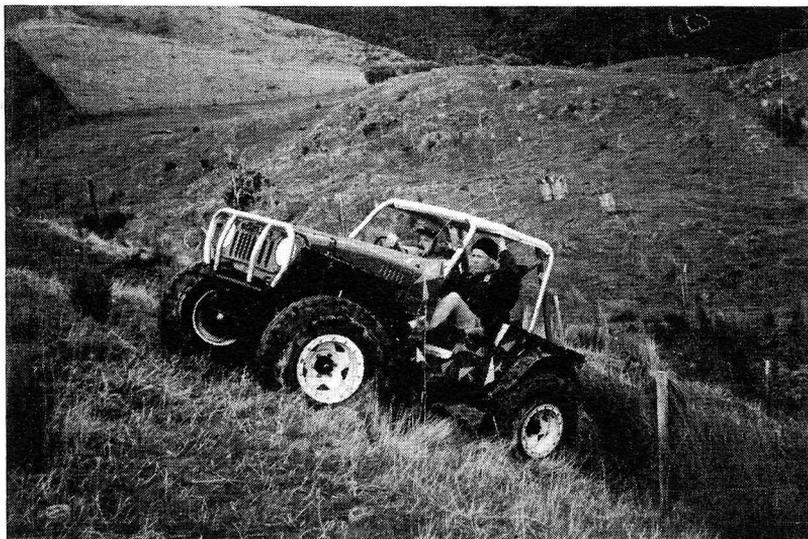




VEHICLE CLUB  
Wellington (inc)



VEHICLE CLUB  
Wellington (inc)



# March 2000

The Official Magazine of  
**The Cross Country Vehicle Club (Wellington) Inc**  
PO Box 38-762, Te Puni, Wellington

[www.ccvc.org.nz](http://www.ccvc.org.nz)



VEHICLE CLUB  
Wellington (inc)

# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)



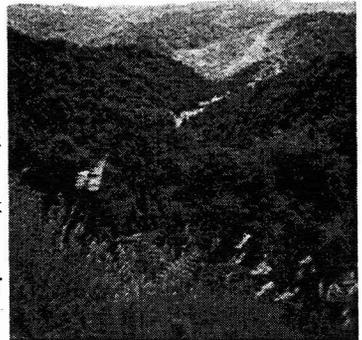
## EDITORIAL RAMBLINGS

It will be a very brief Editorial Ramble this month as I have suddenly come to the conclusion that I have next to no time to do it as I am going to be away for two weeks 4WDing in the South Island, and the newsletter has to be printed and

posted before I return. So Sandy has kindly offered to collate the newsletter, get it to the printers and then post it. Thanks a million Sandy - I didn't relish having to do the newsletter the day I get back from down south and then hand distributing at the meeting.

So read on, there's at least a little bit to read but it will be a bit short on articles just because of the time constraints. More next month when I will, hopefully, have more time.

This photo was taken on Andy's East Coast Ramble



## Totally Extreme Mud Bog

*Its back with more down and dirty action in the mud.*

The next event following the last year's in November.

Prizes will be awarded on the day.

Sunday 19<sup>th</sup> of March, Start time 10am

Jacksons Farm, Coast Road Wainuiomata (Signposted from Wainuiomata)

For entry details phone either Brendan on 021 251 3329

or Robbie on 567 2206

or entry forms available from Wellington 4WD Centre

All vehicles welcome

Scruitineering on the day

Competitors \$25 Spectator Entry \$3

This is a Charity Event with proceeds to Wainuiomata Foodbank

## President's Piece

There are many things I had in mind to deal with in what is after all, the last newsletter of this season. Those small items that I was holding over till the time was right, well, they'll just have to get held over yet again. Something slightly more important has arisen.

At the last Club meeting, I announced that with a couple of exceptions, just about the whole Committee would be standing for office again this year. Well, it ain't necessarily so.

For those who don't know, several of our Members have decided to start up their own four-wheel drive club. Known as the Valley Four Wheel Drive Club, the main reason for its inception is to provide affiliation to the National Association. Without this affiliation, our Members are excluded from the National competition series, so their motives are quite understandable. It may also be that several others amongst us feel so strongly that we should belong to a National body, that they too may choose to subscribe to VFWD.

Whatever the reasons, we wish them well. Anything that we can do to facilitate their formation is theirs for the asking.

How does this affect us? In the long term, only time will tell. With cooperation and good will, as we enjoy with other local Clubs, conflicts can be avoided. Hopefully, we should be able to achieve the same here.

In the short term however, we have a problem. Around half of our Club Officers and Committee Members have chosen to stand down, in favour of them devoting their energies towards the new Club. This means that we have to rapidly fill the vacancies their departure is creating. The loss of all the expertise is regrettable. However, if you have some time to devote to our Club and a willingness to become actively involved in the management, please stand up and be counted.

It is especially important that the newer Members are well represented. As the dynamics and demographics of the Club changes, we need to understand what it is that "turns on" our newest recruits. To help ensure the Committee's understanding, I have always made a point of recruiting at least two new Members each year. This could be your turn. Even if you only joined the Club last month, you can make a very valuable contribution – think about it. If you want to help, ring me.

Now, having got all that out of the way, what else?

Perhaps now, we have the ideal opportunity to take stock of where the Club is at, where we are heading, and what, if any, changes need to be made. In short, perhaps now is the ideal time to re-think our whole direction.

As an example of this, with the formation of VFWD, the necessity for the Club to cater for the "top-of-the-line" competitors is diminished - they can take care of themselves. Should we now reconsider where our remaining competition side is going? Many have said in the past that the courses were too hard, too difficult and too damned dangerous. That had been seriously reviewed over the past couple of years, but have they been toned down enough? I know our Competitions Officers have been at great pains to plan courses for all types of vehicle, and they have done a marvellous job, but have they gone far enough?

The up-coming Membership survey seems an ideal time to canvas these and any other opinions. I'm not saying we will change anything. I'm not saying we must change anything. What I am saying is now is an ideal time to think if change is desirable. The choices will be yours.

Andy

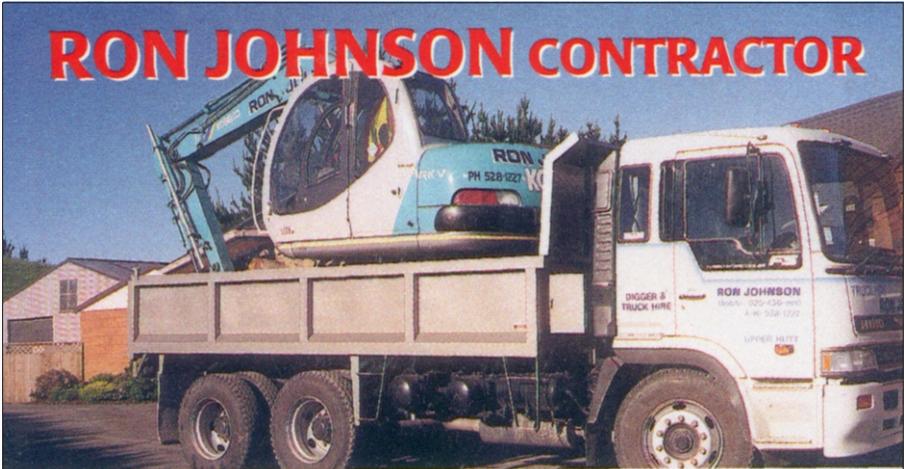


VEHICLE CLUB  
Wellington (inc)

# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)



RD 25 JOHNSONS RD  
WHITEMANS VALLEY  
UPPER HUTT

PHONE/FAX: 528-1227  
MOBILE: 025 436-960



**TOYOTA**

**Andrew Spinks Toyota**

For all your motoring needs

**New Toyotas / Used Vehicles / Finance / Parts / Service**

**OPEN 7 DAYS A WEEK**

**Parts and Service Depts**

Monday - Friday 8.00am - 5.00pm

Saturday 9.00am - 12.00 noon

**New and Used Vehicles**

Monday - Friday 8.00am - 5.30pm

Saturday 9.00am - 3.00pm

Sunday 11.00am - 3.00pm

Corner Prosser Street and Titahi Bay Road, Porirua

Contact: Andrew Mitchell Tel: 237 6104



VEHICLE CLUB  
Wellington (inc)

# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)

## 4x4 Driving Tips

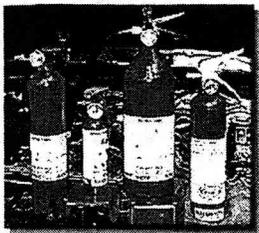
### Vehicle Fires

Many thanks to Gaylord Barrington, Captain, Long Beach Fire Department - retired.

**TIP #1:** Vehicle fires usually start in one of three places:

- The engine compartment, from fuel or oil leaks.
- Under the dash, from electrical shorts.
- The back seat, from lighted cigarettes.

**TIP #2:** Several different kinds of fire extinguishers are available. An ABC extinguisher is the most versatile and will handle type A fires (ordinary combustibles, like wood, paper, or the burning upholstery of a back seat where a lighted cigarette has landed), type B fires (flammable liquids such as oil or gasoline), and type C fires (electrical). You're best off with an ABC extinguisher.



Left - medium size ABC dry chemical.  
Center left - glucose ester PK dry chemical.  
Center right - large 135C dry chemical.  
Right - Halon extinguisher.

The downside is the fine powdery residue an ABC extinguisher leaves.

It will corrode electrical connections and will ruin computers and other electronic gear. You have to clean up thoroughly after using an ABC extinguisher.

