



# International Soap Box Derby, Inc.

# Rule Book

Revised June 2023

Please note: Most recent rule changes are highlighted in red.

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## **MISSION STATEMENT**

The International Soap Box Derby® is a non-profit youth education and leadership development organization whose mission is to build knowledge and character, and to create meaningful experiences through collaboration, fair and honest racing competitions, STEM curriculum, and other community-focused activities.

## **OVERVIEW**

The All-American Soap Box Derby (AASBD) World Championship is an event held annually in Akron, Ohio each July. There are three ways in which participants become eligible to compete in the AASBD World Championship:

1. The Local Race Program
2. The Rally Program
3. The International Program

The Local Race Program is a race held annually by an AASBD licensed Local Race Organization. A participant is required to enter and compete in the Local Race closest to his or her residence. The winner of a Local Race is called a “Local Champion” and is eligible to compete in the AASBD World Championship in Akron, Ohio against other Local Champions.

The Rally Program allows participants to earn points by racing in various AASBD licensed Rally Races throughout the United States and Canada. A participant in this program races to win a “Rally Regional Title.” A winner of a Rally Regional Title is considered a “Rally Champion” and is eligible to compete in the AASBD World Championship in Akron, Ohio against other Rally Champions.

The International Program allows countries outside of the United States to hold an AASBD licensed race. The winner of an international race is considered a “Local Champion” and is eligible to compete in the AASBD World Championship in Akron, Ohio against other Local Champions.

## **INTERNATIONAL SOAP BOX DERBY, INC. REGISTERED TRADEMARKS**

The terms “Soap Box Derby” and “All-American Soap Box Derby”, as well as specialized logos and symbols, are registered trademarks owned by the International Soap Box Derby, Inc. Registered trademarks are not permitted to be used for promotional purposes except for licensees of the International Soap Box Derby, Inc. Those wanting to use an International Soap Box Derby, Inc. registered trademark for any reason must contact the International Soap Box Derby, Inc.

The license agreements between the International Soap Box Derby, Inc. and Local Race Organizations permit the use of registered trademarks of the All-American Soap Box Derby solely for the promotion of Local Race City Organization events.

## **HELP, GUIDANCE & SUPPORT**

Questions or inquiries for clarification pertaining to the rules, plans and/or regulations should be directed primarily to your Local Race Director and/or Regional Director. The International Soap Box Derby, Inc. also offers a website at [www.soapboxderby.org](http://www.soapboxderby.org) that provides additional assistance to the parent, guardian, mentor and/or child. The website contains links to useful information such as the latest rules and plans, ordering kits or parts online, Local Race Organization contact information and frequently asked questions.

If further explanation is needed, questions should be directed to the International Soap Box Derby, Inc. All questions or inquiries for clarification must be emailed to [raceprograms@soapboxderby.org](mailto:raceprograms@soapboxderby.org).

## **SPIRIT OF THE RULES**

The International Soap Box Derby, Inc. (ISBD) rules, plans and regulations are intended to provide fair and uniform policies governing competitions. It is not possible to write individual rules governing every possible situation or circumstance. Therefore, the "Spirit of the Rules" shall grant the authority and responsibility for interpretation of the written rules, plans and regulations to the ISBD, to fairly supervise and judge all competition. The Racing Commission interpretation of the written rules, plans and regulations shall be binding on the participant and the competition under their jurisdiction. In addition, the ISBD may, at its discretion, provide a rule interpretation that shall be binding upon all participants and competitions.

It must be understood by all participants of ISBD sanctioned races that it is not possible to cover all potential issues of legal construction for racing. However, changes, alterations, modifications and/or replacements not authorized by the plans and/or rules should NOT be assumed to be legal under the "Spirit of the Rules." Any participant unable to locate a written rule, plan or regulation pertaining to a specific area of construction should first contact the Local Race Director and/or Regional Director for consultation and interpretation.

The rules, plans and regulations established by the ISBD shall be applicable to all licensed All-American Soap Box Derby races and events and shall be taken into account as to all issues involving the construction of a car. By participating in these events, all participants are deemed to have consented to the rules and authority of person who shall enforce the rules.

Participant compliance with all of the ISBD decisions, rules, plans, regulations and agreements is required at all times. The ISBD has and reserves the right to take action against any participant for failure to comply with any such decision, rule, plan, regulation or agreement. The ISBD may in its sole and absolute discretion take the action it deems appropriate in response to any such failure to comply by a participant.

**No expressed or implied warranties of any kind, including any warranty of safety, shall result from the publication or compliance with these rules, plans and regulations. In no event shall the ISBD be liable for any loss, indirect, special or consequential damages even if the ISBD has notice of possibility of such damages. The ISBD makes no warranties, including any warranties of fitness for a particular purpose with respect to the publication or compliance with these rules, plans or regulations. In all situations, the rules and regulations promulgated by the ISBD shall govern and control over any conflicting provision in these plans.**

**Each participant understands and agrees that a prerequisite to competing in any race sanctioned by the ISBD that the racer and his or her car shall undergo and pass inspection conducted by those persons appointed/selected by the International Soap Box Derby, Inc. Each participant further understands and agrees that such inspection shall be conducted using the manner and methods deemed appropriate by the International Soap Box Derby, Inc. in its sole discretion to determine compliance with the rules, plans, regulations, Spirit of the Rules and specifications applicable to that division and that the decisions of the International Soap Box Derby Inc. and its officials regarding qualifications and disqualification in compliance with the rules, Spirit of the Rules, plans, regulations and specifications applicable to that division shall be final and binding upon all parties.**

## **SECTION A: RULES COMMON TO ALL**

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### **A-1. AASBD Racing Season**

- A-1.01 The AASBD Racing Season begins on August 1 and ends on July 31.
- A-1.02 The AASBD Rally Racing Season begins the day after the United States Memorial Day and ends on the following United States Memorial Day.

