



The Liverpool Motor Club
BARBON SPEED HILL CLIMB
Saturday 7th July 2018
www.barbonhillclimb.co.uk



INCLUDING QUALIFYING ROUNDS OF
THE AVON TYRES/WYNN DEVELOPMENTS MSA BRITISH HILLCLIMB CHAMPIONSHIP &
THE AVON TYRES/WYNN DEVELOPMENTS MSA HILLCLIMB LEADERS CHAMPIONSHIP

SUPPLEMENTARY REGULATIONS

- 1) The Liverpool Motor Club will organise, and Barbon Hillclimb Ltd will promote, a Hillclimb Meeting at Barbon Manor Estate on 7th July 2018, under MSA National A Permit No 103713 and MSA National B Permit No 103714. The Meeting will be held under the General Regulations of the Motor Sports Association (incorporating the provisions of the International Sporting Code of the FIA) these Supplementary Regulations and any written instruction that the promoting Club may issue for the event.

2) **Eligibility**

The National A event is open to any holder of a current MSA National A or higher grade Speed or Race Licence.

An MSA National A or above competition licence is required by drivers of all vehicles defined in S7.1.5 & S7.1.5.1

The National B event is open to any holder of a current appropriate MSA National B Licence who is a member of Liverpool Motor Club, Kirkby Lonsdale Motor Club, Westmorland Motor Club, any club belonging to the Association of North Western Car Clubs, the Association of Northern Car Clubs, or is a registered competitor in any of the following championships:

- MSA British Hillclimb Championship.
- MSA Hillclimb Leaders Championship.
- Liverpool Motor Club Speed Championship.
- Association of North Western Car Clubs Hillclimb Championship.
- Auto 66, Northern Counties Speed Hill Climb and Sprint Championship.
- Hillclimb & Sprint Association, SBD Speed Championship.
- Longton's Northern Speed Championship.
- MGCC Speed Championship.
- SD34 Motorsport Group Sprint & Hillclimb Championship.

Additional championships may be added after publication of these regulations. Please see our website for details.

References in these SR's relate to regulations in the current MSA Yearbook (The Blue Book) (e.g. S9.2.5).

It is recommended that competitors familiarise themselves with the current MSA Yearbook, especially Section 'S'.

Please note that holders of a National A or International licence must enter the National A classes.

Competitors may only enter one event. All competitors must produce a valid Competition Licence and a Championship Registration Card (if competing in any of the Championships) or a valid Club Membership Card.

3) **The Course**

The course is situated close to Barbon Village on the Barbon Manor Estate near Kirkby Lonsdale, Cumbria. Nearest postcode is LA6 2LJ

The course length is approximately 627m and is made up of left and right hand bends including a hairpin and is of tarmac surface with an average gradient of 1:12.

4) **Provisional Timetable:**

From 07:30: Signing-On followed by Scrutineering (in your paddock position) – including FHR's where mandatory. Any competitor not signed on by 10:30 may be **disqualified from taking part in the event.**

Drivers Briefing: Time will be confirmed in Final Instructions: All drivers must attend the drivers briefing.

Competitors will have the opportunity to walk the course prior to the commencement of practice.

There will be a minimum of two practice runs, and a minimum of two competitive runs, in accordance with the running order provided to competitors at signing-on, track conditions and event programme permitting.

Approx 09:15: Practice commences in accordance with the running order provided to competitors at signing-on.

The Competitive Runs will start after the completion of Practice.

