just about every bit of kit in the back of your fourby just to get unstuck.



SNATCH RECOVERY KIT



SPECIFICATIONS

The Snatch Recovery Kit contains:

- 8m Snatch Strap
- 2 x 3.75t Bow Shackles
- Recovery Bag
- Rigging Gloves

SUPER SNATCH RECOVERY KIT



SPECIFICATIONS

The Super Snatch Recovery Kit contains:

- 10m Snatch Strap (10t)
- 2 x 4.5t Bow Shackles
- 3m Tree Trunk Protector
- 5m Drag Chain
- Recovery Bag
- Rigging Gloves
- Load Bridle

SNATCH & WINCH RECOVERY KIT



SPECIFICATIONS

The Snatch & Winch Recovery Kit contains:

- 8m Snatch Strap
- 10m Winch Extension Strap
- 2 x 3.75t Bow Shackles
- 3m Tree Trunk Protector
- 5m Drag Chain
- Snatch Block
- Recovery Bag
- Rigging Gloves
- Load Bridle

RECOVERY TRACKS



WINCHES & RECOVERY

Recovery Tracks are a light, strong, and easy to store vehicle recovery option. Recovery tracks are the quick and safe choice.

Usually used in sets of four (and sometimes pairs), all you have to do is wedge a track firmly against each tyre tread, hop in your vehicle and gently accelerate. Once your tyre tread mounts and grips the track, your vehicle will then gain traction from the ribbing on the track and you're on your way!

The common misconception with Recovery Tracks is that they look like thin plastic, so they'll probably crack or snap under the load of heavy a 4x4, right?

Well, no. They're made from a premium grade polymer, which is then injected into a mould. The result is a rigid construct that bends with the direction of the applied force, and after the external pressure is released (when you drive off) the plastic relaxes back into its original shape.

Science!



HAND WINCH



The hand winch is a great alternative for those who don't believe they'll have the need for a permanent winch installed onto their 4x4. It's also a great work around to avoid the cost and maintenance of a permanently mounted winch.

The Opposite Lock hand winch is a handy bit of peace of mind, able to be stored under a seat or tucked away in the back tray, just in case you ever get stuck or bogged.

Able to be operated by one person, it's worth having just so you'll know you'll never get stuck.

Winch Capacity: 2500kg

Hoist Capacity: 1600kg

Wire Diameter: 11mm

SNATCH BLOCK



A snatch block is a must have for single vehicle recoveries using a winch.

The snatch block allows you to change the direction of power from the winch line, so even if the vehicle is trapped in a direction that does not allow for in-front winching, you can use the snatch block to augment the recovery line and recover safely without risk of tangling the spool from your winch.

With an endless number of rigging options, take an afternoon to go out and practice a few recoveries before heading out bush.

Load Capacity: 8 tonne

RECOVERY HITCH



The number one recovery item in many kits is the recovery hitch.

The recovery hitch slides into any 50mm towbar receiver and locks in using the pull pin and clip that holds the tow hitch in place.

The recovery hitch has locking holes on all sides in case you need to orientate the recovery direction.

It also comes with a 3.25t shackle, so you can hook a snatch strap on right out of the box if needed!



Proudly supplying

OL opposite lock
4WD & Vehicle Accessories

Since 1990

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Tyrepliers Complete Tyre Repair Kit

1 x Tyrepliers Bead Breaker with ATV
Adaptor
2 x 600mm Levers
1 x Complete Puncture Repair Kit
Part Number KIT100



Tyre Levers

600mm Single Ended Lever LEV100
600mm Double Ended Lever LEV102
600mm Levers Pair of LEV103



Tyrepliers Bead Breaker

The Tyrepliers bead breaker is
suitable for use on all 13-19" rims.
Part Number BB100



Safety Harness

Ideal for all split rims
Part Number HARN100



Puncture Repair Kit

Comprehensive Puncture Repair
Kit for Tube &
Tubeless Tyres
Part Number
PUNC 100



Puncture Repair Consumables

Tyrepliers Has Comprehensive range of
puncture repair consumables

Fits ALL RIMS
alloy/steel/safety/split

**Huge range of tools &
Puncture Repair Kits**

Don't get caught out!

- Make sure you're fully prepared, with the
Tyrepliers Complete Kit (as pictured). Tyrepliers
are NATO approved and internationally awarded.
They are so tough we offer a LIFETIME WARRANTY.



**If only he'd packed the
TYREPLIERS!**

www.oppositelock.com.au

TYRE REPAIR KIT



Punctures on and offroad are a fact of life, but getting a flat doesn't always mean getting stuck.

The Opposite Lock Tyre Repair Kit is cost-effective, headache saving and ultra portable kit that can repair punctures caused by nails, sticks and other debris without having to remove the tyre from the rim.

Kit Contents:

- 1 x Spiral Hole Reaming Tool with Heavy Duty 'T' Handle
- 1 x Repair Strip Inserting Tool with Heavy Duty 'T' Handle
- 1 x Replacement Insertion Tool Tip
- 20 x Repair Strips
- 1 x Tub of Lubricant
- 1 x Trim Knife



WINCHES & RECOVERY

MODULAR TOOL KIT



The Opposite Lock Modular Tool Kit is a portable, multi-functional interchangeable camp accessory.

Interlocking cast stainless steel handles have the option to attach all of the included head attachments.

Including an Axe, Tree Saw, Pick Axe, Mallet, Shovel, 1/2" Socket Drive and Tyre Levers.

You'll never get stuck during prep around the camp site again!

TYRE DEFLATORS



The Opposite Lock Tyre Deflator makes quick and accurate tyre deflation easy, it simply screws onto your tyre and with a few quick turns removes the valve core for swift pressure release.

During the deflation you can check the pressure at any time by using the built in pressure gauge, the gauge gear is driven and easy to read.

The Opposite Lock Tyre Deflator also comes with a handy travel pouch.

WINCH DAMPER



A winch damper is a must for any winch or strap recovery, should any component fail under load then the transfer of energy through the strap or cable could have dire results.

The Opposite Lock Winch Damper drastically reduces this possibility by forcing the line down during the event of failure. This causes the line to drop straight down to the ground and dramatically reduces the risk of harm to bystanders and property.

The Opposite Lock Winch Damper is manufactured from heavy duty vinyl, has a reflective strip for night time recoveries, long internal velcro strips for grip and contains internal pockets for carrying items to and from the anchor point.

SUSPENSION

*Make your adventure just a little more comfortable.
Equip the best 4x4 suspension for your vehicle at
Opposite Lock.*







OFFROAD SUSPENSION

Australian designed and engineered, with much of the range still made in Australia. Opposite Lock's Offroad Suspension has you covered on the road, whether it's sealed, dirt or the unexplored.

The Opposite Lock Offroad Suspension program is the culmination of many years of technical design, started with the goal of providing a versatile and reliable on and offroad experience.

Offroad suspension has been fabricated with focus on stabilised road driving, softening bumps and reducing body roll whilst cornering.

The goal was to making a truly great offroad suspension range with a selected focus on improving driving conditions for towing,

targeting the stresses placed on the rear of the vehicle under load and instability at higher speeds.

Lifted, strengthened and redesigned from the ground up, Opposite Lock Offroad Suspension was made to make life on the bitumen more comfortable, but designed to give you a reliable and next level offroad experience.



SHOCK ABSORBERS



Opposite Lock Offroad Suspension utilises both Gas Charged Shocks and Foam Cell Shocks, depending on what's the best application for the vehicle model.



GAS SHOCK ABSORBER

Opposite Lock's gas charged shock absorbers are a rugged multipurpose design, they've been developed with diverse Australian conditions in mind. Proving to be a serious all-rounder that can perform both on and off the road for most lighter vehicles.

With a large 35mm bore tube, heavy-duty twin tube construction and reinforced double welded mountings, they keep heavy 4x4 suspension systems under control and maintain a comfortable ride with precise handling.

FOAM CELL SHOCK ABSORBER

For harsh and unrelenting conditions, foam cell shock absorbers are the ideal choice. Foam cell shocks are great for tricky offroad driving or heavier loads that requires a bit more fortitude from your suspension.

The foam cell technology virtually eliminates shock fade, which is the result of oil and air mixing inside the shock, and can dramatically reduce the performance of the part.

For the ultimate offroad ride that won't give out or bounce your head into the roof, consider foam cell shocks.

SUSPENSION



OL LEAF SPRINGS



Australian made and designed, Opposite Lock's Leaf Spring Packs are engineered for brute strength and performance.

Opposite Lock replacement leaf spring packs are durable whilst providing improved vehicle control and stability due to the fact they feature redesigned spring rates.

Certain applications have a two stage design, which provides a comfortable ride when unladen and maintains extra height when a load is applied.

Full replacement leaf spring packs are available, featuring inter-leaf friction pads and metallised sleeves to minimise binding and noise.



OL HEAVY DUTY COIL SPRING

Australian made and tough as nails, the Opposite Lock Heavy Duty Coil Spring range is made to last.

