



CLEMENGER INTERNATIONAL FREIGHT
Automating and Simplifying Freight Management



NEVER FORGOTTEN



ASSOCIATION OF NEW SOUTH WALES INC.

PO Box 7690 Norwest BC Baulkham Hills 2153

March 2012



DANIEL'S AND BERNIE'S INCREDIBLE 2011 – NOW FOR 2012!

- Round 5 FVANSW 2011 State Championship – Wakefield Park Report
- Competition News and Notices
- Formula Vee Come and Try Day, and CAMS Come and Try Day
- AP RACING Announcement – look inside!
- Inside Line News and Gossip
- Cutts Tech Talk

AND MORE!



FORMULA VEE –

OFFICIAL ENTRY LEVEL OPEN WHEEL CIRCUIT RACING CATEGORY



Vintage Vee-Dub Supplies
 Unit 1 / 11B Harp Street Campsie NSW
 (02) 9789 1777



MARCH 2012 - CONTENTS

Presidents Report	3
What's Coming Up?	5
Lyall's Technical Update	6
Competition News and Notices	8
AP Racing STOHR Super Sport	9
FVANSW 2011 Pointscores	10
Lyall Moyes' FVA Up-Date	14
FVANSW Come and Try Day 2011	15
Inside Line – Formula Vee Gossip from around Australia and the World!	16
Wakefield Park Round 5 Race Report	19
Cutts Tech Talk – Rolling Resistance	25

FVAA NSW Sealers

Sydney Metro Area

Frank Kleinig	BH.0245777221
David Cutts	BH.0296272810
Phil Lewis	BH.45 78 4924
Edan Fleming	Mob.0412 477 437
Nathan Sansom	Mob 0405018433

Central Coast

Greg Douglass	Mob.0402 237 507
ACT	
Col Merz	Mob.0412 316 275
Morgan Freemantle	Mob.0412 140 147

NO engine may be sealed by the same sealer twice in a row. A copy of the sealing sheet must be kept with the car log book and produced on demand.

The Sealers are Judges of Fact, and their measurements are final. Sealing fees apply.

CONTACT LIST

President	Dylan Thomas	0431 822 997
Vice President	Gary Ogden	0417473761
Secretary	Garry Hook	0405661877
Treasurer	Leigh Porter	0417 439 390
Technical Director	Lyall Moyes	0415465808
Competition Secretary	Jason Cutts	0412050574
Race Entries	Leigh Porter	0417 439 390
Committee	Dean Cavanagh	0448 412 698
Committee	Bernie Cannon	0408-214080
Committee	David Cutts	0296272810
FVAA Board Member	Lyall Moyes	
CAMS MRP Rep	Colin Contessa	

2012 RACING CALENDAR

CP/SC/CIFFVAS	March 31/April 1	Eastern Creek
CP/SC	April 28-29	Wakefield Park
CP/SC	June 9-10	Eastern Creek
CP	July 21-22	Wakefield Park AASA
CP/SC	August 11-12	Wakefield Park
CIFFVAS	September 1-2	Morgan Park
CP/SC	September 22-23	Eastern Creek
CIFFVAS	October 13-14	Phillip Island
NT	October 27-28	Wakefield Park

CP-Club Pointscore, SC – State Championship, CIFFVAS – Australian Series, NT - National Titles

POINTSCORE SYSTEM

State Championship 1600 – 30, 27, 25, 23, 22, 21, 20, etc to 1, with 1 for all finishers. **DROP YOUR WORST RACE**

State Championship 1200 – 30, 27, 25, 23, 22, 21, 20, etc To 1, with 1 for all finishers **DROP YOUR WORST RACE**

Club Pointscore 1600 and 1200 – As above, for ALL race meetings throughout 2012.

Division Two – As above for Division Two drivers only for ALL races throughout 2012.

FVANSW PRESIDENT'S REPORT



By Dylan Thomas



So here we go again, we start another new year of racing and I'm writing the same old stuff I write at the start of every year.... Who is going to be the force this year??? Daniel Reynolds is returning but will be contesting the Victorian series as well so will they or their car be stretched? Looks like myself and Kinsella won't be running the full state series, so who will step up and take it to Daniel, and who will take out the podium in the championship??? Matty Pearce was close a few times last year. What car will Timmy Brook be running? Darren Williams, Simon Pace and Gary Ogden are all capable of doing the job. Morgo has a new car and should step up in a big way, although the same was said of Garry Hook last year but didn't he have a trying year developing a car he thought was already "there". Good luck this year Garry. It's rumoured we may see the return of Mark Williams and both Cavanagh boys (Dean did do first half of last year). We also may see the charismatic "Pablo" for the full season who will surly entertain. Michael Cluderay is rumoured to have taken on the challenge of building his own designed car after having sold his old car to the French's . So good luck with that Michael. Ray Filetti is also rumoured to be making the LOOONG awaited debut of his newly designed car this year, he has displayed it at a track at one stage last year.

Rumour also has it there will be 7 cars on the grid for the 1200's at the first round, so who is going to take it to Bernie this Year??? Will we see the return of Sue Cannon?

Other things of interest to watch this year is who is going to be the Rookie of the Year? Who will be Best Presented Car? Who's Most Improved? Who will get the Pit Crew Award, and so many other awards? Who will win, Div 1, Div 2, Club point score? When will the Rayzor Finally appear for combat???????

The first round at Eastern Ccreek looks to be on the original circuit but there are some little changes. Most notably at turn 6/7, 6 has been removed altogether and there is just a 90 deg. Left for 7.

