

# Pack 400 Pinewood Derby

## *“Open” Class Rules and Specifications*

### The Builder:

*Cars being raced in the “Open” class can be built by a; Cub Scout; relative; or friend of a cub scout.*

### Car Specifications:

*Width = not to exceed 2 3/4”*

*Length = not to exceed 7”*

*Weight = not to exceed 5 oz.*

*Width between wheels = minimum 1 3/4”*

*Bottom clearance between car and track = minimum 3/8”*

### Rules:

*Cars produced from the Official Pinewood Derby Car kit or other after-market kits are permissible for entry.*

*After-market accessories such as model; hood scoop, spoilers, exhaust,...etc will be permitted as add-ons, but must be within acceptable car specification limits.*

*Use of Official Cub Scout Grand Prix Pinewood Derby wheels and axles are permitted, but not required. Similar after -market wheels are permissible.*

*Wheel bearings, washers, and bushings are not permitted.*

*The car must be free wheeling, with no starting devices.*

*The front of the racecar must rest against the starting pin and be powered solely by the effects of gravity.*

*No loose materials of any kind are permitted in or on the car.*

*The car shall not ride on any kind of spring.*

*No lubricating oil may be used on axles or wheels. Only powdered graphite is permissible. Please lubricate your car OUTSIDE of the building.*

*Recycling of cars is permissible, which means you may use a previous years car or modified version of a previous years car!*

### Note:

*Each Car must pass inspection by the official inspection committee before it may compete. if at registration, a car does not pass inspection; the owner and his pit crew will be informed of the reason for failure, and will be given time within the official weigh-in time period to make any adjustments. After final approval, cars will not be re-inspected unless the car is damaged in a race or during handling.*

