

# Rio Del Oro District Pinewood Derby 2017

## CAR SPECIFICATIONS:

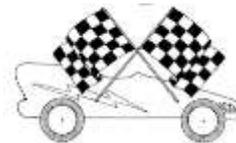
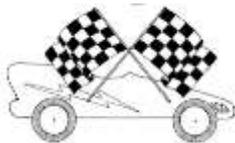
- **Maximum width - 2-3/4"**
- **Maximum Length - 7"**
- **Maximum Weight - Not to exceed 5 Ounces**
- **Minimum width between wheels - 1-3/4**
- **Minimum bottom clearance underneath the body (so it does not rub on the track guide) - 3/8"**

## RULES

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1. Only Official BSA Grand Prix Pinewood Derby Kits, wheels, and nails are permitted.
  2. Wheels may only be lightly sanded to smooth out molding imperfections in the tread area. Beveling, tapering, thin sanding, wafering, or lathe turning of the wheels is prohibited.
  3. Motors, engines, or other propulsion may not be used other than for non-functional style. The Minimum Front Nose Width shall be at least 0.5" and parallel with the front axle to operate properly on the track and must be no more than 3.5" in height.
- Wheel bearings, washers, and bushings are prohibited.
  - The car shall not ride on springs or have any loose objects that can carelessly fall off.
  - Only dry lubricant is permitted (Graphite).
  - Details, such as steering wheel and driver are permissible as long as these details do not exceed the maximum length, width and weight specifications.
  - Each car must pass inspection by the official inspection committee before it may compete.
  - If, at registration, a car does not pass inspection, the owner will be informed of the reason for failure, and will be given time within the official weigh-in time period to make possible adjustments.
  - After final approval, cars will not be re-inspected unless the car is damaged in handling or in a race.

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## Process

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Step one:        Inspection desk / weigh-in

Step two:        Hold onto your vehicle, return to your area and wait to be called to the track.

Every qualified car will race 4 times per registered classification, rotating lanes on the track for each consecutive race.

If a car does not reach the finish line, it will be considered a complete run and the race will continue.

If a car derails and does not effect another vehicle, the race will continue into the next rotation.

If a car derails and affects another participant's car, that run will be repeated. If it derails a second time and affects another participant's car, the run will be repeated, but the derailed car will be disqualified for the repeated run and continue again for the next rotation.

When a racer is called to the track, they will present the car to the "Track Operator" to place on the track. At this time, the racer should walk to the opposing end of the track and wait for their car. When the car reaches the end of the track, the Car's Owner or representative should return the car to the Track Operator for the next rotation. As a car rotates off the track, the next Racer will be announced.

At no time should anyone cross "over" or step onto the track. Walking feet should be used at all times. If any person should not agree with a decision called out, please be respectful to the other racers and talk privately to an official.

All track records are recorded by computer and will be printed after the final "Top Qualifiers race". Alternate races will not be recorded. The top Four winners of the "Finalists" race will be announced and asked to come forward to receive their trophies. We will ask that all winners stay together to allow a brief moment for pictures to be taken.

**Additional notes:** ✓ We are here to have **fun**, but first and foremost **SAFE!**

✓ A Scout is Respectful, so be kind with your words and your actions.

✓ Scouts, let's start your engines!