



## Cades Cove District 2022 Pinewood Derby Rules

**Overall:** All cars must be built for the current Pinewood Derby Racing Season. **NO PREVIOUS SEASON REPEATS or REPAINTS.** In order to race, the youth must be a registered Cub Scout for 2022.

Cars must be built, tuned, and aligned with the racer, adult supervision is encouraged. Remember this is supposed to be a fun project with your Scout. Cars may not be sent to third party facilities for tuning or other performance enhancements.

### **Body:**

The main body structure must be made of wood. Cars that were purchased completed may not be used. Any wood other than **PINE** may not be used. If the builder lacks the resources to cut out a car from a stock block of wood, attendance at a workshop (den/pack) is strongly encouraged. The Pinewood Derby kits that are available for purchase from Michaels, Hobby Lobby etc. may be used as long as they have the holographic BSA sticker saying "BSA Approved". Pinocar, Awana, and any other Pinewood Derby kits may not be used.



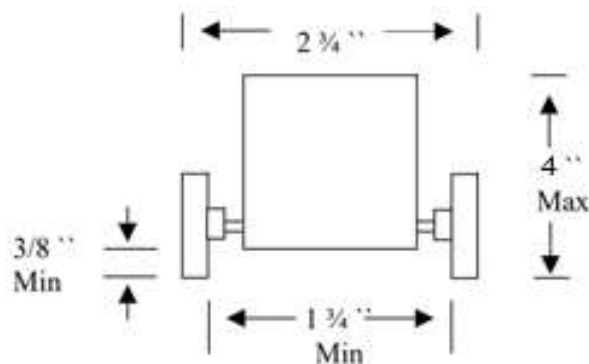
### **Car Specs:**

- A. Width** - Not to exceed 2 ¾ inches
- B. Length** - Not to exceed 7 inches
- C. Weight** - Not to exceed 5.0 ounces (scale is accurate to 1/10 ounce)
- D. Height** - Not to exceed 4 inches
- E. Clearances** -

**Center Rail Width:** Must clear center guide rails, typical no less than 1 ¾ inches min.

**Bottom:** No less than 3/8 inches from track surface between center rails.

**Other:** Fender flairs (wood or plastic) with less clearance are acceptable as long as the center rail width clearance is maintained. Weights are preferred to be inset in the body or on top of the car to aid in a safe stop at the end of the track. No part of the car or attachment to any car, which is metal, pointed, sharp, and/or jagged, may be capable of contacting any part of the track.







**Inspection:**

Each car must pass inspection before the start of the race to verify it meets these rules. **Any car not meeting the above rules will be disqualified.** Any adult or Scout may appeal the findings but the Pinewood Derby Commissioner (the person in charge of the District race) makes the final decision. After acceptance only race officials will handle the cars.

**Weights:**

Tungsten, Lead(Pb), steel, coins, just about anything has been used to get the weight of the car up to 5.0 ounces. Whichever weight you decide to use, the weight must be affixed to the car so that it meets the rules above. If you decide to use Lead(Pb), the drilling/removal of Lead(Pb) will **NOT** be allowed at the race venue or at check-in time due to the toxicity of the material. All Lead(Pb) must be completely sealed and safe from all possible contact with youth.

**Repairs:**

Any car damaged by the race may be repaired. The Cub Scout is in charge of making any repairs. Adult guidance is allowed and encouraged. Repairs can be done before the next heat that car races in starts. If a car cannot be repaired by that car's next heat, we will have to move on with the race without that car. If that car races immediately in the next heat, it will be up to the Pinewood Derby Commissioner (the person in charge of the District race) to set a reasonable repair time based on the repair needed.

**Behavior:**

Good Sportsmanship and behavior is expected by everyone. Anyone, **Scout or adult** not following this rule may be asked to leave. We are here to have fun and encourage everyone to have a good time.