



Reliant Robins - Rules & Regulations 2018

1. DEFINITION

Reliant Robin racing is a non contact, fun formula. No deliberate ramming or heavy contact is permitted.

2. TYPE OF CAR

You may use any 3 wheeled Reliant Robin, Regal or Rialto.

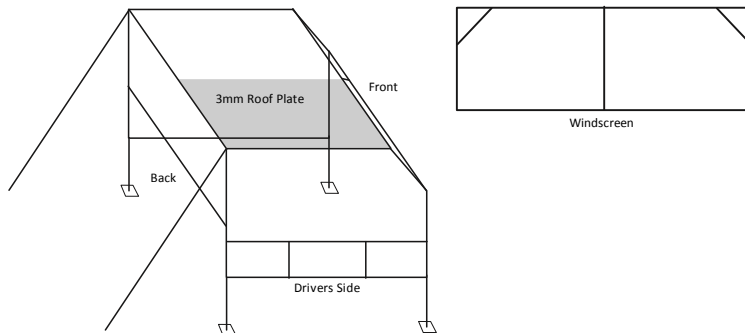
3. ENGINES

No engine modifications are permitted with the exception of replacement of the air filter and removal of the alternator. Cooling may be by conventional radiator, or by a water tank of a reasonable size, provided it is contained within the engine compartment.

4. ROLL CAGE

Roll cage - a minimum of 32mm, 3mm box or tube must be used. A minimum of 4 and maximum of 6 down bars must be used and fitted as close to roof pillars as possible. 4 front legs must be welded to 3mm plate attached to chassis of vehicle. Rear down bars must terminate at least 10" from rear panel. A centre bar must be fitted in the top of cage with a piece of 3mm plate above the driver. A screen bar or gussets in each corner. A chicken bar must be fitted to passenger side, drivers side must be fitted with 2 joined together by at least two drops. A bar from driver's side to passenger's side on front and rear legs should also be fitted. Padding must be used around driver's side framework.

Diagram of Roll Cage



5. FUEL SYSTEM

The original petrol tank must be removed and replaced with maximum size 2-gallon steel safety tank fitted inside the car, either on, under or behind the roll bar bolted to the Roll Cage or the chassis. The fuel outlet must be from the top and the tank must have a vent with an overflow pipe fitted which ends outside the car through the floor. **A one way valve must be fitted to the breather pipe.** A fuel tap must be fitted within easy reach of the driver all fuel lines must be secured.

6. ELECTRICAL SYSTEM

It is permitted to fit two batteries for 24v starting, of maximum Sierra/Cavalier size (eg065), and wherever fitted, must be fully covered or boxed to avoid acid spillage. Electronic ignition may be used if fitted as original equipment.

7. WHEELS, TYRES, SUSPENSION & AXLES

The car must be fitted with wheels of original size and width according to the model, with alloy replacements permitted. Only one wide wheel may be used up to 6J, but no wheel spacers are allowed. Maximum tyre size is 165x70 profile, and all tyres must be road legal, conventional tyres and not competition type. Yokohama tyres are not permitted.

The only permitted suspension modification is to lower the nearside rear spring by heating. The rear axle may not be offset, and welded or limited slip diffs are not allowed. Front suspension arms may be strengthened by welding on one piece of 40x40mm angle iron, and damaged front cross-members may have one piece of tube of maximum wall thickness 5mm inserted into it.

8. SAFETY EQUIPMENT

A full shoulder type safety harness comprising of two shoulder straps and two lap straps must be used the use of a sub strap is optional. A suitable head restraint must be used fitted to the cage or the seat. The driver seat must be secured to the roll-cage at shoulder level by tying or bolting.

9. FINAL PREPARATION

Remove all trim, windows and seat except the drivers, this may be replaced with a suitable competition seat or any standard seat from another car. Remove all glass except the inside mirror plus wheel trims. Cars must be in good condition at the start of a meeting and brightly painted. All bodywork must be complete. No added supports to front panel are permitted. Cars with damaged bodywork will be allowed to race, subject to scrutineer's approval.