



VEHICLE CLUB
Wellington (inc)



VEHICLE CLUB
Wellington (inc)

May 2005

The Official Magazine of

The Cross Country Vehicle Club (Wellington) Inc

PO Box 38-762, Te Puni, Wellington

www.ccvc.org.nz

Cross Country Vehicle Club (Wellington) Inc
PO Box 38-762, Te Puni, Wellington
www.ccvc.org.nz



CCVC Life Members

Andy Cockroft	Bob Jeffrey (Deceased)	Bruce Mulhare	George Bean
Graham Barr	Heather Jeffrey	Leith Bean	Mike Gall
Owen Farghar	Raynor Mulhare	Ron Oliver (Deceased)	Ron Wadham
Steve Lacey	Stuart Brown	Tom Adams	Tony Street
Vern Lill			

**The club meets at 7:30pm on the 2nd Wednesday of each month
at the Petone Working Mans Club, Udy Street, Petone.**

MAGAZINE CONTRIBUTIONS

This is your magazine so it can only be as good as the contributions you make!! We need any articles, trip reports, technical items, "How-To's", etc to be in the hands of the editor by the end of each calendar month. Please post to 34a Hine Rd Wainuiomata, fax to 04 914 8366 or email to newsletter@ccvc.org.nz

SAFETY POLICY

Should any members fail to return from any outing, four wheel drive or otherwise, whether as a club member or as a private individual, the following person/s should be contacted in the first instance:

Jim Johnson 04 938 9404 (home) or 021 389 404

Gavin Holden 04 478 4666 (hm) or 025 249 1959

DISCLAIMER: *The opinions expressed in this magazine are those of the contributors and not necessarily those of the club, it's executive or committee members. Publication of maintenance techniques or mechanical modifications should be weighed against generally accepted procedures and the Club should not be considered an authority in this area. The mention of products, service procedures or service organisations herein does not constitute endorsement by the Club, the Cross Country Chronicle or it's Editor.*



Editorial Ramblings

Hi there

I was looking through a box of old CCVC documents and found a few clippings related to past Deadwoods - so have scanned a few and put in the "From the archives" section - these are particularly relevant just now as we are starting work on organising the next Deadwood. If you are interested in helping, please contact the club captain for more details.

I am off to help with another of Sam's readers trips just prior to publication - this time in Woodhill Forest, north west of Auckland. Brilliant place to play, if you ever get a chance to visit then I would recommend you jump at it. See you out there...

Alan...

Ed's Picture: How would this go on some of the tracks in the Aka's???



Front cover photo: This is what greeted visitors when they turned up at the Orange Hut recently - looks like a rebuild (again!) might be on the

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President's Piece - May 2005

Hi Club Members - thanks to all of you for your patience over the last few months while the new constitution has been worked through. It was approved by an overwhelming majority vote at the April club night and is now going through the registration process at the Companies Office.

Associated with the new constitution, now known as "Rules of the Club", there is a club manual which includes all our other procedures and things. This is only available on our members' website at present and, being a bit of a hodgepodge of documents developed over the years, will be gradually tidied up as time goes by.

So what difference will all this make? Hopefully very little, as the rules are really there to give us all a common understanding of the way the membership at large wants the club to be run, and to help sort things out if we have problems.

There is one noticeable change though: confirmation of the widely-held view that our club night should indeed be about 4wd and fun, rather than administration and politics.

So do come along to our May club night, where we'll experiment with some changes and we'll see how you like them.

The main activities we've planned for the first of the new-look club nights include, not necessarily in this order, and aiming to finish at a reasonable time:

-  Bar open at 7:15 pm. Do remember your drinking and driving responsibilities!
-  Tea, coffee, juice available throughout the meeting, not just at the end
-  Chairs arranged around small tables, rather than in rows
-  Most of the normal 4wd items, like:
 - * Trip planning
 - * Land access
 - * Trip reports and photos (and let's get more of us talking about these!)
 - * Buy, sell, swap
 - * Monthly awards: Gumboot, Orange Roughy, BSA Trophy, Scratchies
 - * Monthly raffle
-  Welcome to any individual new members accepted in the last month
-  Notices, from committee and members (no planning, just stand up and say it)
-  Mechanical feature (this time: a free-wheeling hub, a damaged harmonic balance)
-  Speakers' Corner, where anyone can have their say about anything they like
-  Feedback session, to get your ideas on what you'd like to have at club nights, for example interesting info from expert members (how to do a body-lift), specialist guest speakers, views about the bar being open...

I hope to see lots of you there on May 11, to enjoy the evening and contribute to club life.

Here's to lots of safe off-roading...
Grant Purdie, Club President, 3 May 2005



Equipment Required

In accordance with club policy, the following equipment is required on all Club trips:

1. Front and rear tow hooks
2. Shovel
3. Fire extinguisher
4. First-aid kit
5. Basic tool kit
6. Kinetic rope or strop
7. Roll bar or cage for all open / soft top vehicles
8. Spare tyre and wheel changing equipment

If these items are not present in your vehicle at the beginning of a trip, the trip leader has the authority to exclude you from the trip. Details are set out in the Club's Vehicle Safety and Equipment Inspection document. All member vehicles going on club trips must display a current club safety inspection sticker.

Trip / Convoy Rules:

1. The trip leader is always in charge. Please recognise their authority follow their instructions and give him / her the respect they deserve
2. No dogs or firearms
3. Guests on a Club outing are the responsibility of the Club member who invited them
4. No drinking and driving
5. Keep the vehicle immediately behind in sight. This is particularly important when you come to a turnoff. There is no excuse for vehicles taking the wrong track because of the driver in front not obeying this rule
6. Keep your position in the convoy i.e. no passing
7. Watch vehicle spacing on public roads to ensure that public vehicles can pass in safety
8. Make sure the vehicle in front has cleared an obstacle before you attempt it
9. If you must leave the convoy, inform someone
10. Respect the environment
11. Expect to provide a write-up and / or photos for the Club newsletter from time to time if you participate in Club trips.



Trip Categories

Please be aware that the trip category requirements and any *additional* requirements as detailed on the Trip Information Sheet for the trip will be strictly enforced for safety reasons. The Trip Leader is able to waive a particular requirement for a trip, if the circumstances of the trip permit. The Committee requires Trip Leaders to turn away vehicles or drivers that do not comply. The updated trip category definitions are included towards the end of the Chronicle.

It should also be noted that if a trip does not have a Trip Information Sheet in the Chronicle or it doesn't appear on the CCVC website, then it may not be an official club trip and the club insurance policy may not apply.



Vehicle Inspectors

Dayal Landy
Troy Manderson
Gold Coast Mechanical
2 Epiha St
Paraparaumu
Ph. 04 902 9244

Antony Hargreaves
Epuni Motors 1987 Ltd
2 - 6 Hawkins St
Lower Hutt
Ph. 04 569 3485

Dave Bowler
Bowler Motors Ltd
11 Raiha St
Porirua
Ph. 04 237 7251

Gary Young
VTNZ Upper Hutt
847 Fergusson Dr
Upper Hutt
Ph. 04 527 0501
or 025 686 7689

Steve Lacey
Wellington Vehicle Compliance
17 - 20 Rutherford St
Lower Hutt
Ph. 04 570 6039

Grant Guy
James Oliver
G Guy Motors
61-63 Thorndon Quay
Wellington
Ph. 04 472 2020

Mike Egan
M Gall 4 Wheel Drive
3 Happy Valley Road
Wellington
Ph. 04 383 6554

Carl Furniss
Wellington 4WD Specialists
26 Hawkins Street
Lower Hutt
Ph. 04 976 5325

Jim Johnson
Ph. 04 938 9404 or 021 389 404

NB: Please remember to call and make an appointment before turning up for an inspection!

Upcoming Events

May 15 (rain day May 22): 4WD Rally. Middle Districts Lions Club in conjunction with George Walker Commercials. Santoft Forest, Scotts Ferry, \$50 per vehicle. Contact Murray Mills on 06 326 9619 or email mdmills@clear.net.nz

Jul 08-10: Family Snow Trip. Central Plateau, based in Ohakune. Fully guided, suitable for all 4WD's with dual range. Mud tyres and some recovery gear essential. \$125 per vehicle per day inc up to four passengers. Kiwi Overland 4WD Adventure Tours, www.kiwioverland.co.nz, Phone 09 271 2230 or 021 773 790.

Jul 30-31: NZ4WD magazine readers trip, Rotorua area. Two identical one day trips with Sam Parker. Contact Chistina on 09 478 4771 or email subs@adrenalin.co.nz

Sept 10-11: NZ4WD magazine readers trip, Woodhill. Two identical one day trips with Sam Parker. Contact Chistina on 09 478 4771 or email subs@adrenalin.co.nz

Sept 24-26: Family Snow Trip. Central Plateau, based in Ohakune. Fully guided, suitable for all 4WD's with dual range. Mud tyres and some recovery gear essential. \$125 per vehicle per day inc up to four passengers. Kiwi Overland 4WD Adventure Tours, www.kiwioverland.co.nz, Phone 09 271 2230 or 021 773 790.

