

2026 Spirit Lake

PINEWOOD DERBY RULES



DIMENSIONS

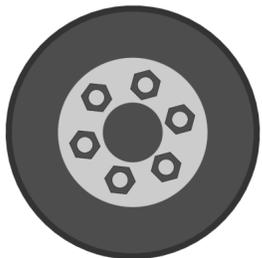
Overall length $\leq 7''$
Overall height $\leq 3''$
Overall width $\leq 2 \frac{3}{4}''$
Clearance between wheels $\geq 1 \frac{3}{4}''$
Underbody clearance $\geq \frac{3}{8}''$

WEIGHT

Weight ≤ 5 oz.
Official scale reading final.
No liquids/loose materials.
Add'l weights may be added in any manner as long as it doesn't violate other rules.



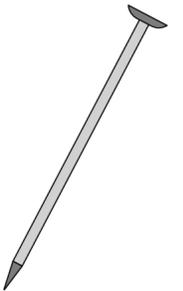
WHEELS



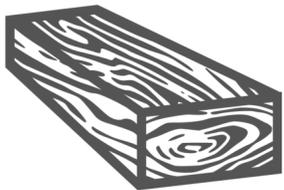
May lightly sand to reduce imperfections.
No beveling, grooving, tapering, thin sanding, weighting, or lathe turning.
Car must have 4 wheels mounted in axles.
At least 3 wheels must touch the track.
Colored wheels OK

AXLES

Dry lubricant only (powdered graphite or silicone). No lubricating oil.
Axles may not be altered other than deburring, polishing, or slight bending.
No wheel bearings, washers, bushings, springs, or hub caps.



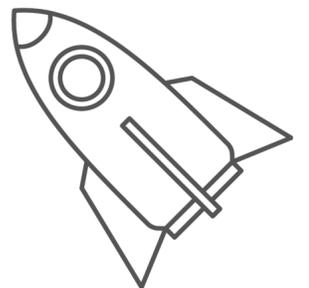
SHAPE



Shape the block however you like as long as it doesn't violate other rules.
Cars should not come to a sharp point.
Front of car should be at least $\frac{1}{2}''$ wide for proper positioning at starting gate.

NO ROCKET CARS

Cars must be freewheeling, with no starting or propulsion devices.
No sticky substances on the nose to aid in starting.



OFFICIAL PARTS



All parts, other than decoration, must be official BSA Grand Prix Pinewood Derby products.

NO INTERFERENCE

Cars must physically fit on track without interfering with other vehicles, and must roll smoothly on the track.



ORIGINAL ENTRIES

Cars must be made during the current year.
Bottom of car must be labeled with Scout's name, rank, & pack number.

IMPOUND

Scouts will have an opportunity to correct issues before check-in.
No additional modifications may be made after check-in.

