

# VAG Cup

## 2024 Regulations



### 1. INTRODUCTION.

The following regulations are set out in accordance with the Classic VW Cup (CVWC) specified format and it should be clearly understood, if the following text does not clearly state you can do it, you should adopt the principle that you cannot.

Anything that is not explicitly authorised in writing by the CVWC series technical committee and anything that is not specifically either in these regulations or in any official series bulletin is therefore strictly forbidden and will be regarded as a breach of series regulations and will be dealt with accordingly.

### 2. SERIES DESCRIPTION.

The VAG Cup is a class within the CVWC series (Motorsport UK Series Certificate RS2024/060) and based on all V.A.G group vehicles, any age any size.

Based on a strict power/weight ratio of up to 270bhp/tonne, to be measured at the flywheel, and weight to be measured as you would intend finishing a race with car and driver combined.

The regulations have been tailored to keep costs sensible, racing close and most of all, fun!

Trophies will be awarded up to third place overall.

At any point as requested by the CVWC, competitors may be asked to provide a current rolling road printout of the flywheel power being produced by the car in race trim. It is also your own responsibility to ensure that your car weight is relevant to the applicable 270bhp/tonne class requirement. Failure to provide this information, could lead to disqualification from race results.

### **3. CLASS STRUCTURE.**

There is only one VAG Cup class, all based on power/weight up to 270bhp/1000kgs.

So, for example a 1200kg car could run  $324\text{hp} = 1200 \times 0.27 = 324\text{hp}$   $800 \times 0.27 = 216\text{hp}$  ..And so on...

DOG GEARBOXES will carry a 30kg weight penalty.

The organisers reserve the right to accept entries from competitors using a vehicle that may not strictly comply with the technical regulations but comply with the spirit of the series. Any such entries will be placed into an Invitation Class – no awards will be provided for the Invitation Class.

### **4. TECHNICAL CHECKING.**

A pre-season power test (recommended to be through Ricci concept) is required to declare vehicle power. Other Rolling Roads can be used, but if a subsequent power check finds the car to be over 270bhp/tonne, this may result in exclusion from race results.

Any scrutineer appointed by the CVWC will reserve the right to test, inspect or seal any components it sees fit and demand power checks at its rolling road of choice at any point during the season or at an event. CVWC shall not bear any of these costs whatsoever.

Any breach of these regulations will be reported to the clerk of the course and may result in disqualification.

Any item sealed by a Motorsport UK licenced scrutineer must remain sealed and may not be tampered with in any way shape or form until technical checks have been completed and cleared, and a written note received by the CVWC eligibility scrutineer to remove the said seal. Sufficient holes should be created by driver in bolt heads/studs for the provision of lock wire to be passed through, cam covers/ sump/ gearbox /Ecu plugs.

Should any car deem to differ from the CVWC technical regulations in any way shape or form the series organisers reserve the right to restrict the car in any ways it deems fit. Guest competitors may take part in and Invitation Class (at the organisers discretion) but take no podium positions or class awards.

Any suspicion of failure to comply by another competitor must be made official by means of lodging a protest in accordance with Motorsport UK Regulation Q.5.1

### **5. DATA LOGGER.**

CVWC reserve the right to fit the club data logger at any point throughout the meeting to monitor parameters of its choice.

### **6. JUDICIAL CAMERA.**

All cars must carry a forward-facing judicial camera at all times whilst on track and be able to provide footage upon request. Failure to do so may result in a penalty being applied by the Clerk of the Course, including by limited to disqualification from the meeting.

## **7. REGISTRATION.**

Registration form must be completed via the link on the CVWC website [www.classicvwcup.com](http://www.classicvwcup.com)

A power declaration must be attached or sent to CVWC along with vehicle weight in race trim (driver included). Failure to provide declaration and the car will be placed in an invitation class.

Registration fee of £60 to be paid by bank transfer before the first meeting (account details given upon request).

No driver will be awarded trophies or recognised as a VAG Cup/CVWC competitor without this fee being paid in full prior to the meeting.

## **8. SAFETY.**

Safety rollover structure must comply with current Motorsport UK 2024 section K regulations on all points.

It is the competitor's responsibility to comply fully with these regulations.

Interior trims may be removed for fitment of roll over structures.

Cars running non steel doors must run double door bars, crossed or parallel in the door aperture.

## **9. FIRE EXTINGUISHERS.**

All vehicles must comply with current 2024 Motorsport UK regulations.

## **10. CIRCUIT BREAKER.**

All cars must comply with current Motorsport UK regulations.

Mechanical or electrical isolators are permitted.

The battery must be fully isolated once isolator is activated.