Oct 02-07: Heretige 4WD Tracks & Gold Trails. Five & a half day family trip, bst of the South Island's West Coast. Contact On-Track 4WD www.on-track4wd.co.nz, 03 768 0985 or GD Hilton Ltd on 09 412 8112.

Nov 12-14: Desert Discovery. Central Plateau, based in Ohakune. Fully guided, suitable for most mid to large 4WD's. Limited numbers. Kiwi Overland 4WD Adventure Tours, www.kiwioverland.co.nz, Phone 09 271 2230 or 021 773 790.

Nov 19-20: NZ4WD magazine readers trip, King Country area. Two day trip with Sam Parker. Contact Chistina on 09 478 4771 or email subs@adrenalin.co.nz

Details in the column appear courtesy of Sam Parker, publisher of the New Zealand 4WD and Sportvehicles magazine. Potential participants should contact the event organiser; CCVC cannot take responsibility for any changes or inadvertent inaccuracies.

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Notice of Annual General Meeting

Cross Country Vehicle Club (Wellington) Inc

Notice is hereby given that the 2005 Annual General Meeting of the Cross Country Vehicle Club (Wellington) Inc will be held on Wednesday 8th June 2005 at the Petone Workingmans Club, Udy Street, Petone. The AGM will commence immediately after the June club meeting.

J. Parfitt
Club Secretary.



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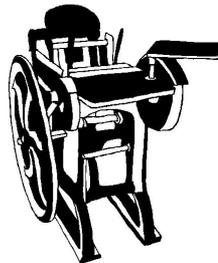
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2003 - 2004
Membership

VEHICLE CLUB
Wellington (Inc)

Alan Donaldson

Membership type:

Full

<http://www.cvc.org.nz>

Membership Discounts

The following companies in the Wellington are offering very generous discounts to Club Members - please support these businesses as they support our interests:

- | | |
|-----------------------|--|
| Firestone | New tyres |
| Cookes | Strops, ropes and recovery equipment |
| NZ Car Parts | Second hand car parts |
| Fully Equipped | 4WD parts and service |
| BNT | Filters, vehicle parts and accessories |
| TWL | Vehicle parts and accessories |
| Pipeline Supplies | Pipe & fittings (for rollcage, etc) |
| Twiggs | Products |
| King Toyota | Trade prices on parts & accessories |
| Diesel & Turbo | Products and Services |
| Taranaki Street Tyres | Tyres, Tubes and Alighments |
| Gold Coast Mechanical | Parts and Servicing |
| DE McMillan | Private Panel & Paint |

Please show your membership card to obtain all discounts.

Battle Hill trip report not required but what the hell!!!

Arrived on site on the Saturday to check out the site and area of the “adventure course” for the 4wd, we selected a circuit and roped off a suitable area for the spectators. When we arrived on the Sunday to setup and noticed that the horses had setup a riding arena right beside the 4wd track. The first run, resulted in the horse people getting snotty and tell us to go away, a brief exchange followed and we agreed to ignore each other, as you do in harmonious relationships.

The shiny vehicles arrived with the grand total of six of them, and as for the “tuff trucks there was me, a phone call or two later we convinced John Hughes to turn up in his trials car, we were originally meant to do two shows at 11:30 and 2:30, we did about 1 hour at 11:30, with paying punters for about 5 mins each, then from around 1 pm thru to 3 pm, it was non stop people, amazing the type and range of people you get.

I had a Japanese student who could not speak a word of English apart from “OK”, who made it ¾ of the way around munching on his ice cream like he was on a Sunday drive, he was not fazed by a lot, only indication I got of he enjoyed it was the odd smile (go figure). I then got a older lady who was very merry that had partaken in a few samples I guess, and was with a pair of friends, she got convinced by her friends to go on the tuff truck, comments were made by her friend like “ got any panty liners” etc, very nice lady to talk to and very well travelled and was dripping gold, (none fell off her dammit) anyway, she admits that she was not very good on sidling and hill climbs, so we promptly dropped off the edge of the bank, (good scream) got to hill climb and her eyes screwed shut as we bounced our way up , got her to open her eyes, and then stopped mid climb, (another scream) , roll backwards about three feet, (another scream) did a few more drop off and climbs with the appropriate screeches out of the LH seat, got to the end of the ride, and got to the top of the bank and stopped, she was most relieved it was all over and made a move for the seat belt, so I just rolled the jeep backwards off the edge, (real good scream) she compared the ride to rollercoaster’s in Disney land and believed they are nothing to a 4wd, when she got out her husband promptly hopped in and enjoyed it as well.

I would guess we took approx 30 odd people on the “adventure course” between John and myself, the hill touring would of done around 8-10 trips I guess, overall it was a great day, a pity more members did not get out to support the club and display the sport to a captive audience.

I had a quick look around the fair itself, and was quite impressed with the setup, if you had the desire to get totally trashed and listen to some good music it was the place to be.

Pedro



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From the dog box to Rallywoods

I guess we all know that there are many reasons for being nominated to do the trip report, like because you were tail end Charlie all day, or you were the first to have engine trouble, you didn't attempt a couple of tracks on the trip, were the first to dent your truck (it will buff out ... with the assistance of a few litres of bog!) or ultimately you were the only person other than the trip leader on the trip... Pedro reminded me that I'd qualified on all accounts on my first hard yakka since leaving the Dog Box.

In Rallywoods that morning the only sound that could be heard above the twitter of the birds was the knocking of my knees before my 17 year old nephew, Mike, and I headed off up the access road.

"Easing me into it" meant that the first track we tackled was Dreamer. I got to the top and was clearing the last step when the engine bogged and stalled, giving me the opportunity to brush up on my down hill reversing skills. I'd been getting rusty on panic! I arrived at the base of the track with the frames out (engine still stalled) but at least we were shiny side up.

We had a great day, drove a number of tracks. The V8 settled down and

burbled away happily but I choked on a couple of the hills. Hey, they'll still be there another day when I've got more experience behind the wheel.

Mike, who had accompanied me, had a short drive. A couple of squirts on the throttle, and the side of the truck disappeared momentarily into the bushes until he managed to wrestle it back into the ruts, proving that a 4x4 with 5 pounds in the tyres handles nothing like his 323 on 18 inch alloys and boy racer tyres.

The whole trip was certainly an education. Mike couldn't believe where we took the trucks. We travelling up and down Diff Dinger adding the element of water and big rock steps to the afternoon, and showed me that currently the limiting factor to the Suzuki's performance is the nut behind the wheel. Thanks Pedro – I'LL BE BACK !

Marcel.

Product Safety Recall

SUPER CHEAP AUTO PTY LTD

3000KG and 5000Kg Car Stands Pair Super Works Super Works Models TT636N and TT633N sold from July 2002 to present.

Super Cheap Auto Pty Ltd is committed to product quality, safety and reliability. Therefore in the interest of public safety, Super Cheap Auto is conducting a product recall for the above mentioned models of Car Stands for refund. The product description and model number are displayed on the product label.

SAFETY ISSUE

This measure has been taken because testing indicates these models do not conform to all elements of the relevant Australian Standard which may reduce the stability of the stands.

ACTION

Customers with either of the Super Works models listed above should return the product immediately to their nearest Super Cheap Auto retail store for refund. Customers can call 07 3205 8511 or visit www.supercheapauto.co.nz for details of their nearest store.



Super Works Models TT636N & TT633N

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Contact Phil on 568 5045

Are you a new member? Do you get the News emails from the club? Do you have access to the club's website memberzone? If not then have a word with a committee member as these are all ways in which the club communicates with it's members.

Some useful email addresses are:

Webmaster@ccvc.org.nz (general web site queries)

Lists@ccvc.org.nz (contact the person who administers the list servs)

Trips@ccvc.org.nz (contact the Trip Coordinator)

Newsletter@ccvc.org.nz (to send stuff to the newsletter editor)

Database@ccvc.org.nz (contact the membership database administrator)

Access@ccvc.org.nz (contact the Chairman of the Land Access Management Committee)

NZ4WDAdelegate@ccvc.org.nz (contact the NZ Four Wheel Drive Association delegate)

Treasurer@ccvc.org.nz (contact the club treasurer)

Please note that if would like to receive club news announcements from news@ccvc.org.nz and have an e-mail account, then drop our database administrator an email on database@ccvc.org.nz and you will be included on the news list. Note that this is not an automatic thing, you need to ask.

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Brisbane - this was written by a pom (obviously!)

August 31st: Just got transferred with work into our new home in Brisbane!! Now this is a city that knows how to live!! Beautiful sunny days and warm balmy evenings. What a place! I watched the sunset from a deck chair on the verandah. It was beautiful. I've finally found my home. I love it here.

