



# **AutoSolo and All Forwards Production Car Autotest**

**Sunday 4<sup>th</sup> December 2022**

**Aston Down**



## **EMCOS Winter Auto Solo**

EMCOS are very excited to offer you the opportunity to compete at Aston Down, a new venue for us all.



# EMCOS Winter Auto Solo

## AutoSolo and All Forwards Production Car Autotest

### 1. Announcement

EMCOS will organise a Clubman AutoSolo and All Forwards Production Car Autotest (PCA) on Sunday 4<sup>th</sup> December 2022, at Aston Down Business Park, Near Stroud Gloucestershire GL6 8GA.

Venue access from Cirencester Road between Frampton Mansell and Minchinhampton.

What3Words [///octagon.snowmen.compound](https://www.what3words.com/#!/octagon.snowmen.compound)

Enter via main entrance security gate and follow orange arrows to the service area.

**DO NOT deviate from the route that will be provided in the Final Instructions.**

### 2. Jurisdiction

The meeting will be held under the General Regulations of Motorsports UK (incorporating the provisions of the International Sporting Code of the FIA), these Supplementary Regulations and any written or verbal instructions issued by EMCOS.

### 3. Authorisation

AutoSolo – Motorsport UK permit No 128420

All forwards Production Car Autotest - Motorsport UK permit No 128421

### 4. Officials

**Clerk of the Course:** Jennie Stickland    email: [jenniesticland@gmail.com](mailto:jenniesticland@gmail.com)

**Entries Secretary:** Connie Leyfield    Tel: 01285 670749    email: [entries@emcos.co.uk](mailto:entries@emcos.co.uk)

**Secretary of Meeting:** Julie Richings    email: [emcosrally@gmail.com](mailto:emcosrally@gmail.com)

Please do not telephone officials after 21:00.

### 5. Eligibility

The event is open to members of the organising club

Plus the following clubs

- CMSGCC
- Cheltenham MC
- Cirencester CC
- 60 & Worcester MC
- Oxford MC
- Stroud & DMC
- Bristol MC

If you wish to enter but are not a member of an invited club, you are invited to join EMCOS for either a full price membership valid until 31<sup>st</sup> December 2023 for £10 (valid in 2022) or a discounted price membership for the remainder of 2022 for £3

### 6. Championships

This event is not part of any recognised Championship and will be run in accordance with D 4.5 from Motorsport UK Year Book 2022.

## 7. Entries

Online entries will open at 10.00 on Monday 7th of November 2022 using the following link:

<https://autotest.sapphire-solutions.co.uk/register.php?siteName=emcos>

and will close at 19:00 on Friday 2nd December 2022.

The entry fee is **£40.00 for either event.**

**Each entry will receive a £5 voucher to spend at Ljz café located next to the service area on the venue. Please do support the Café as they are opening especially just for this event.**

Entry fee payment must be made with a bank transfer to our EMCOS club account

**EMCOS Sort Code: 40 43 21 Account Number: 21671405**

**Entries will only be accepted once payment is confirmed.**

If new/renewal EMCOS Membership is required, please advise via email when you enter the event and add the membership fee to your payment when you enter the event.

Single membership valid until the end of December 2023 is £10.00 per person.

2022 membership for the remainder of 2022 is also available at £3.00 per person.

[Link to membership form](#)

The maximum number of starters for the event will be 40. The minimum is 10.

Entries will be selected on a first come, first served basis. Cancellations must be made in writing to the Entries Secretary by E-mail and must be received before the entry list closes at 19:00 on Friday 2nd December 2022. In such cases the entry fee will be refunded less an administration fee of £5. For cancellations after the closing date, refunds will be at the discretion of the organisers.

If the event is cancelled for any reason (including Covid-19 restrictions), entry fees will be refunded less any unavoidable expenses.

Final Instructions and details for electronic Signing-on will be emailed to all provided email addresses as soon as possible after entries close. Competitors will be asked to print their own maps and vehicle numbers

## 8. Classes

There will be only 2 classes, 'AutoSolo' and 'PCA'

### AutoSolo Class:

- i. Cars of any engine capacity, can be any production or specialist car, can be 2 or 4 seater.
- ii. AutoSolo – Cars must be road legal, have an MOT where applicable and must be driven to the event

### PCA Class:

- i. Cars can be trailered to the event but must be considered safe by the event scrutineer.
- ii. A MOT is not required but the vehicle, in the opinion of the scrutineer, must be in safe condition to participate in the event.
- iii. A passenger must be carried on all timed tests.