There must be an outside and inside means of isolating the battery and a sticker to indicate the isolator at either point.

## **11. LIGHTING SYSTEM.**

All cars must have working rear facing tail lights and one centre rain light or an equally matched pair. Brake lights to be operational at all times.

Any form of forward-facing light is acceptable (not necessarily an OEM headlight) headlamp blanks are permitted.

## **12. SEAT/MOUNTS/BELTS.**

All seats must conform to current 2024 Motorsport UK regulations and be in a clean, safe and secure condition at all times.

All seat belts must be in date and free from any form of contamination and be in a serviceable condition at all times, if in any doubt refer to Motorsport UK yearbook.

Seat belt retaining clips must be secured with either a small split pin or lockwire.

### **13. RACE WEAR.**

Must be presented in a clean, undamaged condition and all clothing in date.

It is strongly advised to wear fully flame-retardant underwear and balaclava.

It is mandatory to wear a crash helmet, FHR, gloves and boots as a bare minimum at all times whilst on track. See 2024 Motorsport UK yearbook if in any doubt.

### **14. CHASSIS.**

The chassis as produced by the manufacturer with the original material must be retained in all aspects, in respect of material, thickness and contour.

Lightening or reducing of chassis member strength is strictly prohibited.

4WD chassis may be converted to 2WD subject to written approval from CVWC.

Seam welding is permitted.

Towing eyes must be fitted front and rear, ideally one each corner and be made up of metal wire construction and be contrasting in colour to the vehicle, see Motorsport UK 2024 yearbook if in any doubt.

### **15. BODYWORK AND DIMENSIONS.**

General.

The exterior of the car must be immediately recognisable for the model being raced.

Wide body kits are permitted, for example: -

Beetle cup cars

Seat supacopa

Berg cup

Original VW cup kits

ABS motorsport kits

IF IN ANY DOUBT contact CVWC

It is only permissible to make holes in panels for the passage of cables, fuel, oil, hydraulic or fire suppressant lines.

All redundant holes to be covered with a non-flammable material.

Bulkhead firewall must be sealed from any potential passage of fire.

Minimum ride height/ ground clearance is as per Motorsport UK reg Q13.1.2

## **16. INTERIOR.**

All interior trim may be removed, if interior door trims are removed, they must be replaced with neatly covered sheet material of a non-flammable material and there must be no sharp edges visible.

The driver's door window must remain operable by the driver when sitting belted into the seat, or in the case of plastic windows must have an aperture large enough for the driver to be able to make hand signals, if in any doubt refer to 2024 Motorsport UK yearbook J5.20.8

Interior rear-view mirror must be fitted.

A means of demisting windows must be fitted and operational at all times.

Any form of airbags MUST be removed.

## **17. EXTERIOR.**

Fog, spot, sidelight, indicators and headlights may be removed and replaced with blanks or ducting but you must have some form of forward-facing light, rear light, rain light and brake lights.

Plastic windscreens are not permitted.

Composite roof panels are permitted, if combined with the correct safety roll over structure, see Motorsport UK 2024 yearbook.

Additional composite panels are permitted with written permission from CVWC

It is permissible to modify inner wings for tyre /driveshaft clearance.

It is permissible to shorten wheel arches back to the first swage line or 20mm if there is no visible swage line.

Shortened arches must be welded to inner arches or folded back ensuring no sharp edges.

Side and rear windows may be made of plastic and comply with 2024 Motorsport UK yearbook.

Ground clearance will be measured with driver on board with full race apparel on, including any ballast incurred.

## **18. ENGINE.**

VAG Cup regulations are based on power output of 270bhp/tonne.

Power is taken as a flywheel measurement.

Vehicle weight is taken with driver in full race apparel and any incurred ballast as you would intend finishing a race. (low fuel)

Engine swaps are free.

Engine swaps must be from the VAG group.

Other swaps may be permitted subject to CVWC approval.

#### **CYLINDER BLOCK.**

Free

#### **CYLINDER HEAD.**

Free

#### **LOCATION.**

Engine must remain in OEM position.

It is permitted to use solid/poly mounts.

Any other mods would have to be approved by CVWC.

### **19. OIL/WATER COOLING.**

Free

### **20. INDUCTION.**

All forced induction petrol cars must retain the OEM turbo housing for the model being raced, unless listed in the table below.

1.8t may use hybrid OEM K04 turbocharger.

2.0 tfsi may use OEM K04 or hybrid K03.

Tsi may use OEM IS20 turbo only.

Tdi may use any turbo but adhere strictly to the power/weight limits set out.

VR6 12v N/A = free

VR6 24v N/A = free

8v/16V N/A petrol =free

G60=retain OEM G-lader but it is permissible to uprate the supercharger.