September 13th: Really heating up. Got to 35 today. Not a problem. Live in an air-conditioned home, drive an air-conditioned car. What a pleasure to see the sun everyday like this. I'm turning into a sun worshiper.

September 30th: Had the backyard landscaped with tropical plants today. Lots of palms and rocks. What a breeze to maintain. No more mowing lawn for me. Another scorcher today, but I love it here.

October 10th: The temperature hasn't been below 30 all week. How do people get used to this kind of heat? At least today it's kind of windy though. But getting used to the heat is taking longer than I expected.

October 15th: Fell asleep by the pool. Got 3rd degree burns over 60% of my body. Missed 3 days of work. What a dumb thing to do. I learned my lesson though. Got to respect the ol' sun in a climate like this.

October 20th: I missed Kitty (our cat) sneaking into the car when I left this morning. By the time I got to the hot car for lunch, Kitty had died and swollen up to the size of a shopping bag and stank up the \$3,000 leather upholstery. I told the kids that she ran away. The car now smells like Wiskettes and cat shit. I learned my lesson though. No more pets in this heat.

November 9th: Tried to run some messages after work. Wore shorts, and sat on the black leather seats in the ol' car. I thought my arse was on fire. I lost 2 layers of flesh and all the hair on the back of my legs and my arse. Now my car smells like burnt hair, fried arse, and baked cat. I hate this stupid place.

November 10th: The weather report might as well be a bloody recording. Hot and sunny. Hot and sunny. Hot and sunny. It's been too hot to do anything for 2 damn months and the weatherman says it might really warm up next week. Doesn't it ever rain in this damn place? Water rationing will be next, so my \$2,000 worth of palms just might dry up and blow into the bloody pool. Even the palms can't live in this heat.

November 14th: Welcome to HELL!!! Temperature got to 38 today. Now the air-conditioner's

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gone in my car. The repairman came to fix it and said, "Hot enough for you today?" My wife had to spend the \$2,500 house payment to bail my arse out of jail for assaulting the repairman. Bloody Brisbane. What kind of a sick demented idiot would want to live here?

December 1st: WHAT????? This is the first day of Summer???? You are bloody kidding!

Foxton Beach Coast Care **AGM - Sat 21 May 2005**

2pm at PALS Building, 2 Bond St, Foxton Beach
(Opposite Simply Balmy)

All CCVC Members are also members of FBCC - we'd appreciate some of you coming to the AGM to help make a quorum.

There will be a short afternoon / evening 4wd trip to follow, please contact Grant Purdie for details and bookings.

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COOKES & TWL BRANCHES THROUGHOUT NEW ZEALAND

Dear members,

"Abuse it, and we'll lose it!" These are our watch words as a club when we take about land access, and you'll find this reinforced on all of our trip sheets. Unfortunately, it always appears to be a minority that jeopardise privileges for the majority.

In recent months there have been an increasing number of 'unauthorised'

forays into the Aotea Block by both CCVC members and other 4WD users alike, and these expeditions are becoming an increasing cause for concern for the new land owners. Frustrations include fences being cut on a weekly basis, land / property damage and building materials going missing.

CCVC has, over a long period of time, worked hard to foster relationships with land owners to ensure access and the property managers out at Aotea Block remain willing to allow authorised access to 4WD and trail bike clubs. The proviso here is that the access is AUTHORISED, and that the correct permissions are sought prior to accessing the land.

With tensions running high, events as recent as this week at Aotea have seen the actions of some 4WDers attracting the attentions of the Police, and inciting some 'direct action' by the property managers. For the well being of the club, and to ensure we continue to reap the rewards from years CCVC land access / relationship building, it is important that we as a club members are not found to be trespassing on this land at any time.

I hope this helps to clarify matters, and the important role that we can all play in ensuring on-going land access.

Regards, Giles Sullivan

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Two months worth...

Gumboot:

David Coxon - transfer case on training day.

Roger Seymour - overnight trip to Tauranga & back to pick up a trailer (which is now for sale).

Orange Roughy:

Andrew Farmer - destroying a front drive shaft after engaging diff lock under power.

Roger Seymour - damage to engine going around Red Rocks.

BSA Trophy:

Philip Orchard - for the job he did selling the new constitution to members.

Golden Kiwi(s):

Eric Bon, Gavin Holden (2x), Shaun Pollard, Wayne Mulder, Geoff Lowe, Chris McManus, John Hughes, Pedro & Brian Howat.

Raffle:

(Sponsored by Wellington 4WD Specialists (Carl Furniss) & Tinakori Joinery (Barry Rozenberg) - Terry Bar

April Committee Highlights

Deadwood - Kirk Motors confirmed as main sponsor.

Trip Leaders Forum - Come up with some new ideas for running trips.

Safety Sub-Committee - Report accepted and recommendations discussed.

Club Night - Improvements discussed (see President's Piece)

Aotea Block - Issues of illegal access discussed.

Orange Hut - Joint ARAC/GWRC rebuild plan reported

Awards Evening - Arrangements confirmed.

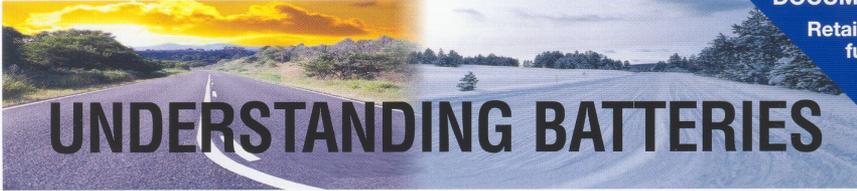
Fundraiser Trip Policy - Round 2 improvements being worked on.

Windy City 4wd Club - Borrow Superwinch for their Johnsons Rd event.

Winch Challenge Event - Agreed Larry Haines can ask members to assist with a non-CCVC winch challenge event.

June AGM - Preparations continue.

New Members - Rick Smith, Tim Johnson & Ian Shiner



PART OF A SERIES OF TECHNICAL BULLETINS PRODUCED TO EXPLAIN BATTERY PERFORMANCE ISSUES UNDER OUR COUNTRY'S UNIQUE MOTORING CONDITIONS

IN THIS BULLETIN:

1. Increased gassing and resultant water loss
2. Increased grid corrosion / oxidation
3. Overcharging, and potential plate failure
4. Increased battery discharge capacity
5. Increased self discharge rate

ISSUE #2

How heat affects batteries

High temperatures can have a devastating effect on the life of lead-acid batteries. While more batteries experience end-of-life failures in the colder months, the real damage is done when the batteries are operating at elevated temperatures. The damaging heat is generated from two primary sources: -

- the ambient or environmental temperature, and
- the under-bonnet temperatures of the vehicle

Modern vehicle manufacturers have within the past decade increased engine operating temperatures in an endeavour to reduce harmful exhaust emissions. The result of these changes, combined with high environmental temperatures, are accelerating the damaging effects on battery life as outlined below.

The key point of temperature measurement is how hot the electrolyte (battery fluid) becomes due to the above primary sources of heat. High temperatures can cause the following potentially damaging effects:

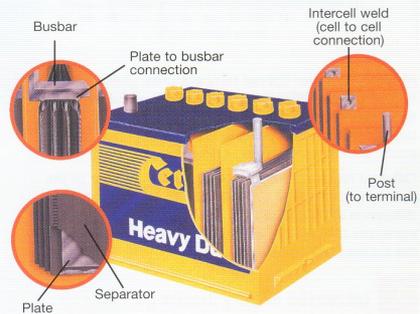
1. increased gassing and resultant water loss
2. increased grid corrosion / oxidation
3. overcharging, and potential plate failure
4. increased battery discharge capacity
5. increased self discharge rate

The operation of a lead-acid battery is a chemical process, and like all chemical processes, battery performance is temperature dependent. The available capacity and maximum discharge current available, both fall at lower temperatures and increase at higher temperatures. Capacity and discharge current at -20°C is approximately half that obtained at +20°C.

1. Increased gassing and resultant water loss

As battery temperatures increase, the rate of gassing and water loss in a battery is increased exponentially. The lead alloy used in the plate grid construction also influences the rate of gassing of a battery. As gassing continues over time, the electrolyte level drops below the top of the busbar and the top of the plate groups become exposed. This leads to major grid corrosion and reduced battery life, which will be discussed in more detail shortly. Because of gassing, batteries need to be topped up with water and topped up more regularly under extreme operating conditions.

The **key point** here is that the greater the available volume of electrolyte above the busbars in a battery, the longer the probable battery service life before the risk of exposure of the plates. This is a very important design issue for battery manufacturers in our country.



2. Increased grid corrosion / oxidation

The operation of batteries at elevated temperatures will result in increased positive plate **grid corrosion** (oxidation), and in extreme cases can bring about oxidation of the busbars in the battery. Positive grid corrosion is a normal 'end-of-life' failure mode of batteries which is greatly accelerated at elevated operating temperatures.