### **A-2. Divisions**

- A-2.01 All AASBD races must recognize progressive divisions: Stock as the entry level division and Super Stock and Masters as advanced divisions.

### **A-3. Age Limitations**

- A-3.01 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.
- A-3.02 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.
- A-3.03 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.
- A-3.04 If a participant becomes a Local and/or Rally Stock Division Champion, he or she is permitted to progress to the Super Stock or Masters Division if age appropriate.
- A-3.05 Regression between divisions is permitted as long as the participant is age appropriate.

### **A-4. Weight Limitations**

- A-4.01 In the Stock Division, a combined weight of an assembled Stock Car, Z-Glas® wheels, and the participant must not be less than one hundred ninety-eight (198) pounds and must not exceed two hundred (200) pounds.
- A-4.02 In the Super Stock Division, a combined weight of an assembled Super Stock Car, Z-Glass® wheels, and the participant must not be less than two hundred thirty-eight (238) pounds and must not must not exceed two hundred forty (240) pounds.
- A-4.03 In the Masters Division, a combined weight of an assembled Masters Car, Z-Glas® wheels, and participant must not be less than two hundred fifty-three (253) pounds and must not must not exceed two hundred fifty-five (255) pounds.

## **A-5. Attire**

- A-5.01 A participant must wear adequate foot protection with a continuous sole while racing.
- A-5.02 A participant must wear an official AASBD helmet in proper racing position (on the participant's head with the helmet bill to the front and properly strapped). Participants are not permitted to wear anything underneath the helmet including, but not limited to, bandanas and ball caps.
- A-5.03 A participant must wear adequate and appropriate clothing, including any apparel specified and determined by the International Soap Box Derby, Inc.

## **A-6. Conduct**

- A-6.01 A participant, or member of the participant's party, must not use, possess or distribute alcohol, tobacco or drugs, with the exception of those currently prescribed by a physician specifically for that person.
- A-6.02 A participant or member of the participant's party must not verbally or physically abuse and/or demonstrate unsportsmanlike conduct towards another participant, official and/or spectator.
- A-6.03 A participant or member of the participant's party must not in any way endanger another participant, official and/or spectator.
- A-6.04 A participant or member of the participant's party must not in any way obstruct or interfere with another participant's car.
- A-6.05 A participant must not in any way attempt to gain an *unfair* advantage over another participant.
- A-6.06 A participant must not conceal or use any type of electronic and/or communication devices in his or her car while racing.
- A-6.07 A participant must not violate any AASBD rule, regulation, plan, or agreement.

## **A-7. Car Eligibility**

- A-7.01 The participant is encouraged to participate in the construction of his or her car; an adult mentor is permitted to assist in the construction of the car only when and if necessary.
- A-7.02 Cars must be constructed and updated per the most current construction plans published by the International Soap Box Derby, Inc.
- A-7.03 Only official Z-Glas or official AASBD approved newer replacement wheels are permitted to be used in an AASBD race.
- A-7.04 Alteration to the Official Z-Glas or the Official newer AASBD approved replacement wheels is prohibited and means for disqualification.
- A-7.05 Only official AASBD stamped axles with the year 2000 logo or newer for Stock and Super Stock and 2004 logo or newer for Masters are permitted to be used in an AASBD race.
- A-7.06 Altering, modifying or tampering with the floorboard, shell, or any other hardware is prohibited and means for disqualification.
- A-7.07 Any car disqualified from an AASBD race may not be entered in another licensed AASBD race during the same racing season.
- A-7.08 Once a Stock, Super Stock or Masters car has participated in an AASBD World Championship Race the floorboard is no longer permitted to race in *another* sanctioned Local, Rally or AASBD World Championship Race by another participant.



**A-7.10 Stock Floorboards** – The maximum distance from the nose of the floorboard to the kingpin center is 7 15/16". The distance between the kingpins centers is 61 1/8" +/- 1/16".

**Super Stock Floorboards** – The maximum distance from the nose of the floorboard to the kingpin center is 5 13/16". The distance between the kingpins centers is 63 3/8" +/- 1/16"

## **A-8. Racing**

A-8.01 All cars must start by gravity without aide from a standstill, at a starting line or a starting ramp on the track, positioned so that their foremost parts, or noses, are the starting points.

A-8.02 A participant in the Stock or Super Stock Division must remain in the lean forward position with his or her **helmet and** eyes above the (top of shell) of the car throughout the entire heat.

A-8.03 A participant in the Master Division must remain in a lay-down position with feet forward.

A-8.04 A participant must not interfere with the other driver.

## **A-9. Weight**

A-9.01 a. The limit weight distribution to no more than a fifteen (15) pound nose or tail-heavy differential in the Stock and Superstock Divisions.

b. The limit weight distribution to no more than a fifteen (15) pound nose and five ((5) pound tail-heavy differential in the Masters Division.