There is 2 ways of looking at this, one is to say we have lost some of the character of the track, and the other is to say we now have another position on the track were we could make a passing move. Both would be correct. But most importantly is to go and enjoy what it is. One of the drama's NSW has at the moment is a serious lack of tracks. With Eastern Creek being fully booked for the year and not running any multiclubs, and with numerous rounds at Wakefield Park already, we are short 1 club round for the year. So the FVANSW may have to go left field to try and come up with a new idea for our other club round. We will not be running the hill climb again this year as members have spoken through lack of entries at previous events that this is not the way they would like to go.

We have 2 really exciting rounds this year one will be the AASA State Title to be held at Wakefield Park, and this will be a club point score for us, as well as a good lead in for our major round of the year, the National Titles. We already have a sub- committee together doing some fantastic work. A race schedule is nearing completion and the support categories have already been locked in. FVANSW has hired the whole of Wakefield Park for the event and we are only putting 3 other classes on giving F/Vee the ability to run a full traditional format. The event is already looking like it is going to be a cracker.



CLEMENGER INTERNATIONAL FREIGHT
Automating and Simplifying Freight Management



NEVER FORGOTTEN

Remember that there is an increase to the weight of our cars by 10KG this year. Lyall Moyes, our new State Tech. Director will be at the first round assisting people to make sure we all have our cars up to spec on the little intricacies of all the rules so if you have any questions feel free to grab him and ask for help.

Once again as I say at the start of every year let's hope that all your dreams and expectations for the year ahead are met, and most importantly we all enjoy the year ahead as that is the main reason we do all this.

Dylan

2012 FORMULA VEE ASSOCIATION OF NSW COMMITTEE

A new committee for 2012 was elected at the fun-filled and excitement-packed AGM last November.

President	Dylan Thomas
Vice President	Gary Ogden
Secretary	Garry Hook
Treasurer	Leigh Porter
Technical Director	Lyall Moyes
Competition Secretary	Jason Cutts
Race Entries	Leigh Porter
Committee	Dean Cavanagh
Committee	Bernie Cannon
Committee	David Cutts
FVAA Board Member	Lyall Moyes
CAMS MRP Rep	Colin Contessa

The new committee has every intention of getting Formula Vee in NSW back on track, and they have a mountain of work to undertake, particularly with the National Titles taking place at Wakefield Park in November, so help them out in every way you can throughout 2012.



CLEMENGER INTERNATIONAL FREIGHT
Automating and Simplifying Freight Management

The Clemenger International Freight Formula Vee Australian Series is GO for 2012!

Round 1 – Eastern Creek March 31/April 1

Round 2 – September Morgan Park September 1/2

Round 3 - Phillip Island October 13/14

CHECK OUT THE REGULATIONS ON THE FVAA WEB SITE

ENTRIES CLOSE FOR EASTERN CREEK ON MARCH 17

FORMULA VEE RACING ON



RACING TYRES – FROM



WHAT'S COMING UP FOR 2012?

January 28	CAMS Come and Try Day
February 22	Eastern Creek "Garage" Cafe FVANSW General Meeting
March 31-April 1	Eastern Creek R1 FVANSW State Championship
March 31-April 1	EC R1 Clemenger International Freight Australian Formula Vee Series
April 28-29	Wakefield Park R2 FVANSW State Championship
June 9-10	Eastern Creek R3 FVANSW State Championship
July 21/22	Wakefield Park R4 FVANSW Club Pointscore
August 11-12	Wakefield Park R4 FVANSW State Championship
September 1/2	MP R2 Clemenger International Freight Australian Formula Vee Series
September 22-23	Eastern Creek R5 FVANSW State Championship
October 13-14	PI R3 Clemenger International Freight Australian Formula Vee Series
October 27-28	Wakefield Park FVAA National Titles
November 28	Ryde Club FVANSW Annual General Meeting
December 1	Ryde Club 2012 FVANSW Awards Presentation Night

THIS WILL BE UPDATED THROUGHOUT THE YEAR AS EVENTS ARE CONFIRMED



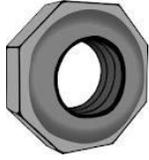
Only 5 mins from Eastern Creek
Unit 3/13 Parry Pl, Amdell Park NSW 2148

(02) 9676 8655

www.garysmotorsporttyres.com.au



Gary's Motorsport Tyres offers more than just tyres! Gary's supplies a wide range of motor racing equipment, including all race apparel, specialising in Sparco,



LYALL MOYES' SCRUTINEERING DIRECTOR'S UP-DATE



Hi and Happy New Year to everyone.

I would like to preface this report with a short story from my childhood. My father was a great Dad, and he only ever gave me two pieces of advice;

- 1) NEVER join the Army, no matter how good they will tell you that it is,
- 2) NEVER volunteer for anything.

I listened to the first, and I wish I had listened to the second!!!

Since the AGM in November, I have attended the December and February FVANSW Committee meetings, organised and attended a meeting of all the Engine/Gearbox sealers in NSW, been involved in both the January and February Board of Management (BoM) telephone hook up's, swapped many phone calls and Emails with Greg Hepburn to come up to date with the BoM minutes and business, swapped many Emails and phone calls with Keith Sharman (Director, BoM), same with Michael Lloyd (National Technical Director) to sort through the new rules and get some sort of ruling on Ballast, organised "The Garage" at Eastern Creek for the FVANSW General Meeting in February, visited the Synergy Racing Cars factory with Greg to inspect possible materials for our future Rear Impact Protection device, spent the most boring day imaginable at the CAMS "come and try" day at Eastern Creek, and managed to squeeze in birthdays for myself, my wife, daughter, son-in-law, sons mother-in-law and Jesus.

