

November 2007

# South Hants Model Car Club

[www.shmcc.org](http://www.shmcc.org)

Racer's Edge- The SHMCC newsletter

Every once in a while there is an invention that truly revolutionises society. Folklore would have us believe that Thomas Krappert invented the modern flushing toilet and that sliced bread is the gold standard against which all things should be judged.

Now a new motor may not revolutionise society as we know it, but it's making big waves in the RC world. Imagine racing for an entire weekend without having to skim your comm or replace brushes half a dozen times, all just to keep the performance you had when it was brand new.

The new kid on the block is a brushless system and promises near zero maintenance, better performance and increased runtime. Ideal I hear you say, sign me up for one. Hold on a tic, it's not without its drawbacks. Firstly you need to buy the new motor. Certainly sir, prices start at around £40 up to £80 for a super fast sintered 3.5 turn full blown modified. OK, you say, I was going to buy a new motor for the coming season anyway, sign me up for one. Still not that straight forward I'm afraid, because of the new design you can't use your new KO VFS programmable lightweight, waterproof, 5000 Amp rated speedo anymore. So you need a new speedo to go with your new motor. That's another £100 investment.

OK i've painted a bit of a gloomy picture for this brushless upstart, but now consider the advantages. No more skimming, ever. No more brushes that only last one run, ever. Longer run times for your practise sessions. No more tinkering with brush compounds, serrations, cuts, holes, spring tensions or comm drops so a more level playing field. You can get rid of your lathe, brush cutter and the 4 spare motors you have to have and keep in peak condition. One motor, no maintenance and no more black art of tuning.

So now I can get my touring car installed with ballistic brushless technology and race at South Hants on Sunday? Of course you can but as a club we need to know your opinions on the motor limits. Just like a normal brushed motor the brushless ones are rated by turn number. 3.5 turns is the absolute zenith of speed and 13.5 is the new stock equivalent class with 10.5 being the super stock equivalent. So my question to all our members is "Would you buy one and what limit would you want?" Why not come along to the AGM and give us your opinion. There's plenty more information on the internet and in the magazines, to help you make an informed decision.

Best thing since sliced bread? Well we'll have to see about that.

So what else is new down South? Well we're well and truly into the new indoor series with very good numbers in all classes most weeks. We've been having some superb races in the mini class regardless of chassis and spec. For example last meeting the top 6 minis were separated by 7 seconds and each car was differently equipped. We had 4wd 4 cell 19T Express mini, standard M03 friction shocks and a silver kit 540 (damn you Jeff!), another M03 with ball diff and UJ driveshafts and a Sport Tuned motor. So it's not about how much you spend it's about driving and we have had some excellent battles throughout the field. In fact the class is so popular now Ian Lloyd consistently makes the B final!

On the same lines we are holding a massive mini challenge race on the 5<sup>th</sup> December. Racing is open to all mini derivatives 2 or 4wd and to all drivers from all clubs. Trophies for top 3 in each final so why not dust off your mini and see how you get on against some new opposition. Even Bryce has polished his small one to join in the fun. All the details along with an entry form are on our new website [WWW.SHMCC.ORG](http://WWW.SHMCC.ORG) under events.

Fancy outdoors mini racing? Some of our members would like to hold a race meeting for these pocket rockets one Sunday. We also have some interest from a club in Leighton Buzzard to come down and race with us. So there you go another excuse for buying a mini and if we go over to brushless motors you can use your old gear in the new mini- everyone's a winner.

We had the trophy presentation for the outdoor Wednesday racing which took place over a very wet summer. So congratulations to all the winners and hopefully we should be finishing the outdoors season soon and giving out some more awards.

With the AGM fast approaching we need some feedback from you the members on how we're doing. Can we improve anything or change anything to make your racing more enjoyable? Or do you want to join us on the committee to help run our club? What are your thoughts on LiPo cells, brushless motors or the colour of the rostrum? This is your chance to have some input to the club and for your ideas to be discussed. We'll also be taking orders for the new T shirts modelled by Mike and Mark Young if you want one just let us know on the night. Now the AGM will be held indoors on a Wednesday night but it doesn't exclude the outdoor racers so please come along and have your say.

Finally a big thank you to those few people who put the track out and help clear it up every Wednesday night. Without your help the club would really struggle so thank you very much, your efforts do not go unnoticed.

NO RACING on the 14<sup>th</sup> November and the 12<sup>th</sup> December otherwise it's on every week

7-10pm

**AGM on the 28<sup>th</sup> November @ 7pm in the hall.**

Mark