

# Rules for District Pinewood Derby

1. Car must be official BSA racer car, BUILT THIS YEAR.
2. Only the wheels, axles and block that are in the kit can be used.
3. After checking in, no adult is allowed within race areas except the starting gate personnel and the judges.

## Car Specification

1. **Width:** Overall width shall not exceed 2 ¾ inches.
2. **Length:** Overall length shall not exceed 7 inches.
3. **Weight:** Weight shall not exceed 5 ounces or .32 hundredths. No loose materials of any kind are permitted in the car. The car may be hollowed out and built up to the maximum weight by the addition of wood or metal only provided it is securely built into the car.
4. **Springing:** The car shall not ride on any type of springs.
5. **Details:** Details such as steering wheel, driver, decals, painting and interior detail are permissible as long as these details do not exceed the maximum length, width and height.
6. **Attachments:** The car must be free wheeling with no starting devices.
7. **Inspection:** Each car must pass inspection by the Derby inspection team before it may compete. The Inspectors have the right to disqualify those cars which do not meet these specifications.

## Building Instruction

1. **Designing the car body:** Choose your favorite design. NOTE: If the car design you choose has a narrow body make sure the areas where the axles are inserted into the body remain 1 ¾ inches wide and in the original slots. Wheels will not fit over the guide strips. NO EXTENDED WHEEL BASES. Bottom of car must be a minimum of 3/8 inches off the track or it will not go down the track.
2. **Wheels:** Remove seer from wheels by lightly sanding. Width of wheels cannot be altered. Wheels must remain FLAT. No MACHNED wheels to smaller size. WASHERS, BUSHINGS, and HUBCAPS are PROHIBITED.
3. **Installation of wheels and axles:** Pre-lubricate axle where wheel rotates just below axle head. Use DRY POWDERED GRAPHITE. DO NOT use regular oil or silicone spray. Slide wheels over axles then gently tap into body grooves to within 1/32 inch of car body. Make sure wheels turn freely.
4. **Other rules:** All rules in car kit, unless otherwise noted in these rules, apply.
5. **No car kits allowed:** These are cars purchased at a hobby shop already made. They DO NOT meet the Scout Pinewood Derby specifications.

Any questions call: Terry Wickey      105 S. Vine, Kewanee      309-853-7489 or 309-853-8388