

#### **4WD & AWD SUV REVIEWS**

- JEEP CHEROKEE TRAILHAWK
- ADI SQ5 TDI
- BMW X6 M50 D
- PORSCHE CAYENNE GTS
- JEEP GRAND CHEROKEE SRT
- SUBARU FORESTER XT
- PLUS 6 NEW SUV MODELS

WE TAKE A TOYOTA PRADO FOR A LONG DRIVE AROUND NEW ZEALAND'S SOUTH ISLAND..PART 1 THIS ISSUE

# CAMPER TRAILER AND SLIDE ON CAMPER NEWS & REVIEWS

- UTILITY CAMPERS C190 UTE BACK
- CAMERON CAMPERS EASY CAMPER
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#### EDITORS COMMENTS & CONTENTS

Welcome to the OzRoamer Magazine for the months of May and June 2014. In line with the changing face of OzRoamer we are now producing a full online e-magazine. We have redesigned the magazine in line with the overwhelming requests from readers and subscribers. This is back to where we started many years ago with an online e-magazine. Its funny how tastes change.

Most e-magazines are simply the normal magazine placed online however the new format OzRoamer Magazine is specifically designed for tablets, e-readers and smart phones. Research shows that the majority of e-magazines are read on one or more of those pieces of hardware and so the older style magazines just don't work as well. The beauty of this style is that you don't have to scroll up and down the page to read in columns like a printed magazine. The articles just flow across the page in line with your normal reading patterns .

This issue we have over 80 pages of information to help readers make more educated buying decisions. There are 6 new 4WD & AWD SUV models as well as 6 reviews on both SUV styles. We also take a trip to New Zealand in a Toyota Prado and have part 1 of the story. We have news and reviews on four camper trailers and slide on campers. We have the Utility Campers C190 ute back camper, quality and style for reasonable price, Cameron Camper Easy Camper, Active Campers Optima slide on camper and the Sar Major Aussie Trekker.

On the ATV front Polaris have just released their revolutionary new design the Sportsman ACE. We review the Lark UTV Brumby UX7, Polaris releases a special Finke edition of the RXR 1000, his is sure to be a talking point for the other manufacturers. There is also another 5 pages of ATV news.

In this edition we rate over 150 new 4WD & AWD SUV's for towing and off road ability, this is without question the most comprehensive rating in the country. If you need a product or service try our OzRoamer Business Directory listings.

This is the second issue in the new format and the feedback from issue one has been both positive and encouraging. Thank you for embracing the new style so enthusiastically. Stay tuned for what we have planned in the coming months with regular features, places to go and stay, news and reviews on 4WD, AWD SUV's, camper trailers, slide on campers, caravans, off road motorhomes, camping equipment etc. In fact if you are thinking of travelling the outback of Australia, you cant afford to miss an issue.

If you like this new magazine style let us know, the OzRoamer magazine is now on sale. Cheers for now!



## Rob Fraser

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OzRoamer Product and Services Directory

**OzRoamer Business Directory** 

**OzRoamer Buyers Guide** 

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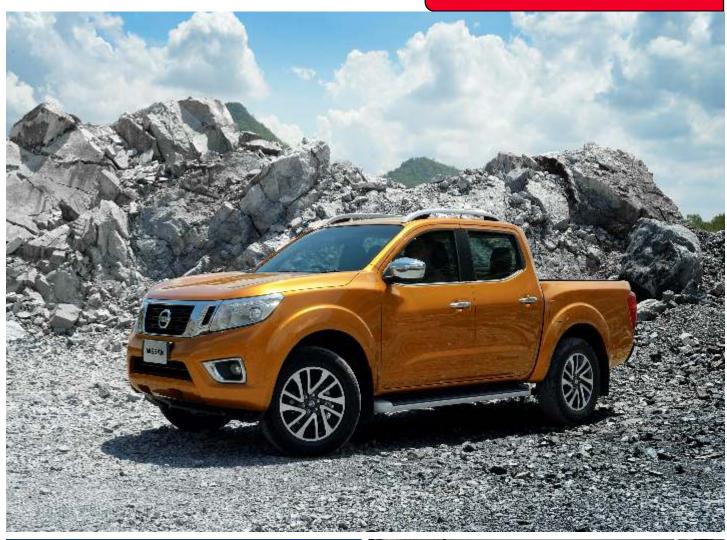
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Fuel Filter - VS000471	\$24.20	\$30.50	\$6.30

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#### All-New Nissan Navara

Nissan will launch the All-New Nissan Navara in the Australian market in early 2015. Australian specification, including engines, transmissions and grades, will be confirmed at a later date. The all-new Nissan Navara is the 12th generation and is represented by a wide range of body types and powertrain options according to individual market demands, through narrow- and wide-body type, king and double cab models, as well as all-wheel drive and two-wheel drive types.

The visual appeal of the Navara is enhanced thanks to the boomerang shaped lighting signature created with LED daytime running lights that gives a prominent and distinctive impression. Additional visual spice comes from chrome waist line mouldings and turn indicators mounted in the door mirrors.

In addition, the Nissan designers have styled the interior to represent a new quality benchmark in the segment, with finely designed meters and a tactile steering wheel, as well as the use of an aluminium-like finish on the centre cluster and console as well as the finely crafted stitches on the seat.

Overall, the interior is spacious and comfortable. The dashboard sports multiple easy-to-read dials, plus a large centre console with a full array of intuitive features that combine with steering wheel controls to enable easy and safe use while driving.

While life on-board is comfortable and convenient, the Navara has been designed and developed to handle heavy loads, with high-strength chassis and suspension. Shift-on-the-fly 4x4 driving can be engaged while the vehicle is in motion. The VDC (Vehicle Dynamic Control) system helps improve 4x4 driving performance and safety, along with ABLS (Active Brake Limited Slip), HSA (Hill Start Assist) and HDC (Hill Descent Control). Overall, the new Nissan Navara provides fleet and individual owners improved productivity in the field and comfort on the road. This is thanks to the high quality engineering that has delivered a tough and durable frame along with high performance powertrains, and a striking design inside and out for a premium ownership experience.







#### Ford Ranger 4x4 XL Plus Arrives

The Ranger 4x4 XL Plus includes several important upgrades to take Ford's award-winning Pick up to a new level. It has been launched to fulfil the needs of the mining industry, key government agencies, as well as private Ranger customers. The Ranger 4x4 XL Plus will be available in Single Cab Chassis, Double Cab Chassis and Double Cab Pick-up models. The Manufacturer's List Price\* is \$46,280 for the Single Cab Chassis, \$51,760 for the Double Cab Chassis and \$52,760 for the Double Cab Pick-up.

All come standard with Ford's proven 3.2-litre turbo-diesel engine mated to a six-speed automatic transmission. The newest series arrives in dealerships from May, 2014.

The Ranger 4x4 XL Plus is a purpose-built new vehicle with specifications and features that will appeal to industry fleet buyers, including mining companies, government departments and organisations seeking more from their Ranger. The Ranger XL Plus will also be available to private buyers.

The Ranger 4x4 XL Plus has a locking rear differential and a tow bar rated to 3,500 kg. The new model takes advantage of the 5star ANCAP safety rating requirements for new vehicle purchases by large fleet companies.

Ranger 4x4 XL Plus standard features include: 4x4 shields / mud flaps / tow bar , daytime running lights Running boards (Double Cabs only) , 17-inch steel wheels and All-Terrain tyres (Continental 265/65 R17) , Heavy duty canvas seat covers , Expanded wiring harness and switch bezel, Front battery 75 amp hours, Second battery 80 amp hours deep cycle discharge Gel battery, Second battery isolator , Moulded black bumpers Optional: Steel bull bar (retains 5-star ANCAP rating)

Ford Australia Vice President of Marketing, Sales and Service, Graeme Whickman, said Ford had worked with key industries, including the mining sector, to develop the Ranger XL Plus.







#### BMW eXtroverted, the New BMW X4

The booming mid-size premium crossover segment is about to take on a whole new character with BMW Australia today announcing details and pricing of the first ever Sports Activity Coupe (SAC) to enter this field, the BMW X4.

With signature BMW X features, unmistakable coupe character, a distinctive design and excellent dynamic ability, the BMW X4 is set to build on the success of the X6 by offering a unique vehicle in this segment.

According to Phil Horton, managing director of BMW Group Australia, the new BMW X4 creates a whole new proposition for sporty minded customers who still require high levels of versatility.

"The X4 will follow in the footsteps of the X6 which has enjoyed unprecedented success worldwide by fulfilling the requirements of customers who desire premium motoring with a point of difference – a sporty, coupé styled SAV," he said.

"And following BMW's corporate direction, the X4 is packed with features and specifications, ensuring the vehicle offers outstanding customer value in addition to its extroverted styling and dynamic performance," said Horton.

The new BMW X4 is based on the technical blueprint of the BMW

The new BMW X4 is based on the technical blueprint of the BMW X3, but displays a sporting character – and a generous level of standard specifications - very much its own.

#### BMW X4 Australian pricing:

BMW X4 xDrive20i \$69,900 BMW X4 xDrive20d \$73,400 BMW X4 xDrive30d \$83,900 BMW X4 xDrive35i \$87,900

\*Manufacturer's Recommended List Price is shown and includes GST and Luxury Car Tax (LCT) - if applicable, but excludes dealer charges, stamp duty, statutory charges and on-road charges, which are additional and vary between dealers and States/Territories. Customers are advised to contact their nearest BMW dealer for all pricing inquiries.







#### Mitsubishi ASX SUV Range Refined for 2014

Mitsubishi's popular ASX city-friendly SUV range was upgraded in May with improvements to overall drive performance and NVH, along with new features and cosmetic updates. The new and improved 15MY ASX is quieter, smoother and more refined, and offers better on-road performance thanks to improved ride comfort, handling stability and sharper, more responsive steering feel. ASX gains Daytime Running Lamps (DRLs), new-design 17inch alloy wheels, black roof rails, Emergency Stop Signal (ESS), privacy glass, chrome exterior and interior highlights as standard equipment on all models, and a new Lightning Blue paint joins the range of ASX exterior colour options. Meanwhile, 2.0-litre petrol ASX models with CVT automatic transmission benefit from performance upgrades resulting in more responsive acceleration feel from a standing start and at mid-range speeds, and fuel economy improvements of around 4 per cent, giving ASX CVT models an official rating of 7.4-litres/100km. The new 15MY ASX range goes on sale around Australia from mid-May.

#### New features (all models):

- New design 17-inch alloy wheels
- Daytime running lamps
- Chrome exhaust tip and beltline moulding
- ESS (Emergency Stop Signal)
- Privacy glass
- Black roof rails
- Optional Lightning Blue exterior paint
- Gloss black centre panel with chrome highlights
- Black floor console garnish

#### 15MY recommended retail pricing:

ASX LS 2WD 2.0-litre petrol - \$24,990 (MT), \$26,990 (CVT) ASX LS 4WD 2.2-litre diesel - \$31,990 (AT) ASX XLS 2WD 2.0-litre petrol - \$31,490 (CVT) ASX XLS 4WD 2.2-litre diesel - \$36,490 (AT)







#### A New Jeep Cherokee For 10k? Yes, But Only The Adventurous Will Find This Dealership

For 10 Australians with an adventurous spirit and Jeep's 'Don't Hold Back' attitude, the reward could be a brand new Jeep Cherokee for just \$10,000 'Driveway'.

But finding your Jeep at 'The World's Most Remote Dealership' is the tricky part.

"The all-new Jeep Cherokee is at home in the city but, unlike some of its rivals, it's equally at home somewhere far remote – which is where we're opening a dealership for a day," explained Ashlin Moore, Senior Manager Advertising at Fiat Chrysler Australia.

Jeep Cherokee's 'World Most Remote Dealership' campaign launches on June 23 , recruiting adventurers - keen on securing one of the 10 all-new Cherokee's for \$10,000 'Driveway – via TV, on-line or the Jeep App where the exact location and details of the dealership will be revealed.

"The World's Most Remote Dealership brings the Jeep 'Don't Hold Back' attitude to life with a unique offer," revealed Ms Veronica Johns, President and CEO of Fiat Chrysler Australia. "We believe this is a 'World-First' and a campaign only Jeep could pull-off."

For more details, adventurers should check-out: www.jeep.com.au/remotedealership







#### Outlander PHEV To Tackle Asia Cross Country Rally 2014 for Second Straight Year

Mitsubishi Motors Corporation (MMC) has announced it will dispatch a team of technical support engineers for an Outlander PHEV entered in the T1.3 4x4 Electric class of the grueling 2,200km FIA-certified Asia Cross Country Rally 2014 (AXCR) from August 9 through 15, to be run from Thailand to Cambodia.

The Two & Four Motor Sports rally team (Two & Four), headed by Kenji Ishida, will run an Outlander PHEV in the race for the second straight year. MMC engineers will provide Two & Four's team technical support for the plug-in hybrid four-wheel drive SUV for the duration of the rally. MMC will utilise valuable data and knowhow acquired by the technical support team in future vehicle development.

The 19th edition of the AXCR will get under way with the Ceremonial Start in the Thai beach resort of Pattaya on Saturday August 9. The next day, August 10, sees the start of the rally proper as Leg 1 takes entrants from Pattaya to Sakaeo. On August 12, Leg 3 of the rally takes the competitors into Cambodia and past the World Heritage site of Angkor Wat. The event finishes in the Cambodian capital of

Phnom Penh on Friday August 15.

The AXCR covers a total distance of 2,200 km and offers a grueling test of all-terrain performance and durability as it requires competitors to conquer mountains, forests, swamps and river crossings.

The Outlander PHEV rally car will use competition suspension and reinforced mountings to raise ground clearance and improve all-terrain performance over poor surfaces. The Outlander PHEV's S-AWC integrated vehicle dynamics control system will be tuned for competition use to deliver better traction. Other modifications include the fitting of a roll cage and underbody skid plate, the use of lighter engine hood, rear gate and interior parts, and additional sealing and a snorkel for water crossings.





# CAMPER TRAILER & SLIDE ON CAMPER

**BUYERS GUIDE 2014** 



A-ZOPROMING A SLIDE ON GAMPER

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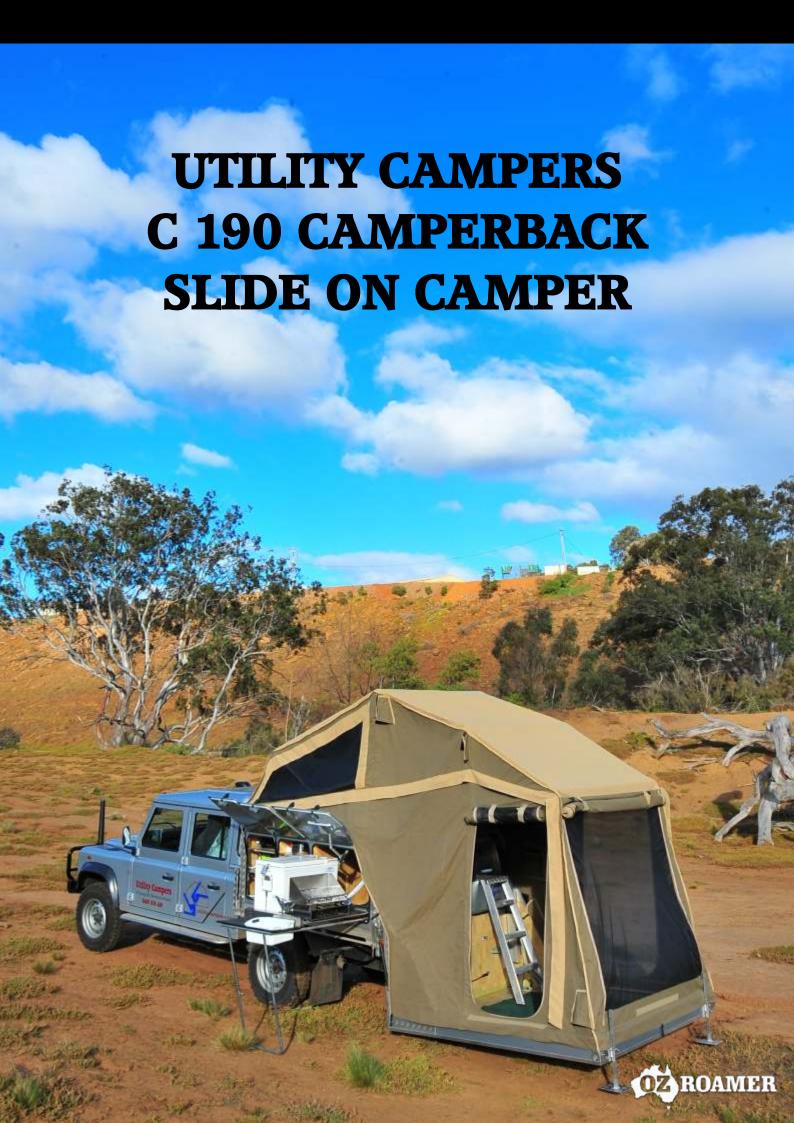
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#### **UTILITY CAMPERS C190 SLIDE ON CAMPER**

#### by Rob Fraser



I first met the owners of Utility Campers , Pamela and Stewart, way back in 2004 when they were next to me at one of the camping shows. The thing that struck me most was the passion and quality of build that was inserted into every camper. Also that they were absolutely genuine people. Fast forward to 2014 and the ownership has passed to the next generation with Leigh and Belinda Mertens taking up the challenge a few years ago. The quality, passion and genuineness remains entrenched in their Australian manufacturing process.

The owners have travelled extensively and that shows in the practicality of the design of the C190 Camper. The C190 is built for couples and families who truly understand what it means to camp but appreciate the comforts and convenience that a hard floor camper can provide. A practical layout is one of the key features of the C190, ensuring all necessities are handy in dedicated storage cupboards and the unique kitchen allows the choice of cooking inside or outside depending on weather conditions.



Like a lot of good manufacturers they are constantly improving the design and the 2014 updated model sees the release of additional comfort features but remaining true to the tried and tested layout.

The refreshed kitchen with its sleek stainless steel appearance and larger preparation area, will appeal to the fussiest camp cook. With options including a fully sealed zip on family room, USB connectivity and showering ensuite, this model is moving with the times but remaining true to the Utility Campers, 'no gimmicks' approach.

When inside the C190 the overwhelming feeling is of space and openness which is essential in a slide on camper. Large open doors and windows not only provide light but heaps of ventilation as well.



#### **UTILITY CAMPERS C190 SLIDE ON CAMPER**

#### by Rob Fraser

Somewhat in a sexist mould but unfortunately absolutely true is the useful combination of a female influencing the practicality of the design and layout and the male in control of the engineering excellence makes for a perfect combination!

Key features of the C190 'Camperback' are : Lightweight - weighs around 300kgs - this is with all fittings included (except fridge and battery), Lower axle weights offering greater safety and economy, Strong - to endure rugged Australian outback, Hard floor - minimum fuss, Easy opening and closing - springs and gas strut assisted, Quality build and components - attention to detail, Composite balsa core sandwich construction - state of the art materials, Outcome of over 7 years research & development, Functionally superior kitchen can be used inside or outside, Sleep in the C190 whilst sitting on its 4 sturdy jacks - to free your vehicle for touring,



Camper trailer option offers even more versatility, Environmentally friendly, Simple to store when not in use as it is compact, Five (5) year warranty and Personal friendly service

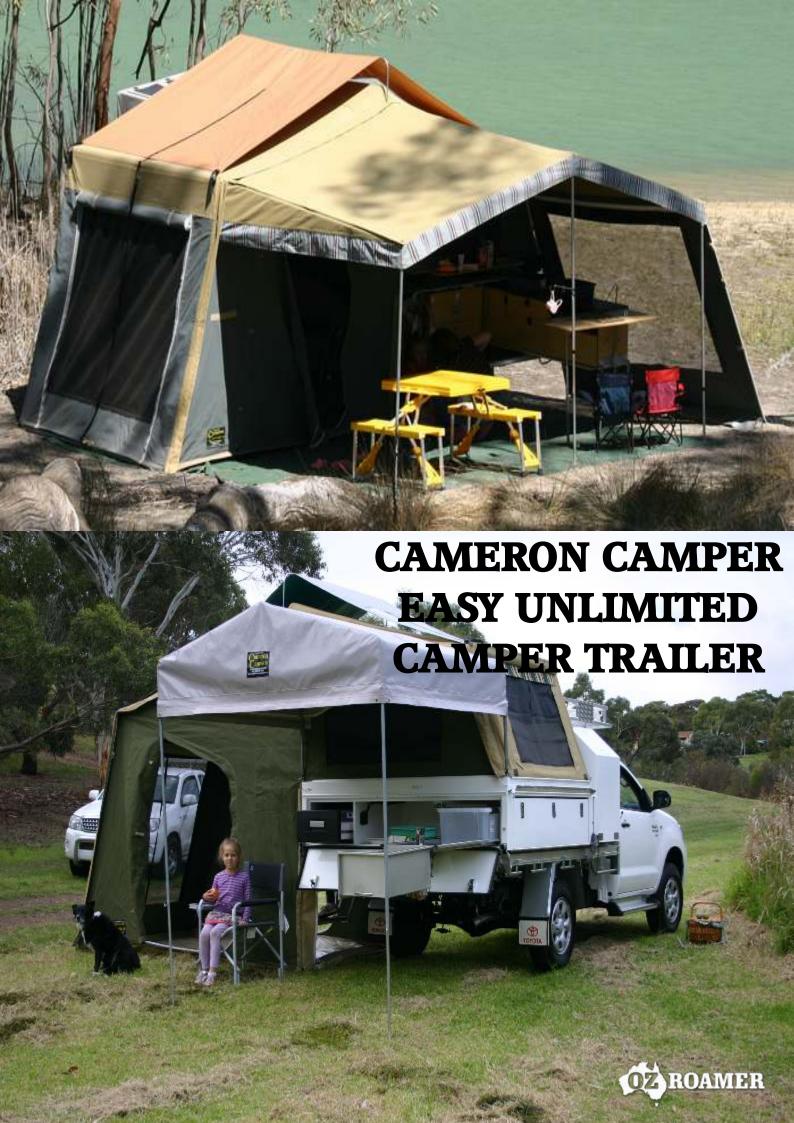
The C190 weighs around 300kgs, this includes the full canvas tent, and standard fittings. Once you pack all the necessary water, food, fridge, clothing, tools, recovery gear and ancillary camping requisites, it still weighs in at well below 700kgs - even with 100 litres of water on board. Compare the facts with other competitive units and you will see that the C190 compares favourably. These products pride themselves on believing they are the lightest but strongest on the market! No need to alter your chassis length or increase springs. Less weight is better all round for travelling, less fuel usage, less impact on the environment you are travelling in, less damage to tracks etc. This is much kinder to our sensitive environment which needs to be protected from unnecessary damage due to vehicle use, particularly after rain. More people are recognising the benefits of lower axle weights , as often they don't realise they are overloaded and their insurance is voided, not to mention changing the centre of gravity and the often disastrous effect this can have off road.

One important benefit of the C190 Camperback is that it has flexibility. Using a ute for one of your primary vehicles, if not the only one, can reduce registration, insurance and maintenance costs, which is most attractive. Being able to simply convert your ute into an off-road leisure vehicle with all conveniences is very smart! Similarly, the C190 sits just as comfortably on a box trailer and can convert your everyday 6' x 4' trailer into a multi-purpose unit in the same way. Allowing you to use the trailer for general home/farm duties and just convert it to a camper trailer for recreational purposes.

When dealing with Utility Campers you speak to the people who build your camper from start to finish and customise it to your requirements. Give Leigh or Belinda a call or visit their factory and talk to the people who can build the camper you will be travelling in. www.utilitycampers.com







#### CAMERON CAMPER EASY UNLIMITED CAMPER TRAILER

#### by Rob Fraser



Cameron Campers have been around for over 30 years and they are a manufacturer that consistently makes quality products. They do make heavy duty off road campers however today we are chatting about the Easy Cameron Unlimited camper.

