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Monthly Newsletter of the Pakenham Auto Club

OCTOBER '07

2007 Management Team

Elected Committee Members

President-

John Hill ph 56254049 ah
president@pakenhamautoclub.org.au

Vice President-

Glad Fish ph. 59443821
gladfsh@netspace.net.au

Secretary-

Mick Kelly ph 59412931

Treasurer-

Alan Upton 0419304648
treasurer@pakenhamautoclub.org.au

Speed Director-

Tim Stuchbury ph 59432508 0438432508

Rally Co.ordinator-

Dale Allan ph. 59443256

Membership Secretary-

Alan Bloomfield
ph. 9570 7905 ah. 0417330174
bloric@iimetro.com.au

Motorkhana Co.ordinator-

Meeting Co Ordinator-

John Carney 0412133122
johnc@trafractor.com.au

Committee Member-

Ian Williams ph 0408055293

Appointed Members

Editor- POSITION VACANT

A.O.M.C. Delegate-

Graeme Begehle
ph. 59975555 ah

Catering Manager-

Mary-Ann Jasher ph. 59425089

C.A.M.S. Delegate

John Carney ph.0412133122

Publicity Officer- Glad Fish

Merchandise Manager-

Temporarily filled by Glad Fish

Club Scorer- Alan Upton

Public Officer- John Carney

Web Site: pakenhamautoclub.org.au

Egroup: groups.yahoo.com/group/pacautoclub

Mobil: 0413370159

Oilrag email: oilrag_editor@yahoo.com.au

Club Email: pakenhamautoclub@hotmail.com

CALENDAR

| | | |
|---|---|----------------|
| *30 th September | BBQ Training Day 11.30am onwards 1550 Princes Hwy. | Nar Nar Goon |
| *4 th October | General Meeting 8.00pm | Pakenham Hall |
| *14 th October | Autocross V.C.A.S. round 8 M.M.S.C | Melton |
| 14 th October | Akados Rally V.R.C. round 5 | |
| *21 st October | Hillclimb G.C.C | Morwell |
| *21 st October | Motorkhana V.M.C. round 10 F.F.C.C. | to be advised |
| *27 th October | Yakkerboo Rally V.C.R.S. round 6 P.A.C | Neerim. |
| *1 st November | General Meeting | Pakenham |
| *4 th November | Khanacross | Morwell |
| *6 th November | Motorkhana ????? | Tooradin |
| 9 th – 11 th November | A.R.C Round 6 Rally of Melbourne | Victoria |
| *17 th November Saturday | Autocross V.C.A.S Round 9 N.C.C.A | Kynton |
| *18 th November | Motorkhana PAC Note Date Change | Tooradin |
| *2 nd December | Autocross V.C.A.S. Round 10 ? | Avalon |
| *6 th December | A.G.M. 8.00pm | Pakenham Hall |
| *8 th December | Twilight Hillclimb G.C.C. | Morwell |

Events marked * will count towards club point scores.

President's report

Its that time of year again. The time of year we have to gather 70 or 80 members, friends, family or acquaintances together for a Saturday night out in the bush. An activity otherwise known as running the Edwards Ford Yakkerboo Rally. This event is the major logistical event of our club year and we cannot make it a success without a lot of member support. So if you can help us out on 27th Oct. give me a call on 56254049 A.H. so that I can allot you a share of the action.

Alan Upton has updated the Activity Award pointscore for us this month, so have a look through it to see how you're performing and whether you've been credited with all your activity. If you have any problems get in touch with Alan. If you need to boost your performance a bit The David Nutter Yakkerboo Rally will give you an immediate 5 points if you sign on as an official so give me a call on 56254049 or email

jgmhill@dcsi.net.au

John Hill

56254049 Call me!

BATTERY ZONE

BATTERIES FOR EVERYTHING

F.A.Q's relating to Batteries.

1/ How does a battery work?

A/ A storage battery is an electrochemical device. It stores chemical energy which can be released as electrical energy upon demand. When the battery is connected to an external load such as a starter, the chemical energy is converted into electrical energy and current flows through the circuit.

B/ when two unlike materials such as the positive and negative plates are immersed in sulfuric acid (electrolyte), a battery is created and a voltage is developed. The voltage developed depends upon the types of materials used in the plates and the electrolyte used. The voltage is approximately 2.1 volts per cell in a typical lead acid battery. Electrical energy is produced by the chemical reaction between the different materials and the electrolyte. When the chemical reaction starts, electrical energy flows from the battery as soon as there is a circuit between the positive and negative terminals (when ever loads such as the headlamps are connected to the battery). The electrical current flows as electrons through the outside circuit and as charged ions between the plates, inside the battery.

The voltage of the lead acid storage battery is determined by the materials used in it's construction.

These chemicals are: Lead dioxide (PbO₂) – the material on the positive grid.

Sponge lead (Pb) – the material on the negative grid.

Sulfuric acid (H₂SO₄) – the electrolyte.

2/ Purpose of the battery

A/ The three main functions of the automotive battery are to:

- 1: Supply power to the starter and ignition system so the engine can be cranked and started.
- 2: Supply the extra power necessary when the vehicles electrical load requirements exceed the supply from the charging system.
- 3: Act as a voltage stabilizer in the electrical system. The battery smooths out or reduces high voltages (transient voltages) which occur in the vehicles electrical system. These excessively high voltages would damage other components in the electrical system if it were not for the protection provided by the battery.

3/ Starting and Cycling batteries

A/ The automotive battery must deliver high cranking currents at a satisfactory voltage for a few seconds and a portion of the accessory load (10-25 amperes) for a minute or two at a time in city or heavy traffic. Therefore, the automotive battery is designed with maximum plate area and low internal resistance to provide high cranking performance.

Power taken from this battery is immediately replaced by the alternator or generator. Therefore the battery is subjected to shallow discharge cycles (2-3% of the battery capacity). These batteries operate in the 90-100% state of charge.

Rear View Mirror

1977

There were only two reports in the Oct. 77 edition. (which is probably two more than the 07 edition will have) One on a Motorkhana, the other on a Bowls night. Classifieds contained a brand new 1600 Cortina "L" Block for \$150.00 (I must have sold it because I haven't seen it lying around lately).

1987

By '87 the "Oilrag" was more comprehensive with reports from more than ½ dozen members (now that would be nice!). October seems to be the traditional time for our club to go ten pin bowling as there was one reported on in '87 as well.

1997

Funny how the "Oilrag" goes in cycles. By '97 it had deteriorated back to one contributor, the editor. He did a very innovative job filling the front page with his report and the other three pages with an entry form and Supp. Regs for an Autocross.