I repeat, I wish I had listened to the Second!!!

Sometime soon, Leigh will circulate one of his excellent news flyers regarding the General Meeting that FVANSW are having at "The Garage" at Eastern Creek, in February. If you have not seen it yet, it is located above the garages at the Dummy Grid end of Pit lane, and from all reports from those that have seen it, me included, it is great. As it will take me all day to type 3 or 4 pages of this report, I feel I can better communicate the finer details in a face to face meeting, so I urge you all to attend this meeting, as there is a lot to talk about, technically, and you also get the chance to ask questions.

I do, however, ask that you read the latest F. Vee rule amendments in the CAMS Manual. These rules are reprinted quarterly, so what was the rule last quarter, may not be the rule this quarter, so please make sure that you are up to date with the current edition. There are a number of additions to the rules this year, and the one that will have the greatest impact, I believe, is the increase in weights, so all you light drivers should familiarise yourselves with the new weights and make sure your car and driver combination complies. If you need to add ballast, read the rules covering Ballast in the Manual, which can be found by going to the CAMS website, click on "Manual Of Motor Sport", then "General Requirements of Cars and Drivers" then "Definitions-Technical". Be very mindful of the method of attachment and the positioning of attachment of ballast. There is the possibility of a change to these rules for F Vee in the near future, and that will be explained at the General Meeting at Eastern Creek In February, but for the time being the rules as they are written is what we have to operate under.

Other items that I will be checking at Eastern Creek include what I like to call “the 50mm rule”. Rather than go into an explanation of what that rule is, I ask that you get onto the National Vee website, look in “Competition” then “Rules and Technical” and open the Formula Vee Technical Manual. The 50mm rule is on page 24, item 10.3.2 (e) and (i).

Another item to be checked is the R.O.P.S., or “Roll Over Protective Structure”. All the information that you need is again in the Technical Manual;

Page 23	10.3	10.3.1
Page 24	10.3.2	10.3.3
Page 25	10.3.4	10.3.5
Page 26	10.3.6	10.3.7 10.3.8

Through the year I will be looking at a number of things, for instance, numbers. There are two options available for sizing and placement of numbers, but you have to use one or the other, not a combination of the best parts of either.

I also have noticed that some cars are running solid spacers in place of the rubber “washers” in both the top and bottom tubes of the front suspension beam. You are only allowed to replace the rubber “washers” with solid units in one tube, either top or bottom, but not both. The choice is yours, it depends which tube you have your sway bar in.

I apologise if some of this update seems a bit “over the top”, but the policing of Formula Vee is NSW has been lax in recent years, and my aim is simple. We are hosting the Nationals this year and I do not want any troubles, compliance wise, with any NSW cars.

You must remember that as owners/entrants it is your responsibility to ensure that your car complies with the rules and regulations as set out in the CAMS Manual and the Formula Vee Technical manual, before the vehicle is entered in competition.

My role is to assist you in understanding the rules and pointing out IF, WHERE or WHY your car does not comply. I have no authority to apply any penalty whatsoever for failure to comply, save for pointing out the non compliance to a CAMS Scrutineer and he will take the appropriate action.

I am here to help, I would rather see you have a great day racing rather than a shit day arguing with a scrutineer, so if you have any Technical questions, call me on 0415465808 and if I don't know the answer, I will do my best to find someone that does.

Lyllal Moyes




NEXT RACE

ROUND 1 2012 CAMS NSW FORMULA VEE MOTOR RACING CHAMPIONSHIP

EASTERN CREEK MARCH 31/April 1

ENTRIES CLOSE MARCH 17



FORMULA VEE COMPETITION NEWS AND NOTICES



Entries have opened for the first round of our 2012 State Championship at Eastern Creek on the 31/April 1. Closing date is the 17th of March. Visit the Eastern Creek web site at <http://www.eastern-creek-raceway.com/> to download the entry forms.



As our new Scrutineering Director, Lyall Moyes, threatened in his first Technical Report, post-race scrutineering will be much tougher than the lax scrutineering in recent years. So read the rules, and have all your paperwork with you, otherwise you could be suspended from the event. Lyall is not known for having a compromising approach, so be prepared.



Don't forget to read through your State Championship Regulations, both the general regulations for all categories, and Appendix I for the Formula Vee-specific rules. The regulations will be provided to all competitors by the State Championship Director. In particular, please note that 1600 cars now DO NOT need to display yellow bands on the vehicles, but 1200 cars DO need to display pink bands. These will be provided to competitors. Please abide by all rules throughout the year.



Don't forget, there are a range of new rules that have been gazetted in the CAMS Manual, and will apply for the first round at Eastern Creek. These are a 10kg increase in minimum weight, changes to the angle of the valve seat cuts, the use of non-genuine valve rockers is now allowed, tappet adjusting screw diameter has now increased to 9mm, and the rocker arm ratio has now increased to 1.25:1. Please consult with Lyall Moyes if you have any questions, and also read the CAMS Manual at http://www.camsmanual.com.au/pdf/02_race/b.%201st%20Category/RA15_Formula_Vee_2012-1.pdf

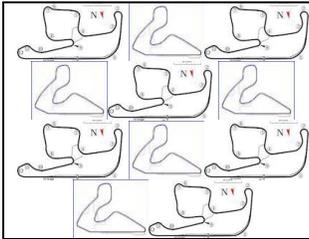


The Clemenger International Freight Australian Formula Vee Series is now locked in for 2012. Round 1 is shared with our own first round of the NSW State Championship at Eastern Creek on March 30/31. This event should be sensational with the cream of Australia's Formula Vee racers sharing the track with the regular NSW Championship competitors. Round 2 is at Morgan Park on September 1/3, and the last round is at Phillip Island on October 13/14. Thanks go to Leigh and Liz Porter for their huge effort in getting this year's series over the line.



