

SOUTH ISLAND FORMULA FORD

COMMITTEE : A.Robertson, M Elder, R.Toshach, M.Smit, S.Spencer-Bower, R.McKenzie, R.Low, D.Christensen, G.Love, L. Low ,N.Barclay, D.Wilson, I.McKeown (Technical subcommittee)

JUNE 2021

Hi Everyone and welcome to the June newsletter, and after quite a spell isn't it good to see some Supercar action across the ditch again, this time at Darwin's Hidden Valley Raceway for races 12,13 & 14 of the 31 race Supercar series. Two out of three for SVG and it would have been a clean sweep if the centre nut would come off, but the meeting still reinforced the domination he has this year, and with seventeen races to go, the tally is only going to get greater.



When it comes to NASCAR, I struggle at times but the racing at Sonoma was entertaining to say the least, with Kyle Larson winning after some fairly action-packed racing. The left turn brigade are definitely getting the hang of road circuits and the big cars went pretty well. Tyre degradation seemed to be measured by the number of cords showing and I had to assume that the weight of the cars was the reason, but at 1542kg, in comparison to a Supercar at 1395kg, there isn't as

much in it as there looks.

Still in the States though and both of the Scotts are going through an average patch, although the Dixon version is only 53 points off the lead in the championship after a decent fourth place at Road America, Wisconsin and the reliability of the Ganassi cars is rock solid so he is right in the game. Same can't be said for Jimmy Johnson though and it is a little sad to see the NASCAR legend so completely out of his depth.



And isn't it interesting news that Greg and Ritchie are going to have a crack at Bathurst again. It will be a somewhat sentimental return for the four-time champ, who will need to do little more than show that he still knows his way round the place. The same can't be said for Stanaway though, and a decent showing could easily re-ignite his becalmed career, if that is what he really wants. Hopefully it goes well, and in Erebus, they have a good team and good cars.

V8 SUPERDRIVE



SOUTH ISLAND FORMULA FORD



Great to see Liam Lawson get a win at Monza driving a Ferrari. No doubt good for the morale, but we all want to see Liam excel in cars without roofs and fenders for the next ten years, then he can get fond of cars with a cabin.



The end of our SIF1600 race series has, for the last six or so years, seen us run our "Have a Go" day which is working well. For the first few years we had to ask people if they wanted to do it, but now we are usually approached, which is much easier. This year we have had eight to date with another couple this coming Friday. The other cool thing is that the approaches are increasingly being made by people with motorsport experience. The most common is Gokarting, and Gokarters transition very well. Three others have been from tin-tops and one next Friday is from speedway, which for us is a first



Gary Love collected his latest project on Friday. An ex-Canadian VD88, the original scholarship car provider is going to give this one a birthday with the same purpose in mind. These great little cars are just the ticket in class three, with Gary's original '88 winning the title in each of the three years it has had a scholarship driver behind the wheel. That car will be driven under a private arrangement by William McDonald



SOUTH ISLAND FORMULA FORD



Talking about cars coming into the island, believe it or not there are five new Rays signed up, and they will be busy lads at Motorsport Solutions when that lot arrive.



Pictured above is a GR20, but the GR21 is virtually the same except it has a bigger blister on the RH side panel to provide a little extra knuckle clearance.

As well as the new cars, a number of others have changed hands or are re-appearing after a spell. Dyson Freeman will reappear in the completely rebuilt VD92, as will Gary Lovie in his equally well rebuilt Stealth. Bo Hill will campaign the ex Paterson Stealth, Harry Wilson will run the ex-Petch Mygale, whilst Dylan Petch will race the ex Steve Donaldson Ray. Michael McDonald has bought Gary Love's VD 01 for elder son Harry to drive, and Nigel Arkell has bought the VD90 off Mark Elder for himself and son Cooper to drive. Simon Hunter has bought the Steve Edwards Mygale, and we should see the TrackTec cars out as well. Andy Neale has assured me that his two cars are going to put in an appearance, Steve Foster has ideas for his '88 and of course the committee has three and maybe four scholarship cars that we have good interest in. The new SIFF series is also attracting a handful of cars which is really pleasing. All Good!

