

Trail Life 7777 - 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 5.0 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 $\frac{3}{4}$ inches.
4. The maximum height of the car cannot exceed 5 inches.
5. The car must have 1 $\frac{3}{4}$ " clearance between the wheels.
6. The car must have $\frac{3}{8}$ " clearance underneath the body.
7. The wood provided in the kit must be used. The block may be shaped any way that is desired, except no part of the car may extend past the starting gate
8. The wheels supplied with the kit must be used. The wheels may not be cut, drilled, beveled or rounded. You may lightly sand to remove the seam or any imperfections from the wheels.
9. The axles supplied with the kit must be used. They may be polished or lubricated with graphite powder, no wet lubricants
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. No moving parts.
14. All cars must have the scout's name on the bottom of the car.
15. The car must be made of materials distributed by the troop this year, last years cars are not allowed to race this year.

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. Once the car is impounded, only Pinewood Derby race officials may handle the cars.