



Rangers' Review

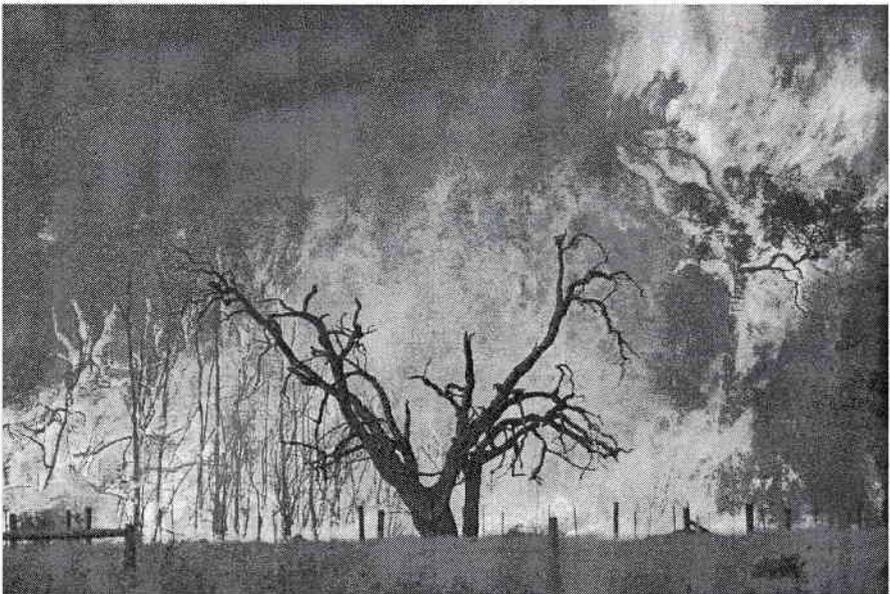
Mount Lofty Rangers Inc.

PO Box 1150, Blackwood SA 5051

www.mountloftyrangers.com.au

Volume 15 No.2

March 2009



One of far too many pictures from the terrible Victorian fires

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Mount Lofty Rangers Inc.

About Us

The Club's aim is to enjoy all aspects of owning and using our 4WDs while enjoying the diverse surroundings offered by this great country. We are a club of 4WD enthusiasts who enjoy challenging driving, regular trips, camping, camp cooks and a great social scene on and off track.

Membership

Membership is open to anyone who owns a 4WD regardless of its make or model and has a passion for driving. Mount Lofty Rangers Inc is an affiliated member of the SA Association of 4WD Clubs.

Club Outings

The Mount Lofty Rangers provides regular day, weekend and extended four wheel drive trips, lead by experienced trip leaders. Trips are rated on the level of difficulty and are available to all members and guests.

The club has a dedicated social committee who also organises regular events that complement the club trips.

Experience and Training

Our current members possess a wide range of skills ranging from beginner to advanced. The club has a number of accredited instructors and assessors, and is involved in regular training via the SAAFWDC Driver Training Unit.

Meetings

Club meetings are the second Monday of each month* and are held at the

Blackwood Football Club Trevor Terrace Blackwood

Time 7:15 pm

*Except where this Monday falls on a long weekend then the meeting is held on the 3rd Monday of the month

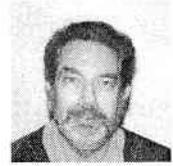
Information

For more information on the Club please check out our website at:

www.mountloftyrangers.com.au

MT LOFTY RANGERS UHF CLUB CHANNEL NO 27

Editorial



G'day Folks

The months roll around and with them the magazine issues. This month all of our thoughts are coloured by the terrible fires in Victoria and our sympathies are with all of the people who have suffered losses.

Last month there was a glitch in the crossword process which meant that a couple of the clues had the wrong spaces allocated to them. My apologies for that. Despite this, several people managed to complete the crossword and the first correct entry to reach me was from Eric Kalderovskis, who was very quick off the mark. Congratulations Eric, please see Trevor for your prize.

This month the theme is Australiana in all it's forms, so the clues range across Australian history, flora and fauna, geography, political figures and anything else I could dredge up. Good luck with it.

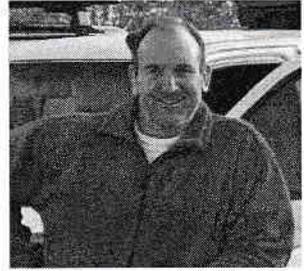
Now seems like the time to tell you that I shan't be continuing as editor of the magazine. Ros and I have decided that a change in lifestyle is called for, before we get too set in our ways and too old and creaky to do some of the things we'd still like to do. So we are selling our house and heading out in the Troopie. We don't know which direction we'll be going, probably it'll depend on which way we're pointing when we take off. Likewise, we have no plans as to how long we'll be wandering, months, years, who knows. When we feel like settling somewhere we'll do it.

I'm sure we'll come through Adelaide from time to time, go along on the occasional Club trip, and of course we still plan to lead the Canning/Gunbarrel next year. So, to coin a phrase, maybe we'll see you somewhere in the great outdoors (now where have I heard that before?)

Cheers

Barrie Davis

"Trevor's Presidential Report"



Hi all

As I sit down to write this month's report with the memory of our recent wonderful trip to the High Country still fresh in my mind, I can't help but reflect on what that beautiful area must now look like. The terrible scourge of fire which Australia endures from time to time appears to be getting worse in recent years.

The appalling loss of life in this latest series of fires is hard to come to grips with, to say nothing of the horrendous destruction of peoples' homes and with them a lifetime of possessions and memories.

But in all of the horrible stories and images which have rolled across our televisions in the last few weeks, perhaps the most moving thing has been the indomitable courage of the people who have been caught up in this tragedy. From the fire fighters, emergency service personnel, police, medical workers, air crews and countless others to the great number of people who have lost everything, the shining spirit of what makes this country what it is has been on display for all to see.