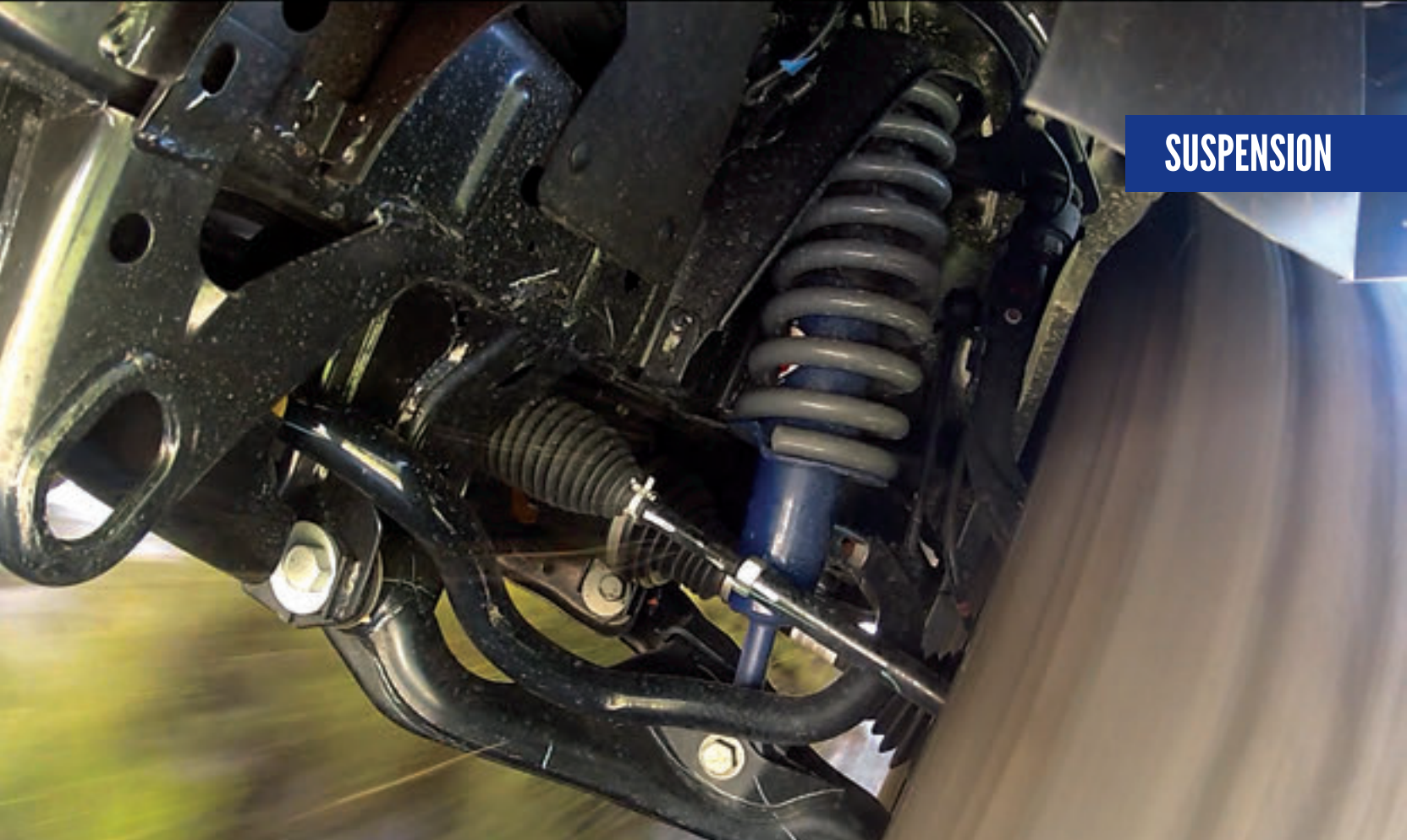
Produced to a strictly controlled design, manufacturing and testing process, Opposite Lock heavy duty coil springs are made this way to ensure they exceed the original coil tolerances and are equal to or exceed the best in the world in consistency of rate, loaded height and reliability.

Raised height coils for extra ground clearance are available for most vehicles, and higher rated coils can be used to compensate for the extra weight of a bullbar, winch, rear step or to improve load carrying or towing ability.

A properly matched coil will also dramatically reduce body roll and rolling pitch, limit body dive when braking and improve overall handling, traction and comfort on and off the road.

Heavy duty coils can also help reduce uneven tyre wear and extend the life of your shocks and bushes.





TORSION BARS



Opposite Lock torsion bars are made from the highest quality alloy spring steel and are manufactured according to a strict production procedure.

They are fully heat treated for high durability, hardness and consistency.

Opposite Lock torsion bars are made to a larger diameter than most original bars, providing a stronger rate for greater control, stability and improved load carrying ability.

GREASABLE SHACKLES



Opposite Lock's greasable shackle kits have heavier side plates.

Where applicable, some feature anti-inversion brackets as standard to avoid the potential problem of over extension of a raised leaf spring.

Opposite Lock greasable shackle kits are anodised and designed as a bolt-on replacement for most leaf sprung four wheel drive vehicles.

URETHANE BUSHES



Opposite Lock urethane bushes are the superior material choice for when high levels of suspension control and durability are required.

They are particularly suited to applications requiring heavy load carrying ability, firm suspension control, or where regular exposure to corrosive materials is expected.

Opposite Lock's urethane bushes also incorporate a special cross hatch dimple profile on the working surface to enhance grease retention.



AIRBAGS & AIR SUSPENSION
Designers & Manufacturers



A close-up photograph of the front left corner of a white car. The headlight is illuminated, showing its internal components. The car's grille with horizontal slats is visible to the right of the headlight. The car is parked on a dark, textured surface.

THE STORY

Airbag Man is proudly Australian owned and operated since 1995. In that time the company has been built on producing high quality, well designed products and has grown in popularity mainly by word of mouth from many satisfied customers.

These days many companies look to overseas manufacturing to reduce the cost of manufacture offering cheap prices but without a service network throughout the country; but at what expense to our economy and Australian jobs?

We use airbags imported from long standing, high quality overseas manufacturers such as Firestone and Dunlop. However, the airbag is only one component in our manufacturing process and it is most definitely our company philosophy to design and manufacture as many other components right here in Australia to ensure they are the highest quality for our customers needs and to ensure they perform their function long term in our harsh environment.

This policy is also very important to keep profits here for local investment and help to secure the future of Australian jobs.

We are currently processing many of our products formerly via the Australian Made process.

Richard Clamp
Managing Director

LEVELLING CONTROL FOR VEHICLES TOWING OR CARRYING LOAD



COIL-RITE™



Firestone

HELPER FOR COIL Firestone Coil-Rite airbags are designed to fit inside existing coil springs to provide levelling control to a vehicle when under load. This enables a vehicle to "level up", front-to-rear and side-to-side when carrying varied loads or when towing caravans, boats and trailers.

RIDE-RITE™



Firestone

HELPER FOR LEAF Firestone Ride-Rite airbags are designed to fit between a vehicle's chassis and the axle / leaf spring to provide levelling control, front-to-rear and side-to-side, when carrying loads or towing. Ideal for tradesman's vans and utes carrying heavy or varied loads.



LOAD-UP™



HELPER FOR SPRINGS At the heart of the Load-Up kit is our microcellular polyurethane spring. The load carrying and shock minimising capabilities of the Load-Up product improves the safety and handling of your vehicle under load whilst being extremely durable.

ON-AIR™



Firestone

FULL AIR COIL REPLACEMENT On-Air is full air suspension applied to vehicles with coil spring suspension. The coil springs are removed totally and are replaced with airbags. You can adjust for varying loads and road conditions by simply inflating or deflating.

AIR-CONTROL™



SYSTEMS & COMPONENTS Airbag Man Air Control kits and components with manual, fingertip or automatic control options, provide an instant air source for all air suspension kits and products to allow quick inflation and deflation for various road and load conditions.





As the preferred premium suspension brand for Opposite Lock, TOUGH DOG have the knowledge and experience to create the right product for every user.



Setting up a 4WD suspension system isn't all about the added gains on the tape measure. Tough Dog products are specifically designed and engineered to deliver a complete suspension solution, not only for off road clearance, but for ride quality, handling and load carrying capabilities as well.

Tough Dog suspension products provide the ability to create a tailored suspension package that can transform your vehicle, regardless of how you use it. Tough Dog have developed

a product to suit just about every possible application. In most vehicles, they offer multiple shock and spring options to fine tune every aspect of a particular package as well as a range of other specialised and optional accessories.

Setting up your vehicle's suspension can be a mine-field of pitfalls, misinformation and wrong turns. The largest consideration is always the weight carried and accessories fitted. It's often the undoing of a well put together vehicle.

Opposite Lock dealers have a wealth of knowledge, backed by the 30 years of experience carried in the Tough Dog brand.

If you want to get the best out of your vehicle, gear up with the toughest suspension on the market, and get out there and enjoy it.

STEERING DAMPERS

Eliminate harshness from your steering with a TOUGH DOG steering damper. There is an option for every vehicle, at every height.

Steering feel and response is critical to vehicle stability and can play a huge factor in driver fatigue. If you are fighting to keep your vehicle on track throughout the whole journey, fatigue will take its toll much sooner in your journey.

Tough Dog steering dampers are specifically designed to combat wander and jarring through the steering, giving you back control, feeling and confidence in your steering system.

The EXT damper is a heavy duty replacement damper designed as a direct replacement of your vehicle's original unit. For light duty applications, or a replacement of worn parts, this damper is a fantastic option. Tough Dog also pioneered the RTC (Return To Centre) damper in Australia. The spring acts to keep the steering on centre over bumps and potholes, giving you superior steering control.

Our signature 'SV' damper is the only one of its kind on the market. The 9 stages of adjustment let you tune steering feel to eliminate wheel wobble. This damper is especially effective for vehicles fitted with oversized or aggressive tread tyres.



THE RIGHT GEAR FOR YOUR VEHICLE

Getting the right gear is just as important as getting good quality gear...

Choosing the suspension that is right for you can be a daunting prospect. Specialist advisers can help take the hard work out of getting the right gear under your vehicle.

Suspension is all about supporting, and controlling weight. So naturally the weight on your vehicle plays a huge roll in what needs to be fitted. The suspension that is right for a heavily loaded vehicle won't work correctly on a standard vehicle used for some offroading, holidays and towing the family boat.

Make sure you are getting the right spring for what is fitted to your vehicle. Overspringing a vehicle is one of the greatest causes of premature equipment failure.





TRADE

If you're in a trade, chances are you rely on your vehicle every day of the week. Your needs are very specific, and so they should be. Tough Dog have a product to cover just about every application, to carry just about any load.

Original equipment springs are a compromise, a "one size fits all" approach. The reality is that one spring cannot be made to do all jobs effectively.

Tough Dog leaf springs are specifically designed to cater for the load you carry around every day, regardless of what that is. Tough Dog offer comfort, constant 300kg and constant 500kg springs for most vehicles, picking the right one comes down to calculating the load that you always carry.



TOURING

Australia is amongst some of the luckiest countries in the world. The national anthem tells us "Our land abounds in nature's gifts of beauty rich and rare," And we would be mad not to get out there and experience all that this great brown land has to offer.

Australia is a big, big place, and getting across it can mean hours behind the wheel, sometimes on the roughest of roads, riddled with bumps and corrugations.

Tough Dog's foam cell technology, present in the 41mm, the 40mm adjustable and the 45mm big bore adjustable are tough enough to withstand the harsh Australian outback time and time again.

The Tough Dog steering dampers also help to take the fight out of the steering, reducing driver fatigue.



SUSPENSION

TOUGH PLAY

There is nothing quite like conquering a tough rock step to get the adrenaline pumping.

Nothing really changes as people grow up, the only difference is that the toys inevitably get bigger and more expensive.

If you love to face the challenges a tough offroad track can dish out, the Tough Dog range of big lift solutions is the answer.

Everything from our 45mm big bore adjustable shocks, our solid steel adjustable panhard rods right through to our caster correction kits are built to last, and designed and made using only the best quality components and technology available.

Tough Dog offer a huge range of lift kits to suit every application.



NITRO GAS SHOCKS

Tough Dog Nitrogen Gas shock absorbers have been designed with control and comfort in mind. Nitro gas shocks are built with multi stage velocity sensitive valving to ensure the shock is capable of performing at any speed.

As the shock moves faster to absorb small bumps in the road like corrugations, the valving in the shock responds to maintain the ride control characteristics.



