



# SOUTHERN TRAILS

## ISSUE 407, September 2013



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The Editor

**General meetings are held at the Canberra Deakin Football Club, Grose St, Deakin at 7.30 pm on the second Tuesday of each month.**

## Next Meeting is the 10th of September 2013

**The deadline for material to be included in the next issue of *Southern Trails* is the Friday following the General Meeting 13th of September 2013**

**This month's magazine has been compiled by Brenden Taylor**

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The opinions expressed in the articles and letters in this magazine are not necessarily those of the The Southern Tablelands Four Wheel Drive Club.

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Trip reports & articles of interest are very welcome. Contributions may be edited.

**We gratefully acknowledge the support given to this magazine by our advertisers and encourage our readers to support and patronise them whenever possible.**

# SOUTHERN TABLELANDS FOUR WHEEL DRIVE CLUB INC.



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**General Meetings** are held at the

**Canberra Deakin Sports Club, Grose St, Deakin**

at 7.30pm on the second Tuesday of each month.

General Meetings are a focal point of the Club where members can meet and get information about past and future Club activities. Meetings are structured with a minimum of formality. Meetings regularly feature talks from experts on topics of interest ranging from vehicle mechanics to bush lore. Reports on past trips are presented and new trips are announced. Visitors introduce themselves, there is a raffle with generous prizes and a coffee break for catching up with other members. Don't forget to wear your name badge.

Ideas for guest speakers are welcome. Contact Glen Watts if you know of someone who could make an interesting and topical presentation.

Many members gather before and after the meeting to enjoy a meal or drink at the Canberra Deakin Sports Club.

### Publications

**Website** [www.st4wdc.org](http://www.st4wdc.org). The site is used to provide timely information regarding Club activities and variations from previously announced plans. Especially, check for any last minute variations to trips you are undertaking.

**Southern Trails** is the ST4WD Club monthly magazine.

Trip reports, and articles that are relevant to Club members are welcome, as are photographs and illustrations.

Closing date for all material is the Friday following the monthly meeting. Send contributions to [publications@st4wdc.org](mailto:publications@st4wdc.org)

### Talooge Park

Talooge is the Club's 700+ ha bush block in rugged country east of Bredbo. It is used for club activities and members are welcome there for camping and enjoying the bush. Areas are set aside for basic bush camping. Some have firewood, but no other services – no water, no electricity, no phone, very limited mobile phone coverage.

Pets and the discharging of firearms are not permitted on the property.

Visitors should assume that they are solely responsible for their own well-being and be conscious of the risks of fire, snakebite, etc. In an emergency, neighbours Mr. Richie Southwell and his sons, can usually be contacted using UHF Ch. 18.

Members are urged to inform the Property Coordinator or President of their plans to visit Talooge as from time to time the club allows use by other organisations. Your visit may also coincide with maintenance activities that may pose health hazards (for example, aerial weed spraying). You can then be informed if there are any issues to be aware of or confirm combinations for locks to the property including our clubhouse.

## Code of Ethics

These are the rules of conduct that we should all observe when using our vehicles in the bush. We should all take them to heart. Image is a difficult thing to change!!

1. Obey the laws and regulations for Recreational Vehicles that apply to public lands.
2. Respect the cultural, heritage and environmental values of public/private land, by obeying restrictions that may apply.
3. Respect our flora and fauna. Stop and look, but never disturb.
4. Keep to formed vehicle tracks.
5. Keep the environment clean. Carry your own, and any other, rubbish out.
6. Keep your vehicle mechanically sound and clean to reduce the environmental impact.
7. Adopt minimal impact camping and driving practices.
8. Seek permission before driving on private land. Do not disturb livestock or watering points, leave gates as found.
9. Take adequate water, food, fuel, basic spares and a first aid kit on trips. In remote areas travel with another vehicle and have Royal Flying Doctor Service, or equivalent, in radio contact.
10. Enjoy your recreation and respect the rights of others.
11. Plan ahead and lodge trip details with a responsible person.
12. Support four wheel driving as a responsible and legitimate family recreational activity.

## Training

The Southern Tablelands Four Wheel Drive Club is devoted to providing the best driver training possible. The Driver Training Team provides a range of courses throughout the year. Students are assigned an instructor over the period of the course. The 1:1 instructor/student ratio ensures maximum transfer of skills and experience.

The current courses are:

### Main Courses

Basic Driver Training,  
Very Difficult Terrain, and  
Advanced Recovery (for Grade 4 and 5)

### Supplementary Courses

Water Crossing,  
Sand Driving,  
Winching  
Practical Map Reading,  
Navigation,  
Route Planning,  
GPS, and  
Other specific training relating to Club activities such as camper trailers etc. may also be introduced..

### Training for Driver Training Instructors

Trainee Instructor,  
Assistant Instructor,  
Instructor, and  
Chief Instructor

Visit the ST4WDC web page for full details which are expanded on in detail in the Driver Training Policy document located under the Training menu tab.

**Partners** are encouraged to undertake the Basic Driver Education course, and any of the other courses offered from time to time. Unfortunately couples cannot undertake the course at the same time as only one driver per vehicle can be instructed during a training course. Training of a member's child is subject to approval by Club management and only when spare places are available. Couples may attend the Navigation, Map Reading & GPS courses.

### A special offer to travelers - Sewing Machine - medium/heavy duty - available for short term loan.

I have custody of a medium duty Singer sewing machine that is ideal for all those small canvas repair jobs or to create new tent peg bags, tool rolls, billy can bags, camp oven bags, etc. How far does your creative imagination go? The machine will handle up to three layers of medium weight canvas and uses very strong upholstery weight nylon thread that is great for reasonably heavy jobs.

Don 02 6161 1880 or 0408 649 732

# Taylor Torque

President's Report

Greg Taylor



I thank Rosemary (our past President) for her ramblings last month. Ro stepped in for me and provided sage advice to us all including sharing her enjoyable aspects of club membership. Thoughts that I hope provoke all members!

I have had a great couple of months and it is still all happening! Vickie and I had a fantastic time on our three weeks with Ian and Suzanne Brown and other members on their Googs, Gawler Ranges and Eyre Peninsular trip. Our preparations paid off for us in relation to our gear and our Ultimate camper trailer as we did not have any issues to complain about. A few weeks of bush camps and caravan parks helped us get into a rhythm that was easy to maintain and reminded Vickie and I of some of our longer touring trips.

Our trip through South Australia was brilliant. Previously, when we have travelled SA we have always been heading for WA so did not spend time



to see more of what is on offer than the mere camping spots to get from A to B.

It was well worthwhile to stop and smell the roses so to speak. I agree with Ian and Suzanne that hopefully, the recent trips to this area by our club will spawn more trips for members to enjoy. I certainly want to go back and spend more time from what I saw. There are many remote areas to explore with interesting tracks included.

At Port Lincoln in the Eyre Peninsular we all had a free day and we went out to Lincoln National Park where Vickie and I found some fantastic areas for 4wd driving. Lovely campsites with blue/turquoise

water and white sandy beaches and then the most fantastic sand driving area that made me think this is what the Sahara desert must be like!! We were able to stay with Ian and Suzanne until the end and enjoyed a great final stay at Rutherglen to see the sights and enjoy some wine tasting on the way



home – this trip had it all! Including meeting up with the first group – Peter and Catherine's group at Port Pirie – what a good night that was.