We in the four wheel drive community have for many years enjoyed the splendour of country in Victoria which now doesn't look too splendid. It is inspirational to feel certain that the people of Victoria will recover from this tragedy and so will their communities, albeit with some painful scars and memories which will last a very long time.

On a different subject, the AGM is in May and with it the election of office bearers of the Club. We will be looking to fill some vacant positions, so please give some thought to becoming a member of the committee. I will have nomination forms at the next meeting.

Trevor



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Medical Matters

Although not strictly a medical issue, this is something I came across which seems like a good idea...Ed

This is a standard procedure all paramedics follow at the scene of an accident when they come across your mobile/cell phone.

ICE - 'In Case of Emergency'

We all carry our mobile phones with names and numbers stored in its memory but nobody, other than ourselves, knows which of these numbers belong to our closest family or friends.

If we were to be involved in an accident or were taken ill, the people attending us would have our mobile phone but wouldn't know who to call. Yes, there are hundreds of numbers stored but which one is the contact person in case of an emergency? Hence this 'ICE' (In Case of Emergency) Campaign

The concept of 'ICE' is catching on quickly. It is a method of contact during emergency situations. As cell (mobile) phones are carried by the majority of the population, all you need to do is store the number of a contact person or persons who should be contacted during emergency under the name 'ICE' (In Case Of Emergency).

The idea was thought up by a paramedic who found that when he went to the scenes of accidents, there were always mobile phones with patients, but they didn't know which number to call. He therefore thought that it would be a good idea if there was a nationally recognized name for this purpose. In an emergency situation, Emergency Service personnel and hospital staff would be able to quickly contact the right person by simply dialling the number you have stored as 'ICE.'

For more than one contact name simply enter ICE1, ICE2 and ICE3 etc.

ICE will speak for you when you are not able to.

An object lesson on the importance of proper communication when giving out instructions. All four wheel drivers should take note:-

Ordering a cake by phone in Cabramatta (mostly Vietnamese-run shops) :

Cake-shop employee answers phone: "Harro, dis Cabramarra cake shop, how can I hep you?"

Customer: "I would like to order a cake for a going-away party this week."

Employee: "What you want writing on cake?"

Customer: "Best Wishes Suzanne"....underneath that...."We will miss you"

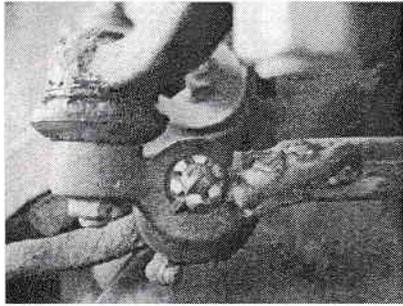


Joining Forces

7,686,850 square km. Yes there is a lot of land to explore in Australia, and if you are planning on travelling in remote areas, then being well prepared is the key to success. One area which can sometimes be overlooked is mechanical repairs. Mechanical failures do happen and you should be prepared with spares and tools to be able to carry out some basic (and sometimes major) repairs.

As part of your tool kit you should consider carrying some basic welding equipment. A very satisfactory repair can be done by using such equipment and the main part of the kit is already under your bonnet - your batteries.

Figure 1



Basic Principal

The basic principle of arc welding, is the fact that the positive and negative sides of a battery don't like being in contact with each other. When this occurs an electrical short circuit (or arc) is generated. The heat that is generated from this short circuit is high enough to be able to melt steel (approximately 1370 degrees Celsius). Arc welding expands this principal and uses a 'filler rod' (or electrode), to harness this powerful short circuit and feed new metal into the molten pool of steel. When we have a part that is cracked or broken, then this 'filling' of the joint (once cooled) joins the two parts together.

Fig 1 shows how the principle has been used out in the bush. The vehicle was on the Buchanan Highway in the Kimberley, when one of its steering tie rods snapped. Three batteries and a welding kit were used to re-attach the broken parts and the vehicle was able to carry on its journey back to Adelaide (via the bitumen).

Equipment

So what do you need to set up a welding kit for your next trip? Firstly, you could visit your local aftermarket accessory supplier and purchase a purpose-made kit. Piranha manufacture a well made and compact arc welding kit (Fig 2). This comprises of heavy duty leads for the battery connection, earth clamp, and welding rod holder. A carry bag and instructions are also included and it retails for approximately \$310.

A cheaper alternative though, is to purchase (or you may already have) a set of heavy duty jumper leads. These can be used to the same effect as a 'purchased kit', to connect the batteries and as electrode and earth leads (Fig 3 overleaf).

Figure 2 shows the Piranha kit connected to the batteries in the correct sequence and the welding process taking place.

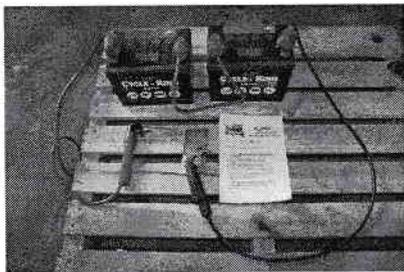


Figure 2

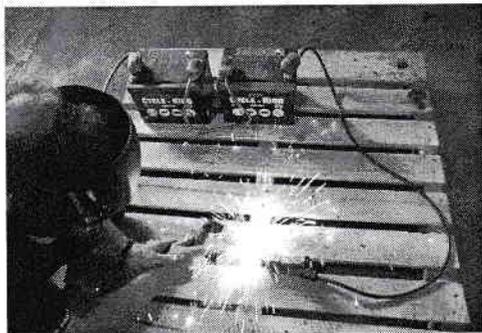
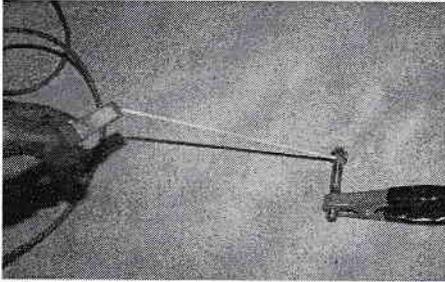


Fig3 - Using jumper leads in the welding kit



Here are some basic items that you can include in your welding kit (Fig 4).