A-9.02 Weight is not permitted to be made from structural shapes or welded together.

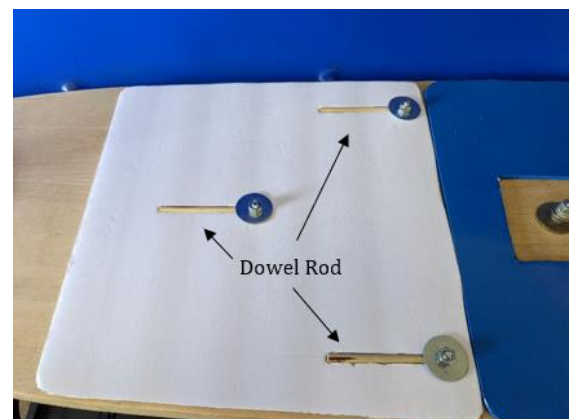
A-9.03 Weight is not permitted to be suspended, cantilevered, or chained.

A-9.04 All lead weights must be painted and the weight of each piece clearly marked.

A-9.05 All cars must weigh-in on race day morning, in racing position, on the same scales per division. If cars are weighed and impounded before race day, the Race Officials have the option of weighing only drivers on race day morning. **The Master Division hatch must be completely opened during the weigh-in process. Handlers need to be prepared for this capability. The driver must maintain their weigh in position and location when racing (in all divisions).**

A-9.06 All weight must be secured as outlined in the appropriate Building Plans, and once secured, must not be movable.

A-9.07 Slotted holes are not allowed when securing weight to a floorboard. If you need to use slotted weights, the unused portion of the weight slots must be filled with standard weight materials to maintain a bolt hole opening only for the weight bolt. The weight bolt washer and nut must hold the assembly together. The photo below shows an example of filling the slot with a wooden dowel rod. The material must be underneath the washer to be held in place.



## **A-10. Heats**

- A-10.01 Races must be run on a system of single and/or double elimination by heats.
- A-10.02 The time achieved by a participant in a previous heat shall have no bearing in subsequent heats.
- A-10.03 Completed heat sheets must be held on to for one (1) year and a copy submitted to the International Soap Box Derby, Inc.
- A-10.04 For all races, only heat sheets supplied by the International Soap Box Derby, Inc. are permitted to be used.
- A-10.05 Recording Heat Sheets
- i. Heat sheets - car counts, start and end time, phases and differentials, type of wheel swap
  - ii. All special situations noted on sheets including disqualifications, violations, health issues, forfeits, tier issues, etc.
- A-10.06 Heat drawings must take place at random and in public.
- A-10.07 All racers with a bye in the first round must be offered at least one (1) bye run. Winner of Winners bracket bye runs at least two (2) must be offered.
- A-10.08 Between phases and heats there should be no one on return trailers.

## **A-11. Start and Finish Times**

- A-11.01 No runs on the track before 8 am without prior approval from the ISBD.
- A-11.02 Tracks that do not have lights must complete or suspend all racing at dusk. Tracks with lights must be complete or suspend all racing by 11 pm.

## **A-12. Wheel Swap**

- A-12.01 **2/4/2 Progressive or a Wheel Bank** are the only approved Wheel Swap formats. No other options are permitted without prior approval from the ISBD headquarters for each race weekend.

A-12.02 The **2/4/2 Progressive Wheel Swap** procedure is described in appendix A.

Note: If a racer must leave prior to the completion of a race, the racer may retrieve their wheels by replacing them with the set currently on their car. Wheel exchange must be done between heats and with a race official's approval.

A-12.03 The **Wheel Bank** procedure is described in appendix B.

**A-13. Wheel Procedures**

- A-13.01 Lubricants are not allowed in the pits during a race without Race Director approval. Wheels must not be cleaned once the race has begun without the Director's approval.
- A-13.02 If determined by the Race Director to clean wheels between phases of a heat, both competitors must clean their wheels, and the first phase needs to be rerun from the beginning.
- A-13.03 Wheel spinning is not allowed.

**A-14. Misc.**

- A-14.01 Crossing over the center line before or after the finish line is a lane violation resulting in a loss that heat.
- A-14.02 Hitting the timer is a line violation resulting in the loss of that heat.
- A-14.04 Any necessary repairs as approved by the Race Director, will be limited to twenty (20) minutes unless the Race Director determines more time is necessary for safety reasons.
- A-14.05 Drivers must stop their racer anytime an animal, person, or debris creates interference on the track. The phase is to be immediately rerun.

## **SECTION B: LOCAL RACE PROGRAM**

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### **B-1. Local Race Officials**

B-1.01 Local Race Officials include the Local Race Director and those persons appointed by the Local Race Director to assist in the responsibilities of the Local Race.

B-1.02 It is the responsibility of Local Race Officials to:

- a. Enforce all rules outlined in the most current edition of the rule book published by the International Soap Box Derby, Inc.
- b. Administer all paperwork pertaining to the Local Race in a timely manner
- c. Manage and control the conduct of the Local Race and all associated events
- d. Render final decisions on all matters pertaining to the interpretation and enforcement of the rules
- e. Render final decisions on all matters pertaining to the determination of winners
- f. Assess safety concerns to participants and/or spectators before, during and after the Local Race
- g. Oversee all repairs and setup changes that may be necessary to the Local winning cars and any Rally Champ cars prior to sending the car to the AASBD World Championship in Akron, Ohio.

