

Racing Specifications

All cars must be made, as much as possible, by the Royal Ambassador with the help of his parent or counselor.

All RA racers should be newly made. They should not have been run in a previous Congress.

1. Width – Overall width shall not exceed 2¾" (including wheels).
2. Length – Overall length shall not exceed 7".
3. Weight – Weight shall not exceed 5 ounces. No loose materials of any kind are 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.
4. Wheel bearings, washers, and bushings are prohibited.
5. Springing – The car shall not ride on any type springs.
6. Details – Details such as steering wheel, drive, decals, painting, and interior detail are permissible as long as these details do not exceed maximum weight of the car.
7. Attachments – The car must be free-wheeling with no starting devices.
8. 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.
9. Only wheels that come with the kit may be used. Wheels may be sanded or polished to get out rough spots.
10. Axle dimensions may not be altered nor changed on wood block.

Race Procedure

Starting – cars must start by gravity from a standstill, at a starting line on the track or a special ramp, without any help. No pushing will be allowed.

Finish – The car whose nose is first over the finish line is the winner.

If either car leaves the track on the first run, there is no contest; the race is to be re-run. If the same car leaves on the second run, the contestant automatically loses.