After a couple of years break, Jason Cutts will again be publishing his unbelievably excellent competitor's media guide for this year. The guide will be issued to the commentators at each round to assist in providing information on competitors, sponsors, the category, and general information, which will be gleaned from the membership applications. However if you wish to include more specific information in the guide, please email Jason Cutts – jason@jacer.com.au with extra info on 2012 Sponsors, previous racing achievements, social info – e.g. just became a Dad/Mum, or wants to be in F1 by 2013 etc, car details – history / other interesting info for commentators to mumble about.





The last two years of our State Championship has seen three races at Wakefield Park and two races at Eastern Creek. With the terrible misfortune that struck both Eastern Creek rounds last year, we may have forgotten our way around the western suburbs Sydney circuit. This year, the 2012 committee made a huge effort to redress the imbalance, with three championship rounds there in 2012, although four race meetings (two being State Championship) are scheduled at Wakefield Park in 2012.



Finally, please make 2012 a great year on and off the circuit. Help the committee out as much as you can at every opportunity by having a positive attitude and co-operating and helping out if volunteers are needed. Also, please make every effort to keep our racing as fair and as safe as possible on the circuit. Use your brains, and think of the Championship, not just the next corner.

DRIVE A SPORTS RACER!



Supports NSW Formula Vee in 2012

AP Racing, importer and preparer of Stohr Sports Racers, is supporting the NSW Formula Vee Championship in 2012.

Former Formula Vee State and National Series Champion, Adam Proctor, is offering two exciting Test Drives in the latest spec AP Racing Stohr Sports Racers. One test drive will go to the winner of the NSW State Championship. The criteria for the selection of the other driver will be announced at the first round of our State Championship at Eastern Creek Raceway on 31st March 2012.

“Formula Vee has given me so much from the start of my car racing career, right through to today, and now I want to give something back” says Adam.

**FORMULA VEE ASSOCIATION OF NSW
FINAL 2011 POINTSCORES
OPEN STATE CHAMP POINTSCORE**

Driver Name	Sub Total	Worst Race	Total
1) <u>Daniel Reynolds</u>	372	4	368
2) <u>Dylan Thomas</u>	341	14	327
3) <u>Michael Kinsella</u>	330	11	319
4) <u>Tim Hamilton</u>	304	13	291
5) <u>Mathew Pearce</u>	269	0	269
6) <u>Darren Williams</u>	262	0	262
7) <u>Simon Pace</u>	263	10	253
8) <u>Ben Oldfield</u>	221	0	221
9) <u>Michael Cluderay</u>	200	0	200
10) <u>Lachlan Higgins</u>	197	0	197
11) <u>Brendon Woods</u>	189	0	189
11) <u>Morgan Freemantle</u>	189	0	189
13) <u>Timothy Brook</u>	183	0	183
14) <u>Leigh Porter</u>	182	5	177
15) <u>Rodney French</u>	162	0	162
15) <u>Bernie Cannon</u>	162	0	162
17) <u>Michael Gale</u>	153	0	153
18) <u>Gary Ogden</u>	147	0	147
19) <u>Stephen Butcher</u>	145	0	145
20) <u>Leigh Hemmings</u>	134	0	134
21) <u>Garry Hook</u>	130	0	130
22) <u>Clem Fama</u>	119	0	119
23) <u>Dean Cavanagh</u>	73	0	73
24) <u>Stephen Cannon</u>	72	0	72
25) <u>Jayson Williamson</u>	69	0	69
25) <u>Nathan Brumby</u>	69	0	69
27) <u>Matthew Harrison</u>	54	0	54
28) <u>Richard Nairn</u>	40	0	40
29) <u>Anthony Mitchell</u>	38	0	38
30) <u>Craig Conlon</u>	15	0	15
31) <u>Michael Stipo</u>	12	0	12

**FORMULA VEE ASSOCIATION OF NSW
FINAL 2011 POINTSCORES**

1200 STATE CHAMPIONSHIP POINTSCORE

Driver Name	Sub Total	Worst Race	Total
1) <u>Bernie Cannon</u>	392	0	392
2) <u>Michael Gale</u>	383	0	383
3) <u>Stephen Cannon</u>	224	0	224
4) <u>Anthony Mitchell</u>	141	0	141
5) <u>Michael Stipo</u>	45	0	45

FVANSW CLUB POINTSCORE FOR 1200 FORMULA VEE

Driver Name	Total
1) <u>Bernie Cannon</u>	497
2) <u>Michael Gale</u>	470
3) <u>Stephen Cannon</u>	281
4) <u>Anthony Mitchell</u>	141
5) <u>Alan Harrison</u>	84
6) <u>Michael Stipo</u>	45



Dean Perkins has been hanging around Formula Vee for around 25 years, first as Jason Cutts' long haired school mate, and more lately as Velocity News erstwhile resident photographer. Following his persisting efforts, Dean is now a fully accredited CAMS photographer, and he can be seen in his pink vest with his foot-long lens pointing at the Vees as they race around many circuits around Australia. Dean's photos are available to Vee competitors, see at <http://www.raceshots.com.au/>

