



## CGRC News – 2020 (PART 3)

Before everyone is busy with Christmas and New Year celebrations, we thought we should update you on our 2020 membership, the fast approaching deadlines for our discounted membership offers and pre-season track day, along with news about our confirmed UK race entry fees, the race entry systems for 2020 and a hard-wired video camera offer.

### **Membership Update**

It's great to see we have 55 racing members already signed up for 2020. Class numbers are currently standing at: -

Sigmax	24
Sigma 150	7
Sigma 135	17
Classic	7

We are pleased to welcome many new members to the Club, including our youngest ever driver, 16-year-old ex-karter Adam Cottrell, in the Sigma 150 class and following a number of guest appearances in 2019, Harry Senior joins the Sigmax class.

Sigma 135's has seen by far the largest influx of new members, with the majority from Caterham Motorsport, having competed during 2019 in the Roadsport and 270R classes. We also have two members who are starting their circuit racing with us, David Read and Myrton Wood.

A warm welcome to all our new members.

### **Discounted Membership available until the end of this month**

Join by 31<sup>st</sup> December and **save £50** with our "early bird" annual membership offers.

Full Membership – for those that wish to compete in one of four classes in the CGRC Championship.

**£245 until 31<sup>st</sup> December 2019, thereafter £295**

Trophy Membership – for those that wish to compete in the three race meetings (Silverstone GP, Donington National and Snetterton 300), for the CGRC Trophy.

**£145 until 31<sup>st</sup> December 2019, thereafter £195**

Flex Membership – this replaces the former guest arrangements and is open to drivers who have CGRC class specification cars AND current specification Caterham Motorsport cars from the Roadsport, 270R and 310R classes. Roadsport and 270R cars are eligible to race and compete for awards in the Sigma 135 class and 310R cars in the Sigma 150 class.

Join as a Flex Member at any time for **£50** and race when you want to / are able to at one or more meetings during the season, subject to space being available (PLEASE NOTE – priority is given to Full members at all rounds and Trophy members at all Trophy rounds).

To join the Club, follow this link - <https://www.cgrc.uk/enrolment.asp> - the benefits of the 3 types of racing membership are explained here - <https://www.cgrc.uk/info.asp?s=racing-membership>

If you have any queries about membership or issues / difficulties with using our on-line system, please contact the following: -

General Enquiries – Andrew Outterside 07831 451157 or [membership@cgrc.uk](mailto:membership@cgrc.uk)

On-line System – John Benfield – 07770 995395 or [competitions@cgrc.uk](mailto:competitions@cgrc.uk)

Payments – Peter Marsh – 07967 706363 or [treasurer@cgrc.uk](mailto:treasurer@cgrc.uk)

### **Book Now! - Pre-Season Track Day – Saturday 29th February 2020 - Silverstone National**

As before, Harry Cramer’s Torque Motorsport is running the day for us. If you wish to assure yourself of a place and obtain a discount on the normal cost, please make sure you book **before 1st January 2020**.

**CGRC Members** (along with Caterham Motorsport drivers) **only have priority until the end of this month**. Here’s the link to book: - <https://torquemotorsport.co.uk/book-online/> and here are the details of the day: -

The track day (please note it’s not a test day!) gives you the opportunity to shake down the car, take out family, friends and sponsors, or let them drive the car (in exclusive novice sessions). It also allows you to familiarise yourself with the circuit layout we will be racing three weeks later.

There will also be “taster” sessions for anyone thinking of starting racing with the Club. If you are interested please contact Andrew Outterside on 07831 451157 or [membership@cgrc.uk](mailto:membership@cgrc.uk) .

