

## PINEWOOD DERBY RULES

Cars should be built by the Explorer with adult guidance. Any technical assistance should be fully explained to the Explorer so that he can use that knowledge on future projects.

### A. CAR SPECIFICATIONS

- Maximum overall width: 2-3/4"
- Maximum length: 7"
- Maximum weight: 5 Ounces
- Minimum width between wheels: 1-3/4"\*
- Minimum bottom clearance between car and track: 3/8"

**\* If the car design you choose has a narrow body, make sure that the area where the axles are inserted into the body remains 1-3/4" wide. Wheels that are spaced less than 1-3/4" apart will not fit over the guide strips of the track.**

### B. RULES

Wheel bearings, washers, and bushings are prohibited. The car shall not ride on springs. Only official Cub Scout Grand Prix Pinewood Derby wheels and axles are permitted. Only dry lubricant is permitted. Details, such as steering wheel and driver, are permissible as long as these details do not exceed the maximum length, width and weight specifications. The car must be free-wheeling, with no starting devices.

Each car must pass inspection by the official inspection committee before it may compete. If a car does not pass inspection at registration, the owner will be informed of the reason for failure. The owner will be allowed to make adjustments and have the car re-inspected within the official inspection time period. No cars will be inspected after official inspection period has ended. After a car has passed inspection, no modifications can be made to the car unless the car is damaged in handling or in a race. Post registration modifications will be limited to repairing/returning the car to the condition it was in at the time of the original inspection. The inspection committee will determine if a car requires re-inspection based on the level of modifications or repairs made subsequent to the original inspection at registration.