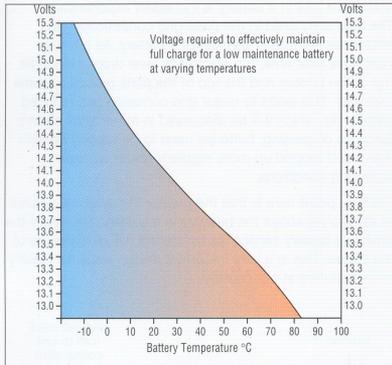
As mentioned previously, the failure of plate grids and busbars is further increased if the electrolyte level drops below the top of the busbar and the top of the plate groups due to gassing (water) losses. In extreme cases, plate grids can expand and break at the top of the plate group, causing battery failure due to short circuits.



The volume (reservoir) of electrolyte above the plate group and busbar in a battery can provide improved operating life at high temperature as more electrolyte is available to cover gassing losses before the risk of exposure of the busbars.

3. Overcharging and potential plate failure

As the battery operating temperature increases, battery internal resistance decreases and the charge rate acceptance of the battery increases accordingly. That is, as temperature increases, the charging voltage applied by the alternator to a battery must be reduced to avoid **overcharging**. The following curve indicates the variation of voltage with temperature that should be applied to a lead-acid battery for adequate and correct charging.

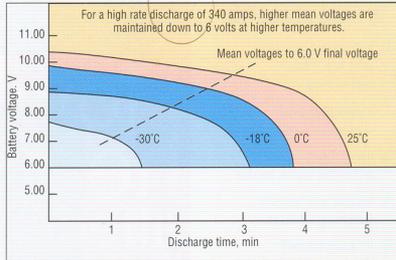
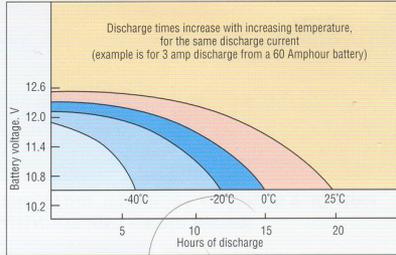


At elevated under-bonnet temperatures, charging voltage control can be difficult and inadequate, resulting in extended overcharging and reduced battery life due to positive plate material degradation and loss, often accompanied by softening of the negative plate material.

Different rates of air ventilation and the position of the battery in the engine bay can lead to an internal material difference in alternator and electrolyte temperatures which increases the rate of overcharging the battery receives and the subsequent gassing.

4. Increased battery discharge capacity

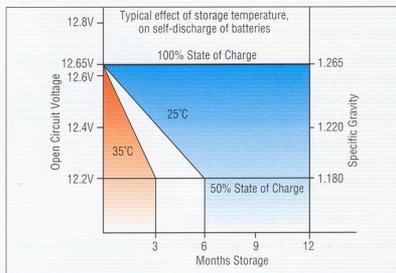
At elevated temperatures, the **discharge capacity** of a battery is increased, and the ability to deliver higher cranking current is increased - as shown in the following graphs. In practical terms, this is of no real advantage, except in the case of a worn or reduced capacity battery, which may still function adequately due to the elevated temperatures.



This masks the fact the battery is nearing its end-of-life and when the temperatures become colder and the engine requires higher cranking amps to turn over due to the engine oil becoming viscous, the battery ultimately fails suddenly.

5. Increased self discharge rate

All automotive lead-acid batteries slowly lose charge when not in service. This is known as self-discharge. The rate of **self-discharge** increases with increasing temperature. The time batteries can be allowed to stand without recharging is reduced with increasing temperature of storage. Batteries should be recharged when the Open Circuit Voltage (OCV) drops to 12.4 volts.



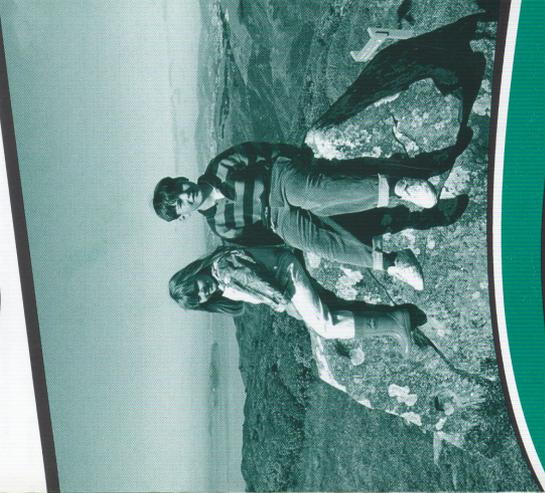
For more information contact the Century Yuasa Sales Office on **0 800 C²EⁿNᵀᵀᵀUᵀRᵀYᵀ**

Disclaimer: Century Yuasa Batteries (NZ) Ltd. does not take any responsibility for any inaccuracy of the information contained herein.





BELMONT REGIONAL PARK



*Bush, hills, views
... yours to enjoy*

History

The Belmont area was occupied by Ngāti Toa and Ngāti Awa in the early 19th century. Initial European land purchase and settlement spread through Korokoro, Horokivi and Belmont-Paūatahanui areas. The original road link between the Hutt and Porirua, *Old Coach Road*, travelled along the present Normandale Road emerging at Judgeford on Belmont Road.

During the Second World War the Crown took over the Waitangirua farmlands on Hill Road for ammunition storage, housing and farming purposes. The ammunition magazines remain and are a significant feature of the Park today.

Ecology

In pre-European times the area was forested with tall northern rata and rimu emerging over a canopy of tawa and hinau.

Since European settlement the succession of changes in land use is reflected by the variety of land cover present today. Most of the Park area was cleared for farming and is still managed as grassed hill country.

You can see remnants of the original forest cover in the Lower Korokoro and Dry Creek Valleys. Native forest is regenerating on some of the steeper and wetter slopes within the Park.

The forest in the Lower Korokoro Valley is the southernmost ecological *island* on the western side of the Wellington fault line that is large enough to support a significant population of native forest bird species. These include Fantail, Grey Warbler, Morepork, New Zealand Kingfisher, Wood Pigeon, Rifleman, Shining Cuckoo, Silvereye, Tui and Bellbird.

The mammals of the Park are all introduced species. Possums and goats are of most significance. Other introduced mammals include rabbits, hares, rats, hedgehogs, mice, stoats and feral cats.

The Korokoro Stream has a population of introduced Brown Trout and native eels.

How to Get There

There are six main entry points to Belmont Regional Park. Five of these are situated on the western hills of Lower Hutt, signposted from State Highway 2. The Cornish Street entrance is a 10 minute walk south-west from Petone Railway Station. Both **Oakleigh** and **Stratton Street** entrances to the Park are reached via Dowse Drive or by taking a bus from Petone Station. **Hill Road** entrance is via Grousehill Crescent or by bus from Melling Railway Station. **Dry Creek** entrance is near the State Highway 2 and Haywards Hill intersection. It is a 10 minute walk from Manor Park Railway Station.

Cannons Creek is reached from State Highway 1 via Mungavin Avenue. Enter the Park through Cannons Creek Lakes Reserve. Catch a bus from Porirua Railway Station to Cannons Creek.

Safety

Be prepared for strong winds and sudden weather changes. Wear warm clothes, strong shoes or boots and carry a waterproof jacket at all times of the year. Take drinking water and high energy food. Let someone know your intended route and return time.

More Information

For brochures or further information contact:

The Park Ranger
Wellington Regional Council
P O Box 40 847
MANGARAKI
UPPER HUTT

Telephone: 0-4-526-4133
Fax: 0-4-526-4171

Telephone: 0-4-586 6614
Fax: 0-4-586 1117

Published by
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WELLINGTON
June 2000
Publication No.
WRC/REC-G-94/62



www.wrc.govt.nz

Belmont Regional Park is located in the hill country between Porirua and the Hutt Valley, and offers open space and panoramic hilltop views.

Most tracks in the Park are multi-use and can be busy at times. Take care on narrow tracks and always expect other users. Farm or service vehicles may be encountered at any time. Read the information boards and obey signs.

Drinking water is provided at Oakleigh Street and Dry Creek. Stream water should be boiled before drinking.

The Park is divided for management into four zones: Zone 1 Korokoro Valley, Zone 2 Stratton Street, Zone 3 Waiiangirua Farm, Zone 4 Dry Creek, Wellington Regional Council manages the Park in co-operation with other landowners: Hutt City, Porirua City, Department of Conservation and Landcorp.

Keep to the marked routes on farm land and observe the Farm Visitor Code.

Dogs are prohibited in Zones 2, 3 and 4. In Zone 1 dogs must be leashed. The Park is open all year but Landcorp may temporarily close tracks through Waiiangirua Farm during lambing season, August to November.

Poison may be laid in the Park to control possums. Keep children away from poison baits or dead animals.