Many of you will have fond memories of Ben and Trevor Stiles, and when Covid is under control and travel is possible, they will be back! In the meantime they are involved in the UK racing scene and very successfully to boot. Hopefully the link works and you can read their latest news.

https://m.facebook.com/story.php?story_fbid=281280930120663&id=100047162750773&sfnsn=mo

As has been the case for some years now, we will be looking for applicants for our scholarship car programme and at the moment the focus is on the Jeremy Shaw Stealth driven by James Penrose. This car will be returned as a roller. Clearly it has all the credentials, and because of that the committee has decided,



- To make it available as a rolling chassis with the successful applicant owning / supplying a motor
- The successful applicant must have had one season's experience in a F1600.
- The successful applicant must agree to the usual terms in the South Island Formula Ford Club scholarship car Memorandum of Agreement.

Interested? Applications can be made to the scholarship car Co-ordinator

Dene Christensen dene.christensen@airnz.co.nz CLOSING DATE 30/6/21

V8 SUPERDRIVE



This will be a regular column and if you have anything to add please contact me.

TECH CHECK

CAST HEADS : The maximum size for the exhaust ports for these heads is 29.5mm. Over time these ports can erode to in excess of 29.5mm. If you have an old cast head, check the exhaust port size.

VD REAR HUB BOLTS : Probably not the right title, but the big cap screws that hold the rear hubs on the 90-92 VDs can break. These need to be replaced regularly.

VD 92 : The pins at the inboard end of the front pushrods on the 92s need to be crack tested regularly.



FIRE EXTINGUISHER GAUGES AND TAGS :

It will be a requirement that these must be able to be read unobstructed by covers etc.

RAIN LIGHTS : These must be mounted as close to the car's centre line as possible, and facing rearwards. There is no height requirement but some could certainly be mounted higher and unobstructed by rear anti-roll bar levers.

BRAKE CALIPERS AND PISTONS : Have you checked yours with a magnet ? They must be a ferrous material.

ROLLOVER BAR HEIGHT :

The diagram says it all. The exceptions are class 3 cars that don't have a front roll hoop. They are measured to a forward substantial structure. The clearance is the same. If you are measured and found to be under 50mm, you will not race until the problem is fixed.

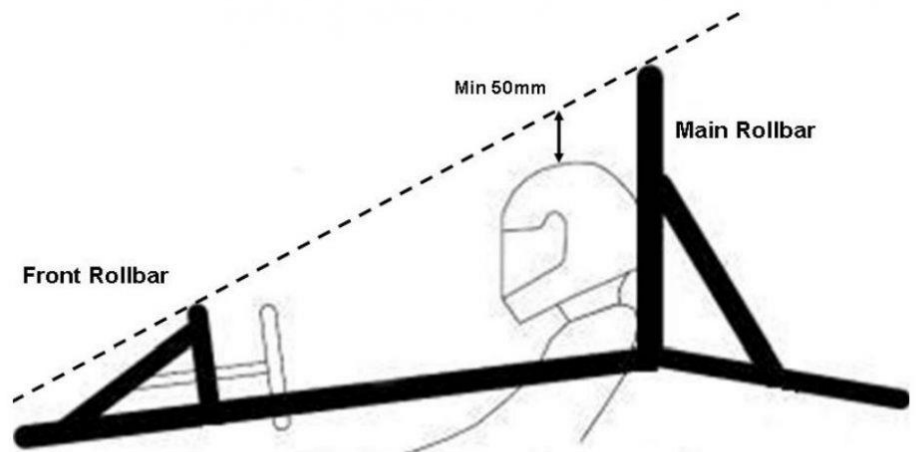
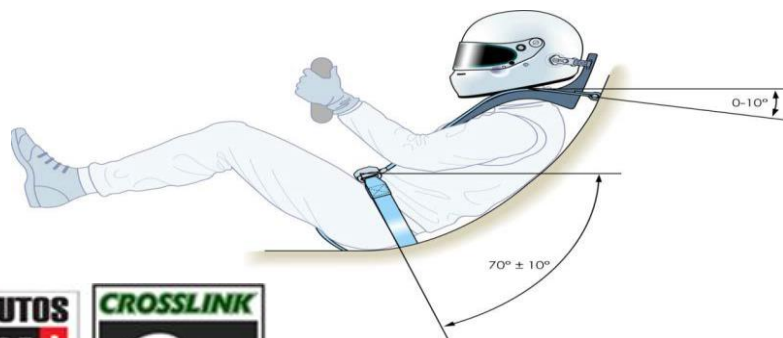


Diagram 5.1 - Open Vehicle Main Rollbar Height

SHOCK ABSORBERS : It will be a requirement for the '21-'22 season and beyond, for all dampers to have two only external adjusters. Three-ways may be modified so they comply. For further advice contact Peter McCallum for Penskes 0274 410 204 or Robert Taylor for Ohlins 021 825 514

SEAT BELTS : Are yours OK for age and height. We have, under Schedule Z, a +5yr extension to the expiry date. Safety harness shoulder straps should be installed at 0 degrees to the horizontal with angles between 0 and 10 degrees being acceptable.