B-1.03 A Local Race Official must remove him or herself from any decision where there is an apparent conflict of interest and the decision must be assigned to another Local Race Official.

B-1.04 No fewer than three (3) Local Race Officials may disqualify, exclude or eject a participant or member of the participant's party from a Local Race or associated event. Notification to the International Soap Box Derby, Inc. of their decision and the underlying reasons is required the next business day.

### **B-2. Minimum Participation**

B-2.01 In the Stock Division, a minimum of twelve (12) qualified participants is required for the Local Race for the winner to be eligible to compete in the AASBD World Championship.

B-2.02 In the Super Stock Division, a minimum of twelve (12) qualified participants is required for the Local Race for the winner to be eligible to compete in the AASBD World Championship.

B-2.03 In the Masters Division, a minimum of six (6) qualified participants is required for the Local Race for the winner to be eligible to compete in the AASBD World Championship.

B-2.04 A Race City can receive a waiver to run with up to two (2) less than the minimum participation listed. A waiver should be submitted at least two (2) weeks prior to Local Race. Only one (1) waiver per division will be granted within a five (5) year period.

### **B-3. Registration and Participation**

- B-3.01 A participant must register and compete at the closest Local Race to his or her permanent residence.
- B-3.02 A participant is only permitted to register and compete in one Local Race in one car in one division per AASBD Racing Season.
- B-3.03 A Local Race can not set a maximum number of participants. Entries must be accepted up until the registration closed date. The registration close date must be published on the Race City website.
- B-3.04 Working on cars between heats must have prior approval by the Race Director.

#### **B-4. Substitution**

- B-4.01 A participant's car may be raced by another substitute racer only if the original participant becomes too ill to race (doctor's excuse required) and/or in the case of an emergency.
- B-4.02 All requests for substitution are at the discretion of Local Race Officials and/or the International Soap Box Derby, Inc.
- B-4.03 The original participant may name the substitute driver for his or her car upon approval of the Local Race Director and/or the International Soap Box Derby, Inc.
- B-4.04 The substitute driver must meet all of the necessary requirements for participating in the Local Race with the only exception of not participating in the construction of the car.
- B-4.05 In the event an award is won as a result of such competition, it shall be issued in the name and to the benefit of the car builder.

#### **B-5. Official Inspection**

- B-5.01 Upon entry into the Local Race, the participant's car must pass a full official inspection using Official ISBD Inspection Sheets by Local Race Officials prior to competing.
- B-5.02 The Local Race Officials are permitted to remove any hardware at any point during the inspection or race.
- B-5.03 The participant, along with his or her guardian, and/or a Local Race Official must make all necessary repairs to the participant's car.
- B-5.04 After passing the inspection, the car must be impounded in a controlled area accessible only to Local Race Officials.
- B-5.05 After passing the inspection, a participant is not permitted to make any further repairs or changes to the car before, during and/or after the Local Race without the approval and supervision of a Local Race Official.

#### **~~B-6. Wheel Swap (Moved to rules common to all)~~**

#### **B-7. Local Champions**

- B-7.01 The winner of a Local Race is called a "Local Champion" and is eligible to compete in the AASBD World Championship against other Local Champions.

B-7.02 Local Race Organizations are permitted to send one Local Champion from each division in which a Local Race is held.

B-7.03 Former Local Stock, Super Stock and/or Masters Champions are not permitted to compete again in a Local Race in the same division in which they were a Local Champion.

B-7.04 Should the winner of a Local Race decline the opportunity to compete in the AASBD World Championship, he or she is not permitted to compete again in a Local Race in the same division in which he or she was a Local Champion.

B-7.05 Should the winner of a Local Race decline the opportunity to compete in the AASBD World Championship, the second place car is now considered a “Local Champion” and is eligible to compete in the AASBD World Championship against other Local Champions.

## **B-8. Winning Cars**

B-8.01 All cars, except the first and second place winners of the Local Race, are permitted to be returned to their owners.

B-8.02 The first place car must pass a post-race inspection by Local Race Officials. If cars are not being impounded, they must be inspected prior to release.

B-8.03 If a first place car is deemed by Local Race Officials to have violations, the car is no longer considered to be the first place winner.

B-8.04 In this circumstance, the second place car will undergo a post-race inspection by Local Race Officials. If the second place car passes inspection, it is now considered the winner.

B-8.05 Impoundment is not mandatory. It is at the Race Director’s discretion if the winning car remains impounded prior to shipment to Akron or returned to its owner. The Race Director must notify all participants prior to the race if the winning car will be impounded. The Race Director must offer ample time for winners to prepare their car for the World Championship Race while impounded.

B-8.06 All repairs and setup changes must be made under the supervision of Local Race Officials.

## **B-9. Car Shipment to the AASBD World Championship**

B-9.01 Prior to shipment to the AASBD, the winning car must pass a final inspection by the Local Race Director and a person designated by the Regional Director.

B-9.02 The winning car must be shipped to the AASBD at racing weight and must include an unused, installed brake pad and four (4) Z-Glas® wheels for trial run purposes. The body of the car must only have a maximum of four screws holding the shell to the floorboard.

B-9.03 Once the car is shipped and received by the AASBD, it becomes the sole property of the International Soap Box Derby, Inc.

