

# HMMRC RTR Class Rules

## *Sideways Group 5*



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

### General

- Any Sideways brand 'Group 5' car specified in the following list may be used;
- Porsche 935, Lancia Beta Monte Carlo and Stratos, Toyota Celica LB, Nissan Skyline, Ford Mustang and Zakspeed Capri, BMW 320 and M1, Ferrari 512BB.
- 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 full and 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 look to be complete, may be trimmed to clear motor.

### Wheels + Tyres

- Any rubber tyre may be used for the rear wheels.
- Cars must have Sideways 'Group 5' wheel inserts for all wheels, brake detail is not necessary.
- Only 15.8mm and/or 16.5mm diameter rims are 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.
- Independent revolving front wheels are not permitted.

### Chassis

- Cars may be converted to side-winder or remain angle winder.
- 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.
- Motor pods of any height are permitted.
- Spring and or magnetic suspension systems are 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.
- 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.
- Bushes/ball races free, 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

- Any RTR type motor may be used.
- Motors may be screwed and/or glued in position.
- Gear ratios are free but must use 48 pitch gears.
- Lightening of the pinion and gears is permitted.
- A minimum clearance of 0.5mm between the gear and track is required.

