

Trans Am & NASCARS (Class C)

General Requirements- For cars with engine size above 2 litres which took part in Trans Am, NASCAR or Bathurst 100 between 1960 until 1972. Must be 1/32 scale. The cars should be decorated with the typical livery of cars raced in this class.

Cars can be RTR branded slot cars, kit based or scratch build.

Class C Rules: (All parts must be commercially available)

C1) Motors

Free choice of motor type with a manufacturer's rating not exceeding 20,000rpm at 12 volts. Orientation of the motor is free

C2) Gears

Free choice of gears and gear ratio.

C3) Wheels

Free choice of wheels but they must be representative of the type fitted in scale to the real models with representative wheel inserts fitted.

C4) Tyres

Front wheels and tyres – Any rubber or polyurethane tyre compound can be used with minimum wheel with tyre diameter of 17mm and width minimum of 6mm

Rear wheel and tyres – Any rubber or polyurethane tyre compound can be used with minimum wheel with tyre diameter of 19mm and maximum width of 10mm

C5) Axles

Free choice but must not protrude outside wheel hub.

C6) Slot Guide

Maximum guide blade depth 6mm and 1.55 mm thick

Any car may have an easy fit guide replaced with a conventional wired guide with the necessary minimum modifications to the chassis.

Motor wires and braids are free choice.

C7) Lights etc

Any car fitted with lights may have the light bulbs, LED's, wiring, PC board and other fittings removed.

C8) Ballast

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 glued in place.

C9) Body

All body shells must be made of hard plastic, glass fibre, resin or 3D printed. Vacuum formed lightweight shells are not permitted.

Windscreen and window mouldings must be provided but can be made of clear vacuum formed plastic. Rear view mirrors may be omitted but all other details parts must remain as fitted, wheel inserts must be fitted.

Vacuum formed or lexan interiors are permitted but must be realistic and be a 3d representation of driver and interior. Wheel inserts must be fitted.

C10) Chassis

The chassis can be as that which was supplied as a RTR model, alternatively the use of 3d printed, universal chassis or brass constructed is permitted.

C11) Ground clearance and dimensional requirements

Minimum motor to track clearance 1.5mm. All four tyres must touch the track surface when placed on the track and all four wheels must rotate.

Maximum overall outside tyre wall width 64mm