

Pack 400 Pinewood Derby

Cub Scout Rules and Specifications

The Builder:

Cars should be built by the Cub Scout with some adult guidance. Any technical assistance should be fully explained to the Cub Scout so that he can use that learned knowledge on future builds.

Car Specifications:

Width = not to exceed 2-3/4"

Length = not to exceed 7"

Weight = not to exceed 5 oz.

Width between wheels = minimum 1-3/4"

Bottom clearance between car and track = minimum 3/8"

Rules:

- A car produced from the Official Pinewood Derby Car kit provided to each scout by the Pack will be the only car permitted for entry.
- Aftermarket accessories such as hood scoop, spoilers, exhaust, etc. will be allowed as add-ons, but must be within acceptable car specification limits.
- Official Cub Scout Grand Prix Pinewood Derby wheels and axles are permitted.
- Wheel bearings, washers, and bushings are not allowed.
- The car must be freewheeling with no starting devices.
- The front of the racecar must rest against the starting pin and be powered solely by gravity.
- No loose materials of any kind are permitted in or on the car.
- The car shall not ride on any kind of spring.
- No lubricating oil may be used on axles or wheels. Only powdered graphite is allowed. Please lubricate your car OUTSIDE of the building.
- No recycling of cars, which means you may not use a previous year's car!

Note:

Each Car must pass inspection by the official inspection committee before it may compete. If at registration, a car does not pass inspection, the owner and his pit crew will be informed of the reason for failure and will be given time within the official weigh-in time period to make any adjustments. After final approval, cars will not be re-inspected unless the car is damaged in a race or during handling.