- Thick welding gauntlets will protect your arms and hands from sparks.
- A wire brush and some coarse metal files can be used to clean and prepare the surfaces to be welded.
- A chipping hammer, to remove the slag that is left behind from the flux that covers the electrode.
- Scrap pieces of steel, old bolts etc, will enable a broken or cracked part to be strengthened.
- Turnbuckles can be used to pull two parts together that have broken, ready for welding.
- Vice Grips to help clamp parts together.

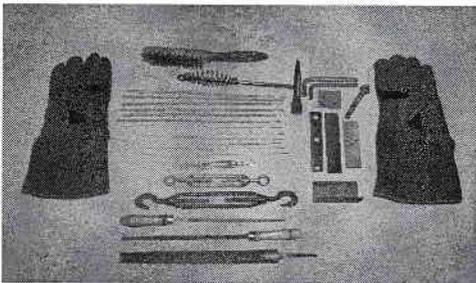


Fig 4

When it comes to eye protection, you have to be very careful. Firstly the arc welding process leaves behind a deposit (usually called slag) over the weld. The rods you are using and how good the setup is will determine how easily the slag can be removed. This is usually done with the chipping hammer and there is a real danger of the hot slag being 'flung' into the eye, so it pays to carry some safety glasses in your kit as well.

The main danger though, is the risk of 'arc eye'. This is a condition that can be caused by the ultra violet light given off during the welding process. This extremely bright light can inflame the cornea and burn the retina of the eye.

The way around this is to use one of the shields shown in Fig 5. You can take your pick from fully automatic darkening helmets, to the full face traditional, cut down traditional or even just the tinted welding glass (which can be fabricated into the side of a cereal box for added protection if required).



Figure 5

Getting Started

If you are not a regular welder, then you will need to practice. Find a mate that knows how to weld and get some tuition from them. Practice, Practice, Practice! The welding kit won't be of any use to you out in the bush if you don't know how to weld with it (although if you are travelling in a group, then usually someone will have some knowledge).

The main 'trick' is to master the initial 'arcing up' of the rod. This involves touching the work piece with the rod until it arcs and then backing away slightly, to avoid the rod sticking and to enable the weld pool to be created.

Once the weld pool is created a steady hand is needed to move the electrode along the work piece, at the required speed and to maintain the arc gap to keep the weld pool formed (as the electrode is consumed the hand has to move the electrode towards the work piece to maintain the correct arc gap). After each successive weld the slag should be removed and the work piece thoroughly cleaned with the wire brush to remove contaminants.

Welding rod technology has progressed somewhat these days and it is no longer necessary to carry a variety of different rod types. You only really need to take 'weld all' rods. These rods have properties that enable easy striking of the arc, give good smooth penetrating welds, with the main benefit of being able to weld dissimilar metals. They can be used on spring steel, mild steel or a combination of both. They also have better ductile strength than an all stainless steel rod (which would have been used in the past for joining spring steel).

You should carry a selection of 2.5mm and 3.2mm diameter rods, as anything bigger is getting border-line with the power that is available. An important factor in the welding process is that welding rods don't work too well when the outer coating of flux (the part that protects the weld pool from oxidation and contamination, by producing CO₂ during the welding process) is damp or damaged. So it pays to keep them in a moisture and shock proof container.

Set up Guide

- Remove the batteries from the vehicle(s) and place as far away from work piece as the leads will allow. Two batteries (24volts) as a minimum or three batteries (36volts) for heavy duty applications.
- Connect the positive of the first battery to the welding electrode
- Connect the batteries in series. i.e.: negative terminal of first battery to the positive terminal of the second battery (repeat for third battery if applicable).
- Connect the negative of the second (or third) battery to the work piece.
- Clean the work piece thoroughly where the welding is to take place (any contaminants will weaken the welded joint).

- Add bracing to the work piece if required.
- Bring the welding electrode into contact with the work piece until an arc is struck and a weld pool formed.
- Move the electrode (and hence the weld pool) along the work piece until the damage is repaired.

Safety first

- Ensure no flammable products are close to the area to be welded.
- Always have a dry powder fire extinguisher handy when welding, as water and electrics don't mix!
- Use a tinted welder's glass to protect the eyes from Retina damage.
- Wear protective gloves and long sleeves.
- Wear eye protection when cleaning work piece.
- Disconnect the vehicles batteries (if not using them for welding).
- Ensure adequate ventilation, as poisonous fumes are given off during the welding process.
- If welding under the vehicle, ensure it is secured properly.
- Once the welding process is complete, be aware that the work piece will be very hot.
- Batteries give off hydrogen gas when cycling, so ensure that they are placed as far away from the welding process as possible and with good ventilation, to avoid any chance of explosion.

Welder Upgrade

If you are looking for the ultimate in bush welding equipment, or you have the need for a small portable MIG welding device, then Piranha may also have the solution.

The 'Ready Welder II' is a portable 12 volt MIG (Metal Inert Gas) welding assembly. It is supplied in a sturdy carry case and comes complete with everything you need to set up and weld (except the batteries).

It utilises the small spools of gasless (flux core) MIG welding wire that some of the 240 volt gasless MIG welders employ (it can also be set up with the appropriate gas bottle for traditional gas shielded MIG welding).



