

Official 2018 Beaver Hills Rivers Edge 18 Wheeler Rally Rules

1. **RACING** – All 18 Wheelers must be raced by a registered member wearing the Nationally approved Uniform. Cubs are not permitted to race in this category.
2. **18 Wheelers** - new 18 Wheeler must be made every year - prior years 18 Wheelers will Not be permitted to race in this year's meets (Must have been made in this Scouting Year)
3. **WHEELS & AXLES** - must be used as furnished. Only very light sanding to remove, casting tracks on wheels permitted. Wheels must not be altered (eg. filled, *painted or polished*). Trucks must have 18 wheels touching the track.
4. **CLEARANCE** - truck chassis must not be lowered below 3/8": Failure to ensure this may result in the bottom of Truck dragging on track strip.
5. **FRONT** - Due to the type of starting mechanism used on the tracks, the front of the 18 Wheeler must have a flat centered horizontal surface, no less than 1 inch (2.5.4 cm) in length and no greater than 5/8 inch (1.6 cm) off the track. See diagrams page 2
NOTE: 18 Wheelers that do not conform to the above can cause difficulties during starts and therefore will not be allowed to race.
6. **WIDTH** - overall width must not exceed 8.5 cm; this width may include fenders, side pipes, running boards, or any other accessory desired by the builder.
7. **LENGTH** - overall shall not exceed 44.5 cm and shall not be less than 36 cm.
8. **WEIGHT** - shall not exceed 907.0 g; no loose materials of any kind are permitted in the truck. The Truck may be hollowed out and built up to the maximum weight by the addition of wood or metal only, provided it is securely attached to the body or chassis.
9. **HEIGHT** - not to exceed 11.5cm any where on the truck.
10. **WHEEL BEARINGS** - Washers and bushings are PROHIBITED.
11. **SPRINGING** - trucks shall not ride on any type of springs.
12. **DETAILS** - such as steering wheel, driver, decals, painting, interior detail, are permissible. These details shall not cause the Truck to exceed the Maximum Weight dimensions.
13. **ATTACHMENT** - truck must be free wheeling with no starting device.
14. **CONSTRUCTION** - any type of *wood* construction is permissible, wood block supplied with model need not be used, but the truck must be built from wood. The vehicle must have a cab and trailer and the cab and trailer should pivot freely.
15. **LUBRICATION - NO OIL OR WET LUBRICANTS PERMITTED** - only dry type lubrication is permissible. Lubricant shall not soil the track or interfere with subsequent races on that track.
16. **INSPECTION** - each Truck must pass inspection by the official inspection committee before it may compete; the inspector has the right to disqualify those trucks which do not meet these specifications. Each Truck competing will be required to fit inside a template that will be made available.
17. **No repairs** are allowed after registration is completed
18. **Only trucks that race will be allowed compete in Scouts choice contest.**

Judges decision is final.