

Pack 1501 Pinewood Derby Rules

Basic Rules

1. Only a BSA supplied kit is permissible.
2. No pre-made cars or kits will be allowed.
3. The car must be made this year, use of last year's car is not allowed.
4. The car weight shall not exceed 5.0 ounces. The official race scale shall be considered final.
5. The overall length of the car shall not exceed 7 inches.
6. The overall width of the car shall not exceed 2 $\frac{3}{4}$ inches.
7. The car must have 1 $\frac{3}{4}$ " clearance between the wheels.
8. The car must have $\frac{3}{8}$ " clearance underneath the body so the car will clear the center guide of the track.
9. The wood provided in the kit must be used. The block may be shaped any way that is desired. However, the front of the car may not be pointed or cone shaped. If so, will not rest on the starting gate pegs properly.
10. The wheels supplied with the kit must be used. The wheels may not be cut, drilled, beveled or rounded. You may remove the seam from the wheels by a light sanding.
11. The axles supplied with the kit must be used. They may be lubricated.
12. Wheel bearings, washers or bushings are prohibited.
13. The car must not ride on any type of springs.
14. The car must be freewheeling, with no starting devices.
15. No loose material of any kind, such as lead shot, may be used.
16. The wheelbase may not be altered. Do not move the location of the axle holes.

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.

Inspection and Registration

- Each car must pass a technical inspection before it may compete. Technical inspection and registration of cars occurs on Friday from 6:30 pm to 8:00 pm. All cars must be submitted during this time.
- The Inspection Committee shall disqualify cars which do not meet these rules. If a car does not pass inspection, the owner will be informed of the reason his car did not pass (too long, too heavy, altered wheel base, etc.). Cars which fail the initial inspection may be modified for re-inspection and registration.
- Cars may NOT be altered in any way after it has been registered. Damage repair shall be allowed during the Derby only if it does not delay the race, but no modifications shall be allowed.
- After passing inspection, no car shall be re-inspected unless it's repaired after damage from handling or race damage.
- Good sportsmanship will be expected at all times.

Racing Rules

- Race results are based on average of car times
- Each car will race once on each lane in a random draw
- Technical issues with the track may require a rerun which is up the discretion of the race committee
- If during a race, a car leaves the track without interfering with its opponent, it shall be considered to have ended its heat at that point.
- If a car leaves its lane, at his sole discretion, the track chairman may inspect the track and, if a track fault is found which probably caused the initial violation, the track chairman may order the race to be rerun after the track is repaired.

Rewards and Recognition

- The most important values in Pinewood Derby competition are parent/son participation, good sportsmanship and learning how to follow rules. The Awards Committee is responsible for recognizing and encouraging these qualities in addition to traditional racing awards.
- Every participating Scout will receive a Pinewood Derby patch.
- Medals or trophies will be awarded to the first, second and third-place finishers in each division.
- Additional awards will be made for various "appearance" categories.