DIFF CARRIER : Crack test, especially if it has had the die grinder at it. Shimmed up spider gears need a second thought as well.

REVOLUTION WHEELS : These can crack where the spokes join the rim.



CHAIRMAN'S CORNER

Hi Racers

Well June has almost disappeared, as the race season nears things are starting to take shape nicely, you may have heard NIFF and SIFF have been working with MSNZ and have secured the running of the National Formula Ford Championship for the next three years, exciting stuff ! Classes One Two and Three will be contested with an overall NZ Champion to be crowned in 2022. The current six round 18 race regional Championships in North and South will double up as qualifying rounds for two National Super rounds. Qualifying criteria for entry to the Super rounds will be tight and a competitors results throughout the the regional rounds will secure a grid spot at the Nationals.

The 2022 National Championship will consist of one Super Round to be held in each island and will be held at Speedworks Events. The South has lined up Highlands in mid January, North is looking likely for Taupo in March to wrap up the season and crown our Champions.

The National Super Rounds will consist of four slightly longer races to test our drivers and teams at each round to add another dimension to the 2022 season.

The Regional groups have been working hard to find sponsorship for these events and things are shaping up nicely in that department so keep a eye on the next newsletter.

To add to the changes in our category the regional groups have worked with MSNZ to implement changes to the Schedule F Remit system. The changes should ensure Schedule F and the Articles for the championships are published July 1st each year, with the exception this year being August 1st. This should assist our competitors in planning for the upcoming season ; a real positive move for the category. The South's Schedule SIF will merge the National Schedule F, this will ensure the alignment of technical rules for all the Formula Ford/1600 groups in New Zealand that cover the Championships, and consequently will allow cars to move around the country freely competing in the various championships.

This means some changes for all in some areas and a couple of changes that will impact only some competitors. With the change of tyre the Yokohama AO48 will replace the Avon ACB10 in all categories, Class three retain the option of using the Avon ACB9 or Dunlop CR82. Yokohama tyres will be available at the end of July the boat is on the water now with 200 sets on board. We will notify competitors on how to purchase them in the near future and remember free freight to any commercial address in a main town.

Other changes of note is the car's minimum weight will increase to 510kgs for all cars at the National meetings, at Regional level Classes One and Two will be 510kgs Class three will be 500kgs, and at historic/ classic meetings class three remain at 495kgs.

To align the damper rule 19.2.3 throughout the country the current Schedule F rule will apply, it reads :

"Class One and Class Two cars; damper units with a maximum of two (2) external adjusters are permitted, one compression adjuster and one rebound adjuster. These adjusters are exclusive of the spring platforms and gas pressure".

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This means that any car with three way adjusters will need to be brought into line with this rule. Most Penske dampers can have the canister block changed to a two way block; you don't have to change the whole unit. Ohlins dampers I'm told can also have the third adjuster removed completely to comply with the rule change. So please check from the damper dealers if yours can be modified before committing to replacement. Penske dealer Peter McCullum 0274 410 204, Ohlins dealer Robert Taylor 021 825 514.

A change in communication is coming. Race radios will become mandatory for 2022 season these will be a driver receiver only in which Race Control can communicate before and during races to keep drivers up to speed on race start, track conditions, including flags out, oil on track etc. This is a nation - wide roll out for the category, The groups have negotiated a deal with the supplier for a bulk deal price that we can pass onto the competitors. Receiver units with moulded ear piece will be around the \$150.00 mark around a \$50.00 saving.

Will keep you all informed as more things get signed off in the upcoming weeks, rest assured the category is in a good place.

Well that's it from me, back to the shed

Andy.

And also from me. As always....

Stay Lucky,

Derek.

Info

RACE NUMBERS : Numbers are issued to drivers, not cars. The exceptions are the SIFF scholarship cars, and the NIFF HAG car, simply because of the "rental" nature of the respective arrangements. Double -ups are avoided. If you need a number, the Numbers Register is managed by Karen Gillard sandk.gillard@gmail.com and Derek Wilson adw0398@yahoo.co.nz

SIM RACING : Keen to have a go ?? Contact siffsimracing@gmail.com for advice and information, or go to Facebook <https://www.facebook.com/Sif1600SimRacing>.