**FORMULA VEE NSW POLO T-SHIRTS
NOW AVAILABLE \$35 EACH ALL SIZES (SOME MORE THAN OTHERS).
BE QUICK – ALMOST SOLD OUT!**

**FORMULA VEE ASSOCIATION OF NSW
FINAL 2011 POINTSCORES**

FVANSW CLUB POINTSCORE FOR 1600 FORMULA VEE

Driver Name	Total
1) <u>Dylan Thomas</u>	482
2) <u>Daniel Reynolds</u>	378
3) <u>Michael Kinsella</u>	336
4) <u>Mathew Pearce</u>	324
5) <u>Tim Hamilton</u>	310
6) <u>Leigh Porter</u>	305
7) <u>Darren Williams</u>	303
8) <u>Stephen Butcher</u>	275
9) <u>Rodney French</u>	273
10) <u>Simon Pace</u>	269
11) <u>Ben Oldfield</u>	226
12) <u>Morgan Freemantle</u>	214
13) <u>Michael Cluderay</u>	206
14) <u>Lachlan Higgins</u>	204
15) <u>Brendon Woods</u>	193
16) <u>Timothy Brook</u>	189
17) <u>Clem Fama</u>	182
17) <u>Leigh Hemmings</u>	182
19) <u>Gary Ogden</u>	147
19) <u>Garry Hook</u>	147
21) <u>Dean Cavanagh</u>	123
22) <u>Jayson Williamson</u>	117
23) <u>Nathan Brumby</u>	84
24) <u>Adam Coppock</u>	66
25) <u>Matthew Harrison</u>	60
26) <u>Richard Nairn</u>	53
27) <u>Nathan Sansom</u>	31
27) <u>Anthony Cavanagh</u>	31
29) <u>Craig Conlon</u>	21

**FORMULA VEE ASSOCIATION OF NSW
FINAL 2011 POINTSCORES**

FVANSW DIVISION TWO POINTSCORE FOR ALL DIVISION TWO DRIVERS

Driver Name	Total
1) Leigh Porter	455
2) Simon Pace	393
3) Rodney French	376
4) Bernie Cannon	369
5) Michael Gale	358
6) Ben Oldfield	335
7) Lachlan Higgins	310
8) Brendon Woods	290
9) Leigh Hemmings	259
10) Clem Fama	242
11) Stephen Cannon	192
12) Richard Nairn	131
13) Nathan Brumby	113
14) Anthony Mitchell	97
15) Alan Harrison	84
16) Adam Coppock	66
17) Matthew Harrison	63
18) Nathan Sansom	45
19) Craig Conlon	34
20) Michael Stipo	32

**FORMULA VEE NSW POLO T-SHIRTS
NOW AVAILABLE \$35 EACH ALL SIZES.
BE QUICK – ALMOST SOLD OUT!**

**NEXT RACE
ROUND 1 2012 CAMS NSW FORMULA VEE MOTOR RACING
CHAMPIONSHIP
EASTERN CREEK MARCH 31/April 1
ENTRIES CLOSE MARCH 17**

LYALL MOYES'



UP-DATE

At the February Board of Management teleconference, a number of items were discussed and those of most interest include the proposal to reword the Ballast rule, the “action log” of items that the BoM will discuss and finalise in the near future, tyre data from the 2011 Nationals in Western Australia and the appointment of a major sponsor for the Victorian State Championship.

As discussed at our General Meeting in February at Eastern Creek, the rule for the positioning and attaching of ballast in Formula Vee's is as listed in the CAMS Manual. (see the link in the “Technical Update”) This is the current rule and as such, is the rule that the Scrutineers will enforce, should it become necessary to do so. The National Technical Director, Michael Lloyd, has applied to CAMS for a change in the wording of the Ballast rule to make positioning and attaching of Ballast much simpler for Formula Vee, but until the application is ratified by CAMS, the current rule in the Manual is the one to abide by. With the increase in minimum weight for both 1200 and 1600 cars this year, please make yourselves aware of the current rule and act accordingly.

The BoM has an ‘action log’ that covers a number of points, and those points will be worked through in the coming months. The points include, but are not limited to;

A Standardised Eligibility Check List - This is a list of checks that will be sent to all “Eligibility Scrutineers” to use to ensure uniform eligibility checking is done prior to the application for and subsequent issue of a Log book for new cars.

Standard Set of Rules for the Nationals - This is self explanatory, in that a set of rules will be devised to ensure that all Nationals (not to be confused with the Clemenger Series) will be run to the same rules and formats, regardless of which State they are in.

Development and Testing of the Engine of The Future - Michael and Daniel Reinhart have volunteered to build this engine and send it to all States for testing and evaluation. Unfortunately, Daniel and Michael's workload is such that they have not been able to devote any time to the project. This is something that the National Technical Committee is keen to see happen, and every effort will be made to push this project forward asap.

Simplify Sealing Procedures and develop a Training Video for Sealers - Once again, self explanatory, but a lot more discussion is required regarding content and quality before producing a Video for training purposes.

Ratification of the Safety Review by CAMS - The Safety Review was discussed at the recent General Meeting at Eastern Creek, and has been sent to CAMS for ratification and we are awaiting their reply.

At the 2011 Nationals in Western Australia, the W.A. Committee collected Tyre Data from the cars that were competing in the Meeting. That data has been forwarded to Greg Hepburn for assessment and comparison.

