

Clubmans

Prototype Front-Engined Sports Racing Cars



launch sponsors



The Clubmans Register announces the Clubmans Student Challenge starting 2009. The Challenge relates to cars designed and constructed by students of educational establishments in the UK and which compete in the BARC Dunlop Clubmans Cup, Britain's only motor racing Championship exclusively for contemporary front-engined prototype sports racing cars.

The highest placed team in the Clubmans championship each year will receive a trophy and a cash prize. The launch sponsors of the Clubmans Student Challenge are Meiji Techno (a leading UK supplier of microscope equipment), Buehler (materials analysis equipment manufacturer), and Dunlop Tyres.

Motor sport and other engineering students enrolled in recognised engineering higher and further education courses at UK educational establishments are invited to design, build and race a Clubmans sports racing car. The highest placed Student Challenge driver in the Clubmans Cup championship in each year will receive a Trophy. A cash prize will be paid to the educational establishment.

Encourage innovation in engineering technicians.
Race in an established series.

- 1) The car must be designed and built in conformity with the current Championship Technical Regulations and which are available on request from the Clubmans Register. It is also necessary to give consideration to and to respect the applicable General Regulations of MSA UK (available at www.msauk.org), the UK governing body of 4-wheel motor sport.
- 2) Support for sourcing parts, supply of parts and materials at normal low prices, and advice on construction methods will be available from the Clubmans Register via their web site and through experts and professionals involved in the regular construction of Clubmans cars.
- 3) It is mandatory for the car to run Dunlop Clubmans specification slick and wet tyres These are available to Student Challenge participants at reduced cost and the Register should be contacted for the relevant information.
- 4) It is mandatory for the engine (currently an MG K Series 1600), the ECU, the wiring loom and the exhaust silencer to be supplied exclusively by the Clubmans Register. The contact for these items and related advice is Paul Freeman on 01527 592122. It would also be advisable for the bell-housing to be obtained in this way as well.
- 5) The gearbox types are prescribed in the Championship Regulations and must be a 4 speed H pattern Ford (either single or three rail) item or a 4 speed Elite Transmissions IL 200 5S sequential gearbox; the latter item is a specifically modified approved item. The latter item, by the use of drop-gears, will eliminate the need for a multitude of differentials [typically 3.77:1 and 3.55:1 BMC or Ford ratios are used in cars using a beam or solid axle and 3.62:1 and 3.77:1 Sierra type enclosed units in cars that have either independent or De Dion rear axles].
- 6) The chassis must be designed and built by the students and will be evidenced as such. The Clubmans Register shall not assert any Intellectual Property Rights over the design. The chassis submitted by the educational establishment must not infringe any third party IPR. Bodywork, running gear and other components can be built by students



or purchased from third party suppliers.

7) Prior to taking part in the Championship, the car must be examined and approved by the appointed race engineers and Technical Officers. It is a requirement that a car when it is submitted for examination must be accompanied by an affidavit of the responsible educational course leader stating that: (a) the car has been designed and built as part of a motor racing or other engineering course by students at that educational establishment and (b) that no part of the chassis/ car submitted to the Challenge infringes any third party IPR and (c) that the car and its nominated driver shall -subject to conformity- compete in the Championship and (d) that the nominated driver of the car is a student at the educational establishment that has built the car regardless of previous race experience.

8) Entry for the Student Challenge and registration for the Clubmans Cup are free of charge. The Clubmans Register will provide gratis Racing Membership to the nominated driver for the year(s) in which the participation in the Championship as part of the Challenge occurs. This Membership is subject to the approval of the Register and is necessary prior to Registration for the Championship. All car and race costs will be borne by the contender(s) so contenders should inform themselves of the ongoing costs such as membership of the BARC (which is obligatory - www.barc.net), race entry fees, travel costs, car maintenance and damage repair

9) The Student Challenge will be run in three classes, A, B and C, as follows, with the overall winner being declared from Class A.

- A. The chassis and bodywork must be built by the students. The driver shall be a student at the institution at 1st April in the year of competition and the Student Challenge points will be those earned by driver and car together.
- B. The bodywork must be built by the students.
- C. The chassis must be built by the students.

10) The Clubmans Students Challenge winner will be decided annually on the basis of the greatest number of Championship points awarded to the driver of a competing Class A Student Challenge car. Class B and Class C winners will also be declared and prize money accorded in a proportion of half the amount of the Class A award, subject to the decisions of the Clubmans Cup Standing Committee from time to time.

The challenge has intellectual, engineering, project planning, completion and driving aspects... the nature of Clubmans is that the financial aspect of the challenge should be small compared to building and racing a carbon monocoque single seater. The Clubmans formula of spaceframe, fibreglass body, data logging as required, slicks and wings gives scope for engineering excellence at a low cost. With 100 mph laps at many circuits and up to 130 mph at Thruxton off 125 horsepower, these cars really do give big bangs for the bucks. Generally, it is considered by the Clubmans Register that a complete car can be completed to track readiness for a sum less than or equivalent to £30,000, of which engine and gearbox amount to approximately £7,000.

The Clubmans Register's interest in organising the Clubmans Student Challenge is to promote the formula, to renew a formula which started in 1965, to attract new cars and drivers to the fray and further increase grid sizes. The Clubmans Register is a non-profit organisation many of whose members race in the Clubmans Cup and Classic Clubmans, so it is not planned that any sponsorship income from this particular activity would go to Clubmans, just to the promoting the challenge and to rewarding the winners.

Please send your completed entry form, comments or questions to:

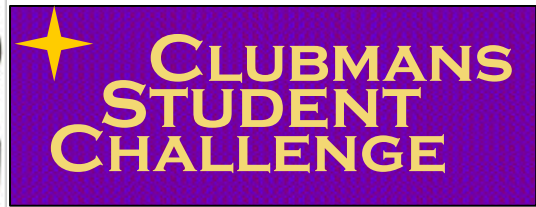
Marcus Bicknell
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Homefarm Orchard, Threehouseholds, Chalfont St Giles, Bucks HP8 4LP

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www.clubmans-register.com

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ENTRY FORM

Student Entrant's name		
Educational institution		
Address for correspondence		
City, County, PostCode		
Telephone, day and home		
Mobile phone number		
Email address		
Names of other students in the team constructing the car		
Car make, model, year		
Class entered (circle one)	A B C	
Driver's name (required for Class A)		
Address for correspondence		
City, County, PostCode		
Telephone, day and home		
Mobile phone number		
Email address		

Declaration of teacher, tutor, lecturer or course director:

"I hereby certify i) that the design and build of the car described above and entered for the Clubmans Student Challenge form part of, or are required for, the course at which the students named above are studying, ii) that the students made the car and iii) in the case of an entry for Class A, that the driver named above is also a student in this course."

Name _____ Position _____
 Email address _____ Phone number _____
 Educational institution _____
 Signature _____ Date _____

Declaration of department head or senior administrative officer of the educational institution:

"I hereby certify i) that the design and build of the car described above and entered for the Clubmans Student Challenge form part of, or are required for, the course at which the students named above are studying, ii) that the students made the car and iii) in the case of an entry for Class A, that the driver named above is also a student in this course."

Name _____ Position _____
 Email address _____ Phone number _____
 Educational institution _____
 Cheques (in the event of a cash prize) should be made payable to:
 Signature _____ Date _____

Please send your completed entry form to:

Marcus Bicknell
 Homefarm Orchard,
 Threehouseholds,
 Chalfont St Giles,
 Bucks HP8 4LP