APPAREL : We are taking orders for a second run for "Jagger" dress shirts contact Simon Spencer-Bower simon@wanakahelicopters.co.nz or Derek: adw0398@yahoo.co.nz

CALENDAR : Subject to final confirmation.

SIF1600		SIFF	
Ruapuna Wigram	30 & 31/10/21		
Levels	5/11/21	Levels	5/11/21
Teretonga	4 & 5/12/21	Levels Classic	12 & 13/2/22
TBC Speedworks	14,15,16/1/22		
TBC Speedworks	21,22,23/1/22		
Levels	5/3/22		
Teretonga	19 & 20/3/22	Teretonga	19 & 20/3/22

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TRANSPONDERS : We have a transponder for race weekend lease or possibly sale. Contact Andy 021 305 550, jap4x4parts@gmail.com or Derek 0275 001 735, adw0398@yahoo.co.nz

HELPERS : We have members who could do with a hand on race weekends. If you enjoy motor racing and fancy being involved with the cars and drivers, let me or Andy know.

Derek :- adw0398@yahoo.co.nz or Andy:- jap4x4parts@gmail.com

MEMBERSHIP : These are due from the 1/7/21.

A full membership (\$210) entitles the member to compete in the entire SIF1600 series.

A social membership (\$55) entitles a member to compete in one race meeting only.

The membership forms are available from Janine Yardley (SIF Treasurer) jevyardley65@gmail.com

CLASSIFIEDS

VAN DIEMEN STEALTH

New belts, new nose cone, 2 spare radiators, 3 sets rims
Ratios for all tracks except Hampton Downs
Unused spare suspension arms, comprehensive spares
Rebuilt Ohlins 2-way (front), \$1721, invoice provided
Ohlins on the rear. Car is race ready
Contact Kerry Ross 021 605 360



SWIFT SC96K

Very well prepared Class 2 car
One meeting on fully rebuilt motor
Spare wheels, ratios, and some suspension parts
Aims dash, data logger, hard wired transponder
\$28,000
Contact Dave Saunders 0274 439 746
email saunders.home@xtra.co.nz



VAN DIEMEN RF05

Fresh Cooke engine
Bilstein dampers, Lots of spare suspension,
selection of gears, new red top battery, new belts,
Aims dash, set of spare wheels
Very nice car, ready to race.

\$45,000

Contact : Wayne 0274 324 771

email : colvillesigns@gmail.com



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SOUTH ISLAND FORMULA FORD

VAN DIEMEN RF83

Spares include nosecone, brake and engine parts, suspension, quick lift jack, spare set of wheels
Tidy and reliable

\$23,000

Contact : Nigel Barclay 021 490 907

email nigel@pennyhomes.co.nz



VAN DIEMEN RF91

A front to back eighteen month restoration

Beautifully finished. A must see.

\$36,000

Contact John Sloane 0274 519 994



RAY GR21 Motorsport Solutions has secured an arrangement to import new GR21 Rays in kitset form, and is seeking expressions of interest. The kits are imported minus the motor, and are VERY attractively priced. Spares availability has also been arranged, again at attractive prices. Lead-in times of 16 weeks can be expected; order asap for on time delivery.

Contact : John Crawford at Motorsport Solutions Ph 03 349 3600



TrackTec Racing accelerate to the podium program has a Ray GR20 available for racing and testing , testing on the new tyre will start as soon as we get the Yokohama tyres into New Zealand ,exciting times for all as the playing field will levelled out with the introduction of these tyres

For further info contact

matt.tracktecracing@gmail.com



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VAN DIEMEN '91, '92 SIDE WINDOWS.
Hardened Acrylic and supplied with plastic pop rivets to prevent cracking. Some finishing will be required to suit individual cars. Good luck finding these anywhere else. One order already from the UK.
\$130 / pair incl GST plus postage
Contact: John Sloane 0274 519 994
Email : sloanedogon@xtra.co.nz