The well-equipped Easy Cameron Unlimited on road version is designed to make camping easy and is light enough to be towed by small and medium sized cars and AWD SUV's. It is designed specifically for the black top and some light duty dirt road work.

With Cameron Campers you can mix and match the trailer and a choice of tent tops. The Unlimited On Road trailer comes standard with heavy duty 680gsm ripstop PVC trailer cover, new 205/65 tyres, 45mm sq. axle 6 stud toyota hub, 50mm ball coupling, 9" Mechanical override drum brakes, 7 leaf shackle off road rebound springs, spare wheel, vertical spare mount, spare wheel cover, bike sleeve, rear recovery. Options can be added to this.



The Classic tent top is a patented design and can be easily opened by one person. The design requires less than a few minutes and doesn't require any pegs, poles or guy ropes. The tent has a soft floor, yet manages to be rigid, and secures quickly and easily like a hard-floor camper.

For quick stops; a dual purpose road cover comes off quickly and doubles up as an awning and slide-out kitchen with tailgate seating allows for a quick stop without erecting the tent. Inside there are well placed large windows for light and ventilation,

Cameron Campers manufacturers their own kitchens and as such there are a range of options and two choices for the base kitchen.



#### CAMERON CAMPER EASY UNLIMITED CAMPER TRAILER

#### by Rob Fraser

They are all good and suit the range of trailers obviously. Made of marine ply they are relatively light and strong as well as durable and easy to fix

The large and well designed kitchen has more than adequate bench and storage space, can be easily accessed without opening the tent for roadside stops and will carry all the essentials within easy reach.

The washing basin is separate from kitchen to maximise bench space and ease of washing and cleaning up.

There is an optional kitchen return for even more bench space! Ideal for preparing food, optional large unique BBQ hotplate manufactured for ease of cooking and cleaning and designed to channel away excess fat and



grease, optional huge slide-out box for storing large bulky items, food and fridge and optional Spice shelf for extra storage space. Great for storing sundry items.

Other features includes a queen sized bed of heavy duty foam, (king optional) with no climbing over your partner, 150z Australian canvas, toolbox, peg box, gas cylinders, Jerry cans, spare wheel, 12V electrical system, protected 59L water tank, huge storage space and quick annexe or awning setup.

The Unlimited off road version is well suited to a bush expedition and is able to venture into the rough stuff. Built on a DuraGal chassis, the suspension is complemented by capable 12in disc brakes and Treg coupling with excellent ground clearance makes it an impressive trailer unit.

To extend the living space there is a choice of a framed dust cover as mentioned (a clever use of this essential material), an awning attached to the main tent and when stopped for a while the annexe walls are a benefit. The beauty of the Cameron design is that the awning and annexe don't require guy ropes which is very clever indeed. For even more room, you can specify a room extension for the main tent; ideal for groups or large families.

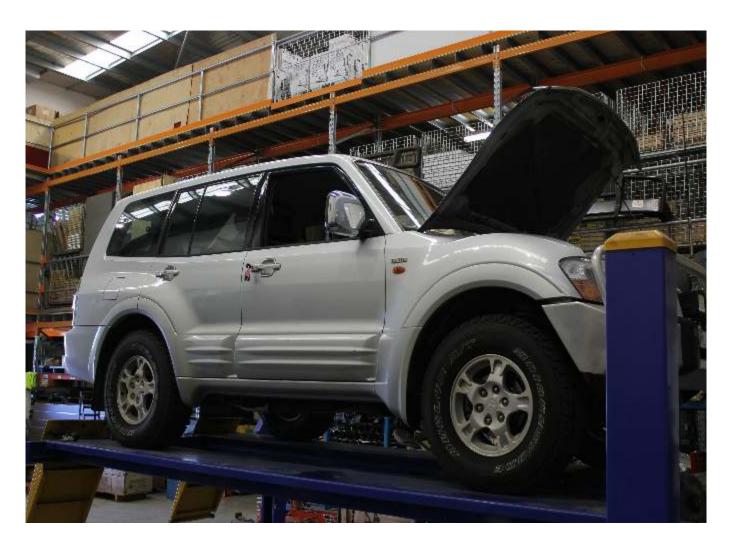
The Cameron Camper Easy Unlimited is well named. The whole design aims for ease of use and with 30 years of manufacturing behind them the quality is first class, a very important feature in this day of cheaper trailers that don't live up expectations. With Cameron Campers you know you are getting a product that has lasted the distance before you purchase it.

Travellers will love the Easy Cameron Unlimited ease of use and clever design, its ability to be customised for specific needs, and the honest quality of the construction and materials used.



MODEL	Unlimited
PRICE	FROM \$15,000
SLEEPS	5 Plus
TARE	600 Kg
ATM	1850 Kg
BALL WEIGHT	80 Kg
COUPLING	Treg Poly Block
SUSPENSION	9 Leaf Rebound
BRAKES	12 in disc
WHEELS/TYRES	15" 31/10.5 LT
WATER CAPACITY	60 L
WARRANTY	12 mth trailer 5 yr Canvas

# PROJECT PAJERO SUSPENSION



Our recent Flinders Ranges trip last year showed that the existing suspension upgrade we put in ten years ago was desperately in need of replacing. The extra weight of towing a camper trailer along with a boot full of gear was harsh over the corrugations etc. The shock absorbers were on their last legs, but the springs were still ok.

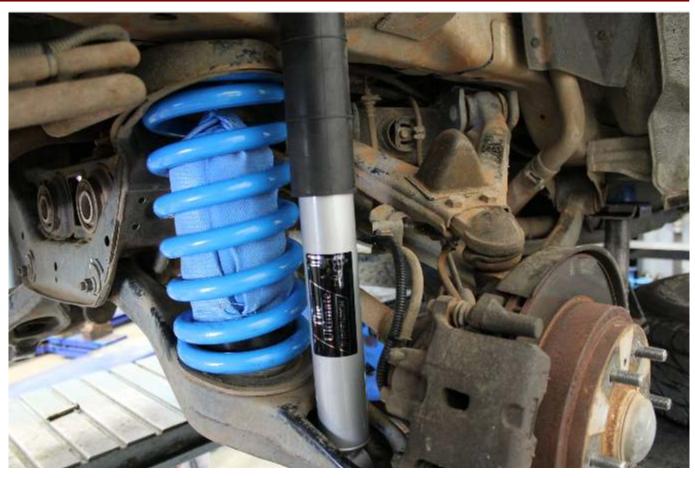
The search started for a replacement suspension system. There are lots of kits on the market for the Pajero. Like a lot of aftermarket accessories the plethora of choice makes your head spin. The key is to match what is available to what you use the vehicle for. Project Pajero is mainly used for outback touring while towing camper trailers.

Actually we didn't have to look very far for the replacement. Back in 1987 we put in an upgrade into our Toyota Landcruiser 60 series Sahara. The choice then was simple as it is today. We chose to install an Ultimate Suspension system as we were travelling around Australia while towing a viscount caravan.

So to go full circle back to where we started we chose to install an Ultimate suspension upgrade into Project Pajero as well. The first thing we needed to do was complete the comprehensive questionnaire that Ultimate sent me through. This went into detail about what accessories are fitted, what the current suspension is , what load carrying is needed, what the measurements are from the centre of the wheel to the guard on each corner etc.

The suspension upgrade involved loading the vehicle as if you are travelling as you would in the outback or however you would normally travel. This way they can determine the strength of the springs and shocks needed. You see unlike other suspension kits the Ultimate Suspension system is individually tailored to your specific needs. That is like a bespoke suspension system designed especially for you.





So I delivered the Pajero to Ultimate Suspension loaded to the hilt with gear to simulate how we would be when travelling with a camper trailer on the back . Before they got to work replacing the shock absorbers, springs and air bags, the vehicle gets test driven over various road surfaces to see what the ride is like for a comparison to how the vehicle feels after the suspension kit is fitted, it also allows them to detect any abnormalities that the customer may not be aware of and may need to repair. After that the vehicle is brought into the work shop for a weight test, shock test, wheel alignment measure and brake efficiency / proportioning test.

This gives them the base measurements for the vehicle when it came in and it will show any faults in the operation of the brakes and brake proportioning setup.

After this the vehicle has its heights measured both before and then after the suspension kit has been fitted, it then gets the brake check carried out again and another test drive to settle the suspension and check for possible noises or issues, after the road test we put it back on the hoist and carry out a tighten and check making sure the suspension is all functioning correctly. The new system comprised high density shocks, specially designed progressive ate coils, heavy duty airbags with high pressure sleeves fitted to prevent a repeat of the airbags getting caught in-between the coils as before



So we picked up the Pajero and took it for a drive. The first thing we noticed was how high the car was after the upgrade. The lift was back to where it was all those years ago. Clearance was substantial. The second thing we noticed was just how compliant the new suspension was. Before where the Pajero would clunk and bump over irregular roads it now was so smooth.

Over dirt roads and corrugations the new shock absorbers and springs were superb. We hooked up an Avida Caravan behind. This was the Avida caravan we recently took to Tasmania, and the Pajero barely noticed it was there all without load levelling assistance.

Once we have had the Ultimate Suspension system installed we have towed camper trailers, boats, bikes, gone to the arm, gone 4WDriving and used the car as a daily driver. The suspension is chalk and cheese with the old system. It doesn't sag when hooked up to tow something, it is more compliant over all road surfaces and has more articulation when off road.

There are many aftermarket suspension systems you can choose from. Alot of them make many claims and often are suited for different purposes. However there are none better that a bespoke Ultimate Suspension system As we have mentioned Project Pajero is all about family outback touring towing a camper trailer. This requires a compromise in the suspension system as the vehicle is used as a daily driver and needs to be smooth and compliant aroud town while being able to cope with therihours and demands of corrugations, forest trails and outback roads. As far as Project Pajero is concerned we absolutely made the right choice.







When considering the best tyre for your off-road adventures, it pays to have an expert on your side. So when testing the brand new Bridgestone Dueler D697 LT, we enlisted an outback 4WD legend – Allan Whiting. Allan's passion is off-road adventuring and he's been writing about and testing 4WD tyres for over 30 years.

To put the all new Dueler D697 LTs to the ultimate test, Allan put together a gruelling itinerary, with plenty of off-road action and lengthy highway driving at speed. Setting off from Adelaide, Allan and the Bridgestone team took three 4WDs fitted out with Duelers up to Alice Springs, around the notoriously harsh West MacDonnell Ranges, and back again. Tackling gravel and sandy roads, riverbeds and sharp stony tracts, what they found was that Australia's favourite 4WD tyre takes tough to a whole new level.





Its greater tread depth is such that sharp objects often can't penetrate the tread grooves and, even if they do, the under tread structure protecting the steel belts forms a thicker shield to resist tyre casing damage.

The D697 LT also has heavier-gauge steel belts than previous generation Duelers, encased in a thicker tread area structure. These improved belts offer even more puncture resistance.

When it came to testing the Dueler D697 LTs enhanced puncture resistance we found that the tyre was more than ready to meet any challenge.

Allan Whiting Outback Travel Australia



"LIGHT TRUCK (LT) TYPES HAVE PROVED TO BE THE MOST PUNGTURE-PESISTANT BUSH TYPES AND THE NEW DS97 LT IMPROVES ON THE PAST" ALLAN WHITING.

N the early days of 4WD outback adventuring, people wasted a lot of valuable travel time patching tyre tubes and changing tyres. Fortunately, tyre durability has come a long way in recent years, and the new Dueler sits at the forefront of enhanced puncture resistance.

It's a common misconception that most punctures occur in a tyre's sidewall. The majority of tyre failures actually start with a puncture in the tread area. Because the sidewall is often 'blown out' during such failures, it's just assumed that the sidewall was the original problem area.

This is where the purpose built Dueler D697 LT demonstrates its superior design and structural integrity. Cut test comparisons with sections of standard 4WID tyres reveal that the new Dueler's entire structure is thicker – particularly in the vulnerable shoulder and under-tread areas.





Reduced void ratio minimises puncture risk

#### TWO HEAVY DUTY STEEL BELTS

Maximised high tensile steel belt gauge for the ultimate defence against harsh Australian conditions.



#### PROTECTIVE PLY

Full width additional nylon ply for extra protection from staking and improved durability

#### ADVANCED UNDER TREAD COMPOUND

Excellent heat dispersion properties for ultimate heat resistance and durability

#### LIGHT TRUCK CONSTRUCTION

Thicker gauge sidewall and casing components for improved puncture resistance and wear life

# JEEP CHEROKEE TRAILHAWK

We drive the Cherokee through the Flinders Ranges and discover how style and practicality can blend to show looks can be deceiving!



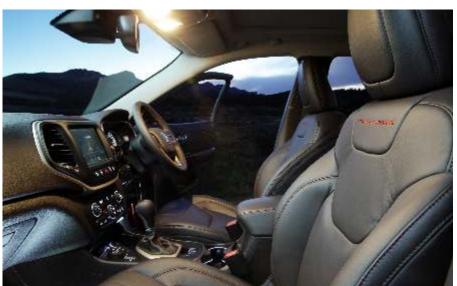
#### by Rob Fraser



Jeep has finally launched the all new 2014 Jeep Cherokee to the Australian market. It has been a long time coming and usually when there has been this much hype about a new model the launch is anti-climatic. However with the Jeep Cherokee it was anything but! The Jeep Cherokee has a long and proud history dating back to 1974 and has a habit of introducing innovations to the market, a tradition the 2014 Cherokee continues.

Sitting at the top of the all new Cherokee range is the Jeep Cherokee Trailhawk. This is a 4WD in the tradition that you would expect of Jeep. Now the style of the Cherokee is more in the AWD SUV style and being built on the Alfa Romeo Giulietta there were some question marks in my head when we headed to the Flinders Ranges Willow Springs Station for the initial drive.

Externally the Jeep Cherokee style is polarising, especially the interpretation of the traditional 7 slot Jeep Grill. Personally I like it



and the overall style is like so many other midsized SUV's, yet distinct as well. Principal designer Greg Howell, who was at the launch, started literally with a blank sheet of paper, and came up with a design that is fluid, should remain fresh through its life cycle and retains essential elements of Jeep DNA.

Cutting edge design elements, such as slimline daytime running lights as 'eyebrows' with lower headlights, combine with traditional DNA elements such as the peaked seven-slot grille, trapezoidal wheel arches and the functional 'kink' in the beltline mated to a tough, durable lower body provide the all-new Jeep Cherokee Trailhawk with a commanding road presence. Internally the designer, Winnie Chung, has provided buyers with a luxurious European feel and clever design.



#### \$47,500 MLP

#### **JEEP CHEROKEE TRAILHAWK V6**

#### by Rob Fraser

The Cherokee interior is a blend of fluid shapes, high-quality soft touch materials, innovative colour and material choices, precision craftsmanship, state-of-the-art technology and clever features. Truly unlike what we would expect from an American design, but then expected after the Grand Cherokee.

The leather seats are comfortable, power adjustable, heated/ventilated with memory function and despite first impressions they are supportive over long hours. In front of the driver is a thick rimmed, newly designed three-spoke Jeep steering wheel with audio, voice and speed controls.

The dash harks back to a simpler day when clarity was paramount. The round dials are clear with white on black design with a seven-inch full-colour reconfigurable instrument cluster that allows the driver to enjoy a customised user experience. The instrument cluster displays basic information at the drivers fingertips but also allows them to add information they desire; similar to an Apple iPhone.

The driver can select from a multitude of information features that can be displayed in the centre of the gauge cluster including turn-by-turn navigation, speed, real-time fuel economy, safety warnings, available Adaptive Cruise Control-Plus, audio information and Jeep-specific features including Selec-Terrain.

The centre stack bezel is inspired by the outline of the front grille of the 1940s Willys Jeep (which incidentally was the first car I ever drove) and continues the design language of its larger sibling, the Grand Cherokee. The 8.4-inch touchscreen multimedia command centre houses the navigation system and the Uconnect system that allows the driver to control the audio, climate controls, heated/ventilated seats and much more from the touchscreen, with additional controls located on the centre stack below the touchscreen or with voice commands. A premium Alpine 506-watt sound system is available with nine speakers and a subwoofer. The clever thing is that there is also a wireless charging system for the phone when in the cradle..

Storage is a key feature with a covered top bin located above the centre stack on top of the instrument panel and a huge glove box that accommodates an iPad. A small storage slot is located between the cup holders and the centre console armrest. The centre console hosts the integrated phone docking station, USB and SD ports and auxiliary- power source. The front-passenger seat in the Jeep Cherokee folds flat and offers hidden, in-seat storage by flipping up the passenger seat cushion. Front doors are able to accommodate maps and bottles.

Second-row seats recline and move fore/ aft 15 centimetres to increase legroom or storage room as needed. The class-exclusive Jeep Cargo Management System makes the most of the cargo space in the all-new Jeep Cherokee. A universal module rack is mounted on the side in the rear cargo area and provides for hooks and a removable grocery bag.





#### \$47,500 MLP

#### **JEEP CHEROKEE TRAILHAWK V6**

#### by Rob Fraser

Safety features, that lead to a five star ANCAP safety rating, include both active and passive safety security features, including ParkSense Parallel/Perpendicular Park Assist – a first for a Chrysler Group vehicle; Adaptive Cruise Control-Plus; Forward Collision Warning-Plus; LaneSense Departure Warning-Plus; All-speed Traction Control System (ATCS), Antilock brakes (ABS), Brake Traction-control System (BTCS), Electronic Brake Distribution (EBD) Electronic Stability Control (ESC) and Brake-lock Differential System (BLDS). There is also Electronic roll mitigation, Blind-spot Monitoring, Rear Cross Path detection, ParkView rear backup camera with dynamic grid lines and dual frontal, side chest and side head airbags (curtains) and a driver knee airbag are standard.

Trailhawk model features include: unique off-road front and rear fascias, off-road wheel flares, tow hooks, skid plates, off-road suspension with one-inch increased ride height, heavy-duty engine cooling and auxiliary transmission oil cooler, Jeep Active Drive Lock 4x4 system with low range and locking rear axle and Selec-Speed Control featuring Hill-ascent Control and Hill-descent Control. Features also include accent colour mirrors, grille surrounds, lower fascia appliqués and roof rails, Red "Trail Rated" and "Trailhawk" badges, new 17-inch polished aluminium wheels with black painted pockets, Matte black hood decal, all-season tyres, leather, heated, power front seats, red accent stitching on instrument panel brow, seats, door armrests, centre console lid, shifter boot and console netting, red "Trailhawk" tag on console netting.

Optional equipment and packages include: CommandView dual-pane panoramic sunroof with power sunshade, Technology Group, which includes Advanced Brake Assist, Lane Departure Warning Plus, Auto High Beam Control, Forward Collision Mitigation, Adaptive Cruise Control with Stop & Go, Blind-spot Monitoring and Cross-path Detection, ParkSense Parallel/Perpendicular Park Assist, Electronic Convenence Group, which includes remote proximity entry and keyless Enter-N-Go, 230V auxiliary power outlet and wireless charging pad.

Driving the all new Jeep Cherokee Trailhawk is the 3.2-litre Pentastar V6 engine, which produces 200kW of power and 316Nm of torque while consuming just 10.0 litres of fuel per 100 kilometres in the combined cycle. This engine delivers its power through an innovative 9 speed transmission. This class leading transmission is super smooth and strong enough for the harsh conditions it may find itself in 4WD situations. This is one refined slick transmission.

The Trailhawk is a true 4WD Jeep. It bears the internal designation of Trail Rated which means that it has conquered the Rubicon Trail and the worst of the Moab Hell's Kitchen etc. The standard 4WD system in the Trailhawk is Jeep Active Drive Lock. This is essentially the normal Jeep Active Drive II with a locking rear diff. The Selec-Terrain manages the 4WD system with a simple twist of the dial, to choose the on- and off-road setting for optimal performance. Up to five customised settings are offered: Auto, Snow, Sport, Sand/Mud and Rock. It's easy to use and very effective coordinating the electronics depending on the selection.

The Jeep Cherokee Trailhawk boasts an approach angle of 29.9 degrees, a departure angle of 32.2 degrees and breakover angle of 22.9 degrees. Running ground clearance is 221 mm. Towing capability is 2200kg with a tow ball rating of 220kg







#### JEEP CHEROKEE TRAILHAWK V6

#### by Rob Fraser

Model	Cherokee Trailhawk
Model Price	\$47,500 MLP
Engine	3.2L Pentastar V6
Drivetrain	4WD 9 speed Auto
Power	200 Kw @ 6,500 rpm
Torque	318 Nm @ 4,400 rpm
Safety	5 Star ANCAP
CO2 Emissions	232 g/km
GVR	3 ½ Star
Economy	10 L/100km (ADR comb)
<b>Tow Capacity</b>	Max 2200 kg
Tow Ball Rating	220 kg
Servicing	TBC
Warranty	3yr/ 100,000 km with full roadside assist



The Trailhawk is specifically designed for the 4wd experience with rerated ESC, higher ground clearance, shorter overhangs and shorter breakover, recovery hooks front and rear as well as rear diff lock. The V6 petrol engine provides more than adequate power and the torque delivery allows application of consistent power when needed such as climbing slippery shale hills..

On the launch we drove the Trailhawk over a variety of surfaces, tar roads, loose gravel and the famous SkyTrail at Willow Springs. The track provided an interesting rather than challenging experience. The track is a mixture of creek crossings, rocky sections, steep climbs and declines, valleys and mountain tops that provide an unrepeatable vista of some of the most beautiful country in Australia.

Throughout we had the opportunity to try the various applications of Selec-Terrain as well as the locking rear diff and hill descent. All were competent when used but we also just left the Selec-Terrain in auto and just drove. The Jeep Cherokee Trailhawk, despite its Alfa underpinnings and SUV styling is great in this type of trail driving. To be honest almost all owners will never try something this hard and if they do the Trailhawk will accommodate them. The interesting thing about the electronics off road is that they are much quieter. The downhill descent control worked without all the pings and grinding of other systems and allowed the driver to control the speed of descent with the transmission lever. It's one of the better systems on the market.

Once we were on the tar the driving experience was just as satisfying. The V6 engine allowed plenty of power and the super smooth 9 speed transmission the economy with a number of overdrive gears. The steering was a little light and there was a little tyre noise at speed but the Jeep Cherokee is probably the quietest car on road in its class. The quietness is extraordinary for the price range. There are better handling on road AWD SUV's in the class but not by much.

Overall the Jeep Cherokee Trailhawk is actually outstanding. There are no SUV's that are better off road and few that are better on road, none that are quieter and none that represent the astounding value proposition. Jeep has a winner on its hands and to be honest I am looking forward to a longer drive to explore its capabilities. If only there was a diesel.



#### What's Good:

- Stylish design
- Sophisticated Selec-Terrain
- Driving quietness

#### Whats Not:

- Steering a little vague at speed
- No diesel for Trailhawk
- No drivers foot rest

Overall OzRoa	mer	Rating: 90	/100
Behind the Wheel	9	Practicality	9
Comfort	9	Fit for Purpose	9
Equipment	9	Towing Ability	8
Performance	9	Off Road Ability	y 9
Ride & Handling	9	Value for Mone	y 10



# ACTIVE CAMPERS OPTIMA SLIDE ON CAMPER









#### **ACTIVE CAMPERS OPTIMA SLIDE ON CAMPER**

#### by Rob Fraser



Tucked away in Woolgoolga NSW just up from Coffs Harbour is Active Campers. Active Campers have been around in one form or another for about 15 years and officially started in 2002 with the Optima range.

While Active campers are designed to fit most 2 or 4 wheel drive, flat tray, single, extra or dual cab utes, without doubt the Ft 1950 is the most popular slide on campers that active campers produces, designed for dual and extra cab vehicles it give the flexibility of one car for all your needs: holiday, work and family without having to tow anything.

The Optima is constructed from modern fibreglass technology and honeycomb sandwich wall panels resulting in a very light yet extremely strong camper. The soft material is acrylic not canvas so while it is very expensive it lasts as it is a marine product. The hard roof is insulated fibreglass so it keeps a more ambient temperature during weather extremes and pops easily for access. A key design feature is the compact low profile design that has the dual benefit of lowering the centre of gravity assisting with



weight distribution balance and assisting with lowering fuel consumption. Off road on tight bush tracks the compact design reduces scratching from branches and other impediments.

