

# Pinewood Derby Car Specifications

## Tejas Caddo District

1. **ONLY THE OFFICIAL CUB SCOUT PINEWOOD DERBY CAR KIT IS ALLOWED.** The Pinewood Derby car must use wheels, axles and wood from the Derby car kit. **NO SUBSTITUTES!**
2. Width - Overall width shall not exceed 2 ¾ inches.
3. Length - Overall length shall not exceed 7 inches.
4. Weight - Weight shall not exceed 5 ounces. The readings at the registration area will be final. Weight may be removed in the designated area on site if the car exceeds 5 ounces, but no weight will be added if the car weighs less than 5 ounces. Only functional weights may be added. Functional weights meaning: once the car is trimmed to desired design, weight (screws, BBs, fishing weights, bar, coins, washers, etc.) may be added to bring the weight to 5 ounces provided it is securely built onto the body. **NOTE: Mercury SHALL NOT be used for adding weight.** No loose materials or movable weights of any kind are permitted. The car may be hollowed out and built up to the maximum weight by the addition of wood, plastic or metal material, provided it is securely built onto the body. **The scales at the race will be the official weight.** Prior weighing may be different but these are the scales everyone will be tested on.
5. Other - Wheel bearings, washers and bushings are **prohibited**. The car shall not ride on any type of springs. The car must be freewheeling with no starting devices.
6. Details such as steering wheels, drivers, decals, painting, interior detail, fenders, and bumpers are permissible as long as these details do not exceed maximum weight and length of the car or interfere with the inspection process.
7. In order for the wheels and axles on the Pinewood Derby car to be properly inspected, hubcaps and any fenders or bumpers must be able to be removed. No hubcaps will be allowed during race. If the removal of these car parts will be a problem at the race, please have them removed before the car is inspected. Car parts removed before inspection will not be allowed to be reattached after inspection.
8. If the wheels and axles of the car cannot be properly inspected from all angles (any interference from car parts), the car will be disqualified from racing. Any parts that fall off during racing and cause damage to another car will automatically disqualify that car. Cars must be made from current Scouting year. No car from previous years may compete. Each car must pass inspection by the Official Racing Committee before it may compete. The inspectors have the right to disqualify those cars which do not meet these specifications.