



2019 BARC CONNAUGHT SPEED CHAMPIONSHIP

CONNAUGHT
COMPETITION ENGINES

CHAMPIONSHIP REGULATIONS 2019

IN ASSOCIATION WITH



**INSITE
GRAPHICS**



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BARC CONNAUGHT SPEED CHAMPIONSHIP - 2019 REGULATIONS

1.0 SPORTING REGULATIONS - GENERAL

1.1 Title & Jurisdiction

The BARC Connaught Speed Championship is organised and administered by the British Automobile Racing Club in accordance with the General Regulations of Motorsport UK (incorporating the provisions of the international sporting code of the FIA) and these championship regulations.

Motorsport UK Permit Number: CH2019/SO27

Motorsport UK Status: National B

Motorsport UK Championship Grade: C

1.2 Officials

1.2.1 Championship Coordinator

Bob Adams, 255 Old Road, Meriden, Coventry West Midlands CV7 7JP

Telephone: 07766 541 429

Email: bob@barc-midlands.co.uk

1.2.2 Eligibility Scrutineer

Keith Marchment, 54 Above Town, Upper Clatford, Andover, Hampshire SP11 7QA

1.2.3 Championship Stewards

John Hopkinson, John Felix and David Wheadon

1.3 Eligible Competitors

1.3.1 Entrants must be fully paid up valid membership card holding members of the BARC or a member club of the:

- ACSMC
- ANECCC
- ASWMC
- AEMC
- ANWCC
- AWMCC
- ANCC
- ASEMC
- EMAMC

, be registered for the championship and be in possession of a valid 2019 MSA Entrant Licence.

1.3.2 Drivers and entrant / drivers must be fully paid up valid card holding members of the BARC or a member club of the:

- ACSMC
- ANECCC
- ASWMC
- AEMC
- ANWCC
- AWMCC
- ANCC
- ASEMC
- EMAMC

, be registered for the championship and be in possession of a valid 2019 Motorsport UK Competition Licence, National B Status minimum, or National A for vehicles covered by Motorsport UK regulations S7.1.5 and S7.1.5.1

1.3.3 All necessary documentation must be presented for validation at all rounds when signing on.

1.4 Qualifying Rounds

30 March	Three Sisters*	BARC Midlands
31 March	Three Sisters*	BARC Midlands
7 April	Abingdon	Sutton & Cheam
27 April	Wiscombe	Woolbridge MC
28 April	Wiscombe	Woolbridge MC
4 May	MIRA	Bentley DC
5 May	Shelsley Walsh	MAC
11 May	Goodwood	Brighton & Hove
1 June	MotoFest Coventry*	BARC Midlands
2 June	MotoFest Coventry*	BARC Midlands
1 June	Pembrey*	BARC Wales
2 June	Pembrey*	BARC Wales
8 June	Abingdon	Sutton & Cheam
15 June	Gurston Down*	BARC South West
6 July	Harewood*	BARC Yorkshire
7 July	Harewood*	BARC Yorkshire
27 July	Castle Combe	Bristol MC
3 August	Loton Park	HDLCC
4 August	Loton Park	HDLCC
31 August	Three Sisters*	BARC Midlands
1 September	Three Sisters	Longton & District
7 September	Blyton Park	NSCC
8 September	Blyton Park	NSCC
14 September	MIRA	MAC
21 September	Curborough*	BARC Midlands

* Events indicated with an asterisk are bonus point rounds. Please refer to 1.6.10 for details.

1.5 Registration

1.5.1 Drivers must register online at **barc-midlands.co.uk** or by sending a fully completed registration form, accompanied by the correct fee, to the Championship Coordinator, along with a recent photograph of the registered vehicle. Registration will only be deemed complete when written acceptance in the form of a registration card is issued. Incomplete or unsigned forms will be rejected.

1.5.2 There is a £30 registration fee to enter the 2019 BARC Connaught Speed Championship.

1.5.3 Only registered competitors may score championship points.

1.5.4 Competitors may register up to the day before the final championship round. However, Championship points cannot be backdated.

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- 1.5.5 Competitors wishing to receive entry forms automatically should return their registration forms by 28th February 2019 to ensure they are included in the mailing lists that are sent to the event organising clubs.
- 1.5.6 BARC Connaught Speed Championship competitors must apply for entry to Championship events in good time, directly to the organising club, as places cannot be guaranteed. Concessions are not available for competitors who are unable to secure entry to any Championship round.
- 1.5.7 By registering for the BARC Connaught Speed Championship, competitors agree to comply with any reasonable request for them to provide motorsport related autobiographical information and the capture of still and video imagery in which either they or their car feature. Competitors also agree to the use of these materials by the Championship Organisers and their sponsors for marketing and communications purposes.

