

Rainier District Pinewood Derby Rules 2025

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 Scout Shop kit.
5. Additional wheels can be purchased separately. Wheels and Axels must be official BSA sanctioned wheels.
6. Wheels must not be shaved from the inside/outside other than to correct minor factory imperfections (wheels must be original dimensions or within .05mm of factory dimensions)
7. Wheel bearings, washers, and bushings are prohibited.
8. No lubricating oil may be used. Axles may be lubricated with powdered graphite or silicone.
9. The car shall not ride on any kind of spring.
10. Four wheels and four axles must be present on the vehicle. Three wheels must always be in contact with the track.
11. Car must always remain in its own lane.
12. No portion of the car may protrude past the starting gate of the track during staging.
13. The car must be freewheeling, with no starting devices or propulsion.
14. No loose materials of any kind are allowed in the car.

Once a car has been through inspection it will only be handled by the event staff until after the race. Event staff have the final say in all rules and regulations for the event. Remember this is a fun event for the Scouts! Everyone present needs to model Scoutlike behavior for the youth.

