

# Wayne-Holmes Soap Box Derby Local Race Rules/Guidelines and Special Instructions



## International Soap Box Derby, Inc. Rules

Rules are drafted by the National Control Board and adopted by the Board of Trustees of the International Soap Box Derby, Inc. Specific questions regarding interpretation of these rules may be directed in writing to the National Control Board in care of the International Soap Box Derby, Inc. However, while the National Control Board may render an expert opinion to a given situation, the final decision making authority on a local level lies with those local officials named for that purpose. Accordingly, the rules interpretation rendered by the National Control Board shall in no event alter or limit the authority of the local officials. In each case those officials will endeavor to reach correct and fair decisions but they will not necessarily be bound by precedents or advanced opinions.

The two main purposes of the rules contained in this book are fairness to all competitors and safety. If the rules sometimes appear exceptionally restrictive, it is because experience has shown that too much room for interpretation sometimes results in a deviation from the intent of the rule. We believe that all competitors should have an equal chance based upon their own abilities.

It is important that the Derby car operates with maximum safety and that there is no car parts which would cause injury in the event of loss of control. Rules are designated to facilitate a smooth conduct of the race by avoiding unnecessary delays.

The complete listing of rules from the International Soap Box Derby, Inc. is available on the internet at:  
**[www.aasbd.org](http://www.aasbd.org)**

or ask the local derby director for a copy of the current printed rule book.

The Board of Trustees of the Wayne-Holmes Soap Box Derby, the Derby Director and Assistant Derby Director of the Wayne-Holmes Soap Box Derby are the official governing body of the Wayne-Holmes Soap Box Derby. The rules established by the National Control Board and the International Soap Box Derby are the bases for all rules established for the Wayne-Holmes Soap Box Derby, but all final rules decisions and interpretations for the local race are under the authority of the local governing officials.

The following list of rules has been established for the local race and included activities of the Wayne-Holmes Soap Box Derby.

### 1. Age Limit Eligibility

- Participants in the Stock Division must be seven (7) years of age by the date of the first Local and/or Rally race in which they participate. They must not turn fourteen (14) years of age on or before July 31. Proof of age is required.

- Participants in the Super Stock Division must be nine (9) years of age by July 31 in the race year that they participate. They must not turn nineteen (19) years of age on or before July 31. Proof of age is required.

- Participants in the Masters Division must be ten (10) years of age by July 31 in the race year that they participate. They must not turn twenty-one (21) years of age on or before July 31. Proof of age is required.

### 2. Youth Participation

The participant is encouraged to participate in the construction of his/her new car or adjustments to a used car; an adult mentor is permitted to assist in the construction/adjustments of the car only when and if necessary. This insures that the young driver will learn and gain from the experience of building their soap box derby car.

### 3. Construction

All race participants must bring their race car (new or used) up-to-date with current year All American construction rules.

### 4. Racing Format

The Wayne-Holmes Soap Box Derby is run as a "Double Elimination Timer/Wheel Swap". This means that drivers will swap wheels as a part of each race heat that comprises of two race phases. The difference in time from each race phase determines the winner of that heat. The winner continues on, in the winner's bracket, and the loser goes to the consolation bracket. After a second loss the car and driver are eliminated from further competition. The winner of the loser's bracket will go on to race the winner of the winner's bracket to determine the champion. The Challenger Division runs a modified version of the Timer Swap.

#### 5. Illegal Construction/Modifications

Based on current rules and regulations established by the International Soap Box Derby, Inc., in the event that any derby car is found to be constructed with illegal or unauthorized parts or if the construction includes illegal or unauthorized adjustments or modifications to parts within the derby racer, the Board of Trustees of the Wayne-Holmes Soap Box Derby reserves the right to disqualify or impose penalties upon drivers of such illegally constructed cars. This may include the forfeiture of any championship titles, trophies and prizes awarded. The Board of Trustees of the Wayne-Holmes Soap Box Derby reserves this right throughout its locally run race and during All-American race competitions in which the driver is serving as a representative of the Wayne-Holmes Soap Box Derby.

No adjustments, modifications or position changes are allowed to be made to any parts of the derby car, after inspection, with the exception of car weights or authorized repairs made under the inspection of a derby official.

#### 6. Registration Forms

All official All-American registration forms must be completed and turned into the derby director along with a copy of the driver's birth certificate, before the driver can take their first trial run.