## SECTION C: RALLY PROGRAM

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### C-1. Rally Commission

- C-1.01 The Rally Commission, as appointed by the International Soap Box Derby Inc., is the body responsible for overseeing the Rally Program. Responsibilities of the Rally Commission include writing, reviewing, interpreting and enforcing Rally Program Rules.
- C-1.02 Any attempt to alter or deviate from the rules may void the required *Rally Request Form* as well as all insurance and licensing agreements with the International Soap Box Derby, Inc.
- C-1.03 The ISBD reserves the right to issue or deny a Local Race Organization's request for a Rally.
- C-1.04 Only licensed All-American race cities are eligible to apply for a Rally program license and must have had one official All-American Local race in the three (3) race years prior to holding a rally.
- C-1.05 All Rally Race programs conducted for All American points must be an "open" basis with regard to entrant eligibility and may not be run on "closed" geographic boundaries.
- C-1.06 Any entry fee charged by a local organization for participating in an All-American Rally Race shall not exceed \$35 for the first family member participating or \$30 for each additional member of the same family.

### C-2. Rally Race Officials

- C-2.01 Rally Race Officials include the Rally Director and those persons appointed by the Rally Director to assist in the responsibilities of a Rally Race.
- C-2.02 It is the responsibility of Rally Race Officials to:
  - a. Enforce all rules outlined in the most current edition of the rule book published by the International Soap Box Derby, Inc.
  - b. Administer all paperwork pertaining to the Rally Race in a timely manner
  - c. Manage and control the conduct of the Rally Race and all associated events
  - d. Render final decisions on all matters pertaining to the interpretation and enforcement of the rules
  - e. Render final decisions on all matters pertaining to the determination of winners
  - f. Assess safety concerns to participants and/or spectators before, during and after the Rally Race
- C-2.03 A Rally Race Official must remove him or herself from any decision where there is an apparent conflict of interest, and the decision must be assigned to another Rally Race Official.
- C-2.04 A Rally Director's decision supersedes any decisions made by another Rally Race Official and all decisions of a Rally Director shall be final and binding upon all concerned.
- C-2.05 A decision made by the Rally Commission supersedes any decisions made by a Rally Race Official and all decisions of the Rally Commission shall be final and binding upon all concerned.
- C-2.06 No fewer than three (3) Rally Race Officials may disqualify, exclude or eject a participant or member of the participant's party from the Rally Race or associated event. Notification to the International Soap Box Derby, Inc. of their decision and the underlying reasons is required by the next business day.

### C-3. Participation

- C-3.01 In all divisions, a minimum of four (4) qualified participants is required to be considered an official AASBD point-earning Rally Race.
- C-3.02 Field size shall not be restricted to less than 48 total participants, or less than 16 entrants per division for three divisions. The Race City must declare any limitation in writing on the website and also post when the field is full on website.

### C-4. Registration and Participation

- C-4.01 Participants in the Rally Program may register and compete in an unlimited number of licensed AASBD Rally Races.
- C-4.02 A participant is only permitted to register and compete in one car in one division per Rally Race.
- C-4.03 Participants in all divisions are eligible to race in the AASBD World Rally Championship an unlimited number of times if the criteria for C-4.03 a, b, & c are met.
- a. They are age appropriate for the Division in which they are competing.
  - b. They must compete in their Local race as outlined on the chart below:

	Has not won local in Division they are racing		Previously won Local in Division they are Rally Racing	
	1st Time Rally	2+ Time Rally	1st Time Rally	2+ Time Rally
Stock	Must Race Local in any eligible division	Must Race Local in any eligible division	*No Local Necessary	Must Race Local in any eligible division
Super Stock	Must Race Local in any eligible division	Must Race Local in any eligible division	*No Local Necessary	Must Race Local in any eligible division
Masters	Must Race Local in any eligible division	Must Race Local in any eligible division	*No Local Necessary	Must Race Local in any eligible division

\*Although no Local race participation is required, racers are encouraged to participate in a Local Race in a division in which they are eligible.

- c. Participants must use a car that meets all current rules and building specifications. Cars that have been used in a previous AASBD World Championship Race in Akron, Ohio may continue to be used by the SAME participant as long as it meets all other current rules and building specifications.

- C-4.04 During a Rally Race Weekend a double elimination must be held before a single elimination.

### C-5. Substitution

- C-5.01 Substitution is not permitted in the Rally Program.



## **C-6. Official Inspection**

- C-6.01 Upon entry into a Rally Race, the participant's car must pass an official inspection by Rally Race Officials prior to competing. Must have checked washer stacks, nose gaps, weights, brakes, foam and steering. All other items are strongly recommended and must be consistent with all racers.
- C-6.02 The Rally Race Officials are permitted to remove any hardware at any point during the inspection.
- C-6.03 The participant, along with his or her guardian, and/or a Rally Race Official must make all necessary repairs to the participant's car.
- C-6.04 After passing the inspection, a participant is not permitted to make any further repairs or changes to the car before or during the Rally Race without approval and supervision of a Rally Race Official.

## **C-7. Procedures**

- C-7.01 A progressive wheel swap, either 2/4/2 or 4/4(with a wheelbank), must be incorporated in all Double elimination Rally Races. A 2/4/2 or 4/4(with a wheelbank)wheel swap either progressive or non-progressive must be used in any single elimination Rally Race.
- C-7.02 Working on cars between heats is permitted. Race Directors must be notified before beginning work on a car. Working on a car between heats must not delay a race.