1.6 Points Scoring

- 1.6.1 Scoring will be run on a points scoring system.
- 1.6.2 There will be 25 rounds with 10 counting towards the final result.
- 1.6.3 In the event of a reduction in the total number of qualifying championship rounds to less than 20, the number of rounds to count towards the competitor's final totals will be reduced by one for each reduction below 20. In the event of this happening, all competitors will be advised directly.
- 1.6.4 In the event of an organising club running a different class structure to the BARC Connaught Speed Championship, the competitors' results will be reclassified according to the BARC Connaught Speed Championship classes.
- 1.6.5 The results will be based only on competitive runs available to all competitors. The number of competitive runs that count will depend on the individual event's Supplementary Regulations. If the Supplementary Regulations specify 2 competitive runs, then 2 will count. If they specify 3 or more may take place, then only the first 3 competitive runs will count, as long as all competitors are given the opportunity to take the same number of competitive runs.
- 1.6.6 The Championship Organisers will maintain class records for each Championship class at each Championship venue. Points will be awarded to competitors up to a maximum of 21 points, or 22 points for a bonus round (see 1.6.10), and a minimum of 5 points, based on their best time in relation to the relevant class record for each venue.
- 1.6.7 **Points are calculated as follows:**
This system is based on using a nominal figure of 20 minus X, where X equals the competitor's best competitive time, minus the relevant class record for each venue. Here, class records and competitor's best competitive times will be recorded to the nearest 0.01 second.
For example, where the class record is 105.21 seconds and the competitor's best competitive time is 106.45, the calculation will be:
 $20 - (106.45 - 105.21) = 20 - (1.24) = 18.76$ Points
Where the class record is broken, more than 20 points will be scored, up to a maximum of 21 points.
For example, where the class record is 105.21 seconds and the competitor's best competitive time is 104.91 seconds, the calculations will be:
 $20 - (104.91 - 105.21) = 20 - (-0.3) = 20.30$ Points
- 1.6.8 **Standing Class Records**
Registered Championship contenders will be notified of the class records for each venue before the first qualifying round of the BARC Connaught Speed Championship at that venue. These class records will stand as notified at the start of the season for the entire season.
- 1.6.9 **Undefined Class Records**
In instances where it is not possible to identify class records for any or all of the Championship classes i.e.
a) Where a Championship Class has been significantly altered or a new Championship Class has been introduced
b) At a course that has not previously been competed at as part of the BARC Speed Championship
c) Where a new course layout has been introduced, but has not previously been competed upon as part of the BARC Speed Championship
or
d) where the course layout has been significantly revised, but has not previously been competed upon as part of the BARC Speed Championship
, each undefined class record will be set after completion of the first applicable Championship round by the BARC Connaught Speed Championship competitor who records the fastest competitive time within the class.
Under these circumstances, the **Undefined Class Record Points Scoring System** will be applied.
This is defined as follows:
For the BARC Connaught Speed Championship competitor who achieves the fastest competitive time within his or her class, thereby setting the **New Class Record**, his or her second fastest time

will be deducted from his or her fastest time (the New Class Record). The resultant figure will then be deducted from a nominal figure of 21 to provide a point score.

For example, where the New Class Record is 98.33 seconds and the competitor who has set the New Class Record second best competitive time is 101.23, the calculation will be:

$$21 + (98.33 - 101.23) = 21 + (-2.90) = 18.10 \text{ Point}$$

For all other BARC Connaught Speed Championship competitors, their fastest time will be deducted from the **New Class Record**. The resultant figure will be deducted from a nominal figure of 21 to provide a points score.

*For example, where the **New Class Record** is 98.33 seconds and a BARC Connaught Speed Championship competitor records a fastest time of 99.52 seconds within the same class, the calculation will be:*

$$21 + (98.33 - 99.52) = 21 + (-1.19) = 19.81 \text{ Points}$$

Under these circumstances, once a **New Class Record** has been set, this will stand for every subsequent round at the same venue throughout the 2019 season and the **Standard Scoring System** will be applied.

If the BARC Connaught Speed Championship competitor who sets the **New Class Record** only completes 1 competitive run, their score will be 5 points.

1.6.10 Bonus Points

By breaking the timing beam during a competitive run at a Championship round organised by a BARC Centre (Midlands, Wales, South West or Yorkshire), registered BARC Connaught Speed Championship competitors who are also fully paid up valid membership card holding members of the BARC will be awarded 1 bonus point, with a maximum of 9 bonus points available for each competitor during the 2019 season.

A bonus points gained by this method will be retained, even if the associated round is discarded as dropped score.

If a BARC Connaught Speed Championship Competitor becomes a fully paid up valid membership card holding member of the BARC **after** competing in any bonus point round(s), the associated bonus point(s) will not be awarded retrospectively.

1.6.11 Any driver competing at a qualifying round of the BARC Connaught Speed Championship, but who is not a registered competitor, is excluded from the scoring calculations.

1.6.12 Competitors must at least break the start line beam during a competitive run to score points.

1.6.13 If a competitor fails to score any points at a round, that round will not count as a qualifying round in that competitor's results.

1.6.14 Competitors wishing to change class must confirm this in writing to the Championship Organisers in advance of the change taking place. Failure to do so will result in 0 points being awarded.