The Formula Vee Association of Victoria have secured Nissan as a major sponsor of their State Championship. I have been led to believe that it is a “big money figure” (I don't know how big is big) and a lot of the money will be spent on advertising Formula Vee. I find it very refreshing to find a State Association that sources income from someone other than its Members, and then is prepared to spend it on the Members.

**FVANSW COME AND TRY DAY WAKEFIELD PARK
DECEMBER 11 2011**

After months of work, Gary Ogden and the FVANSW committee held their long-awaited Come and Try Day at Wakefield Park. It turned out to be one of the most fun Formula Vee days in years, with the excitement on the faces of the novice drivers plain to see before and after every session on the circuit. Thanks got to Gary Ogden, the entire committee, and to all the members who loaned their cars for the day, particularly Morgan Freemantle who had not even driven his new Jacer!



Daniel Reynolds nervously watches



Gary Ogden tutors Julian before his first drive



Mick works on a Stinger!



Ben Oldfield not nervous at all!



John Kelcic was out to show Ben how its done in the Checkmate



And Chris was out to break Daniel's lap record

INSIDE LINE –NEWS AND GOSSIP FROM AUSTRALIA AND THE WORLD

	<p>Leigh Porter is not just a pretty face and great racing car driver. He can cut and weld steel as well! Leigh spent every spare moment during the break modifying his trailer by building a removable top section which bolts down on his trusty trailer. The removable section is beautifully built with continuous fibreglass side and top panels. Leigh is now looking for a carbon fibre autoclave.</p>	
	<p>The FVANSW contributed to the CAMS stand at the recent V8 Supercars Homebush 500 event. Arguably the two of the three or four best presented Formula Vees in NSW were on display, with Paul Corcoran's Checkmate and Darren Williams' Jacer displaying Formula Vee's best. Just about every spectator at the event passed by the Formula Vees over the three days, with a fair degree of interest. Thanks to every FVANSW member that assisted on the stand over the three days of the event, and to Darren and Paul for loaning their cars.</p>	
	<p>Robyn Reynolds has been through lots in her life, but as she said, nothing has been worse than having to endure the discomfort of a broken ankle sustained in an accident a few weeks before the Come and Try Day. At least Robyn got to experience some of the speed and excitement of the day when her wheelchair was used in an attempt to break the pit lane speed limit – while she was still sitting in it!</p>	
	<p>One highlight on the CAMS stand at the Homebush V8 Supercar meeting was the appearance of the Australian Touring Car Trophy before it was returned back to the Homebush race secretary to eventually be presented to Jamie Wincup after his Championship win at the Sydney circuit. The impressive trophy had every great Australian motor sport name imaginable inscribed upon it.</p>	
	<p>One of Formula Vee's most respected drivers became a dad for the second time in February when Leigh Mcgarvie's wife, Irene, gave birth to a baby girl. Congratulations to Leigh and Irene. Hopefully we will see the entire family at a race circuit soon.</p>	
	<p>Long time Formula Vee enthusiast, Craig Conlon, made another return to Formula Vee at the final round of the MRC at Wakefield Park. Immediately afterwards, Craig gave his Jacer to Cutts Engineering for a total rebuild, including chassis wheelbase shortening. Expect Craig to race as fast as he flies his vintage WW2 aircraft!</p>	

	<p>As has been advertised in this magazine for over two years now, the CAMS NSW Motor Race Panel has its own web site dedicated to promoting the CAMS NSW Motor Racing Championships. Please check it out at www.NSWRacer.com.au. But don't say you didn't know!</p>	
	<p>Former Formula Vee great, Ian Chivas, took on Bathurst in his Falcon Saloon Car during the 12 Hour support races in late February. Chivo qualified 17th with a 2.45, and finished 17th, 17th, and 19th, in the three hard races. Well done Chivo.</p>	
	<p>FVANSW members, Leigh Hemmings, and David Cutts, raced with our HFVAA friends at the Historic Formula Vee races at the HSRCA Summer race meeting at Wakefield Park in late February. Leigh and David experienced a few problems, but still managed some good places, with David taking out pole position and one race win in his famous Spectre.</p>	
	<p>2008 FVANSW 1600 State Champion, Adam Proctor, raced his amazing Stohr WF1 Super Sport with distinction throughout 2011, and he has now become the Australian distributor for these amazing cars. Adam now has his lap record breaking Stohr up for sale, and is planning to drive a new car for 2012. If you are interested in climbing up to Super Sport, Adam can be contacted on 0417240908.</p>	
	<p>While on the subject of Super Sports, former Formula Vee driver (albeit briefly), Michael Shaw, raced in the 2011 NSW Super Sorts in a Radical, his consistency taking him to a championship win against Adam Proctor. However, there is a rumour that Michael may be changing to a new and faster Super Sport for 2012?</p>	
	<p>Expect two unexpected drivers to be on the grid in blue and red cars at Eastern Creek. They will both be great additions to our grid, both having raced with distinction amongst us previously in red and blue cars.</p>	
	<p>Rodney French has taken the plunge and purchased a Vee for 2012. After leasing the Stinger LSV from Team Stinger for the last year, Rodney has now purchased Michael Cluderay's Jabiru. Rodney was one of the young stars of the last race of the year at the rain-soaked Wakefield Park, so we look forward to seeing Rodney's talents demonstrated in the Jabiru.</p>	