## **C-8. Rally Regions**

- C-8.01 North America is divided into the following thirteen (13) Regions:

<b><i>Region</i></b>	<b><i>States in Region</i></b>
Region I	Alaska, Idaho, Montana, Oregon, and Washington
Region II	Arizona, California, Hawaii, Nevada, and Utah
Region III	Arkansas, Louisiana, New Mexico, Oklahoma, and Texas
Region IV	Colorado, Iowa, Kansas, Missouri, Nebraska, North Dakota, South Dakota, and Wyoming
Region V	Illinois, Indiana, Michigan, Minnesota, and Wisconsin
Region VI	Ohio and West Virginia
Region VII	Alabama, Florida, Georgia, Mississippi, and South Carolina
Region VIII	Delaware, District of Columbia, Maryland, New Jersey, Pennsylvania, and Virginia
Region IX	New York
Region X	Maine, Massachusetts, New Hampshire, and Vermont
Region XI	Connecticut and Rhode Island
Region XII	Kentucky, North Carolina, and Tennessee
Region XIII	International

## C-9. Rally Regional Titles (Rally Champions)

C-9.01 When a participant wins a Rally Regional Title, he or she is called a “Rally Champion” and will receive an invitation to represent his or her Region by competing in the AASBD World Championship with other Rally Champions. The Rally Champion can decline the invitation and must do so in writing to the ISBD headquarters office. If a qualifying racer declines the invitation, they forfeit the invitation only for that year but can receive an invitation in subsequent years in the same division as long as they re-qualify.

C-9.02 A winner of a Rally Regional Title must represent the Region in which his or her permanent residence is located for the current AASBD Racing Season. The mailing address on file at the All-American Soap Box Derby office will be used to determine the Region for the race year.

C-9.03 Rally Regional Titles are awarded annually in each of the Stock, Super Stock and Masters Divisions.

C-9.04 The number of participants capable of winning Rally Regional Titles is a function of both total points accumulated by the participant and the total number of Rally Racers by division from the participant’s Region.

C-9.05 Participants in the Rally Program earn points by competing in licensed AASBD Rally Races.

C-9.06 A participant must accumulate a minimum of one hundred twenty (120) points to be considered eligible to win a Rally Regional Title.

C-9.07 The number of Rally Regional Titles that will be awarded by a Rally Region is determined by multiplying the number of racers per region and division by a predetermined percentage (listed below).

**Factor for those Regions holding a minimum of ten (10) Double Elimination Rally Races \*\*::**

Stock:	20%
Super Stock:	20%
Masters:	45%

**Factor for those Regions holding less than ten (10) Double Elimination Rally Races: \*\***

Stock:	10%
Super Stock:	10%
Masters:	23%

**In an effort to encourage Racers to participate in the Rally Program, a minimum of one qualified Rally Racer per division will be invited from a Region when that Region is not able to hold the required amount of Rally Races or has minimal participation.**

C-9.08 Notwithstanding the selection criteria previously described, all participants that accumulate six hundred (600) or more points will automatically receive an invitation to compete in the AASBD World Championship and Rally Challenge Race as a Rally Champion.

C-9.09 Those participants with six hundred (600) or more points will be awarded Rally Regional Titles first.

C-9.010 After the participants that have accumulated six hundred (600) or more points are selected, any remaining Rally Regional Title openings will be chosen from the qualified racers in that Region and Division with the most accumulated points until all invitations are filled.

C-9.011 A participant that wins his or her Local Race is no longer eligible for a Rally Regional Title for the current AASBD Racing Season and must represent that Local Race City Organization at the AASBD World Championship.

## **C-10. National Top Point Winner**

- C-10.01 In addition to the Rally Regional Title winners, one participant from each division (Stock, Super Stock and Masters) who has accumulated the most points during the AASBD Racing Season will be invited to compete in the AASBD World Championship as the “National Top Point Winner” for that division.
- C-10.02 If the National Top Point Winner wins his or her Local Race, he or she must compete in the AASBD World Championship as a Local Champion. No other car is eligible to be the National Top Point Winner in the Rally Program.

## **C-11. Point Administration**

- C-11.01 Points earned in the current racing season may not be carried over into the next racing season.
- C-11.02 Points earned while racing in one division may not be carried over into another division.
- C-11.03 Participants accumulate two types of points:
  - a. Placement Points
  - b. Participation Points
- C-11.04 A participant’s point total is determined by the participant's twenty (20) best placements (Placement Points) plus total Participation Points in an AASBD Racing Season.

Placement Points

+ Participation Points

Point Total

## **C-12. Participation Points**

- C-12.01 A participant will be awarded Participation Points for each Rally Race that he or she competes in for the AASBD Racing Season.
- C-12.02 The participant may not race in more than four (4) Rally Races in any one weekend or two (2) races in any one day of racing.
- C-12.03 A participant must compete in the Rally Race to earn Participation Points.
- C-12.04 Participation for competing in a Rally Race shall be defined as racing in good faith and to the best of one’s ability until being eliminated by another participant.
- C-12.05 If inclement weather forces the cancellation of a Rally Race, Participation Points for an individual race will only be awarded when ALL participants have completed their first heat of racing. A Heat is defined as two participants racing each other to the best of their ability for two complete phases and the time differential resulting in a winner.
- C-12.06 The number of Participation Points awarded for a Rally Race will be Dependent on the size of the field for that race. The calculation will be: The number of Participants divided by two (2), rounded down.

