

Pinewood Derby Inspection Guide

(rev. February 2, 2008)

Be very careful when handling the cars!!

GENERAL

1. No wet or sticky finishes.
2. Weight 141.75 grams maximum.
3. Shake ***lightly*** to confirm no moving parts.
4. No part of the car extends beyond the point where the car touches the starting pin.

WHEELS AND AXLES

5. Official BSA wheels.
6. Tread bumps on sidewall are visible all around the wheel.
7. Track-surface tread is flat and parallel to the axle.
8. Check that wheels are not “narrowed” by looking at them head on.
9. Official BSA axles.
10. Confirm that no liquid lubrication was used. Use torn paper towel and magnifying glass.
11. ***Carefully*** check that all 4 wheels spin freely
12. No bearings, washers, sleeves, bushings, springs, or suspension devices.

DIMENSIONS (using jigs where appropriate)

13. Width Between Wheels: 1 $\frac{3}{4}$ ” minimum
14. Clearance Under Car: $\frac{3}{8}$ ” minimum with nothing extending under car except wheels.
15. Length: 7” maximum
16. Wheelbase: 4 $\frac{3}{8}$ ” maximum (measure)
17. Width Overall: 2 $\frac{3}{4}$ ” maximum (measure)
18. Height Overall: 3” maximum (measure)