1.6.15 During the season, competitors may change their car. This requires completion of a new registration for the BARC Connaught Speed Championship, along with payment of the full registration fee.

1.6.16 Points scored within a class are not transferable to any other car or class.

1.7 Tie Breaking

In the event of a tie between two or more competitors at the end of the BARC Connaught Speed Championship, the following tiebreak procedure will be adopted in the sequence shown, until a result is obtained:

1. The number of championship class records broken will be counted.
2. The best dropped score for each competitor will be counted.
3. The competitor who scored their Championship total points first will be deemed the winner.

If none of these methods are effective, the Championship Organisers will declare a tie.

1.8 Championship Points Appeal

All Championship points appeals will be in accordance with sections C6.5 and C6.5.1 of the 2019 Motorsport UK Yearbook.

1.9 Championship Awards

1.9.1 Awards are only presented for the overall championship and not individual rounds. To be eligible for an award, a contender must have scored points in at least four qualifying rounds.

1.9.2 Awards will be presented at the Championship Awards Dinner as follows:

Overall Winner	£300 and a trophy
Second Place	£150 and a trophy
Third Place	£ 75 and a trophy

1.9.3 Class Winners Trophies

The winner of each Championship class will be awarded a Class Winners Trophy, excluding the overall Championship winner and the winners of second and third place. The overall win, second place and third place will promote the next highest scoring competitors in the related classes to a class win.

1.10 Bonus Awards

The BARC Connaught Speed Championship is supported by 5 bonus awards, which will also be presented at the Championship Awards Dinner.

BARC Connaught Speed Championship competitors are eligible to win a maximum of 1 Bonus Award, either the Insite Graphics Challenge Trophy, The Raymond Good FTD Handicap Trophy, Down to Earth Ladies Award, The Emerald Award, the Rallye Communications Top six Challenge or the OTR Precision Lotus Award. In instances where a competitor attains sufficient scores to receive more than 1 Bonus Award, they will be asked to choose their preferred option. This process will promote the next eligible competitor and will continue until each Bonus Awards has been allocated individually.

Although each Bonus Award has its individual regulations, the main BARC Connaught Speed Championship regulations still apply at all times.

INSITE GRAPHICS CHALLENGE TROPHY

First Place	£100 and a trophy
Second Place	£ 75 and a trophy
Third Place	A trophy

The Insite Graphics Challenge Trophy is open to all registered BARC Connaught Speed Championship competitors. However, competitors must compete at a minimum of 8 Championship rounds to qualify.

The calculation of points at every round is irrespective of class structure. It is based purely upon each competitor's first 2 competitive runs, subtracting the slower time from the faster time to give an individual points score for the round.

Qualifying points at the end of the season will be calculated by adding together each competitor's 8 lowest scores. The overall lowest score will qualify for first place, with second place and third place awarded respectively.

If a round is abandoned, either before the competitive runs begin or before the second competitive run has been completed, every BARC Connaught Speed Championship competitor attending the round will receive 0 points. This can be used as 1 of their 8 eligible scores. If a competitor chooses not to take, or cannot take the first or second competitive run, then the round will not qualify for inclusion.

RAYMOND GOOD FTD HANDICAP TROPHY

First Place	£100 and a trophy
Second Place	£ 75
Third Place	£ 50

This bonus award is open to all BARC Connaught

Speed Championship competitors. Points will be calculated using a handicap system based upon:

- a) Tyres:** 12 points will be awarded for cars running on 1A tyres, 8 points for 1B tyres and 0 point for slicks.
- b) Age:** 0.1 point will be awarded for every year from the date of manufacture to 1 January 2019.
- c) Seats:** 1 point will be awarded for every seat a person can sit on, up to a maximum of 4 points.
- d) Construction:** 0 points will be awarded for an open roofed or convertible car, with 15 points for a fixed roof.
- e) Induction:** 6 points will be deducted for cars employing forced induction.
- f) Drive Train:** 3 points will be awarded for two-wheel drive cars, with 0 points for four-wheel drive cars.
- g) Conveyance:** 2 bonus points will be awarded to competitors who drive to an event. Confirmation of this must be sent by email to the Championship Coordinator no later than 2 days after the event.

Every competitor will have a target time calculated from the FTD of the day and their handicap. The competitor beating (or closest) to their target time will be awarded 10 points, second 9 points etc. down to tenth place (1 point). In the event of a tied improvement, the same amount of points will be awarded, with an eleventh place being introduced. The overall winner will be the competitor who has accumulated the most points at the end of the season, with second and third place awarded respectively.

DOWN TO EARTH LADIES AWARD

First Place	A trophy
Second Place	A trophy

The Down to Earth Ladies Award is open to all female BARC Connaught Speed Championship competitors. First place will be awarded to the lady competitor who scores the most Championship points, based on the scores from the main BARC Connaught Speed Championship. Second place will be awarded respectively.