Permitted Uses Zone 3 Permitted Uses Zone 4

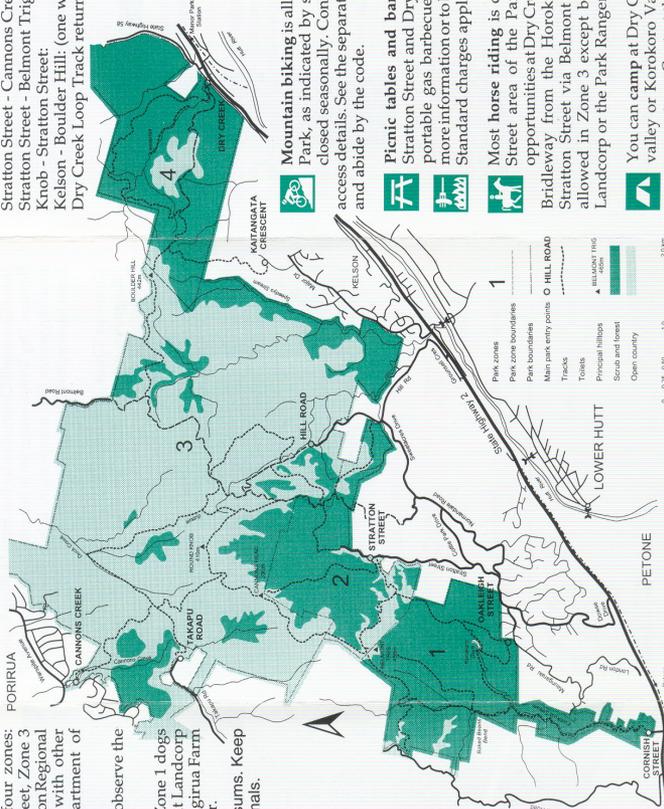
- Walking (restricted during lambing)
- Horse Riding (permission required)
- Mountain Biking (restricted access (keep to the marked tracks))
- No dogs
- No camping

- Walking
- Horse Riding
- Mountain Biking
- No dogs
- Camping (toilets)

Attractions and Facilities

There is a variety of walks over rolling hills, through bush clad valleys and across farmland.

- Cannons Creek - Hill Road: (one way) 3 hours
- Cornish Street - Korokoro Dam: (one way) 1.5 hours
- Korokoro Dam - Belmont Trig return: 4 hours
- Maungaraki - Korokoro Dam return: 1 hour
- Stratton Street - Belmont Trig return: 3 hours
- Stratton Street - Cannons Creek: (one way) 4 hours
- Stratton Street - Belmont Trig - Round Knob - Stratton Street: 4 hours
- Kelson - Boulder Hill: (one way) 1 hour
- Dry Creek Loop Track return: 3 hours



Permitted Uses Zone 1

- Walking
- Horse Riding (restricted access)
- Mountain Biking (restricted access)
- Picnicking
- Dogs (on leash)
- Camping (no facilities)

Permitted Uses Zone 2

- Walking
- Horse Riding
- Mountain Biking
- Picnicking
- No dogs
- Camping (toilets)

Mountain biking is allowed on most tracks in the Park, as indicated by signs. Some tracks may be closed seasonally. Contact the Ranger for current access details. See the separate mountain bike pamphlet and abide by the code.

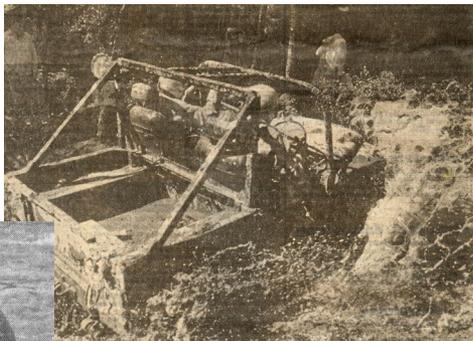
Picnic tables and barbecue sites are found at Stratton Street and Dry Creek. Light no fires, use portable gas barbecues. Contact the Ranger for more information or to book sites for group events. Standard charges apply.

Most horse riding is carried out in the Stratton Street area of the Park (Zone 2) with limited opportunities at Dry Creek (Zone 4). The Horokiki Bridleway from the Horokiki Road gives access to Stratton Street via Belmont Trig. Horse riding is not allowed in Zone 3 except by prior arrangement with Landcorp or the Park Ranger.

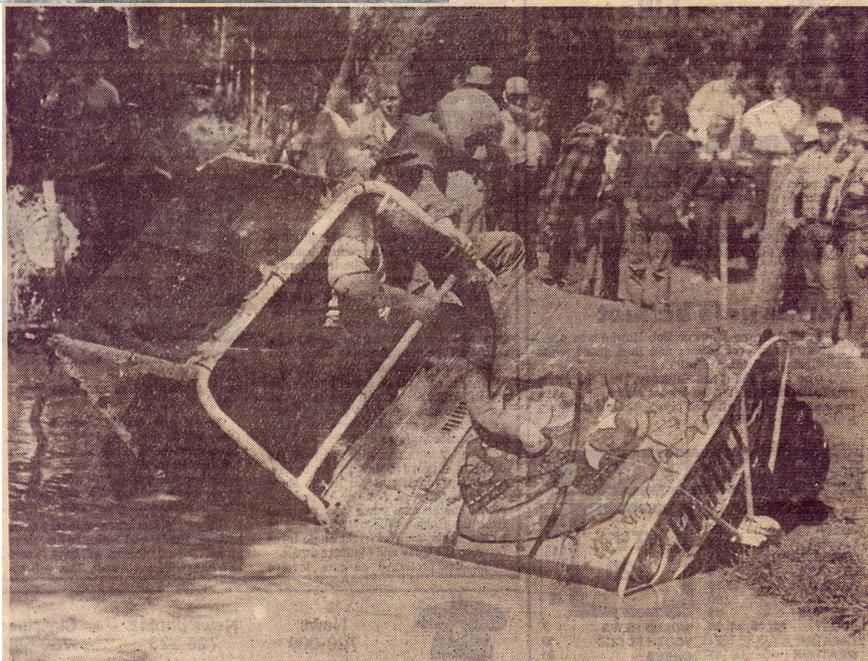
You can camp at Dry Creek in the Stratton Street valley or Korokoro Valley. Light no fires. Use a camp stove. Contact the Ranger for suitable sites. Sites must be booked for group events, charges apply.

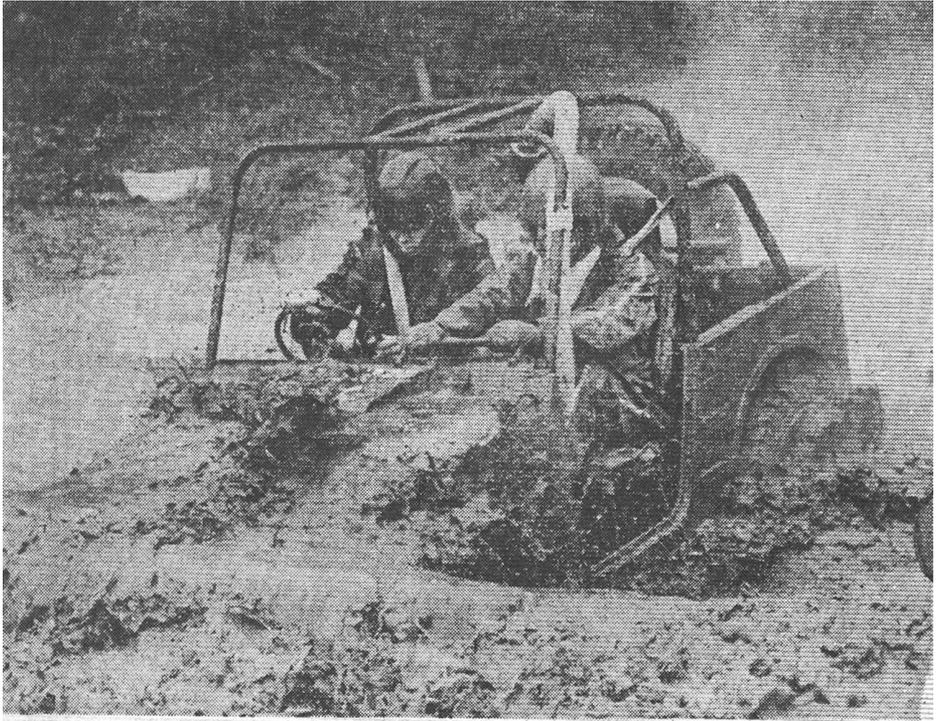


From the archives...



BELOW: Steve and Ross Lacey, Wellington, hastily "abandon ship" as their Suzuki, having run aground in the Wainui Wallow hazard, starts taking on water.





Mud, water and slush in large quantities was what competitors in yesterday's Deadwood Safari rally had to put up with. Frequently some of the vehicles, particularly the smaller Suzukis, were totally submerged but the conditions didn't worry the entrants.

