

Rules for Building your Pinewood Derby Car

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Scouting America's Pinewood Derby Car Building

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According to the Scouting America's Cub Scout Leader How-To-Book, the general rules are as follows:

All cars must pass the following inspection to qualify for the race:

1. Width shall not exceed 2-3/4 inches.
2. Length shall not exceed 7 inches.
3. Weight shall not exceed 5 ounces.
4. Axles, wheels, and body shall be from the materials provided in the kit. Additional wheels can be purchased separately.
5. Wheel bearings, washers, and bushings are prohibited.
6. No lubricating oil may be used. Axles may be lubricated with powdered graphite or silicone.
7. The car shall not ride on any kind of spring.
8. The car must be free-wheeling, with no starting devices.
9. No loose materials of any kind are allowed in the car.