To put out a fire, sweep the discharge from the extinguisher steadily back and forth across the base of the flames until the fire is out. Don't spray the extinguisher toward the flames that are leaping into the air - that won't do any good and just wastes the precious contents of the extinguisher.

If you have an upholstery fire in the back seat, smother the fire with the extinguisher, but then pull the back seat out of the vehicle. The fire will probably still be smoldering deep inside the seat. Open up the upholstery to extinguish the fire thoroughly.



VEHICLE CLUB  
Wellington (inc)

# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)

**TIP #3:** Avoid using ABC extinguishers for fires around computers and other electrical equipment, if you possibly can. Halon is the extinguishing agent of choice. Halon extinguishers smother a fire by shutting out the oxygen, and work well if the fire is in a confined area. If there is a breeze, the Halon will be blown away, and the fire will flare up again. Under the dash electrical fires respond well to Halon, but you've got to disconnect the battery quickly after the fire is out, or the short circuit will start up the fire again.

Because of environmental considerations, the manufacture of Halon has been banned by the EPA, but previous supplies are still available and Halon extinguishers are still available from the General Fire Extinguisher Company of Northbrook, Illinois. Call 1-800-323-6452 to find a distributor near you.

The alternative to Halon is the old CO2 extinguisher. A new agent, Halatron, is scheduled for release in a few months. Whether it works as well as Halon remains to be seen.

**TIP #4:** Carry as large an extinguisher as you can fit in, to avoid the frustration of watching the fire flare up again just as you use the last of your little glove box extinguisher.

**TIP #5:** Engine compartment fires usually occur when a fuel line cracks and leaks onto a hot engine. Inspect fuel lines frequently and replace them if they're cracking. This is especially important now since the gasoline additive MTBE has been associated with fuel line erosion and engine fires.



If you've got an engine fire, immediately turn off the ignition to shut down the fuel pump and the flow of fuel. Putting out an engine fire safely and efficiently takes two people. One holds the fire extinguisher and the other opens the hood. The fire will flare up as the fresh air hits it. Immediately spray the fire extinguisher across the base of the flames until the fire is out.

It's important to get the hood open fast. If the fire burns through the hood release cable before you can get it open, there'll be no way to get at the fire. Don't try to put out an engine fire by spraying the extinguisher through the radiator or through the wheel wells - that won't work and just wastes time and your fire extinguisher. You've got to get at the base of the flames.



VEHICLE CLUB  
Wellington (inc)

# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)



*Anything but ordinary*

## ROSS EGGERS MOTORS LTD

*Your No.1 Suzuki Specialist Dealer*

- NO OR LOW DEPOSIT TO WAGE & SALARY EARNERS (tap)
- FINANCE & LEASING TAILORED TO SUIT
- HOME DEMONSTRATIONS ANYWHERE - ANYTIME
- FULL WORKSHOP SERVICE - FREE PICK-UP & DELIVERY
- LARGEST SELECTION OF TRADE-INS NZ NEW AA TESTED

*Wellington's only authorised Suzuki dealer for parts, sales and service*

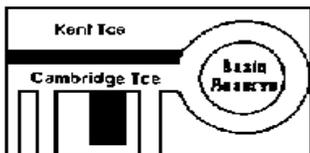
63 Cambridge Tce, Wellington

**0-4-384 7000**

**24 HOURS**

Service & Parts 0-4-384 7887

Fax 0-4-384 4471



V6 - **VITARA** **CARRY**

**BALENO** **VITARA - 4WD**

**samurai** **SWIFT**

**FARMWORKER** **ALTO**

**FOR PEACE OF MIND MOTORING**

**Proud Sponsors of the 1994 & 1995  
Pacman Automotive Deadwood Safaris**



VEHICLE CLUB  
Wellington (inc)

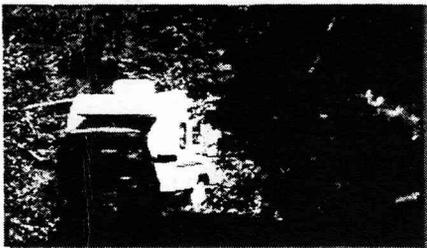
# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)

**TIP #6:** If you're fighting a vehicle fire, stay out of the "zone of danger," which is the cone-shaped area directly behind a vehicle with the gas tank located in the usual position at the back. If a gas tank explodes, it sends a tremendous blast out from the rear of the vehicle. This can be lethal for 50 to 100 feet behind the vehicle.

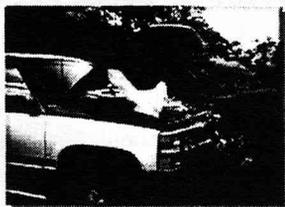
**TIP #7:** A lot of SUVs and pickups catch fire each year when the driver parks the rig in tall grass and leaves to go hunting, fishing, or hiking.



The hot catalytic converter sets the grass on fire, and the rig is then parked in the middle of a raging grass or forest fire. It burns along with everything around it. So for the sake of your rig as well as the environment, don't park close to anything that the catalytic converter or muffler could ignite.

**TIP #8:** If you drive a motorhome or tow a camper-trailer, you have to be doubly careful, because these vehicles and trailers contain propane tanks, which provide another source of fuel for fire and explosion. These rigs are also prone to electrical fires because of their complex wiring harnesses. Be sure your motorhome or trailer is equipped with a smoke detector and an LP gas detector.

**TIP #9:** You can set your rig on fire, or even be killed or injured yourself, when you're filling the gas tank from a container on which static electricity has built up. A spark jumps from the container to the rig and explodes the gas fumes. Static electricity is likely to build up on a container that's carried in a pickup with a plastic bed liner, or one that's carried on the roof of a vehicle, where highway speeds cause the friction of the air against the container to build up a charge.



Be sure to ground the container before you open it to pour out the gasoline. And remember a nearly empty container can be even more dangerous than a full one, because the gas fumes inside the container are more explosive than liquid gasoline.



VEHICLE CLUB  
Wellington (inc)

# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)

## EQUIPMENT REQUIRED ON CLUB TRIPS.

Please note that the following equipment is required on all Club trips.

- Front and rear tow hooks
- Shovel
- Fire extinguisher
- First-aid kit
- Basic tool kit
- Tow rope
- Roll bar for all open / soft top vehicles

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.

## 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 the vehicle spacing on public roads so 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.

**D. N. Rowse**

## Maintenance Welding Services.

SPECIALISTS IN:

Metal Spraying.

Cast Iron  
&  
Aluminium Welding.

Metal Spray & MIG Shaft rebuilding.

8 Hawkins Street  
Lower Hutt

Dale Rowse  
PH 569 5327





VEHICLE CLUB  
Wellington (inc)

# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)



Here are another few photos taken by Andy on his East Coast Ramble during January. Left was taken at the "Bridge to Somewhere" and right was taken at our final barbeque lunch just before departing for home.

## WELLINGTON **4WD** CENTRE

SERVICE & REPAIR ● PARTS & ACCESSORIES ● 4WD SALVAGE



OLD MAN EMU



421 Hutt Road Lower Hutt

Tel: (04) 5667504 Fax: (04) 5665268



VEHICLE CLUB  
Wellington (inc)

# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)

## LAND & RANGE ROVER – NEW & USED PARTS

**M. Gall**  
**4WD SPECIALISTS**

Phone – Fax  
**04 383 6554**

3 HAPPY VALLEY ROAD, WELLINGTON

All mechanical work undertaken  
Parts and Accessories • Winches • Chains  
Bull Bars • Jacks • Free Wheel Hubs  
Roll Frames • Strops • Wheels • Tyres

**JEEP -- LANDCRUISER -- SUZUKI**  
**NEW & USED PARTS**

### Valley View, Akatarawa Forest, 3 January 2000

Woke up to the sound of rain and thought about staying in bed. But thought the better of it, and got up and checked the trip sheet. It was on, rain hail or snow. Thought it might be an interesting shiny novice trip, as coming down the tracks to Battle Hill were greasy the night before and there'd been rain overnight.

Eleven vehicles turned out on a drizzly morning. Five of them were club members (Vince Stephens, Nissan Patrol; Steve O'Callaghan Toyota Hilux; Ron Wadham, Nissan Patrol; John Wadham, Hilux; Wayne Jansen, Cruiser). The rest were potential members.

Ron made the decision, because of the persistent rain, to start the trip at the Maungatuks. We all made our way there, and assembled in the paddock in the sunshine, for drivers briefing.

Drivers briefing over with, we lowered the air pressure in the tyres. The visitors were surprised to find that the tyre pressure in their vehicles ranged from 16 to 23 psi, instead of the recommended 28-32. They obviously do not check their tyre pressures often. That done, we were on our way.

The first creek crossing we came to at the bottom of Whakatiki Rd raised a few comments but no problems. Just a few huge bow waves on the premise that the faster you go in, the quicker you'll get out. Great to watch and thankfully no drowned engines.

Then on to the Pram track. Just enough clay to be interesting. Whenever the vehicles got a



VEHICLE CLUB  
Wellington (inc)

# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)

## Valley View, Akatarawa Forest, 3 January 2000 (cont)

little dirty, we would cross a creek and wash them. Some of us worry about our vehicles getting dirty. We arrived at the Akatarawa River near the old sawmill site. Had lunch beside the river and more comments about the brown water rushing past our lunch spot.

I think Vince tackled this one first, with no problems. Then he was out taking photos. More speed, more bow waves. The kids thought the rubber tyred boats were neat, judging by the grins on their faces. All across OK, and then we headed down the Karapoti Gorge over McGhies Bridge, then up Valley View Rd (no view, lots of mist). Turned into Air Strip Drive, never saw the air strip. Then on to Parry's Bush Rd, which brought us out eventually to Rallywoods.