FOR SALE

ARB under bonnet air compressor complete with air hose. Ideal for running lockers and pumping up tyres. \$200

Set of five 33 x 12.5 x 15 mud tyres with at least 3/4 tread still on them. \$900

Contact Larry Haines on 027 453 8525

FOR SALE

Chainsaw carry box, brand new, bought for \$25 + \$15 courier. Selling for \$40. Excellent for safe and clean storage & transport of a saw, up to 18" bar.

Contact Marcel on 234 8045 or
027 243 4243



Club Member Trades, Services and Supplies

Clare Decorators Ltd - House painting (interior / exterior), wallpapering, water blasting. Will do commercial also. Discount offered to club members. Ph Larry on 567 0902 / 025 538 525

Murton's Timbercraft - Custom made furniture and specialists in the restoration and repair of wooden boats. If it's made of wood then Peter (boat builder / carpenter / joiner) can make or fix it.

Murton's Motor Camp - situated in Porirua, handy for when friends and family need somewhere to stay. Ph 04 235 9599, email info@murtons.co.nz or visit www.murtons.co.nz

Tinakori Joinery Company Ltd - for all your joinery requirements. Ph Barry on 920 0005 or email tinakori@xtra.co.nz

Viking Lodge Motel, Dannevirke - looking for a place to stay in Dannevirke? Then look no further, give Pat Bennet a call on 080 279 271

Nadir Outpost, Tokanui - backpackers homestay in the Catlins region of Southland. Contact the Tilby's on 03 246 8544, email nadir1@ihug.co.nz or visit www.geocities.com/nadir_outpost

I'm sure that there must be club members who would like some free advertising, so if you own your own business and would like it mentioned on this page, then please contact the editor on 564 3045 or (preferably) email newsletter@ccvc.org.nz

DENTMILLAR
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NAE NAE

Phone 567 8243
LOWER HUTT

TROPHY & CUP PRESENTATION NIGHT

**Petone Working Men's Club
Saturday 18th June 2005, 8:00pm**

Bar open for drinks

Major Prize By



WIN 4 COOPER TIRES

Tread Pattern of choice up to 32 x 12.5

Spot Prizes By



**Kirk Motors
Mitsubishi**

COOKES **«DIESEL & TURBO»**

*Dinner & drinks available in upstairs restaurant before hand
Bookings required to John Vruink by June club night*



"Americas Most Trusted Tire"

Cross Country Vehicle Club (Wellington) Inc.



Trip Information Sheet

Trip Name: Akatarawa Forest – Deadwood Ridge

Venue: Akatarawa Forest Category: Family Shiny

VEHICLE CLUB
Wellington (inc)

Trip Leader: Ron Wadham Phones: 04 563 7907 Callsign: K 55
025 210 6455

Limited numbers / # Yes No Book with Trip Leader before: _____
Bookings Required: Yes No

Trip Meeting Point: Totara Park across the bridge then turn left

Meeting Time Date: Saturday 14 May Time: 9:30 am

Drivers Briefing Date: Saturday 14 May Time: 9:50 am

Trip Departure Date: Saturday 14 May Time: _____

Alternative Meeting Point: NA

Date: _____ Time: _____

Expected Finishing Point: Undecided

Date: Saturday 14 May Time: 4:30 pm

Fuel/food/drink for: 1 Kms / Days Available at: Upper Hutt

Trip Fee: \$ 15.00 Per vehicle/day **Camp Fee:** Nil Per person/tent/night

Weather restrictions:

- Dry day only
- Light rain/wind ok
- Rain, hail or snow "We go"
- Subject to landowners discretion
- Listen to radio cancellation service on Newstalk ZB 1035AM at: 8:00 am

Possible vehicle damage expected on trip:

- No damage likely
- Some bush marks possible
- Some damage to sills & corners possible
- Heavy bush marks & scratches expected
- Body damage from rocky/dirt banks expected

Trip suitable for:

- Novice drivers
 - Average drivers
 - Experienced drivers
- Dry Wet

Pets:

- No
- Yes
- Only if kept in vehicle

Vehicle type:

- Any vehicle
- SWB only
- Club Radio Required

Vehicle requirements:

- Tow hooks, front & rear
- Recovery strop, Shovel
- First aid kit, Fire extinguisher
- Roll bar / cage for soft/open tops
- Roll bar / cage recommended all vehicles
- Any tyres suitable
- Mud tyres preferable
- Good mud tyres essential
- Winch required
- Extra recovery gear an advantage

Track type:

- | Mostly | Some | Optional |
|--------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
- Gravel
 - Beach or sand
 - Clay or mud
 - Rocky or river boulders
 - Creeks, small rivers
 - Deep rivers, water holes
 - Deep mud holes
 - Average ascents/descents
 - Steep ascents/descents

Conditions of land access:

Access to land is a privilege, not a right. Please comply with instructions from Trip Leaders and at all times respect the properties we drive on. Remember: "Abuse it and we'll lose it"

The Trip Leader is required by the Club Committee to reject vehicles/drivers that do not comply with Trip Categories, or any special conditions indicated on this form.

Cross Country Vehicle Club (Wellington) Inc.



Trip Information Sheet

Trip Name: Cattle Ridge and Coast

Venue: Orongorongo Station

Category: Family Shiny

VEHICLE CLUB
Wellington (inc)

Trip Leader: Ron Wadhams

Phones: 04 563 7907

Callsign: K 55

025 210 6455

Limited numbers / # Yes No

Book with Trip Leader before: _____

Trip Meeting Point: Rimutaka Forest Park (just inside the main entrance) - Wainuiomata

Meeting Time Date: Sunday 22 May Time: 9:30 am

Drivers Briefing Date: Sunday 22 May Time: 9:50 am

Trip Departure Date: Sunday 22 May Time: _____

Alternative Meeting Point: NA

Date: _____ Time: _____

Expected Finishing Point: Orongorongo River Bridge

Date: Sunday 22 May Time: 4:30 pm

Fuel/food/drink for: 1 Kms / Days Available at: Wainuiomata

Trip Fee: \$ 15.00 Per vehicle/day **Camp Fee:** Nil Per person/tent/night

Weather restrictions:

- Dry day only
- Light rain/wind ok
- Rain, hail or snow "We go"
- Subject to landowners discretion
- Listen to radio cancellation service on Newstalk ZB 1035AM at: 8:00 am

Possible vehicle damage expected on trip:

- No damage likely
- Some bush marks possible
- Some damage to sills & corners possible
- Heavy bush marks & scratches expected
- Body damage from rocky/dirt banks expected

Trip suitable for:

- Novice drivers
 - Average drivers
 - Experienced drivers
- Dry Wet

Pets:

- No
- Yes
- Only if kept in vehicle

Vehicle type:

- Any vehicle
- SWB only
- Club Radio Required

Vehicle requirements:

- Tow hooks, front & rear
- Recovery strop, Shovel
- First aid kit, Fire extinguisher
- Roll bar / cage for soft/open tops
- Roll bar / cage recommended all vehicles
- Any tyres suitable
- Mud tyres preferable
- Good mud tyres essential
- Winch required
- Extra recovery gear an advantage

Track type:

- | Mostly | Some | Optional |
|--------------------------|-------------------------------------|---|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Gravel |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Beach or sand |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Clay or mud |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Rocky or river boulders |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Creeks, small rivers |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Deep rivers, water holes |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Deep mud holes |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Average ascents/descents |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Steep ascents/descents |

Conditions of land access:

Access to land is a privilege, not a right. Please comply with instructions from Trip Leaders and at all times respect the properties we drive on. Remember: "Abuse it and we'll lose it"

The Trip Leader is required by the Club Committee to reject vehicles/drivers that do not comply with Trip Categories, or any special conditions indicated on this form.

Cross Country Vehicle Club (Wellington) Inc.

Trip Information Sheet



VEHICLE CLUB
Wellington (inc)

Trip Name: Rallywoods with Steve

Venue: Rallywoods Category: Club 4x4

Trip Leader: Steve O'Callaghan Phones: 04 234 9849 Call sign: K 104
021 131 0647

Bookings Required: No Yes Book by: Before event Contact trip leader
for more details:

Meeting Point: Cm Moonshine Rd and State Highway 58 (Haywards)

Meeting Time Date: Sunday 29th May Time: 9:30 am

Drivers Briefing Date: Sunday 29th May Time: 9:45 am

Expected Finishing Point:

Date: Sunday 29th May Time: 15:00 onwards

Fuel for: 1 day Kms Available at: Upper Hutt

Trip Fee: \$15.00 Per vehicle/day

Weather restrictions:

- Dry day only
- Light rain/wind ok
- Rain, hail or snow "We go"
- Subject to landowners discretion
- Listen to radio cancellation service on Newstalk ZB 1035AM at: .8:00am....