We also managed a visit to the Royal Flying Doctor Service (RFDS) Broken Hill Base. What an eye opener that was! RFDS is a major beneficiary of our charity donations from the 4x4 Spectacular Outdoor and Camping Show that we, ACT Land Rover Club and the ACT 4WD Club run every second year. It was good to see what we support and better understand the services that are available to our 4wd trips when we are remote or even close to home for that matter. We were able to swap stories with the staff who welcomed us warmly. We also purchased RFDS vehicle first aid kits as well as a few bush cookbooks that will be included as prizes in the meeting raffles over the coming months. If you are in Broken Hill I recommend a visit to RFDS – their base is easy to find at the airport.



# Taylor Torque

President's Report

Greg Taylor



More recently, I have just come home from a weekend at Yalwal participating in the advanced



driver training. Rod Brewer (Monaro Off Road) was my navigator (navi) and we had a great time. Driving out of water into steep climbs, recovering vehicles, climbing and winching rock ledges, building roads (called rock chucking for navigators) picking lines, recovering vehicles, straddling ruts, picking more lines through rocks, more straddling bigger ruts, recovering vehicles and just helping each other get through some hard terrain for driving is what it meant to me. The camaraderie and team approach to all of the challenges is what I think our club embodies. The sum of the team is always more than the sum of each individual in the team – which is something I had learned in life long ago. Our club has the spirit and team approach in many of the things we do and this was no different. The course of events and tracks chosen showed differences between drivers and vehicles and there were many learnings for the group as



well as individuals. Thanks to all involved I enjoyed the experience greatly.

I am keen to see similar development opportunities for members including trip leaders and other keen members who wish to improve their driving and recovery skills. Perhaps we can also run more trips that will help members practice and develop their driving and recovery skills at more challenging levels. Talk with me, Chris Nicholls, Michael Patrick or Peter Reynolds if you are interested in this approach.

Our Committee is having a planning meeting in October. This is another opportunity for the committee to look at where the club is now and gaze ahead at where our club is heading and making plans to achieve our priorities. Kevin Rowe has kindly offered his services to facilitate this day for the committee and I welcome his help.



I will unfortunately miss the August Talooge Monthly. Our daughters are turning the big 21 and as twins of course insist on individual celebrations. I do hope to get to the driver training in September if the celebrations have wound up by then...

Cheers,

Greg 



P.S. Don't forget your clean pre-loved items for the for sale/swap table at the meeting.

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# Member Profile

Interviewed by Glen Watts



## Rob Donaldson

Toyota Landcruiser 100 series

*How did you get started in 4 wheel driving & how long have you been interested in it?*

I joined ST4WDC in 2008, Robert Tiele recommended the club to me and I have been keen ever since.

*What 4wds have you owned and what did you think of them?*

Nissan Navara D40 , I realised after joining the club and going on numerous trips that I would have to spend too much money to get the Navara up to scratch with what four wheel driving I wanted to do.

Now I have a Toyota Land cruiser 100 series and I am loving it.

*What Mods have you done to your current 4wd and What has been your best modification?*

Double Diff locks, rock sliders, rear wheel carrier roof racks, bull bar, winch, snorkel, 2" lift and air-bags.

The best modification is the diff locks, I have just finished the Advanced driver training course and having not used them in the training course made me realise how valuable they are on your vehicle to minimise damage and get your vehicle up some difficult tracks.

*What are your favourite areas or terrain that you like to drive?*

Victorian High Country and any challenging tracks.

*What has been your best 4wding trip?*

Victoria High Country and Yalwal being the hardest off road tracks so far.

*Have you got any trips planned or would like to plan?*

The next trip is out to Talooge participating in the up the creek challenge.


I would like to plan a Simpson Desert trip.

*So if there is just one bit of advice you would give someone just starting out with 4wds what would it be and why?*



Join a club and make sure you go on many trips in a group, get to know people and learn from their experience.

*Something quirky about you.*

Whenever I leave the house I always have to go back and check to make sure I have locked the door. 

## Tech Talk

# Recent Work on the GQ

Chris Nicholls



In the last month I've had a few interesting issues to sort out on the GQ. Before the Goog's Track trip I checked the brake pads, and I was alarmed to find the front pads had worn down almost to the metal. The rear pads were also well down. I had last checked them a few months ago and thought they had plenty of material left! So off to Repco and found they had front pads on clearance special at \$15 a set. You beauty - I stocked up! Rear pads were at the normal price of about \$80 a set. Replacing the pads was a straight-forward task, and I had the front disks machined true for good measure, and repacked the wheel bearings with fresh grease. All good. Brakes now smooth and powerful and pulling up evenly.

On returning from the trip and while cleaning the

at all! Off to Repco again for a couple of seal kits for the calliper, to replace the piston seals and the little rubber boots that protect the mounting shafts that allow the calliper to self-centre on the disk for even pad wear. When I stripped out the brake piston and cleaned away the dirt and surface corrosion on the exposed outer end of the piston I was extremely unhappy to find corrosion pitting. With half-worn pads the extreme outer end of the brake piston had been clear of the seal for a long time. When I fitted the new pads before the trip the extra thickness had pushed the piston further back into the calliper, to the point where the corroded and pitted section was now against the seal. And guess what - a seal can't seal against a pitted surface! The other rear calliper was also starting to show the slightest amount of weeping. Not unreasonable at



*Pitting on the brake piston*

car I found signs of fluid weeping from one of the rear callipers. The calliper is the bit that holds the brake pads in place on the brake disk, and it has a hydraulic piston that squeezes the brake pads onto the disk when you apply the brakes. If the brake fluid weeps out that means the brakes are not working at their best, and are in danger of not working

340,000km.

So - Plan B. The options at this point were to buy reconditioned callipers or get mine overhauled. I opted for the reconditioned callipers from Patrolapart at \$100 each plus postage. Actually that's postage x 2 as the price is based on exchange



## Tech Talk

### Recent Work on the GQ

Chris Nicholls



– sending my old parts back to them for reconditioning for the next customer.

The reconditioned parts duly arrived last Monday, with all new seals and a nice shiny coat of silver paint. Once again fitting these up was a pretty easy task, although I did have to ask Julie to lend a hand, or rather a foot, to help me bleed the brakes.


Problem solved and good for another couple of hundred thousand kilometres. But I now have two unused seal kits sitting there – any offers?

The second issue showed up on the way home from SA. The rain was chasing us so we grabbed a cabin at the excellent Big-4 Resort (glorified caravan park) at Renmark. During the night our old Engel fridge stopped working. When we packed the car to go I realised the fridge temperature gauge was showing 14 degrees instead of the normal one or two degrees. I fiddled with it for a little while then resigned myself to making the last two days of the run home without a fridge, and dumped the now-suspect meat and remaining pre-cooked meals.

When we got home I did a few more tests, and found the fridge worked fine on 240 volts! The I tried plugging the fridge into a different 12-volt outlet, and it worked! So the 12-volt power line from the auxiliary battery was immediately suspect. The fuse was corroded – replaced that. Then replaced the fuse holder with a circuit breaker. Checked and re-checked the outlet Merit-plug and the connections on both ends of the fridge power lead. These all looked good and the multi-meter showed 13 volts. Still the fridge worked intermittently.

Finally I pulled the fridge apart on the workbench to look for loose connections or a bad earth. With the innards out of the case, I plugged it in to 240 volts – and it ran fine. Then I hooked it up to a good spare battery – and it still worked fine. Returned the innards to the case and bolted it all together – and ran it for two days on the bench, on the battery, pulling the temperature down to minus 17 on the maximum setting. Conclusion – the fridge is ok – it must be the power lead in the car.