The final run down the hill to another river crossing, the Whakatiki. By the time we got to this one, all the novices were experts at crossing deep water, and this was the largest. We had to head upstream 30 metres in water that was dark brown. All made it, no problems.

I hope that the group of non-club members who came enjoyed themselves. I certainly did. What a great trip, thanks Ron.

Wayne Jansen

## New & Used Parts, Accessories, Winches, Strops, Chains, etc



W.O.F. • ALL VEHICLE SERVICING & REPAIRS  
DIESEL SPECIALISTS • LIGHT ENGINEERING

Colin Landy  
Dayal Landy  
2 Epiha St, Paraparaumu

Ph: 04 902 9244  
Fax: 04 902 9243

Stockists  
Of  
Black  
Rat  
Quality  
4WD  
Equipment





VEHICLE CLUB  
Wellington (inc)

# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)

## TARANAKI STREET TYRES

298 Taranaki Street, Wellington Ph. 04 384 4363

### The 4WD Specialist

All Brands Sold

BF Goodrich – Bridgestone – Kumho – Dunlop – Goodyear  
Plus many more

Call in for a free quote

***TRY US FIRST***

## HI TECH TYRES & ALLOYS LTD

Unit 2, 24-36 Railway Ave, Lower Hutt Ph. 04 589 3551

# THE BUILDING RECYCLERS

**PHONE: 237 4000**

**ROSS VAN WAAS**

**025 461 522**

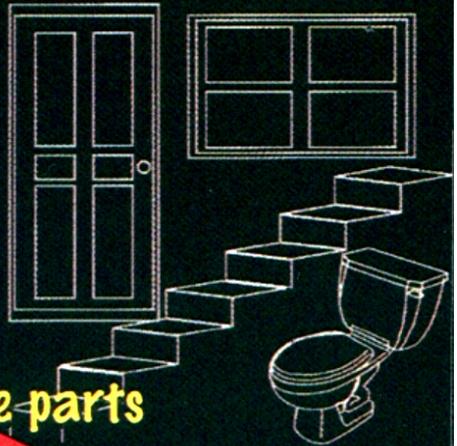
**25 Kenepuru Drive, Porirua**

**Fax: 237 7662**

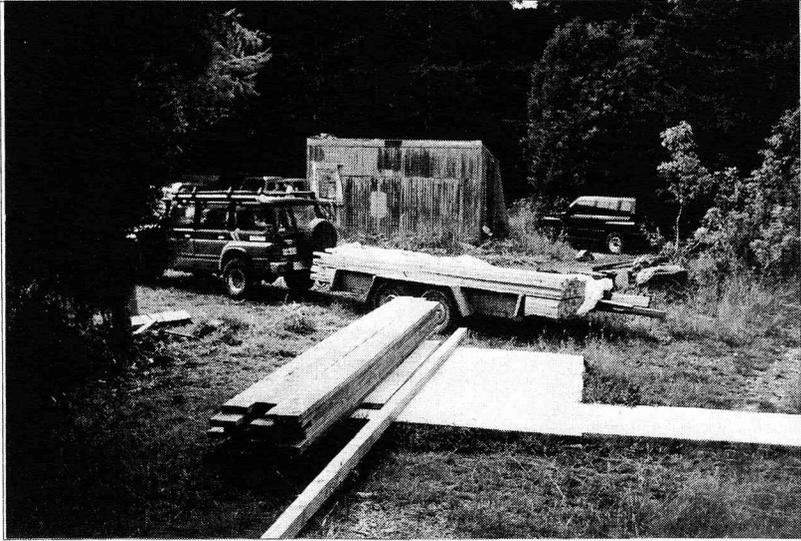
**8.30 - 5pm Mon - Fri**

**8.30 - 2pm Sat 10.00 - 3pm Sun**

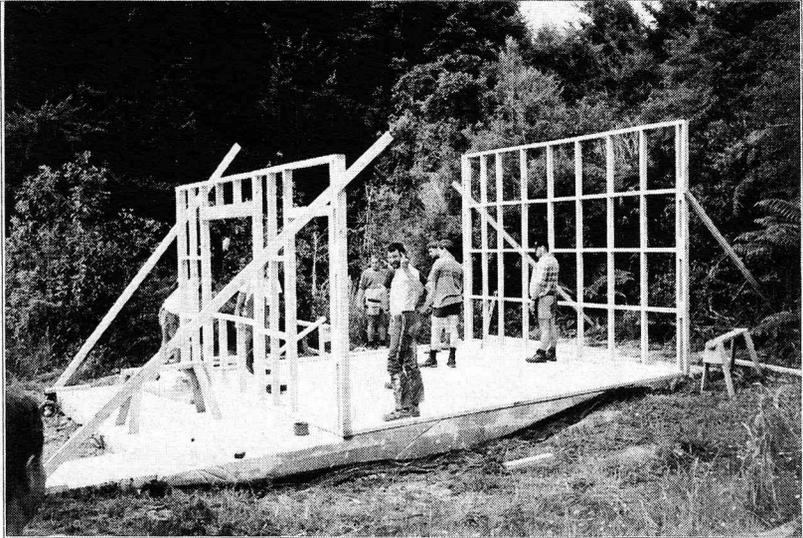
**We buy & sell used house parts**



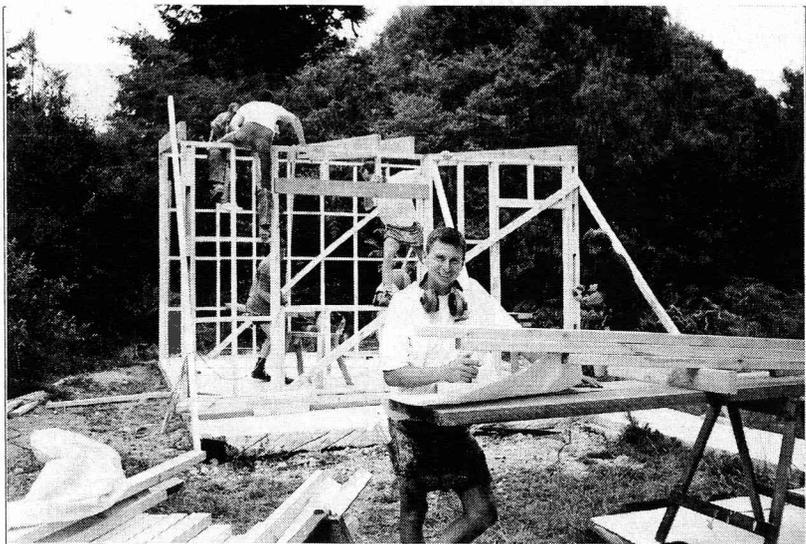
# The Orange Hut Erection



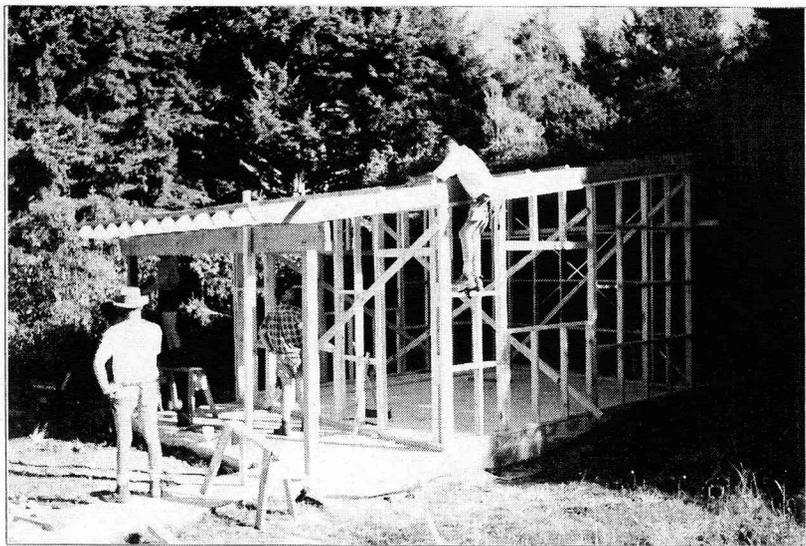
At the crack of dawn, materials begin to arrive at the new Orange Hut site (the old Hut is seen in the background).



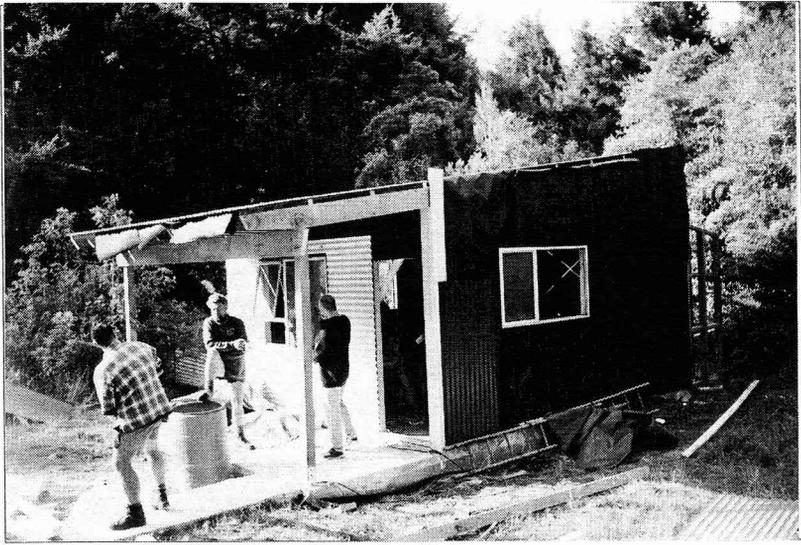
Within the hour, the first couple of frames go up ! Dan (a trailbike rider) seems to have the maths wrong here - ther's two more walls to go!