41MM FOAM CELL SHOCKS

Tough Dog's Award winning Foam Cell shock is our best selling shock for all round performance. The 'Foam Cell' that makes all the difference is a micro-cellular foam insert that helps to drastically reduce the effects of shock fade, allowing your shocks to perform better for longer, even on the harshest of corrugations.

The Foam Cell insert, with its trapped gas micro cells eliminates the possibility of bubbles forming, giving the shock unparalleled resistance to shock fade.



40MM ADJUSTABLE

The 40mm Adjustable shock offers 9 different stages of adjustment to fine tune the ride characteristics. In reality, very few vehicles serve only one purpose. We demand so much of our vehicles, and every situation will need something just a little bit different.

As well as being fully adjustable, these shocks are equipped with our Foam Cell technology, minimising aeration and cavitation to maximise the shocks ability to resist fade.



INTO THE SPRING OF THINGS

SUSPENSION

Tough Dog coil springs are designed and manufactured in Australia to exacting standards to stand up to some of the harshest conditions found anywhere in the world. Made from German X5K spring steel, Tough Dog coils can be designed with less material without compromising on quality. The spring retains its original memory even after heavy loading.

The result? A lighter, tougher coil that can handle just about anything you can throw at it.

Tough Dog's Leaf springs offer a spring pack for just about any application you might require. Our springs are a proven performer in any situation. ToughDog Leaf springs are a truly progressive rate leaf spring. Each leaf is set slightly higher than the leaf above so there is contact along the whole length of the leaf. There are single stage and two stage springs available for different applications.



COMPLETED STRUTS

Modern IFS vehicles require very high spring rates compared to traditional live axle type springs. The traditional hand held spring compressors simply cannot hold up to these huge pressures. Most IFS problems can be attributed to incorrect strut assembly.

Tough Dog assembled strut units take the hassle out of replacing the front end suspension in your IFS vehicle. These units are a direct bolt in replacement & come in a range of different spring rates to suit different vehicle and accessory packages.



45MM BIG BORE ADJUSTABLE

These Tough puppies are the largest bore externally adjustable shocks available on the market. There is nothing that can compare to the 45mm bore in a 70mm outer casing. The 9 stages of adjustment mean you can control the firmness of your shocks easily, and adapt to the conditions as required.

45mm big bore adjustable are designed for big lift applications up to six inches over factory in some vehicles.

Our Big Bore shocks also have a DU bushing fitted internally to protect the seals from damage caused by side load at full extension.



53MM 'RALPH' SHOCKS

The Tough Dog 'Ralph' shock is the largest 4WD shock on the market. We redesigned shocks originally intended for prime movers to suit 4WD applications.

The Ralph shock has a massive 53mm bore and 22mm chrome piston rod, all housed in a 70mm casing.

These big dogs carry so much oil, they will run cool over even the toughest of terrain. If you drive a fully laden off road tourer, these are the shocks for you.



GREASABLE PINS & SHACKLES

Greasable pins and shackles help protect the bushes from premature wear because of the ingress of dirt and grit. Applying grease through the nipple forces grease through the joint and out, taking with it foreign objects.

Greasable components are particularly important to vehicles exposed to outback dust, or high salt environments like boat ramps and beach driving.



URETHANE BUSHINGS

Leaf spring based suspension set ups generally have a bias leaning towards load carrying capability over ride quality. The design and composition of the shackle hanger and bushing material can make all the difference to your ride quality. This assembly is the spring's first part to move in response to uneven terrain and bumps in the road. Tough Dog urethane is stronger than rubber components and has greater longevity, and resistance to deterioration from chemical exposure. Urethane bushes respond well to greasing during operation and are created to retain flexibility for ride comfort.

When required, steel tubes in the centre of the bush are hardened and chemically treated to resist corrosion. All of this will keep your leaf sprung vehicle in positive contact with the road surface and give you better tyre and suspension component life.



HEAVY DUTY TORSION BARS

Tough Dog Performance 4WD Torsion Bars offer a spring rate that is approximately 30% higher than OEM bars.

This dynamic increase in spring rate eliminates hard bottoming out when traveling offroad and gives better handling in street applications. They can be installed with a moderate pre-load to raise the vehicle for better clearance off road, or to revitalise the handling characteristics at the standard height.

These performance-proven, easy-to-install bars are especially beneficial when oversize tyres or frontal accessories are installed.



STRUT TOPS

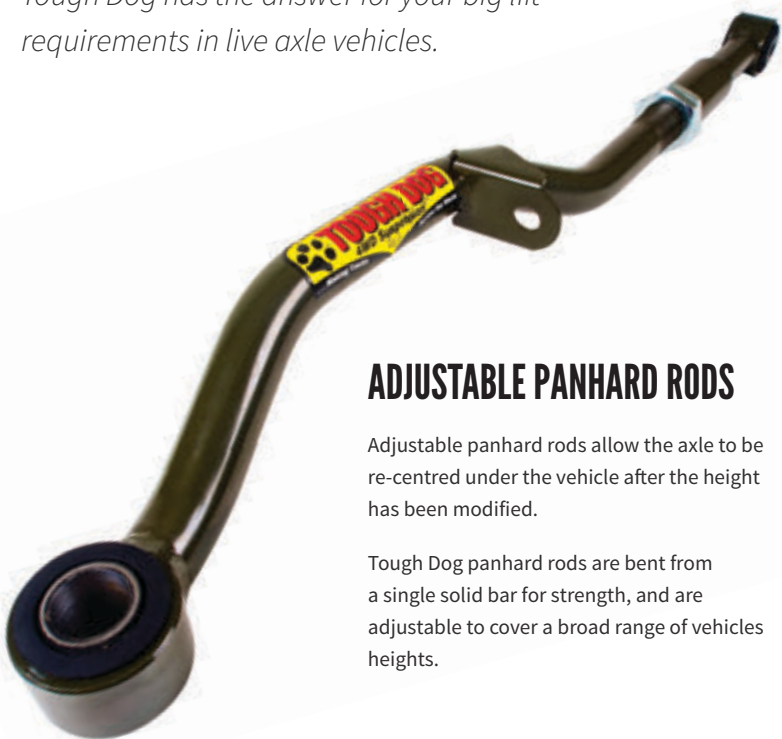
Apart from being available in the complete assembled strut units, Tough Dog replacement strut hats are available for all IFS strut vehicles, and can be used as a direct replacement for OEM equipment.

IFS front end vehicles rely heavily on the top and bottom bushings to support the front of the vehicle. The quality of these components is integral in maintaining vehicle height and quality ride control.



BIG LIFT SOLUTIONS

*Creating a serious off-road weapon?
Tough Dog has the answer for your big lift
requirements in live axle vehicles.*



ADJUSTABLE PANHARD RODS

Adjustable panhard rods allow the axle to be re-centred under the vehicle after the height has been modified.

Tough Dog panhard rods are bent from a single solid bar for strength, and are adjustable to cover a broad range of vehicles heights.



CASTER CORRECTION

Castor is the angle to which the steering pivot axis is tilted forward or rearward from vertical. When a vehicle is lifted, the castor angle is adversely affected because of the change in the angles of the front radius arms.

Tough Dog provide a range of products to adjust camber to suit any lift height to ensure a reliable straight steering feel is maintained.



BRAKE HOSES

Extended brake lines become a requirement for larger lift vehicles to prevent damage from stretching the existing lines.

Tough Dog offer a brake line solution in both a tradition rubber style as well as a steel braided line for improved brake pedal response and feel.

SUSPENSION





TUFF TRUCK
CHALLENGE



TUFFTRUCK 2015



17th - 19th April 2015

PLAN NO WEDDINGS

NO OVERSEAS TRIP

NO EXCUSES!

**Put the date in your Diary now!
Tell your boss you want the Friday off ASAP**



WWW.TUFFTRUCK.COM.AU

HUNTER VALLEY, NSW

ABOUT TUFF TRUCK

The Tuff Truck Challenge began in 2001 in a hidden valley in the picturesque Hunter Valley wine country in New South Wales - just two and a half hours north of Sydney. Initially organised by a community 4WD club made up of some real offroad competition enthusiasts that wanted an event to test highly modified four wheel drives. The original competition format set the standard for all future short-course 4WD events by combining easily accessible spectator courses in close proximity to camping for a full weekend of up-close and personal motorsport. With the desire to push vehicles to new levels of traction, flex and safety, courses have continued to be built with bigger obstacles, steeper inclines, tighter turns and slipperier surfaces.

Teams from all over Australia arrive prior to the Friday morning 8am opening when spectators flood the entrance and seek out the best available camp site for their 3 day stay before seeing the latest on offer and some show specials from a variety of industry vendors in the **Exhibitors Alley**. In the afternoon the teams and trucks are lined up for a no-barricade inspection of the amazing mechanical modifications that go into these extreme vehicles.

After some camp supper or a bite from the onsite catering options, everybody encircles the Mudrats Revenge, a man-made mudpit full of challenging bolder piles, fallen telegraph poles and enormous speed humps shaped from the huge tyres off mining trucks. With only 8 minutes on the clock, teams have to keep momentum to make it to the finish line and score full points - only a small few ever do.



Tuff Truck "hidden valley" from the air.

Over the next 2 days, teams are challenged with **9 different stages** each with their own variety of tricky obstacles. One is a narrow sandy creek bed, another has a dusty off-camber slippery slope, another has a 1.5 metre vertical rock face to conquer and each is surrounded by cheering fans and vocal critics surveying the competitors every moves. This is a tough competition for both driver+navigator and their custom built vehicle. Over the course of the weekend many trucks will not be tuff enough resulting in all-night repairs or a disappointing DNF.

A unique aspect of Tuff Truck is it's focus on families and especially kids - on offer for them is a mass of activities such as face painting, drawing competitions, wall climbing, jumping castle, reverse bungee jumping, dodgem cars even a Mini Tuff Truck remote control competition and helicopter joy flights over the Hunter Valley. Saturday night see's the valley light up with a huge fireworks show and continue with a disco.

Each year a professional media team cover the event for the Australian fans and content distribution to 4WD enthusiasts in New Zealand, USA, Singapore, Malaysia who are eager each year to see who wins the crowned Tough Dog Tuff Truck Challenge Champion.

Over the last decade the event has grown exponentially not only in terms of attendance, merchandise sales, sponsor partnerships and new competitors, but also in recognition as a unique event that must be attended to truly see why over 80% of attendees come back each year. From humble beginnings with only 33 competitors, to the 67 teams seen at the 2014 event, the Tough Dog Tuff Truck Challenge has become one of the biggest and most widely attended events on the Australian 4WD event calendar, quite simply because it can offer something for everyone.

Preparations for 2015 are in full swing with all sponsors locked in (including *Opposite Lock*) and the release of tickets sales: Visit www.tufftruck.com.au for more details and to secure your ticket to this one a year event.