THE EMERALD AWARD

First Place	A voucher
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The Emerald Award is open to BARC Connaught Speed Championship competitors in all S, 1 and 2 classes for road going cars. It will be run and scored as per the main BARC Connaught Speed Championship. The same number of qualifying rounds and scores will count as per the main Championship.

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The winner will receive a voucher entitling them to 1 day's free use of Emerald M3D Limited's rolling road and set up facilities.

There is no cash alternative to this prize.

RALLYE COMMUNICATIONS TOP SIX CHALLENGE

First Place A trophy

Second Place A trophy

The Top Six Challenge is open to all BARC Connaught Speed Championship competitors, with points awarded as follows:

Fastest Time Overall 6 Points

Second Fastest Time Overall 5 Points

Third Fastest Time Overall 4 Points

Fourth Fastest Time Overall 3 Points

Fifth Fastest Time Overall 2 Points

Sixth Fastest Time Overall 1 Point

Points will be calculated based purely on overall time, irrespective of class structure. All rounds of the BARC Connaught Speed Championship will qualify, with the same number of rounds counting towards the final result.

THE OTR PRECISION LOTUS AWARD

First Place - Class 6 A trophy

First Place - Class 7 A trophy

The OTR Precision Lotus Award is open to BARC Connaught Speed Championship competitors in Class 6 and Class 7. It will be run and scored as per the main BARC Connaught Speed Championship. First Place in Class 6 and First Place in Class 7 will be awarded to the BARC Connaught Speed Championship competitor with the highest total score in each respective class, based on accumulating the best 6 scores from the following 8 Championship rounds:

Three Sisters Circuit 30 March

Abingdon 7 April

MIRA 4 May

MotoFest Coventry 1 June

Castle Combe 27 July

Loton Park 3 August

Blyton Park 7 September

Curborough Sprint Course 21 September

2.2 Championship Rounds

All rounds will be in accordance with Section C of the 2019 Motorsport UK Yearbook and the Supplementary Regulations of the qualifying round.

3.0 TECHNICAL REGULATIONS

3.1 Eligible Cars

3.1.1 There will be 31 classes. Classes 1A to 5E are as defined by 2019 Motorsport UK Yearbook.

3.1.2 If a dispute occurs regarding the compliance of a vehicle to the regulations for an event, the onus will be on the competitor to prove compliance to the organisers.

3.1.3 At some events Eligibility Scrutineers may be employed to validate the eligibility of cars within these regulations. No warning will necessarily be given to competitors.

3.2 Class Sponsorship

3.2.1 Connaught Competition Engines Limited is the title sponsor of the overall BARC Connaught Speed Championship

All classes are sponsored by Insite Graphics

All classes are sponsored by Raymond Good (Joiners) Limited

Lady drivers in all classes are sponsored by Down to Earth (Wales) Limited

Classes S to 2 are sponsored by Emerald M3D Limited

All classes are sponsored by Rallye Communications Limited

Class 6 and Class 7 are sponsored by OTR Precision

3.2.2 The Championship Organisers will provide all BARC Connaught Speed Championship competitors with a branding pack as part of their confirmation of registration. This will include 2 copies of the main Championship sticker, plus stickers from Insite Graphics, Raymond Good and Emerald M3D, our commercial Bonus Award sponsors. To qualify for the main awards and the Insite Graphics Challenge Trophy, The Raymond Good FTD Handicap Trophy and The Emerald Award, all competitors must display the main championship sticker on the nearside and offside of their vehicle, plus at least 1 of each commercial sponsor's stickers.

2.0 SPORTING REGULATIONS - JUDICIAL PROCEDURES

2.1 **The BARC Connaught Speed Championship**
This Championship operates in accordance with Section C of the 2019 Motorsport UK Yearbook and these regulations.

3.3 Class Structure

Road-Going Standard Series Production Cars

Four wheel drive cars are not eligible for these classes.

- SA** Sports & Saloon Cars up to & including 1400cc
- SB** Sports & Saloon Cars 1401cc up to & including 2000cc
- SC** Sports & Saloon Cars 2001cc and above

Road-Going Series Production Cars

2019 Motorsport UK Yearbook regulations S11.1 to S11.8 inclusive.

- 1A** Sports & Saloon Cars up to & including 1400cc
- 1B** Sports & Saloon Cars 1401cc up to & including 2000cc
- 1C** Sports & Saloon Cars 2001cc & above
- 1D** Lotus Elise & other non-ferrous chassis construction cars
- 1E** Four Wheel Drive Cars of any capacity

Road-Going Specialist Production Cars

2019 Motorsport UK Yearbook regulations S11.1 to S11.8 inclusive

- 2A** Cars up to & including 1700cc - Car derived engines
- 2B** Cars 1701cc & above - Car derived engines
- 2C** Cars employing motorcycle derived engines
- 2D** Cars that are not eligible for classes 2A to 2C

Modified Series Production Cars

2019 Motorsport UK Yearbook regulation S12.

- 3A** Cars up to and Including 1400cc
- 3B** Cars 1401cc up to and Including 2000cc
- 3C** Cars 2001cc and above
- 3D** Lotus Elise & other non-ferrous chassis construction cars

