



## Driver Information – 2021 Regulation Changes

### DRAFT – ALL REGS ARE PROVISIONAL PENDING MOTORSPORT UK APPROVAL

#### New Modified category for 2021

- This category will only be eligible for category points in 2021, and not for the overall BTRDA Championship whilst the number of competitors within the category grow.

#### Modified Regulations

The below shows the 'key' elements of the Modified regulations but they are NOT the full set. The draft regulations will be available soon.

**1.5.1.a** - Modified cars open to cars of rigid construction that are 2-wheel drive, front wheel drive, two or four seater cars that must that comply with these regulations in their entirety. Space framing of chassis in any way is not permitted

**1.5.1.b** - The Modified cars permitted are: Modified cars with engine capacities of up to 2050cc, forced induction IS permitted.

**4.5.4.b** - The exterior of the car MUST remain as standard With the exception of the following items: bonnet, doors, boot lid and wings which CAN be replaced with a lighter material but must be of the same thickness as the original. It is permitted to fit guards to engine sump and fuel tank. Any guards may protect but NOT strengthen. It is NOT permitted to reinforce the bumpers or their mountings.

**5.5.4.d.** - Must have a windscreen as N.6.2.4 and J.5.20. All side and rear windows MUST be replaced with polycarbonate of minimum 4mm thickness

**5.5.5.a** The engine and gearbox must be as originally fitted as original equipment to the make and model of car and be in the original location. The car can ONLY have forced induction fitted if it was originally fitted to the specific engine for the make and model of vehicle being used.

**5.5.5.b** Pistons must be unmodified standard production or approved replacement pistons subject to a maximum oversize of +0.5mm. (even if this increases the capacity beyond 1400/1600/2000) Competition pistons are prohibited. Stroke must comply with Manufacturer's original specification. Material may be removed from the skirt area only for balancing purposes. In this case ONE piston must remain unmodified. Cams can be upgraded however no cylinder head work can be done

**5.5.5.k** The ignition, engine management system and wiring CAN be replaced with an aftermarket option, stand-alone engine management CAN be fitted. Rev. limiters may be fitted or removed. Spark plugs and ignition leads are free. It is NOT permitted to add additional ignition systems. The ignition system must not perform any functions not intended by the manufacturer. 3D Management systems are not permitted

**6.5.6.b** Torque bias and limited slip differentials ARE permitted.

**6.5.6.d** Upgraded drive shafts ARE permitted

**7.5.7.a** It is permitted to fit non-standard shock absorbers and springs provided that they mount onto the body at the standard suspension mounting points. Multi adjustable and/or remote reservoir types ARE allowed

### **BTRDA Limited**

Registered in England & Wales No. 4185808

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**7.5.7.b** The ride height may be altered. Adjustable spring platforms are permitted

**7.5.7.c** It is permitted to fit up rated bushes to the suspension, rose type joints ARE permitted

**7.5.7.d** It is permitted to fit, remove or up rate anti-roll bars, rose type joints ARE permitted

**d.5.7.e** Camber must at all times be no more than 3 degree more or less than the original manufacturers specified figure. Competitors must be able to provide manufacturers data to prove the original camber of their car.

**8.5.8.d** Handbrakes systems are free and Hydraulic systems are permitted including the fitting of a vertical handbrake

**5.5.13.b** The original fuel tank may be replaced by another provided it is located in the original location OR as per 5.5.13.c. Fuel lines are free and consideration should be given to the route taken and materials used to minimize any likely damage and reduce the danger of fire.

**5.5.13.c** An alloy fuel tank, maximum capacity 5 litres, fitted with fuel tank foam may be fitted inside the engine compartment.

**5.5.13.d** Should the fuel tank be installed in the boot and the rear seats removed, a fireproof and liquid-proof bulkhead must separate the cockpit from the fuel tank.

**5.5.13.e** The tanks must be protected effectively and securely attached to the shell or the chassis of the car.

**5.5.13.f** The use of safety foam in tanks is recommended.

Tyres are free for 2021, however MUST be from Motorsport UK tyre list 1a,1b,or 1c. 2021 will act as a transition year to allow competitors to make use of remaining tyre supplies. From 2022 onwards, the controlled tyre manufacturer will be Cooper Tires. The only permitted tyre for use for 2022 onwards will be the Cooper branded RS3-R.

The exhaust system is free but it MUST exit from the rear of the car.

The minimum weight including driver is 1000kgs.

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