



# Colt Barker Memorial Derby

Hello All!

We are very excited to invite you to the Colt Barker Memorial Derby Day hosted by Boys' Ministry and will be held May 2<sup>nd</sup> at the Appalachian Conference campgrounds tabernacle in Dublin, VA. Everyone is welcome; it's an exciting time for kids and adults of all ages! This will be a great time exploring one of Boys' Ministries favorite events.

**Check-In, pit time, and weigh-in will be from 8:00 – 9:30 am. Racing will begin at 10:00 am.**

The registration fee is \$10.00 for each participant for the first car. There will be a fee of \$2.00 for a second car.

**Registration forms are attached.** Please have them filled out before you arrive so that you can shorten the line!

We will race five divisions for the boys who have built a new car: **Pre-K, K-2<sup>nd</sup> grade, 3<sup>rd</sup>-5<sup>th</sup> grade, 6<sup>th</sup>-8<sup>th</sup> grade, and 9<sup>th</sup>-12<sup>th</sup> grade.** We will have divisions for **Girls, Adults** (new cars only) and an **Open** Division which will include anyone with an additional car new or old. As always there will be a Best-of-Show award. We are happy to introduce a new division that was previewed last year, **Lego's** (open to all racers). Refer to the accompanying documents for guidelines regarding requirements/rules for the cars.

Traditional CAR KITS can be ordered through:

**Life Spring Resources: 1-800-541-1376 Item Number 4710040**

**Healthy Church online store: <http://royalrangers.com/gear/rangerderby/kits/>**

**\*\*\* For this year's race kits purchased from Hobby Lobby, Lowes, Michaels Craft Store or \*\*\*  
anywhere kits are sold will be allowed to race**

**Lego material can be bought at most toy stores or online.**

**Each racer will receive a patch.**

Food and refreshments may be available for sale, as a fund-raiser for the group providing refreshments.

**Remember our annual Missions offering! Jesus gave us The Great Commission, so we need to do our part! Please come join us for this fun-filled day! If there are any questions, please call us!**

Sincerely,

**Freddie Sweet**

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**From this to this.  
You can do it.**





# General Rules and Car Specifications

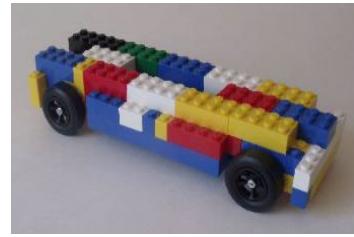
Guidelines and specifications for the Colt Barker Memorial Derby.

1. A contestant may enter only one car per racing class except for Open which is unlimited.
2. To be eligible for competition (either racing or workmanship), a car must fit on and roll down the track without interfering with any other car.
3. Cars must meet the following specifications. Note: Check the kit block before you start. Some variation may exceed the maximums right out of the box.
  - a. Maximum Length (including all attachments) 7 1/2"
  - b. Maximum Width 2 3/4"
  - c. Maximum Height 3"
  - d. Maximum Weight 5 1/2 oz. (156 grams)
  - e. Maximum Under-Car Clearance 3/8"
4. **Pinewood Derby cars will be made from kits sold by Life Spring Resources item no. 4710040 or Healthy Church, item no. 187540. The contestant must use the parts provided in the kit for their intended use. *\*\*Because of recent changes in car kits at these providers, we will allow any car kit to participate as long as they meet the rest of the requirements listed.* \*\***



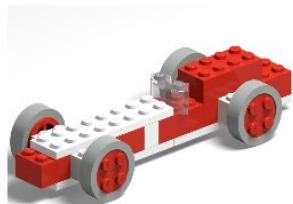
5. Contestant may add weights to the car to bring the car to the maximum allowed weight. Weights must be an integral part of the car. They may be placed inside the block, mounted as an ornament, or be otherwise permanently attached. Weights may not be taped or set on a car. If weights or any other part of a car comes off during a heat, the heat will be rerun. If the same car or parts leave the track again, the car is disqualified from racing. No heat/race will be delayed while repairs are made.
6. Dry graphite lubricants only.
7. Wheels may not be altered in shape or thickness. No metal-to-metal contact is allowed. No washers allowed.
8. If a car needs to be lubricated or worked on before it is registered, there will be a designated place setup for that purpose. No work or lubrication can be done after the car has been registered.
9. ***Cars raced at events/races other than local church for practice before this race can only race in open class.***

# Lego Division Rules



1. The car must be powered by gravity alone.
2. **Car must be made of Legos, similar brand bricks, or 3D printed plastic bricks that connect together like Legos, including wheels.**
3. Bricks should not be glued together.
4. No metal weights can be added to reach the maximum weight (Lego only)
5. Racers can race more than one car.
6. No lubrication is allowed, including graphite.
7. Car must fit within the size limit to fit on track.
  - a. Maximum Length (including all attachments) 8"
  - b. Maximum Width 3 1/2 "
  - c. Maximum Height 4 "
  - d. Maximum Weight 5.5 oz. (155.9 grams)
  - e. Maximum Under-Car Clearance 3/8"
8. Race may consist of three cars or less at a time, as to allow an empty lane to provide room for oversized cars. The number of times each car will race will be determined on race day based on number of participants in class.
9. Car cannot be worked on during race, other than replacing bricks that may be loose or have fallen off during race. These bricks must be returned to the original place where they came off. A race official must review placement before racer is allowed to race again. No movement of bricks to change weight distribution is allowed once race starts.

**Here are a few examples, find more online:**



**Please fill out before coming to Registration table**

Car # (Assigned): \_\_\_\_\_

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Church Name or Outpost #: \_\_\_\_\_

Affiliation (circle one): **IPHC AG Other**

Group (circle one):

**Pre-K (Rainbows)      K-2<sup>nd</sup> (Ranger Kids)      3<sup>rd</sup>-5<sup>th</sup> (Discovery)      6<sup>th</sup>-8<sup>th</sup> (Adventure)      9<sup>th</sup>-12<sup>th</sup> (Expedition)**

**Girls Jr.(K-5)**

**Girls Sr.(6-12)**

**Adults (New car)**

**Open (Old car)**

**Lego**

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Car # (Assigned): \_\_\_\_\_

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Church Name or Outpost #: \_\_\_\_\_

Affiliation (circle one): **IPHC AG Other**

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