

## 5. Checklist

- Car substantially built by the Scout
- The body made from the block of wood provided in an official B.S.A. PD Kit (Item 17000 or 17006)
- The maximum car width, including wheels, does not exceed 2.75 inches
- The maximum car length does not exceed 7 inches
- The maximum car height does not exceed 5 inches
- The total car weight does not exceed 5 ounces
- The car axles are from the official B.S.A. PD Kit (Item 17006) or an official PD wheel replacement kit (Item 17007 or 17553,-54,-55,-56,-57)
- Use the axle grooves provided on the official wood block
- Wheel base is not extended
- Axles are not solid
- The car wheels are from the official B.S.A. PD Kit (Item 17006) or an official PD wheel replacement kit (item 17007 or 17553,-54,-55,-56,-57)
- Followed proper wheel profile
- The decorative dots on the wheel treads are not removed
- The wheels are attached to the car with the pins provided in the kit
- No bearings, washers, or spacers are used as part of the wheel assembly
- Wheel width is 0.34 inches
- Wheels not designed to ride upon the track guide strip
- Only graphite powder or the new B.S.A. white lube T102/polytetrafluoroethylene used to lubricate wheels
- The car is not designed such that it attains a head start upon race commencement
- The car motion is not mechanically aided
- There are not any sparkles or glitter that could fall off the car and affect the track