The wire spool is held in the hand piece and the battery connections are set up in the same

sequence as for the arc welding kit. If connected to a single 12 volt battery, thin sheet metal can be welded. Two batteries connected to give 24 volts will enable 12mm thick steel to be welded at 275 amps, and if you really need it, three batteries can be connected giving 36 volts and enabling 19mm thick steel to be welded at 350 – 400 amps.

The Ready Welder II retails for approximately \$1150 and can be obtained from your local Piranha stockist.

*Thanks to Neil Cook
for this excellent
article.... Ed*





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CLEAN UP AUSTRALIA DAY

Australians cleaned up more than 8000 tonnes of rubbish in this year's Clean Up Australia Day and the Mount Lofty Rangers once again did their bit to help.

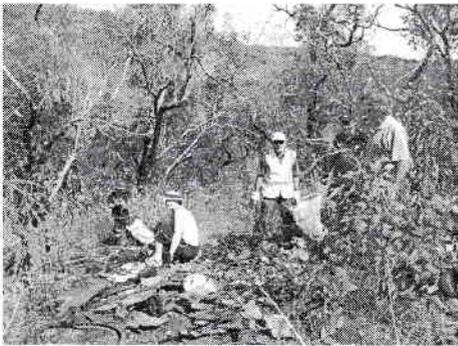
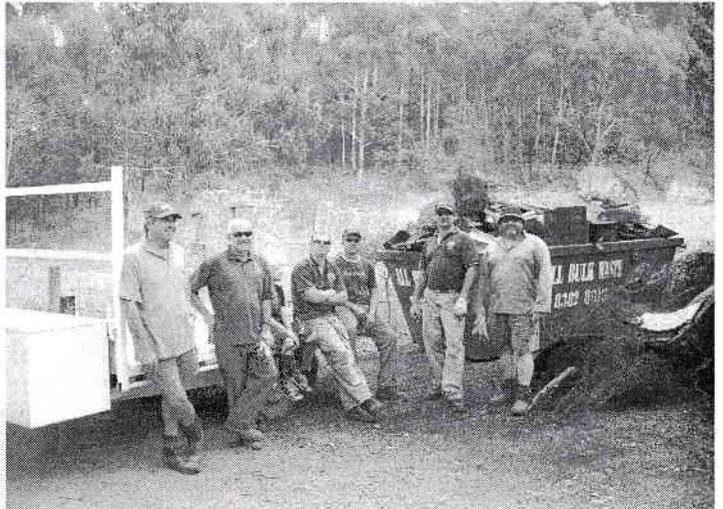
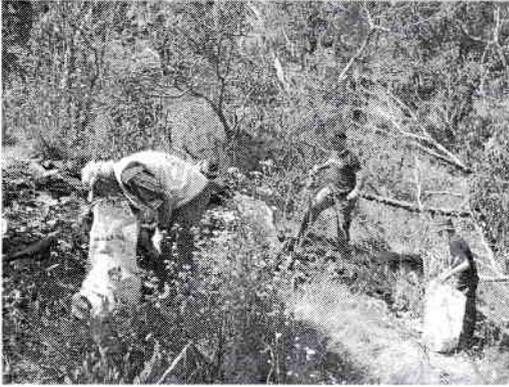
The fifteen or so volunteers met at the Almanda Mine site adjacent to the Scott Creek conservation park for an early morning start to clear roadside debris along Dorset Vale and Frith roads. Our co-ordinator Tim Byrne completed the necessary registration and paperwork and delegated sites to be cleared and the group split up with an array of utes and trailers ready to be filled.

A couple of hours combing the roadside vegetation soon saw us heading back to the dump site with a dozen car tyres, rolls of cyclone fencing, hydroponic 'gardening' refuse and the remnants of a burnt out BMW.

Satisfied that the roadside verges were done we headed into an area of the conservation park where we quickly filled two trailers with rusty iron that had probably been dumped decades ago before stopping for a BBQ lunch.

After lunch we had a short reconnaissance drive through the park with a view to next year's clean up or a future working bee. This gave us the chance to lock in the hubs and tour some nice bushland on a couple of tracks. After dumping the remainder of the scrap iron Tim had a short chat with the NPWS ranger, who was very impressed with our efforts, which may lead to some access next year to some of their land.

All in all a good days effort by the members who attended. If 4WD clubs can lead by example in helping to preserve our environment it will help us all maintain access to tracks in the future, at a time when they are closing at an alarming rate. Remember to Tread Lightly and take your rubbish home with you next time you venture out.



Life in the Australian Army

Believe it or not, a friend of mine in Canada sent this to me. Small world, eh? ... Ed

Text of a letter from a kid from Eromanga to Mum and Dad. (For those of you not in the know, Eromanga is a small town, west of Quilpie in the far south west of Queensland)

Dear Mum & Dad,

I am well. Hope youse are too. Tell me big brothers Doug and Phil that the Army is better than workin' on the farm - tell them to get in bloody quick smart before the jobs are all gone! I wuz a bit slow in settling down at first, because ya don't hafta get outta bed until 6am. But I like sleeping in now, cuz all ya gotta do before brekky is make ya bed and shine ya boots and clean ya uniform. No bloody cows to milk, no calves to feed, no feed to stack - nothin'!! Ya haz gotta shower though, but its not so bad, coz there's lotsa hot water and even a light to see what ya doing!

At brekky ya get cereal, fruit and eggs but there's no kangaroo steaks or possum stew like wot Mum makes. You don't get fed again until noon and by that time all the city boys are bugged because we've been on a 'route march' - geez its only just like walking to the windmill in the back paddock!!

This one will kill me brothers Doug and Phil with laughter. I keep getting medals for shootin' - dunno why. The bulls-eye is as big as a bloody possum's arse and it don't move and it's not firing back at ya like the Johnsons did when our big scrubber bull got into their prize cows before the Ekka show last year!