Went back to the car and checked both ends of the lead again. This time I checked the earth at the battery end, and found that it was earthed to the bodywork rather than to the battery itself. In fact I'd done that few months ago while tidying up the plethora of fused wires at the battery. (Tip – when something stops working, ask yourself "What have I changed recently?") Decided that might be the problem as it was the only terminal I hadn't rigorously tested, cleaned and remade, so I crimped on a new terminal and bolted it directly to the negative post on the battery. The earth to the bodywork had been imperfect, and while it showed the right voltage (at the plug on the other end) it wasn't able to consistently deliver enough current to get the fridge running and keep it running.

The fridge has now been running OK, in the car, for three days, and I have confidence that it should continue. I think we can all see the lessons to be (re)learned here, especially the one about assumptions! 

## Expressions of Interest in a Canning Drive Next Year

Phil Rayner



I was looking at a solo drive on the Canning but after the recent weeks wets out that way I think that it would be better to have company. Not big and this trip will not be a club trip as I haven't done the Trip Leaders course, but if we get one who has been maybe it could be.

Personally I do not mind if you haven't done the club course at this stage. There will be time. And if you do not get the chance that is not an issue provided that you have the skills from personal experience or a course with another organisation.

So anyone interested in a Canning transit mid next year please call me on (02) 6292 3260. 

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*Ribelle*

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*Artillery*

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## ABOUT TRIPS

### TRIP GRADING

For trips in the club's calendar a grading system of levels 1 to 5 is used to assist members in deciding which trips they would most enjoy and which grade suits the driver's level of skill and experience. This system of grading is a guide only. The grade assigned to a trip may change due to weather conditions, and the trip leader should be consulted in such circumstances. The trip leader has the right to deny a request from a driver who is considered not to have the necessary level of skill in 4Wdriving, or whose vehicle is deemed inadequate.

- \*GRADE 1:** very easy with little, if any 4wdriving involved; will usually consist of a scenic tour or a trip to camp. No 4WD skills are needed.
- \*GRADE 2:** a relatively moderate 4WD trip with winching and/or towing unlikely. Moderate level of 4WD skills needed, as well as completion of Basic Driver Education Course.
- \*GRADE 3:** a medium 4WD trip which requires cautious driving; winching should not be required. Good level of 4WD skills needed, as well as completion of Basic Driver Education Course.
- \*GRADE 4:** a moderately difficult 4WD trip with some winching and/or towing almost a certainty. High level of 4WD skills needed, as well as completion of both the Basic and Advanced Driver Education Courses.
- \*GRADE 5:** an extremely difficult 4WD trip. Participants must be experienced at traveling over difficult terrain. Winching and/or towing will definitely be required and participants must have all their own recovery equipment. Skill levels the same as Grade 4.

### DRIVER EXPERIENCE

Conditions on some trips at Grade 3 and above may prove too difficult for inexperienced drivers. Please advise the trip leader of the level of skill, and vehicle equipment when signing up for such a trip. Members must have attended the 'Safe-One' Basic Vehicle Operation Course before driving on a Club trip above the Grade 1 level, unless they have satisfied the Club's Education Coordinator that they have the necessary experience.

### TRIP PLANNING

If you are planning a Trip or Social Event for the Club contact the Club Trips Co-ordinator, preferably at least two months in advance of your chosen dates. This will allow time to give your event a 'good plug' in the Southern Trails, and it helps to avoid clashes with other people's plans. However, if a good event opportunity comes up at short notice our rules are sufficiently flexible to enable a quick approval. Club policy requires that a Club event shall be publicised in the Club magazine, or at a General Meeting of the Club, or on the Club's website in order for it to be considered a formal Club event and so be covered for the purposes of insurance, subsidies and so forth.

For a trip using tracks that are not public roads it is Club policy to confirm with the appropriate authorities that access is permitted on the chosen dates. This includes National Parks, State Forests as well as private property.

### UHF RADIOS

The Club strongly recommends that a UHF radio be carried to facilitate convoy procedures. UHF channel 14 is used as the standard channel for trips.

### FIREARMS & PETS

Firearms are not permitted on club trips. Pets are not allowed in National Parks, otherwise refer to Trip leader.

# Trips and Events



**6 - 8 Sep      Penrith Supershow      2013-037**

Trip Leader:      Make your own way  
Email:            information@st4wdc.org  
Phone:            0418 568 358 (m)  
Start:             9:00 AM  
Description:      Penrith caravanning, camping, recreation and holiday supershow

**7 - 8 Sep      Explore The Tracks of Abercrombie River National Park      2013-031**

Trip Leader:      Michael Patrick  
Email:            m-patrick@bigpond.com  
Phone:            0412 377 941 (m)  
Grade:            3  
Start:             8:30 AM  
Meeting Place:      Federal Highway, Eagle Hawk car park  
Fuel:             Full Tank  
Maps:            Taralga, Fullerton, Zone55 MGA OZF  
Requirements:      UHF Radio, Good Tyres, Vehicle in good condition  
Description:      Abercrombie River National Park is located 60km North of Goulburn. The park preserves the largest remaining intact patch of low open forest in the south-west central tablelands area. Casuarinas stand beside deep waterholes on the park's three main waterways. We will transit to the park via Goulburn/Abercrombie road and enter the park via Felled Timber road and Brass Walls fire trail.  
  
Once inside the park we will travel the various tracks Saturday afternoon and either camp at Silent Creek or at Bummaroo Ford. On Sunday we will re-drive the tracks and lunch at one of the river sites. After lunch we will have a leisurely drive back to Canberra.  
  
Comments:        This is a easy trip with only a couple of sections that will require definitive picking of the line. This is an excellent bedding in for new members. Bring food, water and happy hour supplies.

**13 - 15 Sep      "Safe One" Basic Driver Training at Talooge Park      2013-065**

Trip Leader:      Peter Reynolds  
Phone:            0428 623 458 (m)  
Start:             7:00 PM  
Meeting Place:      Bredbo Service Station  
Comments:        You must phone Peter to book this event or see him at the meeting. Peter takes bookings manually for driver training and will give you additional information when he takes your booking.

# Trips and Events



**15 Sept**

**Kowen Forrest**

2013-079



Trip Leader: Jim Anderson

Email: jander55@bigpond.com

Phone: 0408 283 496 (m)

Start: 09:45 AM

Meeting Place: Kowen Forrest Gate

Fuel: Full tank

Requirements: Basic Driver Training, recovery gear, lunch and afternoon tea.

Description: Kowen Forest is very close to Canberra and has some interesting and challenging tracks, all with alternative drive arounds.

Comments: Access is through a locked gate therefore promptness is important. Please arrive at the parking area by 9:45 - the access gate will be shut and locked by 10:05am. Territory and Municipal Services (TAMS) charge a \$10 per vehicle usage fee and this will be collected on the day. As access is dependent upon favourable weather conditions, updates will be provided prior to the event.

**21 - 22 Sep**

**Talooge Monthly**

2013-074

Trip Leader: Marj and Alan Jones

Email: marjjones@rocketmail.com

Phone: 0427 284 236 (m)

Start: 8:00 AM

Meeting Place: Talooge Park

Fuel: Full tank

Requirements: Your own provisions for the duration of your stay. Happy Hour contributions welcome

Description: This is an ongoing monthly event. The intention is to contribute to the ongoing maintenance of our property and to enjoy the facilities and company of other participating members.

Any member is most welcome to join us at Talooge for the weekend, a day or even a part day to not only enjoy the environment but to assist us with any general maintenance which is always required in and around the property.

We intend to go out on Friday, so will not be organising an official "convoy". Come in your own time from Friday onwards, or if you need to make special arrangements please contact us.