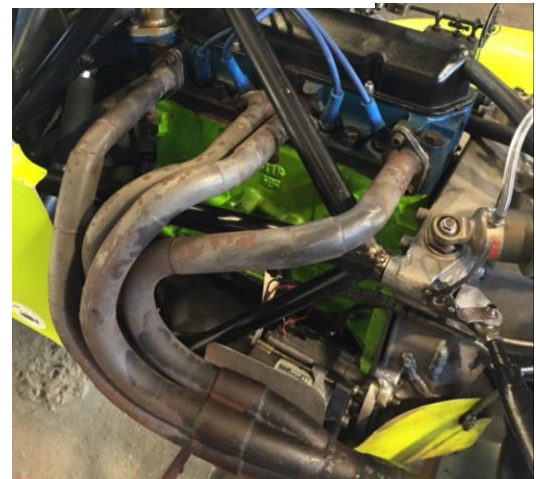


LOW PIPE 4 into 1 exhaust system to suit '90 – 92 VD

Available ex Christchurch

\$200

Contact Shane 0274 739 406
Email ceo@cichane.co.nz



100mm x 100mm 12 volt 36 LED Rain Light. Exactly the same as fitted to Andy Downs' car. Very good lights that easily exceed MSNZ requirements, and look at the price.....\$61.00 incl

Phone Hornby Auto Electrical : 03 344 0170 or Malcolm : 0274 315 170



Chicane Racewear are now the NZ distributor for the high quality Radial rod ends and spherical bearings. Previously distributed by BRM Trading, the USA made rod ends start with the chrome moly high strength precision series then move to the stainless steel high strength aerospace series, both with heavy duty shank options.

Contact us now on 0800 CHICANE or go to www.racerodends.com for more info



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I am always available to help by phone /text or email

30 years' experience in performance engine building

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Ian Mckeown

021 641 681 ijmck@orcon.net.nz

HEWLAND MK9 Gear ratios : I am looking for the following gear ratios to purchase or swap. I have some double ups

15-36 (First, either hubbed or non-hubbed)
17-33
19-31
19-33
21-29

CONTACT Grant Campbell 021 637 610 or grant_a@hotmail.com

CAR STARTING TO JUMP OUT OF GEAR? Rebuilding those worn dog rings and gears is a very economical option to buying new. Further enquiries to Justin Neill Engineering

Ph 03 323 9900 Mob 027 228 0050

Email justinneill@xtra.co.nz

10 Langston Lane, Papanui, Christchurch



SOUTH ISLAND FORMULA FORD



SEAT MOLD to suit Van Diemen RF90-92. Anyone wanting to make their own seat is welcome to borrow this mold. ALSO if anyone has any internals for a Mk5 Hewland, John Sloane would be very interested. Contact him on 0274 519 994



NON-RETURN VALVES. These are a mandatory safety item to be fitted to the breather from the fuel tank.

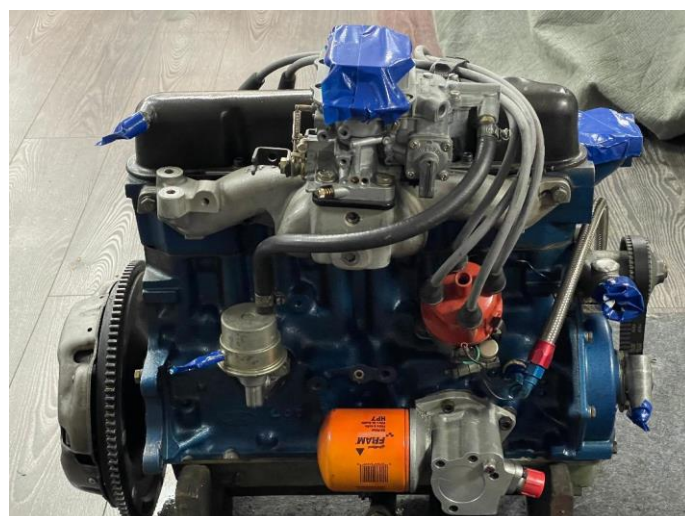
Proceeds go to the SIFF club. \$20.00 ea
Contact Andy Robertson : 021 305 550



QUICKSILVER FORMULA FORD ENGINE
Purchased new and used in both National and Historic racing.
South African AX cylinder block ; sleeved and standard bore. Will require a rings and bearings rebuild.
1250 miles since the last one

\$9,000

Contact Grant Campbell : 021 637 610
email : grant_a@hotmail.com



WHEEL SPACERS

Another Keith Laney Estate item
Unknown origin but look to be factory made, and for centre locks

Pegs are approx.. 90mm PCD for all four spacers.

The centre hole for two is 19mm dia
and for the second two = 30mm dia.