**For both classes 'drift cars' are not permitted**

**There is a 100dB noise limit at 0.5m from exhaust at 4500rpm for all competing vehicles**

## 9. Vehicles

- 9.1 Both petrol and diesel propelled cars are eligible for this event. However, we cannot accept any electric or hybrid vehicles due to the special safety and training requirements needed in the event of an accident.
- 9.2 As this is not a championship event cars do not need to retain the original panel and window materials. Cars do not need to have full trim and seats. The engine does not need to be of original manufacture and original basic type. The engine may be modified and may be of a different capacity to the original.
- 9.3 Cabriolet / Sports cars can compete without a hood or a fitted hard top.
- 9.4 Cars that are transported to the event are acceptable only for the PCA class.
- 9.5 The driver and passenger must wear a properly fastened and approved seat belt at all times during the tests, except where competing in a Period Defined vehicle [Non-Rally] categories A-F. [M21.4 Page 211].
- 9.6 A car may not be entered to compete for the same award more than three times and double or triple entered vehicles must be driven by different drivers.

## 10. Passengers

- 10.1 Passengers must be carried in the PCA and they must be in possession of a Motorsport UK RS Clubman Licence and a qualifying club card. In an open topped car, age qualifications apply.
- 10.2 Passengers must be carried in the PCA on all timed tests occupying the front seat alongside the driver. No other passengers are allowed.
- 10.3 Passengers taking part in the PCA event must comply with M16-16.5 page 224 with specific notice of Cabriolet / Sports cars with or without a hood or a fitted hard top.
- 10.4 The passenger in a Touring Car, or a Cabriolet/Sports Car **with** the hood erected or a hardtop fitted, must be aged 12 years or over and be at least 135cm in height. [M.16.4 Page 224].
- 10.5 The passenger in a Cabriolet/Sports Car **without** the hood erected or hardtop fitted must be aged 16 years or over and be at least 135cm in height [M.16.5 Page 224].
- 10.6 The PCA passenger can be a passenger only or a fellow driver. All passengers must be signed on for the event but it will be possible to change passengers between tests. If a driver does not have a passenger with them it will be appropriate to ask a fellow competitor from the same group.

## 11. Programme of the Meeting

Signing on must be completed electronically before midday on December 3rd 2022

Scrutineering will start at 08.00 and close at 08:45.

There will be a driver's briefing at 8.50 near the route start.

First test will start at 09:00, with an estimated finish about 16:00 due to shortened daylight hours.

There will NOT be a specific break for lunch.

**The onsite café will be opening especially for our use, please do make good use of it, each entrant will receive a £5 voucher for the café, (T&Cs: no change will be given, nor refunds if not used, can only be used on Dec 4<sup>th</sup> 2022.)**

**Please see menu on last page.**

## 12. Signing On

All Clubman competitors (drivers and passengers) must hold as a minimum a **Motorsport UK RS Clubman Licence**. This can be obtained at no cost by following the link <https://rsclubman.motorsportuk.org>

Membership to EMCOS is available.

The minimum age for drivers in the Production Car Autotest is 14. [M 22 a,b,c Page 225].

All signing on will be via electronic means in advance of the event and competitors will be asked to print their own copies of Test Diagrams, Vehicle Identification Numbers, Test / Marshalling running order and if required an entry list.

**No paperwork will be available on the day.**

Vehicle numbers must be displayed throughout the competition on both sides of the vehicle (in a rear window if available).

## 13. Requirements for Drivers without a RTA Licence

The PCA is open to drivers 14 yrs old and over who do not hold a valid, full RTA licence subject to Motorsport UK year book [M16 – M16.5, M17 a,b,c; M22 a,b,c page 224-225].

The vehicle must be by definition a 'touring car'.

Engine capacity must not exceed 2000cc including forced induction.