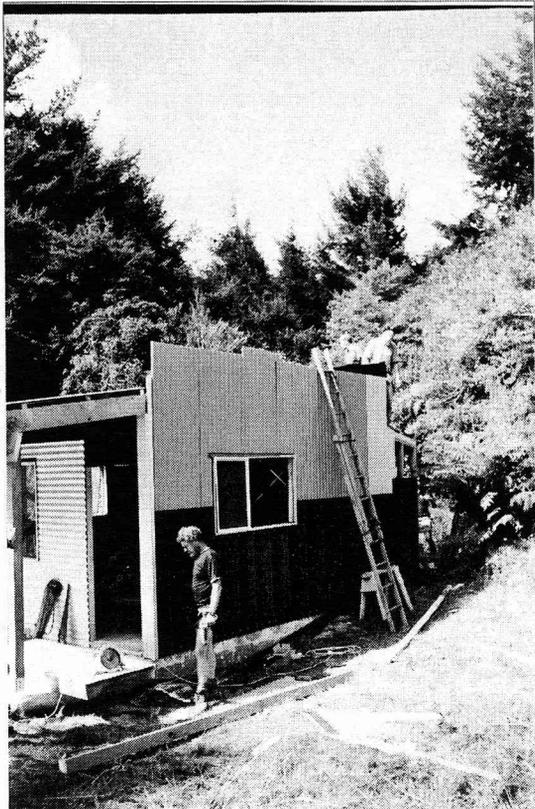
Richard Vlaar takes time out to smile for the camera as he reviews the plans.



Then the roof begins to take shape towards the end of day one.

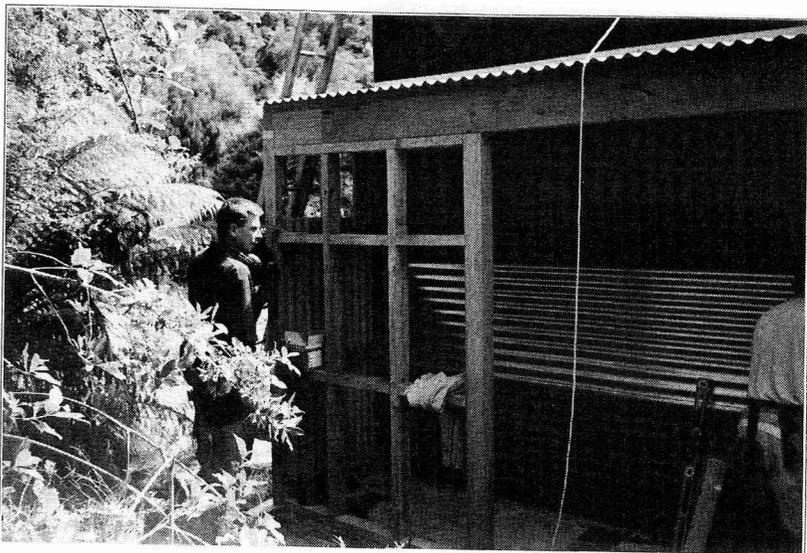


Day two, and the roofing contractors have already made a huge impression before the volunteers arrive for the day.

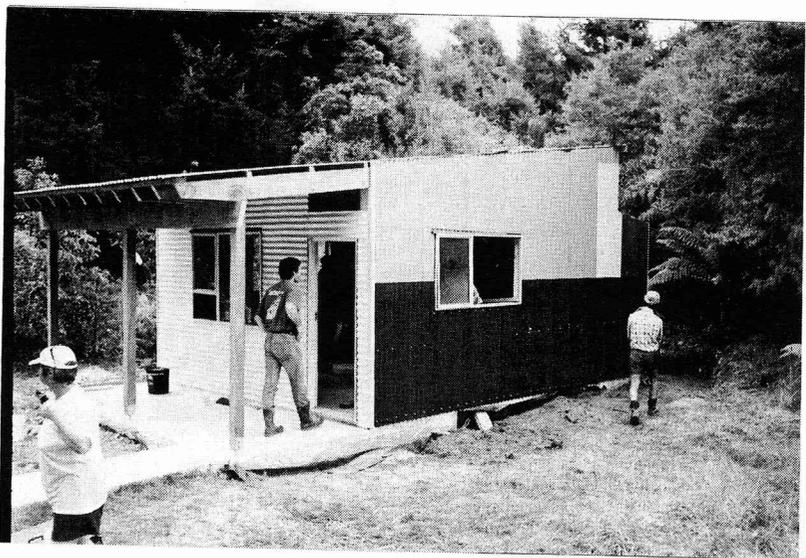


With the roof completed, the cladding goes on the sides. All this before lunch-time.

A break for a barbeque and then back in to the fray



A swift redesign of the log store, and we have enough materials to make everything fit.



The finished product. Who'd have believed that a new Hut could have been completed by such a small group of volunteers in such a short time.

**WELL DONE!**



VEHICLE CLUB  
Wellington (inc)

# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)

**D.E.M. Miller**  
PANEL & PAINT *limited*

111 NAE NAE RD,  
NAE NAE

PHONE 567 8243  
LOWER HUTT



**TOYOTA**

Andrew Spinks Toyota

**Andrew Spinks Toyota**

## CLUB MEMBERS SPECIAL

**All genuine Toyota parts less 20%**  
**All genuine Toyota accessories less 15%**

We at ANDREW SPINKS TOYOTA are happy to support the CCVC and look forward to seeing you in the future.

Please don't hesitate to give us a call on (04) 237 6104 and have a talk to our friendly parts staff.

These specials apply to CLUB MEMBERS only, please produce your membership



VEHICLE CLUB  
Wellington (inc)

# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)

## Easter Trip to Easy Cape

Come with us and spend Easter on New Zealand's remotest backcountry farm.

Te Kumi Historic Farm Station, situated at the very end of the Waikura Valley on the wild East Cape of the North Island, is acknowledged as the most remote location in New Zealand.

It is an historic sheep and cattle station established in the early 1900's when transport in to the Waikura Valley was by horse or ox-drawn wagon up the Whangaparaoa River. Today Te Kumi Station is a time-capsule to a bygone era where a dramatic sense of backcountry isolation still pervades. Visitors to Te Kumi travel back in time where, due to the rugged nature of the land, horses and dogs are still a major aspect of farming life.

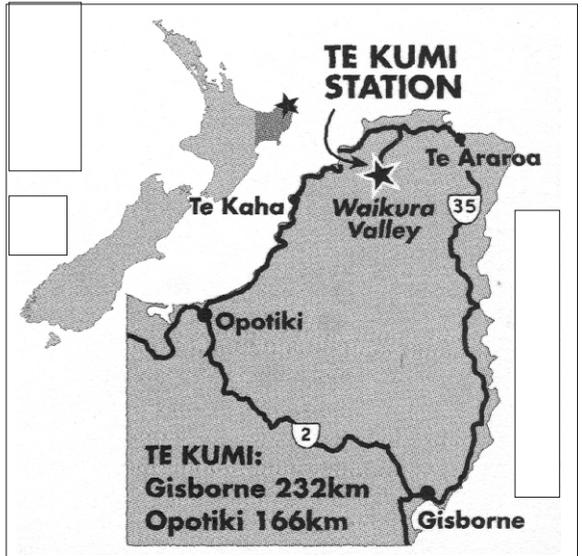
Bounded on three side by the Ruakumara State Forest, wild pigs, deer and cattle are Te Kumi's nearest neighbours. The station covers nearly 5000 acres, part of which was once Matangareka Station, abandoned by its owners during the Great Depression. Ghostly ruins of the old farm buildings can still be seen penetrating the natural regrowth.

### Itinerary:

Fri 21 April 2000	Meet at 1pm at Wairoa then drive to Gisborne
Sat 22 April 2000	Gisborne to Te Kumi Station
Sun 23 April 2000	Te Kumi Station
Mon 24 April 2000	Te Kumi Station
Tue 25 April 2000	Drive home

**Limited to the first 15 vehicles.**

For more information and bookings, please contact Dave Jones.





VEHICLE CLUB  
Wellington (inc)

# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)

## FJ40 HyperShackles

An easy way to get more flex out of your suspension  
By Eric Stegall (ex Off-Road.com)

After countless wheeling trips in my Cruiser and watching other rigs with super flexy suspensions, I began to realize how unsatisfied I was with my rear suspension. I am very happy with my front suspension flex, but I just had to do something about the lack of travel in the back. I have been using some Rancho 5 leaf, 2 1/2" lift spings for over a year now and I was ready to find another alternative.

I really didn't want to send the money for some new or custom springs, so I began looking into various pivoting or double shackles. At the time, no one made any such shackles for the Land Cruisers. Then I heard about a company called Swamp Frog Industries (SFI) that had just released their line of HyperShackles for the Land Cruiser, Jeep CJ/Wrangler, and Samurai.

So I contacted SFI and inquired about thier HyperShackles. They told me that the HyperShackles were available in lengths from 4.25" to 6.5" from shackle pin-to-pin at rest and extended lengths from 9" to 11" depending on specific applications.

