



# BOY SCOUTS OF AMERICA®

## LONG BEACH AREA COUNCIL

### **2016 Outlaw Race - Pinewood Derby Rules**

**Overall:** New for 2016! The adult 'Outlaw' race brings all of the excitement of the Cub race, but Adults get to build their own cars! Racers must accompany their cars for the duration of the event.

#### **Body:**

The body, where the axles are attached, must be made of wood.

#### **Car Specs:**

- A. Width - Not to exceed 2 3/4 inches
- B. Length - Not to exceed 7 inches
- C. Weight - Not to exceed 8.0 ounces on scale accurate to 1/10 ounce.
- D. Height - Not to exceed 4.25 inches
- E. Clearances:
  - 1) Center Rail Width: Must clear center guide rails, typically no less than 1-3/4 inches minimum.
  - 2) Bottom: No less than 3/8 inches from track surface between center rails. NOTE: Most aluminum tracks have more space available for the bottom attached weights sold at BSA stores and should be allowed.

#### **Other:**

- 1) Fender flairs with less clearance are acceptable as long as the center rail width clearance is maintained.
- 2) Weights are preferred to be inset in the body or on top of the car to aid in a safe stop at the end of the track.
- 3) No part of the car or attachment to any car, which is metal, pointed, sharp, and/or jagged, may be capable of contacting any part of the track at any time.

#### **PROHIBITED Items:**

- A. Starting devices or propellants.
- B. Electronic or lighting devices that interfere with the race electronics.
- C. Liquids, wet paint, oil, sticky substance, or powders of any kind (other than axle lubrication).
- D. Glass or excessively fragile parts.
- E. Detachable components that do not finish the race attached to the car.

### **WHEELS:**

There must be at least four wheels on the car, however, it is not required that all four wheels make contact with the track surface.

**No part of the car or any attachment to the car may be capable of coming into contact with the track other than the wheels.**

### **AXLES:**

Axles must be mounted into the wood sections of car. Drilled holes or slots can be used.

### **Approved lubricants are limited to graphite, Teflon, Nyoil, and Krytox.**

Over-application of lubricant which results in excessive shedding onto the track is not allowed.

### **INSPECTION:**

Each car must pass inspection by the Official Inspection Committee before it may compete. The Inspectors will disqualify any car not meeting these rules. Any adult may appeal the findings of the Inspectors to the Race Committee Chair-person, whose decision is final. After acceptance only race officials will handle the cars. Cars may be reclassified or disqualified if they are determined by the race officials to not meet these requirements.

### **REPAIRS:**

All repairs will be done at the impound table under the supervision of the referee. Racers may adjust the cars as they see fit between heats, but any car not ready to race at the start of the heat will be disqualified.

### **BEHAVIOR:**

GOOD SPORTSMANSHIP AND BEHAVIOR IS EXPECTED. Race Officials may ask anyone not following this rule to leave.

### **QUESTIONS:**

Questions may be addressed to the Race Officials. The Council Derby Event Chair may be contacted at [sparky\\_90806@yahoo.com](mailto:sparky_90806@yahoo.com) or the staff advisor [rebekah.havard@scouting.org](mailto:rebekah.havard@scouting.org)