

Hot Rod Rules:

1, Cars to be a reasonable representation of a full size national/out law, or 2litre hot rod

2, Lexan bodies only. Wings are allowed.

3, Internal bumpers are allowed and to be made of foam only.

4, Minimum weight limit 950 grams.

5, 3mm minimum ride height.

6, Only brushless motors to be used, 13.5 turn with a max £65 RRP

7, Only 1s lipos to be used, max charging rate 10 amps, max end voltage 4.20 or lower.

8, Speedos must be in blinky, with a max £150 RRP

9, Chassis:

Must be made from grp, be a single piece and must extend a minimum of 10mm in front of the front axle line, and minimum of 20mm behind the rear axel line.

Wheel base 205mm +/- 5mm

Max track width 160mm front and rear

No extra holes to be drilled or modifying of the chassis by the racer.

10, Rear pod:

Must be made entirely of plastic, have a rear guide pin, and twin coil springs mounted behind the rear axle line, and a single pivot ball mounted in front of the motor.

Must not be ride height adjustable.

11, Front wish bones must be of the moulded plastic type, have 2 mounting points using m3 screws or bolts, and be mounted directly to the chassis.

Washers are permitted to add caster, or lower ride height.

Single coil spring on each wishbone.

No trailing arm hubs.

12, Front strut braces are allowed but must come with the kit, and not cause camber adjustment to the front wheels, king pins, stubs or wishbones.

13, Fixed axle, no diffs. Axle, stubs, king pins to be made of steel only.

14, Only single bolt wheels to be used front and rear, no GT/pan car type wheels to be used. The wheel must be of a solid construction, (no flexible wheels.)

15, Only moulded plastic spur gears and non drive side spacers to be used. Choice of 48 or 50 tooth spurs only. Max size of pinion gear 20 tooth. (Max gearing 48 20. No fine pitch gears, 32dp only. Spur Gear may be used on both sides.

16, Bearings may be used on the front and rear axles.

17, Cars must not have:

Damper tubes, link bars, Active caster, any parts made of carbon/carbon composite. Z drives, or any type of gear carrier to mount spur gears.

18, Body Posts may be changed and Track rods/ends may be changed.

19, No tyre additive.

20, All cars must be commercially available, no hybrid cars, or home builds.

i.e. If a LargeIT kit comes with Mardave running gear it must be raced that way, if a Mardave kit comes with Mardave running gear it must be raced that way, if a Kamtec kit comes with Kamtec running gear it must be raced that way. If other manufactures produce a kit, then it must be raced with the supplied running gear.

Choice of wheel and tyre is free from the Mardave/Schumacher/Kamtec range as long as it complies with rule 14.

Any car produced/sold/raced must use the same Manufacturers running gear on the front and rear of the car (i.e. Pod/wishbones/hubs/spur) and comply with rules 10, 11, 13 & 15

The idea of these rules is to cut costs, increase car numbers at meetings, and to make racing in the national hot rod class more accessible for current and future racers.

