

## Pinewood Derby Car Specifications

All Pinewood Derby cars entered:

- 1) Must use BSA wheels and axles as provided in the Pinewood Derby kit
- 2) Must use wood block supplied with the BSA kit
- 3) Wheels may not be cut, shaped or modified beyond sanding to smooth surface
- 4) Axles must be placed in the slots on the wood block in your BSA kit
- 5) Car dimensions:
  - a. Maximum width: 2  $\frac{3}{4}$  inches
  - b. Maximum length: 7 inches
  - c. Maximum height: 4 inches
  - d. Minimum bottom clearance:  $\frac{3}{8}$  inch
  - e. Minimum clearance between the wheels: 1  $\frac{3}{4}$  inches
  - f. Maximum weight: 5.0 ounces
- 6) No propulsion methods allowed – no sliding weights.
- 7) Only dry wheel lubricants allowed (such as graphite or Teflon powder)
- 8) All four wheels must touch the track during the race
- 9) No hubcaps, washers or bearings

Other things to keep in mind:

- The car must have been made during the current Scout year.
- For the District and Council races ONLY (not the Pack 883 race) - NO GRAPHITE WILL BE ALLOWED AT RACE SITE.
- DO NOT put any numbers on the Pinewood Derby car. You will be issued a racer number when you check in.
- Once a car passes inspection and is entered into the race, only race committee members can touch it.
- If the car loses a wheel, or is otherwise damaged, the racer shall have 5 minutes to make a repair
- Each car must pass inspection by the official inspection committee before it will be allowed to compete.
  
- The Inspection Committee has the responsibility to disqualify those cars that do not meet these specifications. Any car design that is considered to have an unfair competitive advantage will be disqualified at the discretion of the Inspection Committee. All judgments of the Inspection Committee and Race Officials are final.

**Have Fun! Happy Racing!**