The tough lightweight construction (approximately 430Kg) makes it a true 4WD camper and will go anywhere from the deserts to the beach and up the mountains there is nowhere this camper won't go if you can get your ute there. Simplicity is the feature of setting up which only takes a few seconds and is a one person operation. Once the solid insulated roof is opened up the spacious interior is revealed. Inside there is seating and sleeping for four, 2 adults get a huge queen bed and the dining table folds down for second double bed for the kids. Inside you also find your kitchen with fridge, stove, sink, water tanks and storage cupboards.



#### **ACTIVE CAMPERS OPTIMA SLIDE ON CAMPER**

#### by Rob Fraser

The full size queen bed is permanently made up, another little feature that makes touring simple and convenient. It's a pain in the butt having to make the bed every evening and you quickly tire of it, believe Me.

The internal layout is simple and well thought out with adequate storage, comfortable seats and simple yet effective kitchen. I have to admit though that I prefer to cook outside as much as possible but the internal kitchen is great during inclement weather.

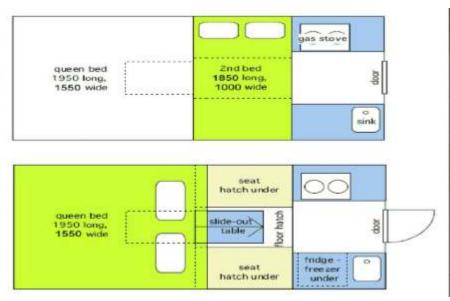
The other thing you notice is just how open it feels with the roof high enough to stand at the rear and with the large screened windows open there is plenty of ventilation. This combined with the insulated roof makes the Optima Camper exceptionally pleasant in adverse weather, hot or cold.



The side awning is reasonable, there is a handy external storage accessible area great for tables chairs, cooktop, recovery gear, spare wheel etc. If I was picky I would like to see the awning wrap around but the amount of times this is inconvenient is minimal. It's great for quick roadside stops and touring. Once you are home or even at a campsite for a few days getting the slide on camper off your ute can sometimes be a laborious job, but the Active Camper Optima is easy and takes literally about 15 minutes and can be done by one person.

Features include: Permanent queen size bed (1950 x 1550 mm), Slide out table, Comfortable seating for 4 people converts into second bed for one adult or 2 children (1000 x 1850mm), Front door compressor fridge (Isotherm 85 litres) 12 volt, Stainless steel 2 burner gas cooker with glass lid and 4 kg gas bottle, 85 litres fresh water tank, Stainless steel sink, electric water pump, outside tap suitable for cold shower, Cupboards, pot- and cutlery drawers, storage hatches under seats, Compartment for spare wheel and outdoor equipment, 2 lockable doors, 4 x 12 volt LED lights, fire extinguisher, smoke detector 120 amp/h deep cycle AGM battery system with electronic isolator installed to your car, On board battery charger (CTEK), 240 volt power supply, earth leakage and circuit breaker, double power point, Aluminium fold away steps (height adjustable), 4 tie down points on camper to connect to your car, See through entry door to enable the use of the cars rear vision mirror, Mechanical camper legs including battery power drive, Empty weight approx. 430 kg, this includes battery and mechanical camper legs, Available in Grey or Yellow waterproof material. There are also optional extras if you so desire.

Active campers has been producing quality Australian made slide on campers for over ten years, with features that have come from customer input and personnel experience, we use and test our campers whenever possible. Active campers have other models to suit most Ute's from single cab, extra cab and dual cab. Further info at www.activecampers.com.au or phone on oz 6654 8828



MODEL	Optima
PRICE	FROM \$24,850
SLEEPS	2 Adults 2 Kids
TARE	460 Kg
AWNING	Rear and Side
DIMENSIONS	To fit Ute Flat Tray
CONSTRUCTION	Fibreglass
KITCHEN	Internal
ROOF	Insulated fibreglass
LEGS	4 detachable
WATER CAPACITY	70 L
WARRANTY	12 mth on camper



### SAR MAJOR AUSSIE TREKKER CAMPER TRAILER



#### SAR MAJOR AUSSIE TREKKER CAMPER TRAILER

#### by Rob Fraser



With the Sar Major Aussie Trekker Camper Trailer you get the best of experience with 60 years of canvas manufacturing and over 13 years of trailer manufacturing. Sar Major Camper Trailers have been around since the 1990's however the company has been manufacturing canvas goods since the 1950's, so there is a bit of Australian Manufacturing history in the company. Sar Major have a flexible arrangement where you can attach either a locally made or quality imported canvas tent section to one of their locally made trailers.

This is a quality, robust Australian made off road camper trailer for the adventurer who wants to explore side roads and major tracks. The tent section is made locally in the St Marys factory from Australian Made, Proofed and Dyed Canvas. When erected there is plenty of access points with central doors on the annexe and front and rear of the tent. The canvas used is 150z for the Tent & 120z for the Annexe



Interestingly the camper has a sewn on awning designed in a wedge style to make it a great strong shelter when used without walls, and lowers the top of the walls to make them super easy to attach and remove as needed.

The annex is a generous 17' a removable PVC floor. An open and airy feeling is created with 6 large scenic windows and 4 picture windows plus mesh vents under the bed side of the trailer.

Options for the canvas area include a fully enclosed extra room that can be attached on the draw bar side of the unit, clear PVC inserts for the windows, a solar blanket for the main tent and a privacy screen to section off a separate sleeping area for the kids or friends.



#### SAR MAJOR AUSSIE TREKKER CAMPER TRAILER

#### by Rob Fraser

The Aussie Camper tent is perfectly matched with the Trekker Trailer that is also manufactured at the St Marys factory. Size of the trailer is  $7' \times 4'$  (2130x1200mm). The drawbar is made of 100 x 50 x 3.0 Galvanised RHS and the chassis of 50 x 50 x 2.5 Galvanised RHS with Spine. There is an 8'' swing up style jockey wheel as well. The coupling is a standard 50mm ball with an off road polyblock option.

The trailer has a full tub style body constructed of 1.6mm rigidised zinc anneal, a galvanised RHS chassis with centre spine and 6 Leaf Eye to Eye Rebound suspension. This gives the trailer a level of simplicity and robustness that provides comfort far from the beaten track. Personally I am a fan of shock absorbers to help minimise the belting the contents of the trailer get on our



corrugated roads, but the leaf to leaf suspension system has been proven time and time again in the rough.

The Aussie Trekker comes with hydraulic brakes as standard and load rated to 1250kg on 45mm axles, so you can pack plenty of camping gear and supplies for your trip. Again I am not a huge fan of hydraulic brakes off road and would opt for the electric brakes. Wheels are 15" Sunraysia Style Landcruiser 6 Stud Pattern with new tyres. The spare is mounted vertically which is always a bonus.

Just behind the large angled aluminium chequerplate toolbox is space for four jerry cans plus swing out gas bottle holders on the side and room for more if you want.

The generous King size inner spring mattress bed is very comfortable and brings a bit of home to the trailer. I always advise buyers to have an inner spring mattress if possible as no matter how good the foam mattress' are they always sag and after a few weeks you would be wishing you had opted for the better bed. A good night's sleep makes all the difference to the camping trip. The bed is situated on a steel base with lift up hatches to reveal plenty of storage underneath.

By dealing direct with the manufacturer, you can add extra features or custom options to suit your needs. There is an extensive options list but the key ones are Underfloor Water Tank 55 Litres With Hand Pump, Bolt On Angled Stone Guard With Mesh, to Electric Brakes,

The Aussie Camper canvas is backed by the Sar Major 2 Year Manufacturer's Warranty PLUS the Wax Converters Textiles DynaproofedTM Canvas for Camper Trailers 5 Year Limited Warranty. The Sar Major Trekker Trailer is backed by a 2 Year Manufacturer's Workmanship Warranty. The Sar Major Trekker Trailer is a quality, robust campertrailer that has the strength and features to allow you to explore off the major roads at a reasonable price.



MODEL	Sar Major
PRICE	FROM \$5,990
SLEEPS	2-10
TARE	Varies
ATM	Varies
BALL WEIGHT	Varies
COUPLING	50M or optional poly block
SUSPENSION	6 Leaf Rebound
BRAKES	Hydraulic Override
WHEELS/TYRES	15" Landcruiser 6stud
WATER CAPACITY	55 L
WARRANTY	2 yrs trailer 1-2yr Canyas

#### ISUZU D MAX SX CREW CAB UTE

#### by Anthony Hood



Updated in 2014 the Isuzu D Max SX Crew Cab is the entry version of the ubiquitous Isuzu D Max dual cab ute.

Isuzu have always been noted for their robustness and longevity. The SX Crew Cab is no exception. This is one tough ute that has a solid quality feel about it. We have had a SX Crew Cab for a few weeks and it has seen service in moving office and hard farm work

Externally the D Max is one of the better looking of the new wave of utes. Rather than a boxy shape it has a sleeker style with a smooth nose and proportioned sides.

Inside the layout of the SX is utilitarian with rubber flooring, manual adjustable cloth seats, basic instruments etc. The seats are way more comfortable than expected even after 4-5 hours in them.



In the centre stack there is an aftermarket clarion audio system that has good sound but I found it impossible to hook up my phone which was annoying. the standard system is better. Air conditioning controls are old school with a slide for fresh or recirculated air, love it!!! There are power windows, keyless entry, cruise control and other little luxury features not expected.

Storage is a feature in the D Max with good proportioned door pockets, centre cup holders, storage tray above the centre stack and cubby below. There is two glove boxes and the centre console bin is a handy size. There is also pull out cup holders at each end of the dash, great for drinks and the shelf below the steering wheel is very clever!



#### ISUZU D MAX SX CREW CAB UTE

#### by Anthony Hood

Model	Isuzu D MAX SX
Model Price	\$478,432 RDAP
Engine	3.0L Tdi 4 Cyl
Drivetrain	4WD 5 speed Man
Power	130 Kw @ 3,600 rpm
Torque	380 Nm @ 1,800 rpm
Safety	5 Star ANCAP
CO2 Emissions	220 g/km
GVR	2 ½ Star
Economy	8.4 L/100km (ADR comb)
Tow Capacity	Max 3500 kg
Tow Ball Rating	350 kg
Servicing	TBC
Warranty	5yr/ 130,000 km with full roadside assist



Rear seats are comfortable but a little cramped for taller passengers and much better for two rather than three. The rear of the D Max is a little smaller than its competitors. Even though this is an entry level ute safety isn't compromised with 4-channel 4-sensor ABS with EBD, ESC, TCS and BA, along with six (6) airbags (dual front, curtain and side).

The SX is powered by a new highly refined fuel efficient 3.0litre turbo common rail diesel engine. This generates 130kW and a peak torque output of 380Nm at 1800rpm. The torque is delivered across a flat curve through to 3,000rpm to aid drivability and ease of towing.

The D Max transfers this power and torque through a 5 speed manual transmission and the new "Terrain Command" 4WD select dial, allowing the driver to adjust between two-and four-wheel drive modes while travelling at speeds of up to 100km/h. Occassionally we found ourselves looking for a sixth gear on long open stretches of highway but overall the tansmission matches perfectly.

One thing that was apparent was the driving feel. Even though the specs are a little below others it doesn't drive like it. As mentioned during our time with the SX we took it through heavy 4wd tracks, loaded it with hay bales and other heavy farm equipment and moved office. It has been a workhorse and throughout it performed faultlessly. We have driven many thousands of kilometres and given the ute a workout over a few weeks. In that time it has really grown on us and to be honest we are reluctant to give it back. This ute is practical to the max. DMax (sorry I couldnt resist), and was just so simple to drive and use. We didnt give it a thougfht, and that is excatly what you want in a workhorse, reliability and ease of use.

The Isuzu SX D Max Crew Cab ute is near the top of our wish list for a robust, heavy duty, responsive, long living, capable 4wd and tow vehicle. You won't find better at the price!



#### What's Good:

- Value
- Easy to Drive
- Robustness & comfort

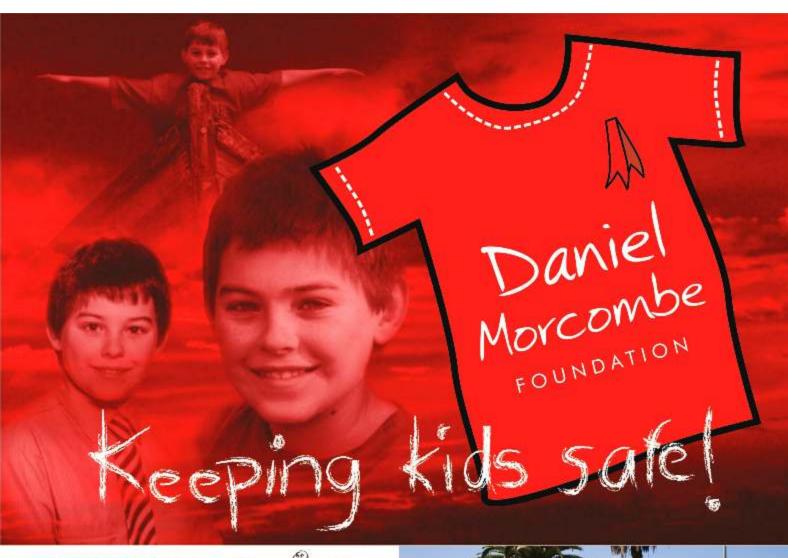
#### What's Not:

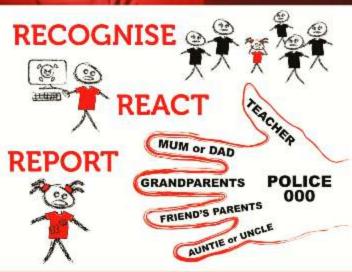
- Clarion Bluetooth ineffective
- No DTE gauge
- Sometimes looking for 6<sup>th</sup> gear

#### Overall OzRoamer Rating: 86/100

Behind the Wheel	7	Practicality	9
Comfort	8	Fit for Purpose	10
Equipment	7	Towing Ability	10
Performance	9	Off Road Ability	10
Ride & Handling	9	Value for Money	9









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Spirit of Truck

# OZROAMER TOP 5 SPORTS SUV'S











OzRoamer has picked the top 5 Sports SUV's for enthusiastic drivers. These include the Audi Q5 SQ5 TDi , Jeep Grand Cherokee SRT, Subaru Forester XT Premium, BMW X6 M5od and Porsche Cayenne GTS.

Yes I know the moniker Sports SUV is probably a misnomer and slightly redundant however the term SUV has now become synonymous with the taller wagon variety of vehicle. Since way back when Subaru first introduced the Liberty RS the concept of the Sports wagon has been evolving and as a driver I have been along for the ride.

These are probably near the top of my list of favourite cars.

With sports car performance, all road ability and the space and practicality of a family wagon, what's not to like. The driver in the family can be rewarded for buying a family car. Lets have a brief look at them.







#### Jeep Grand Cherokee SRT

What can you say about the new Jeep Grand Cherokee SRT other than this is what a sports SUV is all about. Prodigious power, luxury interior and true 4wd ability. Internally the Grand Cherokee SRT is luxurious and very comfortable. There is a choice of an exclusive leather interior in two distinctive colours combinations – Black Nappa leather with perforated suede and light slate grey accent stitching as standard and all-new Laguna leather with perforated suede in Sepia with silver accent stitching as an option. Both leather trim combinations are matched with carbon fibre trim adorning the instrument panel and doors. The SRT interior is further distinguished by a unique heated three-spoke steering wheel with a race-inspired flat bottom .

The true four wheel ability that Jeep is legendary for comes from an exclusive-to-SRT, Quadra-Trac active on-demand four-wheel-drive system, also featuring rear ELSD. Grand Cherokee SRT also features Brake Traction Control System (BTCS) on the front differential and a rear Electronic Limited Slip Differential (ELSD). The Selec-Track system is fitted exclusively to the Grand Cherokee SRT model. This system interacts with several different systems (stability control, active damping, transmission shift strategy, transfer case torque proportioning, Electronic Limited Slip Differential performance, throttle control and cylinder d e-activation) to automatically tune the dynamics of the vehicle according to the driers' habits and current driving conditions. The driver can manually choose between the following dynamic modes – Auto, Sport, Track, Tow and Snow – for specific driving performances.

The Grand Cherokee SRT is fitted with the proven and powerful 6.4-litre Hemi V8 engine equipped with Fuel Saver Technology,

which produces 344 kW of power at 6,250 rpm and 624 Nm of torque at 4,100 rpm to deliver benchmark SRT performance through an 8 speed Tiptronic transmission. It sounds AWESOME!. I must admit to sitting in the driveway continually starting the engine just to hear the V8 burble. I must have been deprived as a child. This power-plant will propel the Jeep Grand Cherokee SRT from 0-100kmh in 4.9 seconds , has a maximum speed of 255kmh and again if driven sensibly will consume fuel at an ADR rate of 14.0l/100k. That will raise alarmingly with enthusiastic driving.

At a RDAP of \$84,905 it represents outstanding value. As mentioned what you have here is a sports SUV that has true 4wd ability, prodigious power, luxury comfortable interior at a reasonable price. Not to mention the aural delights of that melodic 6.4L Hemi V8.









#### **Porsche Cayenne GTS**

The Porsche Cayenne GTS is the pedigree of the pack. Coming from a long history of performance vehicles the Porsche Cayenne GTS personifies the sports' SUV. While not the fastest in the Cayenne lineup, that prize is reserved for the turbo versions, it nevertheless has performance to spare and is more affordable (relatively) than its faster siblings.

Inside the Porsche GTS is all class and style in typical Porsche fashion. It's almost as if they sat a driver in the seat and designed the dash and cockpit around them. Everything falls in place and even the complicated array of buttons and switches is intuitive to use. The seat position and sports steering wheel offer exceptional support and contact and the 5 dial dash instruments are crisp and clear to read.

The new Cayenne GTS is powered by a naturally aspirated 4.8-litre V8 engine. It delivers power of 309 kW @ 6,500 rpm and torque of 515 Nm @ 3,500 rpm. This is delivered through an 8 speed Tiptronic transmission. This combination will propel the Porsche Cayenne GTS from 0-100kmh in just 5.7 seconds and has a top speed of 261 km/h. Fuel usage is and ADR rate of 10.7l/100k.

The ride height on the steel-spring sports suspension is 24 mm lower than on the other Cayenne models – for a lower centre of gravity. Also fitted as standard, Porsche Active Suspension Management (PASM) is an electronic damping control system. It offers

continuous adjustment of the damping forces on each wheel, depending on the current road conditions and driving style.

The AWD driveline is Porsche Traction Management (PTM): active all-wheel drive with electronic controlled, map-controlled multi-plate clutch, automatic limited-slip differential (ABD) and traction-slip control (ASR). This system electronically allows the Porsche Cayenne to have unbelievable off road ability. It's just that most owners wont or don't use it.

At a RDAP of \$164,395 it certainly isn't cheap but has the prestige and quality that the Porsche badge can bring. While definitely capable off road it is extremely unlikely the GTS will see anything rougher than the pebble driveway to the country estate.





# AUDI'S SQ5 TDi V6 AN IRON FIST IN A VELVET GLOVE





# **Audi SQ5 TDi**

Introduced in May 2013 the Audi SQ5 TDi is a ripper. Audi SQ5 TDI is the first diesel S model from Audi, and is powered by a high-performance V6 3.0 TDI Biturbo engine. This produces 230Kw @ 3,900rpm and a respectable 650Nm @ 1,450rpm. This drives the car through the 8 speed Stronic gearbox and Quattro permanent all wheel drive.

This combination propels the Audi SQ5 TDi from o-100kmh in 5.1seconds and has a top speed of 250kmh. That is AWESOME figures, especially when you consider that by driving sensibly you can sip fuel at an ADR rate of 6.8L/100K.

The stiffer S sport suspension lowers the body by 30 mm, and size 255/45 tyres are mounted to the 20-inch wheels in five parallel spoke design. The black brake callipers on the front wheels are decorated with SQ5 badges. The Audi drive select dynamic handling system is standard.

The interior is designed in black, with an optional silver headlining. The electrically-adjustable sport seats are upholstered in fine Nappa leather, and are available in three colours. Interior inlays consist of brushed aluminium, or carbon atlas, piano finish black and aluminium beaufort as options.

The dash in front of the driver features white on grey instruments and 'S' logo on the gear shift knob, door sills and on the unique

steering wheel. Overall it is subtle and stylish. The pedals and shift paddles glisten in an aluminium look.

Other features MMI Navigation plus, rear reversing camera, flat-bottom sports steering wheel that feels fantastic, tyre pressure monitor and electric driver and passenger seats with memory function (including mirrors)

There was a special launch edition as well with over \$14,000 of extras and if you can find one of those its worth it.

At a RDAP of \$98,922 it isn't cheap but quality never is. Drive this vehicle and you will give up on petrol engines forever. The awesome power and prodigious low down torque makes for driving utopia.





# BMW X6 M50d LUXURY GRAND TOURER



OZ ROAMER



#### BMW X6 M5od

The BMW X6 M5od is the bigger brother to the X5 M5od which was the winner of the OzRoamer Sports SUV for 2012. Either model will do for us nicely thanks. The X6 is a coupe styled Gran Tourer, designed I believe just because BMW could do so. It has however carved a specific niche in the market place.

Step inside and you immediately feel comfortable in the BMW leather Sport Seats for driver and front passenger with multiple electric adjustments especially the lumbar support. In front of the driver is the M leather steering wheel with gearshift paddles and all the controls you need. It is very comfortable to hold and assists in the driving experience.

In front of the driver is an excellent heads up display that projects speed and arrow directions for navigation, directly into the driver's field of vision and the dash is typically BMW, which means crisp, clear to read and functional. The X6 M5od is exceptionally comfortable and best suited as a two seat tourer. The front seats are superb, the rear seats are best suited to very short people or luggage. The level of luxury though is fulfilling.

The heart and soul of the BMW X6 M50d is the M Performance TwinPower Turbo inline 6-cylinder diesel engine, combining common rail direct injection and triple turbocharging. Mated to an 8-speed sport automatic transmission with Steptronic, this lusty powerplant pumps out 280 Kw of power @ 4,000 rpm and an awesome 740 Nm of torque @ 2,000 rpm.

This powerplant will propel the BMW X6 M5od from 0-100kmh in 5.3 seconds , has a maximum speed of 250kmh and again if driven sensibly will consume fuel at an ADR rate of 7.7 L/100k.

This combination grips the road through the xDrive, permanent all-wheel drive system with fully variable torque split between front and rear axles, M Sport suspension with self-leveling suspension and pneumatic rear suspension. In short it's a ripper to drive.

The BMW X6 M50d is a gem. Don't mistake it for an AWD SUV that you can take far off road, rather it is a sports SUV that provides fun in abundance with its awe inspiring engine and handling and reasonable owing capacity. At almost \$170,000 it is expensive but could be considered a bargain.





# SUBARU FORESTER XT YOUNG UPSTART





#### **Subaru Forester XT Premium**

The Subaru Forester XT Premium is the baby of the bunch. It is significantly cheaper than the others here and has much less power but in term of bang for your buck and driving fun it consistently punches above its fighting weight.

The Forester XT Premium Edition has a purposeful look with silver roof rails, exclusive 18-inch alloy wheels and rear roof spoiler. Internally the Forester XT Premium has leather seat trim, soft touch dash surrounds and a quality feel. The heated front seats are 8 way electrically adjustable and the driver's seat has good travel.

The leather thick rimmed height and reach adjustable steering wheel has controls for stereo and cruise control and Bluetooth etc. Even with the sunroof there was plenty of headroom. In fact the whole car has a spacious feel, with plenty of headroom, fantastic visibility and subtle colour toning..

