



2026 Royal Ambassador National Race Rules

1. **Width:** Overall width shall not exceed 2 $\frac{3}{4}$ ".
2. **Length:** Overall length shall not exceed 7 $\frac{3}{8}$ ".
3. **Height:** Height shall not exceed 3 $\frac{1}{4}$ ".
4. **Weight:** The car shall be made of wood and its weight shall not exceed 5 ounces. No loose 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 chassis.
5. Wheel bearings, washers, and bushings are prohibited.
6. **Springing:** The car shall not ride on any type springs.
7. **Details:** Details such as steering wheel, driver, decals, painting, and interior detail are permissible as long as these details do not exceed maximum weight of car. The Royal Ambassador logo or some form of identifying the car as an RA RACE CAR must be visible on the car.
8. **Attachments:** The car must be freewheeling with no starting devices. Other than the wheels, there will be no moving parts on the car such as internal sliding weights, etc.
9. **Axles:** Axles may be cleaned and buffed but not altered. No lubricating oil may be used. Axles may be lubricated with powdered graphite or silicone.
10. **Wheels:** Only $\frac{1}{4}$ inch tapered wheels may be used. The only sanding, grinding, lathing or any other reduction method allowed to wheels and axles is to be done for the sole purpose of removing casting marks or burrs.
11. **Inspection:** Each car must pass inspection by the official inspection committee before it may compete. The inspectors have the right to disqualify those cars that do not meet these specifications. ALL DECISIONS of officials are FINAL.
12. **No part of the car may extend past the starting line. This includes a concave leading edge or a front end raised above the starting post. Any car which fails this requirement will be disqualified. The car may race backwards if legal backwards.**