

Midnight at the Oasis – 2008 PINWOOD DERBY RULES

Cub Scout Division Race

1. The Midnight at the Oasis - 2008 Pinewood Derby Cub Scout Division Race is open to ALL REGISTERED CUB SCOUTS.
2. This is a double elimination race, all cars registered after the first round but before the end of the second round of elimination's shall be given one loss. No car shall be registered after the end of the second round of elimination.
3. All cars must pass inspection. A participant may only enter one car. The purposes of inspection are to insure a fair race and also that the participant car is able to fit on the track.
Inspection points:
 - a.) The wood body, axles, and wheels must be provided in the BSA "Official Grand Prix Pinewood Derby Kit", # 17075. The body may be shaped, sanded and painted. The axles may be polished and the wheels may be lightly sanded to remove the mold projections. No other modification to the wheels is allowed. "Tread marks" on the wheel face must remain intact and apparent to the inspector. Beveling, tapering, thin sanding or wafering to the wheels is prohibited. The portion of the wheel surface that contacts the track must remain parallel to the axle.
 - b.) Any details added must be within length, width and weight limits.
 - c.) The total width of the car shall not exceed 2 ¾" inches.
 - d.) The distance between the inside of the wheels shall be 1 ¾".
 - e.) The total length of the car shall not exceed 7".
 - f.) The wheelbase of the kit shall not be changed from 4 3/8".
 - g.) The weight of the car shall not exceed 5 ounces. Weight may be added to the car by addition of wood, metal or lead provide it is securely built into the body or firmly affixed to it. Mercury is not allowed as it is a health hazard. Be prepared to make weight adjustments to your car if necessary.
 - h.) Wheel bearings, washers, bushings, inserts, sleeves and hubcaps are prohibited.
 - i.) The car shall not ride on any type of springs.
 - j.) The distance from the ground to the bottom of the vehicle shall be 3/8" minimum.
 - k.) The car must be freewheeling with no starting devices or starting mechanisms imparting momentum to the car.
 - l.) No loose material of any kind is allowed on the car or inside the car body.
4. The inspection committee shall disqualify cars that do not meet the rules as described. Cars that fail the initial inspection may be modified and returned for a second inspection for final registration if time allows.
5. After a car has been officially inspected and checked in, it shall be assigned an entry number. After check in the car shall be handled only by race officials. If the car is damaged or needs repair during the race, it will be given back to the Boy for immediate repair with the assistance of his adult partner or crewmember. (5 minute maximum). Lubrication of wheels at this time is not allowed.
6. Lubrication of wheels with dry lubricant by the Boy who built and registered the car will be allowed at the original inspection and registration. During the break between the preliminary race and the finals, wheels may be lubricated again. Lubricant will not be provided. Only a dry lubricant such as graphite or powdered Teflon "white lube" will be allowed.
7. Should the car be damaged due to track fault by another car or person, then the track master may at his/her discretion, allow additional repair assistance and time. If a car leaves its lane due to track fault the track master at his discretion may order the race to be rerun after track repairs.
8. Only race officials will be allowed inside the "pit" area at the track. The pit area will house the official scale and official length box.
9. The track master will supervise the staging of all cars prior to each race. The race will begin once the track master is satisfied that all cars are properly placed and ready to race.
10. The first car to have its nose cross the plane of the finish line will win the race. Finish Line Judges at each lane will confirm the first, second, third, fourth place winners. The first and second place winners will advance to the winner's bracket. Third and fourth place will be placed in the loser's bracket. If no car reaches the finish line the car traveling the farthest distance shall be declared as the winner of the race. When a car receives two losses it is eliminated.
11. If a car leaves the track, runs out of its lane, interferes with another car, loses an axle, etc. the race will be rerun. If the same car gets into trouble on the second run, the car is disqualified and automatically loses that race. If on the second run a car is interfered with, these same procedures will be followed until a clean race is completed.
12. Unsportsmanlike conduct by any participant or member of the audience will be grounds for expulsion from the competition and/or race area.
13. All decisions by the Pinewood Derby Officials are final. Interpretations of the rules described above are the sole discretion of the inspection and registration officials.
14. Prizes will be awarded to Cars winning the First, Second and Third place.