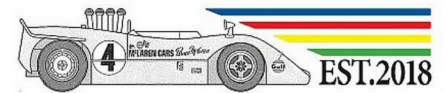


# 1/24<sup>th</sup> Scale Can-Am/Sports Car Rules

North Region Slot Racers Group



## Control Chassis, Motor and Gear Ratio Racing

- **WestRock Can-Am** chassis to be constructed as intended using all parts.
- Only the guide tongue packer may be omitted to better suit use of low profile guide flags.
- Removal of material is limited to de-burring of chassis components only.
- Bending of any chassis material is not permitted. Adding to chassis is not permitted.
- May add a bite bar, diameter free, and four independent fixed pin tubes (not floating).
- Bite bar may only be tuned with tape or flat material affixed directly to the chassis under the bar.
- No taping across pans and/or centre section or over the bite bar.
- The addition of ballast, tape or any other parts to the chassis is not allowed.
- Front of chassis, measured underneath the front axle, to clear track surface by 0.5mm.
- Front and rear rim diameter is minimum 12.0mm. Inserts allowed.
- Maximum rear axle height 11.5mm from underside of chassis to uppermost of axle (10.3mm centreline).
- Front tires must be black and at least 5mm wide, may be coated. Rear tires must be black and can be any width.
- Maximum width of entire car is the chassis plus body and pin heads. Wheels must not extend past chassis.
- Maximum front axle height 9.7mm from underside of chassis to uppermost of axle (8.5mm centreline).
- All four tires to touch the track at rest. Front wheel/s may rotate independently on axle.
- Axles must be 3/32" solid steel and rotate in 3/32 – 3/16 axle bushes fitted the uprights. No ball races.
- Motor may be braced to chassis immediately next to motor can by use of brass tube max 1/8" diameter. Both forward and rearward of motor can may be braced if desired.
- Guide (maximum 28mm long), braids, lead wire and spacers can be any brand.
- Gear and motor may not protrude below the chassis.
- Gear ratio is fixed at **9-39 and must be 64 pitch** (preferred to have tooth count moulded on by manufacturer).
- Motor is fixed and is the '**Eagle**' motor by **Mid America Model number: MAR 605** shaft may be shortened.
  
- Body to be a 1/24<sup>th</sup>, scale looking Can-Am or sports car raced prior to 1975.
- Body must completely cover all of chassis and running gear when viewed from above.
- Body to be fully painted and with a painted 24<sup>th</sup> scale 3D driver in the correct position and display matching race numbers in at least two places.
- Period liveries and colours are encouraged.
- Front wheels must align with body wheel arches and must be clear or cut out.
- No external additions to the body apart from pin heads and decals, any external reinforcing tape must be below the height of the rear axle.

Some parts may not be readily available in NZ,

<https://e-slotcar.com/> is where the following parts, *examples* which comply, can be bought from;

Simply put the PCH part number into the search window and press enter.

PTC-N263	Protrack rear wheels (example item)
PTC-526	Protrack front wheels (example item)
MAR 605	Eagle motor (compulsory item)