



# 2024 Pinewood Rally

## Individual Contributor Rules

All cars must pass inspection to qualify for placing.

Body (Total Car Dimensions):

1. The main body structure must be made from wood.
2. Measurements:
  - a. Wheel Base : Any as long as wheels do not exceed the 7" total length requirement
  - b. Total Car Height : Not to exceed 3" inches
  - c. Total Car Length : Not to exceed 7" inches
  - d. Total Car Width : Not to exceed 2-3/4" inches
  - e. Total Car Weight : Not to exceed 5.0 ounces (+.04) or 143 grams even measured on 1/10th digital scale
  - f. Wheels must clear the rail height and width:
    - i. Track Center Rail Height: 1/4" inch ( 7mm )
    - ii. Track Center Rail Width: 1 5/8" inches (4.2 cm)

3. The following items are PROHIBITED:

- a. Springs
- b. Starting devices or propellants
- c. Electronic or lighting devices
- d. Liquids, wet paint, oil, sticky substances, or powders other than axle lubrication
- e. Glass or excessively fragile parts
- f. Wheel bearings

Axles:

1. 4 Axles & Wheels must be installed to the side of the car body directly across from one another / No more than a 45 degree angle. Rear wheels cannot be reversed.

2. Minimum diameter .084
3. Axles must have a nail head

Wheels:

1. May be BSA, Maximum Velocity, Awana, Pinecar
2. May be CnCed, lathed, polished and/or sanded to true the edge of tread, surface and circumference
3. The tread / contact surface must remain flat and parallel to the bore as humanly possible
4. No Angling, Reshaping, Canting, Round Crowning, Tapering, H-ing, V-ing, Dishing, the outside of the wheels and/or tread surface
5. Lettering must remain visible on the inside and outside of the wheel. In the case of a wheel that has no lettering on the outside the original shape must remain. A wheel cannot be machined flat on the outside sidewall.
6. Wheel covers may be used only if entire wheel is visible
7. 7.50mm Minimum Tread Width
8. Wheels have no weight restriction as long as they meet the above requirements.

During the racing event, cars can only be handled by a race official or by the person to whom they belong and only after obtaining permission from an official.

Cars that require repair or modification after check-in must be re-qualified by an official.

If a car leaves its lane, provided it was not caused by a track problem, and interferes with another racer, the car at fault will be declared to have lost the race.

Decisions of race officials are final.