For example: in a 13-car race, 6 Participation Points would be awarded to all Participants ( $13/2=6.5$ , rounded down to 6).

### C-13. Placement Points

C-13.01 Placement Points are accumulated by the participant's top twenty (20) placements for the AASBD Racing Season.

C-13.02 Points earned according to placement are as follows:

<i>Placement</i>	<i>Points Earned</i>
1 <sup>st</sup>	40
2 <sup>nd</sup>	35
3 <sup>rd</sup>	30
4 <sup>th</sup>	25
5 <sup>th</sup>	20
6 <sup>th</sup>	15
7 <sup>th</sup>	10
8 <sup>th</sup>	5

C-13.03 If time or weather precludes racing of third (3<sup>rd</sup>) through eighth (8<sup>th</sup>) placement of any bracket, a coin toss may be used to determine prizes and trophies, but not to award points.

C-13.04 Undetermined brackets are permitted to be averaged and points must be awarded evenly among the participants involved.

For example, if fifth (5<sup>th</sup>) and sixth (6<sup>th</sup>) placements are not determined, both participants would receive 17.5 points.

20 Points (5<sup>th</sup> Placement)

+ 15 Points (6<sup>th</sup> Placement)

35 Points (Divided by 2 = 17.5 Points)

C-13.05 For the Stock and Super Stock Divisions Only:

- Participants will only be awarded full points if there are eight (8) or more participants.
- Rally Races with four (4) to seven (7) participants will only award from 8<sup>th</sup> placement forward.

For example, a race with only four (4) participants would award points for fifth (5<sup>th</sup>), sixth (6<sup>th</sup>), seventh (7<sup>th</sup>) and eighth (8<sup>th</sup>) placements.

C-13.06 For the Masters Division Only:

- Participants will only be awarded full points if there are six (6) or more participants.
- Rally Races with four (4) to five (5) participants will only award points from sixth (6<sup>th</sup>) placement forward.

For example, a race with only four (4) participants would award points for third (3<sup>rd</sup>), fourth (4<sup>th</sup>), fifth (5<sup>th</sup>) and sixth (6<sup>th</sup>) positions.

#### **C-14. Changing Divisions**

- C-14.01 The division in which a participant initially rallies in during the AASBD Racing Season will be recorded as his or her base division.
- C-14.02 Should a racer change divisions, he/she will accumulate points in the new division with no change to the points already accumulated in the base division. Points in multiple divisions will accumulate throughout the official Rally racing season. Points in all divisions will reset to zero at the start of a new Rally racing season.
- C-14.03 The racer must choose a single division in which they will race during the All-American World Championship if the racer qualifies in more than one rally division. The racer is responsible for notifying the All-American Soap Box Derby office of their World Championship division choice by May 31 each year. Points in the non-chosen division do not carry over into the next Rally racing season.

#### **C-15. Tie Breaker in Determining a Rally Regional Title**

- C-15.01 In the event of a tie in the final point tabulation for awarding a Rally Regional Title, the first tie breaker determination will be the total number of participants that the participant competed against in his or her top twenty (20) placements.
- C-15.02 If necessary, the second tie breaker will be the number of wins; the third tie breaker will be number of second-place finishes; and the fourth tie breaker will be number of third-place finishes.

#### **C-16. Car Shipment to the AASBD World Championship**

- C-16.01 Prior to shipment to the AASBD, the winning car must pass a final inspection by their Local Director. The car then should be checked by either a Rally Commission member, Regional Director or someone appointed by the Regional Director.
- C-16.02 The winning car must be shipped to the AASBD at racing weight and must include an unused, installed brake pad and four (4) Z-Glas™ wheels for trial run purposes. The body of the car must only have a maximum of four screws holding the shell to the floorboard.
- C-16.03 Once the car is shipped and received by the AASBD, it becomes the sole property of the International Soap Box Derby, Inc.

## **SECTION D: ALL-AMERICAN SOAP BOX DERBY (AASBD) WORLD CHAMPIONSHIP**

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### **D-1. AASBD Race Officials**

- D-1.01 AASBD Race Officials are those persons appointed by the International Soap Box Derby, Inc. to assist in the responsibilities of the AASBD World Championship.
- D-1.02 It is the responsibility of AASBD Race Officials to:
- a. Enforce all rules outlined in the most current edition of the rule book published by the International Soap Box Derby, Inc.
  - b. Manage and control the conduct of the AASBD World Championship and all associated events
  - c. Render final decisions on all matters pertaining to the interpretation and enforcement of the rules
  - d. Render final decisions on all matters pertaining to the determination of winners
  - e. Assess safety concerns to participants and/or spectators before, during and after the AASBD World Championship
  - f. Oversee all repairs as may be necessary to the participating cars before and during the AASBD World Championship
- D-1.03 An AASBD Race Official must remove him or herself from any decision where there is an apparent conflict of interest and the decision must be assigned to another AASBD Race Official.
- D-1.04 No fewer than three (3) AASBD Race Officials may disqualify, exclude or eject a participant or member of the participant's party from the AASBD World Championship or associated event.

