

LAKE MINNETONKA DISTRICT PINWOOD DERBY RULES 2003

SPECIFICATIONS:

1. All racers are expected to be **IN UNIFORM**
2. **Complete Derby Kit #1622** must be used at the District Race. The ONLY MATERIALS, not in the Official Grand Prix Pinewood Derby Kit #1622 Copyright 1985 BSA, that are permitted are outlined in racing specifications #4 – “**Weight**” and #8 – “**Details**”.
No other after market parts allowed. Among other things, this rule means that the ***OFFICIAL WHEELS AND AXLES MUST BE USED without modifications. NO EXECPTIONS!***
3. GRAPHITING (or other lubrications) WILL BE PERMITTED AT THE DISTRICT CHAMPIONSHIP. The institution providing us with a location for our race does *NOT* want graphite smudges, etc. Therefore a “***DIRT TEST***” will be done. All cars will be placed on a white surface and each end individually lifted one inch and tapped to remove excess lubrication.
4. NO lubrication containers of any type will be allowed in the building.
DO YOUR LUBRICATING AT HOME!

OTHER REASONS FOR DISQUALIFICATIONS:

1. Exceptions to any of the specifications (listed on kit information sheet under “*Racing Specifications*”). A drill will be provided to bring weight within specs.
2. **Unscoutlike Conduct** of participants, such as combative behavior, **is not permitted.** (*Body English, whistling, yelling, and groaning are permitted.*)
3. Presence of non-participants (parents, brothers, sisters, etc.) in the racing area is not permitted. Only the Cub Scouts participating and the Official Race Committee will be permitted in the race area.

OFFICIAL RACING SPECIFICATIONS:

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| 1. WIDTH | Overall width shall not exceed 2-3/4 inches. |
| 2. LENGTH | Overall length shall not exceed 7 inches. |
| 3. HEIGHT | Overall height shall not exceed 2-5/8 inches (To go under electronic finish line) |
| 4. WEIGHT | Weight shall not exceed 5 ounces. All cars weighed by District scale. No loose materials of any kind are permitted in the car. The car may be hollowed out and built up to the maximum weight by addition of wood, metal, or plastic provided it is securely built into the body. |
| 5. WHEELBASE | Overall wheelbase shall not change from what is provided with kit #1622. |
| 6. WHEELS/BEARINGS | Wheels and plated pins (axles) of the type supplied with the Official Car Kit MUST be used. NO SUBSTITUTIONS. The wheelbase (distance between the axles) is not to be changed. Washers and bushings are prohibited. <u>No changes to the shape of the wheels are allowed EXCEPT</u> removal of the seam as shown in the kit instructions. This means no tapering, grooving, grinding, ridging, or turning down, etc. |
| 7. SPRINGING | Cars <u>shall not</u> ride on any type of <u>springs or suspension.</u> |
| 8. DETAILS | Details such as steering wheel, driver, decals, painting, and interior details are permissible as long as those details do not exceed the maximum length, width, height, or weight specifications. |
| 9. ATTACHMENTS | The car must be free wheeling with <u>no starting devices.</u> |
| 10. INSPECTION | Each car must pass inspection by the Official Inspection Committee before it may compete. The Inspectors have the right to disqualify those cars that do not meet these specifications. |
| 11. | No car from a previous year may race this year. |

THE DECISIONS OF THE DISTRICT RACE COMMITTEE ARE FINAL!