### **21. IGNITION SYSTEM.**

Free

## **22. FUEL DELIVERY SYSTEM.**

Number of pumps and location of fuel tank is free, however it must comply with Motorsport UK 2024 yearbook safety requirements.

Only pump fuel is permitted (max 99 ron/std diesel)

## **23. EXHAUST SYSTEM.**

Exhaust system and manifold are free but must conform with 2024 Motorsport UK yearbook regulations.

Side exit exhausts are permitted so long as the exit point is past the midway point of the vehicle.

It is prohibited to pass any part of the exhaust system through the driver compartment.

## **24. SUSPENSION.**

Suspension must be controlled to avoid fouling of wheels on chassis or bodywork as detailed in the Motorsport UK 2024 yearbook J5.5.2.

No modifications allowed to suspension pick up points, bar cutting the top domed cover off front top mounts to facilitate the fitment of camber adjustment top mounts.

If in any doubt consult CVWC before you modify anything.

No material to be added or removed or deformation to wishbones, uprights or hubs other than for the fitment of spherical bearings.

Golf mk1 platform may use tubular wishbones.

SEAT sport cars may use SEAT sport wishbones/uprights as supplied by SEAT sport.

All other platforms must use OEM wishbones/uprights.

It is permissible to use any OEM suspension part from the VAG group on any vehicle.

### **24.1 BUSHES.**

Free

### **24.2 SUSPENSION COMPONENTS.**

Free

### **24.3 SPRINGS.**

Free

### **24.5 SHOCK ABSORBERS.**

Free

### **24.6 ANTI ROLL BARS.**

Free

## **25. TRANSMISSION**

Sequential gearboxes are prohibited.

LSD is permitted.

Any shift linkage/system is permitted.

DSG gearboxes are permitted.

DSG remapping is permitted.

Driveshafts are free.

Dog engagement gearboxes carry a 30kg weight penalty.

Any form of launch control is prohibited, unless fitted as standard for the model being raced.

## **28. ELECTRICS.**

Free

### **28.1 BATTERY.**

Battery must be capable of performing multiple starts.

Position/type is free so long as it conforms to Motorsport UK 2024 yearbook.

Earth side of the battery terminal must be clearly marked yellow.

### **28.2 CHARGING CIRCUIT.**

Must be working at all times whilst on track and be capable of charging the fitted battery.

## **29. BRAKES.**

Carbon ceramic brakes are prohibited.

ABS systems are permitted if fitted as standard.

Brake bias valves are permitted.

Disc size and calliper choice is free.

## **30. WHEELS/TYRES.**

Road wheels up to 10" in width are permitted

Split rims are not permitted

Studs or nuts are permitted

Road wheels must be fitted to the hub by the OEM method of fixing (no centre locks)



Dry tyre must be the control Nankang AR1

Wet tyre can be any full race wet or any list 1a/b/c tyre.

### **31. STEERING.**

Steering rack is free.

It is permissible to swap from hydraulic to electric or electric to hydraulic systems.

Power steering may be added or removed.

Steering locks must be removed and rendered inoperative.

### **32. VEHICLE WEIGHT.**

The provision of a power to weight system is to equalise driver/vehicle combinations and keep a fair playing field, weight can be added or retracted throughout the season to keep this balance sensible.

Vehicles can be weighed at any point in the meeting or season and must comply with the stated power/weight on the original registration forms provided, failure to comply can result in disqualification.

Vehicles can and will be weighed randomly throughout the season to ensure a level playing field.

#### **32.2 SUCCESS BALLAST.**

A weight penalty of 20kg will be added to outright race winners, which must be carried over to the next race meeting, for one meeting only (unless said competitor wins again).

Ballast to be supplied by the competitor and will be based on the weight at which you finished the last race. Ballast to be mounted in a safe, secure manner.

### **33. NUMBERS/DECALS.**

Race numbers shall be placed in the rear side windows where at all possible, if not, must be black numbers on a white background of the same sizing and be:

Minimum of 200mm high, stroke width of 20mm Coloured reflective yellow

Race number should also be fitted to the windscreen:

Minimum of 150mm high and be no lower than 50mm below the VAG Cup sunstrip and 50mm from the edge of the screen, this also must not impair the driver's view.

All CVWC sponsor decals must be displayed at ALL TIMES to be eligible for class trophies/race results to be binding.

Failure to display series decals may result in disqualification.

Non CVWC /VAG Cup/BRSCC decals must be covered up whilst on BRSCC/VAG Cup grid.

One set of decals will be supplied to each competitor each year, extra decals throughout the year will be chargeable to the competitor.