The designers of the HyperShackles wanted to build their shackles to be bulletproof and superior in strength of all other pivoting shackles on the market. In doing so, they used 1/2" thick steel plate for the shackles and a piece of schedule 40 pipe for the pivot point. They also decided to use some 5/8" shackle bolts for the FJ40 applications. They could not go much bigger than the 5/8" bolts since the OD of the shackle bushings are only 1" on most FJ40 applications.

### INSTALLATION:

The installation of a pair of shackles can be a quick and painless procedure or it can be a total nightmare if the shackle pins have bonded with the bushings. Fortunately for me, I had just removed my stock shackles a few months back so I did not have to fight the frozen bushings this time. I was able to install the HyperShackles in just under 30 minutes.

To get ready for this project, I locked the hubs, shifted into 4 wheel drive, parked the Cruiser in the driveway, and blocked the front wheels. I raised the rear of the Cruiser and slid some jack stands under the frame for added safety. I used my Hi-Lift to raise the rear of the Cruiser just enough to 'unload' the springs and make it easier to remove the shackles. Then I unbolted both shackles and removed them. That was so much easier than the last time.

The shackles that I just removed were some home-brew shackles that I had made after I bent the stock shackles beyond repair. Like most aftermarket shackles, I used 9/16" SAE bolts for the pins because I could not find any 15mm bolts (stock size) locally. This required me to switch the shackle





VEHICLE CLUB  
Wellington (inc)

# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)

and spring bushings to some aftermarket ones that had an ID of 9/16".

## FJ40 HyperShackles (cont)

Since the HyperShackles use 5/8" shackle bolts and my current shackles used 9/16" shackle bolts, I had to use different shackle bushings that had an ID of 5/8". In the pictures you can see the 9/16" bushings in red, and 5/8" bushings in orange. I was lucky to have a full set of 5/8" shackle bushings lying around since the HyperShackles do not come with bushings.



I ran into some problems that I did not foresee when it came time to install the HyperShackles on my FJ40. I was using some 2 1/2" Rancho leaf springs and the spring bushings are 1 3/8" OD and 9/16" ID. I quickly ran inside and searched for some alternate bushings that had the correct 1 3/8" OD and 5/8" ID to work with my new HyperShackles, but I did not find any. I decided to see if I could drill out the Rancho poly bushing to 5/8" by using a 5/8" wood drill bit. I was

worried that the poly bushings would tear, but with the wood bit, it was more like reaming out the hole. This would not have been an issue if I had stock springs since many of the Land Cruiser vendors sell stock spring bushings with a 5/8" ID.

As I installed the HyperShackles on my Cruiser, I coated the shackle bolts with some grease to help keep the bushings lubricated. When I installed the lock nuts on the shackle bolts, I made sure they were only snug against the shackle. You do not want to over tighten the nuts or you could bend the ends of the shackles inward. I have seen this on lots of the braced or 'H' style aftermarket shackles.



## IMPRESSIONS:

"Wow, these things are beefy" was the first thing out of my mouth when I opened the box. These 1/2"



thick shackles weigh about 15 pounds each. The craftsmanship seemed to be high quality as all the edges and corners seemed laser cut and the motion of the shackles were very smooth. As soon as I was done installing the HyperShackles, I used my Hi-Lift to raise the rear of my Cruiser to see how much more potential suspension travel is possible. You can see the difference

between the before (far left) and after (near left) pictures. I think I need a longer Hi-Lift.

As the suspension cycles, you can see the HyperShackles begin to open and allow the axle to droop more than a conventional shackle. In the pictures below, the shackle extends from 4.25" at rest to 11" at full droop. I had to move my lower shock mount from the u-bolt plate to the back of the



VEHICLE CLUB  
Wellington (inc)

# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)

spring perch.



## F J 4 0 HyperShackles s (cont)

I thought that the shackles were a little noisy on the road and on the trail due to the fact that they hit the frame as the suspension cycles. In the above pictures you can see that the shackle is sitting against the frame in the left picture and it is away from the frame in the other pictures. This noise can be reduced by adding some kind of bushing between the frame and the shackle.

The shackle hitting the frame like this is an integral part of the anti-inversion feature of the HyperShackles. The last time I was on the Rubicon, I had inverted my shackles twice. When a shackle gets inverted, the spring is forced against the frame and there is a great possibility that your spring will bend or break if it is not corrected right away.

With my Cruiser now equipped with HyperShackles, I noticed that I could go further along some of my favorite trails without having to use my air locker. There was no doubt that the added droop provided by the shackles gave me the necessary traction to keep moving. The limiting factor in my suspension setup was the fact that the Rancho springs were a little too stiff to allow the full potential of what the HyperShackles could deliver. I think with softer springs (stock springs) I would have seen even more droop.



Here you can see the HyperShackles have a built in gap of 1/4" between the bushings and the shackle. This is designed to allow the shackle and spring to twist somewhat since the shackle itself will not. I did not notice any adverse effects due to this gap, but it might cause the bushings to wear out faster than normal by putting more pressure on the shoulders of bushing.

One thing that has me worried about pivoting type shackles is when backing down really steep hills, there is a potential for them to open up a little on the rear spings. I have not seen this first hand yet, but I will keep an eye on it and see what happens. I have had these shackles on for 6 months now and I have punished them numerous times on the Rubicon, through Gold Lake, and all over Hollister Hills, and I have not had any problems with them



Overall, I am very satisfied with the quality of these shackles and they performed like I had hoped.



VEHICLE CLUB  
Wellington (inc)

# Cross Country Chronicle



VEHICLE CLUB  
Wellington (inc)

## COMMITTEE NOMINATION FORM

I wish to nominate the following person(s) for office of the Cross Country Vehicle Club (Wellington) Inc. for the 2000 / 2001 term:

- \* President . . . . . \_\_\_\_\_
- \* Vice President . . . . . \_\_\_\_\_
- \* Secretary . . . . . \_\_\_\_\_
- \* Treasurer . . . . . \_\_\_\_\_
- Newsletter Editor . . . . . \_\_\_\_\_
- MANZ Delegates . . . . . \_\_\_\_\_
- \* Competition Officer . . . . . \_\_\_\_\_
- \* Entertainment Officer . . . . . \_\_\_\_\_
- Club Captain . . . . . \_\_\_\_\_
- Club Stewards . . . . . \_\_\_\_\_
- Trophy Monitor . . . . . \_\_\_\_\_
- New Members Officer . . . . . \_\_\_\_\_
- Safety Officer . . . . . \_\_\_\_\_
- Driver Training Officer . . . . . \_\_\_\_\_
- Trip Co-Ordinator . . . . . \_\_\_\_\_
- Archivist . . . . . \_\_\_\_\_
- \* Committee Members (4) . . . . . \_\_\_\_\_
- Welfare Officer. . . . . \_\_\_\_\_
- Complaints Officer . . . . . \_\_\_\_\_
- Publicity Officer . . . . . \_\_\_\_\_
- Asset Manager. . . . . \_\_\_\_\_

The committee shall consist of all officers marked with a \*.

Proposed by: \_\_\_\_\_

Seconded by: \_\_\_\_\_

Accepted by: \_\_\_\_\_

Date: \_\_\_\_\_



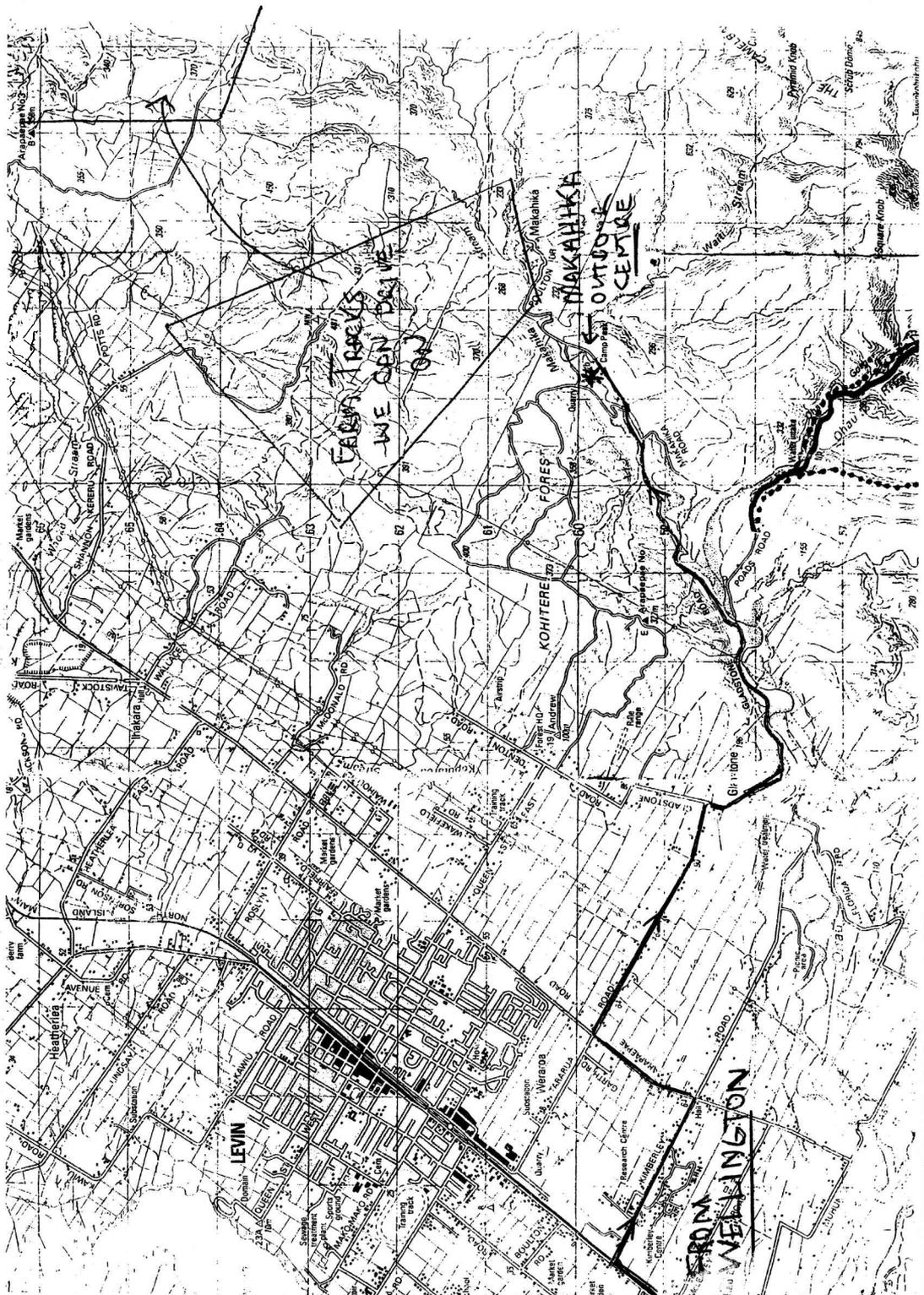
**LEVIN FOOTHILLS**  
**31st MARCH, 1st & 2nd APRIL**