The price is **£235 if booked before 1st January 2020**, or **£250 thereafter** and includes: -

- At least 6 x 30-minute sessions (subject to weather and red flags)
- Free shared use of a garage
- Free additional drivers – just arrive on the day, but must attend the mandatory briefing
- Free passengers – just arrive on the day
- Free instruction (subject to availability) from an ARDS qualified instructor

If you have any queries please contact Harry Cramer directly on 01606 800 160 or email: - [info@torquemotorsport.co.uk](mailto:info@torquemotorsport.co.uk)

## Entry Fees and Race Entry Systems

We've finalised the arrangements for our six UK rounds, so can now confirm the following entry fees.

Triple Headers - Silverstone National / Anglesey International plus Silverstone GP – **£495**

Double Headers - Donington National / Snetterton 300 / Oulton Park International – **£445**

Entry fees will apply to Full Members for any race meeting and to Trophy Members for Trophy meetings.

An additional charge of £50 per meeting will apply to Flex Members entering any meeting and to Trophy Members entering any meetings other than the CGRC Trophy meetings (for 2020 the CGRC Trophy meetings are Silverstone GP, Donington National and Snetterton 300).

What's included in your Race Entry Fee?

- **“Free” Practice** – a 15-minute session at the start of the meeting to assist those that decide not to test the day before, or warm up your car for qualifying. For the Zandvoort GP meeting, we are looking at a total 75 minutes of practice / testing on the Friday (made up of 3 sessions of 25 minutes).
- **Qualifying** – a 20-minute session.
- **Double Header Races** – Race 1 20-minutes and Race 2 will be 25-minutes, with the exception of Zandvoort GP, which will be two 30-minute races.
- **Triple Header Races** – Race 1 20-minutes, Race 2, 20-minutes and Race 3, 25-minutes.
- **Refreshments** – for Member and guests on test and race days.
- **Catering** – for Member and 1 guest on race days\* (if required additional guest catering can be purchased in advance of the meeting). \*possibly not at Zandvoort

We are still finalising arrangements and costings for Zandvoort and hope to be in a position to advise the entry fee next month, along with details of a discounted ferry offer from StenaLine.

Full Members and Trophy Members will use the BARC on-line entry system for the five BARC rounds (so make sure you have joined BARC in order to access the system). BARC advise us that the entry system will be open “early in the New Year”. We will let you know when we are informed. Entries for the Anglesey and Zandvoort meetings will be via the CGRC on-line system. Should space be available, Flex Members will use the CGRC on-line system for all race entries.

In addition to joining the Club, Full and Trophy Members will need to join BARC as an annual racing member to race at any of the five BARC meetings. We understand the 2020 membership fee is £145. Flex Members racing at the BARC meetings can join as an annual racing member of BARC (as above), or pay for weekend membership on a race by race basis at a cost of £50 per weekend, when they submit their entry. The Membership Secretary at BARC is Angie Kew - 01264 882205 or email [membership@barc.net](mailto:membership@barc.net).

## Calendar

Although there is no suggestion of dates changing, please note our 2020 calendar is still provisional.

## Hard Wired Camera Offer

As you know, video cameras are mandatory under our Championship Regulations. Video is an essential tool for the Clerk of the Course, and for our own Driving Standards Team, in order to determine who (if anyone) was at fault in an incident.

You are just as likely to be exonerated by video evidence as you are to be damned by it!

In 2019 we've had numerous incidents of video footage not being available, resulting in the driver being liable for progressive financial penalties and (on the third offence) referral to the Championship Stewards.

Reasons for "no video" seem to come to down to one of four issues: -

1. Running out of battery – especially a problem for long, or delayed races
2. Camera in wrong mode – picture or time-lapse instead of video
3. Failure to start recording – not correctly turned on
4. Memory card full – not using a clean card

These issues can be solved by using a 'dash cam' rather than GoPro type 'action camera'. These are generally directly-wired, and can be set to come on automatically, either on power-on, or when the vehicle starts moving. They have 'loop recording' which means the memory cards will never run out, they just overwrite older recordings once the card is full.

