

General Rules - Scout Class Vessel - 2024

All trucks should be made from the components in the official Scout 18-wheeler kit Purchased from the Scoutshop.ca (Wheels & Frame) Allowances will be made for those complying with the spirit of that request... we just know that the kit sizing/spacing works on the track.

1. 18-wheeler cannot be greater than 48.0 cm in length, and 9.5 cm in width & 12.0 cm in height. (height may have exceptions granted on race day, to accommodate the spirit of your design, but it must be able to clear the timing system – length can accommodate longer, but wheels must be able to rest on starting section of the track – width is critical as they can't bump other trucks)
2. Cabs & Trailers will have a combined maximum weight of 1000g.
3. All weight must be solid- NO LIQUID WEIGHT- no loose parts.
4. The main parts of the kit that must be used are the 18 wheels, and the pins.
5. All 18 wheels must be affixed to the truck, if any wheels fall off during the race, they must be reattached and that group of trucks must be re-raced
6. All parts must be secured.
8. Wheels can't be modified with washers, bushings, bearings, etc. wheels may be rounded but not tapered. The wheels, axles and the chassis (wooden blocks that the axles fit into) that are supplied in the kits must be used. All other materials used in the completion and decoration of the trucks are open to creativity as long as you follow the specifications outlined within these rules.
9. No reference to recreational drugs or illegal substances will be accepted
10. All trucks must be freewheeling and shall not use any type of spring system or self-starting device.
11. The most forward part of the truck (Centre) must be no more than 1.5cm's off the center of the track and be at least 1cm wide (so it will rest against the start pin on its own).
12. All Trucks must have been built within the 2023/2024 season.
13. Inspection: Each truck must pass inspection by the official inspection committee before it may compete. The inspectors have the right to disqualify those models which do not meet these specifications. (Time will be allowed to modify entries to meet specifications before a final ruling is decided)
14. Ruling of the judges is final.
15. All trucks and trailers will be included in the judging for prizes
16. Truck and Trailers may but, are not required to pivot or separate. Trucks may not separate during the race, and the overall length of the truck may not change during the race. Please feel free to let your imagination run wild.
17. NO GRAPHITE. Other silicone/oil based lubricants are fine, but nothing that has any form of powder or residue that can transfer to the track, hands, tables, chairs, floor... you get the idea.

Questions?

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