Comments: It is not intended to be an All work and No play weekend. The traditional Happy Hour and camaraderie goes without saying

# Trips and Events



**22 Sep**                      **"Safe One" Basic Driver Training Course Follow-up Day**                      **2013-066**

Trip Leader:        Peter Reynolds  
Phone:                0428 623 458 (m)  
Start:                 8:00 AM  
Description:        Description: This is day three of the basic driver education course and MUST be attended before participating on any Club trips where the proposed route is expected to be at Grade 2 or above.

**27 - 28 Sep**                      **Up the Creek Challenge**                      **2013-067**

Trip Leader:        Peter Reynolds  
Phone:                0428 623 458 (m)  
Grade:                3  
Start:                 9:00 AM  
Fuel:                 Full tank  
Requirements:      Must have electric winch and have used the winch in action. (This is not a place to learn). Lots of recovery gear including MaxTrax. Very good tyres as the rocks are sharp.  
Comments:         This not for the faint hearted but is a great chance to use all your skills. This is also a

## **CLUB TRAILER AVAILABLE FOR USE**

Free to ST4WDC members.

- Measures 2.1m x 1.6m x 0.54m
- High standing, tows level behind Hilux
- New fitted tonneau cover
- Standard 750kg carrying capacity - un-braked
- Much greater than standard box trailer volumetric capacity
- LED light fittings and standard 7 pin connector
- Removable jockey wheel
- Wheel bearings recently repacked
- Rugged good looks
- Not pretty, but practical
- Kept at Gowrie, Tuggeranong, ACT.

Contact Joe Briguglio on 0417 220 919 or Ian Goodacre on 0403 304 505  
to arrange access and use.

# Trips and Events



great opportunity for spectators to come and watch all the way along the creek. Please note we already have 18 vehicles booked so we can only take reserves. If you wish to book a place as a reserve contact Peter Reynolds. Only book on the web site if you wish to come along as a spectator. We are also looking for assistants to help run this event.

## **6 Oct**      **Brindabella Spring Classic**

**2013-070**

Trip Leader:      David Read

Email:            twisty@live.com.au

Phone:            0431 980 487 (m)

Grade:            2

Start:             9:00 AM

Meeting Place:   Uriarra Homestead

Fuel:              Full tank

Maps:             ACT Region. GPS

Requirements:   Basic driver training, basic recovery gear, UHF radio, good tyres, well maintained and reliable vehicle, morning tea and lunch. Camera, binoculars and a chair are also a good idea.

Description:     This day trip is a great way for new members to explore Canberra's back yard.

We head to McIntyres Hut (a quick stop, toilets) via Blue Range, Dingi Dingi fire trail and Waterfall Trail. Then a short trip to Lowells Flat (toilets) for a long lunch.

Then back track Waterfall Trail and climb up Webbs Ridge to approximately 1200 metres, past the power lines to Flea Creek (toilets) on the Goodradigbee River for afternoon tea.

***Interested in joining our Club? Visit our website at [www.st4wdc.org](http://www.st4wdc.org) and Register. Then go to the MEMBERSHIP menu and select Applications Forms.***

***Returning member? Just pay the annual fee - full details at [www.st4wdc.org](http://www.st4wdc.org) under MEMBERSHIP > Renewals.***

***No internet access? Contact our Membership Secretary, Lynne, for assistance - 0418 631 669***



# Trips and Events



We'll then head home via Gentle Annie fire trail, Brindabella/Tumut Road and Picadilly Circus to air up and a "photo op".

Comments: Preference will be given to members who have just completed Driver Training.

## **13 Oct Kowen Forrest**

**2013-081**

Trip Leader: Jim Anderson

Email: jander55@bigpond.com

Phone: 0408 283 496 (m)

Start: 09:45 AM

Meeting Place: Kowen Forrest Gate

Fuel: Full tank

Requirements: Basic Driver Training, recovery gear, lunch and afternoon tea.

Description: Kowen Forest is very close to Canberra and has some interesting and challenging tracks, all with alternative drive arounds.

Comments: Access is through a locked gate therefore promptness is important. Please arrive at the parking area by 9:45 - the access gate will be shut and locked by 10:05am. Territory and Municipal Services (TAMS) charge a \$10 per vehicle usage fee and this will be collected on the day. As access is dependent upon favourable weather conditions, updates will be provided prior to the event.



## **18 - 20 Oct 4WD and Adventure Show**

**2013-058**

Trip Leader: Looking for a Trip Leader (Contact Trip Coordinator if interested)

Start: 12:00 AM

Meeting Place: Sydney Dragway, Eastern Creek, Ferrers Road

Description: The Sydney Four Wheel Drive and Adventure Show and the Western Sydney Tinnie and Tackle Expo have joined forces. This show is run by and for four wheel drivers so support your State Association and check out the latest equipment and specials.



## **19 Oct Skid Pan Course Training**

**2013-072**

Trip Leader: Peter Reynolds

Phone: 0428 623 458 (m)

Start: 12:00 AM

Requirements: Costs is \$90 per person. Please bring your payment to the next club meeting. All payments must be received by the 10 Sept club meeting. No exceptions.

Comments: Please do not book on the website for this event all bookings must be made through Peter Reynolds.

# GPS Points of Interest Database

Alex Szabo



## **20 Oct**      **Brindabella Spring Classic**

2013-071

Trip Leader: David Read

Email: twisty@live.com.au

Phone: 0431 980 487 (m)

Grade: 2

Start: 9:00 AM

Meeting Place: Uriarra Homestead

Maps: ACT Region. GPS

Requirements: Basic driver training, basic recovery gear, UHF radio, good tyres, well maintained and reliable vehicle, morning tea and lunch. Camera, binoculars and a chair are also a good idea.

Description: This day trip is a great way for new members to explore Canberra's back yard.

We head to McIntyres Hut (a quick stop, toilets) via Blue Range, Dingi Dingi fire trail and Waterfall Trail. Then a short trip to Lowells Flat (toilets) for a long lunch.

Then back track Waterfall Trail and climb up Webbs Ridge to approximately 1200 metres, past the power lines to Flea Creek (toilets) on the Goodradigbee River for afternoon tea.

We'll then head home via Gentle Annie fire trail, Brindabella/Tumut Road and Picadilly Circus to air up and a "photo op".

Comments: Preference will be given to members who have just completed Driver Training.

## **25 - 26 Oct**      **Talooge Monthly**

2013-075

Trip Leader: Marj and Alan Jones

Email: marjjones@rocketmail.com

Phone: 0427 284 236 (m)

Start: 8:00 AM

Meeting Place: Talooge Park

Requirements: Your own provisions for the duration of your stay. Happy Hour contributions welcome

Description: This is an ongoing monthly event. The intention is to contribute to the ongoing maintenance of our property and to enjoy the facilities and company of other participating members.

Any member is most welcome to join us at Talooge for the weekend, a day or even a part day to not only enjoy the environment but to assist us with any general maintenance which is always required in and around the property.




We intend to go out on Friday, so will not be organising an official "convoy". Come in your own time from Friday onwards, or if you need to make special arrangements please contact us.