All ya gotta do is make yourself comfortable and hit the target - it's a piece of piss!! You don't even load your own cartridges, they comes in little boxes, and ya don't have to steady yourself against the rollbar of the roo shooting truck when you reload!

Sometimes ya gotta wrestle with the city boys and I gotta be real careful coz they break easy - it's not like fighting with Doug and Phil and Jack and Boori and Steve and Muzza all at once like we do at home after the muster.

Turns out I'm not a bad boxer either and it looks like I'm the best the platoon's got, and I've only been beaten by this one bloke from the Engineers - he's 6 foot 5 and 15 stone and three pick handles across the shoulders and as ya know I'm only 5 foot 7 and eight stone wringin' wet, but I fought him till the other blokes carried me off to the boozier.

I can't complain about the Army - tell the boys to get in quick before word gets around how bloody good it is.

Your loving daughter,

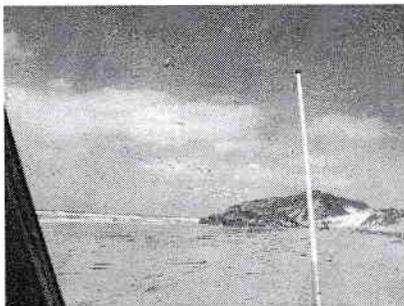
Sheila

BEACHPORT TO ROBE

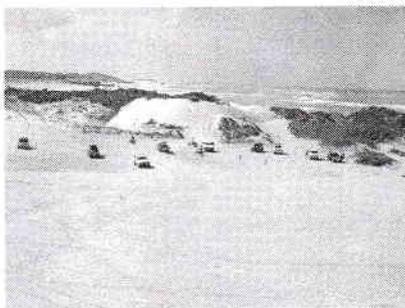
Australia Day weekend

It started off as a beautiful sunny day. Shorty was the trip leader with ten other vehicles in the convoy. We all headed towards Beachport conservation park to start the trip along the beach. After airing down all our tyres we proceeded onto the beach. The sand was a little soft but it was driveable.

Shorty giving the local seagulls a fright!



Along the way we met a few groups heading in the opposite direction. At the first really soft dune, one of our convoy members had to have a few attempts to make it over. On one of the attempts, his ENTIRE fuse box decided to depart from his dashboard, after the screws holding it dropped out! (Great advert for a new car)! He was finally snatched over the top.



The gang seen from the top of Little Red

After driving for a short while, we came to what is known in 4WD clubs as Little Red. All of the trip members had a short play on this sand dune, which at times can be a bit difficult.

We then carried on north along more beaches and tracks until we came to a nice spot along the beach at which we had lunch.



*Pretty spot for lunch,
out of the wind*

After our lunch break, the convoy once again headed north for the little fishing village of Nora Creina, which is privately owned. You are allowed to drive through, but only at 10 km an hour. Just before getting there we came across the Jeep Club and said hello to a few friends we know. After saying our goodbyes we drove through Nora Creina and on to a very corrugated dirt road which leads to Little Dip conservation park. On the track into the park our illustrious leader found the only dead end track in the park, after taking the left fork instead of the right!

After setting him right, we continued north along the many beaches and tracks, where somewhere in the park one of our convoy members lost the top half of his sand flag. Jokes were made that it was probably hanging in a tree somewhere! A few laughs were had and someone offered him a loan of a spare flag and pole.

*I was the "loser" of the sand
flag, and curiously I didn't think
it was all that funny! ... Ed*

*Someone had the bright idea of
keeping the kids occupied digging a
hole in the sand. Great idea, worked
for quite a while!*



Upon getting off the beach and out of the park via a very bouncy set of wooden planks, a few of the convoy decided they would turn around and head back to Beachport via the same beach and tracks. The rest of us headed into Robe where we aired up our tyres and some of the members had a well- deserved coffee or drink and ice cream!!

Jim wedged on the top of a sand dune after taking his foot off the gas just a fraction too early. It's a fine balancing act between lifting off too soon which has this result, and too late which launches you over the top of the dune like a Saturn 5!



A big thankyou to Shorty (Dave Wilsmore) for a great trip!!

PS After this trip I will be patenting a 4WD bra so that us women can wear it every time we go out on bouncy or rocky conditions!!

Trish Dal Santo



Official Information Release from Four Wheel Drive SA

4WD Matters

Local Australian Subsidiary of Four Wheel Drive Camp Incorporated ABN 21 036 895 650 (affiliated to Four Wheel Drive South Australia)

FWDSA Family Fun Weekend & AGM Notice - 17/02/2009

March 27-29 2009

All roads lead to-
Burra
 for the FWDSA
 Family Fun Weekend
 & AGM



Photographs courtesy of the Burra Visitor Information Centre

Burra, 154km north of Adelaide, is ideal for day or weekend trips. The town began after the discovery of copper in 1845. The mining of \$300M dollars (in today's value) worth of copper saved the colony of South Australia from bankruptcy.



At its peak the population reached 5,000, with 1600 living in 3 miles of tiny dugouts in the banks of the Burra Creek. Forced out by floods and disease, four separate, self-sufficient villages were developed; the Cornish in Redruth; the Scots in Aberdeen; the Welsh in Llwhchwyr; and the English in Hampton.

