

Peshewa District Official Pinewood Derby Rules



ALL CARS MUST PASS INSPECTION TO QUALIFY FOR THE RACE

Following are the inspection points

1. The car weight shall not exceed 5.000 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 maximum height of the car cannot exceed 5 inches.
5. The car must have 1 ¼" clearance between the wheels.
6. The car must have 3/8" clearance underneath the body.
7. The wood provided in the kit must be used. The block may be shaped any way that is desired.
8. 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. Wheels must have BSA on sidewall.
9. The axles supplied with the kit must be used. They may be polished or lubricated.
10. Wheel bearings, washers or bushings are prohibited.
11. The car must not ride on any type of springs.
12. The car must be freewheeling, with no starting devices.
13. No loose material of any kind, such as lead shot, may be used.
14. All cars must have the scout's name on the bottom of the car.

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.

- Construction of ALL entries MUST have begun AFTER last year's races - or - cars must be built new for this season and cannot have been raced in previous years.
- The car body may have no moving parts.
- Only dry lubricants such as graphite or powdered teflon "white lube" will be allowed for lubricating the wheels. Lubricants may not foul the track.
- 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.
- Cars must be powered by gravity only!
- Lead weight, if used, must be completely sealed and safe from all possible contact with youth.
- The front of the car cannot be designed to gain an unfair advantage by shortening the distance between the start pin and the finish line sensor and the car design cannot otherwise interfere with a fair start.
- No part of the car can extend past the starting pin.