

CUB SCOUT PACK 262

PINEWOOD DERBY INSPECTION RULES

- All cars must be made from kits sold by BSA. Use the one the pack provided to you.
- All cars must fit in the length, width, height box. (7" L x 2 $\frac{3}{4}$ " W, 4" H)
- All cars must clear center guide strip (3/8" H and 1 $\frac{3}{4}$ "W)
- All cars must have a 4 $\frac{1}{4}$ " wheel base, see the wheel base board.
- All decorations must be securely affixed to the car.
- No loose material of any kind is permitted.
- Transferring weight or liquid weight is **NOT** allowed.
- Weights must be securely fastened and not be permitted to shift in any way.
- Axles, wheels, and main body of the car **MUST** be from materials provided in the Pinewood Derby kit. **NO PRECUT CARS.** You will not be allowed to race. Only use the kit provided to you through BSA for the wheels, axles, and body.
- Axles are "pin" type, **NOT** "single". 4 pins hold wheels to cars.
- Wheels are stamped "**OFFICAL BSA**".
- No bushings or washers of any kind may be used on the wheels.
- The axle material may not be altered in any fashion.
- The wheels can not be sanded at an angle or to any type of ridge. Wheel treatment (hub and tread smoothing and polishing) may not result in substantial removal of mass nor in reducing the wheel width from the original kit wheels. Some of the original "tread marks" on the wheel face must remain intact (i.e. Apparent to the Inspector). Wheels may not be machined to a beveled condition and the portion of the wheel surface that contacts the track must remain parallel to the axle.
- No lubricating oil allowed. Graphite only.
- The car shall not ride on any kind of spring.
- The car must be free wheeling with no type of starting device.
- Cars must weigh 5 oz (141.5 grams) or less.
- All decisions of the judges are final.