The new CVT is tuned to the more powerful direct injection turbocharged 2.0 litre horizontally opposed Boxer engine that produces 177 Kilowatts of power at 5600 rpm and 350 nm of torque at 2400-3600 rpm. The SI Drive matches performance to driving style and the gearbox includes Subaru's active torque split All-Wheel Drive (AWD) system.

This combination will propel the Subaru Forester XT Premium from 0-100kmh in 7.5 seconds and sip fuel at a an ADR rated 8.5l/100 while it is doing it.

The Forester XT Premium can really lift her skirt and run fast and the suspension damping is specifically tuned. Pushed hard there is a little scrubbing but there is no denying this car is FUN.

On dirt the X Mode AWD and power balance means it is composed and allows for spirited driving. There is 220mm of ground clearance. On sand it is simply awesome

At a RDAP of \$55,297 if you are after a daily driver that provides a sporty drive experience and still allows that outdoor lifestyle at a very reasonable price, to be honest they don't come much better than the Forester XT Premium.





# **Product and Services Directory**





























#### Brumby EFI Series UX7 UTV Alloy model

Lark UTV 's of Canowindra is a distributor for Brumby Side by Side series of farm equipment. We recently tested the Brumby EFI Series UX7 UTV Alloy model.

The EFI series models have improved Fuel Tank, EFI ignitions system, improved wiring harness, chassis strengthening, additional width front and rear guards, inspection point for checking oil daily, increased torque settings and recessed headrest.

The Brumby UX7-Alloy model represents value for money, as it includes extras such as Alloy Wheels, 4 speaker sound system, Power Front Winch, Windscreen. and Alloy Drop side tray. Options are available for Tracks system, levelling blade and Soft external cab. With a powerful 625cc engine producing 42 Horsepower and

an impressive 65NM of Torque to make it a complete workhorse. The Brumby Equipment UX7-AL Side by Side UTV is designed for tough conditions and safety, as one of the widest side by side UTV built, it has increased stability & load space

Mindful of Safety requirements the X7-UTV's have a full roll cage, half height doors and safety belts ensuring protection in the cabin. The extra width ensures all of the body is kept inside the UTV. Of course the standard features of Poly roof, side doors, tow bar, engine braking (The engine slows the vehicle when descending), adjustable Shock absorbers, bucket seats and locking differentials are all included. Some of the distinct advantages of the Brumby UTV as supplied by Lark UTV's are

- · Comfortable, adjustable bucket seats with head restraint
- · Driver's safely in cab with seat belts & half doors and roll over cage
- · Weather protection with hard roof, windscreen and optional cab enclosure
- Under seat storage for tools, equipment or auxiliary battery
- · Limited dust & engine noise into cab by cover between cab and tray
- · Extreme safety on steep down slopes with engine braking & 4 wheel disc brakes
- Parking on slopes secure with disc parking brake to drive shaft
- · 1.5 metre wide track. Few machines as safe on steep side slopes with
- Great traction with lugged tyres
- Load towing enhanced with heavy duty tow bar set up
- · Minimal risk of causing grass fire with all exhaust system mounted high
- · Removable spark arrestor fitted to muffler for periodic cleaning
- · Clean air to engine optimised with air cleaner mounted up high and up front
- · Easily accessible battery, fuses & relays mounted up high and up front
- · Cool engine running enhanced by oil cooler and thermostatically operated fan
- · Easily reached and operated emergency engine kill switch
- · Controls can be modified by supplier for operation by disabled driver

Brumby UX7 from LARK UTVs - Ph (02)6344 1344 www.LARKUTVs.com









#### **Wildcat Survives Finke Punishment**

Finke first timers Scott Darling from Canada and Navigator Drew Wilson from Melbourne drove Arctic Cat's Wildcat 1000 X Limited to a successful finish in this year's Finke Desert Race. The only changes to the vehicle were mandatory CAMs safety requirements. Otherwise the 1000cc V-Twin powered vehicle was completely stock including exhaust, wheels and tyres making it probably the lowest cost, production based vehicle in the event.

Australia's Finke Desert Race (June 8-9, 2014) is arguably the toughest test of man and machine with the tough, often high speed track, having a high attrition for cars and drivers. The race starts in Alice Springs with drivers completing a prologue sprint event to determine starting positions.

They then race against the clock, setting off at 1 minute intervals as they commence their race south to Finke over 226km of red dust, soft sand hills and metre-deep whoops. Those that survive the day 1 race to Finke, then turn around and do it all again back to Alice Springs. The successful entry of the Wildcat X Limited provided many firsts...



- First Arctic Cat Wildcat to attempt the race.
- First Arctic Cat Wildcat to finish the race.
- First attempt at Finke by both Driver and Navigator.

The Wildcat proved his strength and performance surviving a gruelling 452km round trip (226km each way) completing the race with no mechanical issues whatsoever in a field that saw 42% of the field sidelined by accidents or mechanical failure.

At the mid-point of the race in Finke, the usual checks were completed and nothing needed attention and no parts were replaced apart from a fresh air-cleaner. "We even inspected the drive belt for the CVT during our overnight stop at Finke as a precaution", said driver Scott Darling, "but we needn't have bothered. It was fine and we left it in. That's outstanding".

The Wildcat 1000 X and Wildcat 1000 X Limited are available for sale in Australia now

#### Have you ridden a BMW GS yet?

The BMW Motorrad GS Experience test ride program is back in 2014. Over the last two years the innovative GS Experience has given hundreds of riders the opportunity to experience the unique qualities of BMW Motorrad's class leading adventure motorcycles.

At three great locations in Queensland, NSW and Victoria the test rides will be conducted on bitumen and off-road trails. The mixed terrain has been carefully chosen to showcase the dynamic qualities of each model in real world conditions, an experience that is difficult to replicate on a short, city test ride.

As well as jumping behind the 'bars there will be demonstrations of ABS, Traction Control and more technical riding and the chance to talk to the BMW Motorrad Team about the motorcycles.

"This is a fantastic opportunity to ride class leading GS models in a magnificent setting. Places will fill quickly, so I urge everyone to book early and not miss out," said General Manager BMW Motorrad Australia, Tony Sesto.

BMW models available are the water-cooled R 1200 GS and R 1200 GS Adventure, F 800 GS, F 800 GS Adventure, F 700 GS as well as the Learner approved G 650 GS and G 650 GS Sertão. There is a small fee of \$49, which covers refreshments and a BMW Motorrad GS Experience T-Shirt.

To register your test ride at BMW Motorrad GS Experience, visit www.gsexperience.maschine.com.au or call 1 800 813 299 for more information. Bookings open on the 30th of April.

#### Locations and dates:

NSW - Wisemans Ferry (north of Sydney) June Thur 19 / Fri 20 QLD - Maleny (Sunshine Coast) August Wed 13 / Thur 14 VIC Toolangi (Yarra Valley) October Wed 8 / Thur 9





#### **ATV - SXS - QUAD BIKE NEWS & REVIEWS**









#### Cougar Mountain Lion 800 V2 UTV

Clawing its way to the top of the highly successful Cougar range is the Mountain Lion 800V2. This superior UTV hosts many great features including EPS (electric power steering), 300kg rated electronic tipper ram for the rear tray, a djustable front and rear suspension and so much more.

In the power department the ML 800 V2 is running high output 800 cc VTwin engine with a Bosch/Delphi electronic fuel injection system. This engine is water cooled and runs a Canadian CVTECH IBC transmission system.

It has 4 wheel hydraulic disc brakes, 25 inch 6 ply CST all terrain tyres and selectable 2WD/4WD and diff lock. Other features to set the ML 800 V2 a part bull bar bull bar mounted L.E.D super bright light bar and full metal tray featuring fold down and removable sides with heavy duty tie down rails.

The ML 800 V2 is fitted with lights, indicators and mirrors which makes the machine ready for conditional registration should you require it.

Cougar is 100% Australian owned and operated. All Cougar machines are developed, built and tested in Australia to ensure that the machines can withstand the unique, and sometimes Unforgiving, landscapes and climate that this country has to offer

On all machines Cougar offers an unmatched, full factory 3 year, unlimited KM parts and labour warranty nationwide and have a leading after sales service and support program for all customers.

### Cougar CXF250 - Working Farm Bike

Being the only machine of its kind in the Cougar range, the CXF250 is a market leader in working farm bikes. The CXF250 has top of the line features to make your work day a smooth and comfortable one.

The CXF250 is running a Suzuki GS250 Air/Oil Cooled 250cc engine and gearbox. It has inverted front shock absorbers, adjustable rear coil over shock absorber and front and rear floating disc brakes with brake guards.

Other features to set the C XF250 apart are dual left and right kick stands, front engine bash plate and protector bars, metal front and rear racks with spring clip holder and small tool canister, full stainless steel exhaust system, alloy/plastic hand protectors, 12 tooth front sprocket and pillion passenger chassis mounted foot pegs.

The CXF250 is fitted with lights, indicators and mirrors which makes the machine ready for conditional registration should you require it.

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#### Polaris Sportsman ACE hits Aussie shores

It's been one of the most anticipated new model arrivals in the history of the Australian off-road vehicle market since its global unveiling back in January, and now stock of the Polaris Sportsman ACE is readily available through authorized Polaris dealers nationwide.

Polaris has defined an entirely-new type of offroad vehicle with the introduction of the Sportsman ACE.

The vehicle's architecture is completely new to the industry and features a revolutionary, sit-in chassis that is nimble and comfortable to operate. The design of the new Sportsman ACE provides a confidenceinspired ride, all while being both farm and trail capable, offering an all-new agricultural or off-road experience.



On a local level, the launch of the Sportsman ACE has been the most successful new model launch in Polaris's history, with the local subsidiary increasing planned production by 400 percent within hours of the global unveiling in January.

"We have been overwhelmed by the response to Sportsman ACE," said Polaris Australia & New Zealand Country Manager, Brad Wolstenholme. "Stock has been readily available for under a fortnight and already we are seeing incredible retail activity and demand.

"All of the significant amount of incoming stock has been pre-sold to dealers, with dealers reporting that the majority of this stock has in fact been pre-sold to end users, in many cases sight unseen.

"We are seeing wide and varied interest in ACE, from agricultural applications, to government agencies, to weekend recreational riders."

The revolutionary new design of ACE combines the size and nimble handling of the Sportsman ATV range, and the confidence and comfort of Ranger and RZR side x side vehicles in a rider-centric design. A comfortable and confidence-inspiring centralized seating position connects the driver directly with the machine.

Polaris also positioned all the major components, including the driver, centralized between the four wheels for an incredibly responsive ride. The Sportsman ACE boasts 26cm of ground clearance and 24.1cm of rear travel due to its fully independent rear suspension outfitted with performance, twin tube shocks featuring adjustable preload.



Powering the Sportsman ACE is an all-new 32 horsepower ProStar Electronic Fuel Injected engine. The engine is designed to reduce internal friction which dramatically reduces noise and significantly increases efficiency making it the most fuel-efficient engine



Polaris has offered. For a secure and comfortable ride, Sportsman ACE has a unique ROPS cab frame previously only found on side-by-sides.

The secure, high-backed, adjustable bucket seat is paired with an adjustable steering wheel to give the driver unmatched flexibility when it comes to the comfort in the machine.

It's also equipped with a 3- point seat belt and has side bolsters to keep the operator properly positioned in the centre of the machine. The steering wheel offers 8.9cm of tilt adjustment and the driver's seat slides back and forth by 10.2cm to customize the fit for the rider.





# Kawasaki Teryx 800 LEs to the QLD Police Service.

QLD Police is including Kawasaki engineering and reliability in their law enforcement efforts with the addition of Kawasaki Teryx 800 LEs to the QLD Police Service.

Fitted with many essential police requirements like a siren, PA & whaler systems, the Kawasaki Teryx's are already seeing active duty throughout QLD including an inclusion in Mackay's recent ANZAC Day march.

The Teryx's are supplied by respected Kawasaki dealership, Mackay Kawasaki, who are no strangers to modifying and supplying Kawasaki product to government agencies. Mackay Kawasaki currently supply many modified Kawasaki MULE's to *Queensland Rail* and *Stanwell Power Stations*.

Mackay Kawasaki dealership principal, Dale Burgess say's, "An institution as important and rugged as the police force demand reliable, durable and trusted tools to do their work so the Kawasaki Teryx 800 LE is a perfect fit. Thanks to the addition of doors, a roof and performance Fox suspension to the 2014 Teryx model, the Kawasaki Teryx is now even better suited to a wider range of professional and personal pursuits."

"We're really grateful for the assistance of Kawasaki Australia in supplying these Teryx units to QLD Police. Mackay Kawasaki looks forward to a continuing and valued partnership with QLD Police."

Mackay Kawasaki is currently modifying additional Teryx 800 LE units for distribution to other districts in the QLD Police Service.







#### Polaris "Finke" spec RZR XP 1000

Polaris Racing Australia entered the famed 2014 Finke Desert Race. With a special "Finke" spec Polaris RZR XP 1000. The driver is rally legend and four time Asia Pacific Rally Champion and Polaris Racing Team Driver Cody Crocker.

"The Finke Desert Race has been something I have wanted to do for a very long time and I am excited that Polaris has decided to enter Finke this year. The "Finke" spec RZR XP 1000 is an incredible purpose built machine. Thank you to Polaris dealer ARB Tamworth for preparing the RZR, I look forward to tackling the desert in it" said Cody Crocker.

This RZR is set up very differently to our ARC RZR, where our ARC RZR is dropped low to the ground with a harder suspension set up to suit Rally stages our Finke RZR adds additional ground clearance and suspension travel along with additional items built to tackle the 470km racing distance including a larger fuel tank and tyres for the desert terrain" continued Crocker.

Last year twelve side by sides (SXS) raced in the Finke Desert Race eleven of which were Polaris RZR's. Polaris teams took out first, second, third and fourth places last year in RZR XP 900's and this year's event will see some competitors race with the allnew RZR XP 1000 launched late last year. Sixteen SXS are set to race in the 2014 Finke Desert Race, eleven being Polaris RZR's.

The Finke Desert Race consists of three days of racing. Day 1 this Saturday is the "Prologue" event where competitors complete an 8.3km race against the clock to determine their starting position for Race Day 1. Race Day 1 this Sunday is a 230km race from Alice Springs to Finke, competitors have a maximum time of four hours to complete this 230km leg or they are disqualified. Race Day 2 this coming Monday is the opposite of Race Day 1 being a 230km race from Finke to Alice Springs.













#### Honda XR150L - Honda's Farm Workhorse

Honda has launched a more powerful version of its popular and versatile XR farm workhorse.

The new Honda XR150L will replace the XR125L, and takes its best features with updates to create a package that combines rugged durability with low operating costs.

Honda's XR150L will feature a new, larger capacity engine, which hosts a range of improvements. Its single cylinder has an increased stoke and while it makes more power, it is delivered lower in the rev range.

There's also a new internal engine balancer which reduces vibration and will result in greater rider comfort during a hard day's work on the farm.

Combined with the engine upgrades, Honda's XR150L's five-speed gearbox will deliver its hill-climbing torque more readily, resulting in both lower fuel consumption and emissions across its operational range.

The Honda XR150L is also equipped with an electric start and a backup kickstarter.

All-day rider comfort will be ensured by the redesigned seat and rubber covers on the footpegs, which can be removed for safe, non-slip riding when the terrain gets tough.

Fresh styling includes a new headlight design with protective shield; a new, higher front fender; a narrower and more comfortable fuel tank that has the same 12 litre capacity as the XR125L.

With a larger air cleaner and a sealed, maintenance-free battery, the XR150L requires less attention, with enhanced reliability and safety.

Ideal as a farm workhorse the Honda XR150L is available in Fighting Red with a Manufacturer's List Price of \$3,299.

# MOTO EXPO Melbourne presented by InsureMyRide

Setting records in its first week of being released to the motorcycle industry, MOTO EXPO Melbourne presented by InsureMyRide at Melbourne Showgrounds on November 28-30 is shaping up to the biggest motorcycle exhibition ever seen in Australia.

Over 80% of the Melbourne Showgrounds main hall sold in the first three days of being on sale. A second hall of 3000sqm will feature one of the most unique and diverse displays of motorcycles from past and present.

Interactive presentations from Australia's leading bike customisers, clay molders and pin stripe artists will be a popular feature for visitors who will also be able to attend seminars on how to customise their own bikes.

MOTO EXPO Event Manager Mark Petersen was astounded by the response to the Melbourne event.

"This show will be like no other, manufacturers are being proactive and creative in offering engaging activities for visitors attending the show,Petersen continued

MOTO EXPO Melbourne will also flow outdoors showcasing more products and services along with manufacturers race trucks and other interactive sites.

The 4500 seat main arena will host a full array of road and off road motorcycle display and stunts from Australia's leading professional performers.

A dedicated kids come and try zone will allow children to experience riding a motorcycle for the very first time, under the guidance of qualified instructors.

MOTO EXPO will release more new show features in the coming weeks including a very special event that will see host Troy Bayliss and other guest riders 'On the Gas' in front of the massive crowds expected.



#### Aussie Pair's Epic 4WD Journey

Aussie couple Justin and Jen Lewis are redefining the boundaries of 4WD adventures, undertaking an epic overland trip that starts out in chilly Vladivostok, takes them through the wide-open spaces of Mongolia, before finishing up with a pit-stop in the UK and a marathon final leg from Egypt south to beautiful Capetown.

The couple's home for the next two years is a 2006 TD42TI GU Nissan patrol coil cab ute with custom-built camper body on the tray, that is fitted out with all the necessities for off-road life including a diesel heater, pop-up shower, 60-litre fridge, and a diesel cabin heater and cooktop.

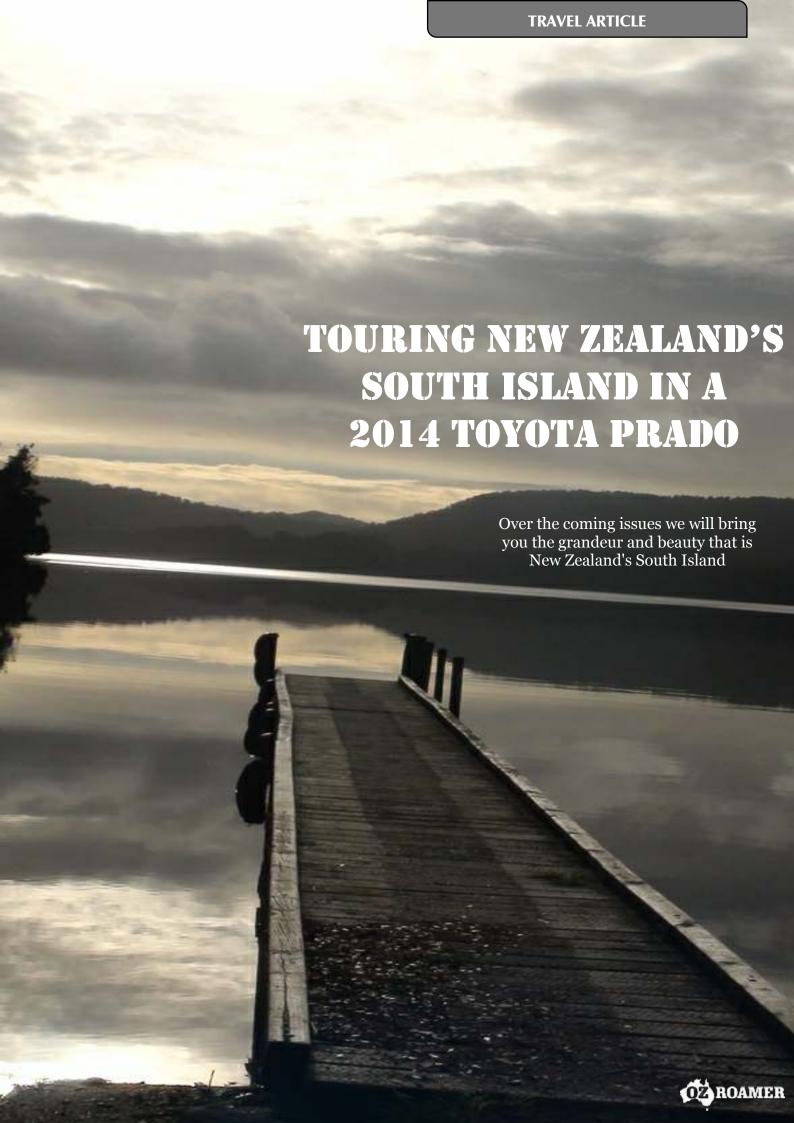
To ensure their on-road experience is as safe as possible the duo are also packing some serious Narva lighting hardware to guarantee optimum visibility in the toughest of conditions. Getting Narva lights on board for the trip was something we knew we had to do – you can't make a trip like this with two candles in front of the car. Visibility is a safety factor as well; and with Narva we've now got better front lights, better tail lights, better every type of lighting really," Justin said.

Justin and Jen's Narva 'survival kit' includes the Narva Extreme HID driving lights, Narva L.E.D 40 inch lighting bar, Narva + 50% headlight upgrade kit, and Narva L.E.D combination tail lights. "The Narva + 50% upgrade, made a massive difference straight away, and when you add to that the NARVA Extreme HID driving lights you've got the perfect combination. "I'm expecting Narva's 40 inch L.E.D light bar to be most useful for track work, in particular for the Mongolia type of environment. If you get caught out and find you're camping after dark, I can't imagine a better light for being in unfamiliar surroundings and needing that crisp, spread of light," Justin said.

In order to get a better outcome than standard factory tail lights - which often suffer from poor durability due to the permeation of outside elements - the pair also opted for Narva's L.E.D combination tail lights. "Most factory tail lights aren't externally sealed, which means anytime you're doing anything four-wheel drive you run the risk of dust getting into the light and settling on the back of the lenses – which eventually makes the lights duller and duller. "That's not a problem with the L.E.Ds because they're fully sealed, they're fully submersible in water, and they offer a really low current draw and are just much brighter overall. The reversing component of the combination tail light also provides that extra illumination if you're backing up," Justin said.

The Aussie duo, both avid travelers, have been planning their trip in earnest for close to two years and say the main issues in preparing for a mammoth 4WD trip on the other side of the world is organising visas and planning a route that avoids the worst climate and conditions. "We're trying to start when it's cold so we can move into the summer. It will be around 0 or -5 in Vladivostok when we arrive which means we've missed the really cold temperatures - it can get down to the minus 30 mark over there but we've dodged that thankfully!" Despite travelling with many of the rudimentary comforts of home, Justin says they couple have still had to plan well and pack light for the range of climates they'll encounter along the way. While their trip will take them through countless vistas across Northern Asia, Europe and Africa, the location they're most looking forward to driving through is the one likely to remind them of the conditions back home in Australia. "At the moment the place we're looking forward to the most is Mongolia. I've heard and read a lot about it and I think that type of remote driving in any direction really suits the Australian psyche as we like that back-country, desert-type feeling. I think we'll probably be right in our comfort zone with that and I think that's going to be very rewarding travel." For more information on Jen and Justin's 4WD trip visit www.globatrol.com

OZ)ROAWIER





#### New Zealand Part 1 Christchurch to Franz Joseph Glacier

New Zealand is just 3 hours from Sydney by plane and the south island has long been a holiday destination for Aussie travellers. Mainly the adventurous types with awesome skiing, white water rafting, jet boats, bungee jumping etc.

However we discovered that the south island is also a drivers paradise with stunning scenery, winding roads and very little traffic. In this first article about our recent trip we take you from the city of Christchurch that is still feeling the effects of those devastating earthquakes through the southern alps to the world heritage area surrounding Franz Joseph Glacier.

We arrived late the first day, around 12.45am late at Christchurch and went straight to the hotel. Luckily enough there were an abundance of taxis available and the trip in a Prius cost around \$48.00. To be frank at that time in the morning we really didn't mind.

A short night's sleep, a hearty breakfast, pick up the Toyota Prado GX and away we went. First stop was a supermarket for travelling nibbles etc. One thing you notice is that on the roads we took there was a number of little towns but not many supermarkets.

