

Shining Waters Council: Scout Truck Rally Rules 2018

1) SCOUT TRUCKS MUST BE CONSTRUCTED COMPLETELY FROM THE MATERIALS SUPPLIED IN THE KIT:

- a. Blocks of wood and hardboard panels for trailer
- b. Eighteen (18) wheels
- c. Ten (10) nails (axles)
- d. One (1) trailer pin
- e. Dowel for fuel tanks, stacks, and front bumper

2) VEHICLE SPECIFICATIONS:

- a. Overall width cannot exceed 80mm
- b. Overall length between front bumper and the back of the rear wheels mounted on the trailer cannot exceed 382mm (15 inches)
- c. Wheels must be a minimum of 45mm apart in width, and no wider than 80mm or 84mm (dependent on kit) in order to clear the track and not interfere with other trucks racing.
- d. Clearance between the Scout Truck bottom and the track must be a minimum of 10mm
- e. No part of the Scout Truck may overhang or extend beyond the start barrier.
 - i. If a Scout Truck is constructed in such a way that it does, the Truck may not be able to race.

3) WEIGHT SPECIFICATIONS:

- a. The weight for the Scout Truck is to be secure and visible in the trailer.
- b. Maximum total weight allowance is 800gm.

4) FINISHES:

- a. Wood fillers may be used to fill scratches and joints.
- b. Glue may be used for joining parts and filling scratches and joints.
- c. Paints and enamels may be used for finishing.
- d. Wood fillers, glue, and paint or enamel may not be used in forming parts of the Scout Truck.
- e. DO NOT PAINT the bottom of the Scout Truck. This area is to remain unfinished for identification purposes.
- f. Decals can be used but must be secured with glue or the finish.

5) ATTACHMENTS:

- a. ONLY scrap material from the block of wood supplied in the Scout Truck kit can be used to make special design parts such as fenders, lights, etc.

6) PROPULSION:

- a. The Scout Truck must be freewheeling.
- b. The Scout Truck shall not ride on any springs or use any self-starting device.

7) WHEELS:

- a. Only the wheels in this year's kit may be used. All eighteen (18) wheels must be in contact with the track.
- b. Axles may be polished and lubricated. However, they may not be altered in any other way.
- c. Wheel bearings, washers, and/or bushing are not allowed.
- d. The fifth wheel pin is to be used to attach the Cab and Trailer, and should be left so that the cab and trailer can swivel.

8) LUBRICATION:

- a. Light oil or graphite powder may be used as lubricants for the wheels and axles. Each racer will be able to lubricate their vehicle once before the runoffs and once before the finals. No excess lubricant is permitted thereafter.
 - i. Each Scout Truck will be assessed for excess lubricant by the officials at registration, and the officials have sole responsibility for this judgment. If a Scout Truck is judged to have excess lubricant, it will not be registered, and the Scout Truck will have to be cleaned to the official's satisfaction before it can be registered.

9) DECALS:

- a. Any stickers that are used must be secured by the top coat of the finish.

10) IDENTIFICATION:

- a. All entrants must have the following information on the unpainted bottom of the Scout Truck in legible writing:
 - i. Name
 - ii. Age (as of Dec. 31)
 - iii. Troop and Area
 - iv. Current Year (2018)

11) ENTRY LIMIT:

- a. Only one Scout Truck may be entered per Scout.
- b. The Scout Truck must not be a previous year's Scout Truck.

Once the Scout Truck has been inspected and approved, and the races have started, NO adjustments or lubrication will be allowed, unless damage has occurred while racing.