3 DAYS OF EXTREME 4X4 ACTION

FLEET FITOUTS

Opposite Lock are specialists in mine compliant and commercial vehicle fitouts. With a wide range of quality products combined with local knowledge and nationwide support we are the best choice for preparing your 4x4 vehicles for the tough work ahead.



1800 624 444

80 - 81

ROADsafe™ 4WD

DRAG LINKS AND TRACK RODS

Comp Spec – SC4140 Chromoly Steel – Solid!
38mm OD with female ends for extra strength.

Standard from RRP \$245

Comp Spec from RRP \$345 (for Patrols & Cruisers)

TRAILING ARMS

Heavy Duty Lowers for Patrols & Cruisers with 42mm OD Adjustable & Heavy Duty Uppers with 34mm OD
All featuring at least 5.5mm wall thickness
A massive upgrade on the genuine 2.5mm wall thickness. Standard & Extended lengths to suit a variety of Lifts.

From RRP \$145

PATROL DROP BOXES AND RADIUS ARM SPACERS

Fix up your caster geometry or simply relocate your Front diff after a lift so the tyres don't rub on the guards!

From RRP \$150

PATROL EXTENDED SWAY BAR LINKS

Adjustable to suit lifts from 2-8" on the GQ-GU Patrol 16mm Heavy Duty Rod for extra strength & designed with Extra stud articulation in mind.

From RRP \$69

TOW POINTS

SS41 Carbon Steel Plate. Between 10-12mm plate thickness. Destruction tested during development to establish Working Load Limits.

From RRP \$75

HILUX DROPPED DRAG LINK

Correct misalignment in the steering geometry on your 2"+ lifted Hilux

From RRP \$250



For these products and many more,
visit your nearest Opposite Lock store.

Check out the website
for more great products.

To find out more scan the QR
code with your QR reader on
you mobile device





Roothy

ROOTHY'S CAPE YORK TRIP

When Opposite Lock HQ rang up and asked me if I'd be interested in testing their new range of Aussie made suspension I figured their timing couldn't have been better! We had a family trip to Cape York only a few weeks away and the 76 Series Toyota was still running standard springs and shocks. Original stuff does a decent job of holding the chassis off the ground but that's about it. Add a couple of years and the difference between what your truck came with and the good stuff can be incredible.

The first trick in selecting suspension is that 'Australian made' ticket. If it's not made from local steel, it's not going to last the distance given our local conditions. And sticking overcomplicated stuff under a four wheel drive might be OK for competition work but it doesn't handle the constant pounding of corrugated tracks. No, what works best in Australia is quality simple suspension. The springs need to be soft enough to allow the vehicle to flex through the rough stuff and give your passengers a decent ride all day long. And the shock absorbers need to be matched to the springs - controlling compression and rebound without dominating either. If they do, they'll overheat and fade out.

Forty years of experience fitting and servicing all the major brands of suspension here in Australia means that Opposite Lock start with a big advantage. They've seen what goes wrong right around the country and they know what's required to go where us Aussies want to go!

After helping with the fitting - spanners, I can't help it! - I was really impressed with the greasable shackles on the rear leaves, an incredible improvement over the standard stuff in both strength and flexibility. New

polyurethane bushes went in all around as part of the kit and when we measured her up the 76 had grown 53mm at the rear and 51 up front. Perfect!

Extra clearance off-road is always good but the ride home was even better. That's the thing about good suspension, you notice it straight away and every day. The ride in our 76 had smoothed right out, even those gutter glitches turned into glides!

Despite being further off the ground our truck cornered so much better it wasn't funny with minimal body roll and that lovely secure feeling of well damped spring movement. Thanks to Opposite Lock's Nation-wide warranty and support network we were able to get our initial checkup - an essential part of any good suspension fitment - done in Rockhampton on the way north.

New suspension has a habit of working itself in and loosening up a bit so a quick run over with the spanners after the first 500km is always a good idea.

Perfect, as was its performance over the next 6500km as the Cape dished out everything it had from miles of corrugations to the tough stuff on the Telegraph. No fade, no flattening of the bushes, nothing except reliable, supple suspension that handled everything we threw at it. Even the Handbrake was impressed and that's really saying something!

Now, several months later, our OL branded suspension is still making the family 76 Series feel like a sedan every day. Good suspension is the best money you can spend on a four wheel drive and Opposite Lock's own brand is the best value quality suspension I've used.

LIGHTING & ELECTRICAL

Light up your offroad adventure with the largest range of 4x4 vehicle lighting. Opposite Lock provides a selection of high intensity driving and LED lights.





THE LIGHTFORCE STORY...

The extraordinary story of LIGHTFORCE began over 25 years ago with our founder Dr Raymond Dennis (Ray) in the country town of Cleve in South Australia. After searching the retail market for a high quality and robust spotlight to use on his property and finding nothing suitable, he decided to build one himself ... and the rest, as they say is history.

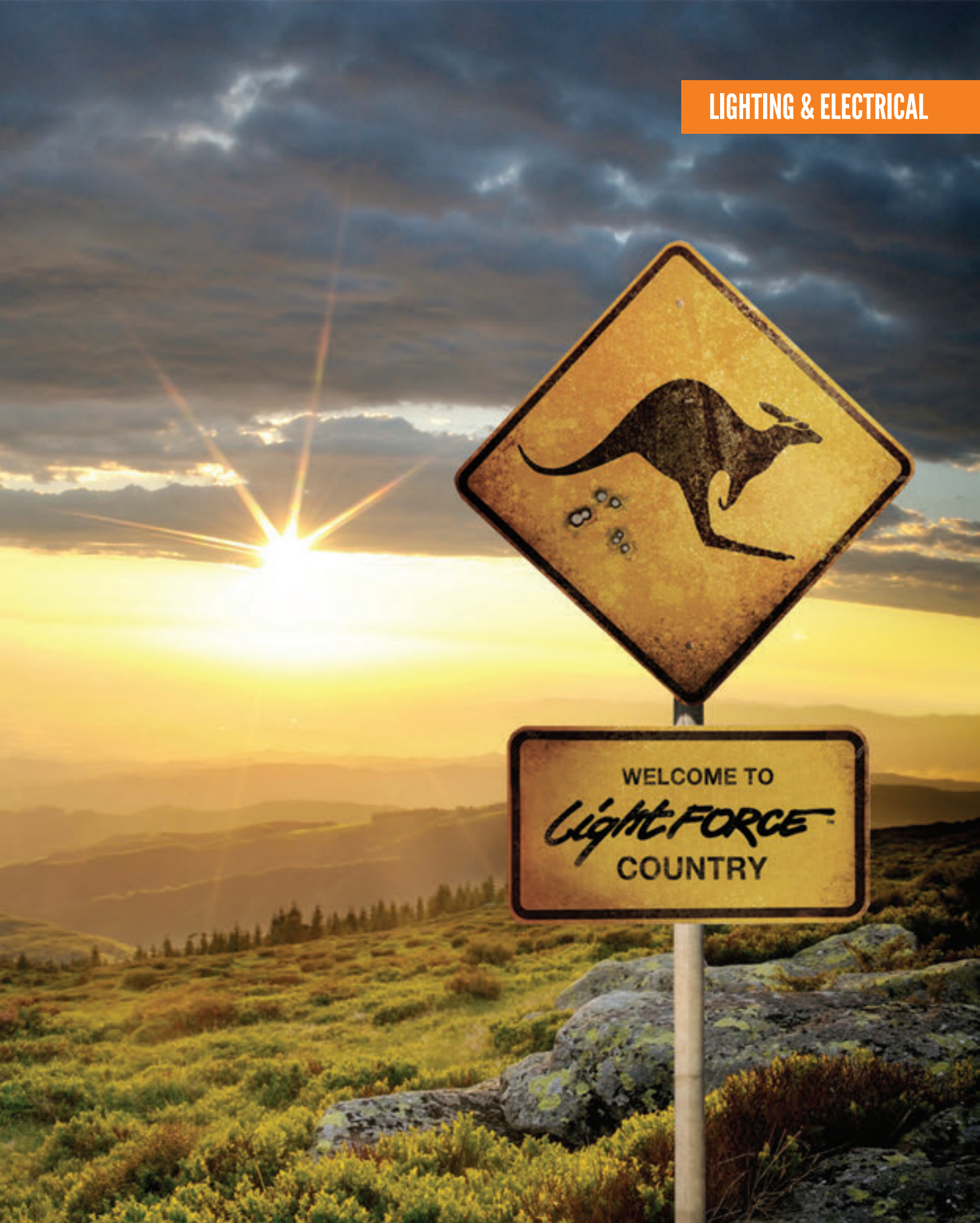
Being a man of vision and foresight, Ray recognised the potential demand for the lightweight, portable and hand-held spotlight which lay before him. It was a system powerful enough to use for professional purposes yet priced within the grasp of the enthusiast and sportsman.

Enter Lightforce; Ray soon produced his first commercially manufactured lighting system. Based on original designs, his lighting systems found such favour among professionals and sporting enthusiasts alike that production was increased and new improvements were incorporated. This brought greater diversity to the range, ensuring the growing success and popularity of the brand.

Lightforce is now based in Adelaide, South Australia and employs over 70 trained staff. Our fabrication plant has grown into a sophisticated manufacturing facility and Lightforce has a formidable reputation as a global leader in innovative design and excellence in the manufacture of high performance and durable lighting systems. Ongoing development has opened up new markets and our award winning range of modular accessories has helped increase demand to the point where we now export to over 50 countries worldwide.

With more than 25 years experience, Lightforce is now a global leader in portable professional lighting systems as well as driving lights, rifle-scope optics and lighting accessories.

Unlike our competitors, we are undertaking pioneering work in the use of modern composite and eco-friendly materials. This not only gives us a clear competitive advantage, but has also earned us a number of prestigious Australian and international design awards. We continue to see growth in customer loyalty and confidence right around the world.





CLASSIC SERIES



The original classic series features a selection of reflectors to meet the needs of all.

No matter what vehicle you own or what driving conditions you face, Lightforce has the solution. The original classic series features a selection of reflectors to meet the needs of all. Constructed of hi- tech polycarbonate, tested in the harshest of environments and backed by a three year warranty, this is a range that you can truly rely on.

The compact 140 Lance is great for situations in which space is an issue, while the mid-sized 170 Striker is our most popular worldwide. Finally, the large scale, long distance 240mm Blitz has been designed to pack a punch and leave others in the dark! All lights in the classic series are available in both halogen and HID for flexibility of choice.