#### 7. Derby Racer Impound

All derby cars must be impounded at the designated impound location on or before the Saturday that is one week before the race event. A time frame that is typically from 5:00pm to 7:00pm on the Saturday one week before the race event is allotted for ALL race participants to deliver their car into impound. After completing all necessary registration forms, voting for the queen, have your derby car impounded, and have your picture taken, you must leave the impound area.

#### 8. Inspections

During inspection and weigh-in race participant and adult helpers must stay with their car while in the check out area. If any repairs are required to be completed in order to qualify, they must be done by the contestant and adult helper, under the supervision of a derby official.

#### 9. Alignment and waxing

Contestants will be permitted to adjust alignment, spindles and wax their racers in specified areas before going through inspection. Cars must be ready for inspection by the scheduled time. You must furnish your own alignment tools and extra weight, and crew, for final inspection.

#### 10. Car Numbers

The inspection and weigh-in officials will place a car number sticker on the left side of the car in an area that will be visible to the starting line judges.

#### 11. Final Weigh-in

Final Weigh-in will consist of 2 measurements. A total weight must be taken of the entire car & driver, and the proportional weight of the tail of the car with the driver positioned in a true racing posture. Both measurements must be within the limits set forth for that car's racing division. Because the driver is a vital part of these measurements, he/she should be dressed in clothing and shoes to approximate their race day attire. Final Weigh-in must occur within a 45 minute time limit from the time that your final inspection is completed or the car is subject to possible re-inspection by the official derby inspector for that race division.

After your car leaves the final weigh-in station the night of inspection, it will be immediately impounded and no further work will be permitted on the car!

After final weigh-in, remember to take home all your equipment, tools, wax, etc.... Remember, on race day to take your equipment, tools and extra weight to the topside area, in case you need them.

#### 12. Race Car Covers

Coverings will be permitted and are recommended for your derby car during race week. All coverings will be removed by the trustees on the night when the area is open to the public for heat drawings and open house. It is recommended that the driver's name be written onto any coverings for easier identification.

#### 13. Car Blocks

All derby cars are required to have a set of wooden blocks for the car to rest on. Wood blocks must be small enough to fit inside the cockpit of the car. Recommended construction of blocks consists of two 2x4 pieces of lumber, 12 inches long fastened together in an inverted T-shape. These blocks can be covered in foam or carpeting to protect the car. Driver names should be written on all blocks.



#### 14. Driver Apparel

Every driver must race in an official derby T-shirt, full length slacks or knee length shorts, unaltered racing helmet with the beak facing forward with no bandana or hat under the helmet. Derby T-shirts will be issued to each driver following their final weigh-in. First time drivers only will receive helmets. All other drivers are expected to use the helmet that they were issued at past derby races. Race participants must wear adequate foot protection with a sole while racing.

#### 15. Race Wheels

All derby race families are to supply their own complete set of Z-GLAS wheels for each participating car. Wheels must be marked with an identifying name and with a small arrow indicating the proper direction of rotation. Be sure to mark them correctly.

All wheels will be uniformly inspected by the local derby officials before race day. All wheels must be secured with a pin clip only!

If for any reason a wheel is damaged due to an obvious or reported collision, accident or mishandling by a racing contestant. That contestant's race family will be liable for compensation or equal replacement of the damaged wheel set. Requests for compensation should be handled between the effected race families and only brought to the Derby Director or Board of Trustees for clarification or mediation.

From the experience of the local derby association, race wheels should be stored in a dry area where they will not be subjected to fluctuations between hot and cold temperatures.

#### 16. Spindle Washers

All cars are limited to the use of no more than two washers on each axle spindle. The position and/or placement must remain constant throughout all phases and heats. The placement and position of spindle washers is the responsibility of the participating race driver, and should be inspected before each phase of a race heat. In the case that the washers don't fit because of varying wheel widths, adjustment may be made when accompanied with the consultation of the top-side director. Spindle washers must return to their original placement and position once tight fitting wheels are rotated off the car.

#### 17. Driver Conduct

The Wayne-Holmes Soap Box Derby is conducted as a youth racing event within the spirit of fair, equal and sportsman-like competition. The driver is responsible for and may be disciplined for personal conduct as well as the personal conduct of people in the driver's party including, but not limited to sponsors, pit crew, family members, etc....

#### 18. Heat/Lane Drawings

A Random drawing for each racing division will be held during the derby open house event held on Thursday, prior to the race. This drawing will determine the initial heat and lane a driver will race in. All racers receiving a bye automatically advance to the next heat and the driver is not required to run that heat, however drivers may have a choice to run a warm-up run. (See Rule #19 for requirements and restrictions on warm-up runs) In the event that siblings are drawn to race against each other in the opening round, a re-draw of a second competitor name will occur.

