

PACK 318 PINWOOD DERBY RULES

1. LENGTH, WIDTH, AND CLEARANCE:
 - A. Maximum overall width (including wheels and axles) shall not exceed 2-3/4".
 - B. Minimum width between wheels shall be 1-3/4", so car will clear the center strip.
 - C. Minimum clearance between bottom of car and track shall be 3/8", so car will clear center guide strip.
 - D. Maximum overall length shall not exceed 7".
 - E. There is no height limit

2. WHEEL BASE:
 - A. There is no wheel base limit so long as it does not make car exceed 7" length limit.

3. WEIGHT AND APPEARANCE:
 - A. Weight shall not exceed 5 ounces. *The readings of the Official Race Scale will be considered final.* The car may be hollowed out and built up to the maximum weight by the addition of wood or metal only, provided it is built into the body or firmly affixed to the car. No taped on weights will be allowed.
 - B. No moving weight or mercury shall be used for adding weight.
 - C. Details such as steering wheel, driver, spoiler, decals, painting, and interior details are permissible.

4. WHEELS AND AXLES:
 - A. Only the official Scout Grand Prix wheels and axles can be used. NO custom ordered or fabricated wheels or axles will be accepted.
 - B. Wheels and axles can be modified, except as noted below:
 1. Wheel bearings, washers or bushing are prohibited.
 2. Wafer, peaked, concaved, convexed and H wheels are prohibited.
 3. The car shall not ride on any type of springs.
 4. The car must be free-wheeling with no starting device or other propulsion.
 5. Axles must be installed on the car block parallel to the surface of the track (axles must not be installed at a deliberate angle into the car).
 6. No hubcaps.

5. LUBRICATION:
 - A. Only dry powdered lubricants, such as graphite, may be used. NO liquid or spray lubricants may be used.
 - B. Cars may be lubricated before inspection. NO further lubrications will be permitted after official check-in.

INFRACTIONS OF THE RULES WIL RESULT IN DISQUALIFICATION OF THE CAR. THE DECISION OF THE RACE OFFICIALS WILL BE FINAL.

6. GROUND RULES:

- A. ***Good sportsmanship is a must.*** Unsportsmanship like behavior on the part of any participant or spectator will result in immediate expulsion from the event. Additional penalties may be imposed if the pack committee determines they are warranted.
- B. Cars must have been made for this race. Cars made for a previous derby are NOT permitted.
- C. Race results will be determined by electronic timing. All cars will run on at least three different lanes. The fastest cumulative time will determine the winner. In the event that the tracks electronic timing mechanism fails, a system of heats and points will be used and the following rule will apply. There will be three judges at the finish line. Any difficulty in determining places will result in the race being rerun.
- D. If a car leaves its lane and interferes with another car, or jumps off the track, the race will be run again. If the same car leaves its lane and interferes with another car or jumps the track a second time, it will automatically be disqualified.
- E. If a car hangs at the top of the track, the race will be run again. If the same car hangs up again in the same lane, it will automatically be disqualified.
- F. If a car suffers a mechanical problem, loses an axle, breaks a wheel, etc. and a repair can be accomplished within three minute time limit, the race will be run again. If not, the car will be automatically be disqualified.
- G. Only race officials and boys racing will be permitted into the track area. Once a car has been registered, it will be placed on a viewing rack and will be handled by race officials only, unless there is a mechanical problem.

These rules will be strictly enforced.