

## S.L.S. ADULT RALLY RULES 2021

**To the Adult Racers:** Welcome to the 2021 SLS Rally! As this Scouting year is proving to be one like no other before it, we recognize the opportunity we have to ensure that this year's SLS rally is up to the challenge of being as inclusive and entertaining as possible for our entire Scouting community. To this end we are excited this year to offer an "Adult" category as part of the Rally, open to **Venturers, Rovers, Scouters (current and retired) and adult family members of registered Scouting Youth**. It's exciting to think that you too can again or finally design a vehicle to race and compete just like the Beavers, Cubs and Scouts. You can make it look like your dream car or even something no one's seen before.

**To the Beavers, Cubs and Scouts:** We are pleased to present this first edition of the Adult Racer Specifications. The regulations contained in this document are new and have been created to offer those older than yourselves the opportunity to experience the spirit of fun competition just like you. We hope that you share in their feeling of accomplishment as they watch the vehicle that they have built cross the finish line. We would ask that you provide guidance to the Venturer, Rover, Scouter or adult in your family through the construction process, allowing them the freedom to bring their designs from the paper to the track, while instilling in them the value of fairness in competition and encourage their creativity. **Always remember: There are few rules to follow, and lots of fun have.**

First and foremost, the intent of the SLS Adult Rally event is for all registrants who might not otherwise have the opportunity, to have fun building and racing a Racer of their own design, through a means that promotes fair play, friendly competition and positive social engagement with other racers, while responsibly maintaining social distancing. Adult Racers are also welcome if they prefer to dust off and enter previously created vehicles from their past. Adult Racers found not to meet all requirements listed below will hear about it from the rest of us and be relegated to the alternative "fun" race component of the Rally, where times will be recorded and provided to participants, but not counted towards competition or the awarding of prizes for speed.

Registration of an Adult Racer for participation in the 2021 SLS Rally will be viewed as an acknowledgement by the Entrant that they have read these rules completely and agree to abide by them and all race day decisions made by race officials.

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### 1) Adult Racer Kits

Include:

- a. Nothing specific because such kits don't actually exist, but can be based on a Beaver Buggy, Kub Kar or Scout Truck Kit, or made from scratch.

**Adult Racers must be constructed using some form of wood base and at least 4 wheels comparable to or sourced from a Scouting race kit.**

### 2) Adult Racer Design Specifications:

- a. Overall width not to exceed **178 mm**
- b. Overall length not to exceed **406 mm**
- c. There is no height limit.
- d. Wheels must be a minimum of **45 mm** apart in width, in order to clear the track with no modification.
- e. Clearance between the Racer body and the track must be a minimum of **10 mm**
- f. No part of the Adult Racer may overhang or extend beyond the start barrier. If a Racer is constructed in such a way that it does, the Racer will be run backwards if that resolves the issue.
- g. Wheels shall not be shaped, profiled or machined, but may be lightly sanded to remove mould flashing or burrs.
- h. Adult Racers shall be free-wheeling and must be propelled only by the force of gravity.
- i. No starting mechanisms (e.g. motors, magnets, etc.) shall be permitted.
- j. All four wheels of the Adult Racer must touch the track surface at the same time while racing.
- k. Wheels shall be mounted to the Adult Racer so that they are vertically square to the track surface and the full flat portion of the wheel shall be in contact with the track surface (in other words, Adult Racer are to have ZERO wheel camber).
- l. Pre-existing and modified Beaver Buggies, Kub Kars and Scout Trucks are all welcome to be raced as Adult Racers.

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### 3) Adult Racer Weight Specifications:

- a. The Adult Racer cannot weigh more than **800 grams**
- b. Weight may be added to the Adult Racer in accordance with the following specifications:
  - i. Weight can only be added between the front and rear axles.
  - ii. Bottom weights must be flush with the bottom of the Adult Racer and may not be used in any way in the design of the Adult Racer (e.g. Tacks used as headlights)

### 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 Adult Racer.
  - i. (e.g. molding fenders from glue and sawdust is not allowed)
- e. **DO NOT PAINT the bottom of the Adult Racer**, this area is to remain unfinished for identification. Previously painted vintage racers can still race.
- f. All entrants must have the following information in ink on the unpainted bottom of the Adult Racer:
  - i. The Racer's Name
  - ii. The Racer's Age (as of Dec 31, 2020)
  - iii. The Racers Scout Group
  - iv. Reference to the current year: 2021
- g. Any decals that are used must be secured on the Adult Racer with either glue or the finish.
- h. The final paint or finish of the Adult Racer shall be dry to the touch upon submission. Adult Racer with wet paint or finish shall not be eligible for racing as this may affect the track and, by extension, other Adult Racer.

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### 5) Lubricants

- a. Light oil or graphite powder may be used as lubricants for the wheels and axels but must be placed on the vehicle prior to submission for racing. No excess lubricant is permitted and no “top ups” between races will be administered.
- b. Each Adult Racer will be assessed for excess lubricant by the officials on race day and the officials have sole responsibility for this judgement. If an Adult Racer is judged to have excess lubricant it will be relegated to the alternative “fun” races of the event where times will be recorded, but not counted towards the competition or awarding of prizes for speed.

### 6) Attachments

- a. Details and attachments may be added providing they are securely fastened and do not exceed the maximum width, length, height and weight specifications.

### 7) Entries

- a. Only one Adult Racer may be entered per individual.
- b. Upon registration each Adult Racer entrant will receive a registration number for their vehicle. The registration number is to be displayed at the top rear of the Adult Racer base. Only the registration number is to be used on the Adult Racer, no other numbers are to be shown.
- c. The cost for registration for the 2021 SLS Rally is **\$7.00** per Kar.
- d. All registered entries receive a 2021 SLS Rally event badge.
- e. 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> place prizes will be awarded for fastest Adult Racer and for best Adult Racer design, determined exclusively at the discretion of the race officials.