The disadvantage, of course, is that car dash cams are not generally waterproof. However, it is possible to buy ones designed for motorcycles, which are either fully-waterproof, or have waterproof camera(s) and a remote recording unit which can be put out of the weather.

Innovv - <https://innovv.co.uk/> attended our Brands Hatch meeting in 2019, and fitted a test system to Barry White's car. Barry is very happy with the (dual camera) system and has now purchased the test system.

**Please Note – in view of the issues with action cameras, our 2020 Regulations will state that hard wired camera system is recommended. Hard wired cameras may be mandatory for 2021.**

They have two models available. The C5 system is a single front-facing camera and the K2 system has front and rear cameras, both recording to a central control module.

CGRC has agreed discounted prices for each system and they are as follows:

- C5 (Single) - £164.95 (normally £179.95)
- K2 (Dual) - £262.95 (normally £289.95)

Additionally, if we collectively purchase more than 10 systems there will be a further discount which the Club will refund to drivers (or donate to charity if you prefer).

Steve from Innovv suggests we order by phone to make sure he can discuss requirements and provide the most suitable options. Call on 0330 3333108 and quote "Caterham Graduates" for the discount. He can also supply SD cards with the systems e.g. 64GB at £15, 128GB at £25. You can get them cheaper elsewhere but buying them from Innovv guarantees known compatibility.

The cameras need a mounting system. Innovv (and Barry White) recommend the SMALLRIG clamp mount at £12.99 each - <https://www.amazon.co.uk/gp/product/B00SIRAYX0> . You may have an existing camera mount which will be suitable. Converters from GoPro type mounts to a tripod thread are readily available, e.g. <https://www.amazon.co.uk/dp/B07JPYNXCB>

To install the cameras, they normally require a switched (from the ignition) 12v feed, and an unswitched 12v feed (always on while the FIA switch is on). This is not too hard to install yourself and we are advised it would be "about an hour's labour" for a race team to fit for you.

Sample footage from the system is available on Barry's Vimeo channel <https://vimeo.com/344730248> . Remember that Vimeo (and YouTube) compress the video – the original footage is better quality than this.

Like all dash cams, the Innovv cameras record in chunks (configurable between 1 and 20 minutes). They can be easily stitched together in any video editing package, including the photos app in Windows 10, or QuickTime Player on the Mac (both free and installed by default). If you want to combine front and rear footage, or add data logging info, you may need a more sophisticated editor.

**PLEASE NOTE:** - there is currently an issue with the 2-camera system. If the power is turned off at the FIA switch without turning the ignition off first, the system may lose the last recorded chunk. Options are to record in smaller chunks so less is lost, or to install new firmware which uses a different file format that can withstand a loss of power. The new file format does not support GPS functions. We are working with Innovv to get a long-term fix for this issue, which does not affect the single-camera system.

*With thanks to Roger Ford – Sigma 150 (no. 21) – for putting this information together*

### **Thinking about racing with CGRC?**

If you are reading this and thinking about starting circuit racing and would like to discuss what's involved, sourcing a car, race kit etc, please contact us. We're experienced at introducing novices to the sport and many of our current members started racing with the Club.

If you are already racing and considering a change to a Caterham, please contact us for advice on the racing classes and sourcing a suitable car.

Taster Sessions - we have cars available at our pre-season track day for anyone looking at racing with CGRC in 2020 or 2021. If you would like to book a session please contact us.

Your contact is Andrew Outterside on 07831 451157 or [membership@cgrc.uk](mailto:membership@cgrc.uk) .

That's it for now, our best wishes to all for Christmas and the New Year.

CGRC Executive Directors

Barry White - [chairman@cgrc.uk](mailto:chairman@cgrc.uk)

Peter Marsh - [treasurer@cgrc.uk](mailto:treasurer@cgrc.uk)

John Benfield - [competitions@cgrc.uk](mailto:competitions@cgrc.uk)

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22<sup>nd</sup> December 2019

[www.cgrc.uk](http://www.cgrc.uk)