

Rules for Yellow Briar's Kub Kar Day 2012



It starts with Scouts.

Kub Kar Racing Regulations

In order to have a fair competition, the following rules apply to the construction and preparation of the Kub

Kar vehicles. All rules as stated in the Kub Kar kits shall apply unless contradicted by any of the following:

1. Parental involvement in building the Kub Kar should be minimal.
2. **Width** – the overall width of the Kub Kar shall not exceed 7.0 cm. (This includes fenders, side pipes and running boards or any other accessories added by the builder).
3. **Length** – The overall length of the Kub Kar shall not exceed 17.8 cm.
4. **Height** – The overall height of any part of the Kub Kar shall not exceed 11.5 cm.
5. **Weight** – The total weight of the Kub Kar shall not exceed 142 grams. The Kub Kar may be hollowed out and built up to the maximum weight by the addition of wood, metal or plastic only, provided that it is securely attached to the body or chassis. There will be one scale designated as the “official scale”. Weight shown by this scale will NOT be open to debate.
6. **Clearance** – The Kub Kar chassis must not be lowered below 9.5 mm. Failure to ensure this may result in the bottom of the Kub Kar dragging on the race strip.
7. **Construction** – The wood block supplied with the kit must be in the construction. The Kub Kar may be painted as desired however the entire chassis bottom must be left unpainted.
8. **Wheels and Axles** – They must be used as supplied in the kit. Wheels may be lightly sanded to remove casting tracks on the wheels. The riding surface of the wheels are NOT to be painted or polished and the wheel is NOT to be filled with additional weight. The axles may be lightly filed to remove burrs or other sharp edges. All 4 wheels are to be used and an good attempt should be made to ensure all 4 wheels touch the track.
9. **Wheel Bearings** – Washers and bushings of any type are PROHIBITED.
10. **Lubrication** – NO OIL or WET LUBRICANTS permitted. Only dry type lubrication is permissible. Lubrication shall not soil the track or interfere with subsequent races on that track. Lubrication is not permitted between races.
11. **Attachments** – The Kub Kar must be free wheeling with no starting devices.
12. **Springing** – Kub Kars shall not ride on any type of springs.
13. **Details** – Details such as a steering wheel, driver, decals, and lighting are permissible. These additional details shall NOT cause the Kub Kar to exceed the maximum weight or dimensions. No loose materials of any kind are permitted in or on the Kub Kar; everything must be securely fastened.
14. **Kub Kars** – Kub Kar must be a new one made this year; last year's model or any previous model is NOT PERMITTED to race in this year's competition.
15. If you are unsure of a modification or design feature contact a leader for clarification prior to performing the modification and race day.
16. If a participant can not attend the event they may have someone else bring their Kub Kar to the rally.
17. You may have your Kub Kar weighed, measured, and inspected at the pre-inspection area, then make any required modifications before registering it. Once a Kub Kar has been registered it can not be removed from the racing area until it has been eliminated from the race.
18. Only one Kub Kar per participant may be entered.
19. All decisions made by the race officials are final.
20. **All participants must show good sportsmanship and have fun!**

18 Wheeler Truck Racing Regulations

In order to have a fair competition, the following rules apply to the construction and preparation of the 18 Wheeler vehicles. All rules as stated in the 18 Wheeler kits shall apply unless contradicted by any of the following:

