

Kla Ha Ya Days Festival

“Snohomish Grand Prix”

SOAP BOX DERBY RACE

Saturday, July 18, 2009
2009 Rules and Information

RACECAR RULES

1. Must resemble a "Soap Box" racecar type vehicle. This is not an official "National Soap Box Derby Race".
2. Must be constructed of primarily of wood and or fiberglass. Metal permitted in steering, axles, brakes, and wheels only.
3. No sharp “protrusions”. This is based upon the opinion of the inspector. This rule is intended to protect drivers, officials, and bystanders.
4. Dimensions:
 - Must have four wheels between 6" and 12" in diameter.
 - All wheels must touch the ground.
 - Front and rear body overhangs may not touch the ground or starting ramps at any time during the race. (See diagram “C”) Call 360-568-7449, for an appointment to check the ramps.
 - Distance between wheels side to side
 - Minimum 30 inches
 - Maximum 36 inches
5. Racecar must have safe, dependable steering capability. Rope is not allowed in the steering system because it is too flexible. 3/16" cable is recommended. Steering range limits will be required. (See diagram “A”)
6. Racecar must have a SINGLE braking shoe that makes contact with the roadway. Both feet must be capable of operating the brake. (See diagram “B”) The single shoe requirement is to prevent cars from veering sharply when stopping.
7. Height of top of vehicle body from the ground limited 36 inches. (Approximate)
8. Length of vehicle body limited to 72 inches. (Approximate)
9. Width of vehicle body limited to 36 inches. (Approximate)
10. No lose weight may be added to racecar.
11. Driver’s legs and feet must be contained inside of vehicle body and the car must have a floorboard under driver.
12. Racecars propelling movement must be by gravity only (no motors or pedals).
13. Racecars MUST BE inspected by Race Officials prior to race.

DRIVER RULES

14. APPROVED Safety Helmets and eye protection will be required. I.e., bicycle helmets, motorcycle helmets. NO soft-shell helmets.

15. Liability waiver for Injury or Damage required signed by either a parent or guardian.
16. Race shirts for drivers furnished by race sponsor. Pit crew shirts are available for purchase at registration time.
17. Drivers are responsible for the behavior of their own pit crew. This includes parents.

ENTRY AND RACE RULES

18. "Hot Laps" and Inspection, Race day Saturday, 11:00 AM.
19. Race Location
 - Starting line at First and Union
 - Finish line at First and "A"
20. Two classes of cars will run. If you are uncertain of your class, please contact us:
 - Kit Car – Looks sleek and from an assembly line.
 - Home Built – Anything else.
21. The same car can only be entered once in each age group. (Exceptions considered):
 - AGES 7 - 9
 - AGES 10 - 12
22. An additional "open" class for any age will be considered if sufficient interest is made. Please contact race organizers as soon as possible.
23. Race Officials may make exceptions to the rules if necessary. Race officials' decisions will be final in any and all controversies and interpretations of the rules.

Trophies for 1st, and 2nd place winners in each age group are to be awarded at the Finish Line after final race tally.

IMPORTANT: -YOUR CAR MUST BE REGISTERED AND QUALIFIED IN THE "TIME TRIALS" IN ORDER TO BE ELIGIBLE TO RACE ON RACE DAY SATURDAY. (Race times subject to change. Check with contacts below for latest details.)

We would like you to display your car during the Kla Ha Ya Sunset Grande Parade

Sponsored by:

Best Buy - Everett

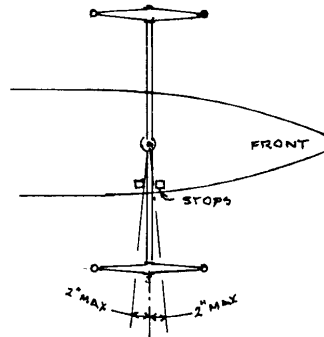
For more information contact:

- Kla Ha Ya Days Festival web site - www.klahayadays.com
- Neal Kazmi - 360-568-7449 – neal@minisoft.com

STEERING - DIAGRAM "A"

THE PURPOSE OF THE STEERING RANGE LIMIT IS TO PREVENT OVERSTEERING

Limiting blocks or other devices must be installed to allow no more than four inches of travel at axle ends.



BRAKES - DIAGRAM "B"

THE PURPOSE OF THIS REQUIREMENT IS TO INSURE STABLE, RELIABLE, AND POSITIVE BRAKING ACTION.

The brake must:

1. Make contact with the ground.
2. Be attached to the car with bolts and safety nuts, (no wood screws or nails)
3. Be foot operated
4. Have a shoe made of tire tread of at least 9 square inches (3x3) and make full contact with the ground.

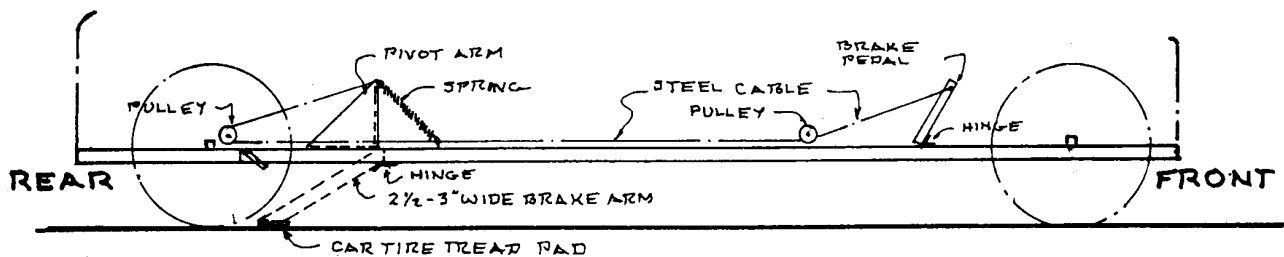


DIAGRAM C

The front and back of the car shall not touch the ground or the ramp at any time. The ramps may be examined or tested for clearance by appointment.