Possible vehicle damage expected on trip:

- No damage likely
- Some bush marks possible
- Heavy bush marks & scratches expected
- Some damage to sills & corners possible
- Body damage from rocky/dirt banks expected

Trip suitable for:

- Novice drivers
- Average drivers
- Experienced drivers

Dry Wet

Pets:

- No
- Yes
- Only if kept in vehicle

Food:

- BYO Food
- BBQ Provided
- BBQ Food Provided
- BYO Drinks

Vehicle requirements:

- Tow hooks, front & rear
- Recovery strap, Shovel
- First aid kit, Fire extinguisher
- Roll bar / cage for soft/open tops
- Club Radio preferred Required
- Roll bar / cage recommended all vehicles
- Any tyres suitable
- Mud tyres preferable
- Good mud tyres essential
- Winch preferred Required
- Extra recovery gear an advantage

Track type:

- | | Mostly | Some | Optional |
|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Gravel |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Beach or sand |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Dirt roads and tracks |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Clay or mud |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Rocky or river boulders |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Creeks, small rivers |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Deep rivers, water holes |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Deep mud holes |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Average ascents/descents |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Steep ascents/descents |

The Trip Leader is required by the Club Committee to turn away vehicles or drivers that do not comply with Trip Categories, or any special conditions indicated on this form.

Access to land is a privilege, not a right. Please comply with instructions from Trip Leaders and at all times respect the properties we drive on. Remember: "Abuse it and we'll lose it"

Note: Venue not confirmed, if Rallywoods is not available this trip may go to Odlin's Road

Cross Country Vehicle Club (Wellington) Inc.



Trip Information Sheet

Trip Name: Gentle Annie Family Trip Queens Birthday Weekend

Venue: Ohinewairua Station Category: Shiny 4x4

VEHICLE CLUB
Wellington (inc)

Trip Leader: John Vruink Phones: 04 567 1142 Callsign: K 37
027 443 9981

Bookings Required: No Yes Book with John Vruink before: 30/04/05

Limited Numbers: No Yes

Trip Meeting Point: Ohinewairua Station Taihape (Maps for location on request)

Meeting Time Date: Sat 4TH June Time: 12.30

Drivers Briefing Date: Sat 4TH June Time: 12.45

Trip Departure Date: Sat 4TH June Time: 1.00

Alternative Meeting Point:

Date: _____ Time: _____

Expected Finishing Point: Ohinewairua Station

Date: Mon 6th June Time: 15.00

Fuel required for: 300 Kms / Days Available at: Taihape

Food & Drink for: 3 Days Available at: Taihape

Land Access Fee: \$10.00 Per Vehicle Camp Fee: \$5.00 Per person per night

Weather restrictions:

- Dry day only
- Light rain/wind ok
- Rain, hail or snow "We go"
- Subject to landowners discretion
- Listen to radio cancellation service on Newstalk ZB 1035AM at:

Possible vehicle damage expected on trip:

- No damage likely
- Some bush marks possible
- Some damage to sills & corners possible
- Heavy bush marks & scratches expected
- Body damage from rocky/dirt banks expected

Trip suitable for:

- Novice drivers
- Average drivers
- Experienced drivers

Pets:

- No
- Yes
- Only if kept in vehicle

Vehicle type:

- Any vehicle
- SWB only
- Club Radio Required

Vehicle requirements:

- Tow hooks, front & rear
- Recovery strop, Shovel
- First aid kit, Fire extinguisher
- Roll bar / cage for soft/open tops
- Roll bar / cage recommended all vehicles
- Any tyres suitable
- Mud tyres preferable
- Good mud tyres essential
- Winch required
- Extra recovery gear an advantage

Track type:

- | Mostly | Some | Optional |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Farm paddocksl |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Beach or sand |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Clay or mud |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Rocky or river boulders |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Creeks, small rivers |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Deep rivers, water holes |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Deep mud holes |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> Average ascents/descents |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Steep ascents/descents |

The Trip Leader is required by the Club Committee to reject vehicles/drivers that do not comply with Trip Categories, or any special conditions indicated on this form.

Notes:

Cross Country Vehicle Club (Wellington) Inc.



Trip Information Sheet

Trip Name: Odlin's Road Queens Birthday Sunday

VEHICLE CLUB
Wellington (inc)

Venue: Akatarawa road Category: Club 4x4

Trip Leader: Steve O'Callaghan Phones: 04 235 9849 Callsign: K 104
021 131 0647

Limited numbers / # Yes No Book with Trip Leader before: event
Bookings Required:

Trip Meeting Point: Odlin's Road car park - Akatarawa Road

Meeting Time	Date: <u>Sunday 5th June</u>	Time: <u>9:30</u>
Drivers Briefing	Date: <u>Sunday 5th June</u>	Time: <u>9:45</u>
Trip Departure	Date: <u>Sunday 5th June</u>	Time: <u>10:00</u>

Alternative Meeting Point:

Date: _____ Time: _____

Expected Finishing Point:

Date: Sunday 5th June Time: 15:00 onwards

Fuel/food/drink for: 1 Kms / Days Available at: Upper Hutt

Trip Fee: \$ 5.00 Per vehicle/day **Camp Fee:** Nil Per person/tent/night

Weather restrictions:

- Dry day only
- Light rain/wind ok
- Rain, hail or snow "We go"
- Subject to landowners discretion
- Listen to radio cancellation service on Newstalk ZB 1035AM at: 8:00 am

Possible vehicle damage expected on trip:

- No damage likely
- Some bush marks possible
- Some damage to sills & corners possible
- Heavy bush marks & scratches expected
- Body damage from rocky/dirt banks expected

Trip suitable for:

- Novice drivers
 - Average drivers
 - Experienced drivers
- Dry Wet

Pets:

- No
- Yes
- Only if kept in vehicle

Vehicle type:

- Any vehicle
- SWB only
- Club Radio Required

Vehicle requirements:

- Tow hooks, front & rear
- Recovery stop, Shovel
- First aid kit, Fire extinguisher
- Roll bar / cage for soft/open tops
- Roll bar / cage recommended all vehicles
- Any tyres suitable
- Mud tyres preferable
- Good mud tyres essential
- Winch required
- Extra recovery gear an advantage

Track type:

- | Mostly | Some | Optional | |
|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Gravel |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Beach or sand |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Clay or mud |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Rocky or river boulders |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Creeks, small rivers |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Deep rivers, water holes |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Deep mud holes |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Average ascents/descents |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Steep ascents/descents |

Conditions of land access:

Notes:

The Trip Leader is required by the Club Committee to reject vehicles/drivers that do not comply with Trip Categories, or any special conditions indicated on this form.



Trip Categories (01/06/2002)

Family Shiny:

Description: Family trip. These trips will be straightforward and will usually include some degree of guidance in driving techniques as necessary.

Drivers: Particularly suited to family outings and drivers new to off-road driving, this category is also open to anybody who enjoys this style of trip.

Members: Anybody is welcome, especially prospective new members.

Vehicles: An important objective is minimal challenge and minimal risk to vehicles. Club safety equipment is mandatory for club members; it is not mandatory for non-members although it is recommended for vehicles once their drivers have participated in one or two trips. All open or soft-top vehicles must have a roll bar or roll cage.

Shiny 4x4:

Description: More difficult family trips, for shiny wagons and drivers *with some experience* who want more challenge and don't mind minor bush marks etc on their vehicles.

Drivers: Must have some experience, preferably from the driver training provided by the club. Particularly important are experience in stopping, failed hill climbs, steep descents and sidlings.

Members: These trips are for members only. Prospective members and visitors are welcome if they can demonstrate to the Trip Leader they are members of another club and have adequate experience.

Vehicles: Vehicles must have mud tyres, tow hooks and all the required equipment per the club's document "Vehicle Safety & Equipment Inspections". This applies to all vehicles on the trip. All open or soft-top vehicles must have a roll bar or roll cage.

Club 4x4:

Description: Challenging trips, for experienced drivers. There will be steep and challenging terrain, modestly deep water and mud, likelihood of bush marks.

Drivers: Must have experience beyond that required for Shiny 4x4 trips, including water crossings and vehicle recovery.

Members: These trips are for members only. Prospective members and visitors are welcome if they can demonstrate to the Trip Leader they are members of another club and have adequate experience.

Vehicles: Must have mud tyres, tow hooks and all the required equipment per the club's document "Vehicle Safety & Equipment Inspections". This applies to all vehicles on the trip. Accessories such as high-lift jacks, externally mounted spare tyre, bush bars and multiple jacking points are of advantage. Winches are often particularly useful. Generally a short wheelbase vehicle is better suited for the tight tracks. All open or soft-top vehicles must have a roll bar or roll cage.

Hard Yakka:

Description: Difficult trips with very challenging terrain and surfaces, where winching, digging, and vehicle damage are all a possibility!

Drivers: Experienced drivers only.

Members: These trips are for members only. Prospective members and visitors are welcome if they can demonstrate to the Trip Leader they are members of another club and have adequate experience.