Comments: It is not intended to be an All work and No play weekend. The traditional Happy Hour and camaraderie goes without saying

# Trips and Events



## Later in the year

<u>Date</u>	<u>Website Tag</u>	<u>Trip Name</u>	<u>Trip Leader</u>
2nd Nov	2013-068	Skid Pan Course Training 	Peter Reynolds 0428 623 458 (m)
9th - 10th Nov	2013-083	River Crossing and Sand Driving Course 	Peter Reynolds 0428 623 458 (m)
17th Nov	2013-080	Kowen Forrest 	Jim Anderson 0408 283 496 (m)
23rd - 24th Nov	2013-076	Talooge Monthly	Marj Jones 0427 284 236 (m)
30th Nov - 1st Dec	2013-023	Christmas Party at Talooge Park	The Committee
22nd - 29th Mar	2014-006	Vic High Mountain Country	Michael Patrick 0412 377 941 (m)
29th Mar - 6th Apr	2014-007	Stagg Chilli Victorian High Mountain Country Trip	Simon Moyle 0477 344 330 (m)

*If you are interested in any of these upcoming events put your name down on the website or contact the Trip Leader for more information.*

*Do you have a destination you would like to see in this calendar?*

*Do you want to go where you want to go?*

*Do you want to be up the front of the convoy out of all the dust?*

*If you answered yes to any of these questions then perhaps you should become a Trip Leader! Any Club Member can be a Trip Leader.*

*If this sounds like you then get in touch with Michael Patrick, our Trips and Events Coordinator, and he will be able to assist you in planning your first trip. It could be the big trip out in the desert, the one dayer to McIntyres Hut or anything in between.*

*There are many experienced Trip Leaders in the club that are willing to offer their knowledge and advise for new Trip Leaders.*

*You can find Michael Patrick's contact details in the front of this magazine.*

# How it Works

## Vehicle Electronics for Beginners (Part 1)

Joe Briguglio



This is the first of three articles I have decided to publish to assist members who have limited knowledge about how their vehicles electrical systems work. These articles explain, in simple language, the basic principles that will assist in the understanding of the systems and potential faults and how to get out of trouble

Part 1 gives an understanding on how our vehicle's electrical system works and Part 2 expands with more details to help diagnose problems with the alternator and battery systems . Part 3 talks about common electrical faults and circuit protection.

When I think of all the things we have to consider as four wheel drivers our electrical system is one of the most important. Without electricity we cannot start the vehicle or run the basic functions necessary to make it work properly.

When participating in trips we often put even more strain on our electrical systems by adding power hungry accessories including lighting, fridges, audio, pumps and navigation systems. Modern four wheel drive vehicles, especially automatics, rely on the power of the vehicle for engine management systems and fuel injection.

With this in mind it is essential to know in the broadest terms how your electrical system works and how to get out of trouble when it doesn't. This advice is derived from my experience as a club member with some electrical background.

### The Alternator

Vehicles have the ability to generate their own

power when they are running. This ability allows for a continuous flow of electricity when needed and is a very clever piece of technology. The alternator is the device that allows the magic to occur and works by converting mechanical energy to electrical energy. Alternators are bolted next to the engine and connected via a fan belt. When the engine is running the rotational drive from the engine is transferred to the alternator via the fan belt. Without going into how it does it I can say that when the alternator is turning it is producing electricity that is fed directly into the battery.

The ability to feed electricity into the battery is what keeps our batteries charged and ready to go.

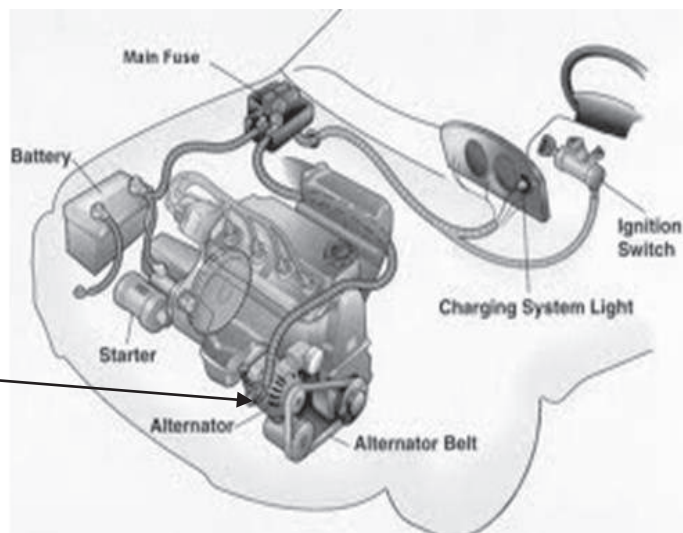
### Batteries

Batteries are a science unto themselves and there are many different types and applications. Basically batteries are electrical storage devices or banks for electricity to use when we feel the need. Some batteries are designed to be pre charged and simply run out of electricity and are thrown away. Vehicle batteries are designed to be charged over and over again in a repeated cycle.

So if we have alternator producing electricity for the vehicle why do we need a battery? The answer is that alternator only produces electricity when the car is running and is idle when it is not. The main function of the battery is to store enough energy to start the engine to allow it to run and therefore use the alternator to produce more electricity. It is very important to remember that the primary role of the battery is to start the vehicle and we need to protect that function to enable us to drive out of the



*A typical alternator*



*Diagram shows where the alternator is located*

# How it Works

## Vehicle Electronics for Beginners (Part 1)

Joe Briguglio



remote areas that we get into.

### Dual Batteries

Most of our four wheel drives run two batteries to power our accessories including fridges, winches and lighting. We run dual batteries mainly to protect the battery that starts the engine sometimes called the primary battery. The second battery when fitted is used to power accessories when the engine is stopped when the alternator isn't running and when we need power for a period of time. If we ran our fridge overnight we would stand a good chance of not being able to start the engine in the morning if we didn't have a second battery.

Another piece of clever technology sometimes used in our four wheel drives is a battery management system and in its most basic form is designed to protect the primary (cranking) battery ensuring that it is fully charged before allowing surplus electricity to flow to the second battery. A battery management system will monitor the flow of electricity to the primary battery and switch to the second battery giving the additional power needed for our accessories.

### Electrical Terms Simplified

*Volts or Voltage* – Think of volts as the force that pushes electricity (current measured in Amps) around an electrical circuit through the wires. Liken volts to water pressure where the pressure pushes the water around the pipes.

*Amps, Amperage or Current* – Amps (short for amperage) or electric current is the substance (electrons) that flows through the wires. Liken amps to water as the actual substance the flows pushed around by the voltage.

*Resistance or Ohms* – Resistance is the limiting factor in electrical circuits and is a materials opposition to the flow of current. All devices that run

off electricity have a resistance value that restrains the flow of electrical current dependant on the type and size.


*Watts or Power* – Watts are a measurement of the rate at which electrical energy is transferred in a circuit.

*DC* – Stands for Direct Current. Direct current is found in most vehicles and is the product of the output of batteries. Current flow is from positive to negative or from + to - . Most vehicle systems are around 12 Volts DC or 12VDC.

*AC* – Stands for Alternating Current. AC exists in your home and business and is transferred via the power lines. AC alternates from positive to negative around 50 times per second. Most household power is 240 Volts AC or 240VAC.

*Fuses* – are very effective at protecting our wiring and devices. Fuses come in different configurations from blade type both mini and standard glass and ceramic tubular fuses. They come in different ratings dependant on the size of the wiring and the device it is protecting. Fuses are intentionally sized to be much smaller than the wiring it protects to detect a fault and blow saving the rest of the circuit. \*Important\* always carry spare fuses for your devices. A good tip is to try and standardise the type of fuse you choose for your accessories to a particular type – I use only standard blade fuses because they match the vehicle manufacturer's fuses in my particular vehicle.

*Circuit Breakers* – have the same intention as fuses but are designed to be reused. They operate by detecting a fault and opening the circuit as a result of the heat it draws. Once the fault is detected and rectified the device returns to its original state.