Modified Specialist Production Cars

2019 Motorsport UK Yearbook regulation S12.

- 3E** Cars up to & including 1700cc - Car derived engines
- 3F** Cars 1701cc & above - Car derived engines
- 3G** Cars employing motorcycle derived engines
- 3H** Cars that are not eligible for classes 3D to 3F

Hillclimb Supersports Cars

2019 Motorsport UK Yearbook regulation S13.

- 4A** Front-Engined Cars
- 4B** Rear-Engined Cars

Sports Libre Cars

2019 Motorsport UK Yearbook Regulation S14.

- 4C** Cars up to & including 1700cc
- 4D** Cars 1701cc & above

Racing Cars

2019 Motorsport UK Yearbook regulation S15.

- 5A** Cars up to & including 1100cc
- 5B** Formula Ford 1600 racing cars manufactured before 1 January 1994
- 5C** Cars 1101cc up to & including 1600cc
- 5D** Cars 1601cc up to & including 2000cc
- 5E** Cars 2001cc & above

6 Road Going Lotus Series Production Cars

7 Road-Going Lotus Supersport Series Production Cars

3.4 Electric & Hybrid Vehicles

- 3.4.1 Based on guidance from the Motor Sports Association and the requirements associated with the inclusion of electric and hybrid vehicles at events, the Championship Organisers will not be able to accept entries for any electric or hybrid vehicle.

3.5 General Regulations

3.5.1 Documentation

Drivers competing in the **Road-Going Series** or **Road-Going Specialist Production Car** classes must be able to produce proof of current UK Road Tax, Insurance and an MOT Certificate (where applicable) at scrutineering. Acceptable proof of Road Tax will a DVLA confirmation of Vehicle Tax or a validated copy of the DVLA enquiry website: vehicleenquiry.service.gov.uk

3.5.2 Wheels & Tyres

Cars in classes SA to SC must use List 1A tyres as specified by the 2019 Motorsport UK Yearbook. All other Road-Going Production classes must use tyres from List 1A or 1B in the 2019 Motorsport UK Yearbook. All tyres must comply with L 2.3.

3.5.3 Engine Capacity

Engine capacity shall be the actual measured capacity and must be declared on the entry form.

3.5.4 Forced Induction

The forced induction equivalence for classes SA to SC is 1.7

The forced induction equivalence for all other classes is as specified in the 2019 Motorsport UK Yearbook regulations S10.3.1 and S10.3.2.

3.5.5 Noise

All categories must comply with the current Motorsport UK noise regulations (J5.17 & J5.18) or any special noise regulations in force at an individual venue, whichever is the lower.

3.5.6 Licenses

For a driver to compete in a racing or a sports libre car manufactured after 31 December 1960 and of more than 2000cc (or 1428cc if forced induction), he or she must hold a Speed National A (OPEN) or Race National A licence (H16.1.1), unless the car is currently licensed for use on the public highway and competes at the event in a road legal condition (S7.1.5).

3.5.7 Compliance

All vehicles must comply with the Motorsport UK General and Technical Regulations and with the specific regulations for each category / class as detailed in the 2019 Motorsport UK Yearbook section S10. Please refer to the 2019 Motorsport UK Yearbook Section B for the definition of a Sports Car.

3.5.8 Driver & Vehicle Safety

All competing vehicles, drivers and safety equipment must comply with Motorsport UK safety regulations as per the 2019 Motorsport UK Yearbook, Section K.

The requirements of the current Motorsport UK regulations regarding safety provisions for Sprint and Hillclimb cars must be adhered to, including the use of suitable Frontal Head Restraints where mandatory.

The 2019 Motorsport UK Yearbook regulations S10 to S15.2.1 are not negated by these regulations.

3.5.9 Legal Requirements - Road-Going Cars

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

3.6 Class Specific Regulations

3.6.1 Road-Going Standard Series Production Cars - SA to SC

3.6.1.1 Classes SA to SC are for saloons and sports cars produced in quantities of not less than 5000 per annum of unitary construction and two wheel drive. The cars must be manufactured after 1 January 2000 and be type approved.

3.6.1.2 Classes SA, SB and SC are intended to attract new, inexperienced competitors driving unmodified cars, providing a low-cost entry point to the sport. Other than installing FIA / Motorsport UK approved / homologated safety equipment and / or fitting uprated brake friction material, no other modifications are allowed. Any replacement component fitted must be a Standard Part or a Standard Pattern Part, where

Standard is defined as a component that was listed in the car manufacturer's price list for that model of car.

3.6.1.3 Insurance & Number Plates

Fleet insurance policies and / or trade plates are not permitted (S11.9.1.2)

3.6.1.4 Wheels & Tyres

Wheels and tyres must comply with S11.9.1.5

3.6.2 Road-Going Series Production Cars - 1A to 1E

3.6.2.1 Regulations

Cars running in classes 1A to 1E must conform to 2019 Motorsport UK Yearbook regulations S11.1 to S11.8 inclusive.