Two days of activities has been arranged using Makahika Outdoor Centre as a base camp. We will stay at the centre for Friday and Saturday nights and drive some tracks on Saturday and Sunday.

The camp is located 12 km from Levin on Gladstone Rd ( 2 km past the end of the seal ) on the left hand side of the valley and about 200 meters from the road. Refer map in news letter. Beds are available for up to 40 people in cabins.

The accommodation has a fully equipped kitchen also hot showers . All you need is sleeping bags , food, and refreshments you require. A BBQ meal has been arranged for Saturday evening - drivers are free and additional adults \$7.00.

The tracks we will be driving are in the foothills behind Levin & Shannon and the Mangaora Power Station on Saturday, and North Range Road at the northern end of the Tararua Ranges and Takapari Road in the Ruahine Ranges on Sunday.



EAGLE PARKS  
WE CAN DRIVE

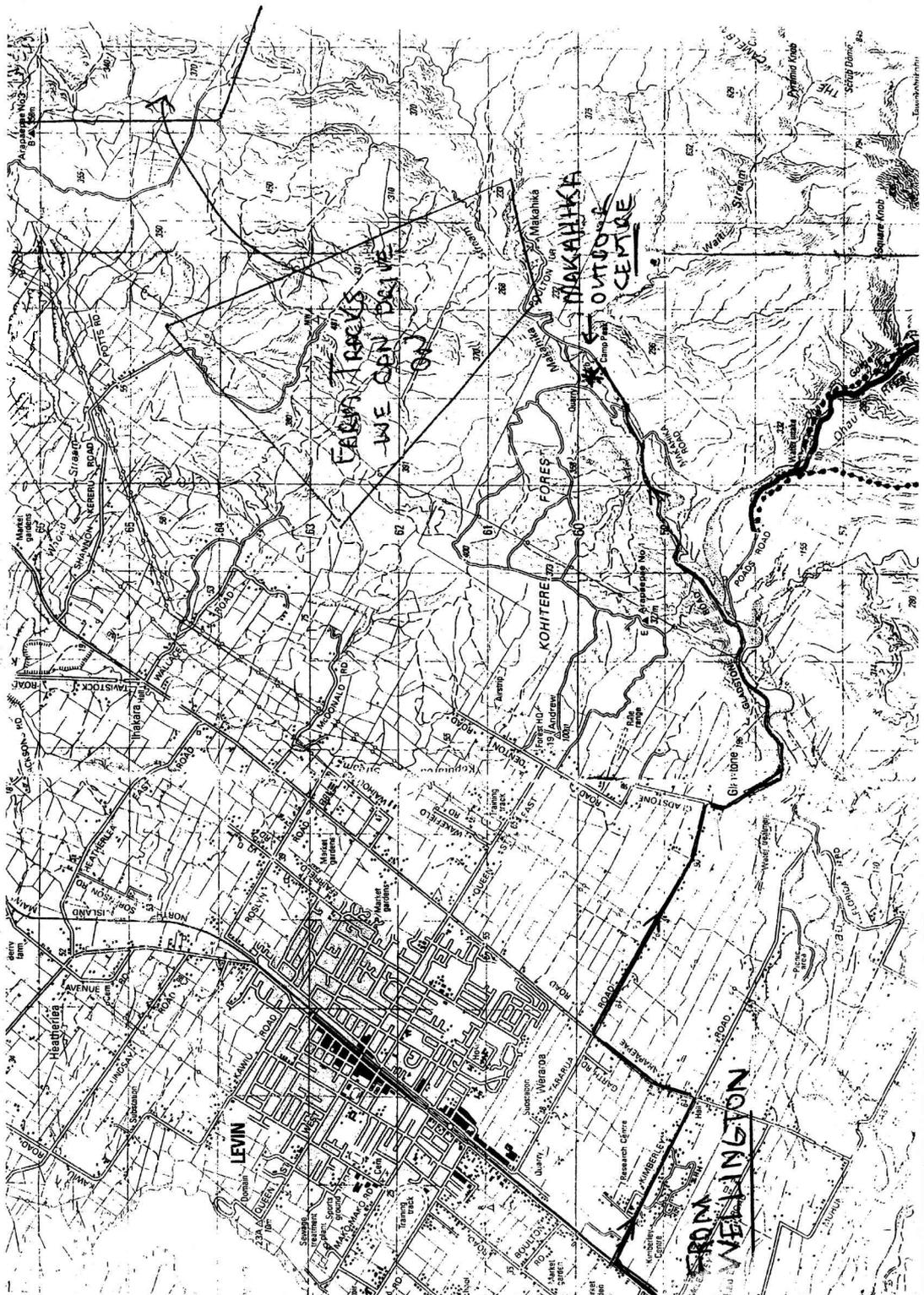
MAKAHIKA  
MOUNTAIN CENTRE

FOREST

KOHITERE

LEVIN

FROM WELLINGTON



# Cross Country Vehicle Club (Wellington) Inc.



## Trip Information Sheet

**Trip Name:** Orange Hutt Hard Yakka

**Venue:** 24hr Track **Category:** Hard Yakka

VEHICLE CLUB  
Wellington (inc)

**Trip Leader:** Andy Cockcroft **Phone:** (04) 528 - 0119 **Callsign:** K26

**Bookings Required:** No  Yes  **Book with leader before:** \_\_\_\_\_

**Limited Numbers:** No  Yes

### Trip Meeting Point

Mangatukutuku Gate

**Drivers Briefing** Date: 11/03/00 and 12/03/00 Time: 9:30am  
**Trip Departure** Date: 11/03/00 and 12/03/00 Time: 9:45am  
 Date: 11/03/00 and 12/03/00 Time: 10:00am

### Alternative Meeting Point

Date: \_\_\_\_\_ Time: \_\_\_\_\_

### Expected Finishing Point

Date: 11/03/00 and 12/03/00 Time: 4:00pm

**Fuel required for:** 1-2 Kms / Days **Fuel available at:** Paraparaumu

**Food required for:** 1-2 Days **Food available at:** Paraparaumu

**Drinks required for:** 1-2 Days **Drinks available at:** Paraparaumu

**Land Access Fee:** \$ \_\_\_\_\_ Per vehicle/day **Camp Fee:** \_\_\_\_\_ 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 1035AM at \_\_\_\_\_

### Possible vehicle damage expected on trip:

- No damage likely
- Some bush marks possible
- Some damage to sills & comers 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

### Vehicle requirements:

- Tow hooks, front & rear
- Recovery strop, Shovel
- First aid kit, Fire extinguisher
- Roll bar / cage for soft/open tops
- Roll bar / cage for 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 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 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 checked="" 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   |

**Notes:** ½ day work ½ day play, Bring Wheelbarrows, some concrete to be laid, Details at Club nite

# Cross Country Vehicle Club (Wellington) Inc.



## Trip Information Sheet

**Trip Name:** Orange Hutt Family Trip

**Venue:** Akatarawa Forest **Category:** Shiny Novice

VEHICLE CLUB  
Wellington (inc)

**Trip Leader:** Andy Cockcroft **Phone:** (04) 528 - 0119 **Callsign:** K26

**Bookings Required:** No  Yes  **Book with leader before:** \_\_\_\_\_

**Limited Numbers:** No  Yes

### Trip Meeting Point

Mangatukutuku Gate

	Date: <u>11/03/00 and 12/03/00</u>	Time: <u>9:30am</u>
Drivers Briefing	Date: <u>11/03/00 and 12/03/00</u>	Time: <u>9:45am</u>
Trip Departure	Date: <u>11/03/00 and 12/03/00</u>	Time: <u>10:00am</u>

### Alternative Meeting Point

Date: \_\_\_\_\_ Time: \_\_\_\_\_

### Expected Finishing Point

Date: 11/03/00 and 12/03/00 Time: 4:00pm

**Fuel required for:** 1-2 Kms / Days **Fuel available at:** Paraparaumu

**Food required for:** 1-2 Days **Food available at:** Paraparaumu

**Drinks required for:** 1-2 Days **Drinks available at:** Paraparaumu

**Land Access Fee:** \$ \_\_\_\_\_ Per vehicle/day **Camp Fee:** \_\_\_\_\_ 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 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