### **D-2. Registration and Participation**

- D-2.01 All Local/Rally Champions and/or Local/Rally Race Directors must thoroughly complete and submit all Champion Paperwork by the required date set forth by the International Soap Box Derby, Inc.
- D-2.02 Exceptions to Rule D-2.01 will only be made for those Local Race City Organizations that have made prior arrangements with the International Soap Box Derby, Inc.

### **D-3. Attire**

- D-3.01 All participants must wear an issued, unaltered AASBD racing shirt issued by the International Soap Box Derby, Inc. and comply with all other attire requirements as set forth in Rule A-5.

### **D-4. Substitution**

- D-4.01 A Champion's car may be raced by another substitute racer only if the original participant becomes too ill to race (doctor's excuse required) and/or in the case of an emergency.
- D-4.02 All requests for substitution are at the discretion of the International Soap Box Derby, Inc.
- D-4.03 The original participant may name the substitute driver for his or her car upon approval of the International Soap Box Derby, Inc.
- D-4.04 The substitute driver must meet all of the necessary requirements for participating in the AASBD World Championship Race with the only exception of not participating in the construction of the car.
- D-4.05 In the event an award is won as a result of such competition, it shall be issued in the name and to the benefit of the car builder.

D-4.06 There are no substitutes for Rally participants during any AASBD races including the World Championship race and Rally Challenge race.

#### **D-5. Official Inspection**

- D-5.01 Upon entry into the AASBD World Championship, the participant's car must pass an official inspection by AASBD Officials prior to competing.
- D-5.02 The AASBD Race Officials are permitted to remove any hardware at any point during the inspection.
- D-5.03 The participant, along with his or her guardian, and/or an AASBD Race Official must make all necessary repairs to the participant's car.
- D-5.04 A participant is permitted to have one witness of his or her choice to observe any repairs performed by an AASBD Race Official.
- D-5.05 After passing the inspection, the car must be impounded in a controlled area accessible only to AASBD Race Officials.
- D-5.06 After passing the inspection, a participant is not permitted to make any further repairs or changes to the car before, during and/or after the AASBD World Championship without the approval and supervision of an AASBD Race Official.

#### **D-6. World Champions (Local and Rally)**

- D-6.01 The first, second and third place winners from each division of the AASBD World Championship Local and Rally Race must be immediately impounded in a controlled area accessible only to AASBD Race Officials.
- D-6.02 Each car must pass a post-race inspection by AASBD Officials to become certified as the top three World Local/Rally Champions for the according division.
- D-6.03 The first-place cars remain the sole property of the International Soap Box Derby, Inc.
- D-6.04 The second and third place and all other cars may be returned to their appropriate owners, at the conclusion of the race.

#### **D-7. Winning Cars**

- D-7.01 Former Local Champions are not permitted to compete again in a Local Race in the same division in which they were a competitor in the AASBD World Championship Local Race.

**Appendix A**  
**2/4/2 Progressive Wheel Swap**

1. When called to race, swap the 2 designated wheels with your opponent, and put the wheels on your car.
2. Wheel's must be labeled on the outside only - RF, LF, RR, LR. Wheelsets must stay together. It is recommended that you have an identifying mark or name of who the owner is. It is recommended that race cities have stickers available.
3. Report to the ramp for the first phase of the race.
4. After completing the first phase, swap all 4 wheels with your opponent in the designated wheel swap area. Wheels must be placed precisely the same way they came off your opponent's car. Your left front goes on their left front, and your right front goes on their right front, etc.
5. Report to the ramp for the second phase of race after wheel swap.
6. Once the second phase of the race is over, return to the designated wheel swap area, & immediately swap the 2 designated wheels with your opponent, and put the wheels on your car. The four wheels left on your car should be a complete set & should be a different set from when you started the heat.
7. Continue the procedure from 1-5 for each heat (2 phases equal a race heat).



**APPENDIX B**  
**Wheel Bank Procedure**

1. Wheel Bank is supplied either by the race city or created by pooling from all participants.
2. There is only one wheel bank supplied for all divisions. There is no division-specific wheel bank.
3. There must be a secure designated wheel bank area with no less than one volunteer to control and distribute wheels.
4. "Create by pooling" - all participants remove wheels and take them to the secured wheel bank area. Wheel's must be labeled on the outside only - RF, LF, RR, LR. Wheelsets must stay together. It is recommended that you have an identifying mark or name of who the owner is. It is recommended that race cities have stickers available.
5. When called to race, report to the designated wheel bank area to be issued a set of wheels by a rotation process where the wheelsets that are handed out are the sets that have been sitting the longest. The wheels are then to be placed on the appropriate spindle on your car.
6. Report to the ramp for the first phase of the race.
7. After completing the first phase, swap all 4 wheels with your opponent in the designated wheel swap area. Wheels must be placed precisely the same way they came off your opponent's car. The left front goes on the left front, and the right front goes on the right front, etc.
8. Report to the ramp for the second phase of race after wheel swap.
9. Once the second phase of the race is over, return to the pit area, & immediately remove all 4 wheels and return them to the wheel bank, where they will be placed at the back of the available wheelsets to be distributed last.
10. Continue the procedure from 5-9 for each heat (2 phases equal a race heat).
11. If bye-runs are taken, the racer reports to the designated wheel bank area to be issued a set of wheels by the rotational process (described above) to utilize for their bye run(s). Once the bye-run is completed, the racer returns to the pit area & immediately removes all 4 wheels, and returns them to the wheel bank. See A-10.07 of the rule book on bye run procedure.