

## WEMSA 2019 CONSTRUCTION RULES

**Rules which may have an impact on the drivers' scores are in bold**

**If a driver fails scrutineering because he has broken these rules, a warning will be issued after the first offence. After the second offence, the heat driven will be annulled by scrutineers (a minimum of 2) if they come to a consensus.**

**During qualifications, if a driver fails scrutineering because he has broken rules which aren't in bold, a warning will be issued after the first offence. After the second offence, 10 laps will be deducted from the heat score. Scrutineers (a minimum of 2) if they come to a consensus, will have the final decision.**

**During finals, if a driver fails scrutineering because he has broken rules which are in bold, Heatscore will be annulled.**

**During finals, if a driver fails scrutineering because he has broken rules which aren't in bold, 10 laps will be deducted from the heat score. Race committee will have the final decision.**

**Repeatedly using the barrier to turn the corner to gain an advantage, heat score will be annulled.**

### CONSTRUCTION RULES

- Models are to be 1/8th scale and a reasonable reproduction of a full-sized stockcar (note: 'reasonable reproduction' means bodysell must not have wheel covers or extend over side bumpers). The drivers' full name and racing number must be on the outside of the cars' bodysell
- Overall length to be between 41cm and 45cm**
- Overall width to be a maximum of 21cm-24cm**
- Maximum weight of car to be 4.0Kg. Minimum weight of car to be 3.5Kg. Weight to be taken as ready to race with a full tank of fuel. In wet weather condition 4.2Kg will be permitted**
- Front and rear bumpers must be fitted and with a touching surface of between 10mm to 20mm. **The distance between the bumper underside and the ground must be 30mm minimum and 45 mm maximum.** All bumpers, chassis and rails must be plugged, filled and have no sharp edges (including antenna).
- Overbumpers must be fitted to front and rear bumpers. The height from the top of the bumpers must be 5cm maximum for both front and rear and 1.5cm minimum.
- Side bumpers must be on the same level as the front and rear bumpers and have a touching surface of 6mm minimum to 20mm maximum.
- Tyres may have a maximum width of 35mm.**
- The maximum engine size is 3.5 cc or 0.214Cu Ins of single cylinder construction.** Any driver may challenge the capacity of any competitor's engine. The challenger must pay a deposit of £70 (100 Euro) to WEMSA. If the challenge fails then the deposit is retained by WEMSA, if the challenge is positive then the deposit is returned to the challenger, and the guilty driver will be disqualified from all WEMSA events for LIFE.
- The engines must be silenced to Rule below .  
The limits will be
  - In Holland - 80dB at 7 metres or 100dB at 1 metre at 1 metre high
  - In United Kingdom - 80dB at 10 metres or 100dB at 1 metre at 1 metre highAll parts of the exhaust system must be inside the bodysell or under the car.
- 11A.** The chamber (can) of the exhaust system must be contained between 2 vertical lines taken on the outer side of the chassis tubes at the point where the swinging arms touch the chassis.
- 11B** The exhaust outlet pipe must point downwards to the track surface.

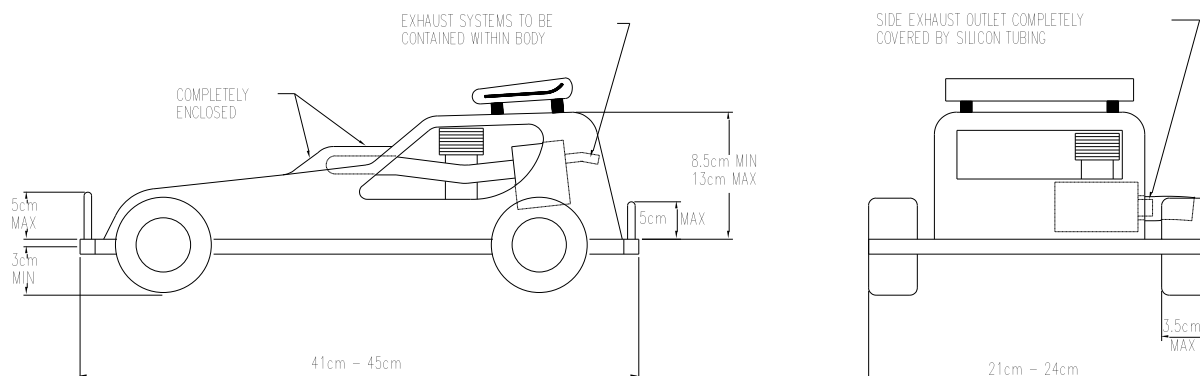


DIAGRAM OF WHERE EXHAUST-PIPES CAN BE POSITIONED

- The height of the body from the top of the body to the top of the chassis is limited to 8.5cm minimum and 13cm maximum, (this is to be taken from the top of the body and not the spoiler if fitted (see drawing above))
- External roll bars are not permitted when racing.
- Spoilers/Aerofoils may be fitted but must not extend beyond the outer edges of the chassis or bumpers. They must be made of plastic not metal. There is no height limit to the spoiler, spoilers must be painted in the same colour as the drivers roof grade. The maximum size of the aerofoil Uk 6" by 6" In Holland 17cm \* 17cm. The roof or aerofoil of the car must reflect the drivers grade.

- 14.No electric stock cars may compete at WEMSA Championships.
- 15.Roof number fins are optional. If used, they will be plastic
- 16.No chain driven cars will be allowed to compete.
- 17.The chassis must be made of steel.
- 18.Exhaust pipes must not point upwards and be contained completely within the bodyshell. (see diagram)
- 19.No brakes will be allowed during WEMSA Championships.
- 20.No differentials will be allowed in any part of the car.
- 21.No tyre additives are allowed.
- 22.Engines, gearing and transmission must be inside the chassis rails, any unorthodox construction will be subject to WEMSA approval.
- 23.Only single gear/direct drive cars using a single belt will be allowed to race.
- 24.Bearings may be used on the running gear of the car.
- 25.Any part of the car may be substituted during a meeting with the exception of the chassis.
- 26.Wheelbase can be any length providing the wheels are kept within the confines of the chassis.  
Notes for rules 2,3 and 5 – The car should be just lifted gently and allowed to find its own resting position, the bumper height measurement will then be taken. No force will be used to get the car into the box.
27. Any under tray must not protrude beyond the outer edge of the chassis rails.
28. It's not allowed to modify the stock car in any way between the end of the heat and scrutineering.
29. If a transponder is not attached to the car or if it doesn't work properly, the driver will be held responsible.

**Amended September 2019**