

Pack 91 Official Pinewood Derby Rules

Car Specifications:

(Cars will be measured and checked in)

- Maximum width (with wheels) – 2 ¾ inches
- Maximum length – 7 inches
(not to exceed the length of the original block of wood)
- Weight – 5.0 ounces or less
- Width between wheels – must be 1 ¾ inches to fit on track
(axles must remain the width of the original block of wood)
- Bottom clearance between car and track – at least 3/8 inch

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
(i.e. the wheels and axles that come in the box)
- Axles and wheel surfaces may be polished, but wheel width or diameter may not be altered
- Only dry lubricant is permitted on wheels & axles (i.e. graphite lubricant)
- Details such as steering wheel and driver are permitted as long they do not exceed the maximum length, width, and weight specifications
- The car must be free-wheeling, with no starting or propulsion devices

Inspection

(Day of the Race – Prior to Race Time)

- Each car must pass inspection (weight & dimensions will be measured)
- If a car fails inspection, the owner will be informed of the reason for failure and will be given time within the official weigh-in time period to make the adjustment
- After final inspection and check-in, cars cannot be tested or altered
- After final approval, cars will not be re-inspected unless the car is damaged in handling or in a race

Awards

- All youth who enter a car will receive a **Participation Award**
- **1st, 2nd, and 3rd Place Awards** in the following divisions:
Lions, Tigers, Wolves, Bears, Webelos, and Siblings
- Top 3 finishers in each den qualify to race at the District Pinewood Derby
- The 1st place finishers in each den will race for the overall **Pack Championship**
- **Best Gas Mileage Awards** - the slowest car in each division to still cross the finish line will be recognized with special awards
- Best Gas Mileage Award winners will race for the **Golden Turtle Award**
(overall slowest car to still cross the finish line)
- Scouts and leaders will vote on the **Best Car Design**, and special prizes will be awarded
- Adults may build a car to race in an “**Outlaw Division**” - rules listed above do not apply
(prizes will NOT be awarded for this division)