



www.pdnracing.org

IN THE PITS

N° 5 October 2001

THE MONTHLY NEWSLETTER OF PENRITH DISTRICT NITRO RACING (PDNR)

CONTENTS

KEEPING TRACK - News	1
PADDOCK PASS - Championship Update	3
THE RACING LINE - Driver Information	3
SMALL TORQUE - Hints, Tips & Links	4
TRADING POST	5
EVENTS CALENDER	6
PDNR SUPPORTERS	8

KEEPING TRACK - News

PRESENTATION BBQ

The Social BBQ and Presentation night was on Tuesday, September 25 with a good turnout munching on the hotdogs and sausages. Award winning drivers received a plaque and "Super Suzie" - our excellent lap scorer - was recognised for her generous contribution with a PDNR shirt and flowers. For full results of the Winter Drivers Championship see the Paddock Pass section of the newsletter.

NEXT DRIVERS CHAMPIONSHIP

The Spring Drivers Championship starts Tuesday October 2 (Round 1) and concludes December 11 (Round 11). The entry fees are structured the same as before with a \$25.00 up front entry fee. This covers all championship rounds, secures your frequency and includes the social presentation BBQ, which is planned for December 18. If you elect not to pay up front, racing is \$3.00 per night with a once off \$5.00 fee to enter the Championship. Entry fees can be paid to Steve, Kevin or Tony.

NEW PDNR WEBSITE

For anyone who has not seen PDNR's new website you can check it out at <http://www.pdnracing.org> The site is updated regularly and has lots of great pictures, news articles (and news archive), sponsor's details as well as lots of other useful information. It is definitely worth a look if you have access to the internet and be sure to join the PDNR Pit Crew to be kept up to date with news and events.

PDNR RACING GUIDELINES

It is essential that all drivers and members read the Racing Guidelines, and sign the register at Race Control. The guidelines will ensure that all members understand their rights and responsibilities when participating in race meetings. Members and helpers who may not be racing are also encouraged to read the Racing Guidelines so that everyone involved understands and abides by the accepted practices as outlined in the guidelines.

FREQUENCY BOARD WORKING WELL

The frequency board system is working very well. We have had no reports of runaways in the last month which is great news for all drivers. The organisers would like to thank all drivers for their cooperation - keep up the good work. If your frequency is not on the board, please see Tony, and accommodations will be made for your frequency. Remember that there are no exceptions to this rule, and you may be held responsible if you turn on your radio without the correct frequency peg attached.

SPLITTY'S BIG RIDE DAY

For those who made the journey out to Splitty and Gillian's place an awesome day awaited them. With a record number of bikes running, there were many tired boys at the end of the day. Special mention goes to David Wowk who rumour has it was only rested for about 30 minutes all day. PDNR would like to thank Splitty for putting on such a great day, and especially Gill, who looked after the boys with a hum-dinger of a lunch.

PDNR GOLF DAY - NEW DATE

A new date has been set for the Inaugural PDNR Golf Day. On Sunday, October 28, Leura Golf Club will host the first PDNR Golf Day. There are a limited number of spaces so confirm your spot with Tony - 0414 935 866 or Lincoln - 0410 570 254 by providing full payment as soon as possible. We are planning a fun sociable day with the tournament being a 4 Person Ambrose event - this essentially means that each group of four play as a team. After all team members have had their go, the best shot is selected and you all play from there. More details will be provided on the day. The Entry Fee is \$30.00 and covers the 18 holes and prizes. Tee off is at 10:45am sharp and there may be a BBQ lunch after the round.

NSW vs QLD CHALLENGE 2001

PDNR drivers have been invited to compete in the 2001 NSW vs QLD CHALLENGE being held by Tamworth Radio Controlled Car Club. There are divisions for both gas and electric Touring cars. Please see Tony for an entry form or more information.

PADDOCK PASS - Championship Update

The final results for the Winter Drivers Championship are as follows.