The full timetable will be confirmed in the Final Instructions

5) **Officials**

MSA Steward	To be advised
Club Stewards	John Garnett & Brian Whittaker
National A event: Clerk of the Course:	Phil Gough, Deputy Clerks of Course: Andrew Fell & John Harden
National B event: Clerk of the Course:	Andrew Fell, Deputy Clerks of Course: Phil Gough & John Harden
Course Controller	David Hunt
Secretary of the Meeting	Bob Milloy
Chief Timekeeper	Chris Winstanley
Chief Scrutineer	Roger Whittaker

Tel: 01539 560 773 / 07880 612 298

Environmental Scrutineer
Chief Medical Officer
Child Safeguarding Officer

Ian Johnson
Graham Hundley
Katy Mashiter

Tel: 07736 346 836

Judges of Fact: All listed officials, plus Start Line officials, are **Judges of Fact** in determining whether competitors have failed to come to the start line, crossed the start line, failed to finish a run, or are eligible for the event, a class or an award.

6) **Classes:** The event will consist of the following classes:

Drivers of Road-Going cars must be able to produce proof of current UK Road Tax, Insurance and MOT (where applicable) at Scrutineering. Proof of Road Tax will be via DVLA Confirmation of Vehicle Tax or a recent copy of the DVLA enquiry website (www.vehicleenquiry.service.gov.uk).

6.1) **The National A event classes:**

A1	(1)	Road-Going Series Production Cars up to 2000cc
A2	(2)	Road-Going Series Production Cars over 2000cc
B	(3)	Road-Going Specialist Production Cars
C1	(4)	Modified Series Production Cars up to 1400cc
C2	(5)	Modified Series Production Cars over 1400cc up to 2000cc
C3	(6)	Modified Series Production Saloon Cars over 2000cc
D	(7)	Modified Specialist Production Cars
F	(8)	Sports Libre Cars up to 2000cc and Hill Climb Super Sports Cars
G	(9)	Sports Libre Cars over 2000cc
H	(10)	Racing Cars up to 600cc
I	(11)	Racing Cars over 600cc up to 1100cc
J1	(12)	Formula Ford Racing Cars up to 1600cc manufactured before 1994
J2	(13)	Racing Cars over 1100cc up to 1600cc
K1	(14)	Racing Cars over 1600cc up to 2000cc (normally aspirated engines)
K2	(15)	Racing Cars over 1600cc up to 2000cc (forced induction engines)
L	(16)	Racing Cars over 2000cc
M	(17)	Sports Racing & Racing Cars manufactured up to 1971 inclusive
N	(18)	Sports Racing & Racing Cars manufactured up to 1985 inclusive

All competitors with National A licences driving Caterham, Lotus Seven, Westfield and other kit cars complying with S.11 and S.12 of the MSA Yearbook will enter classes B and D as appropriate. All other cars of this type which do not comply with the above will enter class F or G and comply with the relevant safety regulations.

To be eligible for class M (Sports Racing and Racing Cars up to 1971 inclusive), vehicles of monocoque construction and those with rear wings will be allowed provided they were standard on the car at the appropriate date. Wheel rim width may be increased by no more than 25mm, but period style must be retained. The use of slick tyres is prohibited. The type, size and tread of tyre must remain the same throughout the meeting. Post 1945 cars must run on treaded tyres which may be road tyres complying with the Motor Vehicles (Construction and Use) Regulations, or racing tyres as long as the latter have grooves in the tread pattern which must be lateral and circumferential and any 40mm diameter areas of the tyre must have grooves in at least 2 different directions, which themselves must have a minimum width of 3mm.

With the exception of classes 7A & 7R, drivers holding a National A licence or higher must enter the National A classes.

6.2) **The National B event classes:**

Cars in Classes SA to SC must use 2018 MSA List 1A tyres, all other road-going production classes must use tyres from List 1A or 1B in the 2018 MSA Yearbook, all tyres must comply with (L2.3).

The forced induction equivalence for classes SA, SB & SC is 1.7 (S11.9.1.4).

The forced induction equivalence for all other classes is 1.4 as specified in S10.3.1 and S10.3.2.

