

Pack 400 Pinewood Derby

Open Class Rules and Specifications

The Builder:

Cars being raced in the Open class can be built by a Cub Scout, relative or friend of a scout.

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:

- Cars produced from the Official Pinewood Derby Car kit or other aftermarket kits are permitted for entry.
- Aftermarket accessories such as hood scoop, spoilers, exhaust, etc. will be permitted as add-ons, but must be within acceptable car specification limits.
- Official Cub Scout Grand Prix Pinewood Derby wheels and axles are permitted but not required. Similar aftermarket wheels are permitted.
- Wheel bearings, washers, and bushings are not permitted.
- 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 permitted. Please lubricate your car OUTSIDE of the building.
- Recycling of cars used in a previous derby (modified or unmodified) is permitted.

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.

