

Miatawood Derby Rules

Awards will be given for fastest car and for best looking car in all four classes, the best looking car in each class will be voted for by everyone at the races.

We are strongly recommending that, beginning this year (2011), entered cars be in classes UM, RM or SM. New cars for class SPD are fine as well, but our intent is to transition to Miata look cars and new/updated cars each year.

Class UM, (Unlimited Miatas) Miatawood Derby Car

- * Class UM cars will look like Miatas, either realistic or silhouette style.
- * The overall length of the car shall not exceed 7 inches.
- * The overall width of the car shall not exceed 3 inches.
- * The car must have no less than 2" clearance between the wheels and no more than 2 1/4" clearance between the inside edges of the wheels.
- * The car must have 3/8" clearance underneath the body so it does not rub on the track.
- * Weight to be not over 12 ounces, car can be made from any type of material.
- * Wheels must be Pinewood Derby but they may be modified, bushings and spacers may also be used.

Class RM, (Realistic Miatas) Miatawood Derby Car

- * Named the RM class, this would be Realistic Miatas, these cars would be 7" long and carved to look realistic with recessed Pinewood Derby wheels and curved body shapes.
- * The overall length of the car shall not exceed 7 inches.
- * The overall width of the car shall not exceed 3 inches.
- * The car must have no less than 2" clearance between the wheels and no more than 2 1/4" clearance between the inside edges of the wheels.
- * The car must have 3/8" clearance underneath the body so it does not rub on the track.
- * Weight to be not over 8 ounces, car can be made from any type of material.

Class SM, (Silhouette Miatas) Miatawood Derby Car

- * Silhouette Miatas, could be as simple as tracing a picture of a Miata on a 2x4, cutting it out and adding Pinewood Derby wheels. There is no attempt to recess wheels or carve a realistic looking body in SM, the entrant could simply paste a picture of his/her car on a 2x4 and nail on four Pinewood Derby wheels. and go racing.
- * The overall length of the car shall not exceed 7 inches.
- * The overall width of the car shall not exceed 3 inches.
- * The car must have no less than 2" clearance between the wheels and no more than 2 1/4" clearance between the inside edges of the wheels.
- * The car must have 3/8" clearance underneath the body so it does not rub on the track.
- * Weight to be not over 8 ounces, car can be made from any type of material.

Class SPD (Standard Pinewood Derby kits) Car Dimensions

- * The Standard Pinewood Derby class can be built up from any standard Pinewood Derby kit car and wheels.
- * The overall length of the car shall not exceed 7 inches.
- * The overall width of the car shall not exceed 2 3/4" inches.
- * The car must have 1 3/4" clearance between the inside edges of the wheels.
- * The car must have 3/8" clearance underneath the body so it does not rub on the track
- * The car weight shall not exceed 5.0 ounces.
- * The official pine wood block or other official size wood block must be used. The block may be shaped in any way that is desired.
- * Official BSA wheels must be used. The wheels may not be cut, drilled, beveled or rounded. You may remove the seams and imperfections from the wheels.
- * The axles may not be altered but may be polished and lubricated.

Car Modifications Not Allowed

- * Wheel bearings, washers or bushings are prohibited (except UM)
- * The car must not ride on any type of springs
- * No starting devices. The car must be freewheeling.
- * No loose material of any kind, such as lead shot, may be used.

Other Miatawood Derby Race Rules

- * Once a car passes inspection and is entered into the race, only race committee members can touch it.
- * If the car loses a wheel, or is otherwise damaged, the racer shall have 5 minutes to make a repair
- * Each car must pass inspection by the official inspection committee before it will be allowed to compete.
- * The Inspection Committee has the responsibility to disqualify those cars that do not meet these specifications.
- * The official race scale that is used at car check-in shall be considered final.