At the Burra Showgrounds - 27-29 March

- Secure Camping (see Registration Form)
- Continuous Tea/Coffee - BYO CUP
- 'Concourse 4WD'elegance' ???
 Entries Close 12:00 Sat. - Judging by 4:00pm
 (longest trip/dirtiest vehicle/most accessorised vehicle/biggest hard luck story)
- 1:00-2:00pm Sat Tag-a-long tours depart
 (details see over page)
- 3:00pm Afternoon Tea \$5.50 - local bakery items



At the Burra Town Hall - Sat 28 March

- 10:30am Free FWDSA AGM Morning Tea (for Delegates only).
 - 11:00am FWDSA AGM
 - 12:10pm Free BBQ - BYO Seat & Drinks
 (in the park across the footbridge)
 - 6:15pm FWDSA Dinner (see menu for prices)
- PLUS Quiz Night - donation at door**
 (in aid of the Royal Flying Doctor Service)
- Teams of 10 - BYO Drinks, Glasses & Cups
 Nibbles, Prizes, Raffles and Presentations



Disclaimer: This publication was prepared by 4WD Adventurers Club for Four Wheel Drive South Australia. Every endeavour has been made to ensure the accuracy in compiling this publication however inaccuracies may still occur which could result in the user being misinformed. While regretting such occurrences Four Wheel Drive South Australia cannot accept responsibility for any consequences whatsoever which may result therefrom.

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2. Team Poly bull bar, Good condition, couple of light scratches, suit NL, **\$500** ono

3. Head Lamp Protectors, genuine Mitsubishi, suit NH - NL, **\$25**

4. Manual Locking Hubs, good condition, Genuine Mitsubishi, Aisin, suit NH to NL, **\$100**

5. Second Battery Tray, home made to same design as Piranha etc, gold passivated, suit NH to NL, **\$100**

6. Uni Filter air filter, C/W 2 cleanable filters & main housing body, off 2.8td NL, **\$60**

7. Rectangular spot lights, Genuine Nissan (IPF ?), **\$100**

8. Rear Swaybar disconnects, unique way to gain an extra couple of inches of rear wheel travel, suit NH to NL coil rear, **\$100**

Neil Cook 0400 416 220 nlhcook@adam.com.au

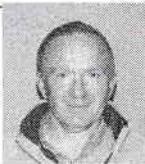
Upcoming Trips

Summary of up coming trips:

When putting your name down for a trip you **MUST include your contact number** If you cannot attend and your name is on the trip sheet you **MUST** contact the trip leader or Trips coordinator.

- 21 - 22 March Ngarkat/Big Desert
- School Holidays Coffin Bay
- 9 - 13 April Mt Cole
- Mid May Basic Training
- 6 - 8 June Bendleby Ranges
- 4 - 13 July Painted Desert
- 31 Aug—13 Sept Bridsville Races
- May/June 2010 Tanami/Canning/Gunbarrel

Unless otherwise specified, ALL MLR trips use UHF channel 27

Trip	Ngarkat/Big Desert
Date/s – Duration	21 - 22 March
Trip Leaders	Pat O’Kane 
Convoy limit	8
Distance – Kms	300 kms
Departure / meeting point & time	TBA
Difficulty	Easy to Moderate
Special Requirements	
General comments	Camping at Big Billy bore

Upcoming Trips

Trip	Coffin Bay/Gawler Ranges
Date/s – Duration	April School Holidays
Trip Leaders	Gary Sawyer/Rob McLintock 
Convoy limit	8
Distance – Kms	700 kms
Departure / meeting point & time	TBA
Difficulty	Moderate
General comments	Second week Gawler Ranges

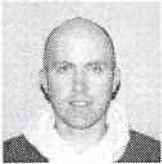
Unless otherwise specified, ALL MLR trips use UHF channel 27

Trip	Mt Cole State Forest
Date/s – Duration	9 - 13 April
Trip Leaders	Dave Willsmore 
Convoy limit	10
Distance – Kms	1,000 kms
Departure / meeting point & time	TBA
Difficulty	Moderate to hard
General comments	Chinaman's Camp Ground 9 April, bush camping, campfire, long drop toilet and water available

Upcoming Trips

Trip	Basic Training Theory
Date/s – Duration	2 - 3 May
Trip Leaders	Tim Byrne 
Departure / meeting point & time	Byards Community Centre, Byards Road Happy Valley
General comments	Saturday and Sunday Theory training

Unless otherwise specified, ALL MLR trips use UHF channel 27

Trip	Bendleby Ranges - via Orroroo
Date/s – Duration	6 - 8 June
Trip Leaders	Richard Williams 
Convoy limit	8
Distance – Kms	600 kms
Departure / meeting point & time	TBA
Difficulty	Moderate
General comments	No low clearance vehicles

Upcoming Trips

Trip	Simpson Desert—Painted Desert
Date/s – Duration	4 - 13 July
Trip Leaders	Paul McGregor 
Convoy limit	5
Distance – Kms	600 kms
Departure / meeting point & time	TBA
Difficulty	Moderate
General comments	No camper trailers or caravans

Trip	Birdsville Races
Date/s – Duration	31 Aug - 13 September
Trip Leaders	Chris & Steve Wrobel
Convoy limit	6
Distance – Kms	TBA
Departure / meeting point & time	TBA
Difficulty	Moderate
General comments	Birdsville track, Birdsville, Durrie, Innamincka, Cameron Corner, Broken Hill

Upcoming Trips

Trip	Tanami/Canning/Gunbarrel
Date/s – Duration	May/June 2010
Trip Leaders	Barrie Davis 
Convoy limit	7
Distance – Kms	10,000 kms
Departure / meeting point & time	TBA
Difficulty	Moderate to very hard
General comments	Mostly bush camping, tents only, duration 5 to 6 weeks depending on conditions