Road-going Standard Series Production Cars conforming to S11.9

SA:	Standard Saloon Cars up to 1400cc
SB:	Standard Saloon Cars over 1400cc up to 2000cc
SC:	Standard Sports Cars up to 2000cc

Road-going Series Production Cars conforming to S11.1 to S11.8 inclusive

1A:	Modified Saloon Cars up to 1400cc
1B:	Modified Saloon Cars over 1400cc up to 2000cc
1C:	Modified Saloon Cars over 2000cc
1D:	2 & 4 Seater Sportscars up to 2000cc
1E:	2 & 4 Seater Sportscars over 2000cc
1F:	Road-going Lotus Elise and other non-ferrous chassis construction Cars up to 2200cc

Road-going Specialist Production Cars conforming to S11.1 to S11.8 inclusive

2A:	Road-going Kit, Replica & Spaceframed Cars up to 1700cc (car derived engines)
2B:	Road-going Kit, Replica & Spaceframed Cars over 1700c (car derived engines)
2C:	Road-going Kit, Replica & Spaceframed Cars (motorcycle derived engines)
2D:	All Road-going Specialist Cars that are not eligible for Classes 2A, 2B or 2C

Modified Series Production Cars: (S12)

- 3A: Saloon Cars up to 1400cc
- 3B: Saloon Cars over 1400cc. up to 2000cc
- 3C: Saloon Cars over 2000cc
- 3D: 2 & 4 Seater Sportscars up to 2000cc
- 3E: 2 & 4 Seater Sportscars over 2000cc

Modified Specialist Cars: (S12)

- 3F: Modified Kit, Replica & Spaceframed Cars up to 1700cc (car derived engines)
- 3G: Modified Kit, Replica & Spaceframed Cars over 1700cc (car derived engines)
- 3H: Modified Kit, Replica & Spaceframed Cars (motorcycle derived engines)
- 3K: Modified Specialist Cars ineligible for classes 3, 3G or 3H

Sports Libre & Hillclimb Super Sports Cars: (S13, S14)

(Where a National B licence is permitted by S7.1.5 & S7.1.5.1)

- 4A: Cars up to 2000cc
- 4B: Cars over 2000cc

Racing Cars: (S15)

- 5A: Up to 1100cc or forced induction equivalent
- 5B: Formula Ford 1600 Racing Cars manufactured before 1 January 1994

Classic Cars & Classic Racing Cars:

- 6A: Road-going Cars manufactured before 1988
- 6B: Racing Cars manufactured before 1988

Others:

- 7A: MGCC Speed Championship
- 7R: Rally Cars (as per R18-R20 or R46-R49)

(Additional classes may be added at the discretion of the organisers)

(All classes) Cars shall have a towing point of adequate strength at both front & rear, clearly marked by an arrow and the word "Tow" using a contrasting colour. A suitable point on the roll hoop will generally suffice for open single seater and open sports racing cars.

All vehicles must comply with MSA Technical Regulations and with the specific regulations for each category/class as specified in S10. See the current MSA Yearbook Section B for the definition of a Sports Car. The requirements of the current MSA regulations with regards to safety provisions for Sprint and Hillclimb cars must be adhered to, including the use of suitable Frontal Head Restraints where mandatory.

The minimum in each class is two drivers. Should any class not meet the minimum the organisers reserve the right to amalgamate classes where possible within categories.

A car may be entered in **ONE CLASS** only. 'Dual Driver' Entries will be permitted as specified in D17.1.

A driver may drive up to two cars, each in a different class (S9.2.3).

7) **Competition numbers** must comply with S9.2.5 and be affixed before scrutineering. Numbers will **not** be supplied by the organisers. **It is helpful if a small forward facing number is displayed on all cars**

8) Entries

The entry list opens on publication of these regulations and closes finally on 23rd June. The maximum entry for the meeting including reserves is 90 the minimum is 60. Should the entry not meet the minimum, the Organisers reserve the right to cancel the meeting.

The Official Entry Form must be used for all postal entries, fully completed and sent with the entry fee to:

The Barbon Entries Secretary: -

Graeme Cornthwaite
C/o 12 Lincoln Close,
Morecambe
Lancs
LA4 4RF

Cheques should be made payable to Barbon Hillclimb Ltd

Tel: 07736 346 836 (before 9pm please)

Email for queries: barbonentries@klmc.co.uk

Entries may also be made via Liverpool Motor Club's secure on-line booking facility.

