

S.L.S. Kub Kar Rules 2019

- 1) KUB KARS MUST BE CONSTRUCTED TOTALLY FROM THE MATERIAL SUPPLIED IN THE KIT:
 - 1 block of wood
 - 4 wheels
 - 5 nails
 - 1 spare tire
 - decals

No Pre-Fab Kub Kars will be allowed

- 2) VEHICLE SPECIFICATIONS:
 - a) Overall width not to exceed 70 mm
 - b) Overall length not to exceed 178 mm
 - d) Wheels must be a minimum of 45 mm apart in width, in order to clear the track with no mod.
 - e) Clearance between the KUBKAR body and the track must be a minimum of 10 mm
 - f) No part of the KUB KAR may overhang or extend beyond the start barrier
 - i) If a KUB KAR is constructed in such a way that it does, the KUB KAR will be run backwards if that resolves the issue
 - ii) If the KUB KAR is designed so that both ends overhang or extends beyond the start barrier, the KUB KAR will not be registered.

- 3) WEIGHT SPECIFICATIONS:
 - a) The KUB KAR cannot weigh more than 142 grams
 - b) Weight may be added to the KUB KAR in accordance with the following specifications:
 - i) Weight can only be added to the bottom of the KUB KAR and only between the front and rear axles.
 - ii) Bottom weights must be flush with the bottom of the KUB KAR and may not be used in any way in the design of the KUB KAR (eg. 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 KUB KAR (eg. molding fenders from glue and sawdust is not allowed)
 - e) DO NOT PAINT the bottom of the KUB KAR, this area is to remain unfinished for identification.
 - f) **Any decals that are used must be secured on the Kar with either glue or the finish.**

- 5) ATTACHMENTS:

ONLY scrap material from the block of wood supplied in the KUB KAR kit can be used to make special design parts such as fenders, lights, etc. No Lego pieces etc are allowed on the KUB KAR.

- 6) PROPULSION:
 - a) The KUB KAR must be free wheeling
 - b) The KUB KAR 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
 - b) Axles may be polished and lubricated, however they may not be altered in any other way
 - c) Wheel bearings, washers, or bushing are not allowed
 - d) The fifth wheel may be used if desired as a design feature, however it may only be glued on to the KUB KAR

- 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. **HOWEVER, No excess lubricant is permitted**
 - i) Each KUB KAR will be assessed for excess lubricant by the officials at registration, and the officials have sole responsibility for this judgement. If a KUB KAR is judged to have excess lubricant it will not be registered, and the KUB KAR will have to be cleaned to the official's satisfaction before it can be registered.

- 9) DECALS:

Only the decals provided in the kit may be used and must be secured. Any numbers used must be the registration number. Please paint your number on the top of the car.

- 10) IDENTIFICATION:

All entrants must have the following information in ink on the unpainted bottom of the KUB KAR:

 - a) Name
 - b) Age (as of Dec 31)
 - c) Pack and Area
 - d) Current year 2019
 - e) **Registration number must be visible on top of the Kar.**

- 11) ENTRY LIMIT:

One and only one KUB KAR may be entered per Cub or Leader, and MAY not be a previous Year's KUB KAR.

The cost for registration for the 2019 Scouting year is \$7.00 per car, youth and adults.

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