



It starts with Scouts.

18 Wheeler Truck Racing Regulations

In order to have a fair competition, the following rules apply to the construction and preparation of the 18 Wheel vehicles.

All rules as stated in the 18 Wheeler kits shall apply unless contradicted by any of the following:

1. Parental involvement in building the Truck should be minimal.
2. **Width** – the overall width of the Truck shall not exceed 8.5 cm. (This includes fenders, side pipes and running boards or any other accessories added by the builder).
3. **Length** – The overall length of the Truck shall not exceed 44.5 cm and not be less than 36 cm.
4. **Height** – The overall height of any part of the Truck shall not exceed 11.5 cm.
5. **Weight** – The total weight of the Truck shall not exceed 900 grams. The Truck may be hollowed out and built up to the maximum weight by the addition of wood, metal, or plastic only, provided that it is securely attached to the body or chassis. There will be one scale designated as the “official scale”. Weight shown by this scale will NOT be open to debate.
6. **Clearance** – The Truck chassis must not be lowered below 9.5 mm. Failure to ensure this may result in the bottom of the Truck dragging on the race strip.
7. **Construction** – Any type of wood construction is permissible. The wood block(s) supplied with the kit need not be used but the truck must be built from wood. The truck may be painted as desired however the entire chassis bottom must be left unpainted. The truck must be of a two piece design with the cab (tractor) at the front, with 10 wheels and the longer trailer section following containing 8 wheels. The tractor and trailer must be connected with a movable pivot point, allowing the pieces to be physically disconnected from each other.
8. **Wheels and Axles** – They must be used as supplied in the kit. Wheels may be lightly sanded to remove casting tracks on the wheels. The riding surfaces of the wheels are NOT to be painted or polished and the wheel is NOT to be filled with additional weight. The axles may be lightly filed to remove burrs or other sharp edges. All 18 wheels are to be used and all must touch the track.
9. **Wheel Bearings** – Washers and bushings of any type are PROHIBITED.
10. **Lubrication** – NO OIL or WET LUBRICANTS permitted. Only dry type lubrication is permissible. Lubrication shall not soil the track or interfere with subsequent races on that track. Lubrication is not permitted between races.
11. **Attachments** – The Truck must be free-wheeling with no starting devices.
12. **Springing** – Truck shall not ride on any type of springs.
13. **Details** – Details such as a steering wheel, driver, decals, and lighting are permissible. These additional details shall NOT cause the Truck to exceed the maximum weight or dimensions. No loose materials of any kind are permitted in or on the Truck; everything must be securely fastened.
14. **Trucks** – The Truck must be a new one made this year; last year’s model or any previous model is NOT PERMITTED to race in this year’s competition.
15. If you are unsure of a modification or design feature contact a leader for clarification prior to performing the modification and race day.
16. If a participant cannot attend the event they may have someone else bring their Truck to the rally.
17. You may have your Truck weighed, measured, and inspected at the pre-inspection area, then make any required modifications before registering it. Once a Truck has been registered it cannot be removed from the racing area until it has been eliminated from the race.
18. Only one Truck per participant may be entered.
19. All decisions made by the race officials are final.
20. **All participants must show good sportsmanship and have fun!**