By entering on-line, competitors are deemed to be bound by the event and MSA Regulations (D13.2.3).

Receipt of your entry will be acknowledged within 7 days of receipt. Acceptance of your entry will be issued **after** the closing date, on a first come first served basis, and in accordance with the British Hill Climb Championship General Regulations which give precedence to points scoring registered entrants.

The organisers reserve the right to recover from the competitor concerned any charges incurred if their cheque does not clear upon first presentation

9) **Entry Fees** are: National A event: £109, National B event: £99 except for members of Liverpool Motor Club and/or Kirkby Lonsdale Motor Club who will be charged £106 (Nat A) and £96 (Nat B) respectively. (Each includes the MSA permit and insurance fees of £20.80).

Withdrawn Entries: entry fees may be returned at the discretion of the organisers and may be subject to a £25 deduction towards administration costs. Entries withdrawn less than 48 hours prior to the event may only be eligible for a refund of the MSA fees.

Competitor Passes are not being issued by post for this event. Instructions on the entrance procedure will be included in the Final Instructions. Competitor car parking will be free.

10) **Timing** will be automatic, activated by a light beam. All vehicles must be fitted with a timing strut, complying with the requirements of S10.9.

11) **Timed Runs**

Cars will start singly. The Course Clear signal will be given by a green light. Competitors may then start in their own time. Times will be recorded from the timing strut breaking the light beam at the start line until it breaks a light beam at the finish line, which will be indicated by Chequered Boards. Fastest time to count for awards.

12) **Order of Ascent (Running order)**

A complete list of the order of ascent will be given to competitors at signing on for the event.

All National A event competitors will run ahead of National B event, both in class order as above.

A Competitor who is not ready to start a run when called to do so will be considered to have failed that run.

It is the competitor's responsibility to remove any tyre wrap material before arriving at the pre-start area and to do so promptly without delaying the meeting..

13) **Flag Signals**

Red Flag - Immediately stop and await further instruction from the nearest marshal.

14) **Results and Protests**

A list of times will be displayed at the Secretary's Office in the Paddock.

Provisional Results will be displayed at the Secretary's Office following the final timed run. In the event of a tie, a result will be decided by taking the total times of the best two timed runs, the holder of the lesser time being declared the winner. (D25.1.17)

Protests must be made in writing in accordance with C5 together with the appropriate Protest Fee.

Final results will be issued by email, or in writing if so requested, to every Competitor within 7 days of the event and will also available via the Barbon Hillclimb website.

15) **Awards**

Holders of previous year's awards should contact the organisers before the event to arrange the return of trophies.

Awards will be presented at the end of the meeting if time and weather conditions permit.

15.1) **Premier Awards** (for the two events combined)

- a) Fastest Time of the Day: An Award
- b) Second Fastest Time of the Day: An Award
- c) Third Fastest Time of the Day: An Award
- d) Fastest Time of the Day by a Formula Ford: An award

All competitive runs will count for the fastest time of the day awards.

Times recorded in the British Hillclimb Championship run-offs will not count for individual class awards.

15.2) **Special Awards**

- a) The Scrutineers Award - An award for the car the scrutineers decide is the best prepared car competing on the day
- b) Fastest Time of the Day by a car in the B event: An Award

15.3) **Class Awards – All Classes;**

- a) 1st An Award, subject to 2 competitors starting the event in that class
- 2nd An Award, subject to 5 competitors starting the event in that class)
- 3rd An Award, subject to 7 competitors starting the event in that class)
- b) The fastest vintage or post-vintage thoroughbred car: An award

15.4) **Limitations:**

Winners of the various Fastest Time of the Day Awards are not eligible for individual Class Awards.

No Competitor may win more than **One** Premier Award.