Vehicles: As per the Club 4x4 category. In addition, a roll-bar or roll-cage is recommended for all vehicles on Hard Yakka trips. All open or soft-top vehicles must have a roll bar or roll cage. Often a winch is mandatory on a Hard Yakka trip; this will be specified on the Trip Information Sheet.

It should also be noted that if a trip does not have a Trip Information Sheet in the Chronicle or it doesn't appear on the CCVC website, then it may not be an official club trip and the club insurance policy may not apply.



More Trip Details

Skills & Experience Pre-Requisites:

Family Shiny

All Participants No pre-requisites

Shiny 4x4

Non Members Cannot participate

Members CCVC Driver Training (see note below) and participated in at least 2 Family Shiny trips after becoming a member.

Members of other 4WD Club Visitors are welcome if they can demonstrate to the Trip Leader they are members of another 4WD club and have adequate experience.

Club 4x4

Non Members Cannot participate

Members CCVC Driver Training (see note below) and participated in at least 2 Shiny 4x4 trips after becoming a member.

Members of other 4WD Club Visitors are welcome if they can demonstrate to the Trip Leader they are members of another 4WD club and have adequate experience.

Hard Yakka

Non Members Cannot participate

Members CCVC Driver Training (see note below) and participated in at least 3 Club 4x4 trips after becoming a member.

Members of other 4WD Club Visitors are welcome if they can demonstrate to the Trip Leader they are members of another 4WD club and have adequate experience.

Cancellation Service.

We have a cancellation service for trips. What! Cancel a trip! It hardly ever happens, in reality sometimes the conditions are just too unpleasant or factors beyond our control that take out the property or the organisers.

So we have registered with Newstalk ZB (1035 AM, and used to be known as 2ZB) who will broadcast any cancellations on the hour every hour from 6:00am. We will endeavour to show on the Trip Information Sheet which times to listen.

Trip Departure Times.

To avoid people arriving at the last minute for a trip, missing the drivers briefing, delaying the trip and generally causing confusion, we'd like to clarify the meaning of the times shown on the Trip Information Sheets.

Meeting Date & Time: The time you are requested to be at the trip meeting point, to give you a chance to get into position, let your tyres down, and to give the Trip Leader time to collect your details before the Drivers Briefing.

Drivers Briefing Date & Time: The time that the Trip Leader will explain the trip to drivers, including any special instructions, safety briefing and points of interest.

Departure Date & Time: The time that the trip will actually drive away.

Trip Database

Trip Start Date	Days	Trip Name	Trip Category	Trip Place	Trip Organiser	Trip Leader	Status	Trip Notes	Trip ID
Sat 14/05/05	1	Family's in the Aka's	Family Shiny	Akatarawa Forest - Deadwood Ridge	Ron Wadhams	Ron Wadhams	C		1295
Sat 21/05/05	1	Cattle Ridge area	Family Shiny	Cattle Ridge & Orongorongo Valley	Ron Wadhams	Ron Wadhams	C		1296
Sat 21/05/05	1	FBCC AGM		Foxton Beach PALS Building	Grant Purdie	Grant Purdie	C		1356
Wed 25/05/05	1	Committee Meeting		-ba-	-ba-	-ba-	C	7:30 pm	1213
Sun 29/05/05	1	Rallywoods	Club 4X4	Rallywoods	Steve O'Callaghan	Steve O'Callaghan	C	location not confirmed - bookings	1298
Sat 04/06/05	3	Ohinewairua weekend	Shiny 4X4	Ohinewairua Station, Taihape	John Vruink	John Vruink	C	bookings	1355
Sun 05/06/05	1	Odlins Rd	Club 4X4	Odlins Road	Steve O'Callaghan	Steve O'Callaghan	C	bookings	1300
Wed 08/06/05	1	Club Night - AGM		Pelone Working Men's Club, Udy St	-ba-	-ba-	C	7:30 pm - AGM	1224
Sat 11/06/05	1	4WD Familiarisation and Driver Training	Family Shiny	-ba-	Ray Harkness	Ray Harkness	C	Bookings and details - Ray Harkness	1263
Sat 11/06/05	1	Navigation Rally	Family Shiny	Akatarawa Forest	-ba-	-ba-	T		1301
Sat 11/06/05	3	Rally Wairarapa car club- support	Shiny 4X4	Wairarapa	Ray Harkness	Ray Harkness	T	Support for the Car Club Rally	1353
Sun 12/06/05	1	Club Champs Round 1	Club 4X4	-ba-	-ba-	-ba-	T		1302
Sat 18/06/05	1	Throphy & Cup Presentation night		PWMC	John Vruink	John Vruink	C	Bookings for dinner.	1360
Sat 18/06/05	1	Ladies Trip	Family Shiny	-ba-	-ba-	-ba-	T		1303
Sun 19/06/05	1	CANTEEN	Shiny 4X4	Rallywoods	-ba-	-ba-	T		1304
Mon 20/06/05	1	Safety Sub-Committee		Carls	Carl Furniss	Carl Furniss	P		1234
Sat 25/06/05	1	Boiler Gully and the Ridge	Club 4X4	Akatarawa Forest - Reservoir Ridge	-ba-	-ba-	T		1305
Wed 29/06/05	1	Committee Meeting		-ba-	-ba-	-ba-	C	7:30 pm	1214

Monday, 2 May 2005 17:30

Status: A=Abandoned, C=Confirmed, H=Held, P=Planned, T=Tentative

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Trip Start Date	Days	Trip Name	Trip Category	Trip Place	Trip Organiser	Trip Leader	Status	Trip Notes	Trip ID
Sat 02/07/05	1	Roller Coaster!	Hard Yakka	Akatarawa Forest - Roller Coaster	-ba-	-ba-	T		1307
Sat 02/07/05	1	Devil's Mile ?	Shiny 4X4	Devil's Mile	-ba-	-ba-	T		1306
Sat 09/07/05	1	Tamaki River (over night ?)	Shiny 4X4	Tamaki River	-ba-	-ba-	T		1309
Sat 09/07/05	1	Maps in the Aka's	Family Shiny	Akatarawa Forest	-ba-	-ba-	T		1308
Sun 10/07/05	1	Back in Rallywoods	Club 4X4	Rallywoods	-ba-	-ba-	T		1310
Wed 13/07/05	1	Club Night		Pelone Working Men's Club, Udy St	-ba-	-ba-	C	7:30 pm	1225
Sun 17/07/05	1	Check out Cave Bay	Shiny 4X4	Cave Bay	-ba-	-ba-	T		1311
Mon 18/07/05	1	Trip Leaders Forum		Pelone Working Men's Club, Udy St	Roger Seymour	Roger Seymour	P		1239
Sat 23/07/05	1	Foxton Bowl - play time	Family Shiny	Foxton Beach - Bowl	-ba-	-ba-	T		1312
Sat 23/07/05	1	Levin Hills - from Foxton	Shiny 4X4	Levin Area	-ba-	-ba-	T		1313
Sun 24/07/05	1	McKenzie Trail from Foxton	Club 4X4	Foxton Beach	-ba-	-ba-	T		1314
Wed 27/07/05	1	Committee Meeting		-ba-	-ba-	-ba-	C	7:30 pm	1215
Sat 30/07/05	2	Tauani Camp	Shiny 4X4	Tauanui, South Waikarapa	-ba-	-ba-	T		1315
Sat 06/08/05	1	Dicks yard the hard way	Hard Yakka	Akatarawa Forest - Dick's Yard	-ba-	-ba-	T		1317
Sat 06/08/05	1	South Coast and the tip ?	Family Shiny	Wellington South Coast	-ba-	-ba-	T		1316
Sun 07/08/05	1	4WD Familiarisation and Driver Training	Family Shiny	-ba-	Ray Harkness	Ray Harkness	C	Bookings and details - Ray Harkness	1264
Wed 10/08/05	1	Club Night		Pelone Working Men's Club, Udy St	-ba-	-ba-	C	7:30 pm	1226
Sat 13/08/05	1	North Range Road	Shiny 4X4	North Range Rd	-ba-	-ba-	T		1318
Sun 14/08/05	1	Odlins road in the wet	Club 4X4	Odlin's Road	-ba-	-ba-	T		1319
Sun 21/08/05	1	Deadwood Ridge	Family Shiny	Akatarawa Forest	-ba-	-ba-	T		1320



Repairs and maintenance of all
off road vehicles.

Modifications a speciality.

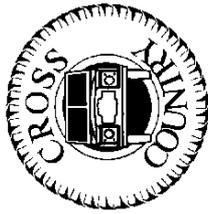
CCVC safety inspections

Contact Carl at

Wellington 4WD Specialists Ltd
26 Hawkins Street
Lower Hutt

Phone (04) 976 5325

Fax (04) 976 5313



VEHICLE CLUB
Wellington (inc)



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