

Oconee District Pinewood Derby

Car Construction Specifications 2019:

1. Axles, wheels, and body wood must be from the **Official BSA Pinewood Derby Kit** or the **Official Pinewood Derby Wheels and Axles** kit (colored wheels). Kits purchased at hobby shops or internet sites are not the same as the BSA kit and will not be allowed.
2. The width of the car will not exceed **2 ¾"**. The length of the car will not exceed **7"** (The original length of the wood in the Pinewood Derby kit may exceed the 7" limit for racing, and should be trimmed). Any details added must keep the car within the length, width and weight limits. Width and length will be checked using a template.
3. Wheelbase measures **4 3/8"** (the distance between the axles). Location of the axles cannot be altered. Axle location will be checked using a box template. Axles must remain visible for inspection.
4. The front center of the car should not be pointed, and should be flat so that the car will rest securely on the starting pin. No portion of the front of the car can extend beyond the front center of the car.
5. The clearance beneath the car should be a minimum of **3/8"**. Less than this and the car may drag on the center strip of the track.
6. The weight of the car will not exceed **5.0 ounces** as measured with official scales, set with an official weight, as provided by the District.
7. Wheel bearings, washers, bushings and springs are prohibited on the wheels or axles.
8. The car must be freewheeling with no starting devices.
9. Wheels and axles can be sanded **for smoothness only**. Wheels **cannot be altered** in any way (width or shape). If there is a problem with your wheels you should purchase a new set instead of trying to alter them.
10. No loose materials of any kind are allowed in or on the car. Weights must be firmly attached.
11. **If weights or any other item falls off of the car, including wheels, the car must continue to race without that item.**