	<p>A mystery driver was spotted driving Simon Pace's Mako at Wakefield Park one quiet weekend recently. Email the Editor and tell us who you think the driver may be. The winning entry will win a free subscription to the FVANSW magazine! (Thanks GH for the top secret spy photo).</p>	
	<p>A number of Formula Vee members assisted at the second CAMS Come and Try Day in January at Eastern Creek. Over 100 prospective motor racing competitors sampled all the various disciplines of motor sport around the circuit, and during the quiet periods, the FVANSW members had a great time discussing the Formula Vee facts of Formula Vee life over cappuchinos in the new Eastern Creek Garage cafe. Well, most of us at least!</p>	
	<p>Twice Formula Vee Nationals winner, our own Ryan Simpson, raced in the Formula Ford support races at the Bathurst 12 Hour in February, and blew them away in a Spirit K08. Ryan qualified on pole with nearly half a second gap, and promptly finished second, first, and first, including one winning margin of nearly 20 seconds! How about making a comeback to Formula Vee Ryan?</p>	
	<p>Meanwhile, former Victorian Vee racer, Jack le Brocq, finished an excellent second place in the National Formula Ford Championship in a year which included race wins and lots of coverage. Jack has now been retained by Minda Motorsport as their lead driver for the 2012 Championship. We're proud of you Jack!</p>	
	<p>Our very own F1-accredited journalist, Mat Coch, is undertaking a heavy international program this year following the F1 circus. Mat is heading to Hungary, Texas, Brazil, Singapore, and who knows where else! Mat will also be at the first NSW State Championship round at Eastern Creek, covering the event for VW Magazine. We are fortunate to have Mat, an esteemed F1 journalist who doesn't pull punches, as a friend.</p>	
	<p>Formula Vee is alive and well, and growing at great speed in some countries you may never have heard of. Uruguay has a thriving Formula Vee scene that originally started in the 1960's (see Formula Vee Uruguay on Facebook), while Formula Vee in Brasil has been restarted as a pure control car category with all identical cars made by one manufacturer, and they race at Interlagos! Check them out on Youtube.</p>	

We can't know everything that's going on in every dark corner of the FVANSW. If you want the Formula Vee world to hear of your great Formula Vee gossip, drop us a line at president@fvansw.asn.au

RACE REPORT

ROUND 5 CAMS NSW FORMULA VEE STATE CHAMPIONSHIP WAKEFIELD PARK NOVEMBER 2011



FORMULA VEE 1600 - DANIEL REYNOLDS CLEAN SWEEPS 2011! FORMULA VEE 1200 – BERNIE MAKES US PROUD!

Formula Vee capped of one of the most arduous and emotional years in our 46 years of history in NSW at Wakefield Park for the last round of our 2011 Championship in late November, with patchy and heavy rain, and sunshine and wind, all making themselves unfriendly but familiar visitors at the NSW Southern Highlands circuit.

By the end of the weekend, Daniel Reynolds and Bernie Cannon had been crowned as our 1600 and 1200 State Champions, but not without the predictably unpredictable dramas that always make every year of Formula Vee racing in NSW one the most competitive and exciting racing competitions anywhere in the world.

In capping off a year of what must certainly be the most perfect display of competition preparation and racing seen in NSW Formula Vee, Daniel Reynolds again clean-swept Round 5 at Wakefield Park, finishing the year with a perfect winning record, a feat never previously achieved. In addition, the Wakefield Park round win gave Daniel his third consecutive series crown, again this being a never-previously achieved feat.

However, Daniel's third Championship crown was not earned without some stiff competition and overcoming hurdles throughout the weekend, when a minor scrutineering infraction after qualifying relegating him to the rear of grid for Race 1 on Saturday afternoon. From the beginning of Race 1, Daniel's commitment was openly apparent, with a storming drive from rear of grid throughout the wet 20 lap race to cross the line ahead of his seventeen other competitors.

Bernie Cannon, meanwhile, raced on the edge of a Championship win throughout 2011, with his main competitor, Michael Gale pushing Bernie through countless wet races, and only a handful of dry races, throughout 2011. The final round at Wakefield Park brought unwanted drama to Bernie's campaign when master cylinder problems relegated Bernie to a DNF in Race 1, allowing Michael Gale to gain enough points to keep a Championship win in his grasp with only the final two races to go the following day, although this would rely on further dramas to strike Bernie



NEVER FORGOTTEN

Fortunately, Bernie's master cylinder kept itself together for both remaining races, with Bernie's two second places behind Michael Gale's two race wins being enough to keep Bernie ahead of Michael by a mere 9 points at the end of the pointscore.

The competition throughout the weekend was the typically demanding and high pressure ass seen at every race meeting in 2011, with combinations of wet and dry thrown unexpectedly at the competitors almost lap by lap. By the end of the weekend, Michael Kinsella's uncompromising on-the-limit but entertaining high risk racing approach backfired when Dylan Thomas squeaked past him in the pointscore during the final race of the year to take out second place in the State Championship, underscoring Dylan's continuing efforts.

Wakefield Park capped off a year full of highlights which, apart from Daniel Reynolds dominance of the 1600 class, saw incredibly close qualifying times seen throughout 2011, improving performances from Rookies Lachlan Higgins and Rodney French culminating in storming drives in the demanding final race of the year at Wakefield Park, the rising of a new star in Ben Oldfield who raced with the Formula Vee greats at the front of the field, the consistency and commitment from many hard working competitors such as Brendan Woods and Morgan Freemantle (to name but a few), and the great spirit clearly evident in our Association following the difficulties we endured. All this simply proved that Formula Vee in NSW is still one of the most competitive and rewarding racing competitions anywhere in the world.

The greatest highlight of the weekend, however, was the debut of Alan Harrison, in his new Stinger. Unfortunately, Alan experienced a major engine problem in Friday practice, and did not complete the on-circuit activities, although Alan stayed on throughout the weekend to support his Team Stinger mates.



