



Preliminary inspection - Pinewood Derby

Cub Scout: _____ Car # _____

- _____ 1. Dimensions: Width: - 2-3/4"
Length: - 7"
Wheelbase between front & rear axles: - 4-3/8"
Bottom clearance: - 3/8"
- _____ 2. 5.00 Ounces max weight (Pack Scale)
- _____ 3. Wheel bearings, washers, and bushings are prohibited
- _____ 4. The car shall not ride on springs
- _____ 5. Axles, wheels, and body shall be from the materials provided in the official Cub Scout Grand Prix Pinewood Derby kit. Only minimal wheel treatment and non-grooved axels are allowed.
- _____ 6. The original axel slots **MUST** be utilized **AND** visible.
- _____ 7. Only dry powdered lubricants such as graphite or powdered Teflon "white lube" is permitted. Oils and silicone sprays are prohibited. If there is no visible evidence of Graphite inquire if other lubricant was used. Some examples of **ILLEGAL** non-graphite liquid lubricants are Krytox 100, XOil, Nyoil, 3in1, and WD40.
- _____ 8. Details, such as steering wheel and driver are permissible as long as these details do not exceed the maximum length, width and weight specifications. No loose materials of any kind are allowed on the car.
- _____ 9. The car must be free-wheeling, with no starting devices.
- _____ 10. The car and all components must have been made during the current year from the kit provided.

Note: 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 the adjustment. After final approval, cars will not be re-inspected unless the car is damaged in handling or in a race.

The above is only meant as a brief overview of Pack 4 Derby rules. For the complete, up-to-date, race rules see the Pack 4 web site.