



PACK 851 2010 PINEWOOD DERBY



Race-Day: January 28th, Impound 7:30-8:00 a.m., Racing 8:00 a.m.- 11 a.m at Alta Vista Park Community Room, 715 Julia, Redondo Beach

Impound: Wednesday, January 25th, 7:00-9:00 p.m. @ Kevin's House
20319 Tomlee Ave., Torrance, 90503, Phone #: 316-3600

Car Building Workshop (Optional):

Saturday, January 7th, 2 p.m. - 5:00 p.m. @ Terry's House
5208 Maricopa St., Torrance, 90503, Phone #: 921-3537

Impound Rules:

Your car will be weighed and measured. If your car passes inspection, it will be impounded until the time of your race. If your car does not pass inspection, you will be allowed to make the necessary adjustments and be re-inspected that evening or on the morning of the race. Race day inspection will be from 7:30 to 8:00 a.m. At this time your car will be impounded until the time of your race.

Rules:

- All cars must be made from the standard BSA official Grand Prix Pinewood Derby kit made this year. **Cars raced in previous years will not be allowed.**
- Added parts must be purely decorative in nature and must fit within the specified dimensions.
Key Specs: Weight: 5 oz Width: 2 $\frac{3}{4}$ " Length: 7" Height: 3" Clearance: 3/8"
- If you put weights on the bottom they must be recessed. A minimum of 3/8" clearance is needed to clear the track.
- **You want your car to be as close to 5 ounces as possible so you will need to add weight.**
- Axles (nails) and wheels must be those provided with the kit and must be in the slots provided in the wood block. No bearings, washers or bushings are permitted.
- Wheel tread may not be altered. Burrs may be removed but no other alterations are allowed. Wheels may not be ground to a sharp edge, may not have centers hollowed, may not have holes drilled, may not be tapered.
- No loose materials of any kind (lead shot, etc.) are allowed in the car. The car may be hollowed and weight added to the allowable limit provided it is securely attached.
- Car must be free wheeling with no starting devices. The car must start by gravity from a stand still, no pushing is allowed.
- The car shall not ride on any kind of springs.
- Only dry lubricant (i.e. graphite) may be used.
- The front (middle) of the car must be flat where it contacts the starting dowel. No part of the car can extend past the dowel. Car's that do not meet this requirement will not race.
- **The bottom of the car must be smooth.** The Pack will be using new tracks this year that have a stop section that lifts the cars from the bottom and brings them to a stop with friction. **Rough bottoms or protruding weights could damage the track and will not be permitted to race.**

RACE DAY

Final Impound: Saturday, January 25th, 7:30-8:00 a.m. *Due to time constraints you must be impounded by 8am to race! Do not be late!*

If your car has not been inspected, it must be inspected before you can enter the race. The impound inspection on Saturday morning will take place at the event site.

Racing: Saturday, January 28th, 8:00 a.m. - 11 a.m.

The race is a double elimination competition. This means that you will race two races against another racer to determine a winner. To be eliminated you must lose to two racers. Therefore, each racer will race a minimum of four races. No Cub Scouts will be allowed to handle their cars during the racing. Their car will be moved to and from the track by runners from a Boy Scout Troop. After your car has been eliminated, it will be freed from impound and can be raced on the outdoor practice track. Racing will be grouped by divisions i.e.; Tiger, Wolf, Bear, etc. The winners of each division will have a race off to determine the fastest of the Pack. Winners of their respective divisions will be eligible to race in the district finals at the Del Amo Mall. The date will be announced later. Please respect the finish line judges as their ruling will be final.

Safety:

Stay behind the caution tape at all times. No stepping or jumping across the tracks is permitted.

Seating:

The chairs located at the end of the track are for the Dens racing at that moment. For example, when the Tigers are racing they will be invited to sit at the end of the track. When they are done the Wolves will then take their seats at the end of the track. The seating parallel to the tracks is for the families and the Dens when they are not racing.

Pre-Race Help (arrive by 7 a.m.):

We need help setting up the tracks and chairs. We would greatly appreciate any help we can get.

Post-Race Help (at the end of the event):

We need your help again putting chairs away, taking tracks down, cleaning up, etc.

Good Luck! Do your best and have fun!

If you have any questions contact Kevin Mackintosh @ 316-3600.