

ONCHAN RACEWAY

Stockcar Racing

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2012 RELIANT ROBIN REGULATIONS

TYPE OF CAR

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

ENGINES

Engine mounts may be replaced by solid mounts. Radiators must remain in the original position. No engine modifications and tuning parts are allowed. Alternators may be removed and air cleaners may be replaced. Carburettors must be as standard fitment.

ROLL CAGE

The minimum requirement is a full cage with two hoops, one behind the driver and one in support of the front windscreen pillars with two longitudinal bars, one each side joining the two hoops together and must be symmetrical, both sides constructed identical out of the same size and thickness material minimum size 32mm box or tube 3mm thick.

The roll cage must be fitted with one chicken bar on the passenger side, and two chicken bars on the drivers side, made out of 32mm box or tube a maximum of 400mm apart. Vertical bars of 50mm x 25mm can be fitted between the 2 chicken bars, or 3mm steel plate welded between the chicken bars and may extend down to the bottom of the roll cage. Maximum length of chicken bars or steel plate is 1000mm.

FUEL SYSTEM

The original petrol tank must be removed and replaced with a steel tank of maximum 2 gallons with a metal top securely fastened and fitted inside the car, bolted to the roll cage or the chassis.

The fuel outlet and breather must be from the top of the tank, the breather / overflow pipe must be fitted through the floor. A fuel tap must be fitted within easy reach of the driver and all fuel lines must be secure.

ELECTRICAL

Battery isolators must be fitted and within easy reach of the driver when strapped in. The isolator should break the earth side of the circuit.

The battery must be fitted with a leak proof material to prevent spillage in case of a roll over, and securely bolted to the chassis or roll cage.

SAFETY EQUIPMENT

A full shoulder type safety harness comprising of two shoulder straps and two lap straps must be used. The use of a crutch strap is optional but strongly recommended. A suitable head restraint must be fitted to the cage or the seat. The drivers seat must be secured to the roll cage at shoulder level by bolting or chaining.

FIRE EXTINGUISHERS

All cars must carry a fire extinguisher – minimum size 1kg – and be of dial type, dry powder or CO2, which should be mounted not taped, within easy reach of the driver. A hole must be cut in the bonnet above the carb in case of a fire in the engine compartment.

CRASH HELMETS

Must be worn at all times during practice or racing. They must conform to either :- Snell SA -2005: SFI Foundation 31.1A; SFI Foundation 32.2A; E22 05; or ECE-R22.05 in Fibreglass or Tri Composite form only.

OVERALLS

Drivers are required to wear suitable overalls during practice or racing – minimum standard for all drivers is flame retardant Proban protected to BS 6249

NECK COLLARS

Are strongly recommended.

GLOVES

Flame retardant Proban gloves must be worn at all times during practice or racing.

WINDOW NETS

Must be fitted to the drivers side door window area.

NUMBERS

Racing numbers must be painted on both sides of the car and also on both sides of a roof mounted fin. Minimum size of numbers being 230mm high with 25mm brush strokes. Numbers should be BLACK on a WHITE background. The drivers name should be able to be seen by the commentator and spectators.

FINAL PREPARATION

Remove all trim, windows and seats except the drivers seat, this can be replaced with a suitable competition seat or any standard seat from another car. Remove all glass except the inside mirror. Remove wheel trims and wheel weights. Cars must be in good condition at the start of the meeting and brightly painted.

BALLAST

No additional ballast of any kind permitted.

DIFFERENTIALS

Must remain standard, i.e. not welded.

WHEELS / TYRES

Steel or alloy wheels up to a maximum width of 6 inch, 10 or 12 inch diameter can be used. Both rear wheels must be of the same width, diameter, and same inset /offset. Front wheel must be standard Reliant / Mini 4.5 inch wide, 10 or 12 inch diameter. Standard road type car tyres only, **No competition tyres can be used.** The Yokohama A008 is allowed, but the Yokohama 032 is not permitted.

GRADING SYSTEM

There will be no grading system.

Grid positions for all races will be determined by points championship positions (at the start of the meeting) reversed. New drivers can start their first 3 meetings from the back of the grid if they wish.

The previous seasons points champion can race under number 1 for the whole season following the championship winning season.

OBJECT

Reliant Robin racing was introduced as a fun entertaining sport for both drivers and spectators, these rules are for your own safety and to keep racing as cheap and as safe as possible.

Reliant Robin racing on The Isle of Man is NOT a contact sport. Rubbing of panels is permitted, Heavy contact is NOT. If a driver is deemed to have driven too aggressively causing unnecessary damage to other cars. They will be first **warned** then if the same driver continues to drive aggressively whilst under a warning, they will be banned from the next 3 Reliant Robin meetings.

Warning periods can range from 3 to 10 meetings depending on seriousness of offence.