3.6.2.2 Tyres

Tyres must comply with 2019 Motorsport UK Yearbook regulation S11.6.2.

3.6.2.3 Brakes

Brake callipers, discs, master cylinder, shoes and 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.

3.6.2.4 Suspension

As per 2019 Motorsport UK Yearbook regulation 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.

3.6.3 Road-Going Specialist Production Cars - 2A to 2D

3.6.3.1 Regulations

Cars running in classes 2A to 2D must conform to 2019 Motorsport UK Yearbook regulations S11.1 to S11.8 inclusive.

3.6.3.2 Vehicle Types

This class includes kit, replica and spaceframed cars permitted under the relevant regulations.

3.6.3.3 Tyres

Tyres must comply with S11.6.2.

3.6.3.4 Brakes

Brake callipers, discs, master cylinder, shoes and 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.

3.6.3.5 Suspension

As per 2019 Motorsport UK Yearbook regulation 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.

3.6.4 Modified Series Production Cars - 3A to 3D

3.6.4.1 Regulations

Cars running in classes 3A to 3C inclusive must conform to 2019 Motorsport UK Yearbook regulations S12.

3.6.5 Modified Specialist Production Cars - 3E to 3H

3.6.5.1 Regulations

Cars running in classes 3E to 3H inclusive must conform to 2019 Motorsport UK Yearbook regulation S12.

3.6.5.2 Eligible Vehicles

This class includes kit, replica and spaceframed cars permitted under the relevant regulations.

3.6.6 Hillclimb Supersports Cars - 4A & 4B

3.6.6.1 Regulations

Cars running in classes 4A and 4B must conform to 2019 Motorsport UK Yearbook regulations S13.

3.6.7 Sports Libre Cars - 4C & 4D

3.6.7.1 Eligible Vehicles

This class includes Special Saloons, Silhouettes, Spaceframed Cars, Group B Sports Cars, GT1 Sports Cars, World Rally Cars, Modified Kit Cars, Replica Cars, Sports Racing Cars and Modified Hillclimb Supersports Cars.

3.6.7.2 Regulations

Cars running in classes 4C and 4D must conform to 2019 Motorsport UK Yearbook regulation S14.

3.6.8 Racing Cars - 5A to 5E

3.6.8.1 Regulations

Cars running in classes 5A to 5E inclusive must conform to 2019 Motorsport UK Yearbook regulation S15.

3.6.9 Road Going Lotus Series Production Cars - 6

3.6.9.1 Eligible Vehicles

This class is open to:

Series 1 and 2 Elise with a maximum hub power of 155bhp (as measured by RRR Engineering) and minimum combined weight of driver and car of 815kg.

Standard series 2 Exige and 111R Toyota NA engine cars with a maximum hub power of 175bhp (as measured by RRR Engineering) and minimum combined weight of driver and car of 935kg.

Elise S3, Elise Cup and Elise Cup R with a maximum hub power of 185bhp (as measured by RRR Engineering) and minimum combined weight of driver and car of 1000kg.

In general terms, an Elise 111S or Sport 160 will meet power limits.

Cars will be accepted where the engine and forced induction was originally supplied and fitted as standard by Lotus cars on that relevant model.

All cars must comply with Motorsport UK 2019 Yearbook regulations S.11.1 to S.11.8 inclusive.

The BARC Connaught Speed Championship organiser reserves the right to overrule any part that is felt to be outside the spirit of the series. It should be presumed that if these regulations don't specifically permit a change then it cannot be made. The onus is on the entrant to enquire first, so if in any doubt about what is / is not acceptable.

3.6.9.2 Bodywork

All cars must retain the standard road car's profile.

All body panels must remain as standard production in size, shape, profile and material.

Headlamps, front direction indicators and side repeaters including associated mountings may not be removed.

The interior must remain as standard, with the exception of items required to meet safety regulations as specified by the Motorsport UK 2019 Yearbook. The following items may be removed: carpets, roof lining, coin tray, rear speaker pods, sun visors, sill pads, passenger foot rest, dashboard infill panels, handbrake cover and gear lever cover. Supplementary gauges may be added such as oil temperature and pressure.

Steering wheel and steering wheel bosses may be replaced with a suitable alternative.

K Series Cars Only

Side scoops may be fitted, but must not protrude further than the side profile of the car. Only series 1 style side scoops are permitted on series 1 cars and series 2 style on series 2 cars. Material is free. Side scoop inner vents may be removed but the external holes in the clam must be standard size and profile. No clam material may be removed.

A small front spoiler / splitter that is within the profile of the car may be fitted. Material is free.

Rear diffuser may be extended rearwards protruding no more than 50mm from the periphery of the rear bodywork from plan view and complying with the ground clearance rules. Material is free.

The boot bulkhead may be modified to allow easier access to the engine.

Elise S1 Only

Elise Sport 160 style rear wing may be fitted to Elise S1. Material is free.

