

Scout Name: \_\_\_\_\_ Den: \_\_\_\_\_ Car Name: \_\_\_\_\_ Weight: \_\_\_\_\_ oz.

*Each car must pass ALL 10 of the critical inspection points prior to registration for the Pinewood Derby*

1	<input type="checkbox"/>	The Cub Scout is PRESENT.
2	<input type="checkbox"/>	The car is NEW and this year's car. Cars from previous year's races are not permitted to enter or race.
3	<input type="checkbox"/>	CAR BODY - from the original wooden block from the provided kit with wheel grooves, and not a pre-cut car kit.
	a <input type="checkbox"/>	BSA Wheel grooves should be 4 3/8ths inches apart. Wheels may be anywhere as per design of car.
	b <input type="checkbox"/>	Check for loose weights by gently shaking the car while holding the wheels still. No loose or moving parts are allowed on the race vehicle.
4	<input type="checkbox"/>	AXLES - only original nails from BSA kit.
	a <input type="checkbox"/>	Check that they are the original nails from the BSA kit and not solid, width-long axles. The nails should be 1/2 inch long in the grooves.
	b <input type="checkbox"/>	Feel for any greasy or other non-approved liquid lubricant on the axles near the wheels. Only dry graphite, silicon or teflon powder is allowed.
	c <input type="checkbox"/>	The car should not be riding on any springs. Gently check each wheel and axle for firmness.
5	<input type="checkbox"/>	WHEELS - Official BSA wheels only. Made in USA in the inside. Solid type wheels with no holes or spaces of any kind.
	a <input type="checkbox"/>	Each wheel should have "BSA" and "PINWOOD DERBY" on each side. Must use black wheels from provided kit, but can be painted.
	b <input type="checkbox"/>	No modifications in size or shape of the surface of each wheel, 5/16 inches wide and flat and smooth to the touch.
	c <input type="checkbox"/>	Wheel bearings, washers and bushings are prohibited. Look inside wheels to see if open and can see OFFICIAL BSA MADE IN USA.
	d <input type="checkbox"/>	Check for rocking of the car that all 4 tires contact the table surface when laid down.
6	<input type="checkbox"/>	CLEARANCE for wheels to car body is minimum 3/8ths inch, or it will sit on median and not go down the track.
7	<input type="checkbox"/>	WEIGHT - shall not exceed 5.00 ounces when weighed on the official scale. <i>Inspector, please record the weight in top right corner of this form.</i>
8	<input type="checkbox"/>	LENGTH - shall not exceed 7.0 inches, including objects above the edges of the box, as determined by placing in the sizing box.
9	<input type="checkbox"/>	WIDTH - shall not exceed 2.75 inches, including objects above the edges of the box, as determined by placing in the sizing box.
10	<input type="checkbox"/>	HEIGHT - shall not exceed 5 inches in order to fit below the electronic timer at the finish line of the track.

Signatures:

\_\_\_\_\_  
CUB SCOUT - We followed all the rules for a fair race

\_\_\_\_\_  
INSPECTOR - the car is certified ready to enter

Each car will be inspected by a team of TWO OFFICIAL INSPECTORS, only one of whom needs to sign this sheet. If a car does not pass the first inspection, the car may be pulled out so that all infractions may be corrected. After all the corrections have been made, the car may get back in the end of the line for one more inspection. The car must pass inspection and be checked-in during the period before the beginning of the Pack Meeting. Once a car passes inspection, only Leaders and official volunteers may handle the cars for check-in and the races. If a car does not pass inspection in time, it may not race for speed, but may participate in the Most Creative Vote portion of the Derby.