



Keystone Rally Rules

Welcome and thank you for participating in our rally program. For more information about the Keystone Rally Association please visit our web site at www.keystonerallies.org. Please take a few minutes to familiarize yourself with these rules. They have been established with your child's safety and enjoyment in mind. If you have any questions, please don't hesitate to ask the Rally Director or anyone else attending the race. There's one thing that you will quickly learn, soap box derby people love to talk derby and love to help.

1. A majority of Keystone Rally Directors, Keystone Officers and Keystone Inspection Committee Members in attendance at a race will act as a review board to field questions and assist the host city Rally Director. The final decision on any issue will be the responsibility of the host city Rally Director.
2. All participants may be subject to an inspection to help insure the safety of all participants and the compliance to the rules. If an inspection does occur, all cars in each division shall be inspected to the same standards. A participant may request an inspection of another participant at which time a knowledgeable, yet neutral third party, such as the Rally Director, shall conduct the inspection on both the car in question and the complainant's car. Under no other circumstances shall a participant be singled out for an inspection that has not been or will not be conducted on all other participants in that division. All infractions should be corrected prior to continuing to race, unless deemed to be not a safety issue or a competitive advantage by the Rally Director.
3. It is strongly recommended that all drivers have a person to put them in the ramp and someone else to catch them in the run-out area. If a driver does not have two car handlers, we ask that the driver find a volunteer handler to assist them prior to the start of their heat(s).
4. A drawing for the first heat of every race shall be conducted the day of the race after registration has closed. All heat drawings must be open for all participants to observe if they wish. An announcement will be made prior to the drawing of any heat charts.

5. The maximum weight for the car and driver shall be:

Stock	200 lbs. (AA and NDR)
Super Stock	230 lbs. (AA) or 240 lbs. (NDR)
Masters	255 lbs. (AA and NDR)

6. The minimum weight for car and driver shall be dependent on the scales utilized:

- a. Balance Beam Scales – the indicator must float half way between the low and high stops
- b. All others - total weight must fall between maximum weight and 1 lb. less than the maximum weight.

7. The minimum and maximum tail weights shall be:

Stock	min: 92.5 lbs.	max: 107.5 lbs. (AA and NDR)
Super Stock	min: 107.5 lbs.	max: 122.5 lbs. (AA)
	min: 112.5 lbs.	max: 127.5 lbs. (NDR)
Masters	min: 120 lbs.	max: 135 lbs. (AA and NDR)

8. Intentional and/or excessive overloading (cross binding) of wheels is not permitted.
9. Tail-weight challenges must be conducted prior to the start of the first phase of any particular heat.



10. Drivers must remain in the same position in their car during their entire heat as they maintained on the tail weight scale ("racing position). With the exception of braking after crossing the finishing line, no intentional sliding by any part of a driver's body inside their car is permitted during a heat.
11. A driver may only enter one division per race, with the exception of round-bottom masters cars at NDR races.
12. A participant is only permitted to drive the car(s) that they entered into the race until they are eliminated. Once eliminated, at the discretion of the Rally Director, they may take additional trials in someone else's car, i.e. trial runs.
13. No lubricants will be allowed on the square portion of the axles. Lubricants may not be used on the bearings, spindles or wheels after the first heat of a division is called. If a need arises to clean the wheels after the first heat of the day, the driver shall seek the approval of the Rally Director before cleaning commences.
14. Wheel stickers, identifying the wheel position (RF, LF, RR and LR), must be placed on the side of each wheel that faces outward (away from the shell). Official Keystone wheel stickers will be provided by the organization and will be available at all rallies. Drivers must remove all other wheel stickers from their wheels. The wheel position identified on the wheel sticker shall override any other markings on the wheels.
15. Drivers may spin their wheels until the wheel swap with their opponent occurs, at which time no further wheel spinning is allowed. After a winner has been declared for their heat, drivers are permitted to resume spinning their wheels. Please note, when spinning wheels, all four wheels must be in motion, at a similar speed, at the same time.
16. A progressive, 2-4-2 wheel swap will be utilized at all rallies. One front wheel and one rear wheel shall be swapped as determined by the Rally Director or by a random draw prior to the first phase of every heat.
17. No driver coaching is permitted from the sidelines or from the bottom of the hill. Verbal coaching is allowed at the top of the hill.
18. Re-calibration of ramps or lanes, if necessary, should be performed after all participants have completed both phases of their heat. If a re-calibration is required immediately, all participants who are between phases, should re-run their first heat, to include resetting the wheel swap. A re-run is not required if both opponents agree against it, however it is strongly recommended that a re-run be conducted.
19. Any driver who hits any part of the timing system will be given an automatic loss, regardless of the outcome of the heat or the participants' wishes to re-run the heat. The driver's parent or guardian will be responsible for financial restitution for repair or replacement of the timing system. Repeated hitting of the timer system by the same driver is cause for elimination from the race.
20. Masters Division Only – one piece of four inch long by two inch wide tape may be placed in the center of the helmet and the center of the headrest. No tape is allowed on the cockpit cover.
21. The winner of winners has the option of a free run. If taken, this run will occur immediately after the second phase of the winner of the consolation bracket heat. The free run may be taken in either lane, as determined by the driver.



22. "Sunset Rule": No heat or phase will be permitted to run more than thirty minutes after sunset on the day of the race, unless ample street lighting is available. The intent of this rule is for the safety of the drivers and all attendants at the race. For this reason, this rule may not be altered by anyone, including the Rally Director or any Keystone Officers in attendance.
23. If a race is stopped prematurely, all entrants not eliminated will share the remaining Keystone points equally. Trophies may be distributed by the luck of the draw.
24. If participant counts allow, at a minimum, trophies shall be awarded for the top 9 places in the stock division, the top 8 places in the super stock division and the top 4 places in the masters division. Minimum trophy height for first place shall be 21 inches with all other places scaling down proportionately.
25. The consumption of alcoholic beverages, use of illegal substances, unacceptable conduct, offensive language or physical abuse of any kind by a driver, car handler, family member or any other individual in attendance will be handled immediately and may result in disqualification from the current race and in extreme cases, a permanent ban from all future Keystone races.
26. All participants and their families shall work at least one hour helping set up or tear down the track. All participants are responsible for the clean up and removal of their own trash.