

Pack 91's Cub Scout Pinewood Derby Rules

Saturday, November 19, 2005
10:00 AM - 12:00 PM

ALL CARS MUST PASS INSPECTION TO QUALIFY FOR THE RACE



Following are the inspection points

1. The car's weight shall not exceed 5.0 ounces. The official race scale shall be considered final.
2. The overall length of the car shall not exceed 7 inches.
3. The overall width of the car shall not exceed 2 ¾ inches.
4. The car must have 1 ¾" clearance between the wheels.
5. The car must have 3/8" clearance underneath the body.
6. The wood provided in the Official Scout Grand Prix kit must be used. The block may be shaped any way that is desired.
7. The wheels used must be Official Scout Grand Prix wheels. The wheels may not be cut, drilled, beveled or rounded. You may remove the seam from the wheels. **Official BSA Wheels**
8. The axles supplied with the kit must be used. They may be polished or lubricated. **Official BSA Axles**
9. Wheel bearings, washers or bushings are prohibited.
10. The car must not ride on any type of springs.
11. The car must be freewheeling, with no starting devices.
12. No loose material of any kind, such as lead shot, may be used.
13. Only dry lubricants such as graphite or powdered Teflon "white lube" will be allowed for lubricating the wheels. Lubricants may not foul the track.
14. Only one lubrication is allowed before the beginning of the first race.
15. Details such as the steering wheel, driver, decals, painting, and interior detail are permissible as long as these details do not exceed the maximum length, width, and weight specifications.

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.

A car builder may enter his or her car in one of the three categories.

1. **Cub Scout Class:** Any enrolled Cub Scout who built a car from an Official Scout Grand Prix kit.
2. **Sibling Class:** Any sibling¹ of an enrolled Cub Scout, or Cub Scout, who built a car that meets all the rules, but is NOT built from an Official BSA kit.
3. **Unlimited Class:** Any Scout Leader or Den Chief can enter a non-powered car that will fit on the track and does not do damage to the track. The weight limit is 5 pounds.

¹ Siblings are brothers, sisters, stepbrothers, stepsisters, parents, or grand parents.