Dry Wet

### Pets:

- No
- Yes
- Only if kept in vehicle

### Vehicle type:

- Any vehicle
- SWB only

### Vehicle requirements:

- Tow hooks, front & rear
- Recovery strop, Shovel
- First aid kit, Fire extinguisher
- Roll bar / cage for soft/open tops
- Roll bar / cage for 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"/> Gravel                   |
| <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 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 type="checkbox"/>            | <input type="checkbox"/> Steep ascents/descents   |

**Notes:** 1/2 day work 1/2 day play, Bring Wheelbarrows, some concrete to be laid, Details at club nite

# Cross Country Vehicle Club (Wellington) Inc.



## Trip Information Sheet

**Trip Name:** Novice Training

**Venue:** Foxton Beach

**Category:** Training

VEHICLE CLUB  
Wellington (inc)

**Trip Leader:** Grant Purdie

**Phone:** 04 231192

**Callsign:** K71

**Bookings Required:** No  Yes

**Book with leader before:** 15/3/00

**Limited Numbers:** No  Yes

### Trip Meeting Point

Foxton Beach Motor Camp

	Date: <u>18/3/00</u>	Time: _____
Drivers Briefing	Date: <u>18/3/00</u>	Time: <u>9:45 am</u>
Trip Departure	Date: <u>18/3/00</u>	Time: <u>10:00am</u>

### Alternative Meeting Point

Date: \_\_\_\_\_ Time: \_\_\_\_\_

### Expected Finishing Point

Foxton Beach Motor Camp

Date: 18/3/00 Time: 4:00 pm

**Fuel required for:** 1 Kms / Days      **Fuel available at:** Foxton

**Food required for:** 1 Days      **Food available at:** Foxton

**Drinks required for:** 1 Days      **Drinks available at:** Foxton

**Land Access Fee:** \$5 Per vehicle/day      **Camp Fee:** \_\_\_\_\_ 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 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:

- |                                     |                                     |                     |
|-------------------------------------|-------------------------------------|---------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Novice drivers      |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Average drivers     |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Experienced drivers |
- Dry      Wet

### Pets:

- No
- Yes
- Only if kept in vehicle

### Vehicle type:

- Any vehicle
- SWB only

### Vehicle requirements:

- Tow hooks, front & rear
- Recovery strap, Shovel
- First aid kit, Fire extinguisher
- Roll bar / cage for soft/open tops
- Roll bar / cage for 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Beach or sand            |
| <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Clay or mud              |
| <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Rocky or river boulders  |
| <input checked="" type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Average ascents/descents |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Steep ascents/descents   |

**Notes:** Good for all, not hard on vehicles, please book with Grant so he know weather to Go or not

# Cross Country Vehicle Club (Wellington) Inc.



## Trip Information Sheet

**Trip Name:** Manufactures Challenge Round 4  
**Venue:** Dicks Yard **Category:** Special  
**Trip Leader:** Dave Hilleard **Phone:** 04-5278114 **Callsign:** K101  
**Limited Numbers:** No  Yes  - **Book with leader before:** \_\_\_\_\_

VEHICLE CLUB  
Wellington (inc)

### Trip Meeting Point

CNR BULLS RUN RD AND MOONSHINE RD

**Date:** 19-3 2000 **Time:** 9.00  
**Drivers Briefing Date:** 19-3 2000 **Time:** 9.15  
**Trip Departure Date:** 19-3 2000 **Time:** 9.30

### Alternative Meeting Point

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

### Expected Finishing Point

CNR BULLS RUN RD AND MOONSHINE

**Date:** 19-3-2000 **Time:** 16.30

**Fuel required for:** 50 Kms / Days **Fuel available at:** UPPER HUTT  
**Food required for:** 1 Days **Food available at:** UPPER HUTT  
**Drinks required for:** 1 Days **Drinks available at:** UPPER HUTT

**Land Access 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 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

Dry Wet

### Pets:

- No
- Yes
- Only if kept in vehicle

### Vehicle type:

- Any vehicle
- SWB only

### Vehicle requirements:

- Tow hooks, front & rear
- Recovery strop, Shovel
- First aid kit, Fire extinguisher
- Roll bar / cage for soft/open tops
- Roll bar / cage for 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 type="checkbox"/>            | <input type="checkbox"/> Beach or sand            |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> Clay or mud              |
| <input type="checkbox"/>            | <input 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 type="checkbox"/>            | <input type="checkbox"/> Average ascents/descents |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> Steep ascents/descents   |

**Notes:** ONE WINCH PER TEAM AT LEAST

# Cross Country Vehicle Club (Wellington) Inc.



## Trip Information Sheet

Trip Name: Boy Scout Fund Raiser

Venue: Akatarawara Category: Guest Group VEHICLE CLUB Wellington (inc)

Trip Leader: Andy Cockcroft Phone: 04 528 - 0119 Callsign: K26

Bookings Required: No  Yes  Book with leader before: \_\_\_\_\_

Limited Numbers: No  Yes

### Trip Meeting Point

#### DETAILS AT MEETING

Drivers Briefing Date: Sun 19/03/00 Time: 9:00am  
Trip Departure Date: Sun 19/03/00 Time: 9:15am  
Date: Sun 19/03/00 Time: 9:30am

### Alternative Meeting Point

Date: \_\_\_\_\_ Time: \_\_\_\_\_

### Expected Finishing Point

Date: Sun 19/03/00 Time: 4:00pm

Fuel required for: \_\_\_\_\_ Kms / Days Fuel available at: \_\_\_\_\_

Food required for: \_\_\_\_\_ Days Food available at: \_\_\_\_\_

Drinks required for: \_\_\_\_\_ Days Drinks available at: \_\_\_\_\_

Land Access Fee: \$ \_\_\_\_\_ Per vehicle/day Camp Fee: \_\_\_\_\_ 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 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

Dry Wet

### Pets:

- No
- Yes
- Only if kept in vehicle

### Vehicle type:

- Any vehicle
- SWB only

### Vehicle requirements:

- Tow hooks, front & rear
- Recovery strop, Shovel
- First aid kit, Fire extinguisher
- Roll bar / cage for soft/open tops
- Roll bar / cage for 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 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 type="checkbox"/>            | <input type="checkbox"/> Steep ascents/descents   |

Notes: DETAILS AT MEETING

# Cross Country Vehicle Club (Wellington) Inc.



## Trip Information Sheet

**Trip Name:** Terawhiti Work Party and Trips

**Venue:** Terawhiti Station **Category:** all

VEHICLE CLUB  
Wellington (inc)

**Trip Leader:** Grant Purdie **Phone:** 04 2331192 **Callsign:** K71

**Bookings Required:** No  Yes

**Book with leader before:** \_\_\_\_\_

**Limited Numbers:** No  Yes

### Trip Meeting Point

Makara Village

**Date:** 19/3/00 **Time:** 9:00am

**Drivers Briefing** **Date:** 19/3/00 **Time:** 9:15am

**Trip Departure** **Date:** 19/3/00 **Time:** 9:30am

### Alternative Meeting Point

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

### Expected Finishing Point

**Date:** 19/3/00 **Time:** 5:00pm

**Fuel required for:** 1 Kms / Days **Fuel available at:** J'Ville

**Food required for:** 1 Days **Food available at:** J'Ville

**Drinks required for:** 1 Days **Drinks available at:** J'Ville

**Land Access Fee:** \$5 Per vehicle/day **Camp Fee:** \_\_\_\_\_ 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 1035AM at \_\_\_\_\_

### Possible vehicle damage expected on trip:

- No damage likely
- Some bush marks possible
- Some damage to sills & comers 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

### Vehicle requirements:

- Tow hooks, front & rear
- Recovery strop, Shovel
- First aid kit, Fire extinguisher
- Roll bar / cage for soft/open tops
- Roll bar / cage for 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   |

**Notes:** Paint the woolshed, then enjoy the terrain, Food and Drinks Provided, final Confirmation on Club Nite

# Cross Country Vehicle Club (Wellington) Inc.

## Trip Information Sheet



**Trip Name:** Whitemans Valley Wander

**Venue:** \_\_\_\_\_ **Category:** Club 4 x 4

VEHICLE CLUB  
Wellington (inc)

**Trip Leader:** Andrew Mitchell **Phone:** 04 5269285 **Callsign:** K 90

**Limited Numbers:** No  Yes  - **Book with leader before:** \_\_\_\_\_

### Trip Meeting Point

*FIRE No 615 Whitemans Valley rd 15 min drive from Silverstream*

	Date: <u>26-3-2000</u>	Time: <u>9.00</u>
Drivers Briefing	Date: <u>26-3-2000</u>	Time: <u>9.15</u>
Trip Departure	Date: <u>26-3-2000</u>	Time: <u>9.30</u>

### Alternative Meeting Point

Date: \_\_\_\_\_ Time: \_\_\_\_\_

### Expected Finishing Point

*Whitemans Valley Road*

Date: 26-3-2000 Time: 4.30

**Fuel required for:** 50 Kms / Days **Fuel available at:** Silverstream

**Food required for:** 1 Days **Food available at:** Silverstream

**Drinks required for:** 1 Days **Drinks available at:** Silverstream

**Land Access Fee:** \$10 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 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

Dry Wet

### Pets:

- No
- Yes
- Only if kept in vehicle

### Vehicle type:

- Any vehicle
- SWB only

### Vehicle requirements:

- Tow hooks, front & rear
- Recovery stop, Shovel
- First aid kit, Fire extinguisher
- Roll bar / cage for soft/open tops
- Roll bar / cage for 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 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 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 type="checkbox"/>            | <input checked="" type="checkbox"/> Steep ascents/descents |

