

Classic Slot Car Racing Association

1/32 Scale Car Standards

For Hard Bodied Cars

Ready-to-Run Group C and IMSA GTP Sports Cars

Spirit and Intent

To provide a set of rules for racing near standard out of the box Classic Group C and IMSA GTP cars manufactured by Slot.It.

Eligible Cars

Slot.It

- Porsche 956 (All versions)
- Porsche 962 (All versions)
- Sauber Mercedes C9
- Lancia LC2/84
- Lancia LC2/85
- Jaguar XJR6
- Jaguar XJR9
- Jaguar XJR10
- Jaguar XJR12
- Mazda 787B
- Toyota 86C
- Toyota 88C
- Nissan R89C

TECHNICAL REGULATIONS

1. Body

- a. Bodies must be used complete and unmodified except as detailed below.
- b. Body to chassis mountings must not be lowered in any way.
- c. Wheel arches may not be modified externally in any way but any moulding flash may be scraped or sanded off.
- d. Minor scraping or sanding of the wheel arch inner faces and lower body sides is permitted to enable the body to move freely on the chassis.
- e. Any car fitted with separate rear wheel covers may have the covers and any mounting lugs inside the body for those covers removed.
- f. Any internal pegs etc. that rest on the motor, axle bearings or chassis sides may be modified or removed if desired in order to allow the body to move freely on the chassis.
- g. The original windscreen and windows must remain fitted.
- h. The original interior must remain fitted, including the driver and all other original details.
Note: If a lighting kit is fitted some minor parts of the interior may need modifying to allow the circuit board to fit. See also rule 10a.
- i. Rear wings/spoilers and front air dams/splitters must be securely fitted at the start of each race but mirrors and windscreen wipers may be omitted.
- j. Bodies may be repainted provided that doing so does not distort the body and that the repaint is in a tasteful style representative of the period. An authentic livery is preferred.
- k. White body kits must be fully painted.
- l. All cars must carry at least three racing numbers.
- m. No part of the chassis, guide, motor, running gear or wheels and tyres may be visible outside the body when viewed from directly above or through the cockpit/cabin area.

2. Chassis

- a. The chassis must be a Slot.It chassis originally intended for the body being used.
- b. No modifications are permitted to the motor pod or guide mounting positions.
- c. Minor scraping or sanding of the chassis edges is permitted to allow the body to move freely on the chassis. Removal of other parts of the chassis for this purpose is not permitted.
- d. The chassis must be properly attached to the body using screws in their original positions.
- e. Chassis to body and motor pod fixing screws are free choice.
- e. Bodywork and motor pod fixing screws may be left loose to allow the body and pod to move but must be secured in a way that prevents them from falling out.
- f. Adhesive tape may be used on the bottom of the chassis and motor pod to control movement.

3. Motors & Motor Mounting

- a. Any of the cars may be powered by any of the Slot.It motors supplied as standard, at any time, with any of the eligible cars.
- b. Any car may be fitted with a Scaleauto SC0008B 20k motor.
- c. The only modification permitted to any motor is shortening of the armature shaft.
- d. All cars must be fitted with one of the following Slot.It inline motor mounts;
 - Zero offset - SICH02, SICH13, SICH13b, SICH13C
 - 0.5mm offset - SICH70, SICH110
- d. Motors must be mounted in the original orientation in the motor mount.
- e. Motors may be glued and/or screwed into place if desired.

4. Gears

- a. Only Slot.It SIP109 9tooth brass pinions may be used.
- b. Only Slot.It zero offset 28tooth (yellow) crown gears may be used.
 - Either SII28bz (bronze boss) or SIGI28al (aluminium boss)

5. Axle Bearings

- a. Only standard Slot.It spherical rear axle bearings are permitted.
- b. Rear Axle bearings may be glued into the motor pod.
- c. Front axle mountings must remain original.
- d. Front ride height may be set with standard Slot.It spacer blocks or by fitting grub screws into the holes provided in the chassis for this purpose.

6. Axles

- a. Axles are free choice but must not protrude beyond the outer face of any wheel. See also Rule 1m.
- b. Axle spacers/stoppers may be used to control side play on both the front and rear axles.

7. Wheels

- a. Only the following Slot.It wheels may be used;
 - Front wheels: Slot.It plastic wheels supplied as standard with any eligible car.
15.8 x 8.2 - SIW15808215P or SIW15808225P (Ex SIPA17pl)
16.5 x 8.2 - SIW16508225P (Ex SIPA43PL)
 - Rear Wheels: Slot.It aluminium wheels supplied as standard with any eligible car.
15.8 x 8.2 - SIW15808215A or SIW15808225A (Ex SIPA24als or SIPA17al)
16.5 x 8.2 - SIW16508215A (Ex SIPA43als)
- b. Air Wheels are not permitted.
- c. The correct wheel centre detail for the car must be fitted to all wheels at all times.

8. Tyres

- a. Rear tyres are free choice with a maximum width of 11mm.
- b. Front tyres are free choice with a minimum width of 8mm.
- c. Sponge/foam tyres are not permitted.
- d. Tyres made from or containing Silicone must not be used.
- e. Tyres may be glued onto the wheels, and may be sanded true.
- f. Any tyre dressing/cleaner used must not leave a residue on the tyres or track.
- g. Tyres dressings made from or containing 'oil of wintergreen' are not permitted.
- h. Tyres must be dry whenever the car is placed on the track.
- i. Front tyres may be coated with nail polish, varnish or super glue if desired.

9. Guides, Braids & Wires

- a. Any car may be fitted with any Slot.It guide supplied as standard with any eligible car.
- b. Plug in guides may be replaced with an equivalent Slot.It screw fit version.
- c. Guide to motor wires and pick up braids are free choice.

10. Lights etc.

- a. Any car may be fitted with working lights using a Slot.It lighting kit if so desired.
Note; only the minimum necessary modification may be made to the body and/or interior in order to fit a lighting kit. See also Rule 1h.

11. Ballast and Traction Magnets

- a. Traction magnets must be removed.
- b. Lead ballast weight may be added to any car as desired, provided that it is placed within the confines of the body and chassis and is firmly fixed in place.

12. Ground Clearance

- a. There is no minimum ground clearance rule but at no time may the body, chassis, motor pod, motor or gears touch the track surface in normal use.
- b. When the car, race ready, is placed on a flat and level section of the track to be used for the event, or on a test block which matches that track, all 4 tyres must touch the surface and all 4 wheels must rotate when it is pushed forward.

Finally

If the rules do not specifically say you can do something then you cannot do it.

Index to amendments

Issue No	Date	Amendment
1	12/12/2023	First draft.
1b	17/04/2024	Allow tape on bottom of chassis and revise some wording.