Elise S3 Only

The Lotus Racing body kit is permitted.

3.6.9.3 **Engine**

K Series cars must not exceed a maximum power output of 155bhp at the hubs (as measured by RRR Engineering).

S2 and Exige Toyota cars must not exceed a maximum power output of 175bhp at the hubs (as measured by RRR Engineering).

S3 and Elise Cup Toyota cars must not exceed a maximum power output of 185bhp at the hubs (as measured by RRR Engineering).

Where an ECU has more than 1 map, all maps will be tested.

As per Motorsport UK 2019 Yearbook regulations including J5.4.1 to J5.4.3 (engines), J5.12.1 (oil systems), J5.13.1 to J5.13.7 (fuel systems):

Additional heat shielding may be added within the engine bay.

Toyota Engine Cars Only

No engine modifications permitted including but not limited to airbox and exhaust system with the exception of the exhaust silencer which may be changed and a baffled sump which is permitted. The vehicle should remain as standard. Alternator make is free but must be installed in standard position and working. Ducting or a fan may be added to the alternator but modification of bodywork or under tray is not permitted.

K Series Cars Only

Engine must retain the standard inlet plenum (either plastic or VVC style alloy versions). Engine must retain the standard single throttle body in un-modified form (MGF TF 52mm is permitted) - Multiple throttle bodies are not permitted.

Aftermarket 421 exhaust manifolds are permitted. Exhaust system after the manifold are free, although all relevant Motorsport UK 2019 Yearbook regulations must be observed. Compression ratio must remain standard. Air filters / induction is free up to the single throttle body.

Engine rods, pistons and crankshaft may be balanced, however no materials may be added (e.g. no heavy metal crank inserts) or removed (beyond balancing) and the components themselves must be standard parts as fitted to either the VVC, sport 160 or standard Elise K engines. If, in renewing the bottom end, any parts are replaced by new items - they must be

the exact specification / profile and material of the original parts in the appropriate derivative (forged pistons are permitted). Heads are free but standard hydraulic tappets / followers must be retained and valve, valve guide, valve seat and valve spring dimensions limited to standard rover items as fitted to standard, VVC or VHPD heads. Heads may be ported and polished and intake manifold may be matched to the head. Cams are free but standard hydraulic tappets / followers must be retained and valve and valve spring dimensions limited to standard rover items as fitted to standard, VVC or VHPD heads. Vernier cam pulleys are permitted. Swept volume must remain standard (i.e. below 1800cc). Crank accessory pulley is free.

Engine water cooling system is free (e.g. use of a remote thermostat, up rated cooling fans, up rated water pump). Addition of a water / oil or air / oil cooler is permitted. A baffle may be fitted to the sump. Up rated engine, gearbox and clutch slave cylinder mounts are permitted. Addition of a remote thermostat / PRRT is permitted. Engine & Gear box oil coolers are permitted.

Lightweight flywheels are permitted, but must retain the standard clutch mounts and starter ring. Clutch must remain standard pattern (AP or other upgraded clutch are permitted if same type as OEM). Throttle cable to pedal linkage, gear selector cables and clutch hose may be replaced by up rated versions and rerouted. Quick shift gear stick is also permitted. Alternator make is free but must be installed in standard position and working. Ducting or a fan may be added to the alternator but modification of bodywork or under tray is not permitted.

3.6.9.4 **Brakes**

Discs are free (steel or iron only - bells are free). Original Lotus MMC disks are permitted. However, the bell may not be thickened beyond 13mm.

Pads are free.

Calipers must remain standard (AP two pot fronts and Brembo sliding caliper rears).

Master cylinder must remain standard (single dual circuit item).

Brake disk shields may be removed.

3.6.9.5 **Wheels & Tyres**

Elise S1

Maximum rim size front 7J15, minimum ET10 and rear 8J16, minimum ET10.

Elise S2 (K Series)

Maximum rim size front 7J16, minimum ET30 and rear 8J17, minimum ET18.

3.6.9.5 Wheels & Tyres (Continued)

Toyota Engine Cars

Maximum rim size front 7J16, minimum ET30 and rear 8J17, minimum ET35.

All Wheels must be of metal construction with the exception of the use of Magnesium wheels which are not permitted. Multi-piece wheels are not permitted.

Wheel spacers or any other method of changing the track of the vehicle are not permitted. Wheel spacers can be added to Toyota rear wheels when fitting them to a S2 (K Series) car to keep the original track width.

3.6.9.6 Weights

Minimum vehicle weights, including the driver, are as follows:

K Series Cars - 815kg

111R Cars - 935kg

Exige Cars - 950kg

Elise S3 and Elise Cup Cars - 1000kg

This weight is the minimum the car and driver combined must be after any sessions.

It is forbidden to use ballast to make up the weight.

3.6.9.7 Power Testing

The BARC Connaught Speed Championship's organisers reserve the right to request competitors submit their car to RRR Engineering for power testing before they are permitted to take part in the championship. If the requested power test has not been completed, the organisers reserve the right to enter the car into an alternative class.