So we were finally heading out of Christchurch around 11.00am. It a shame that what once was a beautiful city is now one large construction zone with road restrictions and half demolished or half built buildings everywhere. However even with all that going on the peacefulness of

So heading west off towards Arthurs Pass we went. The road out of Christchurch quickly turned to countryside



It looked as if we were going to climb to the sky for a while but as the name defines Arthurs Pass is exactly that, a pass through the mountains that meanders along following a myriad of rivers and streams. One thing you quickly notice is that they don't spend a lot on building bridges in NZ as they are pretty much all one lane with stop signs at one end. Luckily it was never an issue as there just wasn't any traffic. A couple of trucks and a few cars was about the sum total of it.

While it was raining heavily I can imagine that this drive in early winter or spring would be magnificent with snow covered mountain tops and rivers that were fully flowing. As it was, it was beautiful through the downpour.



#### TRAVEL ARTICLE



Coming from such a dry country as Australia, the sheer number of rivers, and how green everything was took a little getting used to. It seemed that there was a river every 5-10 minutes, all with that ice teal coloured water. Now remember I am a bloke and describing exact colours isn't a strong point, but the water had a definite hue and it was the same everywhere

Heading through the pass we were glad to be in the Toyota Prado with its permanent AWD and safety features. It proved to be surefooted on the wet slippery surfaces and had plenty of room for our luggage and occupants. The diesel engine handled the constant climbing and decents with ease and the first days driving saw us with an economy of 8.1L/100K. That's actually very good considering.

While the map said it would take us a lot longer we emerged out the other side of the mountains at

Kumara about 2 1/2 hours after leaving Christchurch. We headed south amongst the forest and tree ferns and stopped for lunch at Hokitika. This is the biggest town in the region and has full facilities.

Lunch was on the beachfront where we saw the strangest motorhome I have ever seen. It looked like it was straight out of a comic book and ... well it was just plain puzzling how it even got registered.

The beach at Hokitika isn't the prettiest with grey sand, probably from the wash off the mountains, and a lot of trees and debris washed up onto the shore. The water was wild and overall it had the appeal of a windswept beach that while not picture perfect was definitely interesting.

The drive south from Hokitika to Franz Josef however was picture perfect, winding alongside the beach front and alternating with the mountain side. The vista of flat countryside with mountains immediately behind was different to what was expected. There was no easing into the mountains, they just started and went vertical.

Along the way there were any number of diversions to lakes and riversides that provided beautiful scenery. Two of these lakes were Lake Ianthe, Lake Mapourika and Lake Paringa.

All with glass like smooth water (the rain had stopped and the wind had died down by now) and were ideal places for a camping stopover. There was literally a river every five minutes with water from the mountains with that ice teal colour again. I can imagine the force of the rivers in the spring snow melting period. Again the one lane bridges were prevalent.

One thing I did notice was the lack of traffic everywhere. Maybe we are well and truly out of season, but the overwhelming feeling of a peaceful drive was with us all day. I truly have seen more vehicles on the Birdsville Track than on the west coast of NZ.



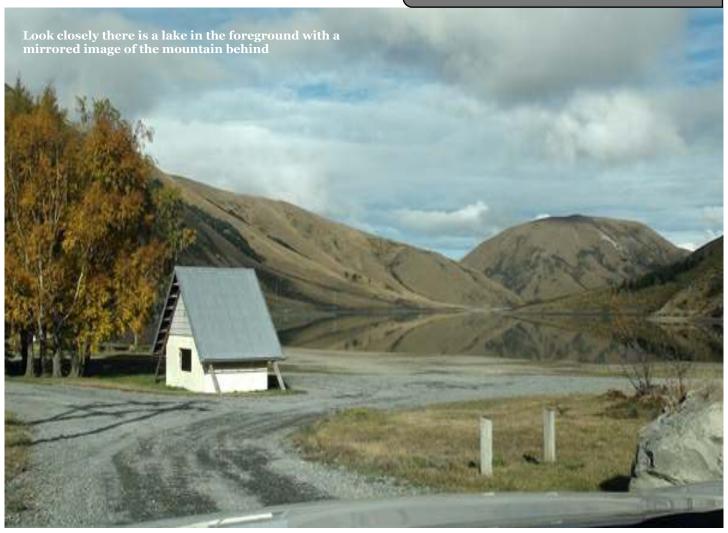
Before we left Sydney we had booked accommodation in Franz Josef, mainly to save us stuffing around when we arrived and it let us do our searching on the web at home. We chose the Glenfern Villas, about 5-6km north of Franz Josef. Their rates seemed comparative to others but they seemed to have a warm feel (as much as you can get from web pictures) and the rooms looked decent.

Upon arrival we were met by Cesar who proved to be a very friendly host. Our two room villa was ready, he hooked us up with internet access (Free when it seems that everywhere else charges) and brought us a couple of cartons of milk.

Immediately we felt good. The villa was spacious with separate comfortable king and queen beds, the king in the loft, large luxury bathroom with everything you need and a separate lounge and kitchen/dining with a deck and glorious views of the mountains behind.



#### TRAVEL ARTICLE



Immediately we felt good. The villa was spacious with separate comfortable king and queen beds , the king in the loft, large luxury bathroom with everything you need and a separate lounge and kitchen/ dining with a deck and glorious views of the mountains behind.

There are no dining facilities (they will do a continental breakfast) but the town is a short drive away with a number of dining choices so that isn't a problem. If you are inclined there is a kitchen in the villa but the town is calling us for dinner.

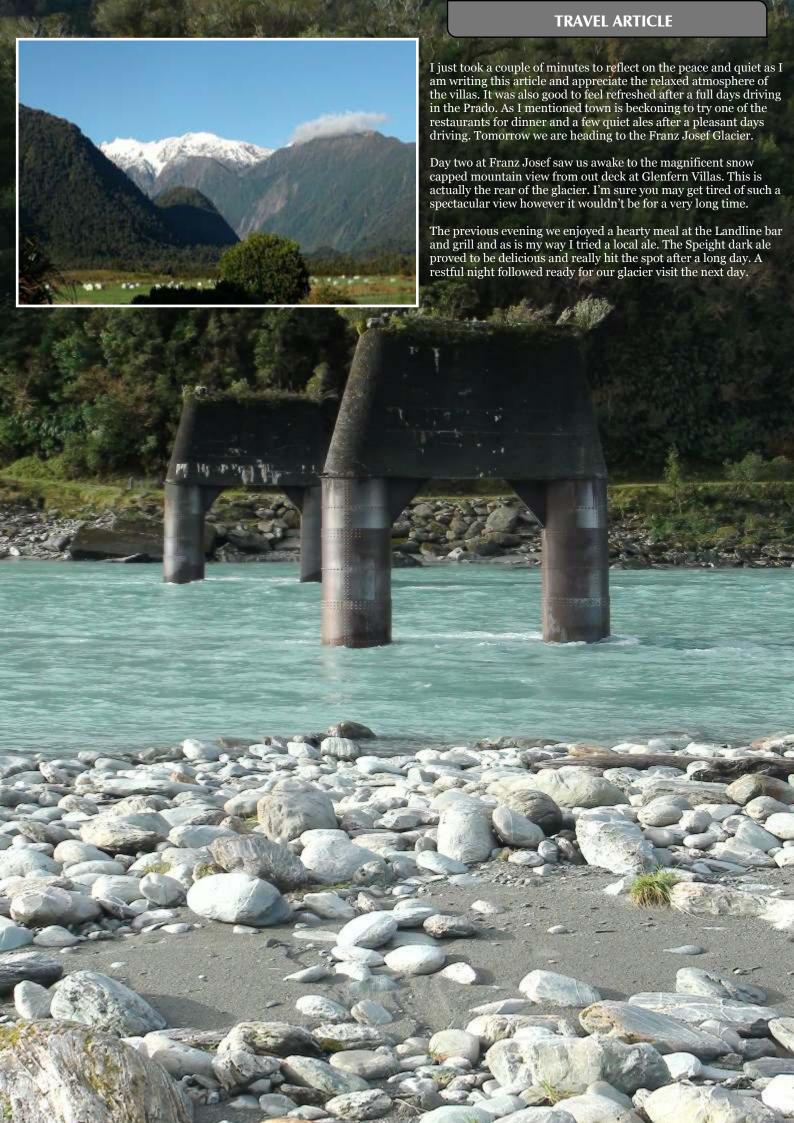
One thing you find while traveling as we do is that a friendly and relaxed host with comfortable rooms makes all the difference. Cesar at Glenview Villas provides just that. At around \$270 a night it was great value. If you are heading this way I would definitely give Cesar a call and have a chat because his villas make you feel at home and relaxed.

Their website is http://www.glenfern.co.nz/









#### **TRAVEL ARTICLE**



The Franz Josef Glacier is a quick 5 minute drive out of town, where after crossing yet another single lane bridge you turn left and follow the smoky coloured river to the glacier. The river has a murky colour and it comes from the wash over the rocks etc from the glacier. They call is rock powder and it is the only river on the west coast we have seen that isn't that ice teal colour or crystal clear. It also had some punch with fast flowing water.

I had read a lot about the Franz Josef Glacier when I was a kid so I was really looking forward to seeing it in person. From the car park it is about 1-1&1/2 hour return walk to the viewing platform. Along the way there are stunning waterfalls cascading down from the mountain tops and the overwhelming sound you can hear is fast running water everywhere.

We arrived at the viewing platform that was about a kilometre from the base of the glacier. My daughter who is with me had been there in 2009 and she said that when she was last there the foot of the glacier was where we were standing. The glacier had receded that much in 5 years.

The glacier is still majestic and truly inspiring, so it was absolutely worth the visit. However viewing how much it has receded left me tinged with a great deal of sadness. Is this another of our planets stunning pieces of nature being destroyed or lost to future generations. My only comment is that if you (like me) have always wanted to visit do it soon.

Like a lot of such places there are signs everywhere about staying on the path, not getting too close etc. Now most people take these warning with a grain of salt. Unfortunately in 2008 and 2009 there was a bunch of tourists that didn't heed the warning and got too close for that better picture etc. They died under a wall of collapsing ice. My view is that is why cameras have a zoom lens!

The afternoon saw us enjoy an all day breakfast at a trendy little café called "Full of Beans" and then we decided to go for a drive. Just south of the township of Franz Josef is Lake Mapourika. It lies north of

Franz Josef Glacier, and the out-flowing Okarito River drains it into the Okarito Lagoon. It is the largest of the West Coast lakes, a glacier formation from the last ice age. Since the water from glacial melts no longer drains into the lake, it is filled with fresh rain water which runs though the surrounding forest floor, collecting tannins, giving it its dark colour. As the winds of the region sweep high above the mountains of the Southern Alps, the water is left unruffled and quite reflective of the forest on the lake fringes. Further south is the turn off to Okarito and being the exploring type and not knowing what was there we decided to go. It was about a 20 minute drive and the road follows a fast flowing river with clear water. The end result was tiny and quaint beachside village that faced onto a wild western beach. There is a small camping ground with good facilities (self registering) and a grass airstrip next to the campground, so be careful where you pitch your tent.



You can drive on the beach here, the access is very soft sand but he beach has a lot of smooth rock and pebble so driving is a breeze, especially in the Prado which takes such tasks with ease.

To be honest Okarito is maybe worth a visit for the beach and the drive in but the surrounds of Forks etc have some dirt tracks but not worth the time. However if you are a fisherman the Okarito Lagoon may prove a happy fishing spot with salmon and trout seemingly popular.

One lasting impression of the northern west coast is the number of rivers, they are everywhere and there is water in abundance. I guess if you get 7m of rain a year it has to go somewhere.

Tomorrow we head south the Queenstown and hope to enjoy the scenery along the way.





COOKING WITH BRIANNA







# DADS FAMOUS CAMPFIRE **STEW**

It's the perfect recipe for a cold winter's night whether you are camping in the outback or sitting at home around the table. Serves: 6-8

Cooking time: 1 hr & 30 minutes

Many of my childhood memories consist of camping around a fire and eating my Dad's famous stew.

#### Ingredients:

1 tbsp olive oil

2 cloves of garlic (4 tbsp)

1 large brown onion

1 medium sweet potato

5 potatoes, washed

250g green beans

1 large carrot

600g beef strips or cubes

1L chicken stock

420g tomato soup (1 tin)

420g diced tomato (1 tin)

165q traditional gravy

140g packet slow cooking beef & red wine casserole sauce

> 1/2 cup barbeque sauce 2 tsp worcestershire sauce 420g sweet corn (1 tin) 420g chickpeas or kidney beans (1 tin)

1/3 cup of red wine



#### Method:

- 1. Saute garlic and onions off in olive oil until translucent.
- 2. Slice sweet potato and potatoes into 2 cm cubed. Top and tail beans and cut in half. Thinly slice the carrot.
- 3. Place cooked onions in a bowl and then cook meat until brown. Pour in all of the stock and the slow cooking beef & red wine casserole sauce with the cooked onions.
  - 4.Place into pot tomato soup, diced tomato, gravy and potatoes. Stir and bring to boil. Cook for 15 minutes stirring every couple of minutes.
  - 4. Pour in barbeque sauce and worcestershire with the carrots and sweet potato. Cook for 15 minutes whilst stirring so it doesn't stick to the bottom of the pot.
- 5. Pour in corn, chickpeas, beans and red wine. Cook at low temp for 40 minutes.
  - 6. Serve hot with damper and enjoy.



# Camp Oven Damper

Nothing goes better with a hearty stew or soup than a home cooked damper. Try this easy and fool proof recipe to achieve a tasty golden damper.

Preparation time: 15 minutes Cooking time: 20-30 minutes

#### **Ingredients:**

3 cups self raising flour 11/4 cups water pinch of salt milk, for brushing

#### Method:

- 1. Place flour, salt and water in a bowl and mix well.
- 2. Lightly flour a flat surface or kneading board and knead the dough until well combined and the mixture forms a round shape.
  - 3. Place on a greased tray and generously brush the top with milk.
  - 4. Cook for 20-30 minutes or until golden, sounding hollow when tapped on top.
  - 5. Serve hot out of the oven with your favourite stew or soup.

Serve and enjoy!







# Garlic Prawn Pasta

Serves: 4
Preparation Time: 10 minutes
Cooking time: 10 minutes

#### **Ingredients**

400g angel hair pasta 20g butter 3 tbsp olive oil 7 garlic cloves sprinkle chilli flakes 30 raw green prawns 3 tbsp lemon juice 3/4 cup parsley

#### Method

- 1. Cook t he angel hair pasta in boiling water for 5-8 minutes or unt il al dente, drain and keep warm.
  - 2. In a hot fry pan add butter, oil, chilli and thinly sliced garlic and cook for 2 minutes.
- 3. Peel, clean and slice prawns length ways, add to fry pan stirring and cook for 3 minutes.
- 4. Add to fry pan t he pasta, lemon juice, roughly torn parsley, season with salt and pepper, and combine.

Serve and enjoy!





#### AC-PRO VORTEX Air Compressor Keeps Four Wheel Drivers on the Go

Recreational off roaders using large tyres will be impressed by AC-PRO's all new portable Vortex air compressor (P/No. VTX200). The Vortex is the largest in the range and provides ultra-rapid inflation, allowing it to re-inflate a 33 inch tyre from 15-30PSI in a lightening fast 1.15 minutes, ultimately reducing downtime and allowing more time on the tracks.

Operating at 160 litres per minute, the 12V 150PSI air compressor ensures tyres – no matter how large – are re-inflated quickly and easily. Built for the harshest off-road conditions, the compressor features a tough all metal heavy duty construction and utilises

stainless steel valves and sealed bearings making it ultra- reliable. A quick access and easy-clean air filter is also standard, offering peace of mind in dusty off-road environments.

Protecting its powerful 600W motor from overheating is an auto-reset thermal overload switch, which ensures the compressor doesn't falter while off the beaten track, no matter how hard it's asked to work.

The Vortex air compressor comes complete with heavy duty battery clips, a 2.4 metre cable and a heavy duty eight metre hose with a secure-fit valve attachment.

A very handy in-line tyre pressure gauge is also included with the compressor, featuring a convenient deflator button for quick and easy deflation and tyre pressure correction.

Often four wheel drivers encounter sandy or muddy conditions, so to prevent the Vortex air compressor from burying itself in sand or mud when in use, a convenient sand tray has been fitted to the base.

For added convenience, the compressor and all its fittings pack neatly into the supplied durable carry bag allowing quick and easy stowage. AC-PRO Vortex air compressors are available from automotive, transport and four wheel drive outlets throughout Australia, retailing for \$199.00.



#### Narva L.E.D Daytime Running Lamps

All new L.E.D Daytime Running Lamps from Nava bring enhanced visibility and safety to motoring when fitted to cars, 4WD's and commercial vehicles.

Displaying an exceptionally bright light output they are ideal for use over extended periods of driving thanks to the long life expectancy of L.E.D's which today can well exceed the life of the vehicle.

Although not mandatory they are recognised for increasing daytime visibility and safety for oncoming traffic and have been included in the design rules as ADR 76/00.

They boast 9-33V multi-voltage circuitry and utilise high powered 1 Watt L.E.D's that offer exceptionally low current draw whilst their design provides a stylish modern appearance.

Increasingly popular in Europe, many new cars, coaches and trucks are now fitted with daytime running lamps as standard original equipment.

Both round and rectangular styles are available with adjustable mounting brackets and with the exception of the slimline model 71902 each lamp comes complete with an original equipment quality wiring loom.

Narva Daytime Running Lamps are available from leading automotive, 4WD and transport outlets.





### Narva Driving Light Harness Kits Offer Versatile, Cost-Effective and DIY Installation

Narva has upgraded its do-it-yourself (DIY) 'plug and play' driving light harness kits to be easier than ever, still compatible with halogen, H.I.D or L.E.D and available for 12 volt (P/No. 74402) and 24 volt (P/No. 74402-24) vehicles. They remain the ideal solution for four wheel drivers and truck drivers alike looking to improve their vehicle's lighting with auxiliary driving lights.

Purchasing this all-in-one kit offers customers ease-of-installation and cost savings of up to 50 per cent on the price of purchasing all the necessary componentry to do it from scratch, and with no tools required the generation two kit allows drivers to simply 'plug and

play' – without needing to cut or splice wires to connect to the vehicle's headlight circuit. The driving light harnesses also offer complete versatility, with additional connectors provided with the kit to allow easy interactivity with any other brand name halogen, H.I.D and L.E.D driving lamps.

Simple to install, a clever adaptor piece is supplied and plugs directly into the vehicle's headlamp circuit, suiting H4 and HB3 globes found in most vehicles. Additional headlamp adaptor kits for H1, H3 and H7 can be purchased separately (P/No. 74416). For further ease of fitment, the kit includes an on/off mouse switch with L.E.D indicators and adhesive back. The kit also includes a 30A fuse, waterproof fuse holder, relay and relay block, and all cables are insulated with corrugated tubing to ensure longevity.

Allowing for completely DIY installation, the driving light harness is compatible with both positively and negatively switched vehicles thanks to intelligent

electronics, so no longer is the task of wiring up a set of driving lights a daunting one.



Four wheel drive enthusiasts will benefit from the optional panel mount heavy duty sealed rocker switch, complete with a driving light symbol and illuminated blue screen (P/No. 74414). A standard rocker switch (P/No. 74410) is also available as an optional extra. Both rocker switches come with pre-wired fitting for direct connection to the driving light harness. Narva's 12 and 24 volt driving light harnesses are available from leading four wheel drive, transport and automotive outlets throughout Australia and retail for \$99.

#### **KORR 10w LED Headlamp**

KORR has released a handy 10 W Head Lamp that literally turns night into day everywhere you look.

For those of you that do a lot around the campground at night or even around the house, a headlamp is invaluable. Now you can buy a cheap and nasty from a reject shop that always has you straining to see anything or you can buy a quality product from KORR and have no problems.

We recently acquired a couple of the 10 w headlamps from KORR and let me tell you they are the best headlamps we have ever had for the price. They have the quality of something twice the price.

#### Features include

- Lumens 240LM
- Power: 10W
- High power 10w CREE XML2-U2 LED
- Range 150mtrs
- 4-10 hour endurance
- 3 light settings
- Anti-shattering ultra clear lens
- 4x AA batteries included
- IP66 waterproof design
- Working voltage: 3.7v 4.2v

When we pack now for a weekend or a month away the KORR headlamp is one of the first things in the box. They are a comfortable, practical, essential piece of camping equipment.

To find your nearest KORR stockist go to

<u>www.korrlighting.com.au</u>





VISTA RV

Introducing Vista RV, a new name to the outback touring market









# "Our concept is an innovative 'crossover'

camper/caravan, providing a unique blend off road camper freedom and function with the comfort and security of a caravan."









#### OZROAMER DIRECTORY

## **Opposite Lock Narellan NSW**

Services

Chris Murphy and his boys at Opposite Lock Narellan are a specialist retailer supplying accessories to owners of four wheel drive, commercial and passenger vehicles. The Opposite Lock range of accessories is for serious off-roaders and enthusiasts, representing the highest possible quality and best value available anywhere in Australia.

Chriss product range, expert knowledge base and the first class service support he provides to clients is second to no-one. The boys at Opposite Lock Narellan have a passion for their work that comes through in everything they do. At Opposite Lock Narellan we believe in offering our customers the widest possible range of products and helping them make the best possible choice.

For instance, if you're after a bullbar we can show you steel, aluminium and poly bars. Or if you want to carry more gear you can choose between a set of roof bars, steel or aluminium racks, roof pods, storage boxes and rack sacks or we can show you how to make the most of your interior space. At Opposite Lock Narellan the choice is yours. Opposite Lock Narellan offers the full service, from the moment you walk into our doors, your off road experience begins, this includes taking the time to give quality advice, the right products to suite your specific requirements, superior quality fitting, full after-sales service, backed up by our nation-wide warranty

When you're headed out bush you need complete confidence in your equipment and that's exactly what you'll get from Chris at Opposite Lock Narellan. He is a 4x4 enthusiast and uses his 4x4 and his products. Every product has been thoroughly tested and proven often under extreme conditions.

When OzRoamer wanted someone to work on the Project Pajero where they were revitalising a 10 year old Pajero as an outback tourer they



trusted Chris at Opposite Lock Narellan to-do the work and prepare the Pajero for its rugged outback trips ahead. That confidence and peace of mind came through when Project Pajero completed 6,000 km of harsh outback travel without a mishap.

Give Chris a call on (02) 4648 4650, email him at info.narellan@oppositelock.com.au or visit <a href="https://www.oppositelock.com.au">www.oppositelock.com.au</a>

#### **AIR-RITE**

Air-Rite specialises in custom made accessories and add ons for your slide on camper or ute body. Working in mainly aluminium and stainless steel, we can custom design all sorts of solutions for your camping needs including:

- Heavy duty under body storage boxes in both aluminium and gal, powder coated or two pack finish.
- Stainless steel & poly under tray water tanks complete with 12 volt pressure pumps.
- Sliding drawers and tables (as illustrated) made to your specifications. These storage modules can be made with or without the slide out table and sized to your individual needs.
- Rear dress bars complete with LED tail light upgrades (as illustrated). Many traybacks are left with the OEM rear bumper fitted, making the rear of the vehicle look a little unfinished and sometimes compromising the operation of

the reversing sensors. Our aluminium dress bars will finish the back end of your trayback and restore the correct function of your reversing sensors.

- Head board spoilers.
- Supply and installation of LED reversing and work lights.
- Supply and installation of camping fridge slides & drop slides.

If you are looking for something a little different, visit us in Nambour or call our Workshop Foreman Paul to discuss what we can do for you.

www.air-rite.com.au Ph: (07) 5441 2866



#### **Products**





# **AUTOFRIDGE** portable fridge



#### **Products**

AUTOFRIDGE Australia Pty Ltd is an Australian owned company that is now in its 24th year. The AUTOFRIDGE project began in 1986 after a prototype portable fridge was built to test out the eutectic refrigeration principle that had been used in the marine industry for many years. The first AUTROFRIDGE portable eutectic refrigerators for 4WD applications were produced in 1987 and the product quickly gained acceptance due to its exceptional efficiency and high quality.