Guest Speaker

16 March 2009

Tom Hands

From

Friends of Scott Creek Conservation Park

Club Trainers

Trainers: Ian Manglesdorf, Paul West, Tim Byrne, Paul Tabone

Assessors: Ken Bradey, Mark Curtis, Jeff Morgan, Ricky Esser,

MLR Club Training

Contact: Tim Byrne, Education Officer Mobile: 0412 527 176

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Convoy Procedures

1. Trip leader to call group meeting prior to start and remind members of Convoy Procedures.
2. Observe road rules at all times.
3. All vehicles are responsible for the following vehicle when turning off road and at cross roads.
4. A vehicle leaving the convoy for any reason shall wave on the remainder of the convoy and inform the Tail-End Charlie of their intentions.
5. Trip leader to appoint Tail-End Charlie for each Trip.
6. No vehicle to pass trip leader unless in an emergency.
7. Keep a safe distance behind vehicle in front at all times, especially in hilly country, or when brakes are wet.
8. Allow vehicle in front to get over the crest of a hill before attempting to follow. If you get stuck, get out and stop the vehicle behind you.
9. Lead vehicle to carry flag on hill trips.
10. Nominated track marshals will regulate traffic on sites nominated by trip leader - i.e. blind hills and dangerous points.
11. If winching is necessary the winch operator will automatically become track marshal.
12. Vehicles in the club carrying recovery equipment or personal (i.e. winches, beds, nurses or doctors) will be classified as emergency vehicles and as such must be given clear passage and right of way.
13. In the event of a mishap during a run all non-emergency vehicles will keep the immediate area clear to enable the necessary vehicles to approach without obstruction.
14. When winches or snatch straps are being used all persons are to stand well clear (at least 1 - 1 1/2, lengths of the cable/strap in all directions).
15. Any driver not complying with the instructions given by the track marshal or emergency personnel will be referred to the Executive Committee for disciplinary action (i.e. suspension or fine).
16. All drivers are responsible for their passengers at all times.
17. When driving on gravel or dusty conditions headlights should be on low beam, both day and night.

Minimum Equipment Requirements

The following item shall be carried at all times by ALL vehicles attending Club trips.

- Snatch Strap.
- Front & Rear recovery or tow points.
- First Aid Kit.

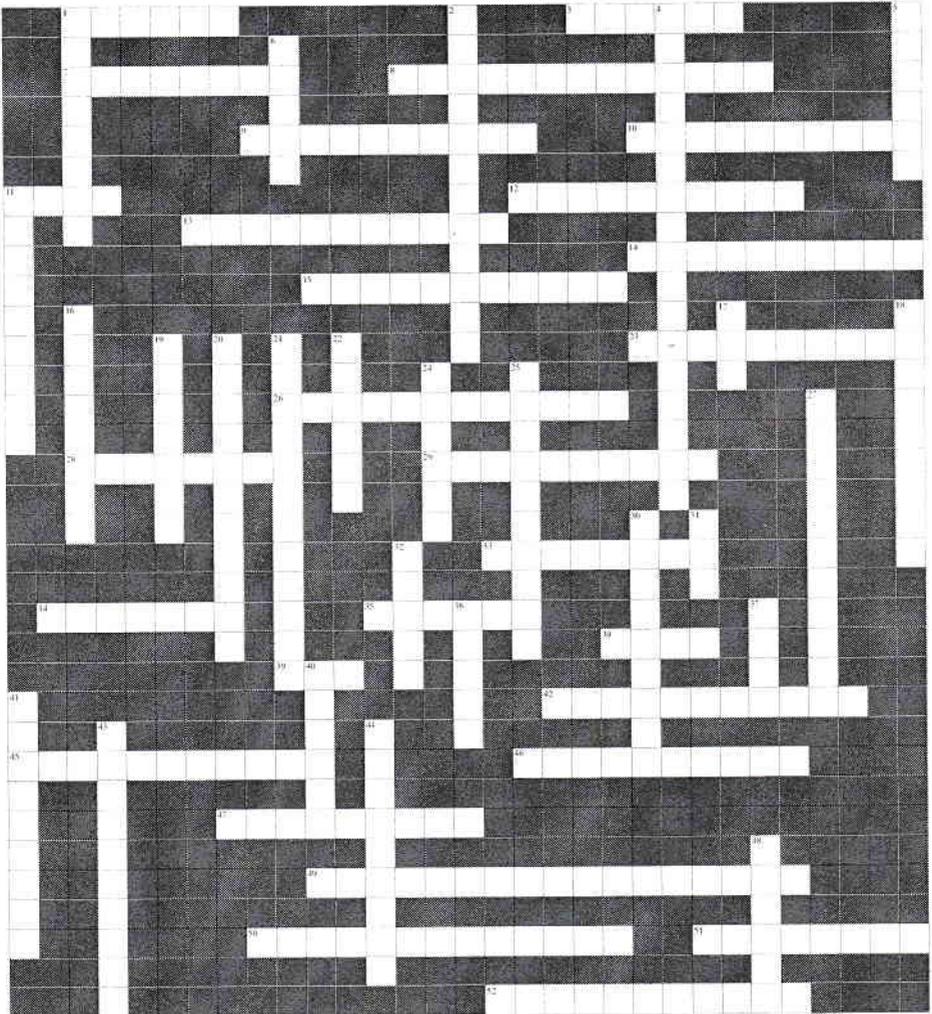
If by chance you do not meet these requirements please inform the Trip Leader at the first meeting point.

Australian National 4WD Council

Four Wheel Drivers Code Of Ethics

1. Keep to the laws & regulation for 4wd vehicles. (They may change from state to state)
2. Keep to constructed vehicle tracks. Do not drive 'offroad'.
3. Keep the environment clean. Carry your own - and maybe other peoples' - rubbish home.
4. Obey restrictions on use of public lands. Respect national parks and other conservation areas.
5. Obtain permission before driving on private land. Leave livestock alone and gate as found.
6. Keep your vehicle mechanically sound.
7. Take adequate water, food, fuel and spares on trips. In remote areas travel with another vehicle.
8. Respect our wildlife. Stop and look, but never disturb or chase animals.
9. Respect other recreation lists rights to peace and solitude in the bush.
10. Obey all fire restrictions. Extinguish your fire before leaving. Don't let your exhaust emit sparks.
11. Help in bush fire emergencies and search & rescue, if you are properly equipped and able.
12. Join a 4wd Club and support 4wd touring as a responsible and legitimate recreational activity.

