

# Pintwood Derby 2023 Official Rules

## Awards

Prizes for First, Second and Third place in each class as well as Best Design, Best Paint Job, and Most Original. No bribes will be accepted...unless it contributes to the overall success of our fundraising effort. Only kidding...maybe...

## General Race Rules

This isn't rocket science. While we don't want to take our derby too seriously, there are some rules. Keep in mind that we will have inspectors at race day check in who will evaluate each car.

Play hard but play fair!

1. Must be 21 or older to enter.
2. All cars must pass inspection to qualify for the race division. Inspectors' decisions are FINAL.
3. If, during a race, a car leaves the track without interfering with its opponent, it shall be considered to have ended its heat at that point.
4. If a car leaves its lane, at his sole discretion, the track chairman may inspect the track and, if a track fault is found which probably caused the initial violation; the track chairman may order the race to be rerun after the track is repaired.
5. If, during a race, no car reaches the finish line on the track, the car which went the farthest in its lane shall be declared as the heat winner.
6. If, during a race, a car leaves its lane and, in so doing, interferes with another racer, then the car at fault shall be declared to have lost the race heat.
7. Once the car is officially weighed in, there will be no more adjustment to the car, including further lubrication for that day of racing

Stock Class and Outlaw Class rules below:

# Pintwood Derby – Stock Class

## Dimensions

- Width – 2  $\frac{3}{4}$ " Maximum.
- Length – 7" Maximum.
- Height – 5" Maximum.
- Width between wheels – 1  $\frac{3}{4}$ " Minimum.
- Bottom clearance –  $\frac{3}{8}$ " Minimum. Anything less than this could drag on the track.
- Wheelbase – The distance between axle slots may not be altered.

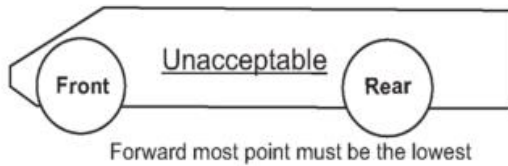
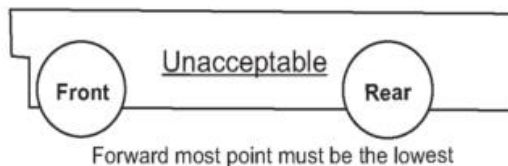
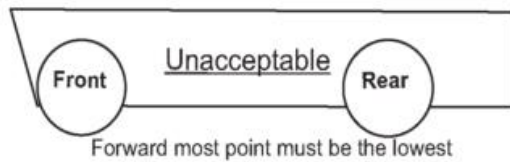
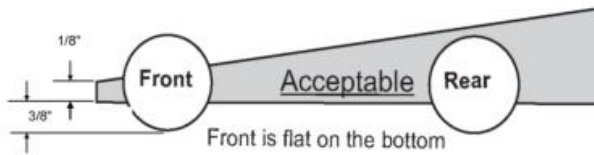
## Weight

- Weight – Maximum of 5 ounces. The scale at the weigh-in is the official scale.

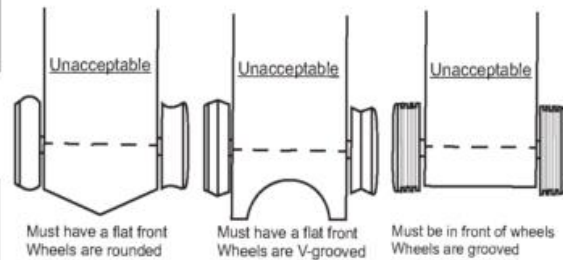
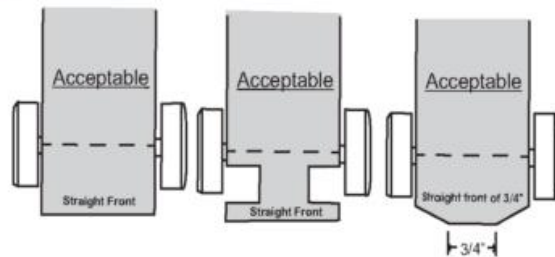
## Rules

- Use the materials supplied in the pinewood derby kit supplied Friends of 726. Aftermarket wood blocks, axles and wheels will not be permitted. It must be obvious to the judges at check-in that the wood block, wheels and axles (no full axles) from the kit are used.
- The wheels may **NOT** be cut, drilled, beveled or rounded. You may remove the seam from the wheels. The axles may be polished and lubricated with dry lubricant only.
- The axle nails shall be firmly affixed to the wood block and in the original axle grooves in the supplied wooden block.
- Only dry lubricant is permitted. Over-application of lubricant, which results in excessive shedding onto the track, is not allowed.
- Details, such as steering wheel and driver are permissible as long as these details do not exceed the maximum length, width and weight specifications.
- Wheel bearings, washers and bushings are prohibited.
- The car shall not ride on springs.
- The car must be free-wheeling, with no starting devices.
- Each car must pass inspection by the official inspection committee before it may compete. If, at registration, a car does not pass inspection, the owner will be informed of the reason for failure, and will be given time within the official weigh in time period to make the adjustment.
- Once a car has passed inspection, the car will be quarantined. Further modifications to the car will not be allowed once it is quarantined. The car will be raced in the quarantined condition.
- During the racing event, cars can only be handled by a race official
- No part of the car body may protrude in front of the starting peg and the front end of the car must meet the following specifications:

