

Nippon Challenge: 2019 Technical Regulations

1. Introduction

The following technical regulations are as set out in accordance with the **Motorsport UK** format and it should be clearly understood that unless it says clearly that you CAN DO IT, you should work on the principle you CANNOT. Whilst every effort has been made to ensure the information is accurate it is the driver's responsibility to ensure their car meets **Motorsport UK** Blue Book regulations in all matters, particularly on safety.

Note: In all instances where the series regulations state options are "free", all variations and modifications must be done in accordance with **Motorsport UK** Blue Book regs.

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2. Description

Japanese cars and other Asian brands may be permitted subject to the organiser's approval. Whilst we want to attract the widest variety of cars and specifications to the series, the promoters reserve the right to not accept cars it does not think are within the spirit of the challenge.

3. Safety

Drivers should ensure that both they and their cars conform in every way with the **Motorsport UK** Blue Book with specific regard to safety matters, You are particularly drawn to though not exclusively to the installation of roll cages and specified material, race seats, extinguisher, cut of switches, rain light and your race clothing.

4. Chassis

Must be based on production model and recognizable as such, but can be stiffened with cage, strut braces etc. Poly bushing allowed. No space frames allowed.

5. Car - Exterior

Must retain as near a possible its original silhouette and be recognisable as the model entered, though it can be modified with additions such as aftermarket bodywork modifications, wings etc., as long as they conform with **Motorsport UK** Blue Book regulations. Panels and glass may be replaced with alternative materials. e.g. carbon, glass fibre or lexan or similar subject to any blue book restrictions.

6. Car - Interior

Driver's seat should be replaced [with approved race seat] and passenger seats plus all interior trim can be removed, though it is recommended that you retain heating/demisting equipment. Glass sunroofs must be removed and replaced with a suitable material in accordance with **Motorsport UK** Blue Book regulations as may door cards. All cars must be fitted with a minimum **Motorsport UK** approved roll cage.

7. Ground Clearance

It is permitted to alter the ride height but car must be no less than minimum prescribed for saloon car racing from the ground to body work including any added aero in race trim with driver, stationary or moving.

8. Engine

Must be based on production unit from manufacturer of model to be raced, otherwise free. e.g. engines from an alternative model but same manufacturer may be used. Please note the Motorsport UK Blue Book requirements for catalytic converter on later models.

9. Suspension

Must be of original design. Alternative dampers/springs allowed rates free, alternative wishbones links allowed. Rose joints allowed, bush material free. Hubs/uprights to be of original design, mounting points must be original.

10. Transmission

Must be based on production unit from manufacturer of model to be raced, otherwise free. No conversion from 2WD to 4WD or FWD to RWD or similar allowed. Driver aids such as traction control/launch control etc., only permissible if original fitment in the production car. No sequential boxes.

11. Lighting

Must conform to minimum Blue Book requirements, otherwise free.

12. Brakes

Free.

13. Wheels/Steering

Free.

14. Tyres

Allowable tyres are any **Motorsport UK** Blue Book listed /approved treaded tyres. Slicks strictly prohibited. No re-cutting, re-grooving or in any way modify the tread pattern is allowed.

15. Racing Weight

The minimum weight for a car/driver/residual fuel combination, subject to be weighed at random throughout the season. Power taken at the flywheel eg GT300 max 300 BHP.

Class A: GT300/1100kg

Class B: GT250/1050kg

Class C: GT200/1000kg

Class D: GT150 /950kg

16. Fuel Tank/Fuel

Tank type/location free as long as it conforms to **Motorsport UK** Blue Book regulations.

Fuel only in accordance with **Motorsport UK** Blue Book regulations and to be pump fuel with no additional additives allowed.

17. Silencing

All cars to comply with current **Motorsport UK** regulations.