In next month's magazine Part 2 will explain in more detail how to diagnose problems with your battery and alternator and briefly explain the role of dual battery systems. 



## Trip Report Christmas in July

27th - 28th July 2013

Catherine Panich

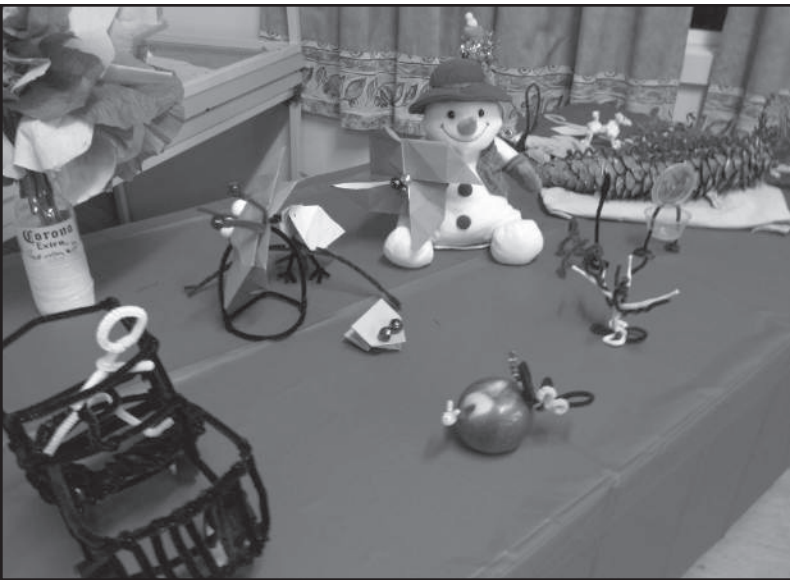


### Helen and Charlie Montesin (leaders)

Alex and Andrea Szabo  
 Dave and Suzanne Foulds  
 Alan and Marj Jones with  
 2 guests: Connie and Bree  
 Richard Brand  
 Brad Wells with 2 guests  
 Trevor and Merrilyn McPherson  
 Catherine Panich and Peter Fenwick with  
 3 guests: Harlan, Marike and Franz



I greatly look forward to this party each year as it's the most fun social event of our calendar after the real Christmas party at Talooge of course. We left Uriarra Homestead at the leisurely hour of 9am and before we knew it we were getting to know each other at morning tea on the Goodradigbee River. We had each been given a pipe cleaner as the basis on which to construct something creative by dinner time. Folk were already scratching their heads.



Crossing the Goodradigbee we drove on to Tumut taking the most direct route. There was plenty of time for lunch and a wander around town. A few of us sneaked into the \$2 shops to be inspired with crafty ideas for our creations. This challenge is always fun, nearly everyone rose to the occasion and produced amazing results.

There is a fire trail just behind Tumut so of course we went that way as a change from the higher

speed roads. Very soon we were at a lookout overlooking the end of Blowering Reservoir. The trail offered no unexpected surprises but was very pleasant with great views, towering gums and dirt under our tyres. Before arriving at Laurel Hill we visited the Sugar Pine plantation. A few small mounds of snow reminded us that it had snowed the previous weekend. At Laurel Hill Forest Lodge we could see just how much snow had fallen; there were still several headless snowmen around. These didn't seem to worry the mob of kangaroos or the troupe of brumbies lounging on the lawn. They certainly didn't take much notice of us, just kept a cautious eye out as they continued munching. In fact the brumbies are such a nuisance that the caretakers of the lodge have had to electrify the flower beds and guard the garden taps.

Afternoon tea beckoned so we quickly claimed our rooms and made our beds. We used two lodges each having 5-7 rooms with single and bunk beds. We stayed in Bogo Road and Mulawa, bit of a novelty for the blokes sleeping in a woman's prison! If you are quick enough you can get a room with enough space to put two mattresses on the floor to create a king-size bed! Each lodge has a community area with kitenette and the bathroom is unisex; two toilets, two showers and bliss of bliss the heaters had been turned on.

As usual afternoon tea didn't disappoint with plunger coffee and home baked goodies; scones, fresh cream, homemade jam, crab vol-au-vents,

## Trip Report

### Christmas in July

27th - 28th July 2013

Catherine Panich



ANZAC biscuits and more. When the food had disappeared most folk visited Laurel Hill's outdoor gear shop before returning to their lodge to veg out and/or to make their crafty show piece. Others stayed to decorate the hall, after all it was 'Christmas in July' and you just have to have Christmas decorations to help with the Christmas cheer. Our German backpackers were quite puzzled by this out of season celebration but joined in whole heartedly.

Dinner was a three course affair, traditionally Christmassy with roast meats and baked vegetables but the chefs always throw in something special. You will just have to find out for yourselves. This year Charlie and Helen added extra spice by preparing a three part quiz, nothing too intellectually taxing but it still stretched our memories and was a fun table bonding exercise.

And after dinner – THE GAMES. We laughed, twisted, squatted, ran and blew the evening away. There was hardly time to take a sip of left over wine and everyone became quite pink with exertion. Come next year and you will see what I mean. We got back to our lodges and collapsed into chairs




and eggs with hash browns, toast with homemade jams. Before leaving we had to sweep the dining room and our rooms and mop the lodges' public areas but it was a small price to pay for such a 'value for money' weekend. We planned morning tea in Tumarumba but personally I was glad the cafés were shut; breakfast was still taking up so much space. So we just headed for Cabramurra stopping at Paddy's River Falls and driving via Elliott Way through the spectacular Tumut River valley, passing Tumut 2 Power Station. As we climbed the snow got deeper and we started thinking about beanies and gloves. At the Cabramurra Visitors Centre there is a new café attached to the bar, just opened in April, which served good food at acceptable prices. After lunch some folk frolicked in the snow, others just stayed inside with a cappuccino or milkshake like sensible people should. We dropped into Adaminaby to eyeball the Big Trout (more explanations to the German girls) and to accommodate those with small tanks, vehicular and personal, before tackling Boboyan Road through Namadgi NP to Canberra. We made a quick stop at the old homestead. This year the road was dry and quick.



in the community area but everyone was so tuckered out we didn't linger long over our night caps.

Next morning it was back to the dining room for more food; cereal, porridge, fruit, yogurt, bacon

This was a truly memorable weekend thanks to Helen and Charlies' careful planning and everyone's willing participation. Look at the photo to see how crafty we were too. By the way the German girls won with their caterpillar exiting an apple watched by a beautiful butterfly. 

# Talooge Matters

Property Coordinator

Marj Jones



Although there wasn't a TALOOGE Monthly in July, many members have taken the advantage of their property and spend many fun filled weekends there.

This is what our property is there for. Why don't you take advantage of it, spend a weekend, or a day ..... enjoy what it has to offer!

Just camp, drive a few tracks, walk around the home paddock, take a walk out to Wombat Flat, walk along the edge of the creek... Have you visited Honeymoon Bay? ( a truly delightful spot!) JUST gel out with family, friends, watch the kangaroos, the deer???(they are there sometimes), enjoy some laughs, and stories around a good fire at night. It is fantastic therapy!

This is everyone's privilege to visit their property!

BUT, as a safety / risk management factor, we do insist that you either notify me, (Property Coordinator) or Greg, (President) to let us know that you are going. This does mean everyone! If for some reason you can't contact either of us, please contact one of the Executive.


This way, not only do we know you are there, but we can alert you to anything of which you should be aware, (other people, events, shooters, poisoning, etc on TALOOGE or neighbouring properties.)

