

## Pack 47 2020 Pinewood Derby Rules

### **Not all Pinewood Derby Rules are the same, so please read all the rules. NEVER assume anything.**

- The cars must be present at the start of racing. Once racing starts, additional cars cannot be entered.
- Cars must have been constructed in the 2019-202 Scout Year.
- Car width shall not exceed 2  $\frac{3}{4}$ ". Car length shall not exceed 7".
- Car weight shall not exceed 5 oz.
- Car width between wheels must be at least 1  $\frac{3}{4}$ "
- 4  $\frac{1}{2}$ " is the maximum distance between front and rear axles
- Use of axle slots is NOT a requirement. There is no minimum distance requirement between axles.
- Car bottom clearance between car and track surface must be at least  $\frac{3}{8}$ ". Recess the weights on the bottom of the car.
- Don't use axle guards because they may violate the  $\frac{3}{8}$ " clearance under the car rule.
- Car is required to have at least 4 wheels. Car may ride on 3 wheels. One wheel is allowed not to touch.
- Only powdered graphite is permitted.
- NO wet lubricant is permitted.
- After the car goes to the Pit area, NO more graphite can be added to any car at any time. No adding graphite between races.
- Must use BSA wheels, BSA axles, and BSA car body.
- The wheel's tread area must remain flat (parallel) to the wheels hub and cannot be altered, but light sanding is permitted.
- All parts and weights must be secured to car. Any weight that falls off the car during the race stays off for the duration of the race.
- No liquid mercury.
- Wheel bearings, washers and bushings are prohibited. Washers may be used as weight as long as they do not touch the wheel.
- The car shall not ride on springs. No wheel covers or hubcaps.
- Details, such as steering wheel and driver are permissible as long as these details do not exceed the maximum length, width, height, and weight specifications.
- The car must be free wheeling, with no starting devices, magnets, slip weights, or adhesives.
- All parts of the car must rest behind the gate side of the starting post. The front part of the car which will rest on the starting post must be at least  $\frac{1}{4}$ " wide and not pointed.
- Each car must pass inspection by the Official Inspection Committee before it may compete.
- If, at check-in, a car does not pass inspection, the owner will be informed of the reason for failure, and will be given time within the official check-in time period to make the adjustment.
- A car is NOT declared as passing any part of the inspection until it has passed all of the inspected areas at one time.
- It is the responsibility of the racer to make sure their car is facing the proper direction on the track at the starting line and that their car is placed on the proper lane. Any problem must be immediately addressed before that race begins.
- The finishing order determined by the finish line will stand as the official results.
- If a car jumps the track and interferes with the other cars, then the heat will be rerun.
- Cars that don't pass inspection may be allowed to race, but they will not be eligible for prizes.