SINGLE SPEED/NOVICE			TWO SPEED		TWO SPEED PRO			
1	Jason	97	1	Tony	88	1	Joe	64
2	Roy	74	2	Splitty	87	2	Steve M	42
3	Wayne	52	3	Adam N	43	3	Zoltan	35
4	Brett	30	4	Matt D	8	4	David B	32
5	Jarard	12	5	Daniel W	5	5	Kevin	30
6	Adam W	4	6	Kevin	3	6	Adam N	24
7	Peter C	2	7	Lindsay	2	7	Steve Mc	15
						8	Adam W	11

THE RACING LINE - Driver Information

IMPORTANT INFORMATION FOR ALL DRIVERS

BEFORE STARTING YOUR CAR(S) ALL DRIVERS MUST:

- **CONFIRM ATTENDANCE OR CHECK IN AT RACE CONTROL**
- **GET A FREQUENCY PEG AND PUT IT ON YOUR CONTROLLER.**

A few reminders, during a race it is essential that all drivers are within the designated driving area. Failure to comply may result in a penalty. Another important point is that if you are late entering or rejoining a race, you must enter from the race re-entry point located to the immediate left of the drivers area.

PIT AND PADDOCK AREA

Notice is made to all drivers that announcements will only be made to the Pit and Paddock Area. No responsibility will be taken for entrants located in other areas of the car park missing race announcements. If members see drivers not in the paddock area please explain to them the pit and paddock plan and encourage them to join us.

MARSHALLING DUTY

All drivers are required to marshal the race that immediately follows their own. Drivers failing to perform their Marshalling Duties will have points deducted. If a driver is unable to perform their marshal duties, they must ask someone to marshal on their behalf and let an organiser know who this is, otherwise a penalty will be incurred.

Members are also reminded that organisers encourage you to help set up, and pack up equipment at race meetings.

WET WEATHER RACING

A notice to new members, when it is wet, we meet at Judges car park. Access is from Woodriff St or Station St, Penrith. There are no organised races as space is limited but most get their cars out for a bit of a play.

TOP BLOKES

PDNR recently received an email thanking the efforts of three of our members. Following is an extract from the email.

“Kev, Steve & Adam, I just want to say thanks heaps for what you did, I will never forget it” - The Big Fella

YOUR SAY?

If anyone out there has any suggestions, stories, hints, tips or links, please let us know so we can include them in 'In The Pits' and the website. Please give them in writing to Tony, or email them to info@pdnracing.org

TECH Q & A - ENGINE BREAK IN (from *Radio Control Car Action*, September 2001)

| Q | I've heard that I should break in my engine by idling it for five tanks and that I shouldn't actually drive the car. That's what the guys at the track say; is it true?

| A | I've received letters and have seen considerable discussion in chat rooms regarding whether it's good or bad to break in an engine by idling it through a recommended break-in period. I'm not aware that any engine manufacturer recommends this type of break-in, and I definitely do not recommend it either. As a very experienced American 2-stroke racing engine designer one said, "Break them in fast, and they'll be fast. Break them in slow, and they'll be slow."

Inertial forces of an engine's internal moving parts increase exponentially as rpm increase. The inertial force being exerted by the parts of an engine spinning at 30,000rpm are immensely greater than those of the forces being exerted by the same parts idling at 3,000rpm. When a new engine goes to its top-end rpm for the very first time, its internal parts not only act in a certain way in relation to one another for the first time, but they also change size and shape ever so slightly because of the extreme forces. The point is, you want these changes to take place during break-in, not after it, which is what would happen if you idled your way through break-in and then went to high rpm for the first time when running all out.

I've also heard of guys running a new engine very rich at idle for break-in. This could lead to a worn-out piston/sleeve fit right at the beginning. The ABC piston/sleeve-type

engines we run have a very tight piston-to-sleeve fit around top dead centre when cold. This is because of the differing expansion rates of aluminium and brass when they're heated. This tight piston/sleeve fit when the engine is cold is such that the fit is actually optimal when the engine reaches running temperature. If you run the engine very rich at idle, it will never reach running temperature, and the piston/sleeve will remain too tight. If you do this for a long time, the too-cold, too-tight fit will prematurely wear the piston/sleeve fit around top dead centre.