\$50

Contact Derek 0275 001 735
email adw0398@yahoo.co.nz



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AVAILABLE from MOTORSPORT SOLUTIONS



Ivey Valves Formula Ford -
Intake \$29 + GST
Exhaust \$39 + GST

Rebel rims in stock
\$425 + GST



Van Diemen '90-'92 engine/bellhousing
spacer plates \$90 + GST



Van Diemen "90-'92 front upright
Interchangeable \$750 + GST ea

To keep up to date on our latest products, visit – www.motorsportsolutions.co.nz

Email: motorsportsolutions@xtra.co.nz

Phone: 03 349 3600

BORLAND RACING DEVELOPMENTS

Hewland LD200 Steel Diff Carriers

AU \$1650

This is not an official Borland ad, but is simply to let members know that these carriers are a good option



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- Small carbon-look mirrors, **\$89.10**, as per <https://www.classiccaraccessories.co.nz/collections/mirrors/products/carbon-look-racing-mirrors> – Small black mirrors, **\$76.50** as

per <https://www.classiccaraccessories.co.nz/collections/mirrors/products/black-lightweight-racing-mirrors>

- Small carbon mirrors, **\$202.50** as per <https://www.classiccaraccessories.co.nz/collections/mirrors/products/carbon-fibre-racing-mirrors> Discount prices for SIFF members

For the discounted price please use the following link
: www.classiccaraccessories.co.nz/formulaford



.A piece of advice from Malcolm Yardley. On these distributors the cover over the module can short out. Insulation should be fitted in the side cover. The terminals should also be insulated and possibly bent over.

phone Malcolm 0274 315 170

For further advice



DUNLOP CR82 TYRES, available direct from Dunlop Motorsport

Made in Europe \$990 incl.GST

FREIGHT FREE to any town for a set of four

CONTACT Richard Fraser Dunlop Motorsport Manager

Goodyear and Dunlop tyres

04 528 8015 mob. 0272 795 101

Email richardfraser@goodyear.com



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STEALTH NOSECONE .

The pointy version as developed by the Leitches and used by James Penrose to win the

SIF1600 and National Championships . The margin on sales goes to the SIFF club. \$170.00 each

Contact Andy Robertson : 021 305 550



Latest arriving, 2021 Formula Harness with either pull up or pull down side straps, quick release adjuster only available in Black \$345 plus gst



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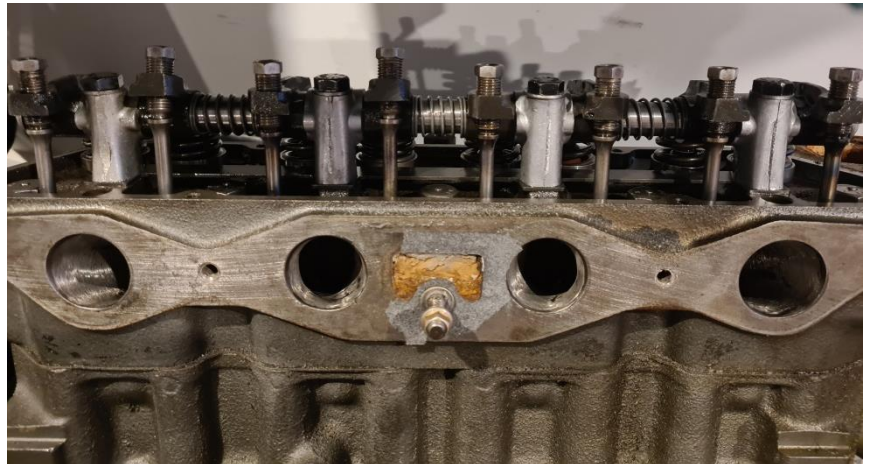
HEAD

Cast Steel Formula Ford head
Complete with valves , rockers etc
as shown.
Being replaced with an alloy head.

\$2700

Contact Gary Love

0274 077 879



BAG TANK

Another Keith Laney item

18 Litre capacity
300mm base, 220mm high, 400mm wide at top
Has been filled with petrol.....no leaks

\$250

Contact : Derek 0275 001 735
email adw0398@yahoo.co.nz



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VELOCITY HQ RACE CAR TRAILERS

Tilt bed, unladen weight = 980kg, gross = 3000kg
internal length 4.86m, width at wheel arch 2.09m
height 1.83m

Many other options including a 2 car system that works particularly well for F1600s



<https://www.trademe.co.nz/a/motors/trailers/tandem-axle/listing/3027769951?bof=WzVaqbH9>

Link to Two car system option

<https://www.facebook.com/watch/?v=849668015419795>

\$29,999

Contact Adam Julian 021 304 001

decracing@outlook.com

