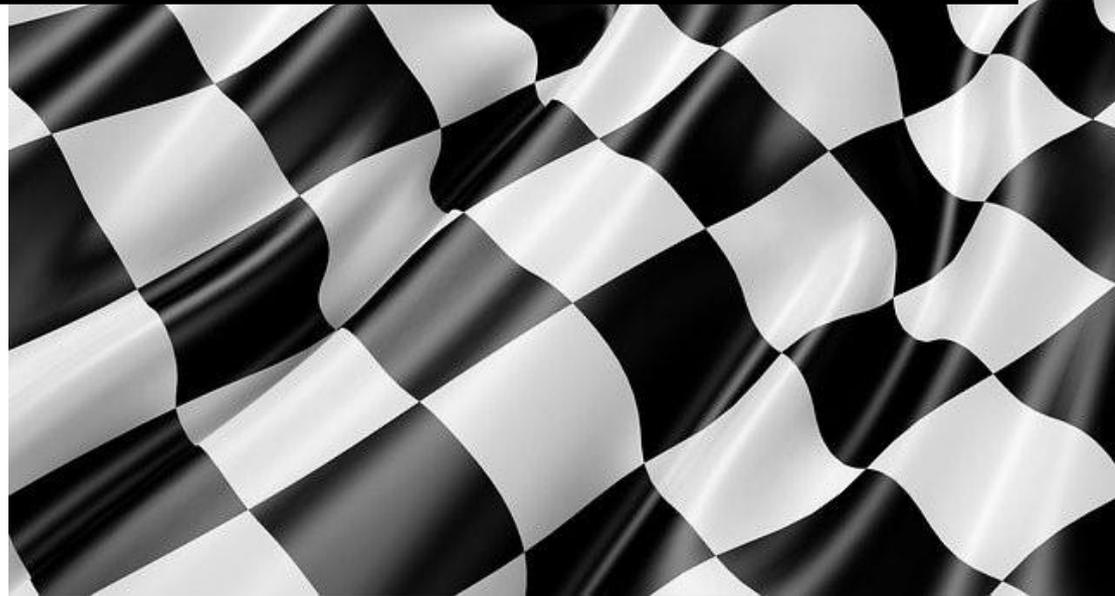




2021

Technical Regulations

Northern Regions HRSA Historic Production Car Club Championship



Version 1

1 January 2021

Ref: 162388

REVIEW AND AMENDMENTS

Motorsport South Africa (MSA) will periodically review these rules and will present the revised version to all members for agreement to publish the updated version.

Amendments and updates to the rules will be recorded in the Amendment Record, detailing the updated version, date of approval of the amendment and a short summary of the amendment.

AMENDMENT RECORD

<i>Modified SSR / Art</i>	<i>Date Applicable</i>	<i>Date of Publication</i>	<i>Clarifications</i>

1. Eligibility of Competitors:

- 1.1 The cut-off date is at the discretion of the HRSA and the Historic Production Car Committee (HPCC) and is agreed to be 1996.

2. Engine

- 2.1 Engine blocks must be of the same manufacturer type and period as originally fitted on the race vehicle. Aluminum cylinder heads of the same type with the same intake port, exhaust port and valve angle proximity may be used if the original material was cast iron. If the original type of engine is not available any longer, application may be made to HPCC for considering of a suitably substitute period production block.
- 2.2 Engine must have the same amount of cylinders. The cubic capacity must be as originally raced unless permission has been granted by the HPCC and is recorded in the HTP as original capacity and current capacity.
- 2.3 The camshaft positioning and the number of valves must be the same as the original car.
- 2.4 No electric engine management system is allowed unless it was originally fitted.
- 2.5 Car must have an electric cut-off switch that can be operated from inside and outside the vehicle capable of stopping the engine at 3000 rpm.
- 2.6 The clutch and the method of operation are unrestricted.
- 2.7 Weight of the car must be the same as originally raced.

3. Gearbox:

- 3.1 Gearboxes must be original type fitted and may have no more than five forward gears, an application may be made to HPCC for consideration of a similar replacement gearbox.

4. Rear axles / Differential:

- 4.1 The location of the differential is as per the original vehicle.
- 4.2 The type of axle / differential may be replaced by a similar type of axle after receiving written permission from the HPCC.
- 4.3 Gear ratios and final drive ratios are free and any type of limited slip differential unit may be used.

5. Wheels and tyres:

- 5.1 Rim diameter size must be the same size and type as was fitted to the vehicle when it was originally raced. If the original size rim is not available or tyres to fit the original rim size, then written application can be made to the HPCC for consideration of a suitable substitute. A maximum of sixteen inch diameter will apply to all vehicles.
- 5.2 The specifications on tyres are free.

6. Brakes:

Brakes are free.

7. Body work:

- 7.1 The body work may not be altered in any way and must remain as cars were originally raced.
- 7.2 No carbon fibre body parts allowed.
- 7.3 Plastic polycarbonate or Lexan may be substituted for glass (5mm minimum thickness).
- 7.4 All lights and indicators need to work, where applicable.
- 7.5 Brake lights are mandatory and must only be operated by the brake pedal, no other devices are allowed.

8. General Technical Regulations:

- 8.1 Tow hooks must be fitted to the front and rear of the car and clearly marked "TOW"
- 8.2 The exhaust system is free subject to MSA GCR 245 Silencing of Vehicles.
- 8.3 Fuel must conform to the specifications as described in GCR 240.
- 8.4 Only timing devices with a single pick up point triggered at the start finish line may be used.

- 8.5 Cars must comply with current General Competition Rules and Regulations (GCR's) as specified in the MSA handbook.
- 8.6 Cars must be fitted with a roll cage in compliance with MSA GCR 239 requirements, unless not originally fitted, an indemnity form must be signed.