A passenger must be carried who holds a valid, full RTA licence, and be experienced in Autotests or AutoSolos.

## 14. Marshals

Competitors will be split into 2 groups. At any one time one group will be competing, the second group will be preparing to drive.

Groups will be identified on the entry list and start number.

All officials will be Judges of Fact to adjudicate on false starts, hitting cones and not following the correct course.

## 15. Scrutineering

All vehicles must comply with MSUK Technical Regulations.

For PCA vehicles a MOT is not required but the vehicle, in the opinion of the scrutineers, must be in safe condition to participate in the event.

## 16. Tyres.

The Tyres in list 1A are regarded by the Manufactures as STANDARD ROAD TYRES.

Tyres from the MSUK **Lists 1B and 1C** will **NOT** be eligible for AutoSolo events.

Tyres marked 'for competition use only', manufactured without a full tread pattern, or in an un-roadworthy condition will not be acceptable.

A list of 1A, 1B & 1C tyres can be found in the year book section L Pages 214 to 218

## 17. Tests

The event consists of all forwards tests, on sealed surfaces with competitors being provided electronically with a diagram for each test. The event will consist of a maximum of 3-test layouts applied to one test area. Time will be allowed to walk the course before the start of each test. Competitors will have three timed runs on each test with the best two runs to count.

The STOP signal may be displayed because of an obstruction on the course, whether this is object or personnel. A competitor must stop immediately on the deployment of the STOP signal and when told drive slowly back to the start.

If a test is stopped on the grounds of safety any competitor deemed to be negatively impacted will be allowed another run. Competitors causing an obstruction and forcing a rerun for others will not be allowed a rerun.

The START method and STOP signal [Red Flag] will be described in the driver's briefing.

The route to be followed on each course will be designated using cones supplemented by coloured cones laid on their side to show which side to pass each marker. Numbered boards will show the order in which each marker is to be passed. Course layouts will be available electronically before the day of the event. The separate start, finish and stop lines will be indicated on the course diagrams.

Timing will start when the front wheels cross the start line and stop when the front wheels cross the flying finish line. Competitors must then reduce speed and stop at the STOP line to obtain the time and return to the paddock at walking speed. Competitors failing to stop at the STOP line must park and walk back to the control to obtain their time.

## 18. Timing

On each test the timing marshal will verbally indicate to the driver that they are able to commence. The driver will then start in their own time.

Timing will be by hand-held phones utilising the Sapphire app at the Start and Finish. Timing will be in Seconds to the previous tenth of a second (1/10<sup>th</sup>).

Results will be determined discarding the worse time recorded on each test.

Where there is a tie the result will be determined by the aggregate of the first runs over each test, then the aggregate of the second runs over each test etc until the tie is resolved.

To be classed as a finisher, a competitor must start at least two runs at each tests bar one i.e. if there are four tests, a finisher must attempt at least two runs of each of the first three.

Time cards will not be used on this event. The timing marshal will be transmitting each competitor's time electronically direct to the results co-ordinator. No paperwork will pass between the marshal and the driver.

## 19. Penalties

The following penalties will be applied.

Maximum time is the quickest time in class for that test plus **30** seconds.

- |    |  |                                      |
|----|--|--------------------------------------|
| 1] | Failure to signing on.   | Exclusion                            |
| 2] | Taking an incorrect route on any test  | Fastest class time + 30 seconds (WT) |
|    | [however, returning to the point of departure from the correct route and then completing the correct route, so long as the correction does not impede the next car, <b>will not</b> incur a penalty] |                                      |
| 3] | Striking a direction barrier or test division  | +5 seconds                           |
| 4] | Striking a cone  | +5 seconds                           |
| 5] | Missing a run or test  | Fastest class time + 30 seconds (WT) |
| 6] | Reversing back after failing to stop at the stop control   | Exclusion                            |
| 7] | Not wearing seatbelts [if fitted] during a test  | Exclusion                            |

## 20. Results and Awards

Provisional results will be published on the timing App as soon as possible following the end of the event, and declared final after 30 minutes as in D26.1.1. Protests and Queries must be lodged in accordance with C 5.1 to 5.7

There will be an Awards Ceremony, with provision for any Covid-19 restrictions

We will be giving awards as follows:-

- First Driver from 'AutoSolo Class'
- First Driver from "PCA Class"

- Best Junior Driver (aged 17 or under at date of the event)
- No competitor may win more than one award.