3.6.10 Road-Going Lotus Supersport Series Production Cars - 7

3.6.10.1 Eligible Vehicles

This class is open to:

Lotus Elise, Exige, Exige V6, 211, 340R, Europa or Evora with original make and type of engine with a maximum of 260bhp at the hubs (as measured by RRR Engineering) with a maximum power to weight of 287.5bhp/tonne including driver.

Evora and Exige V6 with a maximum of 330bhp at the hubs and a maximum power to weight of 287.5bhp/tonne including driver.

Cars will be accepted where the engine and forced induction was originally supplied and fitted as standard by Lotus cars on that relevant model.

All cars must comply with Motorsport UK 2019 Yearbook regulations S.11.1 to S.11.8 inclusive.

The BARC Connaught Speed Championship organiser reserves the right to overrule any part

that is felt to be outside the spirit of the series. It should be presumed that if these regulations don't specifically permit a change then it cannot be made. The onus is on the entrant to enquire first if in any doubt about what is / is not acceptable.

3.6.10.2 Bodywork

All cars must retain the standard road car's profile.

All body panels must remain as standard production in size, shape, profile and material.

Headlamps, front direction indicators and side repeaters including associated mountings may not be removed.

The interior must remain as standard, with the exception of items required to meet safety regulations as specified by the Motorsport UK 2019 Yearbook. The following items may be removed: carpets, roof lining, coin tray, rear speaker pods, sun visors, sill pads, passenger foot rest, dashboard infill panels, handbrake cover and gear lever cover. Supplementary gauges may be added such as oil temperature and pressure.

Steering wheel and steering wheel bosses may be replaced with a suitable alternative.

K Series Cars Only

Side scoops may be fitted, but must not protrude further than the side profile of the car. Only series 1 style side scoops are permitted on series 1 cars and series 2 style on series 2 cars. Material is free. Side scoop inner vents may be removed but the external holes in the clam must be standard size and profile. No clam material may be removed.

Rear diffuser may be extended rearwards protruding no more than 50mm from the periphery of the rear bodywork from plan view and complying with the ground clearance rules. Material is free.

The boot bulkhead may be modified to allow easier access to the engine.

K Series and 340R Only

A small front spoiler / splitter that is within the profile of the car may be fitted. Material is free.

Elise S1 Only

Elise Sport 160 style rear wing may be fitted to Elise S1. Material is free.

Elise S3 Only

The Lotus Racing body kit is permitted.

340R Only

Boost Tubes are permitted in any material.

3.6.10.3 Engine

Engine modifications are free but must retain an alternator mounted in the same position.

3.6.10.3 Engine (Continued)

Forced induction only permitted were originally supplied and fitted as standard by Lotus cars on that relevant model.

3.6.10.4 Brakes

Discs are free (steel or iron only - bells are free). Original Lotus MMC disks are permitted. However, the bell may not be thickened beyond 13mm.

Pads are free.

Master cylinder must remain standard (single dual circuit item).

Brake disk shields may be removed.

3.6.10.5 Wheels & Tyres

Elise S1

Maximum rim size front 7J15, minimum ET10 and rear 8J16, minimum ET10.

Elise S2 (K Series)

Maximum rim size front 7J16, minimum ET30 and rear 8J17, minimum ET18.

Toyota Engine Cars

Maximum rim size front 7J16, minimum ET30 and rear 8J17, minimum ET35.

All Wheels must be of metal construction with the exception of the use of Magnesium wheels which are not permitted. Multi-piece wheels are not permitted.

Wheel spacers or any other method of changing the track of the vehicle are not permitted. Wheel spacers can be added to Toyota rear wheels when fitting them to a S2 (K Series) car to keep the original track width.

3.6.10.6 Weights

There is no minimum weight but cars must comply with a Power to Weight limit. The minimum weight of car and driver combined will be used when calculating the power to weight (287.5Bhp/tonne). Power is measured at the hubs as measured by RRR Engineering.

Where an ECU has more than 1 map, all maps will be tested.

This weight is the minimum the car and driver combined must be after any sessions.

It is forbidden to use ballast to make up the weight.

3.6.10.7 Power Testing

The BARC Connaught Speed Championship's organisers reserve the right to request competitors submit their car to RRR Engineering for power testing before they are permitted to take part in the championship. If the requested power test has not been completed, the organisers reserve the right to enter the car into an alternative class.

4.0 OFFICIAL COMMUNICATIONS

4.1 Competitor Council

From 2019, a Competitor Council will be established to provide an official channel of communication between the BARC Connaught Speed Championship competitors and the Championship Coordinator and Championship Organisers. This will be formed from up to four representatives elected by the competitors at the start of the season. The Championship Coordinator and Championship Organisers will be provided with all relevant details, including the Competitor Council member appointed to act as a spokes person for the group. This is aimed at providing a structured and documented pathway for all official communications.

Signed:



Bob Adams
Championship Coordinator
BARC Midlands Centre

Date: 21st December 2018