TALOOGE has only become what it is today by the enthusiastic efforts of members, just like yourselves, spending weekend upon weekend to accomplish what you see now.

When the property was bought 10 years ago, there were no buildings on it, just a lot of noxious weeds, wombats, kangaroos, feral pigs and goats. We now have buildings, water, paddocks with minimal weeds and less of the goats and pigs. We don't mind the wombats or kangaroos!

Not a bad effort for volunteers!!!!

The maintenance and new work will continue, but it still requires the efforts of members, people like yourselves, to give up some time to assist. TALOOGE Monthly weekends are the opportune time to do this. The weather is warming up so a little more conducive to camping. These weekends are not strenuous, there is always work for all abilities, but above all, everyone can partake in the enjoyment, camaraderie and the satisfaction of pulling together to improve our property.

We have 15 members for the August TALOOGE Monthly so far. Can we improve on that for September, October or November???? The challenge is up to you!!!! 



*Installing the new flushing toilet at Talooge?*



# Member Profile

Interviewed by Glen Watts



## Michael Darman (Darmo)

Driver Trainer in training.

2011 Turbo Diesel TOYOTA HILUX Dual Cab.  
(Nicknamed the Poodle).

*How did you get started in 4 wheel driving & how long have you been interested in it?*

So I got into 4 wheel driving from an early age when going up to the mountains fishing and camping with my grandfather and friends. I was too young to drive but was always around for the recovery when my grandfather got his old Nissan Navara Ute bogged.

In more recent times my wife and I were preparing for a trip up to Alice springs via Wodonga, Hawker, Flinders Ranges, William Creek, Ayers rock. Coming back down via Chambers Pillar, Fink and Mount Dare. I'd never had any formal driver training so as a birthday present from my in-laws they made me a member of our wonderful club. The training was so..... popular that I never actually got to take part in it before our trip. So I made all the mistakes you would make (Tyre Pressure!!) and sat the training a few month after our trip.

*What 4wds have you owned and what did you think of them?*

I've owned a Holden Frontier 4wd and 2 x turbo diesel Toyota Hilux's. I love my Hilux. It is the happy compromise of comfort and functionality. It can do some amazing things offroad as well as being comfy for Ellie and the kids for touring.

*What Mods have you done to your current 4wd and What has been your best modification?*

Where do I start? I've installed a 3 inch touring lift kit, 1 inch front diff drop kit to reduce CV angles, Beilstein shocks and struts, an ARB deluxe bull bar, Haymen Reece towbar, ROH mine spec black Sunraiser wheels, Cooper ST Max 265/75R16 tyres, ARB tradesmen roof rack, GME 80 channel UHF, 6.5dbi antenna and 9 dbi GSM mobile phone antenna, Roo Lite 220mm spot lights with an IPF wiring loom, custom aluminium roof frame for the rear tray, custom canvas canopy by Steve's Upholstery Fyshwick, Safari Snorkel and there probably more stuff that I have forgotten.

I would have to say the best mod that I've done

was the lift kit, rims and tyres.

*What are your favourite areas or terrain that you like to drive?*

My favourite area's to drive are the Vic high country, south coast forest, and central Australia. I am aspiring to head up to North West Australia in the near future.

*What has been your best 4wding trip?*

My best trips have been Last weekend doing the advanced driver training course at Yalwal. That was a ball. Our central Australia trip with my wife and in-laws would have to be the best tour that we have done so far.



*Have you got any trips planned or would like to plan?*

Yes. We are looking at doing a trip to Fraser island again next year and also contemplating the idea of a trip to the Kimberly's in the next few years.

*So if there is just one bit of advice you would give someone just starting out with 4wds what would it be and why?*

Tyre pressures!! It's the cheapest simplest way to get out of trouble with the use of very limited tools and expense.

*Something quirky about you.*

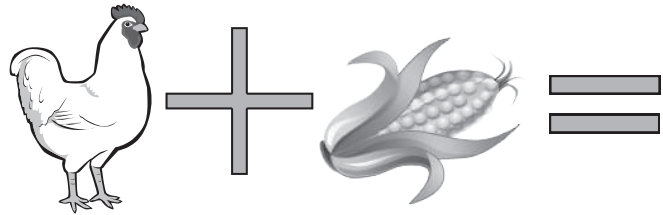
I work in IT security. But I am not your token computer geek. He he  
I'm a big kid!! My wife's always says, "One day you'll turn 13" ha ha. 🤖

# Cooking with Kiera

Kiera Taylor



After completing my apprenticeship as a Chef I thought that I might share some of the recipes that we have used when we go camping. They are easy to prepare and very tasty.



## Chicken and Sweet Corn Soup (serves 2-3)


2 tins of creamed corn  
1L of chicken stock  
1 large chicken breast cut into strips  
1 large egg  
Salt and pepper to taste  
3 spring onions finely sliced

Add creamed corn, spring onions and chicken stock together in a pot and bring to a boil.

Add sliced chicken breast and simmer gently until chicken breast is cooked.

Mix in lightly beaten egg while stirring continuously.

Alternatively you could use smoked chicken breast or crab meat in place of the chicken breast.

Brenden and I would like to announce that we are expecting the arrival of Baby Taylor due early March 2014! 



***Got an awesome photo of your rig in action on a trip?***

***Want to see it in this magazine?***

***Email the full size photo to [publications@st4wdc.org](mailto:publications@st4wdc.org)***

***Who knows your photo may even end up on the front cover...***

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This training course covers two competency units

- SRO DRV001B - Drive & Recover a 4WD Vehicle
  - SRO DRV002B - Drive a 4WD Vehicle in Difficult Terrain
- In your house 4hr theory component including training DVD  
8hr practical component including 4WD recovery techniques
- Member Australian Driver Trainers Association Inc.
  - Certificate IV in Driver Instruction
  - Accredited Driving Instructor A.C.T. Government
  - Certified 4WD Trainer Assessor
  - Licensed 4WD Mechanic 30 years

*Private & Government Departments Catered For  
One on One or with a partner (max 2)  
Fully insured & first aid certified*

Call Peter anytime for information & bookings (training weekdays only)

**0428 623 458**

# LEE & THOMAS

## Auto Electrics

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- Airconditioning Servicing
- Exchange Alternators & Starter Motors



- Car Immobilisers

**SHOWROOM & WORKSHOP**

@ 95 Grenville Crt

**Phillip**

**6281 1455**

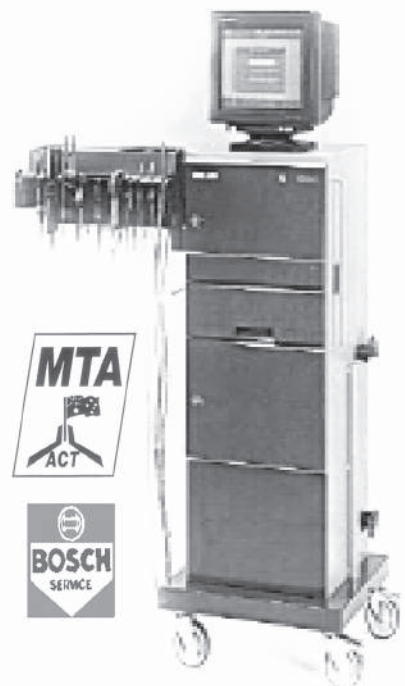
Fax 6285 2737

**OPEN MON - FRI**

8.00am - 5.00pm

**SATURDAY**

8.00am - 12.00



# “SAFE ONE” BASIC 4WD VEHICLE OPERATION COURSE

*The Southern Tablelands Four Wheel Drive Club conducts **two-day weekend Driver Training** exercises, with **Follow-up Days** on the Sundays, 1 week later.*

## **Purpose:**

To introduce new & old club members to vehicle equipment, daily maintenance, recovery techniques & equipment, and in particular teach them the skills necessary to safely operate their 4WD in a variety of terrains.