Today, the product is still hand built with the prime objectives being efficiency, reliability and a high standard of finish. In a conventional compressor powered refrigeration system the evaporator is mounted inside the fridge cabinet and makes everything cold when the compressor is running. When the compressor turns off, the fridge warms up. The system starts up again to bring the

temperature down. This process continues constantly and is controlled by the thermostat all very simple and in most cases reliable. Eutectic refrigeration is simply the use of a compressor-driven refrigeration system coupled to a cold storage device, i.e. eutectic tank (sometimes called fce bank'or fce wall'). The eutectic tank contains a liquid which is chilled and frozen during the refrigeration cycle. This mass of ice housed within the tank is capable of keeping the temperature of an insulated box at refrigeration temperatures for long periods of time without running the compressor. When the eutectic tank or ice bank has thawed, the refrigeration system is run again to re-establish the ice bank. In a properly designed eutectic system the

refrigeration system only needs to be run once or twice daily with very long periods between each run. It is not necessary to have an auxiliary



battery just to run the EUTECTIC fridge. The advantage of the eutectic system is that the refrigeration unit does not need a power source on a continuous basis, whereas a conventional system must have power available at all times.

For enquiries, at E: autofridge@bigpond.com P: (02) 9316 9539 F: (02) 9316 9871 www.autofridge.com.au



### **Hillbilly Camping Gear**



#### **Products**

Hillbilly Camping Gear provides Australian Made cooking equipment ideal to use anywhere from the backyard to the bush. Made from uncoated blue steel, all Hillbilly frypans, camp ovens cook stands and BBQs are made to last a lifetime of camping use with minimum maintenance required. Hillbilly camp ovens have earned a reputation as the best camp oven cooking system available.

The BushKing 12.5 litre is manufactured from spun blue steel, making this camp oven much tougher, harder wearing and easier to clean than cast iron alternatives.

The unique design makes the BushKing a most versatile fireside companion as camp oven, frypan and saucepan. To heat the camp oven you can choose to use campfire coals, Heatbeads, dry sticks or the purpose designed Hillbilly KingCooker gas conversion for maximum flexibility in use across environmental and weather conditions.

Take a look at the range of accessories available (including baking trivet, vegie roasting ring, pot stand, gas conversion, carrybag and cookbook) and you'll know it really is the most versatile camp ven system available. Check out our complete BushKing Kit packages. Dimensions: 12.5 litre, 415mm widest diameter - lid, Weight

The Hillbilly Cookbook - featuring 200 easy recipes to try out with your Hillbilly Camping Gear is written specifically for the Aussie camper, it is a must have to make your bush cooking a gourmet experience. Hillbilly Camp Oven Carrybag Manufactured from a tough heavy weight canvas the carrybag keeps your camp oven and all its accessories together and easy to transport. Weight 0.8Kg Now there is also a broad range of Hillbilly products that will add even more pleasure to your outdoor living experience. These include



Billy cans, kettles, hot water boiler, BBQ grills, fireside spit, general camping accessories, etc.

Contact us at: Hillbilly Camping Gear, 21A Kevin Avenue,

Ferntree Gully, Vic, 3156. P: 0407 540 005 F: 03 8678 3931 E: sales@campingwithhillbilly.com www.campingwithhillbilly.com

### Korr Lighting 3 Bar Camp Kit

Finally a new quality LED light ideal for camping, 4WDs, caravans, boats and more! These weatherproof lights provide more than enough light to see what you're doing at night. Installation is a breeze! This DIY kit comes with all the necessary cables, quick connectors and mounting hardware so you can install yourself in nearly all applications. Due to its aluminium casing and fully waterproof (IP68) LED's, the Light Bar light is extremely tough. We back our product with a 2 year warranty. 30 day money back guarantee. You no longer need to pack the lantern/torch when camping.

Never have to cook before it gets dark. No hot elements from gas lamps. Leave them on all night and it will not affect your battery. A dimmer switch is supplied so you can turn down the brightness in the kids room. All lights are IP68 Rated, that means they will run under

They have a 50,000 hour life span. Power consumption being only a mere 0.5 amp per light bar means you could run this light off a normal car battery for 100 hours before the battery goes flat.

FEATURES: 2 year warranty / 1 year commercial, Waterproof (IP68), 12 volt, 7.2watt per 50cm bar, 120 deg beam angle, 50,000 hour life span, Little to no heat, Durable / impact resistant, Massive 450 lumens per 50cm Light bar, DIY install, no electrician required

3 BAR KIT CONTAINS: 3 x high power 50cm Light bars, 1 x dimmer switch "The dimmers are on/off switches as well", 1 x 10m quick connect cable with cigarette attachment, 1 x battery terminal clamps to cigarette adaptor, 2 x 1.2m cables with quick connects, 2 x 2.5m cable with quick connects 2 x splitter cables with quick connects, 6 x Velcro wraps for mounting, 6 x

### **Products**



magnets for mounting 6 x zip-ties for mounting, 1 x reusable container, 6 x mounting Clips

Contact us on: (07) 3801 8332 www.korrlighting.com.au

#### GME TX685 & TX6150 Hand Held UHf CB radios

#### **Products**

Introducing the new GME Water & Dust proof compact hand held UHF CB Radios. The GME TX685 & TX6150 are compact 3 and 5 watt UHF CB hand held radios. These Australian designed radios are built rugged and are the first • IP67 Water and Dust proof – Submersible water and dust proof radios available with a 24 hour battery life\* - ideal for the harsh Australian • environment.

Tough enough to rinse under the tap after a muddy day on the farm or, if you're a little more adventurous, small enough to fit in a jacket pocket hiking or 4WDriving with your mates. These rugged radios are packed with a range of innovative software and hardware features in scanning and memory, signal processing and privacy, ensuring consistent reliable communications even in the most extreme conditions.

With a range of high quality accessories, these radios are even suitable for reliable

team communication within construction and maintenance, agriculture and primary industry, destination and event management. The Features:

- up to 1 metre for a period of 30 minutes
- Built rugged Solid die-cast chassis and operational between -20° to +60° degrees celsius
- Powerful 3 or 5 watt versions combined with GMEs enhanced receive sensitivity and selectivity, intelligent power management and the helical wound antenna, these radios maximise transmit range and boost reception distance
- •Intelligent Battery Management powerful 2000mAh (TX685) and 2200mAh (TX6150) Lithium Ion battery packs and intelligent hardware and software design allows the

radios to operate for a minimum 24 hours on low power or 15 hours on high power\* - 50% longer than any other 5 watt UHF CB radio

- Privacy 38 CTCSS, 104 DCS tones and Voice Inversion Scrambler for those users looking for greater privacy and less interruption
- •Scanning Open scan with user selectable channel memory and dual watch
- Genuine 2 vear GME warrantv For more information contact GME on

www.gme.net.au



#### OZROAMER DIRECTORY

#### St John Ambulance Australia



#### **Products**

St John Ambulance Australia is a self-funding charitable organisation active in all states and territories, dedicated to helping people in sickness, distress, suffering or danger.
St John is Australia's leading provider of first aid training, first aid services at public events and supplier of first aid kits and equipment.

They run the ambulance services in Western Australia and Northern Territory and provide a range of community services and youth development programs.

First Aid courses include CPR, Emergency First Aid, Senior First Aid, Occupational First Aid and many more. First aid courses are available across Australia.

St John sells first aid kits for workplace, first aid rooms, leisure, home, motor vehicle and other uses. They provide a restock service plus a wide range of other first aid kits for specific purposes

(e.g outdoor, 4WD) and workplaces (to meet State/Territory legislative requirements). The Road First Aid Kit contains 125 quality pieces and has been designed for the car, home or 4x4. It is definitely an essential to have in the event of an emergency as containing all the basic requirements to treat most emergencies. It is ideal for storing in the back of your truck. The St John Bites and Stings First Aid Kit has been specifically designed for the treatment of bites and stings injuries from the beach to the bush. It contains a cold pack, bandages and first aid manuals

Have you ever been to a public event and been injured or felt unwell? Chances are St John volunteers have been there to help.

By donating to St John, you are helping our volunteers continue their essential work in communities in NSW and beyond. There are



many ways you can support the vital work St John provides to the community. Contact St John on www.stjohn.org.au



#### Biji-Barbi



#### **Products**

An Aussie invention, the Biji-Barbiis a dished BBQ plate that has three fold up legs and a practical, long, fold-up handle. Derived from the Australian plough disc/shear, the Biji-Barbi is ideal for gas burner or open fire cooking.

Designed and manufactured entirely in Australia, it mirrors the character of the nation and its early pioneers. It is with pride and a sense of history therefore that we may proclaim it thus; Biji-Barbi: Rough Enough for the Bush!'

Simply unpack your Biji-Barbi, snap the handle and legs in place and cook up a great meal in the bush, on your deck or at the park. Just be sure you hear the click'when snapping the legs and handle in place to avoid having your Biji-Barbi tip over. The Biji-Barbi can be used on either a normal wood fire or by placing a suitable gas burner beneath it. It is easily cleaned and stored and is ideal for meat, eggs, fish or vegetables, making it an ideal gift for the 4WD owner or camper. In fact

anything you can cook on the home hotplate you can cook, probably better, on the Biji-Barbi. The Biji-Barbi is available with or without a centre hole for drainage of drippings. The large Biji is 430mm or 17" in diameter while the medium Biji is 350mm (14") diameter. The covers are canvas in either grey or green and fit either sized Biji-Barbi. The Flip-Grips eliminate the need for multiple cooking utensils and are designed to fest' on the flip handle securely preventing them from falling on the ground. If you're heading bush, do yourself a favour and have a look at the Biji-Barbi, get the large version, don't skimp, get the canvas cover (it lasts forever) and look forward to simple bush barbeques.

Quality and presentation of the essential product as well as an innovative approach to product development are the fundamental priorities of this micro business.

Contact Biji-Barbi on www.biji-barbi.com.au





# **Helton Vehicle Hot water Systems**



#### **Products**

An Australian owned family business, Helton Heat Exchangers manufacture the most compact water heating units currently available. They are small in size and big on performance. Constructed from 100% copper for maximum heat transfer, durability and corrosion resistance, Helton units can be fitted to any vehicle with a water cooled engine. With their unique internal ducting, Helton units can be mounted vertically, horizontally or at any angle between. As well as shower systems and the versatile hot water unit which are designed as continuous flow models, Helton also manufacture storage units and marine units. The available range of heat exchangers make them ideal for camping. If you want to relax at the end of the day, you will have reliable hot water for showers and washing up no matter how remote your campsite is. Our units are also great for fishing trips - so you can wash off that fishy smell or rinse off equipment.

Perhaps you would prefer to take a hot shower in the privacy of your caravan or motorhome. All units can be customised to suit individual applications.

The Helton camping shower units are designed to deliver water for a hot shower direct from your vehicle. No more cold showers or waiting for water to heat over the fire. Ideal for camping, fishing, traveling and the great outdoors.

Heat exchangers can be supplied as a bare unit with mounting hardware and installation instructions for DIY installers or as part of an installation kit complete with mounting hardware, heater hoses and clamps, fresh water hoses and barbs, a high quality automatic 12v pressure pump, a shower rose with hand piece on/off valve and hose and everything else you will need to set up and get hot water. Helton offers you a comprehensive pre and

Helton offers you a comprehensive pre and post purchase advisory service and a 5 year



manufacturer's warranty.
For more information contact Helton
on: P: (07) 4627 2477
E: mail@helton.com.au
www.helton.com.au



### **ClientSAT** Products

Client SATisfaction is critical to our success and that is why it is in our name. Our name is not about the products we sell, it is about what we deliver to our clients.

We have negotiated access with nine separate service providers and carriers, including AST Australia, TR Telecom, Iridium, Inmarsat and other Australian & International carriers. We call it being supplier agnostic.

"Our decision to recommend one solution or supplier over another will be driven by need, and that is the need of our client" Rob Martin, MD-The Client Pty Ltd.

ClientSAT is an Authorised Australian Government Satellite Phone Subsidy Scheme Dealer.
Registration Number D01358. The Australian Government provide subsidies to assist with the purchasing of satellite phones for use in areas where normal mobile coverage is not available.

Eligibility - Individuals may apply for one subsidy. Small businesses, educational institutions and community groups may apply for two subsidies. Indigenous corporations, health and emergency service organisations may apply for more than two handset subsidies. Handsets must be connected to a satellite phone sim card at the time of purchase.

**Two-tiered subsidy** - The subsidy varies according to where you live and the cost of the phone you buy. Call us to see if you qualify for a 50% or 85% Government subsidy.

Services we provide - Satellite phones, vehicle docking stations, vehicle and marine antennas, satellite email for laptops and tablets, satellite data modems, satellite tracking, Iridium, Inmarsat, Thuraya, Pre-paid sim cards - short or long term. Monthly line rental for your existing satellite phone at great rates, standard mobile phone numbers for your phone and FREE SMS to satellite phones.



All goods will be delivered by Australian Air Express or another nominated service where a signature will be required to accept the goods. We will attempt to dispatch your goods within two working days of our receipt of all the paperwork. If goods are unavailable for delivery you will be advised of this within one business day of your order. ontact Client SAT on 1300 368 858 or at www.clientsat.com.au

# **MAXTRAX Recovery Gear**

Brad McCarthy, author of Dirty Weekends The

MAXTRAX in 2001 after a particularly stressful

incident on a remote north Queensland beach

traditional recovery equipment, he almost lost

adventure sent him out, often solo throughout

that's engineered and rigorously tested in the

expeditions. Is is ated as the SAFE, SIMPLE,

recovery. Measuring just 115cm long x 33cm

wide, each et of MAXTRAX stacks together at a height of just 8.5cm which can be stowed away

QUICK and EASY method of 4WD vehicle

where despite being equipped with all of the

Brad's passion for the bush, exploration and

his bogged vehicle to the incoming tide.

Queensland, to research bush tracks and locations to feature in his guide books.

MAXTRAX is the Australian designed, innovative, lightweight vehicle recovery device

world's toughest off road events and

Essential 4WD Guides', devised the idea for

with the rest of your day tripping, camping, or picnicking gear. Each MAXTRAX weighs a light 3.6kg so it is easy to carry and manoeuvre with minimum effort under your tyres.

The large cleats on MAXTRAX sink their teeth into the tyre tread and the terrain under your 4WD vehicle to prevent it from slipping back into mud, snow, or sand. Made of UV stabilised, flexible, super tough engineering-grade reinforced nylon, MAXTRAX provides traction and a firm base to get your vehicle quickly back on track.

You can even use it upside down as a shovel to remove excess material from around your tyres. MAXTRAX takes the drama out of getting stuck and will make vehicle recovery uicker and easier than most vehicle recovery devices on The market today.

Take the easy way out! Buy MAXTRAX now! www.maxtrax.com.au

#### **Products**





# **Bridgestone Dueler D697**

Bridgestone's reputation for legendary off road toughness has been forged on some of Australia's roughest terrain - so it was natural that the new Bridgestone Dueler D697 4WD tyre would have to prove its worth under the same conditions.

Bridgestone undertook two years of testing with vehicles fitted with Dueler D697 working in unforgiving conditions such as cattle stations in the Kimberley, the infamous Gibb River Road, Flinders Ranges and Simpson Desert. Not surprisingly, the Dueler D697 passed with flying colours.

"We ran more than 400,000 kilometres of testing over that two year period and we proved that the D697 offers even better resistance to stone cuts and chips than its predecessor, the D694, while retaining all of its toughness and puncture resistance qualities," said Claudio

Sodano, Bridgestone's Group Technical Field Service Manager.

"In addition, the new tyre showed significantly better wear than the competition. So, it's not only tough but it will definitely go the distance."

Since launching the D694 in 2006 sales have almost tripled, cementing Bridgestone's position as Australia's market-leader in All Terrain (A/T) tyres.

That position is set to strengthen further, with the Dueler D697 available in a huge range of sizes.

"We have released a wide range of D697 sizes specifically targeted to suit vehicles in the Australian market," Claudio said. Bridgestone's legendary Dueler All-Terrain product range is supported by over 300 Bridgestone retail outlets Australia-wide.

### **Products**



For more information, find your nearest Bridgestone retail outlet by calling 131 229 or by visiting www.bridgestone.com.au



#### **Kizlyar Knives**

Products

Kizlyar Australia officially began operating in 2005, with its main office in North Sydney. The company's original role was to establish the Kizlyar brand of Knives in Australia and also to market the product to both retail and wholesale customers. Soon after, it was realised, that Australia was a great testing ground for our products and the feedback from the Australian clientele was found invaluable. Therefore, Kizlyar Australia started to play a much more major role in research and development of new knife models and also the improvement and upgrade of existing models. Our ability to work with major players in the Hunting and Outdoor industry in Australia, quickly raised the awareness about Kizlyar brand in Australia and in the United States. By 2009, Kizlyar was holding a solid position amongst the top production handmade knives sold in Australia and our knives can now be

store throughout the country. It was early in 2010, when it was decided to broaden our product range. And so today Kizlyar Australia is the official distributor of many other superior quality brands of knives, as well us well known outdoor accessory brands. Some f these brands include, Joker Knives, Kizlyar Supreme, Olamic Cutlery, Down Under Knives, 5.11 Tactical Gear and many more. If you live in Sydney, or just happen to be in town, make sure you stop by our showroom at 168 Best Rd in Seven Hills. Previously, Kizlyar was limited to online images and info as well as stockists sparsely located around Australia, giving you the chance to see a small selection of what we fully have to offer. With our show room now up and running, we are inviting members of the public to come in and check out for themselves some of the great products we

purchased from almost every major hunting



to offer. Check out our vast range of Knives from over 20 different brands and feel free to ask one of our helpful staff if you have and questions regarding our products. Contact Kizlyar on 1300 83 99 66 or visit <a href="https://www.kizlyarknifestore.com.au">www.kizlyarknifestore.com.au</a>

#### **Glind Hot Water**

Are you traveling, camping or fishing and need a hot water solution? Fit a Glind water heater to your vehicle and have hot OR cold water whenever you want, not only this year, but for years to come.

For the last 20 years Glind has been supplying lovers of the outdoors with the one basic home comfort most loathe to leave behind - the use of refreshing pressurized hot or cold water. The great attraction of this unit is that it is so simple to use. A heat exchanger water heater is mounted permanently in the vehicles engine bay and coupled with a pressure pump, will supply good pressure and adjustable water temperature To the user. The unit will give years of quality service, and is transferable from vehicle to vehicle. The Glind water heater gains it heat by accessing the engine coolant to heat your fresh water supply inside its small heat exchanger. The coolant and fresh water travel in separate chambers inside the

heater and as long as the engine is at operating temperature and you have fresh water in your tank, hot water is as simple as turning on the tap. In the words of well known fisherman, camping expert and journalist, Wayne Kampe: "Freed from camping grounds, I can rely upon the heat exchanger and pressure pump under the car bonnet to provide an endless source of hot water for making those camping chores easy and a hot shower at day's end is something to really look forward to."

Now with the Glind automotive heat exchanger available from \$245, why should you do without one of life's great pleasures - a good hot shower. Complete DIY kits are also with different pumps to suit different applications. Parts may vary from kit to kit.

For more information Glind can be contacted on (07) 3408 6226 or visit <a href="https://www.glind.com.au">www.glind.com.au</a>

#### **Products**





#### **Southern Cross Canvas**

Southern Cross Canvas are manufacturers of

an extensive range of products ranging from

manufactured from Australian made canvas

which has a high tear strength and a high water

head (waterproof) with a low shrinkage factor. Along with our range of Touring tents we

manufacture Family Cabin tents. These style

tents are timeless classic style tents, in which

manufactured based on tried and true designs

manufactured from high-quality 12oz Australian

made wax-converters canvas, in which they are

all manufactured at our factory in Bayswater.

The bags are all double stitched and bound.

even to This day are popular with families.

Southern Cross Canvas roof bags are

used across the country. The bags are

product to suit your requirements.

All Southern Cross Canvas tents are

high quality Australian made canvas goods. With

Tents through to Swags you are bound to find a



then there are 50 mm quick release buckles placed accordingly to secure to the roof rack. The bag can be opened on three sides which enable easy access to pack and unpack the bag. Southern Cross Swags are available as custom made to your specifications and from a stocked range of single and double swag configurations. With the use of only the best Australian materials, we manufacture swags to reliably withstand all weather and terrain conditions youll encounter across the country and so make your camping experiences the relaxing pleasure they should be

The Dome Swags have long been considered the pinnacle swag out of those available on the market today. Manufactured using 10 oz Australian made Wax Converters canvas, a heavy duty PVC Vinyl floor and midge proof flywire. You can be rest assured that it will protect you from the elements and offer you a great

#### **Products**



Sleep with plenty of ventilation where ever you may decide to spend the night in this vast country of ours. Available in either Single, Double or King you will be able to find a swag to suit your size requirements. For further details visit <a href="https://www.southerncrosscanvas.com.au">www.southerncrosscanvas.com.au</a> or give their friendly staff a call on 03 9729 5056.



### Caribee Tundra Jumbo Sleeping Bag

**Products** 

Caribee has been producing top quality outdoor and travel gear for the Australian public for over 30 years. This experience has made them a leading supplier to the outdoor and travel industry, with many Aussie's having owned a Caribee product sometime during their lifetime.

This makes them a house hold name and a common product sighting during your travels. Caribee's sleeping bags are not the most expensive on the market, but this does not mean they are inferior. The range that they offer provides a useful and concise selection for the Aussie traveller, whether heading our bush or jet setting around the globe. Select from their compact travel sleeping bags to their large jumbos there is asleeping bag designed for everyone, even the kids. Their jumbo sleeping bags are head lined by the popular Tundra Jumbo that is available in both -5°C and -10°C.

Big, bold and brash (235 x 100cm size), the Tundra Jumbo is the ultimate king sized sleeping bag, boasting a fully sculptured one metre wide design and incorporating their effective Hot Foot Technology (HFT). Designed for cold climates, HFT lines the lower portion of this sleeping bag with thermal fleece for added warmth the during cold nights and is great for keeping your feet warm.

Other design features include the handy "box foot" construction that provides additional room for your feet and greatly improves your sleeping comfort. This sleeping bag also features a draw cord hood, dual full length #8 zips that provides easy access in to and out of the bag and also allows the sleeping bag to be opened up like a doona, dual layer Tech-Loft Extreme synthetic fill, nylon shell, comfort cotton lining, a draft tube and collar to reduce heat loss and finally a handy internal security





Pocket. For further information on Caribee's extensive range of products, check out their website www.caribee.com

#### **Projecta**

PROJECTA - the name that represents Excellence in Battery Maintenance and Battery Power'is today recognised as Australasia's leading brand of battery maintenance products with a particular emphasis on high quality practical commercial workshop equipment for heavy commercial and contracting vehicles. PROJECTA features a comprehensive range of products in eight categories including battery chargers, inverters, power management products, jump starters, booster cables battery terminals, battery maintenance products plus solar panels. Projecta products cater for ever expanding markets in the motor trade, transport, a range that is heralded as the most heavy construction equipment workshops, marine, mining and farming.

Two example products used on the recent OzRoamer Project Pajero are 12V 1000W Pure Sine Wave Inverter.

With a peak power output of an astonishing

2000W, the IP1000 is the ideal inverter for powering all your electrical needs that require ultra clean power. Ideal for permanent installation this sophisticated inverter is perfectly suited to caravans and trade requirements.