140 LANCE



Max. Intensity: 120 900 Cd (Single Unit Halogen) / 315 700 Cd (Single Unit 35W HID)

Effective Range: 492m @ 1 LUX (Pair Halogen) / 795m @ 1 LUX (Pair 35W HID)

Weight: 460 grams

Standard Bulb: 12V 75W Xenophot 4000 Hour Bulb / 35W HID 2500 Hour Bulb (5000K)

PHOTOMETRIC RESULTS



795m @ 1 LUX (Pair 35W HID)

170 STRIKER



Max. Intensity: 382 600 Cd (Single Unit Halogen) / 456 000 Cd (Single Unit 35W HID) / 920 500 Cd (Single Unit 50W HID)

Effective Range: 875m @ 1 LUX (Pair Halogen) / 955m @ 1 LUX (Pair 35W HID) / 1357m @ 1 LUX (Pair 50W HID)

Weight: 560 grams

Standard Bulb: 12V 100W Xenophot 2000 Hour Bulb / 35W HID 2500 Hour Bulb (5000K) / 50W HID 2500 Hour Bulb (5000K)

(24V Halogen / HID Versions Available)

PHOTOMETRIC RESULTS



1357m @ 1 LUX (Pair 50W HID)

240 BLITZ



Max. Intensity: 493 900 Cd (Single Unit Halogen) / 725 240 Cd (Single Unit 35W HID) / 1 464 000 Cd (Single Unit 50W HID)

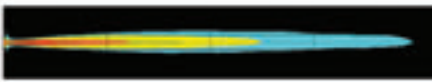
Effective Range: 994m @ 1 LUX (Pair Halogen) / 1204m @ 1 LUX (Pair 35W HID) / 1711m @ 1 LUX (Pair 50W HID)

Weight: 880 grams

Standard Bulb: 12V 100W Xenophot 2000 Hour Bulb / 35W HID 2500 Hour Bulb (5000K) / 50W HID 2500 Hour Bulb (5000K)

(24V Halogen / HID Versions Available)

PHOTOMETRIC RESULTS



1711m @ 1 LUX (Pair 50W HID)

PROFESSIONAL SERIES



LIGHTING & ELECTRICAL

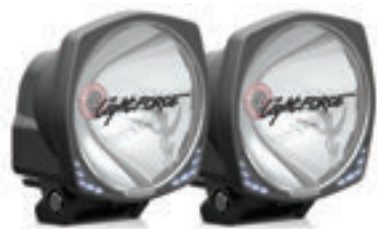
The professional series incorporates many of the features from the classic series, while adding a whole lot more!

The next step up in the Lightforce range, the professional series incorporates many of the features from the classic series, including the hi-tech polycarbonate construction and three year warranty while adding a whole lot more! With internal ballasts to prevent against moisture and contaminant ingress, and with added security, the professional series has got it all.

Featuring the new 170mm Venom – with its unique LED edges for added safety, the popular 210mm Genesis with its versatile four point mounting system and the award winning 240mm XGT, you will be able to find a quality light to suit your needs in the Lightforce professional series



170 VENOM



Max. Intensity: 592 064 Cd (Single Unit 35W HID) / 925 100 Cd (Single Unit 50W HID)

Effective Range: 1088m @ 1 LUX (Pair 35W HID) / 1360m @ 1 LUX (Pair 50W HID)

Weight: 900 grams

Standard Bulb: 35W HID 2500 Hour Bulb (4200K) / 50W HID 2500 Hour Bulb (4200K)

(24V Halogen / HID Versions Available)

PHOTOMETRIC RESULTS



1360m @ 1 LUX (Pair 50W HID)

210 GENESIS



Max. Intensity: 482 300 Cd (Single Unit Halogen) / 835 300 Cd (Single Unit 35W HID) / 1 205 000 Cd (Single Unit 50W HID)

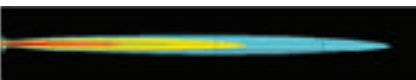
Effective Range: 982m @ 1 LUX (Pair Halogen) / 1293m @ 1 LUX (Pair 35W HID) / 1552m @ 1 LUX (Pair 50W HID)

Weight: 1.1kg

Standard Bulb: 12V 100W Xenophot 2000 Hour Bulb / 35W HID 2500 Hour Bulb (5000K) / 50W HID 2500 Hour Bulb (5000K)

(24V Halogen / HID Versions Available)

PHOTOMETRIC RESULTS



1552m @ 1 LUX (Pair 50W HID)

240 XGT



Max. Intensity: 510 300 Cd (Single Unit Halogen) / 936 000 Cd (Single Unit 35W HID) / 1 623 000 Cd (Single Unit 50W HID)

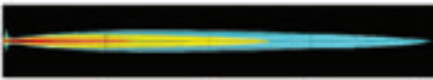
Effective Range: 1000m @ 1 LUX (Pair Halogen) / 1310 @ 1 LUX (Pair 35W HID) / 1802m @ 1 LUX (Pair 50W HID)

Weight: 1.37kg

Standard Bulb: 12V 100W Xenophot 2000 Hour Bulb / 35W HID 2500 Hour Bulb (4200K) / 50W HID 2500 Hour Bulb (4200K)

(24V Halogen / HID Versions Available)

PHOTOMETRIC RESULTS



1802m @ 1 LUX (Pair 50W HID)



LED SERIES



The LED series has been engineered to the high standard that users have come to expect from Lightforce products.

Using the latest technology, the Lightforce LED range has been engineered to the high standard that users have come to expect from Lightforce products, including the industry leading three year warranty.

This continually expanding range now includes a 180mm driving light, available in both spot and combination beams with tough pressure cast aluminium construction, two pack DuPont® automotive coating, rugged impact resistant hard coated polycarbonate lens for durability and a water proof rating to IP68 standard. In addition to this, a 215mm LED light which is designed specifically for larger vehicles and truck drivers. Built to the same tough standard as the 180, the 215 is also available in both the spot and combination beam patterns.

Rounding off the LED range is the compact yet powerful 2 inch ROK40 work light, perfect for a range of applications including heavy equipment usage, mining, marine, off road vehicles and ATV to name a few. Each light within this range features an impressive 50,000+ hour LED life span to ensure that Lightforce LED will never let you down.

ROK 40



TECHNICAL SPECIFICATIONS

- Power: 40W (4 x 10w Cree chipsets)
- Raw Lumens: 3200
- Weight Including Bracket: 716 grams

PHOTOMETRIC RESULTS



200m @ 1 LUX (Single ROK 40)

180 LED



TECHNICAL SPECIFICATIONS

- Power: 70W (7 x 10W Cree chipsets)
- Raw Lumens: 5180
- Weight Including Bracket: 2.1kg

PHOTOMETRIC RESULTS



473m @ 1 LUX (Pair 180 LED)

MODULAR FILTER SYSTEM



LIGHTING & ELECTRICAL

Made of polycarbonate, our filters are able to withstand impacts that literally can leave our opposition in pieces!

Made of polycarbonate, our filters are able to withstand impacts that literally can leave our opposition in pieces! Polycarbonate is used in fighter aircraft canopies, security screens etc. Our system even includes infra-red as supplied to the military and law enforcement agencies for covert operations with night vision gear. It's a tough world out there and Lightforce is sought after for its unique performance where the majority fail.

SPOT
140 | 170 | 210 | 240



CLEAR
Supplied as standard



YELLOW
Fog | Silt | Haze | Dust



CRYSTAL BLUE
Increased clarity



SNOW BLUE
Snow | Rain | Sea Spray



AMBER
Offroad | Silt | Haze | Dust



BLACK
Protective

COMBO
170 | 210 | 240



CLEAR
Supplied as standard



YELLOW
Fog | Silt | Haze | Dust



CRYSTAL BLUE
Increased clarity



SNOW BLUE
Snow | Rain | Sea Spray



AMBER
Offroad | Silt | Haze | Dust

WIDE
140 | 170 | 210



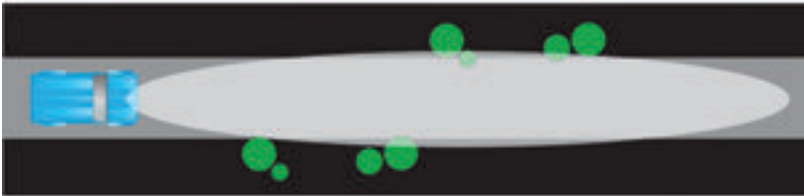
CLEAR
Supplied as standard



YELLOW
Fog | Silt | Haze | Dust

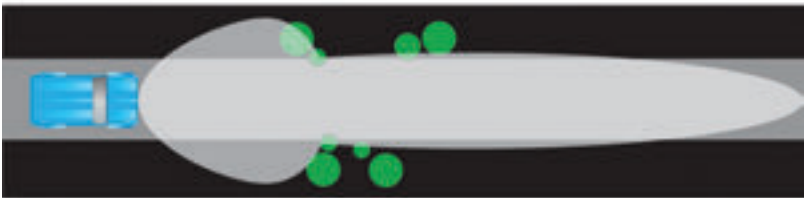


CRYSTAL BLUE
Increased clarity



SPOT

Every light is supplied with a CLEAR SPOT filter. This allows maximum distance and via various colours allows you to quickly change to suit any driving conditions.



COMBO

The COMBO gives a wide beam pattern plus the bonus of long distance all in one. This is fast becoming the most popular Lightforce accessory worldwide!



WIDE

The WIDE angle maximises the beam spread giving broad peripheral vision. This enables you to see potential hazards and enhances your driving safety and performance.

VENOM!

NEW FROM *LightFORCE*TM
PERFORMANCE LIGHTING



OUTBACK TOUGH, CITY STYLE

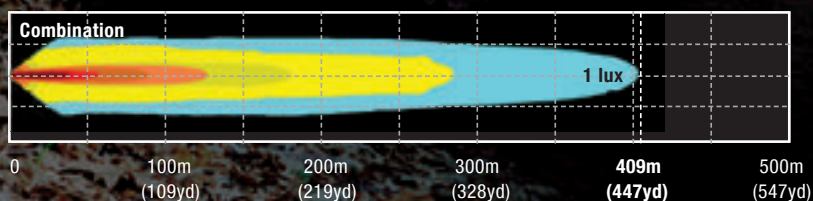
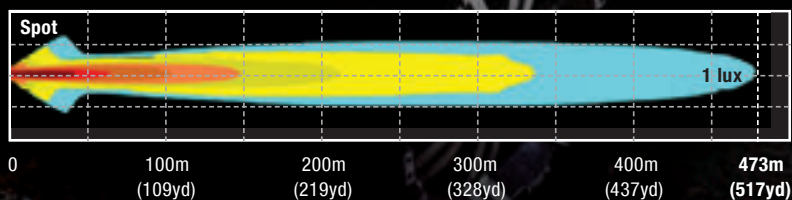
Durable high performance meets the latest in technology and style.
The new Venom driving light is proudly Australian designed and made.

lightforce.com



LightFORCE
PERFORMANCE LIGHTING

LIGHTFORCE LED HAS ARRIVED



National Association of Testing Authorities Accredited, Australia 2014. Photometric testing performed by Photometric Solutions International Pty Ltd (PSI) Huntingdale VIC • April 2014



lightforce.com  

Lightforce Custom Built offers a custom design and fabrication service, specialising in lighting solutions for customers with unique requirements. Feel free to contact us to discuss your individual needs.

