



PACK 3390 PINEWOOD DERBY RULES



Eligibility of Contestants and Cars

- The Competition is open to all Pack 3390 Cub Scouts. In case of illness or a valid conflict, an absent Scout may be represented by an authorized agent.
- We encourage the construction of cars using the block in the official Grand Prix Pinewood Derby kit.

Length, Width & Clearance

- Maximum overall width (including wheels and axles) shall not exceed 2-3/4"
- Minimum width between wheels shall be 1-3/4" so car will clear the center guide strip.
- Minimum clearance between the bottom of the car and track shall be 3/8" so the car will clear the center guide strip.
- Maximum length (including wheels) shall not exceed 7-1/8".
- Maximum height shall not exceed 2-3/4"
- The wheelbase (distance between the front and rear axles, center to center) may not be changed from the kit body distance of 4-3/8".

Wheels and axles

- Only the wheels and axles from the official Grand Prix Pinewood Derby kit may be used.
- Axles may be lightly filed, sanded and polished. This light filing, sanding and polishing is the only axle modification allowed.
- Wheels may be lightly sanded and polished. This light sanding and polishing is the only wheel modification allowed.

Weight and Appearance

- Weight shall not exceed 5 ounces. The readings of the Official Race Scale will be considered final.
- The car may be carved, sculpted, and/or sanded in order to enhance performance and/or appearance.
- No loose materials of any kind are permitted on or inside the car.
- Additional materials may be added to the car for the following purposes only:
 1. Weights may be added to increase the weight and/or alter the weight distribution of a car.
 2. Paints/decals/decorations may be added to alter the appearance and/or aerodynamics of a car.
 3. Glue may be used to adhere the axles to the car body.
 4. Wood putty, or a similar wood-like substance, may be used to repair minor damage to a car.

Lubrication

- Only dry powdered lubricants, such as graphite or white powder Pinewood Derby Car Lubricant, may be used. Oils and silicone sprays are prohibited.
- Once a car passes inspection, it will be in the custody of race officials, who will decide and implement lubrication for all registered cars.

Ground Rules

If a car leaves its lane and interferes with another car, the heat will run again. If the same car leaves its lane a second time and interferes with another car, the heat will be run again without the interfering car.

Inspections and Disputes

- Each car must pass inspection by the Official Inspection Team before it may compete. The Inspection Team has the right to disqualify those cars, which do not meet the rules. Car owners will be informed of the violations and given an opportunity to modify the car to meet these rules.
- Ungentlemanly or unsportsmanlike conduct by any participant or member of the audience will be grounds for expulsion from the competition and/or race area.