



Pinewood Derby Rules

These rules are used to help ensure we have a fair race between all scouts. Please be sure to read and abide by the rules for the race. These rules are intended to maintain the competition to a level at which most Scouts are capable of achieving with minimal adult intervention.

ALL CARS MUST PASS INSPECTION TO QUALIFY FOR THE RACE

Here are the inspection points:

1. All cars must have the **431 brand** visible upon registration & inspection or the car will be disqualified
2. All **431 Branded** car kits will be given out to Den Leaders or can be purchased from the Pack directly
3. The car weight shall not exceed 5.0 ounces. The official race scale shall be considered final.
4. The overall length of the car shall not exceed 7 inches.
5. The overall width of the car shall not exceed 2¾ inches.
6. The car must have 1¾ inch clearance between the wheels.
7. The car must have 3/8 inch clearance underneath the body.
8. The wood provided in the kit must be used. The block may be shaped any way that is desired, but **431 Brand** must be visible.
9. The wheels supplied with the kit must be used. You may remove the seam from the wheels.
10. The axles supplied with the kit must be used. They may be polished or lubricated.
11. The pre-drilled axle on the wood supplied cannot be changed.
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. Only one car may be registered per scout. A second car may be registered for the open class races only.
17. Only dry lubricants such as graphite or powdered teflon "white lube" will be allowed for lubricating the wheels. Lubricants may not foul the track. Only one lubrication is allowed before the beginning of the race.

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.

Please remember that the Scouts should "Do Their Best" and Have Fun!!!

Thank you for helping the Pack "Go"!