16) **Cancellation of the Meeting:**

In accordance with D29, the organisers reserve the right to cancel the event due to severe or extreme weather conditions if they consider the safety of Spectators, Officials or Competitors are at risk.

17) All other Regulations of MSA will apply as required by Section S of the current MSA Yearbook.

Liverpool Motor Club thanks the members and officials of Kirkby Lonsdale Motor Club and all the volunteer marshals for their assistance in setting-up, organising and running the meeting.

The car events at Barbon are promoted by Barbon Hillclimb Ltd, a joint venture between Kirkby Lonsdale Motor Club & Liverpool Motor Club. Any surplus from the events is used to maintain the venue for the future. Each club organises its own series of events during the year, see their websites for details.

www.barbonhillclimb.co.uk
www.klmc.org.uk
www.liverpoolmotorclub.com

Vehicles competing in the National B event must comply with:-

Appendix 1

Clarifications for Road-going Series Production Cars

All cars must have current UK road tax. Proof will be via DVLA Confirmation of Vehicle Tax or a recent copy of the DVLA enquiry website (www.vehicleenquiry.service.gov.uk), a current MOT if age requires it, & insurance. It is the driver's responsibility to prove compliance.

All road-going cars must remain in a totally road-legal condition at all times. (S11.2)

Classes SA, SB & SC only: Trade plates and traders or company group insurance policies will not be accepted.

S11.9.1.2

Exhaust systems; all *production based* petrol engined cars manufactured after 31st Dec 1999 must include a working catalytic converter (J5.16.7).

Classes SA, SB & SC - Standard Cars conforming to S11.9

These classes are intended to attract new inexperienced competitors driving unmodified cars, as a low-cost entry into the sport. Other than adding FIA/MSA approved/homologated safety equipment and/or fitting uprated brake friction material, no modifications are allowed. Any replacement component fitted must be a *Standard Part or a Standard Pattern Part. Fleet insurance policies and/or trade plates are not permitted. S11.9.1.2

Engine; Forced induction equivalency is 1.7 (11.9.1.4).

Wheels and tyres; must comply with 11.9.1.5

* "Standard" means a component that was listed in the car manufacturer's price list for that model of car.

Classes 1A to 1F, and 2A to 2D conforming to S11.1 to S11.8 inclusive

Tyres; Tyres must comply with S11.6.2

Brakes; Brake callipers, discs, master cylinder, shoes & pads can be modified. *Non-ferrous discs are only permitted in accordance with J5.6.2.* Modification of the brake pedal is permitted. The fitting of aftermarket pedal assemblies is not permitted. Anti-Lock braking systems can be removed but cannot be added to a vehicle that does not have one as a manufacturer specified option.

Suspension; (As per S11.7) Non-adjustable Strut Braces across the top of the front suspension turrets are allowed but these must be removable and not welded in place.

Safety; Pyrotechnic safety devices such as airbags and seatbelt pre-tensioners may be disconnected or removed.

All other classes are as specified in Section S

Note: Whilst Scrutineers and Championship Officials reserve the right to check all road-going competition vehicles' taxation status via the DVLA website to ensure compliance with championship regulations, *the onus remains with the competitor to prove compliance when requested.*

It is the competitor's responsibility to ensure that all data held by the DVLA is accurate for the vehicle being entered into competition.

Drivers competing in a Racing or Sports Libre car of more than 1100cc, or equivalent forced induction, with the exception of a pre-1994 Formula Ford 1600 in compliance with the period Ford regulations, must hold a Speed National A or Race National A Licence (H.16.1.1), unless the car is currently licensed for use on the public highway and competes in the event in a road-legal condition (S7.1.5.).

With the exception of Classes 7A & 7R, **Holders of National A (or above) licences must compete in the National A Classes at this meeting.**

Be sure to fill in the correct Entry Form:-

The A form is for drivers with a National A or higher licence.

The B form is only for drivers with a National B licence, (plus all drivers in classes 7A & 7R).

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