

## Classic F1 2021

Class for Formula One cars which were eligible for, or competed in races from 1970 to the Mid 1980's.

Only Johnson 111 motors may be used.

Any open wheeled 1/32nd Grand Prix / Formula 1 Slot car from any Manufacturer may be used.

Hard bodied plastic slot cars only. (no Vac forms or Lexans)

Slot cars with metal chassis construction are not eligible to compete. Chassis made from "plasticard" are not eligible to compete. Scratchbuilt cars must use an original plastic chassis. Ideally scratchbuilt cars and bodies should be modified from standard Slot cars.

Motors must remain standard and unmodified. Motors may be stripped to allow cleaning and truing of the comm, but balancing of the arm, re-winding (inc. de-winding) of the arm is not permitted. Free choice of motor brush and spring, but no modification to the motor is permissible to allow fitment.

Front axle is free choice, but must use standard hubs and tyres from the original manufacturer. Front tyres may be trued and varnished. Axle Tubing is permitted.

Axle and gearing must be standard.

Rear Hubs must be original items, or replaced by PCS Scalextric Replica F1/Saloon Large Alloy Wheels Pendle Slot Racing Ref: PCS-321413

Any bearings may be used

Control tyres used are as supplied/specified by the club.

Tyre additives may be used, but tyres must be dry to the touch before racing, and leave no residue on the track. **FLBT does not encourage the use of additives on tyres.**

Tyres may be glued and trued.

Guide, braids and motor wiring is free choice.

Guide and guide location may be modified to allow cars to sit closer to the track.

Weight may be added.

Maximum width of the car at any point is 74mm.

## Formula Libra F1 2021

Class for Open wheel, Open cockpit cars raced until present.

Cars raced as part of the FLBT Classic F1 series may also race in Libra F1.

Any open wheeled/ Open cockpit 1/32nd Grand Prix / Formula 1 / IndyCar Slot car from any commercially available manufacturer.

Resin bodied cars may also be used, but must use a retro chassis or chassis from a commercially available manufacturer.

No laser cut steel chassis are permissible. Photo etched retro Brass chassis (eg Penelope Pitstop) up to a maximum width of 30mm may be used on pre 1972 resin bodied cars. Side pans are not permitted.

3D printed chassis and parts are permissible.

Cars and all its parts should remain as stock and unmodified (except where exempted – see below). Replacement parts should, where available be like for like and of a similar material.

Motors are free choice upto 21.5k and 25K for slimlines, and must remain, sealed and unmodified.

All tyres and hubs are free choice, and may be glued and trued. Front and rear tyres/hubs must be in keeping with the time period of the car. Eg no fat 1970 slicks on a pre-war car. All 4 wheels must be present and must touch the track.

Guide, braids and motor wiring is free choice.

Axle and gearing must be stock configuration.

Tyre additives may be used, but tyres must be dry to the touch before racing, and leave no residue on the track. **FLBT does not encourage the use of additives on tyres.**

Weight may be added.

Maximum width of the car at any point is 74mm.

All parts must be from a commercially available source, and open to all. Home-made and one off components should not be used.