

PLEASE MAKE CERTAIN YOUR CUB SCOUTS ARE AWARE OF PACK 85's RULES!!

LENGTH, WIDTH, AND CLEARANCE

1. Maximum overall width (including wheels and axles) shall not exceed 2-3/4".
2. Maximum overall length shall not exceed 7".
3. Maximum overall height shall not exceed the clearance height of the finish gate (estimated ~5")
4. Minimum width between wheels shall be 1-3/4" so car will clear the center guide strips.
5. Minimum clearance from bottom of car to track shall be 3/8" to avoid grinding on the guide rails.
6. Front of car must be pointed or flat, not concave or reverse "V" shaped.
7. IF A CARS DIMENSIONS CAUSES IT TO INTERFERE WITH CARS IN OTHER LANES, THE HEAT MAY BE RERUN AND THE CAR MAY BE DISQUALIFIED FROM COMPETITION

WHEELS, HUB CAPS, AXLES AND WHEELBASE

1. Only the official SCOUT GRAND PRIX wheels and axles can be used. AXLES may be polished.
2. Wheels may be lightly sanded to remove mold imperfections on the tread. This light sanding is the only wheel modification allowed. Beveling, tapering, thin sanding, wafering, or lathe turning of the wheels is prohibited. *THE TREAD MUST BE FLAT ACROSS.*
3. Wheel bearings, washers, or bushings are prohibited.
4. Cars shall have at least 4 wheels, 3 or more of which must touch the track at all times.
5. The car must have no start device, magnet, or other propulsion, and not ride on any type of spring.
6. THE WHEELBASE (DISTANCE BETWEEN THE FRONT AND REAR AXLES) MAY NOT BE CHANGED FROM THE KIT BODY. Axles must be installed in the grooves provided in the kit body. Maximum allowable distance from front of car to front axles is 1-1/2".
7. "Speed upgrade" axles/wheels which have special coatings and wheel treatments are prohibited.

LUBRICATION

Only powdered graphite may be used. Oils, liquids, greases, and silicon sprays prohibited.

WEIGHT AND APPEARANCE

1. MAXIMUM 5 OZ WEIGHT LIMIT. The final weight reading of the OFFICIAL RACE SCALE rules. LOOSE MATERIALS that shift car weight or may fall off car are prohibited in or on the car.
2. Mercury shall not be used for adding weight. It is a potential health hazard.
3. At least half of car body (disregarding weights) must be wood.
4. Details such as steering wheel, driver, spoilers, decals, painting, and interiors are permissible, as long as these items do not exceed the maximum length, width, and weight specifications.

INSPECTION

1. The front and back of car should be designated on car bottom and may not be changed during race.
2. Cars must be lubricated before inspection. No further lubrication will be permitted during the race.
3. Length, width, weight, height (5") and clearance dimensions.
4. Each car must pass inspection by the OFFICIAL INSPECTION TEAM before it may compete. The inspection team has the right to disallow cars that do not meet these rules. Car owners will be informed of infractions and given the opportunity to correct their cars before inspection closes.
5. *Once checked in, no car may be removed from pit area without being re-inspected by the Official Inspection Team.*
6. Wheels or weights that fall off while racing may be re-secured to car under supervision of the Official Inspection Team. No lubrication or other alterations may be made. Cars repaired this way must be approved by Official Inspection Team before racing again.
7. Cars must be made for THIS YEAR'S DERBY. Cars from a previous derby are not permitted.
8. Any participant (including the parent of the participant) has the right to appeal to the RACE COMMITTEE for an interpretation of the rules.
9. Ungentlemanly, unsportsmanlike, or unCUBlike behavior conduct by any participant or member of the audience will be grounds for expulsion from the competition and/or race event area.

SLOWEST CAR RULES – The "I DEFIED THE POWER OF GRAVITY!" Award

Cars must trip finish line timer under own power (w/o being pushed). CAR MUST COMPLETE AT LEAST 3 FULL HEATS TO QUALIFY. Slowest total time of 3 completed heats wins!

DO YOUR BEST!!!

We will Do Our Best to ensure each Scout will have an equal chance for success; however, all decisions by the judges are FINAL. We expect in the SPIRIT OF SCOUTING, all cars entered will have been made with Scout involvement (not purchased pre-cut cars from online or hobby shops or parent-only made cars) for this year's competition and have not been entered in any previous year's competition.