AUSTRALIAN SPOTLIGHT PROTECTION

Sick of 'yellowing' spotlight covers?
Australian Spotlight Protection can help.

From the Bush to the Beach to the Arctic, we have tested our covers everywhere.

All of our products are made from 100% UV resistant Acrylic. The UV resistant material prevents discolouration and keeps your covers looking crystal clear.

To give you piece of mind all of our clear covers come with a 15 year warranty against 'yellowing'!

Australian Spotlight Protection offers a range of clear and coloured covers for both spotlights and driving lights.

We are also a proud OEM supplier to Ford, Holden, Jeep, Mitsubishi Motors, Nissan, Toyota and Kenworth.

Available at your nearest **OL opposite lock**
4WD & Vehicle Accessories



OUR PRODUCTS ARE PROUDLY AUSTRALIAN OWNED
AND MADE. FAMILY RUN BUSINESS SINCE 1992.

LIKE US ON FACEBOOK

SPOTLIGHTPROTECTION.COM.AU



OPPOSITE LOCK HIGH PERFORMANCE LED LIGHTING

LIGHTING & ELECTRICAL

Opposite Lock offers a rock solid range of high performance LED Driving Lights, Light Bars and Work Lamps.

When it comes to 4x4 vehicle lighting, Opposite Lock has teamed up with quality, trusted manufacturers to deliver an LED range to suit all offroading needs.

Built tough to withstand most impacts and terrain, using the latest advanced drivers and circuitry, including ETM (Electronic Thermal Management) prevents the LED's from overheating and failing under the most extreme conditions.

Light up your offroad adventure, speak to Opposite Lock about equipping your vehicle for the night!



DRIVING LIGHTS



The NITRO 180mm L.E.D Driving Lights are the latest addition to the Power Vision driving light range. Utilizing a robust high pressure die-cast aluminium housing, high impact polycarbonate lens and superior optics, the NITRO is in a class of its own.

All Nitro lamps come complete with easy adjust mounting bracket, clear lens covers and waterproof plug connectors for complete peace of mind.

LIGHT BARS



The L.E.D Light Bars are the latest addition to the Opposite Lock huge lighting range. Utilizing a robust extruded aluminium housings, high impact polycarbonate lens and superior optics, the Dura Vision Light Bars are in a class of their own. The Dura Vision Light bars are available with 2 different wattage L.E.D - the Xcel utilizes a 5W L.E.D and the Tornado features a 10W L.E.D. All bars come standard with waterproof connectors for complete peace of mind.

WORK LAMPS



Dura Vision L.E.D Work lamps have proved their high performance and rugged construction in some of Australia's harshest conditions. A full range of Dura Vision L.E.D work lamps are available from you local Opposite Lock store.

From entry level, low powered lamps up to high powered extreme lamps for the recreational enthusiast we have got you covered.

POWER VISION®

NITRO DRIVING LIGHTS

The NITRO 180mm L.E.D Driving Lights are the latest addition to the Power Vision driving light range. Utilizing a robust high pressure die-cast aluminium housing, high impact polycarbonate lens and superior optics, the NITRO is in a class of its own. All Nitro lamps come complete with easy adjust mounting bracket, clear lens covers and waterproof plug connectors for complete peace of mind.

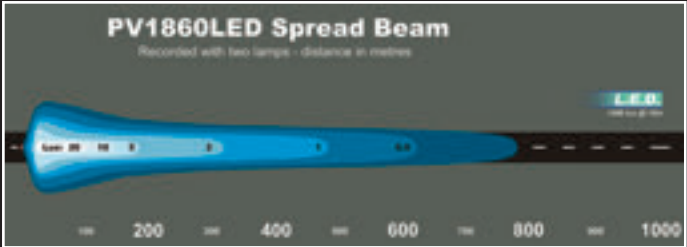
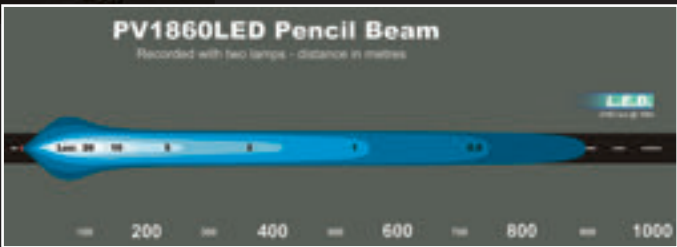
NITRO DRIVING LIGHTS

NITRO 60W

The 60W Nitro lamp features 12 x 5w Cree LED's producing over 5400 raw lumens per lamp. Available with long range pencil beam optics and wide angle spread beam optics the Nitro 60W lamps produce a high power focused beam for excellent illumination.



SPECIFICATIONS	60 Watt
Light Output - Raw	5440 Lumens/lamp
Light Output - Effective	3800 Lumens/lamp
Voltage	9V-60V
Waterproof Rating	IP68
Diameter	180mm
Warranty	3 Years
PART NUMBERS	
Pencil Beam	PV1860LEDP
Spread Beam	PV1860LEDS



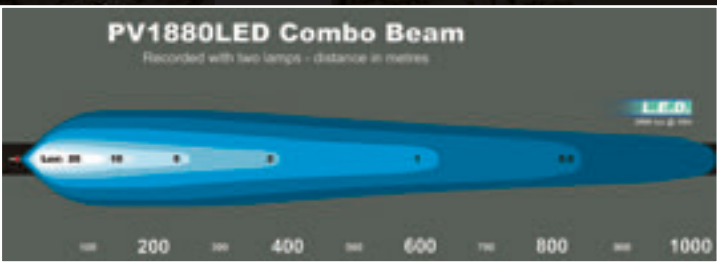
NITRO 80W

The 80W Nitro LED is built in Australia, utilizing the latest 10 Watt Cree USA high output LED's. Manufactured with the latest advanced drivers & circuitry, including ETM (Electronic Thermal Management) therefore preventing the LED's from overheating and failing under extreme driving conditions.

The REFLEX optics enhance the lighting output providing you with an exceptional high powered long range beam with the added features of super wide spread, giving you an exhilarating driving experience.



SPECIFICATIONS	80 Watt
Light Output - Raw	8230 Lumens/lamp
Light Output - Effective	6400 Lumens/lamp
Voltage	9V-36V
Waterproof Rating	IP68
Diameter	180mm
Warranty	5 Years
PART NUMBERS	
Black Housing	PV1880LEDB
Chrome Housing	PV1880LEDC
Black Housing Chrome Rim	PV1880LEDR



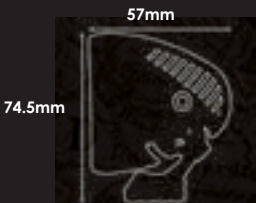
The L.E.D Light Bars are the latest addition to the Opposite Lock huge lighting range. Utilizing a robust extruded aluminium housings, high impact polycarbonate lens and superior optics, the Dura Vision Light Bars are in a class of their own. The Dura Vision Light bars are available with 2 different wattage L.E.D - the Xcel utilizes a 5W L.E.D and the Tornado features a 10W L.E.D. All bars come standard with waterproof connectors for complete peace of mind.

XCEL RANGE



- 5W USA Cree L.E.D's
- Lumens per L.E.D: 450 Lumens
- Available in 4 Lengths
- Extruded Aluminium Housing
- Polycarbonate Lens
- Euro Beam
- Compact Design
- Multi-Volt 10V-30V
- Waterproof Rating: IP67
- Length: 276mm - 990mm
- Waterproof Connectors
- 2 Year Warranty

No. of L.E.D's	LUMEN OUTPUT	LENGTH	PART NUMBERS
6 L.E.D's	2'700 Lumens	276mm	DVL06LED
12 L.E.D's	5'400 Lumens	516mm	DVL12LED
18 L.E.D's	8'100 Lumens	750mm	DVL18LED
24 L.E.D's	10'800 Lumens	990mm	DVL24LED

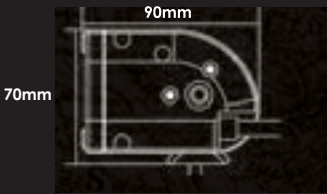


TORNADO RANGE



- 10W USA Cree L.E.D's
- Lumens per L.E.D: 950 Lumens
- Available in 5 Lengths
- Extruded Aluminium Housing
- Polycarbonate Lens
- Combo Optics
- Compact Design
- Multi-Volt 9V-48V
- Waterproof Rating: IP68
- Length: 277mm - 1074mm
- Waterproof Connectors
- 3 Year Warranty

No. of L.E.D's	LUMEN OUTPUT	LENGTH	PART NUMBERS
6 L.E.D's	5700 Lumens	277mm	DVS106LEDC
10 L.E.D's	9500 Lumens	436mm	DVS110LEDC
12 L.E.D's	11'400 Lumens	516mm	DVS112LEDC
18 L.E.D's	17'100 Lumens	755mm	DVS118LEDC
26 L.E.D's	24'700 Lumens	1074mm	DVS126LEDC





DIRTY weekends



SmartDrive™

Power to save fuel & cut emissions*

Enjoy a dirty weekend with Century's Ultra Hi Performance 4WD battery, designed to deliver longer life and reliable performance for Australia's harsh off-road conditions. Featuring revolutionary **SmartDrive™** technology this range of environmentally friendly batteries can help reduce fuel consumption and vehicle emissions* for the latest generation of motor vehicles.

Century

Batteries that last and last

www.centurybatteries.com.au

*In vehicles fitted with Regulated Charge Control Systems.

For more information contact your local Opposite Lock



Whether venturing into the outback, enjoying the hinterlands or sampling the Top End, it is important to have the right equipment and that includes the battery. Century 4WD batteries are designed and built tough to withstand the challenges of Australia's extreme off-road conditions.



Ultra Hi Performance Range

The ultimate in 4WD battery performance and technology. Designed and manufactured right here in Australia to suit our extreme climate and harsh off road conditions. Featuring extra thick battery plates, specialist alloys and denser active material, to provide superior starting power and longer battery life. Puncture resistant separators and Century's exclusive Platelock™ adhesives deliver superior vibration resistance and withstand damage from repeated impact on rough tracks.