Break in your engine by running your car on a smooth, low-rolling-resistance surface without the body. Have the engine set at a rich but fast setting. Operate the throttle at all speeds, including full throttle. Going back and forth between midrange and full throttle pumps a lot of cooling fuel mixture through the engine and helps keep parts from overheating. If you can, do this on a cool, dry day. That's all there is to it!

TRADING POST

If you have any items you would like to add to the PDNR Trading Post please put them in writing at Race Control or email them to info@pdnracing.org

MERCHANDISE - We have shirts & caps with the club logo for sale. Place order with Kevin if your size is not available. PDNR merchandise is great value with shirts at \$27.50 and hats \$10.00. Jackets are also available through special order only.

PARTS, PARTS, PARTS! - Kevin & Steve have obtained some parts for our cars if you need something just ask if we don't have we may be able to get it or direct you to the supplier.

FORMULA ONE NITRO CAR - \$350.00 Contact Steve Mc for information.

KO PROPO Mars EX-1 FM 29mhz computer radio

- Limited edition - only 2000 made in the world
- 3 channel radio
- 2 sets of crystals
- 2 receivers - original KO micro receiver and a Novak Mercury (brand new)

Worth over \$1000
sell for \$650 no offers.

Contact details: wolf5@ihug.com.au or 0408 425 418

DURATRAX 10PC R/C TOOLKIT IMPORTED FROM THE USA

- Chrome vanadium with hardened tips
- easy to grip rubber handles
- All are metric size

BRAND NEW NEVER USED!

- Flat head 2.5 x 75mm Screwdriver
- Flat head 3.0 x 75mm Screwdriver
- Phillips #0 x 75mm Screwdriver
- Phillips #1 x 75mm Screwdriver
- Ball Hex Driver 1.5 x 75mm
- Ball Hex Driver 2.0 x 75mm
- Ball Hex Driver 2.5 x 75mm
- Nut Driver 4.0 x 75mm
- Nut Driver 6.0 x 75mm
- Nut Driver 7.0 x 75mm
- Roll-Up Fabric Storage Pouch

Sell for \$60

Contact details: wolf5@ihug.com.au or 0408 425 418

EVENTS CALENDER

Here you will find all the important events you can add to your diary.

October 2	Start of Spring Championship (Round 1)
October 28	PDNR Golf Day at Royal Leura Golf Club
December 11	Finish of Spring Championship (Round 11)
December 18	Social Presentation and BBQ night for Spring Championship

ADVERTISE WITH PDNR

PDNR have a number of affordable advertorial packages available for any companies or businesses that would like to promote their operation, while supporting PDNR.

Packages are available in 3 month blocks with both the monthly 'In The Pits' newsletter, and www.pdnracing.org website included.

Specifications

PDNR promotional package: \$25.00

Including:

- 3 Issues of 'In The Pits'
Approximately one business card sized ad.
- 3 months on the PDNR website
Website promotion includes a link to your website if you have one and a promotional webpage containing image(s) and information provided by the sponsor.
Conditions Apply.

Funds go towards covering the costs of publishing the newsletter and hosting the website. If you are interested in a promotional package please see Tony or email pdnr@pdnracing.org

DOES YOUR CAR NEED WORK?

If you are having problems tuning or setting up your gas car, or your car requires maintenance or repairs, PDNR can put you in contact with the right experts who can help you for the right price. Please see Steve or Kevin for more details.



PROPRIETARY LIMITED

ABN: 21 082 986 007

ATF The Maton Family Trust

PO Box 4126, PENRITH PLAZA, PENRITH NSW 2750

Facsimile: (02) 9673 6022 Telephone: (02)96736011 Mobile: 0414 275 867

***** For all your "SECURITY NEEDS" contact *Emu Alarms Pty Limited******

Repairs - Sales - Installation - DOMESTIC - COMMERCIAL – INDUSTRIAL- 24 hour back to base monitored systems - Access Controlled Systems - Intercoms (Video/Audio) - Closed Circuit TV – Wireless Systems - Deterrent Devices - Medical Alert Systems - Security & Alarm Systems (including 24 hour, 7 day EMERGENCY CALLOUT)

10% Discount to PDNR Members – Call Kevin

ADVERTISE HERE

If you would like to advertise your business here, read the previous page for more information .