

18 – Wheeler Rules

Please read these rules carefully. Failure to comply with any of the rules could result in disqualification.

CONSTRUCTION:

The 18-Wheeler **chassis must** be constructed from the material supplied in the kit. The 18-Wheeler must be built new this Scouting year. The two sections (cab and trailer) of the 18-Wheeler must be able to be separated, and the cab section **must** also be able to move through 180 degrees.

SPECIFICATIONS:

- A) **WIDTH**.....Overall width not to exceed 85mm
- B) **LENGTH**.....Overall length not to exceed 445 mm.
- C) **HEIGHT**.....Overall height not to exceed 115 mm.
- D) **CLEARANCE**....Clearance between the lowest part of the truck's body and the bottom of the wheels must be 10 mm.
- E) **TRACK**.....The wheels must be a minimum of 44.45mm apart to fit the track properly.

WEIGHT: Weight added to the 18-Wheeler must be **flush** with the bottom of the 18-Wheeler; the maximum weight of the 18-wheeler **must not be more than 750 grams**.

WHEELS: Only the wheels provided in the kit may be used. Wheels that have been sanded excessively will be disqualified from racing. Axles may be polished and any spur removed, but washers or bushings **must not** be used. **Wheels may not have hubcaps: axles must be visible.**

FINISHES: The **bottom** of the 18-Wheeler should **not be painted** between the axles. The Name, Troop or Company and Year should be on this unpainted area.

SUSPENSION: The 18-Wheeler must be freewheeling and shall **not** ride on any springs or use any self-starting device or any means of propulsion.

ATTACHMENTS: Any design can be built – use your imagination – as long as the 18-wheeler is within the specifications as shown above – any extra material or parts are acceptable as long as they are safe and secure.

LUBRICATION: Any lubricant can be used. NO LUBRICATION may be added after the 18-Wheeler has been weighed in and put into the Pit Area.

REPAIRS: If repairs are required, they must be approved and monitored by the Pit Officials.

NUMBERS: We will provide your 18-Wheeler with a Race number at the registration.

DISQUALIFICATIONS: In the event of objection or a failure to comply with any of the rules, the decision of the organizing committee and the Area Commissioner will be final.

GOOD LUCK AND HAVE FUN