Ph: 0417240908 Email: info@apracing.net.au www.apracing.net.au

All areas of race car preparation, including set up work, repairs, engine rebuilding, fabrication, storage, & race importing. AP Racing has over 10 years of experience and success in a range of categories. AP Racing can also make to order quick jacks, car stands, and a range of car lifters.

THE CAMS NSW MOTOR RACING CHAMPIONSHIPS NOW HAS A WEB SITE!

Log into www.nswracer.com.au, and you will now see all the info on all the categories that race in the NSW Motor Racing Championship, some of the big category and track news, links to all the category and circuit web sites, and all the latest NSW Motor Racing Championship results. nswracer.com.au IS THE PLACE where everyone can go to follow all the NSW Motor Racing Championships action. For more information on nswracer.com.au, contact the CAMS NSW Motor Race Panel Chairman, Mike Barry, at mwbarry@optusnet.com.au

FORMULA VEE RACING ON



RACING TYRES – FROM



PICTURES FROM WAKEFIELD PARK



Typical Wakefield Park, rainy one minute, freezing the next! Why do all Formula Vees puff smoke?



Rodney French was one of the starts of the weekend. The pack of Vees slide through the wet Turn 1



Darren overtakes Daniel around the outside? Mick always races on the edge, and sometimes falls over it!

FORMULA VEE RACING ON  RACING TYRES – FROM 



Dylan stole second place from Mick after a perfect weekend



Tim Brook and Simon Pace fighting for Turn 1



Morgan's last drive in his trusty ASTEC



Michael Gale sweeping to second place in the championship.



Ben was the one Race 3 star with a fabulous drive in the wet Mick leads the pack in Race 1





Daniel leads Dylan, and then....can't see anymore!



Mat Pearce had a tough weekend.



Mick's Jacer has never been so dirty!



Rookie Lachlan Higgins also starred in Race 3.



Hopefully we will see Michael again soon.



Garry Hook had another troublesome weekend



SPECIAL THANKS GOES TO TIM AND DENNIS HAMILTON FOR ALL THEIR EFFORTS TO TRAVEL FROM QUEENSLAND TO RACE WITH US IN NSW THROUGHOUT 2011.

2011 COME AND TRY DAY - THANK YOU

The FVANSW Committee would like to acknowledge and express thanks to all those members and Formula Vee supporters who assisted in the running of our recent 'Come & Try' day at Wakefield Park last December. Together with those members who donated their Formula Vee cars for the public to drive, which included all running and transportation expenses, a lot of time and effort was also provided by many in the administration and running of the day. Our club has benefited immensely from everyone's effort by gaining new members, raising additional funds, promoting Formula Vee, and bolstering our 2012 grid capacities.

In no specific order, the committee thanks:

Bruce Perry, Garry Hook, Colin Contessa, Dylan Thomas, Morgan Freemantle, Bernie Cannon, Paul Corcoran, Greg Johnston, Gary Ogden, Bruce Colbey, Laura Campbell, Jacinta Ogden, Michael Gale, and Chris Reynolds.

Historic Formula Vee Association of Australia



Historic Vee Owners, Racers & Enthusiasts

CATCH UP ON ALL THE HISTORIC FORMULA VEE NEWS AT
<http://www.historicveeaustralia.com/index>

NEXT RACE

ROUND 1 2012 CAMS NSW FORMULA VEE MOTOR RACING CHAMPIONSHIP

EASTERN CREEK MARCH 31/April 1

ENTRIES CLOSE MARCH 17

ROLLING RESISTANCE

BY DC

CUTTS TECH TALK

Have you ever put 30lbs in your Vee tyres and noticed how easy it has suddenly become to push?

In short, it's rolling resistance.

The contact patch of the tyre to the ground has shrunk in relation to your normal pressures, giving you less resistance or effort required to move the vehicle. It may be impractical to use 30lb pressure in your tyres in a racing situation as that lack of contact patch to the track becomes a disadvantage, but other parts of the car can give you a similar resultant gain.

The most basic of resistance in our cars come through the brakes. Be it either drums or discs, the result is the same. If when you jack your drum brake car up you can't rotate the wheel and have it spin easily for at least 7 to 10 seconds (front wheel here) there is a resistance that the engine must overcome. Wheel bearing and brake adjustment will be your main area of gain there.

Disc brake cars are slightly different though. Yes, wheel bearing pre loads are something that are important, but brake adjustment is non-existent, so is there anything that can be done to help? Yes, of course!

By nature of the system, the pedal doesn't move that far, meaning that the caliper and master cylinder also don't move that far, and unlike a drum brake set up, discs don't generally have a proper return spring to retract the pads away from the discs. In time they can stick slightly, meaning the release of the pad from the caliper becomes a lot slower.

Something simple that you can do yourself is to remove the wheels and push the pads back slightly and then pump the pedal until the pads are pushed back out again against the discs. Do this a few times on all wheels and you should find the pad 'releasing' a lot faster. If you have the VW calipers and the anti rattle springs have been removed, put them back in. They act as a form of return spring also.

It goes without saying that the gearbox consumes its fair share of h.p. through its resistance. Internal pre loads and viscosity of lubricants play their part.

The same can be said for the engine with piston ring drag or valve train friction, but if you don't have the budget to chase drive train frictional losses, there are gains to be had in the most basic of areas with just a little bit of time and effort.

NEXT ISSUE OF THE FVANSW VEE NEWS OUT IN MAY 2012