

# PACK

# 190

# PINEWOOD DERBY

# 2017

Saturday January 21, 2017



Clinton, NJ - Washington Crossing Council

Please join us for our annual event where all Scouts in our pack have the opportunity to showcase their craftsmanship and sportsmanship. Bring the whole family to cheer on the boys and enjoy the festivities!

**Where:** Immaculate Conception Church – Parish Hall  
(Please enter from outside lower level side doors)

**When:** Saturday January 21, 2017. Opening ceremony begins at 8:10 am.

**Schedule:**

All cars must be inspected and registered 15 minutes prior to your scheduled race time.  
(Registration opens at 7:45 am, feel free to come early and enjoy the races)

Den	Registration/Inspection Deadline	Race Time
Tiger	8:00 am	8:15 am
Wolf	8:30 am	8:45 am
Bear	9:00 am	9:15 am
Webelos	9:45 am	10:00 am
Arrow of Light	10:15 am	10:30 am
Championship (top 3 from each Den)	10:45 am	11:00 am
Siblings and Retirees Race (Unsanctioned)	11:30 am	11:45 am

**Awards:** Awards for top 3 finishers and best-in-class design for each Den class will be presented immediately following each of their respective races. Top 3 overall finisher awards will be presented upon completion of Championship race. All Scouts receive special hand crafted car stands from the Pack.

**Note:** Top finishers from each Den class will have the opportunity to race at the District Derby race in April. (Details to be provided separately)

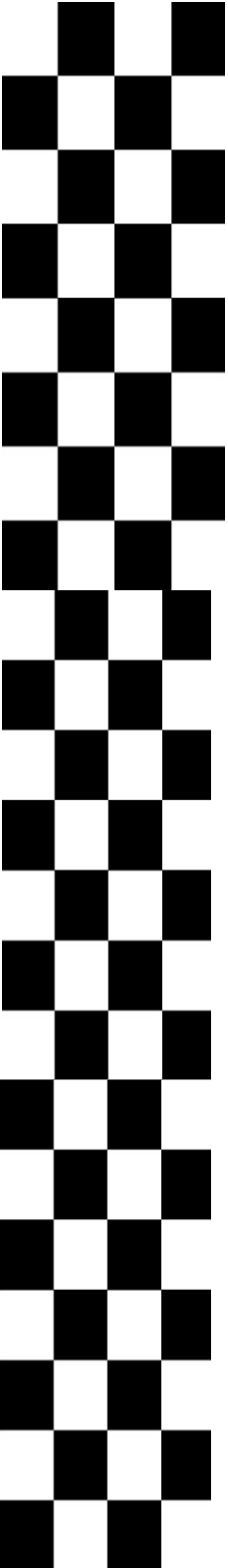
**Food and beverages:** Available for purchase during this event thanks to support from our local Girl Scout Troop.

**Official Rules:** Available on the Pack 190 website: <http://www.pack190hunterdonnj.org/>

**Volunteers:** We need volunteers to help with race day activities (inspectors, car handlers, announcer, pit crew, etc.) as well as track set-up (night before) and breakdown. Please email/text me with any questions, or if you would like to help us out and ensure another successful event!

Jim Zelasny – 2017 Pinewood Derby Chair - jzelasny@faberinc.com, (cell: 973-960-2497)

Please check out the back of this page for some basic specifications and a note to parents.

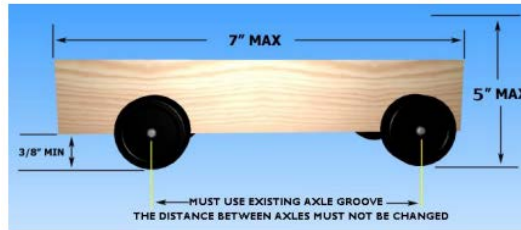
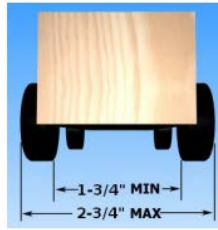


### Note to Parents:

This experience is for the Scouts so they can learn craftsmanship, understand rules of racing and sportsmanship. Parents please let the scouts do as much of the work as possible while making sure they are guided for safety with hand and power tools.

**Here are some of the critical items to remember: (please see website link for complete rule book)**

#### 1. Car Specifications



2. **Construction:** Race cars must be newly constructed from parts in the Official BSA Grand Pix Pinewood Derby Kit distributed by Pack 190 = wooden block with pre-cut axle slots, 4 plastic wheels and 4 metal nails to be used for axles. Special “after-market” wheels, axles, or car bodies not provided in the kits will be eliminated from competition
3. **Wheels & Axles:**
  - a. All cars must roll flat on all four wheels. (cannot rock on flat surface, all must touch)
  - b. Axles must be installed in the pre-cut axle slots – no modifications to wheelbase
  - c. Wheels should be aligned so that the complete surface of the wheel is in contact with the track (not cambered in or out)
  - d. Wheels must not be modified. (no shaving of the wheels (inside or out))
  - e. Official BSA colored (blue, red, orange, yellow) wheels will be acceptable. These must have the “Official BSA” lettering in the mold
  - f. Axles may be polished to remove machining burrs, however aftermarket axles of any kind are prohibited.
  - g. The wheels and axles may be lubricated with powdered white Teflon lube or dry powdered graphite. NO liquid allowed. (graphite available in pit area if needed)
4. **Cosmetic details:** such as steering wheels, drivers, paint, decals, etc. are permitted as long as they do not violate the dimensional specifications. Cars with wet paint will not be permitted to race. Mirrored materials, highly polished metals or other materials designed to project/reflect an image to disrupt the electronic sensors are prohibited
5. **Weight: Maximum Weight – 5.00 Ounces (141.75 grams)**
  - a. Weights may be added to the car and will be considered part of the car for purposes of all measurements.
  - b. All weight must be securely fastened to the car by permanent glue, nails or screws, but not by sticky substances like tape or tack spray. Heavy duty double back tape sold by BSA – Stick-On weights will be allowed.

#### Important Race Procedures:

- Each car must go through inspection by the Pack 190 Pinewood Derby Inspection Team before it may compete. If a car fails to meet the requirements and specifications, the scout will be instructed as to which aspects of his car are in violation and given an opportunity to correct the deficiency. The Pack 190 Inspection and Rules Committee shall have the final say in whether a car is in compliance and is allowed to compete. Some tools and assistance will be in the pit area for use by the scout and their crew chief to make corrections.
- Once you sign in at registration and undergo vehicle inspection, your car will be impounded in the pit area where it will remain for the remainder of the day’s events, or until you are no longer competing
- Cars that advance to the finals will remain in the impound area. Prior to the championship heat, scouts will be given the opportunity to re-apply graphite in the designated area under the supervision of the Pinewood Derby Rules Committee.
- Committee reserves the right to re-inspect cars at any time (including post-race). Any violations found will result in disqualification and possible award revocation.

**Have Fun, Do Your Best & Good Luck!**