2000A 12V JUMPSTARTER AND POWER SUPPLY. A powerful 12V jumpstarter capable of starting large petrol and diesel engines often found in 4WD vehicles. Also offers a reliable source of portable 12V power for running camping lights and compressor fridges. The 2011/2013 Projecta catalogue illustrates comprehensive of its type ever to be released in Australasia and contains one of the widest ranges of high quality battery products of any brand around the world. Eight categories of Projecta products are catalogued encompassing detailed product information, specifications,



application guides plus clearly presented features assisting users in applications such as the original equipment manufacture of caravans, campervans, recreation and special purpose vehicles. Certified to ISO 9002 quality standard, the company is owned principally by the current management. Its slogan. More Switched On'is strongly promoted to ensure PROJECTA products live up to customers' expectations of better products at great prices. For further information on the extensive range visit www.projecta.com.au

For a copy of the latest PROJECTA catalogue email info@projecta.com.au or call 1800 113 443. www.projecta.com.au

#### Cooee water

Our goal is to provide fresh, clean and clear drinking water, through tailored water filter systems for your company, school or facility's individual needs. Proudly Australian owned and operated, we are local, providing five star quality water, greater hygiene on drinking systems, in both the products and the service we provide. Water filtration is what we do best.

Our water filter systems connect directly to your main water supply to provide you with an endless supply of drinking water, free of chlorine, water systems to suit all requirements taste, odours, chemicals, heavy metals and cysts. We also offer solutions for hot, cold, and ambient temperature water filters to suit your drinking preference.

We provide and install a range of water filter systems, including stand-alone water coolers, bubblers, mains-connected water coolers and boilers, ice machines and filters. Ideal for businesses, facilities or at home, we offer

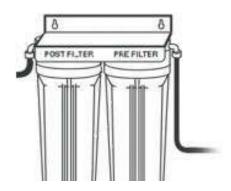
easy, affordable rental plans and professional installation on all products.

The benefits to you are: regular filter changes and sanitizing on all units, unlimited drinking timed saved by having instant boiling water , massive cost savings from bottled water, occupational health and safety issues fixed by no manual handlings, large variety to drinking We also supply a range of in-line filters for Motorhomes, camper trailers, caravans and for all camping needs.

Contact us on www.cooeewater.com.au or call 1300 026 633.

#### **Products**

**Products** 







#### OZROAMER DIRECTORY

## KORR Lighting LED Driving Lights

#### **Products**

KORR Lighting is an industry leader in the design, manufacture and supply of LED lighting in the retail lighting Industry. With over 3 decades of lighting experience, the KORR brand is Australia's market leader in LED.

KORR prides itself on delivering the highest quality LED products for the Boating, RV and Camping markets and customer service is paramount. All KORR products are designed and manufactured with the consumer in mind ensuring KORRs guarantee of quality and product guarantee

One of the latest innovations is the 90w LED Driving light. In typical KORR fashion it is quality throughout. Made from waterproof aircraft aluminium with a shock proof casing the KORR 90 w LED driving lights have a waterproof rating of IP 68. The kit comes complete with heavy duty alloy mounting brackets and as they are 10-30v they can be mounted on 4X4s, SUVs,

Trucks, Bobcats, Camper trailers, Caravans and Agricultural machinery. They feature a Softer light to prevent glare from road signs but have enormous coverage. They are also rated to 50,000hrs usage.

Features include:

- •90w LED pair
- •8000 Lumens each
- •LED Power: 90W (x2)
- •Operating Voltage: 10-30V DC
- •Waterproof rate: IP 68
- Vibration dampening shock absorbers
- •9pcs \*10w high intensity CREE-XML-1C/1D U3
- •Current draw: 12v/7.5amp; 24v/3.75amp
- •Color Temperature: 6000K
- •Material: High grade aircraft aluminium
- •Lens material: Polycarbonate lens
- Mounting Bracket: Stainless Steel
- •Beam: Euro
- •50000 hours above life time.



- Certificates: CE RoHs IP68
- Deutsch connectors
- 2 year warranty

Contact KORR Lighting directly on www.korrlighting.com.au

## **RV Towing Solutions**

#### **Products**

RV Towing Solutions are the sole importers of the Rock Tamers a fully adjustable & removable mud flap system that attaches to the standard 50mm draw bar of your vehicle. They are designed to protect caravans, camper trailers, boats, car trailers, horse floats etc. from damage caused by rocks and road debris.

The Rock Tamer comes in kit form which consists of a black powder coated forged alluminium hub and arms, stainless sleeved steel support rods, full length black rubber flaps with stainless steel trim plates. The cost of the Rock Tamer starts at \$420.00 per unit.

We have also released the Secure-A-Hitch anti rattle device. This patented device is easily fitted to all existing hollow shaft hitches with minimum fuss. We have a kit available for the solid tongue hitches as well as the complete hitch with the anti-rattle device inserted.

We are the agent for the EAZLIFT Weight Distribution Hitch and Sway Control bars. These hitches have been tested in Australia and are compliant with Australian Standards. These hitches come in 2 sizes with a range of shanks available.

We are the agent for the new McHitch Uniglide Trailer Coupling. These couplings are available for camper trailers, caravans and our outstanding value for the award winning design.

We are the agent for the Clearview Towing mirrors. The only full replacement towing mirror especially designed for towing caravans, boats and large trailers. The mirrors are available for a large range of vehicles including Toyota Landcruiser, Prado, GU Patrol, Nissan Navara/Pathfinder, Pajero etc. We developed the D.I.Y. SMART LINE, a simple do-it-yourself awning mounted clothes line for the smart caravaner. Made from marine grade stainless steel fittings and guaranteed not to rust!



This clothes line is light weight and easy to install. It can be fitted in seconds after initial 5 minute installation. The smart line is available in a wide range of sizes to suit all popular awnings and can also be made to measure for special sizes. The cost of this smart line starts at \$25.00. Contact us at <a href="www.rvtowingsolutions.com.au">www.rvtowingsolutions.com.au</a> or call Ph: 0244 715101 Mob: 0427 868 418.

#### **Axis Audioxtra**

Axis has expanded its range of Mobile Safety products with the introduction of its first range of plug-and-play vehicle accident recording cameras. Easy to install, configure and operate, the Axis range of DVR systems are a must for anyone as can help protect drivers from fraudulent claims and accident disputes.

journeys taken. This makes the cameras ideal for recreational drivers such as 4WD enthusiasts, parents who want to monitor the safety of younger drivers or commercial fleet managers who wish to keep track of employees while on to road. The Axis range of DVR systems utilises HD Cameras, Infrared Night Vision to ensure

Mounted on the inside of the car windscreen, the DVR systems can automatically detect any sudden changes in car movement through its G-Sensor, such as when an accident occur or when the car is parked or no driver is present, and immediately record the footage in high definition. The vehicle recorder can also loop record which continually records what is happening. This footage can then be used to provide evidence of who is at fault so that drivers can easily report incidents to police and insurance companies.

The range can also be set up to continuously capture road vision and users can playback

journeys taken. This makes the cameras ideal for recreational drivers such as 4WD enthusiasts, parents who want to monitor the safety of younger drivers or commercial fleet managers who wish to keep track of employees while on the road. The Axis range of DVR systems utilises HD Cameras, Infrared Night Vision to ensure high quality footage - even in poor light and Motion Detection which instantly triggers recording function. DVR 1092HD features: Single Camera, G-Sensor, High Resolution 1080p, 2 Inch Folding LCD, Night Vision with 8 Infrared LED, 120° Wide Angle Lens, HDMI/AV-Out Dual Video Output. Motion Detector

- Cycled Recording

DVR 2000GPS features: 5MP Single Camera, GPS Tracking, High Resolution 1080p, G-Sensor, 1.5" Inch LCD, Night Vision with Infrared LED, 132° Wide Angle Lens, HDMI/AV-Out Dual Video Outout.

#### **Products**



DVR F20S features: Dual Cameras, SOS Emergency Button, G, 720p Resolution, 2.7" Inch LCD, Night Vision with Infrared LED, 120° Wide Angle Lens, HDMI/AV Out Support, Motion Detector - Cycled Recording.

Axis spans over three decades of Australian ownership & operation. AXIS is proud to continue providing intelligent technology and exciting, practical solutions for Mobile Safety. <a href="https://www.audioxtra.com.au">www.audioxtra.com.au</a>



#### 4x4 equip **Products**

Based in Melbourne, Australia, 4x4 Equip Pty Ltd has grown from its humble beginnings producing Axe & Shovel Holders for friends and 4x4 Club members, into a dynamic company which manufactures and supplies many unique 4x4 and camping accessories.

The combination of local design and engineering expertise and camping / 4WDriving experience ensures you end up with innovative, high quality products that are extremely functional and well suited to our harsh Australian outback conditions! pole at one time if necessary). The company utilises CAD and maintains a full workshop set-up to design and manufacture unique, high quality products.

4x4 Equip also retails a range of general Camping Gear and FWD Recovery Equipment.

The Free Standing Light or Shower Pole and it's associated accessories are a great addition to your camping gear.

The Free Standing Light or Shower Pole attaches directly to either the Ground Peg or Battery Plate giving you the flexibility to place your shower or camp light in a location that suits you, including away from your vehicle. The Wire Light Holder and the Shower Arm can be interchanged at the top of the pole as necessary giving you the option of attaching your portable shower unit one minute and lighting your camping area the next. (you can even use both on the same

You can also mount your Shower Pole or Light Pole directly off your vehicle or camper with the aid of either our Horizontal or Vertical Mounting Brackets.

The Battery Plate can be used in conjunction with the 4x4 Equip 18Ah & 7Ah Portable Battery Packs to provide power for your light or shower too - check these products out under the Portable 12V Power section of our website.



The Clamp Wire Light Holder gives you the option of clamping your 12v light to anything rigid by the camp, on your 4WD or inside and outside your camper or caravan. So why not take a look at our products. You can buy through our Australia-wide retail network, or directly online if you can't find a retailer in your area. We look forward to hearing from you. www.4x4equip.com.au

#### **Ultimate Suspension**

The Ultimate Suspension is not just a brand, but a statement in innovation. We have been designing, manufacturing and installing high performance suspension systems since 1975. Our products have been tried and tested in countless off road competitions, relied upon in hostile environments and trusted by recreational drivers around the world. Ultimate Suspension is always built to a quality The Ultimate Suspension manufactures fully integrated suspension systems to suit individual vehicles and applications. This ensures the suspension upgrade will achieve the desired result and is correctly suited to the vehicle. Based in Sydney, Australia, The Ultimate Suspension's dedicated team will assist you in the design and installation of a suspension system that will suit your vehicle and application. Regardless of whether you have a daily driver, weekend worrier. touring vehicle or armoured personnel carrier; The Ultimate Suspension can help. With a range of options from standard height to raised kits, comfort,

heavy duty and GVM upgrades, the Ultimate Suspension is the correct solution for your vehicle. All Ultimate Suspension products have undergone rigorous testing and are constantly being developed and improved. Onsite testing and manufacturing capabilities ensure that the standard and not a compromise. Our products are also backed by the Ultimate Warranty (2ys/ Unlimited km on Shocks and lifetime on all springs) and industry leading customer support. The entire range of Ultimate Shock absorbers are now also rebuildable which means we can service or repair shocks even outside of the warranty period. This is a cost effective solution and means the shocks are no longer a throw away item. Professional installation can be provided through our Sydney workshop or numerous recommended installers around the country. If you are not located near one of our recommended installers, Ultimate Suspension products can be supplied direct for

#### **Products**



installation by a local mechanic.

With over 35 years experience as suspension specialists, you can rely on the Ultimate Suspension. "The Ultimate Suspension system is not just about springs and shocks. It is the complete concept of safety, comfort, performance and reliability that the tailored packages provide for all of your driving requirements."- Ken Okeefe, Bushranger Magazine 1991. www.ultimatesuspension.com.au

#### Workabout Australia



Workabout Australia is Australia's foremost online resource and planning tool for travelling workers, connecting travellers with casual, seasonal, part time and permanent work around Australia. weekly email bulletin. Founded in 1996 Workabout Australia has built up a network of contacts for employment opportunities in all states and territories of

Australia. The Workabout Australia Club has thousands of members who are already travelling or planning to set off on their trip of a life time, taking advantage of the many opportunities that are available for those who want to work. Travelling to Australia on a working holiday, or looking to relocate permanently? Our tips for travelling to Australia will help get you started. We also offer employers a fantastic, price effective alternative for advertising their positions vacant. For less than the cost of a single ad in the local paper our employers can list as many

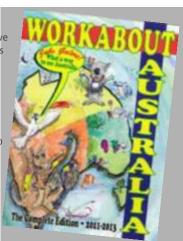
jobs as they need to for 12 months with their vacancies "hand delivered" to thousands of Workabout Australia Club Members in our

As a member based organisation our primary aim at Workabout Australia is to provide tangible benefits and support to our members as they travel Australia, or go through the planning process preparing for their trip of a lifetime. Once a member of Workabout Australia you will begin receiving the weekly email bulletin we send every Friday morning containing details of any new positions that have become available that week. The bulleting also contains hints and tips, member's stories and updates on any new deals or discounts being offered to members. To ensure maximum benefit to our members the positions listed in the weekly email bulletin are not made available in the public area of the

website until ten days after they are listed. This means that Members have first access to all new jobs on the website and that they are sent out in our weekly bulletin before being made available to non-members. Membership of the Workabout Australia Club also entitles you access to the secure Member's area of the website.



www.workaboutaustralia



Book

	DRIVETRAIN	FUEL	ENGINE	TRANSMISS.	POWER KW/RPM	<sup>T</sup> ORQUE NIN/RPIN	TOW CAPACITY	TOW BALL RATING	TOWING	OFFRON	RATING/20	
Audi Q3			ANCAP 5 Star		Warra	nty 3 year/Unlimite	ed km 3 year	Roadside Assi	stance			
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Audi Q5			ANCAP 5 Star		Warra	nty 3 year/Unlimite	ed km 3 year	Roadside Assi	stance			
Q5 2.0 TDI quattro Q5 2.0 TFSI quattro Q5 3.0 TDI quattro	AWD AWD	D P D	2.0L TDI 4 2.0L TSFI 4 3.0L TDI V6	7 Sp AT 8 Sp AT 7 Sp AT	130 @ 4,200 165 @ 4,500 180 @ 4,000	380 @ 1,750 350 @ 1,500 580 @ 1,400	2,000kg 2,000kg 2,000kg	200kg 200kg 200kg	7 7 7	4 4 4	11 11 11	
Audi Q7			ANCAP 4 Star		Warra	nty 3 year/Unlimite	ed km 3 year	Roadside Assi	stance			
Q7 3.0 TDI quattro Q7 3.0 TFSI quattro Q7 4.2 TDI quattro	AWD AWD	D P D	3.0L TDI 6 3.0L TFSI 6 4.2L TDI V8	8 Sp AT 8 Sp AT 8 Sp AT	180 @ 3,800 245 @ 5,500 250 @ 4,000	550 @ 1,750 440 @ 2,900 800 @ 1,750	3,200kg 3,200kg 3,500kg	300kg 300kg 300kg	8 8 8	4 4 4	12 12 12	
BMW X1	X1 ANCAP 5 Star Warranty 3 year/Unlimited km 3 year Roadside Assistance											
X1 xDrive20d X1 xDrive28i	AWD AWD	D P	2.0d 4 2.8i 4	6 Sp MT 6 Sp MT	135 @ 4,000 180 @ 5,000	380 @ 1,750 350 @ 1,250	2,000kg 2,000kg	200kg 200kg	7 7	4 4	11 11	
BMW X3		ı	ANCAP 5 Star		Warra	nty 3 year/Unlimite	ed km 3 year	Roadside Assi	stance			
X3 xDrive 20d X3 xDrive 20i X3 xDrive 28i X3 xDrive 30d	AWD AWD AWD	D P P D	2.0d 4 2.0i 4 2.0i 4 3.0d 6	8 Sp AT 8 Sp AT 8 Sp AT 8 Sp AT	135 @ 4,000 135 @ 5,000 180 @ 5,000 190 @ 4,000	380 @ 1,750 270 @ 1,250 350 @ 1,250 560 @ 1,500	2,000kg 2,000kg 2,000kg 2,000kg	200kg 200kg 200kg 200kg	7 7 7 7	4 4 4 4	11 11 11 11	
BMW X5		,	ANCAP 5 Star		Warra	nty 3 year/Unlimite	ed km 3 year	Roadside Assi	stance			
X5 xDrive 30d X5 xDrive 35i X5 xDrive 40d Sport X5 xDrive M50d	AWD AWD AWD AWD	D P D P	3.0d 6 3.0i 6 3.0d 6 3.0d 6	8 Sp AT 8 Sp AT 8 Sp AT 8 Sp AT	190 @ 4,000 225 @ 5,800 230 @ 4,000 280 @4,000	560 @ 1,500 400 @ 1,200 630 @ 1,500 740 @ 2,000	2,700kg 2,700kg 2,700kg 2,700kg	270kg 270kg 270kg 270kg	8 8 8	5 5 5 5	13 13 13 13	
Ford Kuga Kuga TF Titanium	AWD	D	ANCAP 5 Star 2.0DT 4	6 Sp AT	120 @ 4,000	nty 3 year/Unlimite 340 @ 1,750	1,500kg	150kg	stance 6	4	10	
Ford SZ Territory	AVVD		ANCAP 5 Star	0 3p Ai		nty 3 year/100,000				4	10	
Territory Titanium AW	D AWD	D	2.7L V6 CRD	6 Sp AT	140 @ 4,000	440 @ 1,900	2,700kg	270kg	8	6	14	
Ford Ranger Ute			ANCAP 5 Star		Warra	nty 3 year/100,000	) km 1 year R		tance			
Ranger XL 4X4 CC Ranger Wildtrak 4x4 CC	4WD C 4WD	D D	2.2L TD 4 3.2L TD 5	6 Sp MT 6 Sp AT	110 @ 3,700 147 @ 3,000	375 @ 1,500 470 @ 1,500	3,500KG 3,500KG	350Kg 350Kg	10 10	10 10	20 20	
Ford F250		1	ANCAP N/A		Warra	nty 3 year/100,000	) km 3 year R	Roadside Assis	tance			
Ford F250 Superduty	4WD	D	6.7L V8	6 Sp AT	302 @ 2,800	1085 @ 1,600	6,500Kg	600Kg	10	10	20	
Foton Tunland	4)		ANCAP 3 Star			nty 3 year/100,000		0571				
Tunland Dual Cab	4WD	D	2.8L TD 4	5 SP MT	120 @ 3,600	360 @ 1,800	2,500kg	250kg	7	7	14	



	N			Slow	VIRPM	M/RPM	X ES	RATING	5	BILITY	ABILITY
	DRIVE TRAIN	FUEL	ENGINE	TRANSMISSION	POWER KW/RPM	TORQUE NIM/RPIN	TOW CAPACITY	TOW BALL RATING	TOWING	OFF ROA	RATING/20
Great Wall		Å	ANCAP 2 Star		Warra	nty 3 year/100,000	) km 3 year R	Roadside Assis	tance		
V240 K2 Utility X240	4WD 4WD	P P	2.41 4 2.41 4	5 SP MT 5 SP MT	100 @ 5,250 100 @ 5,250	200 @ 3,000 200 @ 3,000	2,000kg 1,700kg	200kg 170kg	6 5	6 5	12 10
Holden Captiva		F	ANCAP 5 Star		Warra	nty 3 year/100,000	) km 1 year R	Roadside Assis	tance		
Captiva 5 LTZ Captiva 7 LX	AWD AWD	D D	2.2L CRD 4 2.2L CRD 4	6 Sp AT 6 Sp AT	135 @ 3,800 135 @ 3,800	400 @ 2,000 400 @ 2,000	1,700kg 1,700kg	N/S N/S	6	5 5	11 11
Holden Colorado7		A	ANCAP 5 Star		Warra	nty 3 year/Unlimite	ed km 3 year	Roadside Ass	istance		
Colorado7 LTZ	4WD	D	2.8L CRD 4	6 Sp AT	147 @ 3,600	500 @ 2,000	3,000kg	300kg	9	9	18
Holden Colorado		A	ANCAP 5 Star		Warra	nty 3 year/Unlimite	ed km 3 year	Roadside Ass	istance		
Colorado 4X4 CC LTZ	4WD	D	2.8L CRD 4	6 Sp AT	147 @ 3,600	500 @ 2,000	3,500kg	350kg	10	10	20
Honda CRV		ļ	ANCAP 5 Star		Warra	nty 3 year/100,000	) km				
CRV VTi-L	AWD	Р	2.4L 4	5 Sp AT	140 @ 7,000	222 @ 4,400	1,500kg	100kg	5	4	9
Hyundai ix35		F	ANCAP 5 Star		Warra	nty 5 year/Unlimite	ed km 1 year	Roadside Ass	istance		
ix35 2.4 Elite ix35 2.2 Highlander	AWD AWD	P D	2.4L 4 2.0 CRDi 4	6 Sp AT 6 Sp AT	136 @ 6,000 135 @ 4,000	240 @ 4,000 392 @ 1,800	1,600kg 1,600kg	140kg 140kg	6	6 6	12 12
Hyundai Sante Fe		A	ANCAP 5 Star		Warra	nty 5 year/Unlimite	ed km 1 year	Roadside Ass	istance		
Santa Fe GDI Active Santa Fe Elite Santa Fe Highlander	AWD AWD	P D D	2.4L GDI 4 2.2L CRDi 4 2.2L CRDi 4	6 Sp MT 6 Sp MT 6 Sp AT	141 @ 6,300 145 @ 3,800 145 @ 3,800	242 @ 4,250 421 @ 1,800 436 @ 1,800	2,500kg 2,500kg 2,000kg	100kg 100kg 100kg	6 6 5	7 7 7	13 13 12
Isuzu MU-X		A	ANCAP 4 Star		Warra	nty 3 year/100,000	) km Year Ro	adside Assista	nce		
MU-X LS-M	AWD	D	3.0L CRD 4	5 Sp AT	130 @ 3,600	380 @ 1,800	3,000kg	300kg	9	9	18
Isuzu		ļ	ANCAP 4 Star		Warra	nty 3 year/100,000	) km Year Ro	adside Assista	nce		
D Max LS D Max LS-U	4WD 4WD	D D	3.0L CRD 4 3.0L CRD 4	5 Sp MT 5 Sp AT	130 @ 3,600 130 @ 3,600	380 @ 1,800 380 @ 1,800	3,000kg 3,000kg	300kg 300kg	9	10 10	19 19
Jeep Patriot		F	ANCAP N/A		Warra	nty 3 year/100,000	) km 3 year R	Roadside Assis	tance		
Patriot Limited	4WD	Р	2.4L 4	6 Sp AT	125 @ 6,000	220 @ 4,500	1,500KG	150KG	6	6	12
Jeep Wrangler		F	ANCAP 4 Star		Warra	nty 3 year/100,000	) km 3 year R	Roadside Assis	tance		
Wrangler Sport Wrangler Sport Diesel Wrangler Rubicon	4WD 4WD 4WD	P D P	3.8L V6 2.8L CRD 4 3.8L V6	5 Sp AT 6 Sp MT 6 Sp MT	209 @ 6,350 147 @ 3,600 209 @ 6,350	347 @ 4,300 410 @ 2,200 347 @ 4,300	2,200kg 2,300kg 2,300kg	220kg 230kg 230kg	7 7 7	9 9 10	16 16 17
Jeep Wrangler Unlimite	ed	A	ANCAP 4 Star		Warra	nty 3 year/100,000	) km 3 year R	Roadside Assis	tance		
Wrangler Unlimited Sport	4WD	Р	3.8L V6	5 Sp AT	209 @ 6,350	347 @ 4,300	2,200kg	220kg	7	9	16
Wrangler Unlimited Sport Diesel Wrangler Unlimited Rubicon	4WD	D P	2.8L CRD 4 3.8L V6	6 Sp MT 6 Sp MT	147 @ 3,600 209 @ 6,350	410 @ 2,200 347 @ 4,300	2,300kg 2,300kg	230kg 230kg	7	9	16 17