**Notes:** This is a new track so come have a look

# Cross Country Vehicle Club (Wellington) Inc.



## Trip Information Sheet

**Trip Name:** Levin hill farms

VEHICLE CLUB  
Wellington (inc)

**Venue:** Family trip      **Category:** Shiny 4x4

**Trip Leader:** John Vruink      **Phone:** 04 5671142      **Callsign:** K

**Limited Numbers:** No  Yes  - 20      **Book with leader before:** yes

### Trip Meeting Point

MAHIKA OUTDOOR CENTRE

	<b>Date:</b> <u>FRI 31-3-2000</u>	<b>Time:</b> <u>FRI NIGHT</u>
<b>Drivers Briefing</b>	<b>Date:</b> <u>SAT 1-4-2000</u>	<b>Time:</b> <u>9.00</u>
<b>Trip Departure</b>	<b>Date:</b> <u>SAT 1-4-2000</u>	<b>Time:</b> <u>9.15</u>

### Alternative Meeting Point

N/A

**Date:** \_\_\_\_\_ **Time:** \_\_\_\_\_

### Expected Finishing Point

MAHIKA OUTDOOR CENTRE

**Date:** 2-4-2000      **Time:** 5.00pm

**Fuel required for:** 100 Kms / Days      **Fuel available at:** LEVIN

**Food required for:** 2 Days      **Food available at:** LEVIN

**Drinks required for:** 2 Days      **Drinks available at:** LEVIN

**Land Access Fee:** \$7.00 Per vehicle/day      **Camp Fee:** \$12 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 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

Dry      Wet

### Pets:

- No
- Yes
- Only if kept in vehicle

### Vehicle type:

- Any vehicle
- SWB only

### Vehicle requirements:

- Tow hooks, front & rear
- Recovery strap, Shovel
- First aid kit, Fire extinguisher
- Roll bar / cage for soft/open tops
- Roll bar / cage for 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"/> Gravel                   |
| <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 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 type="checkbox"/>            | <input type="checkbox"/> Average ascents/descents |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> Steep ascents/descents   |

**Notes:** The \$7 trip fee includes BBQ for Sat night

# Cross Country Vehicle Club (Wellington) Inc.



## Trip Information Sheet

**Trip Name:** Family Trip Red Rocks

**Venue:** Red Rocks

**Category:** Shiny Novice

VEHICLE CLUB  
Wellington (inc)

**Trip Leader:** Gary Wong Too

**Phone:** 04 528 - 7306

**Callsign:** K100

**Bookings Required:** No  Yes

**Book with leader before:** \_\_\_\_\_

**Limited Numbers:** No  Yes

### Trip Meeting Point

Red Rocks Quarry Gate

Drivers Briefing	Date: <u>Sat 8/4/00</u>	Time: <u>9:30am</u>
Trip Departure	Date: <u>Sat 8/4/00</u>	Time: <u>9:45am</u>
	Date: <u>Sat 8/4/00</u>	Time: <u>10:00am</u>

### Alternative Meeting Point

Date: \_\_\_\_\_ Time: \_\_\_\_\_

### Expected Finishing Point

Red Rocks Quarry Gate

Date: Sat 8/4/00 Time: 4:00pm

**Fuel required for:** 1 Kms / Days **Fuel available at:** \_\_\_\_\_

**Food required for:** 1 Days **Food available at:** \_\_\_\_\_

**Drinks required for:** 1 Days **Drinks available at:** \_\_\_\_\_

**Land Access Fee:** \$5 Per vehicle/day **Camp Fee:** \_\_\_\_\_ 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 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:

- |                                     |                                     |                     |
|-------------------------------------|-------------------------------------|---------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Novice drivers      |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Average drivers     |
| <input type="checkbox"/>            | <input type="checkbox"/>            | Experienced drivers |
- Dry Wet

### Pets:

- No
- Yes
- Only if kept in vehicle

### Vehicle type:

- Any vehicle
- SWB only

### Vehicle requirements:

- Tow hooks, front & rear
- Recovery strop, Shovel
- First aid kit, Fire extinguisher
- Roll bar / cage for soft/open tops
- Roll bar / cage for 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"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input 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

**Notes:** Saturday to allow for gate being open

# Trip Database

From: 1/3/2000 To: 30/6/2000

Trip Start Date	Days	Trip Name	Trip Category	Trip Place	Trip Leader	Status	Trip Notes	Trip ID
Wed 01/03/00	6	Sih Island Coast-2-Coast Tough Guys	Not CCVC	Grey mouth to Kaikoura		C		211
Wed 08/03/00	1	Club Night & AGM	Meetings	Belmont Hall	Andy Cockroft	C		159
Sat 11/03/00	2	Orange Hut Family Trip	Shiny Novice	Akatarawa Forest	Andy Cockroft	C	Help at the Orange Hut then a Family Trip in the forest.	269
Sat 11/03/00	2	Post Work Party Camp Out	Hard Yakka	24 Hour Track	Andy Cockroft	C	Help at the Orange Hut then a Hard Yakka with a camp out somewhere.	270
Sat 11/03/00	2	Mountain Bikes ARAC Fund Raiser	Guest Group	Kau Kau	Marcus Steeneken	C	Volunteers please contact Marcus 025-439 183 or Res 569 . 7432.	232
Sat 18/03/00	1	Novice Training	Training	Foxton Beach	Grant Purdie	C	Some novel novice training in the sand! Good for all, not hard on vehicles. Please book so Grant knows whether to go.	271
Sun 19/03/00	1	Terawhiti Work Party and Trips	All	Terawhiti Station, South Makara	Grant Purdie	P	Help paint the Woolshed then enjoy the terrain. Food & drinks might be provided! Final confirmation at club night.	240
Sun 19/03/00	1	Manufacturers' Challenge Last Round	Hard Yakka	Dick's Yard, Akatarawa Forest	Dave Hilliard	C		238
Sun 19/03/00	1	Boy Scout Fund Raiser Public Day	Guest Group	Akatarawa Forest	Andy Cockroft	C	Volunteers would be appreciated.	277
Sun 26/03/00	1	Whiteman's Valley Wander	Club 4X4	Colin James' property, Whiteman's Valley	Andy Mitchell	C		262
Wed 29/03/00	1	Committee Meeting	Meetings	-tba-	-tba-	P		168
Fri 31/03/00	3	Levin Hill Farms Family Trip	Shiny 4X4	Levin Area	John Vruink	C	Stay at Hostel.	259
Sun 09/04/00	1	Family Trip	Shiny Novice	-tba-	-tba-	P	Details at Club Night 8 March.	272

Trip Start Date	Days	Trip Name	Trip Category	Trip Place	Trip Leader	Status	Trip Notes	Trip ID
Wed 12/04/00	1	Club Night	Meetings	Belmont Hall	-tba-	C		160
Sat 15/04/00	1	Whiteman's Valley Family Trip	Shiny 4X4	Whiteman's Valley	Antony Royal	P		275
Sun 16/04/00	1	Pram Track Work Party	All	Pram Track, Akatarawa Forest	Grant Purdie	P	Work for the morning fixing the water run-offs, and well arrange some Pot Luck trips for the afternoon.	260
Thu 20/04/00	7	Te Kumi Easter Trip	All	East Cape	Andy Cockroft	P		276
Fri 21/04/00	5	Easter & Anzac at Foxton Beach	All	Foxton Beach	N/A	C	Drive the sand dunes. Camp at Foxton Beach Motor Camp or come for a day.	241
Wed 26/04/00	1	Committee Meeting	Meetings	-tba-	-tba-	P		169
Sun 30/04/00	1	Hard Yakka	Hard Yakka	-tba-	-tba-	P		273
Wed 10/05/00	1	Club Night	Meetings	Belmont Hall	-tba-	C		263
Sat 13/05/00	2	Foxton Beach Grass Planting + Trips	All	Foxton Beach	Andy Cockroft	T	Date and details to be confirmed.	261
Wed 31/05/00	1	Committee Meeting	Meetings	-tba-	-tba-	P		265
Fri 02/06/00	4	Pureora Queen's Birthday Weekend	All	Pureora Forest	-tba-	P	Date, accommodation etc to be confirmed. Bookings will be necessary.	278
Wed 14/06/00	1	Club Night	Meetings	Belmont Hall	-tba-	C		264
Wed 28/06/00	1	Committee Meeting	Meetings	-tba-	-tba-	P		266



# Bowler Motors Limited



(Incorporating Aluminium Welding Services)

**Full Workshop Facilities:**

*Cars - Vans - Trucks - Plant - 4WD's - Small Engines*

**Specialist Services**

- ⇒ **Disc & Drum Machining** - Car & Truck  
(on/off vehicle)
- ⇒ **Exhaust Pipe Fabrication** - up to 3<sup>inch</sup>
- ⇒ **CNG/LPG** - Installation & Maintenance
- ⇒ **Engineering** - Trailers, Decks, Tow Hooks,  
Protection Bars & Winch Mounts
- ⇒ **WOF's & AFC's** - While you wait  
(Appointment Necessary)
- ⇒ **Rust Repairs** - No job too big or small

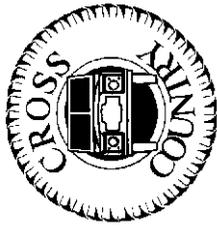
**Generous Discounts for Club Members  
- Let us quote on your next job**

**“No bullshit, just plain old fashioned Service”**



**Pete Birkett  
&  
Dave Bowler**





VEHICLE CLUB  
Wellington (inc)

Postage Paid  
Wellington NZ  
Permit 56417