ITEM ID	BATTERY	CCA (-18°C)	RC (25mins)
122103	N70ZZ4WD	760	185
122101	N70ZZL4WD	760	185



Hi Performance Range

Designed and built tough here in Australia to provide dependable performance and reliability in the latest 4WD vehicles. Derived from over 85 years of manufacturing expertise, they are ideal for use in urban or extreme off-road environments and feature the revolutionary SmartDrive™ technology to reduce CO2 emissions and fuel consumption^.

ITEM ID	BATTERY	CCA (-18°C)	RC (25mins)
121100	N70ZZ	720	160
121103	N70ZZL	720	160



Dual Battery Systems

In vehicles fitted with multiple accessories such as fridges and winches, a dual battery system utilising a secondary Deep Cycle battery is recommended. Century Deep Cycle Flooded batteries are constructed using thicker plates, specialist lead alloys and denser active material to withstand cycling. Platelock™ adhesives bind the battery plates securely together to deliver superior vibration resistance whilst the low maintenance design enables easy access to top up electrolyte levels, for maximum control over battery life.

ITEM ID	BATTERY	Ah (20h R)
141121	N70T	100



CB123-1507

A GREAT DAY BEGINS WITH A GREAT START...

A flat battery will not only ruin your day, it could potentially leave you stranded.

Sure it's great to have that second battery for running your fridge, keeping the beer frosty and the snags from going off is a must, but if it comes at the cost of a disabled vehicle, you could be wishing you had a larger supply of both...

The interVOLT EBI Pro takes full advantage of the high current from your vehicle's alternator to maintain your auxiliary battery without risk of discharging your main battery – period!



*The revolution in dual
battery controllers*

Please visit us at www.intervolt.com
or scan the QR code for more
information about the EBI PRO.

Features

- Charge your auxiliary battery when your vehicle is running
- Protect your starting battery from inadvertent discharge
- Program the switching voltages to suit your application
- Take advantage of your vehicle's full charging potential
- Divert excess solar power to charge your starting battery
- Use your auxiliary battery for emergency starting back-up
- Solid state electronics – no moving parts to wear or fail
- Rest easy knowing you have an EBI Pro under the hood!

Available
through
authorised
retailers
Australia wide.



interVOLT

BATTERY ISOLATORS

In many vehicles, particularly 4WD or RV applications, there is a requirement to automatically charge a second (or auxiliary) battery from the starting (or main) battery. This is a well proven concept and is usually only limited by the constraints of the device used in the installation. These constraints have now been overcome by the introduction of the EBI Pro.

The EBI Pro is a revolution in dual battery control devices. Unlike conventional electro-mechanical isolators the EBI Pro is solid state. Solid state means no moving parts. There are no contacts to vibrate, chatter, arc, wear and ultimately – fail. The MOSFET based topology of the EBI Pro is proven. Reliability, durability and longevity are built in. The solid state aspect is just the beginning.

Designed on the back of the ground-breaking PSR, the EBI Pro is also adjustable in terms of voltage and time delay. This provides the installer or operator with the means to customise the EBI Pro for the application rather than the ‘one size fits all’ philosophy from manufacturers of traditional devices. This is a feature previously unavailable in conventional dual battery isolators/combiners and sets interVOLT apart from the competition.



LIGHTING & ELECTRICAL

DUAL BATTERY BOX



For those vehicles in need of a fully-functioning Dual Battery System, but which are not blessed with sufficient under-bonnet space Opposite Lock can offer the Serious Dual Battery Box.

This unit provides all the battery facility you need to run fridges and lights, in a semi-portable package that can travel in the vehicle luggage space, where it plugs into the vehicle charging system.

The completely self-contained design of the battery box, with smart isolator, LED battery charge indicator and protected outlet sockets, means that it can be stored out of the vehicle when not required. It also provides camp-site convenience when lifted out of the vehicle to become the “power station” for accessories.

SPLIT CHARGE ISOLATOR



Simple Parallel-Charge systems can be installed for an appropriately economical price, in earlier vehicles, using “Smart” isolators, sometimes described as Split Charge isolators. Parallel Charging systems can gain more “intelligence” using the very latest MOSFET solid state switching, to protect vehicles with more electronic complexity and provide customising options in the way of operating voltages and time delays. These allow compatibility with the latest variable output alternators in current vehicles.

For further operating options, tolerance to remote battery locations and compatibility with the very latest vehicles’ charging systems, we can also offer DC/DC charging through the very latest devices coming to the market.

MANUAL SWITCHING ISOLATORS



These can be simple On/Off switches, or the Marine Type rotary isolators. The marine or 4-position switches offer a full range of switching options - battery 1 on, battery 2 on, both batteries on or both batteries off.

The upside is the comprehensive range of switching options. The downside is the need for the operator to remember to operate the switch at the appropriate times, and understand the consequences of remembering or forgetting.

To achieve switching inside the vehicle cabin requires running of starter sized cables through the firewall from the engine bay. For safety and function we recommend this installation is done at your local Opposite Lock store.

MAPS & NAVIGATION



Hema Maps is a Brisbane-based mapping and publishing company that was founded in 1983. The company has expanded purposefully to the point where today it has comprehensive Australia and overseas map coverage in a variety of forms including folded maps, atlases, guides and digital products such as apps and dedicated GPS navigation systems.

With a keen focus on off-road touring, Hema Maps has steadily built its reputation as masterful map makers in the four-wheel driving and outdoor adventure industries. This reputation has come to the fore thanks to the company's relentless pursuit of accurate cartographic detail relevant to outdoor explorers, realised by its unparalleled updating process.

The job of collecting and updating this data falls to field-teams known as the Map Patrol, who are responsible for exploring and mapping the vast array of off-road destinations in Australia to keep Hema Maps' data accurate and up-to-date. Since 1996, Hema Maps has GPS mapped over 250,000km of roads and tracks throughout Australia, and will continue to pursue premium quality and accuracy within its product range into the foreseeable future.



HN7 GPS NAVIGATOR



The Hema Navigator HN7 packages Australia's most trusted touring and off-road navigation inside a 7-inch finger-touch screen. Explore Australia with street and 4WD navigation, over 6000 camping and touring points of interest (POI) and brand new campsite photos that maximise the HN7's large high-resolution display.

- High resolution 7-inch display (800x480px)
- Finger-touch screen means no stylus required
- New finger friendly EziOzi user-interface for simple 4WD navigation
- Over 6000 fully detailed Camps & Caravan Parks Australia Wide POI

HEMA EXPLORER APP



Hema Explorer combines reliable Hema maps for navigation with innovative content and features for planning ahead.

Hema Explorer has offline Hema base maps (1:1Million Touring and 1:250k Topo) and online access to satellite, street and terrain mapping which you can clip and save to use out in the bush. 40,000 interactive points of interest (POI) with facilities, activities and contact details attached are pinpointed on the mapping, informing trip-planning and real-time navigation decisions. Meanwhile, online access to the Hema Explorer Cloud, Hema's public track database, in addition to in-app weather and rain data will ensure you have all your bases covered when your next adventure rolls around.

ROAD & 4WD ATLAS



The Australia Road & 4WD Atlas has Australia-wide atlas mapping and a bonus 4WD mapping section, with facilities marked on the map for informed trip-planning and navigation.

- Camping and rest areas
- Overnight camping and caravan parks
- 24-hour fuel
- Town maps
- 4WD section includes Cape York, Fraser Island, High Country Victoria, the Flinders Ranges, Central Australia, the Top End, the Kimberley and the Pilbara

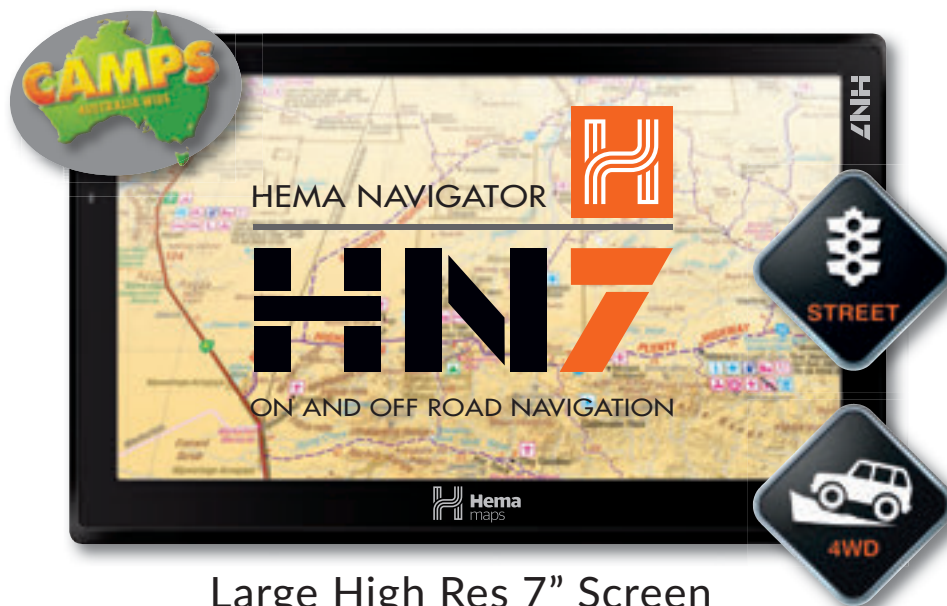
Prepared to explore.

Since 1996 Hema has GPS mapped over 300,000km

Hema Maps has been exploring Australia for over 30 years to craft the most accurate and detailed mapping possible for out-of-the-way areas. By actually driving tracks in order to gather the data and information seen on every Hema map, this company of explorers' range of GPS navigators, mobile apps and printed products are the most reliable and intuitive navigation tools for four-wheel driving, camping and touring throughout Australia.

