

# 2022 MT International Scout Expo & Council Pinewood Derby

## MONTANA COUNCIL PINEWOOD DERBY RULES

### “Open/Master Class”

These will be the ‘only’ rules. Do not use any other rules found anywhere, as they will not apply. It is recommended that these rules be handed out when the racer receives their car. **It is important to understand that your car must meet these basic requirements to be eligible to race in the competition.** Each car must be submitted for a Pinewood Derby Inspection before the appropriate deadline to be eligible to race. The inspection will determine if your car complies with the following regulations and the entrant will be informed before the race if there are any circumstances that would prevent the car from racing. An opportunity to bring the car into compliance will be provided prior to race time.

**The “Open/Master Class” of the Pinewood Derby is open to anyone. Even a cub scout who has entered a car in the cub class can enter a second car in the open/Master class.**

### Specifications:

**It is all adults, leaders, and Packs responsibility to enforce all of these rules.**

### Dimensional Requirements:

- **Weight**-The car weight shall not exceed 5.0 ounces. The official race scale shall be considered final.
- **Length**-The overall length of the car shall not exceed 7 inches.
- **Width**-The overall width of the car shall not exceed 2 ¾ inches.
- **Height**-The overall height of the car, after installing the wheels, shall not exceed 5”
- **Wheel Spacing**-The car must have 1 ¾” clearance between the wheels and no greater than 2” in width.
- **Car Body Clearance**-The car must have 3/8” clearance underneath the body. If the clearance is less than 3/8”, the bottom will drag on the furring strips on the track.

### Construction Rules:

- The wood provided in the kit (Official Grand Prix Pinewood Derby Kits) must be used. The block may be shaped in any way that is desired.
- The wheels supplied with the kit or the colored official BSA wheels must be used. The wheels can be modified as long as you start with the original wheels.
- The car must be freewheeling, with no starting devices.
- No loose material of any kind, such as lead shot, may be used.
- Only dry lubricants such as graphite or powdered Teflon "white lube" will be allowed for lubricating the wheels. Lubricants may not foul the track.

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- Lubrication should be completed prior to checking cars in for inspection. No lubrication will be completed on race day.
- Details such as the steering wheel, driver, decals, painting, and interior detail are permissible if these details do not exceed the maximum length, width, and weight specifications.
- No derby cars built in previous years will be permitted in this years' Pinewood Derby. If a car is determined to have been used in previous year's race it will be disqualified.

Remember have fun and be creative. We say "car", but it does not have to have the shape of a car if you don't want it to!!