## **Meeting Time/Place:**

Service Station in Bredbo (right hand side of highway) no later than **7.00pm** on the Friday evening preceding the course.

**The Club's Education Coordinator is Peter Reynolds,  
Tel (h) 6251 1258 or (m) 0428 623 458.**

**PLEASE BOOK A PLACE ON ONE OF THESE COURSES WELL IN ADVANCE AND ALSO RING PETER ONE WEEK BEFORE THE COURSE TO CONFIRM ATTENDANCE!  
IF YOU DON'T, YOU WILL LOSE YOUR PLACE ON THE COURSE**

***ONLY ONE DRIVER PER VEHICLE PER COURSE, THOUGH A SUPPORT CREW IS WELCOME.***

## **WHAT TO BRING**

Yourself & family and a 4WD in good mechanical condition  
Camping gear for overnight stay  
Food and Cooking gear for 2 days  
Chairs to sit on in lessons and around the fire  
Recovery gear, if you have it, but not essential  
Garbage bags for all your rubbish to take home  
Notebook & pen  
Camera  
A full tank of fuel  
Torch  
Drinking water.  
UHF Radio (optional – talk to Peter)  
Front and Rear Recovery Points preferred.

**There is a large First Aid Kit at Talooge. Also a large gas BBQ**

**PLEASE DO NOT BRING PETS OR FIREARMS.**

# CLASSIFIEDS

Advertising on this page is free to members but is restricted to

Two Months. Non-members will be charged \$20 per advertisement for 5 lines for the same period.



**For Sale** 4 x 16x8 Dick Cepek Torque wheels in as new condition 4 x 265/75/16 Dick Cepek FCII tyres approx 90% tread With chrome nuts to suit 05-11 Hilux \$1600

Contact Craig on 0448082812 or nelson05@westnet.com.au

**For Sale** Australian made heavy duty off road camper trailer registered to November 2013. 12 ft main tent plus 3 fully enclosed annexes.

Includes 80 lt Engel dual compartment fridge/freezer, a stainless steel 3 burner BBQ . 85 lt water tank, electric bilge pump, CTEK XS 25000 battery charger and 105AH deep cycle battery, electric brakes, tail LED lights, 4 Alko stabilisers, Tregg coupling, Drifta kitchen slide out with extended kitchen bench and pantry with a two ring gas stove/grill, fire extinguisher, electric oven grill, kettle and toaster and queen size innerspring mattress. Original all terrain tyres have travelled approx. 2500KM and spare still unused. Flip over boat rack plus much more.....

Price \$12500 negotiable

Contact Anil on 0422337102 or

Email: anil.dyall@yahoo.com

**Wanted** Safari D-Tronic engine chip kit for Nissan GU Patrol ZD30 engine.

I would like to purchase a new or serviceable/working second hand Safari D-Tronic engine chip kit for my 2001 Nissan GU Patrol ZD30 engine. Happy to also hear any good news or horror stories from ZD30 engine owners who have fitted this engine chip.

Contact Jed Bartlett PH 0488 004 148 or

Email jed48@tpg.com.au

**For Sale** 4WD Shade Awning

Awning Rolls Back into Heavy Duty PVC Zippered Storage / Travelling Bag. Aluminium Mounting track w/- 2 x Position sail rail for bag to slide On & Off. Fitting & brackets Supplied. 4 Poles & Ropes included. Size(s) : (L)200cm w/- 300cm Extension from Vehicle \$100.00

Two Coleman Dual Fuel Powerhouse Lanterns can run on either Unleaded Petrol or Shellite. \$30 Each Michael Patrick 0412377941

**For Sale** 1 brand new never out of the box REDARC sbi12 battery isolator 100 amp dual battery isolator solenoid from ARB. I paid \$150.00 in February. Asking for Best Offer.

Contact Kelvin Berry at knacbery@grapevine.com.au

**For Sale** Snorkel to suit 1987 MQ Patrol (SD33T).

Rear tail light lenses to suit MQ Patrol.

Workshop manual to suit MQ Patrol.

Make an offer.

Contact Brenden on 0434 083 351

or kbt@velocitynet.com.au

**For Sale** Brand new roof rack box for long item safe transport. I had two made for me but have now decided I only need one. White powder coated, water & dust proof, steel roof rack box for long items like steel fencing posts or timber or long tent poles. Length - 3550mm Width x Height - 150mm square with lockable end cap. Painted 'A2W' white which matches the current Mazda BT50 and Ford Ranger vehicles. Cost \$410 to make/buy but will sell for \$300. Photos attached.

Contact Jed Bartlett

PH 0488 004 148 or email jed48@tpg.com.au



**For Sale** The Legendary GRIFFIN V8 dual-cab ute GQ Patrol. Hard Core Camper and/or Competition Truck. Over \$100,000 spent, yours for \$24,990 ono.

V8 355 petrol, auto, barwork, roll-cage, diff locks, lifted, 35"s & 37"s, much strengthening, Warn Winch (24 volt 8274 ), long range tank, full rewired (12 volt 2 x batteries) & (24 volt, 4 x batteries – need replacing), spot lights, + loads more!

Contact John Howarth PH 0407 404 688 or

Email john.howarth@tannerjames.com.au and I'll send you more details.



*You can never  
start too early!*

**We Want You**



**To send in your  
photos**

For our picture library. These can be of anything to do with the club.  
You can give them to Brenden at club meetings or post them to:

Southern Tablelands Four Wheel Drive Club Inc.  
GPO Box 2122  
Canberra ACT 2601

The club can supply discs for burning.

**Are you selling or disposing of your vehicle? If so, please remember to remove your ST4WDC sticker if the buyer is not a member of our club.**

## **Club Clothing**

The Club clothing or a name badge can be ordered from Kiera Taylor at the monthly Meetings.  
Payment for any item is expected when ordering.

Jackets:	\$95.00
Polo Shirts:	\$38.00
Hoodies:	\$48.00
Rugby Tops:	\$50.00
Caps:	\$20.00
Bucket Hats:	\$20.00
Beanies:	\$20.00
Name Badges:	\$15.00

If there is any clothing item you would like to see here please call or email Kiera.  
Kiera Taylor 0419 260 925





## Canberra: 95 Grenville Court Phillip

(behind Discount Tyres)

email: southcanberra@batteryworld.com.au

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and speak to your locally owned and operated store.

**Pride** UTO **ACCESSORIES**

**Roof Rack**  
**CITY**

### “Think Outside The Car”



**10% discount for all Southern Tablelands 4 Wheel Drive Club members**

<p><b>Belconnen</b></p> <p>68 Oatley Court Ph: 02 6162 3808 Fax: 02 6162 3818</p>	<p><b>Fyshwick</b></p> <p>11 Kembla St Ph: 02 6280 6222 Fax: 02 6280 5314</p>	<p><b>Mitchell</b></p> <p>9 Kemble Court Ph: 02 6241 5898 Fax: 02 6241 7394</p>	<p><b>Phillip</b></p> <p>72 Dundas Crt Ph: 02 6162 1929 Fax: 02 6162 3929</p>	<p><b>Phillip - Roof Rack City</b></p> <p>30 Dundas Court Ph: 02 6281 7410 Fax: 02 6281 7861</p>
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