## Front end design specifications:



## Front end design specifications:



## Prohibited Items:

1. Springs
2. Starting devices or propellants
3. Liquids, wet paint, oil, sticky substance, or powders of any kind (other than axle lubrication)
4. Glass or excessively fragile parts
5. Wheel bearings
6. Loose objects on car
7. The car body may have no moving parts
8. Magnets

Appropriate behavior is expected of everyone.

# Pintwood Derby – Outlaw Class

## Dimensions

- Width – 2 ¾" Maximum.
- Length – 7" Maximum.
- Width between wheels – 1 ¾" Minimum.
- Height – 5" Maximum.
- Bottom clearance – 3/8" Minimum. Anything less than this could drag on the track.

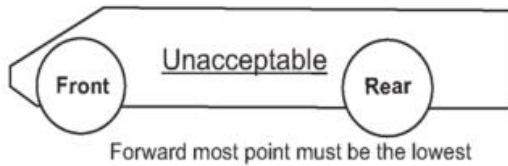
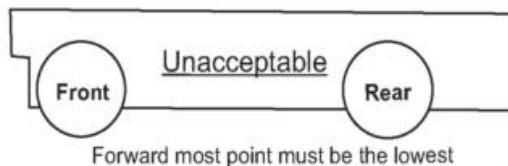
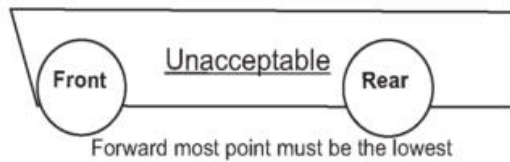
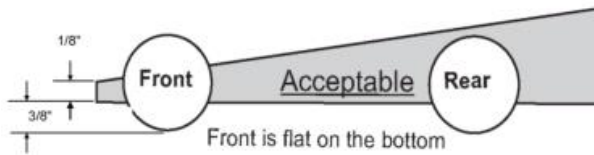
## Weight

- Weight – Maximum of 10 ounces. The scale at the weigh-in is the official scale.

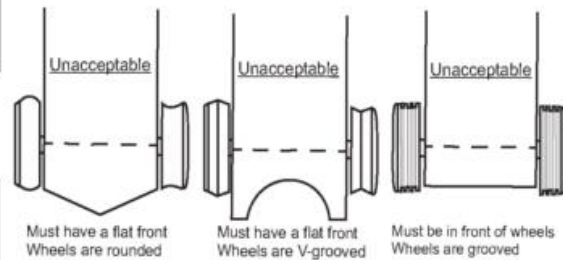
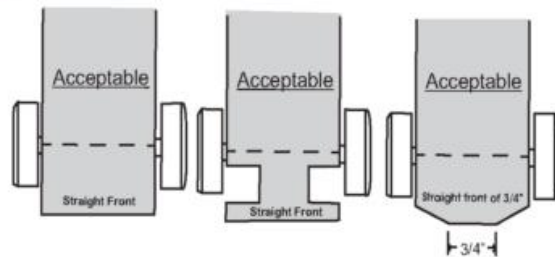
## Basic Rules

- The wood contained in the Pinewood derby kit provided supplied Friends of 726 must be used.
- Wheels:
  - a. Wheels must be constructed of plastic, rubber, or polyurethane.
  - b. Wheel hubs may be made of metal, but may never come in direct surface contact with the track.
  - c. There must be at least four wheels on the car.
  - d. The wheels must be attached directly to axle and spin freely.
- Axles must not be connected to any device that mechanically alters rotation or spin.
- Any additions to the car must not exceed the dimensions above.
- Only dry lubricant is permitted. Over-application of lubricant, which results in excessive shedding onto the track, is not allowed.
- The car must be free-wheeling, with no starting devices.
- Each car must pass inspection by the official inspection committee before it may compete. If, at registration, a car does not pass inspection, the owner will be informed of the reason for failure, and will be given time within the official weigh in time period to make the adjustment.
- Once a car has passed inspection, the car will be quarantined. Further modifications to the car will not be allowed once it is quarantined. The car will be raced in the quarantined condition.
- During the racing event, cars can only be handled by a race official
- No part of the car body may protrude in front of the starting peg and the front end of the car must meet the following specifications:

## Front end design specifications:



## Front end design specifications:



## Prohibited Items:

1. Springs
2. Starting devices or propellants
3. Liquids, wet paint, oil, sticky substance, or powders of any kind (other than axle lubrication)
4. Glass or excessively fragile parts
5. Devices which extend past the front of the car
6. Magnets

Appropriate behavior is expected of everyone