1. Parental involvement in building the Truck should be minimal.

2. **Width** – the overall width of the Truck shall not exceed 8.5 cm. (This includes fenders, side pipes and running boards or any other accessories added by the builder).
3. **Length** – The overall length of the Truck shall not exceed 44.5 cm and not be less than 36 cm.
4. **Height** – The overall height of any part of the Truck shall not exceed 11.5 cm.
5. **Weight** – The total weight of the Truck shall not exceed 500 grams. The Truck may be hollowed out and built up to the maximum weight by the addition of wood, metal, or plastic only, provided that it is securely attached to the body or chassis. There will be one scale designated as the “official scale”. Weight shown by this scale will NOT be open to debate.
6. **Clearance** – The Truck chassis must not be lowered below 9.5 mm. Failure to ensure this may result in the bottom of the Truck dragging on the race strip.
7. **Construction** – Any type of wood construction is permissible. The wood block(s) supplied with the kit need not be used but the truck must be built from wood. The truck may be painted as desired however the entire chassis bottom must be left unpainted. The truck must be of a two piece design with the cab (tractor) at the front, with 10 wheels and the longer trailer section following containing 8 wheels. The tractor and trailer must be connected with a movable pivot point, allowing the pieces to be physically disconnected from each other.
8. **Wheels and Axles** – They must be used as supplied in the kit. Wheels may be lightly sanded to remove casting tracks on the wheels. The riding surface of the wheels are NOT to be painted or polished and the wheel is NOT to be filled with additional weight. The axles may be lightly filed to remove burrs or other sharp edges. All 18 wheels are to be used and all must touch the track.
9. **Wheel Bearings** – Washers and bushings of any type are PROHIBITED.
10. **Lubrication** – NO OIL or WET LUBRICANTS permitted. Only dry type lubrication is permissible. Lubrication shall not soil the track or interfere with subsequent races on that track. Lubrication is not permitted between races.
11. **Attachments** – The Truck must be free wheeling with no starting devices.
12. **Springing** – Truck shall not ride on any type of springs.
13. **Details** – Details such as a steering wheel, driver, decals, and lighting are permissible. These additional details shall NOT cause the Truck to exceed the maximum weight or dimensions. No loose materials of any kind are permitted in or on the Truck; everything must be securely fastened.
14. **Trucks** – The Truck must be a new one made this year; last year’s model or any previous model is NOT PERMITTED to race in this year’s competition.
15. If you are unsure of a modification or design feature contact a leader for clarification prior to performing the modification and race day.
16. If a participant can not attend the event they may have someone else bring their Truck to the rally.
17. You may have your Truck weighed, measured, and inspected at the pre-inspection area, then make any required modifications before registering it. Once a Truck has been registered it can not be removed from the racing area until it has been eliminated from the race.
18. Only one Truck per participant may be entered.
19. All decisions made by the race officials are final.
20. **All participants must show good sportsmanship and have fun!**

Open Category – Racing Regulations

In order to have a fair competition, the following rules apply to the construction and preparation of the Kub Kar vehicles. All rules as stated in the Kub Kar kits shall apply unless contradicted by any of the following:

1. Parental involvement in building the Kub Kar should be minimal.
2. **Width** – the overall width of the Kub Kar shall not exceed 7.0 cm. (This includes fenders, side pipes and running boards or any other accessories added by the builder).
3. **Length** – The overall length of the Kub Kar shall not exceed 17.8 cm.
4. **Height** – The overall height of any part of the Kub Kar shall not exceed 11.5 cm.
5. **Weight** – The total weight of the Kub Kar shall not exceed 500 grams. The Kub Kar may be hollowed out and built up to the maximum weight by the addition of wood, metal or plastic only, provided that it is securely attached to the body or chassis. There will be one scale designated as the “official scale”. Weight shown by this scale will NOT be open to debate.
6. **Clearance** – The Kub Kar chassis must not be lowered below 9.5 mm. Failure to ensure this may result in the bottom of the Kub Kar dragging on the race strip.

7. **Construction** – Any material may be used in the construction. The Kub Kar may be painted as desired however the entire chassis bottom should be left unpainted.
8. **Wheels and Axles** – Any wheels or axles may be used
9. **Wheel Bearings** – Washers and bushings may be used.
10. **Lubrication** – NO OIL or WET LUBRICANTS permitted. Only dry type lubrication is permissible. Lubrication shall not soil the track or interfere with subsequent races on that track. Lubrication is not permitted between races.
11. **Attachments** – The Kub Kar must be free wheeling with no starting devices.
12. **Springing** – Kub Kars may ride on any type of springs.
13. **Details** – Details such as a steering wheel, driver, decals, and lighting are permissible. These additional details shall NOT cause the Kub Kar to exceed the maximum weight or dimensions. No loose materials of any kind are permitted in or on the Kub Kar; everything must be securely fastened.
14. **Kub Kars** – Kub Kar must be a new one made this year; last year's model or any previous model is NOT PERMITTED to race in this year's competition.
15. If you are unsure of a modification or design feature contact a leader for clarification prior to performing the modification and race day.
16. If a participant can not attend the event they may have someone else bring their Kub Kar to the rally.
17. You may have your Kub Kar weighed, measured, and inspected at the pre-inspection area, then make any required modifications before registering it. Once a Kub Kar has been registered it can not be removed from the racing area until it has been eliminated from the race.
18. Only one Kub Kar per participant may be entered.
19. All decisions made by the race officials are final.
20. **All participants must show good sportsmanship and have fun!**

Racing Categories and Vehicles:

Cubs – Kub Kars (open to registered Cubs)

Scouts – Scout Trucks (open to registered Scouts)

Venturers/Rovers/Leaders/Parents – Kub Kars (open to registered Venturers, Rovers, Leaders, Parents, and SIT's who have WB1 and are at least 16yrs of age)

Everyone – Kub Kars Open Category

All participants may enter a vehicle in their assigned category plus a separate vehicle (optional) in the open category.

Each category will have awards for best design and speed and each participant shall receive a crest.