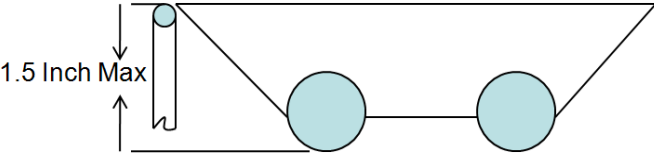


AZ District Derby Rules & Car Specs 2012

These guidelines and specification will be used at the AZ District Level.

- 1) A contestant may enter only one car per racing class.
- 2) In order to be eligible for competition, either racing or workmanship,
 - a) A car must be able to race in its' class.
 - b) A care must fit on and roll down the track without interfering with any other car.
- 3) Derby cars are to be made from Royal Ranger car kits. {Kits contain: (1) block of wood, (2) 3/8" round wood dowel axles, (4) sm wood screws, (4) wheels - sold by GPH or Ranger Store California. }
- 4) Contestant may add weight to the car in order to bring the car to the maximum allowed weight.
 - a) Weights must be an integral part of the car.
 - b) Weights may be placed inside the block, mounted as an ornament, or be otherwise permanently attached to the car.
 - c) Weights may **not** be taped or set on a car.
 - d) Weights or any other parts of a car that comes off during a heat may not be put back on the car.
- 5) The most forward part of the car must touch the start pegs face. No part of the car can go beyond this point. The forward most point which engages the peg must be under 1.5 inches in height to ensure that it will stage on the starting peg.

The diagram shows a side view of a derby car chassis. It consists of a rectangular body with a sloped front end. Two wheels are mounted on an axle. A vertical line with arrows at both ends indicates a height measurement of 1.5 inches from the bottom surface to the top of the front-most part of the chassis, labeled '1.5 Inch Max'.
- 6) A car may not leave its track lane at any time between start and finish line. A car that leaves the track more than one time may be disqualified.
- 7) Once a car has been registered, no further work may be done to it.
- 8) No live creatures and no liquids will be allowed.
- 9) Cars racing in **5.5 oz class** specifications
 - a) Maximum Length (including all attachments)..... 7-1/2 inches
 - b) Maximum Width..... 2-3/4 inches
 - c) Maximum Height..... 3 inches
 - d) Maximum Weight..... 5.5 oz.
 - e) Minimum Under-car Clearance..... 3/8 inch
 - f) Minimum Distance Between Wheels..... 1-3/4 inch
- 10) Cars racing in Super Modified **8 oz. class** specifications
 - a) Car must meet standards in.....Rules (1-8)
 - b) Maximum Length (including all attachments)..... 7-1/2 inches
 - c) Maximum Width..... 2-3/4 inches
 - d) Maximum Height..... 3 inches
 - e) Maximum Weight..... 8 oz.
 - f) Cars in this class may alter the wheels
 - g) Cars in this class may use washers or bearings on the axles
- 11) The following Categories will race at the AZ Derby.
 - a) Ranger Kids
 - b) Discovery Rangers
 - c) Adventure Rangers
 - d) Expedition Rangers
 - e) Dads and Commanders
 - f) Super Modified – open to all
 - g) Open – anyone not in Royal Rangers