

Pack 85 Pinewood Derby Construction Regulations

1. Cars shall be constructed from the official Pinewood Derby "Grand Prix" Kit. Pack 85 will not deviate from the rules provided. Pack 85 will purchase and deliver the car kits to all current and registered scouts at the January Pack meeting. **NO SCOUT OR ADULT SHOULD PURCHASE THEIR OWN CAR KIT.**
2. Cars shall not exceed a maximum of 7 inches in length, including accessories such as tail pipes, bumpers, etc. that may be added for ornamentation.
3. Overall width of car from outside of wheel to outside of wheel shall not exceed 2 3/4 inches.
4. Cars may be weighted not to exceed 5 oz.
5. Cars must have a minimum of 3/8-inch ground clearance.
6. If cars are weighted on bottom, they should be drilled or slotted so weight can be inserted so as to leave a flush surface that is relatively flat and smooth. It is suggested that lead be used to fill slots or grooves.
7. Only the wheels and axles supplied with the "Grand Prix" Kit are permissible.
8. The small burrs on the axle may be filed or sanded off.
9. The wheel mold seam may be sanded, filed or turned off, leaving a relatively flat, smooth tread surface. In no way, shape or form may the wheel treads be shaved to a point, rounded, sloped, peaked, wafered, tapered, "H'ed OR "Ved".
10. Absolutely no springs, spacers, washers, bushings, bearings, etc. shall be attached to, mounted on or used in any way, shape, or form on the wheels, axles or axle slots.
11. Axles may be lubricated with any dry lubricant such as graphite. **Once the car is placed on the competition table it may not be lubricated again.**
12. Car may be shaped in any manner you desire, but when designing keep in mind to make it sturdy, especially around the axle slots.
13. Cars may be painted and decorated to your own choice of design.
14. If any additional decorative items are used on the car they must be securely attached. No loose items will be permitted on the cars.
15. All cars must be built during the current school year. Cars from previous school years may not be raced.
16. Axles cannot be moved forwards, backwards or further apart, but original slots can be trued. Axle positions will be measured at weigh-in.

These rules and regulations are to be adhered to with no exceptions permitted. All cars will have to pass an inspection test during the pre-registration phase. Every attempt will be made to address a problem at this time so as to allow for corrective measures before the race. On race day the car will again go through a series of checks to ensure compliance with regulation and allow each racer to "Do His Best".

Once the car has been placed on the competition table, it cannot be removed until it loses for any REASON.