

HMMRC RTR Class Rules

Slot-it Group C



6x2 minute heat races, lane change at power off location, lap total with final rotation segments added.

General

- Any Slot-it Group C car specified in the following list may be used;
- Porsche 956 and 962, Lancia LC2, Toyota 63 and 88, Mazda 787B, Jaguar XJR 6, 9, and 12, Sauber C9, Nissan 89, 90 and 91.
- All cars are to use only Slot-it gears, guides, motors, axle bushes, wheel rims, pod screws, pod and chassis.
- Any Ballast weight is to be placed inside the car and not be visible from the outside of the car.
- If the rules don't say you can do it then you can't do it.

Body

- Cars must look complete with complete plastic moulded interior and with rear wing in correct position.
- Wipers, antennas, tow hooks and mirrors are not required.
- Minimal trimming of the body to clear the chassis is permitted.
- Trimming of the wheel arches to gain tyre clearance is not permitted.
- Interior and body must be complete ie; no 'hacking' or cutting of interior or body.

Wheels + Tyres

- Any rubber tyre may be used for the wheels.
- Cars must have complete Slot-it Group C wheel inserts for all wheels, brake detail is not necessary.
- Only 15.8 x 8mm and/or 16.5 x 8mm rims are permitted.
- Rims must be made of either aluminium or plastic. Magnesium rims are not permitted.
- Wheels and tyres must not protrude past the bodywork when viewed from above.
- Front tyres may be coated and or coned to reduce friction but must remain full width of rim (8mm).
- Independently revolving front wheels are not permitted.

Chassis

- Cars may be converted to side-winder or remain in-line.
- Chassis may be flattened.
- All cars are to use the stock chassis that is designed for that car only. HRS/2 type chassis *are not* permitted.
- Only zero and .5mm motor pods are permitted.
- Spring and or magnetic suspension systems are not permitted.
- Trimming of the chassis, only to prevent the chassis catching on the body and/or motor pod, is permitted.
- Front axle height adjustment using 4 grub screws is permitted.
- Rear axle bushes may be glued to pod but must remain in stock factory position.
- Screw or clip type guides are allowed.
- Guide must be in stock position for the chassis in use.
- Braid and lead wires are free.
- Axles and spacers are free, although axles must be of solid steel i.e. non-hollow.
- Bushes may be used to locate front axle.
- Chassis magnets may be removed.
- Chassis must be complete when viewed from below, ie; no 'hacking' or cutting of chassis.

Motor + Gears

- Only the Slot-it 21,500rpm (orange end bell) motor or the new 23k motor (brown end bell) is permitted.
- Motors must remain stock and not tampered with in any way, shape or form.
- Motors may be screwed and/or glued in position.
- The gear ratio must be either 9-28 for in-line or 11-34 if a side-winder.
- Lightening of the pinion and gears are not permitted.
- Only brass pinions may be used. Ergal pinions are not permitted.
- A minimum clearance of 0.5mm between the gear and track is required.