#### 19. Warm-up Runs

(A) Any driver that receives a bye in the opening rounds of the winner's bracket and whose first race will include a driver that will have completed a prior competitive heat, may by their own choice take a single run down the track at a time designated by the starting line judge which precedes any head to head competition. Lane assignment for all warm-up runs will be the opposite lane from the contestant's next head to head competition. There are no warm-up runs for bye races in the consolation bracket.

(B) The finalist of the winner's bracket may by their own choice take a single run down the track immediately following the 2nd phase of the consolation bracket finals. Lane assignment for that warm-up run will be the opposite lane from the contestant's next head to head competition.

(C) Any driver that decides to take a warm-up run must complete the entire length of the race track and cross the finish line to qualify for the next heat. All rules pertaining to full competitive race heats also apply to warm-up runs and the driver does risk disqualification from their bye heat.

#### 20. Oil/Lubrications

NO Oil or any type of lubrication or treatment of any kind will be permitted in, on or close to the wheels. The wheels are pre-lubed and this is all the oil needed.

21. On Race Day, drivers must stay with their race car at all times unless they are instructed to do otherwise. Drivers must get permission to leave the pit area. One designated adult helper is allowed in the pit area and at the starting line to assist each race participant.

22. The driver has one minute, 30 seconds to place his/her car on the starting ramp and 30 seconds to assume their driving position. After one minute the driver can be disqualified. Master car drivers are allotted an additional 15 seconds.

23. Contestants must drive their cars carefully and obey all safety rules. If a contestant drives his/her car onto the center line, (defined as the space between the yellow lines) including any wheels, that driver will be deemed out of control and disqualified from that phase and the heat. This includes the braking area beyond the finish line until the driver brings their car to a complete stop. A driver must not interfere with or influence the position or direction of another race competitor.

#### 24. Rocking, Ducking or Bobbing

Drivers may not rock or lunge forward on the starting ramp. Contestants must drive their cars while constantly maintaining a driver's posture that allows them to see the track in front of them. Ducking of the drivers head inside the car or bobbing up and down will be grounds for disqualification by race officials.

#### 25. Finish Line Timer

In the event that a derby car, its driver, or any object that moves by the influence of a derby car or its driver, hits or collides with any part of the finish line timer system, the driver will be disqualified from that race heat. Disqualification is from that race heat, which includes both phase one and phase two races. Driver's family may be held liable for costs of damage to the timer system.

#### 26. Heat Time Limit

Both phase races of a heat must be completed within a 30 minute time limit. If due to weather delay or other uncontrollable circumstance, both phases are not run within the 30 minute time limit, the heat will be void and both phases will be run again. If the delay is due to a racer making repairs, the second phase and heat will be forfeited by the driver unable to complete the race heat.

#### 27. Race Day Repairs

Every driver should make sure that their car is in good running condition after each phase of racing. Requests for all repairs must be made to the bottom-side or top-side director. Drivers must have a pit pass in order to enter the pits for repairs.

#### 28. Pit Repair Time Limits

If a derby car must go to the pits for repairs, a driver may have two persons to assist with repairs along with a Derby Trustee. Per the requirements of Rule #26, a driver making pit repairs between race phases of a single heat must complete repairs and race the second phase within the 30 min. time limit. Pit repairs being made between heats should be limited to 45 minutes, but is subject to the discretion of the top-side director. Drivers are responsible to furnish their own tools.

#### 29. Division Winners

All First and Second Place cars in each division will be impounded immediately following each championship heat. Following the awards ceremony, the 1st and 2nd place cars in each division will be taken to a location, determined by the Derby Director and Trustees, to be photographed and inspected. The second place cars will be released only after the winning cars have been certified as champions.

30. After certification, The Derby Director and Chief Inspector will notify the champion and parents that the car is ready for shipment to Akron. This will be done at a mutually agreed upon time for all parties involved. Each champion will be allowed to make his/her car ready for shipment to Akron. The car may be waxed, aligned, weight shifted as spelled out in the official rule book. It is the responsibility of the Derby Director to supervise and be sure that any rule irregularities, race day damages and safety items are repaired prior to shipment to Akron.

31. The authorization for shipment of all champion cars to the All-American is the responsibility of the Derby Director and the release authorization from the All-American is the responsibility of the Wayne-Holmes, Derby Director.

Any Questions or Concerns regarding the local race rules /guidelines should be directed to the Wayne-Holmes Soap Box Derby Association, Board of Trustees or the Derby Director.

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