		>		NO.	RPM	VRPM	¥	ATIMO	2	LITY	BILITY
	DRIVE TRAIN	FUEL	ENGINE	TRANSMISSION	POWER KW/RPM	TORQUE NIM/RPIN	TOW CAPACITY	TOW BALL RATING	TOWING	OFF ROS	RATIME ABILITY
Jeep Cherokee		Þ	ANCAP 5 Star			nty 3 year/100,000					
Cherokee Longitude Cherokee Trailhawk	AWD 4WD	P P	3.2L V6 3.2L V6	9 SP AT 9 SP AT	130 @ 6,200 200 @ 6,500	316 @ 4,800 460 @ 1,600	2,200 kg 2,200 kg	220 kg 220 kg	7 7	7 9	14 16
Jeep Grand Cherokee	Р	F	ANCAP 4 Star		Warra	nty 3 year/100,000	0 km 3 year R	oadside Assis	tance		
Grand Cherokee Laredo	4WD	Р	3.6L V6	5 Sp AT	210 @ 6,350	347 @ 4,300	2,812 kg	281 kg	8	9	17
Grand Cherokee Overland	4WD	D	3.0L CRD 4	5 Sp AT	184 @ 4,000	570 @ 1,800	3,500 kg	350 kg	10	9	19
KIA Sportage		Þ	ANCAP 5 Star		Warra	nty 5 year/Unlimite	ed km				
Sportage SLI Sportage Platinum	AWD AWD	P D	2.0L 4 2.0L CRDi 4	6 Sp AT 6 Sp AT	122 @ 6,200 135 @ 4,000	197 @ 4,600 392 @ 1,800	1,600 kg 1,600 kg	200 kg 200 kg	7 7	6 6	13 13
KIA Sorento		F	ANCAP 5 Star		Warra	nty 5 year/Unlimite	ed km				
Sorento SLI Sorento Platinum	AWD AWD	D D	2.2L CRDi 4 2.2L CRDi 4	6 Sp MT 6 Sp AT	145 @ 3,800 145 @ 3,800	422 @ 1,800 436 @ 1,800	2,500kg 2,000kg	120kg 120kg	6 6	7 7	13 13
_and Rover Freelande	r 2	Þ	ANCAP 5 Star		Warra	nty 3 year/100,000	0 km 3 year R	oadside Assis	tance		
Freelander 2 TD4 Freelander 2 XS Freelander 2 HSE	AWD AWD	D P D	2.2L TD 4 2.0 Si4 2.2L DT 4	6 Sp MT 6 Sp AT 6 Sp AT	110 @ 4,000 177 @ 5,500 140 @ 5,500	420 @ 1,750 340 @ 1,750 420 @ 1,750	2,000kg 2,000kg 2,000kg	200kg 200kg 200kg	7 7 7	7 7 7	14 14 14
_and Rover Defender		F	ANCAP N/A		Warra	nty 3 year/100,000	0 km 3 year R	oadside Assis	tance		
Defender 90 Defender 110	4WD 4WD	D D	2.2L DT 4 2.2L DT 4	6 Sp MT 6 Sp MT	90 @ 3,500 90 @ 3,500	360 @ 2,000 360 @ 2,000	3,500kg 3,500kg	250kg 250kg	8	10 10	18 18
Land Rover Discovery	4	F	ANCAP 4 Star	Warranty 3 year/100,000 km 3 year Roadside Assistance							
Discovery 4 TDV6 Discovery 4 V8	4WD 4WD	D P	3.0L TD V6 5.0L V8	8 Sp AT 6 Sp AT	155 @ 4,000 276 @ 6,500	520 @ 2,000 510 @ 3,500	3,500kg 3,500kg	350kg 350kg	10 10	10 10	20 20
Lexus RX		A	ANCAP 5 Star		Warra	nty 4 yearr / 100,0	00 km 4 year	ear Roadside	Assista	nce	
RX 350 Sport Luxury RX 450h Sport Luxury	AWD AWD	P P	3.5L V6 3.6L V6 Hyb	6 Sp AT CVT Auto	204 @ 6,200 183 @ 6,000	346 @ 4,700 317 @ 4,800	1,400kg 1,500kg	140kg 150kg	6 6	3	9
_exus LX		F	ANCAP 4 Star		Warra	nty 4 yearr / 100,0	00 km 4 year	ear Roadside	Assista	nce	
LX 570 Sport Luxury	4WD	Р	5.7L V8	6 Sp AT	270 @ 5,600	530 @ 3,200	3,500kg	350kg	10	10	20
Mahindra		F	ANCAP 3 Star		Warra	nty 3 year/100,000	0 km 3 year R	oadside Assis	tance		
PIK UP S5 XUV 500	4WD 4WD	D D	2.2DT4 2.2DT4	5 SP MT 5 SP MT	89 @ 4,000 104 @ 3,750	270 @ 2800 380 @ 2,800	2,500kg 2,500kg	250kg 250kg	7 7	6	13 13
Mazda CX5		F	ANCAP 5 Star		Warra	nty 3 year/100,000	) km				
CX5 Maxx Sport CX5 Grand Touring CX5 Grand Touring	AWD AWD	P P D	2.0L 4 2.5L 4 2.2L D 4	6 Sp AT 6 Sp AT 6 Sp AT	114 @ 6,000 138 @ 5,700 129 @ 4,500	200 @ 4,000 250 @ 4,000 420 @ 2,000	1,800kg 1,800kg 1,800kg	150kg 150kg 150kg	7 7 7	6 6 6	13 13 13



	DRIVE TRAIN	FUEL	ENGINE	TRANSMISSION	POWER KW/RPM	TORQUE NW/RPW	70W CAPACITY	TOW BALL RATING	TOWING	OFF ROAT	RATING/20
Mazda BT-50		F	ANCAP 5 Star		Warra	nty 3 year/100,000	) km				
BT-50 XT BT-50 GT	4WD 4WD	D D	3.0L DT 4 3.0L DT 4	6 Sp MT 6 Sp AT	147 @ 3,000 147 @ 3,000	470 @ 1,750 470 @ 1,750	3,500kg 3,500kg	350kg 350kg	10 10	10 10	20 20
Mercedes Benz ML		F	ANCAP 5 Star		Warra	nty 3 year/Unlimite	ed km 3 year	Roadside Assi	stance		
ML 250 BlueTEC ML 350 BlueTEC ML 500	AWD AWD	D D P	2.1L CDi 4 3.5L V6 5.5L V8	7 Sp AT 7 Sp AT 7 Sp AT	150 @ 4,200 190 @ 3,600 300 @ 6,000	500 @ 1,400 620 @ 1,600 600 @ 2,800	3,500kg 3,500kg 3,500kg	225kg 225kg 225kg	7 7 7	7 7 7	14 14 14
Mercedes Benz GL		F	ANCAP 5 Star		Warra	nty 3 year/Unlimite	ed km 3 year	Roadside Assi	stance		
GL 350 BlueTEC GL 500 Blue Efficiency	4WD 4WD	D P	3.0L CDi V6 5.5L V8	7 Sp AT 7 Sp AT	190 @ 3,600 320 @ 5,200	620 @ 1,600 700 @ 1,800	3,500kg 3,500kg	273kg 273kg	8	8	16 16
Mercedes Benz G		Þ	ANCAP N/A		Warra	nty 3 year/Unlimite	ed km 3 year	Roadside Assi	stance		
G 350 BlueTEC G 63 AMG	4WD 4WD	D P	3.0L V6 5.5L V8	7 Sp AT 5 Sp AT	155 @ 3,400 400 @ 5,500	540 @ 1,600 700 @ 2,000	2,850kg 3,500kg	285kg 350kg	7 10	8 8	15 18
MINI Countryman	ANCAP 5 Star Warranty 3 year/Unlimited km 3 year Roadside Assistance										
Cooper D ALL4 Countryman	AWD	D	2.0L 4	6 Sp MT	105 @ 4,000	305 @ 1,750	1,000Kg	100Kg	5	4	9
Mitsubishi ASX		F	ANCAP 5 Star		Warra	nty 5 year/ 100,00	0 km 5Year R	Roadside Assis	tance		
ASX 4WD Aspire ASX 4WD Aspire	AWD AWD	D P	2.2L TD 4 2.0L 4	6 Sp MT CVT Auto	110 @ 4,000 110 @ 6,000	300 @ 2,000 197 @ 4,200	1,400kg 1,300kg	140kg 130kg	5 5	5 5	10 10
Mitsubishi Outlander		A	ANCAP 5 Star		Warra	nty 5 year/ 100,00	0 km 5Year R	Roadside Assis	tance		
Outlander LS Outlander VRX	AWD AWD	D P	2.2L 4 2.4L 4	6 Sp AT CVT Auto	110 @ 3,500 124 @ 6,000	360 @ 1,500 220 @ 4,200	2,000kg 1,600kg	200kg 160kg	7 6	6 6	13 12
Mitsubishi Challenger		A	ANCAP 4 Star		Warra	nty 5 year/ 100,00	0 km 5Year R	Roadside Assis	tance		
Challenger Challenger LS	4WD 4WD	D D	2.5L DiD 4 2.5L DiD 4	5 Sp MT 5 Sp AT	131 @ 4,000 131 @ 4,000	400 @ 2,000 350 @ 1,800	3,000kg 3,000kg	300kg 300kg	9	10 10	19 19
Mitsubishi Pajero		F	ANCAP 5 Star		Warra	nty 5 year/ 100,00	0 km 5Year R	Roadside Assis	tance		
Pajero GLS Pajero Exceed	4WD 4WD	D D	3.2L DiD 4 3.2L DiD 4	5 Sp MT 5 Sp AT	147 @ 3,800 147 @ 3,800	441 @ 2,000 441 @ 2,000	3,000kg 3,000kg	250kg 250kg	8	10 10	18 18
Mitsubishi Triton		F	ANCAP 4 Star		Warra	nty 5 year/ 100,00	0 km 5Year R	Roadside Assis	tance		
Triton GLX Triton GLXR	4WD 4WD	D D	2.5L DiD 4 2.5L DiD 4	5 Sp MT 5 Sp AT	131 @ 4,000 131 @ 4,000	400 @ 2,000 350 @ 1,800	3,000kg 3,000kg	300kg 300kg	9	10 10	19 19
Nissan Pathfinder*		F	ANCAP 5 Star		Warra	nty 3 year/100,000	) km 3 year R	Roadside Assis	ance		
Pathfinder STL	4WD	D	3.5L V6	CVT Auto	190 @ 6,400	325 @ 4,400	2,700kg	200kg	6	7	13
Nissan X-Trail*		F	ANCAP 4 Star		Warra	nty 3 year/100,000	) km 3 year R	Roadside Assis	ance		
X-Trail STL	4WD	Р	2.5L 4	6 Sp MT	125 @ 6,000	226 @ 4,400	2,000kg	200kg	6	6	12



	DRIVE TRAIN	A	NE	TRANSMISSI	POWER KW/RPM	TORQUE MM/RPM	TOW CAPACITY	TOW BALL RATING	TOWING	ROAL	RATING/20
	DRIL	FUEL	ENGINE	TRA	POW	TORC	TOW	TOW	TOW	OFF.	RATI
X-Trail TL	4WD	D	2.0L TD 4	6 Sp AT	127 @ 3,750	360 @ 2,000	1,350kg	200kg	5	6	11
Nissan Patrol*		F	ANCAP 5 Star		Warra	nty 3 year/100,000	km 3 year R	oadside Assis	tance		
Patrol TI	4WD	Р	5.5L V8	7 Sp AT	298 @ 5,800	560 @ 4,000	3,500kg	350kg	9	10	19
Nissan Patrol Cab Cha	assis*	F	ANCAP3 Star		Warra	nty 3 year/100,000	km 3 year R	oadside Assis	tance		
Patrol Cab Chassis ST	4WD	D	3.0L TD 4	5 Sp MT	118 @ 3,400	380 @ 2,000	3,200kg	320kg	8	10	18
Nissan Navara*		P	ANCAP 5 Star		Warra	nty 3 year/100,000	km 3 year R	oadside Assis	tance		
Navara ST	4WD	D	2.5L 4	6 Sp MT	140 @ 4,000	430 @ 2,000	2,000kg	200kg	7	9	16
Navara ST-X 550	4WD	D	3.0L V6	7 Sp AT	170 @ 3,750	550 @ 1,750	3,000kg	300kg	8	9	17
Peugeot 4007		F	ANCAP N/A		Warra	nty 3 year/100,000	km 3 year R	oadside Assis	tance		
4007 HDI	AWD	D	2.2L TD 4	6 Sp DSG	115 @ 4,000	380 @ 2,000	2,000kg	160kg	6	6	12
Porsche Cayenne		F	ANCAP N/A		Warra	nty 3 year/Unlimite	ed km 3 year	Roadside Assi	stance		
Cayenne	4WD	Р	3.6L V6	8 Sp AT	220 @ 6,300	400 @ 3,000	3,500kg	N/S	8	8	16
Cayenne Diesel	4WD	D	3.0L TD 6	8 Sp AT	180 @ 4,000	550 @ 2,000	3,500kg	N/S	8	8	16
Cayenne GTS	4WD	Р	4.8L V8	8 Sp AT	309 @ 6,500	515 @ 3,500	3,500kg	N/S	8	8	16
Range Rover Sport			ANCAP 5 Star			nty 3 year/100,000					
Sport SDV6 Sport V8 Luxury	4WD 4WD	D P	3.0L TD V6 5.0L V8	8 Sp AT 8 Sp AT	215 @ 4,000 276 @ 6,500	600 @ 2,000 510 @ 3,500	3,500kg 3,500kg	350kg 350kg	10 10	8	18 18
Range Rover Vogue	700		ANCAP 5 Star	ООРА		nty 3 year/100,000					10
	4)V/D		4.4L V8	0 Co AT						10	20
Vogue SDV8 Vouge V8	4WD 4WD	D P	4.4L Vo 5.0L V8	8 Sp AT 8 Sp AT	230 @ 4,000 375 @ 6,500	700 @ 3,000 625 @ 5,500	3,500kg 3,500kg	350kg 350kg	10 10	10 10	20
Renault Koleos		F	ANCAP 5 Star	·		nty 5 year/Unlimite		Roadside Assis	stance		
Koleos Privilege	AWD	Р	2.5L 4	CVT Auto	126 @ 6,000	226 @ 4,400	2,000kg	200kg	7	6	13
Skoda Yeti		F	ANCAP 4 Star			nty 3 year/Unlimite			stance		
Yeti 4x4	AWD	D	2.0L	6 Sp DSG	103 @ 4,200	320 @ 2,500	1,600kg	100kg	4	6	10
Skoda Octavia Scout			ANCAP 4 Star			nty 3 year/Unlimite					
Octavia Scout	AWD	D	2.0L TD 4	6 Sp MT	103 @ 4,200	320 @ 2,500	1,600kg	75kg	4	6	10
Ssangyong Actyon Sp	ort	F	ANCAP 4 Star	·		nty 5 year/ 100,00					
Actyon Sport Ute SX	4WD	D	2.0L TD 4 Cyl	6 Sp AT	114 @ 3,400	360 @ 2,800	2,300kg	230kg	7	7	14
Ssangyong Korando			ANCAP N/A			nty 5 year/ 100,00					
Korando SX	AWD	D	2.0L DT 4	6 Sp AT	129 @ 4,000	360 @ 3,000	2,000kg	203kg	6	6	12
Subaru XV	,5		ANCAP 5 Star			nty 3 year/Unlimite					
XV 2.0i-S	AWD	P	2.0L H 4	CVT Auto	110 @ 6,200	196 @ 4,200	1,400kg	140kg	6	5	11
Subaru Forester	7.440		ANCAP 5 Star	OVI Auto		nty 3 year/Unlimite					
			ANCAP 5 Stal		VValla	nty 5 year/orinifile	eu Kiii 5 year i	Hoadside Assi	Starice		



	DRIVE TRAIN	FUEL	ENGINE	TRANSMISSION	POWER KW/RPM	TORQUE NIM/RPM	70W CAPACITY	TOW BALL RATING	TOWING	OFF ROAD	RATING/20			
Forester XT Forester 2.5i-L Forester 2.0 D	AWD AWD	P P D	2.5L TH 4 2.5L TH 4 2.0L TDH 4	CVT Auto CVT Auto 6 Sp MT	177 @ 5,600 126 @ 5,800 108 @ 3,600	350 @ 1,600 235 @ 4,100 350 @ 1,600	1,500kg 1,800kg 1,800kg	150kg 180kg 180kg	6 6 6	7 7 7	13 13 13			
Subaru Outback		А	NCAP 5 Star			nty 3 year/Unlimite	ed km 3 year F	Roadside Assi	stance					
Outback 2.5i Premium Outback 3.6 R Premiur Outback 2.0 Diesel		P P D	2.5L H 4 3.6L H 6 2.0L TDH 4	CVT Auto 5 Sp AT CVT Auto	127 @ 5,600 191 @ 5,600 110 @ 3,600	235 @ 4,100 350 @ 4,400 350 @ 1,800	1,500kg 1,800kg 1,700kg	150kg 180kg 170kg	6 7 7	6 6 6	12 13 13			
Suzuki Jimny Sierra		А	NCAP N/A		Warranty 3 year/100,000 km									
Jimny Sierra Jimny Sierra	4WD 4WD	P P	1.3L 4 Cyl 1.3L 4 Cyl	5 Sp MT 4 Sp AT	62 @ 6,000 62 @ 6,000	110 @ 4,100 110 @ 4,100	1,300kg 1,300kg	75kg 75kg	4	9 9	13 13			
Suzuki Grand Vitara		А	NCAP 4 Star		Warranty 3 year/100,000 km									
Grand Vitara 3 door Grand Vitara Sport Grand Vitara Diesel	4WD 4WD 4WD	P P D	2.4L 4 2.4L 4 1.9L TD 4	5 Sp MT 5 Sp MT 5 Sp MT	122 @ 6,000 122 @ 6,000 95 @ 3,750	225 @ 4,000 225 @ 4,000 300 @ 2,000	1,600kg 1,850kg 2,000kg	130kg 150kg 150kg	5 6 6	9 8 8	14 14 14			
Tata Xenon		А	NCAP N/A		Warraı	nty 3 year/100,000	) km 3 year Ro	oadside Assist	ance					
Xenon Premium	4WD	D	2.2DT 4	5 Sp MT	103 @ 4,000	320 @ 2,700	2,500kg	250kg	7	7	14			
Toyota Rav 4		А	NCAP 5 Star		Warrar	nty 3 year/100,000	) km 3 year Ro	oadside Assist	ance					
Rav 4 Cruiser Rav 4 Cruiser L	AWD AWD	D P	2.2L 4 3.0L 4	6 Sp AT 6 Sp AT	110 @ 3,600 132 @ 6,000	340 @ 2,000 223 @ 4,100	1,000kg 1,500kg	100kg 150kg	4 6	6 6	10 12			
Toyota FJ Cruiser		А	NCAP N/A		Warrar	nty 3 year/100,000	) km 3 year Ro	oadside Assist	ance					
FJ Cruiser	4WD	Р	4.0L V6	5 Sp AT	200 @ 5,600	380 @ 4,400	2,250kg	225kg	7	10	17			
Toyota Kluger			NCAP 5 Star			nty 3 year/100,000								
Kluger Grande	AWD	Р	3.5L V6	5 Sp AT	201 @ 2,600	337 @ 4,700	2,000kg	200kg	7	6	13			
Prado GXL Prado Kakadu	4WD	P D	4.0L V6 3.0L DiD 4	5 Sp AT 5 Sp AT	202 @ 5,600 127 @ 3,400	381 @ 4,400 410 @ 1,600	2,500kg 2,500kg	250kg 250kg	7 7	10 10	17 17			
Toyota Landcruiser 200	)		NCAP 5 Star			nty 3 year/100,000								
Landcruiser 200 GXL Landcruiser 200 Sahar		P D	4.7L V8 4.5L DiD V8	6 Sp AT 6 Sp AT	227 @ 5,500 195 @ 3,400	439 @ 3,400 650 @ 2,600	3,500kg 3,500kg	350kg 350kg	10 10	10 10	20 20			
Toyota Hilux		Α	NCAP 4 Star		Warra	nty 3 year/100,000	) km 3 year Ro	oadside Assist	ance					
Hilux SR5 Hilux SR	4WD 4WD	D P	3.0L TD 4 4.0L V6	5 Sp AT 5 Sp AT	126 @ 3,600 175 @ 5,200	343 @ 3,400 376 @ 4,800	2,500kg 2,500kg	250kg 250kg	7 7	8 8	15 15			
Toyota Landcruiser 70		Α	NCAP 3 Star		Warra	nty 3 year/100,000	) km 3 year Ro	oadside Assist	ance					
70 GXL Dual CC 70 GXL Wagon	4WD 4WD	D D	4.5L TD V8 4.5L TD V8	5 Sp MT 5 Sp MT	151 @ 3,400 151 @ 3,400	430 @ 3,200 430 @ 3,200	3,500kg 3,500kg	350kg 350kg	10 10	10 10	20 20			



	DRIVE TRAIN	FUEL	ENGINE	TRANSMISSION	POWER KW/RPM	TORQUE NM/RPM	TOW CAPACITY	70W BALL RATING	TOWING	OFF RO.	RATING/20		
Volkswagen Tiguan		A	NCAP 5 Star		Warra	nty 3 year/Unlimite	ed km 3 year	Roadside Ass	istance				
Tiguan 103 TDi Tiguan 132 Tsi	AWD AWD	D P	2.0L TD 4 2.0L TSi 4	6 Sp MT 6 Sp AT	103 @ 4,200 132 @ 4,300	320 @ 2,500 280 @ 1,700	2,000kg 2,000kg	100kg 100kg	4	5 5	9		
Volkswagen Amarok		A	NCAP 5 Star		Warra	nty 3 year/Unlimite	ed km 3 year	Roadside Ass	istance				
Amarok Trendline	AWD	D	2.0L TDi 4	6 Sp MT	132 @ 4,000	400 @ 2,500	3,000kg	300kg	7	6	13		
Volkswagen Touareg		A	NCAP 5 Star		Warranty 3 year/Unlimited km 3 year Roadside Assistance								
Touareg 150	AWD	D	3.0L V6	8 Sp AT	150 @ 4,000	400 @ 2,000	3,500kg	N/S	7	6	13		
Volvo XC60		A	NCAP 5 Star		Warra	nty 3 year/Unlimite	ed km 3 year	Roadside Ass	istance				
XC60 T5 XC60 D5 XC60 T6	AWD AWD AWD	P D P	2.0L T 4 2.4L TD 5 3.0L T 6	6 Sp DSG 6 Sp AT 6 Sp AT	177 @ 5,500 158 @ 4,000 224 @ 5,600	320 @ 5,000 440 @ 1,500 440 @ 4,800	1,800kg 2,000kg 2,000kg	150kg 150kg 150kg	6 6	6 6 6	12 12 12		
Volvo XC70		Α	NCAP 5 Star		Warra	nty 3 year/Unlimite	ed km 3 year	Roadside Ass	istance				
XC70 3.0 XC70 D5	AWD AWD	P D	3.0L T 6 2.4L TD 5	6 Sp AT 6 Sp AT	224 @ 5,600 158 @ 4,000	320 @ 3,200 440 @ 1,500	2,000kg 2,100kg	150kg 150kg	6 6	6 6	12 12		
Volvo XC90		A	NCAP 5 Star		Warra	nty 3 year/Unlimite	ed km 3 year	Roadside Ass	istance				
XC90 3.2 XC90 D5	AWD AWD	P D	3.2L T 6 2.4L TD 5	6 Sp AT 6 Sp AT	179 @ 6,400 147 @ 3,900	320 @ 3,200 420 @ 1,900	2,250kg 2,250kg	180Kg 180Kg	6	6	12 12		

#### Notes

4WD is where the vehicle has a dual range transfer case i.e. high and low range. AWD is where the vehicle had a single range

We obviously have not covered every 4WD or AWD SUV however have selected models that show the range

If the only difference between models is cosmetic we have only rated one model in the range

All information is believed to be correct at the time of printing. However you should make your own enquiries and satisfy yourself of any information contained above before acting on it.

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Safety Star Ratings are from www.ancap.com.au

Ratings may differ to the articles as they are written by different authors

\*Some Manufacturers eg: Nissan, require you to reduce the vehicles GVM for maximum tow ball rating





# 4WD&SUV

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