

FOX Nation Official PINEWOOD Derby Rules

1. All cars must be made from FOX NATION PINEWOOD KITS.
2. WIDTH: Overall width shall not exceed **2-¾** inches. Do not narrow width of body in the area around axles, as this maintains wheel spacing.
3. LENGTH: Overall length shall not exceed **7-3/8** inches.
4. HEIGHT: Overall height shall not exceed **2-7/8** inches.
5. WEIGHT: Overall weight shall not exceed **5-½** ounces. No loose or shifting material of any kind is permitted in the car. The car may be hollowed out and built up to the maximum weight by the addition of wood or metal only, provided it is securely built into the body or the chassis. No mercury or other liquid metal may be used. Any and all weights must be securely attached to the car.
6. GROUND CLEARANCE: Minimum ground clearance shall not be less than **3/8** inches from the lowest point of the body to the ground.
7. BODY: The car body may be shaped to any design, provided it does not exceed any of the overall limits. The entire car body may be painted.
8. WHEELS AND STEEL AXLES: Wheels and steel axles may not be altered in any manner. Wheel bearings or bushings are not permitted. Do not place washers or spacers between wheel and body, or between wheel and retainer clip. Axles may be sanded smooth and lubricated with oil, graphite, silicone, or wax.
9. SPRINGING: The car shall not ride on any type of spring. The axles must be rigidly attached to the body.
10. DETAILS: Any details must be attached securely to the car and must not exceed the overall weights and dimensions.
11. ATTACHMENTS: The car must be freewheeling with no starting devices.
12. INSPECTION: Each car must pass inspection by the race committee before it may compete. The inspectors have the right to disqualify those cars that do not meet these specifications. No substitute of any part is permitted. No additional weight can be added or lubrication applied after the car is registered. *Last minute adjustments must be made before registration.*
13. The construction of the track is made so that the cars are kept in lanes by a lane strip. Failure to keep the car within these specs may cause the car to drag on the lane strip or run erratically down the track.
14. If a car is damaged after check in, it may be repaired under the judges' supervision. NO ADDITIONAL lubrication may be added. Any part or parts that come off must remain off except for axles, wheels, or wheel retainer clips.
15. The winning car will be dismantled to check for any illegal bearings, washers, or bushings made of any materials.
16. *THE DECISION OF THE JUDGES IS FINAL.*
17. Remember, this is a FATHER and CHILD project. It must be apparent that you worked on this together. One car per child and the child must be present to run the car.

Good Luck and Have Fun