Hema Navigator HN7

ON AND OFF ROAD NAVIGATION



Large High Res 7" Screen

Preloaded with:

STREET NAV

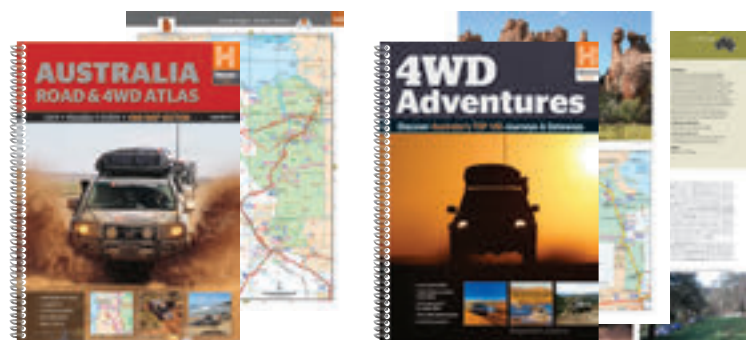
- iGO Primo Street Nav with big button display
- 6000+ Camps & Caravan Parks Australia Wide points of interest (POI)
- POI include free and low cost sites with 2300 Camps Snaps site images, facilities and site information

4WD NAV

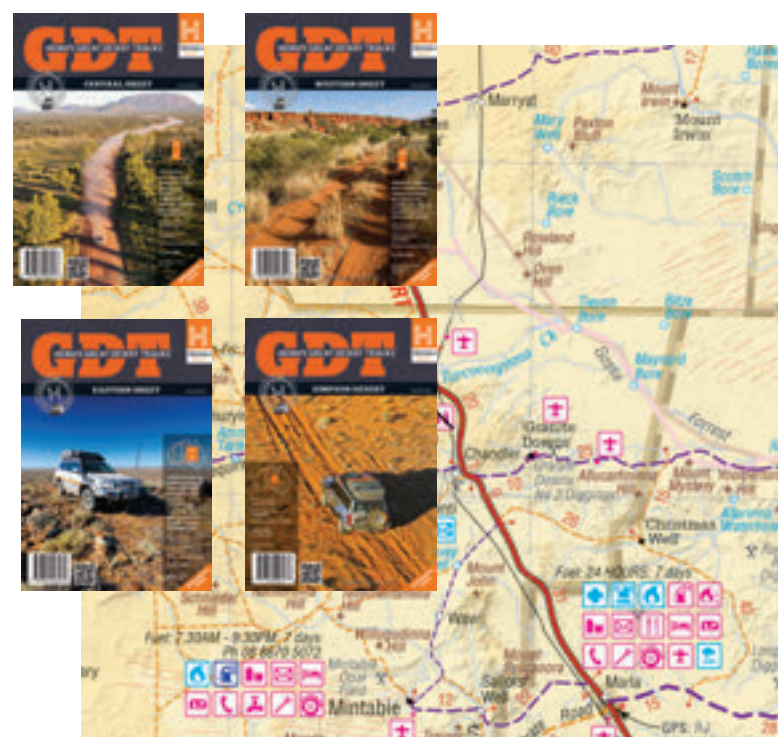
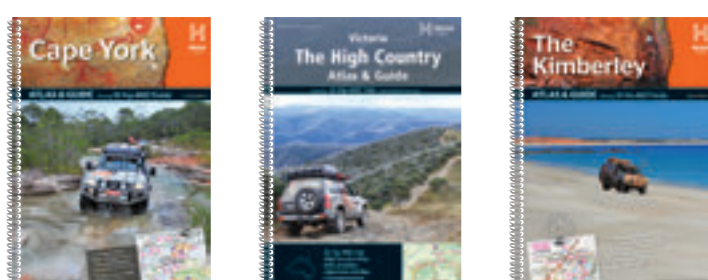
- Updated EziOzi 4WD Nav with large, finger friendly buttons
- Hema seamless 1:1Million and 1:250k Australia Touring maps
- Hema 4WD & Topo maps
- Hema Navigator Explorer Windows™ PC software



of Australia's most remote roads and tracks.



hemamaps.com



shoot/share™

  @IONCAMERA
#IONCAMERA

Using ION's SHOOT/SHARE technology you can shoot every experience and share as you live it via Facebook, You Tube, iON CLOUD or e-mail.



Dashboard

-Check your Wi-Fi connection, file upload status and check your battery life.



-Check the file details including date, size, resolution and file type.



Album

-Sort and filter the photos and videos within the albums.



Remote

-Use your iOS device as a viewfinder to preview, as a live camera and to record.



Settings

-Control the camera functions and settings remotely.

www.ioncamera.com

ION ACTION CAMERAS



LIGHTING & ELECTRICAL

Get out of the box with iON Cameras.

Rightly, customers want more bang for buck and something that is easy to use yet delivers the ultimate footage of daring escapades.

Enter iON Cameras, the company that brought Shoot/Share™ Wi-Fi connectivity to point-of-view (POV) cameras.

They are designed to be the best in terms of quality yet they are super EASY to use. They are also focused on multi use options - so the product can be used as an in-car safety camera and evolve into a POV video to use in a wild river crossing mounted on the bonnet (or person).

The range includes SpeedPro, AirPro2 and Adventure (in-built GPS) are able to be used, set and downloaded via WiFi from your smartphone or device. Waterproof out of the box (without housing) means no fogging and lost footage with 'real' audio. Vibrate on/off and burst or time-lapse still image options make iON the clear market leader in simple and effective POV technology.



SPEEDPRO



Aimed at motor enthusiasts, adrenalin junkie and recreational sports enthusiasts alike, this product offers users amazing advantages:

- One of the lightest Wi-Fi enabled (Wi-Fi PODZ™ sold separately) HD Action camera weighing just 130 grams.
- Waterproof to 30ft (10 metres), complete with waterproof microphone to enable high quality audio while offering protection from the elements.
- Wide angle lens - provides ability to record in HD with a field view of up to 170 degrees.
- HD recording - Up to 1080p at 30fps/720p at 60fps or 30fps.

AIRPRO



Aimed at professional and amateur photographers, adventurers, adrenalin junkies and recreational sports enthusiasts alike, this product has a lot to offer:

- One of the lightest Wi-Fi HD Action camera weighing just 142 grams.
- Custom anti-fog lens
- HD recording - Up to 1080p/60fps video resolution..
- 12 megapixel stills - Single Shot (one shot), Burst Mode (three in one second), Time Lapse (a photo every 10,20 or 30 seconds).

ADVENTURE



Packed full of features for every kind of sports addict, traveller or motorist. This product has features for both in car and action video use.

- Built-in GPS receiver to add location, speed and altitude data to videos.
- Loop recording mode allows continuous non-stop recording with dual memory card slot.
- Simple to use one touch function allows simultaneous camera start and record all with one finger.
- 3 hours battery life.
- Ultra wide angle lens.
- HD recording - Up to 1080p video resolution.

Electronic Rust Prevention System



- Prevents Rust
- Maintains the resale value of your vehicle
- Saves on maintenance costs
- Protects not only the outside of vehicles but also all the inner and hidden areas that sprays can't reach
- Prevents stone chips from developing into protrusion rust
- Enhances paintwork
- Unmatched record of 18 years of Australian manufacturing



For more information, speak to your local
Opposite Lock representative

www.erps.com.au

ELECTRONIC RUST PROTECTION



ERPS has been designing, developing and producing its electronic rust prevention systems from their Gold Coast, Australia facility since 1996. Since then more than 30 other brands of electronic rust prevention have come and gone. ERPS remains and their base of satisfied customers in Australia and around the world continues to grow.

When choosing an electronic rust prevention system for your vehicle you must consider a number of variants, namely the type and size of vehicle (car, 4WD, bus, earth moving machinery etc), the age of the vehicle and the environment to which the vehicle will regularly be exposed.

The larger the vehicle, the older the vehicle or the harsher the conditions, the stronger the protection required and therefore the larger electronic rust prevention system required.

ERPS manufacture four standard size systems:

- Single coupler system - “monolithic”
- Four coupler system
- Six coupler system
- Ten coupler system
- Custom made systems are also available for all applications.



SAFETY FIRST

Current specifications for sand dune driving (for the Simpson Desert but recommended everywhere else!) require a 300mm wide x 290 mm high 'hi-vis' flag with the top of the flag being a minimum of 3.5 metres from the ground at the front of the vehicle. If it's attached to the roof rack it must be two metres higher than the roof. Which is why Opposite Lock has a square fluorescent orange flag criss-crossed with highly reflective strips and a full complement of mounting kits to suit their bright orange safety flag pole!

Knowing that this kit needs to be kept in good condition for the usually huge track mileages required to get to desert country there's also a storage bag on offer to protect what is without a doubt a critical bit of safety kit for the serious Aussie bush traveller.

Yep, we've come a long way since the days when I used to hoist a bright purple chip packet on to a long stick and tape it to Milo's rack! But then the volume of traffic and the higher speeds people need to crest dunes means doing the right thing isn't just a legal requirement, it's essential for a safe crossing.

Tyre failure is common in the outback which is why you should be carrying two spares and some tyre plugs or spare tubes. You can save a lot of drama with a Tyreguard tyre pressure monitoring system by getting some early warning on a sudden drop. These units are especially helpful for people who enjoy a lot of low pressure beach work because they also monitor the heat build up using low pressures over long periods can sustain.

Talking sustenance, carrying a good first aid kit is essential whether it's a trip up the beach or across the country. This is another area where

Opposite Lock's forty plus years of experience comes to the fore - the OL first aid kit contains Aussie type essentials like burn dressings and gel, instant ice packs, sunscreen and much more. My best bet here is to take a first aid course too. I did one about thirty years ago as part of a mine operating licence but, as my Handbrake was only too keen to inform me, most of that old information is as out of date as a pair of tight cut stubbies. No more cutting snake bites and sucking out the venom, the proven way now is to use pressure bandages to slow down the circulation without cutting it off! Yep, get yourself to a one day first aid course and learn how to save a life!

The biggest life saver might be the one you never need to use though. If you're planning some serious overlanding without other vehicles to back you up, not much beats a PLB or Personal Locating Beacon. Opposite Lock stocks the GME units which are totally reliable but if you're budget doesn't stretch that far I'd recommend the SPOT Satellite GPS Messenger unit.

I know it works, I set one off during testing by accident on the west coast of Tasmania. Twenty minutes later a helicopter flew over the ridge and zeroed in on our beacon. Hmmm, won't be doing that again, unless we have to!

Rusty



SAFETY FLAGS



The 4x4 Equip Safety Flag meets Occupational Health & Safety Standards for mining and industrial vehicles and is an ideal replacement flag for the 4x4 Equip Safety Flag Pole.

It also suits most other brand Safety Flag Poles.

Manufactured from heavy duty mesh it features a tubular sleeve for placing over the flag pole, and three eyelets for securing. The safety orange colour attracts attention while the reflective strips ensure increased visibility from every angle. Cable ties are included.

FIRST AID KITS



If you're venturing out into the bush, down the beach, or even heading off in your boat, it pays to be prepared for almost any eventuality.

If you are into adventure or have working personnel in the bush this kit will suit you. Packed with valuable extras from Burn-aid dressing and gel, Instant ice pack, Sunscreen, Crepe/ Compression bandages, to Resuscitation face mask and Thermometer. Smart looking, large soft pack with carry handles and waist strap.

PERSONAL LOCATOR BEACON (PLB)



GME's Accusat MT410G Pocket Pro+ with integrated GPS Personal Locator Beacon (PLB) has been leading the world's PLB market due to its features, and innovation.

The MT410G Accusat PLB offers a 7 year battery replacement life, and a 7 year warranty, the unit also features a high intensity flashing LED, a 'Non Hazmat' battery pack for simple and cost effective transportation and a 50 search channel GPS receiver with top mounted Quad helix antenna to improve location accuracy to better than 100 metres typically.