## **21. Toilets and Fuel**

- Ljz Café have very kindly opened for us and have allowed us to use their toilet facility. To show your appreciation for this facility, please do spend your money at the Café!! ☺ (Voucher given to each entry)
- No fuel will be available to purchase on the venue

ALL REFERENCES TO REGULATIONS REFERRING TO THE MOTORSPORT UK YEARBOOK CAN BE FOUND AT

<https://www.motorsportuk.org/wp-content/uploads/2021/12/BB-2022-low-res-complete-June-2022-5.pdf>

## **About All Forward PCAs**

An All Forwards PCA consists of a number of timed tests, on hard surfaces.

The courses don't require special manoeuvres like spin or J turns and their design and marking are intended to make the routes easy to follow.

Compared to a normal autotest, speeds tend to be a little higher and the test's will be longer. Cars will start at timed intervals and there will be two or more cars on the course at the same time. Competitors may also act as course marshals on a rotating basis.

Some tips for first timers,

- Increasing tyre pressures by 5-10 psi will help with turn in and reduce wear.
- Learn the course. Don't go flat out and make a mistake on the first run.
- If you make a mistake drive the rest of the course properly. You are still learning
- Talk to regular competitors for advice.
- ENJOY YOUR DAY.





## LJz Cafe

Phone orders welcome - 07748 996584  
Cafe open 8.30-2.30 (last orders 2pm please)

Freshly baked savoury pastries are available  
(sausage rolls, pasties, turnovers etc)

### Hot Drinks

Coffee	£1.00
Tea	£1.00
Latte	£1.50
Cappuccino	£1.50
Mocha	£2.00
Americano	£1.50
Hot Chocolate	£2.00

Homemade cake available.  
Cold drinks, crisps, chocolate and snacks also available

Buffets catered for,  
please contact for availability (sandwich platters etc)



Find us on Facebook: LJz Cafe at Aston Down



## LJz Cafe

Phone orders welcome - 07748 996584  
Cafe open 8.30-2.30 (last orders 2pm please)

### Breakfasts

Small - 1 egg, 1 bacon, 1 sausage, 1 hash brown,  
1 black pudding, beans or tomato, toast or  
fried slice, and tea or coffee £6.50

Large - 2 eggs, 2 bacon, 2 sausage, 2 hash browns,  
2 black pudding, beans or tomato, toast or fried  
slice and tea or coffee £8.50

Extra breakfast items available by request

### Hot Rolls/Sandwiches

Bacon:	£3.50
Sausage:	£3.50
Bacon or Sausage with egg:	£4.00
Bacon or Sausage with mushrooms:	£4.00
Bacon, Sausage and Egg:	£4.50

### Light Bites

Egg on Toast (scrambled or fried)	£3.00
Beans on Toast	£3.00



## LJz Cafe

Phone orders welcome - 07748 996584  
Cafe open 8.30-2.30 (last orders 2pm please)

### Everyday Classics

Ham, Egg & Chips	£6.00
Sausage, Egg & Chips	£6.00
Sausage, Chips and Beans	£6.00

Chips	£2.50
Cheesy Chips	£3.00
Chips with curry sauce or gravy	

Omelette:	
1 Filling:	£4.50
2 Fillings:	£5.00

### Burgers

Beef Burger	£3.50
Cheese Burger	£4.00
Bacon Cheese Burger	£4.50
Veggie Burger	£3.50
Chicken Burger	£3.50

Add chips for £2.00 extra  
Onions and salad available on request



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### Sandwiches

Cheese	£3.00
Cheese Salad	£3.50
Cheese & Ham	£3.50
BLT	£3.50
Ham	£3.00
Ham Salad	£3.50
Tuna Mayo	£3.00

### Jacket Potatoes

Plain/Butter	£3.00
Cheese	£3.50
Cheese & Beans	£4.00
Tuna Mayo	£4.00
Tuna & Cheese	£4.50
Extra fillings	£1.00