This Code is valuable only if you observe it.



Picture: ianwood.com

Across

1. Creek, mostly dry
3. One of two places in Australia attacked by air in World War Two
7. Northernmost point of mainland Australia (4,4)
8. First governor of NSW (6,7)

9. Southern Australian territory
10. Architect of the Sydney Opera House (5,5)
11. Australian railway
12. Mythical place furthest from anywhere (5,5)
13. Australian eye surgery pioneer (4,7)
14. Author of Power Without Glory
15. Aviator who set Sydney to Bundaberg record of 8.5 hours (4,7)
23. The other place in Australia attacked by air in World War Two
26. First Governor General (4,8)
28. Lowest point in mainland Australia (4,4)
29. Who opened the first Australian parliament in Melbourne (4,2,4)
33. Governor General during the dismissal (4,4)
34. Insect that eats wood and grass
35. Stony desert
38. River in the middle of Australia
39. Flightless bird
42. Official historian of the First World War (7,4)
45. NSW premier who gave the Tenterfield Oration (5,6)
46. Explorer who built the bomb roads (3,7)
47. Deadly poisonous spider (6,3)
49. Author of My Country (8,9)
50. Author of Australia's best known song (5,8)
51. Legendary discoverer of gold reef
52. Pioneer of heart surgery in Australia (6,5)

Down

1. Company that developed the bionic ear
2. Australian author who won the Nobel Prize for literature (7,5)
4. Southernmost point of mainland Australia (7,10)
5. Source of large numbers of moths
6. Ubiquitous small lizard
11. Genus of Australia native plant in the Protea family
16. Clancy came from here
17. Everyone's favourite barbeque intruder
18. Subject of the world's first feature film (5,4)
19. Australian rocket range

20. Prime Minister who formed the Commonwealth Police (5,6)
21. Australia's national floral emblem (6,6)
22. First Australian prime minister
24. First Australian designed car
25. Westernmost point of mainland Australia (5,5)
27. Ship which brought female convicts to Australia (4,7)
30. Location of the first Olympic games in Australia
31. Northern river
32. Type of Australian penguin
36. Australian explorer
37. Wichetty
40. Australian Antarctic explorer
41. Founder of the RFDS (4,5)
43. Northernmost point in Australia including islands (6,3)
44. Treeless plain

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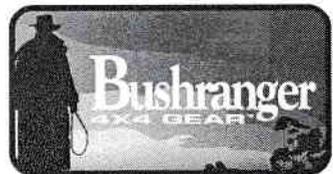
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FEBRUARY 2009 ANSWERS

Across

5. **PEGS**—To hold clothes on line
7. **FRONT DOOR**—How you get in (5,4)
9. **BATH**—Washing container
11. **CHAIRS**—You sit on these
13. **CUPBOARDS**—Places for storing just about anything
16. **REMOTECONTROL**—Saves you getting up to change channels (6,6)
18. **CURTAINS**—Window decoration
21. **TABLES**—You eat at these
25. **BACKDOOR**—You may get out here (4,4)
27. **IRONINGBOARD**—Use to take the creases out (7,5)
28. **BOOKSHELF**—To store books
30. **KETTLE**—Water boiling device
32. **OVEN**—Cooking box
34. **LOUNGE**—Place for relaxing
35. **MAILBOX**—Where the postie leaves things (4,3)
37. **GARDEN**—Home for plants
39. **BEDROOM**—Sleeping chamber
41. **DOORBELL**—Visitor's alarm (4,4)
44. **COMPUTER**—Modern calculating system
47. **WOODSTOVE**—Old fashioned heating method (4,5)
48. **CARPET**—Floor covering
49. **WARDROBE**—Keep your clothes in this

Down

1. **BED**—Here you sleep
2. **BOOKS**—For reading
3. **GARAGE**—Where you keep the car
4. **CLOCKS**—Keeps you in time
6. **SHOWER**—Alternative to bath

8. **WASHINGBASKET**—Devide to carry wet washing (7,6)
10. **AIRCONDITIONER**—Keeps you cool (3, 11)
12. **FAMILYROOM**—Where we all gather (6,4)
14. **PHONE**—Communication devide
15. **FLYSCREENS**—Keep insects out (3,7)
17. **STAIRS**—To get from one level to another
19. **SAUCEPANS**—Containers to cook in
20. **MICROWAVE**—Electronic oven
22. **IRON**—Used after washing
23. **KITCHEN**—Location for cooking
24. **ROOF**—Top of the house
26. **LAWNMOWER**—Grass cutter (4,5)
29. **FRIDGE**—Keeps things cold
31. **TV**—For watching
33. **BLINDS**—Keep the sun out
36. **BARBECUE**—For outside cooking
38. **DISHWASHER**—Saves you having to do the dishes
40. **CLOTHESLINE**—For hanging wet clothes (7,4)
42. **RADIO**—For listening
43. **LAUNDRY**—Room for washing
45. **PICTURES**—Wall decorations
46. **HANGERS**—Keeps clothes upright

MOUNT LOFTY RANGERS 4WD CLUB



GENERAL MERCHANDISE RANGE

Cloth Badges	\$7.00
Car Stickers	\$2.50
Name Badges	
Initial 2 on joining	FREE
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Club Flag	Puncture Repair Kit *
GPS Promotional Videos	First Aid Kit *
Maps	4 x Lightweight Shelters with sides.

* *Please replace used items*

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MOUNT LOFTY RANGERS 4WD CLUB



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Sizes available for the clothing range are S, M, L, XL, XXL & XXXL

So let's get out there and support & promote our club to the 4wd community

see Andrew Thomas 0408 854 694

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