



CAR INSPECTION CHECKLIST

School/Team _____

Driver Name _____

Car No. _____

Car Classification (*Circle one*)

Standard

Solar/Experimental

Open

Vehicle Inspection

- Vehicle number properly displayed & visible (min 6" high)
- Structure or bodyshell protects driver from harm
- Bottom pan protects driver from contact with track
- No exposed sharp edges or components
- Axle diameter is ½" or 12mm (unless supported on both ends)
- Safety wire or cotter pins on all cantilevered axle nuts
- Frame and shell adequately protect driver
- No loose fittings or fasteners
- All tires are pneumatic (inflated)
- Tire tread is in acceptable condition
- Roll bar or bulkhead can support driver's weight
- Roll bar or bulkhead is braced forward or rearward
- Power kill switch outside the vehicle in a 4th red triangle
- Correct size fuse or circuit breaker between battery & motor
- Wiring is safely installed (terminals tight, insulation good, etc.)
- Auto shut-off throttle
- Batteries are securely mounted to the frame and/or body
- Batteries are enclosed or covered

Driver Inspection

Driver weight _____ lbs.

Ballast weight _____ lbs.

Total weight _____ lbs.

- Long-sleeved shirt, long pants, and shoes
- Helmet (DOT approved motorcycle style)
- Gloves (not required with full canopy)
- Eye protection (safety glasses or goggles)

Vehicle Inspection with Driver Inside

- Guards (*if necessary to protect driver from moving parts*)
- Ballast (*if required*) is mounted securely
- Good visibility and field of vision
- Rearview mirrors are 8 square inches
- Top of roll bar/bulkhead is above driver's helmet
- Inside kill switch is driver accessible
- Brake stop test (*car should not roll when pushed*)
- Vehicle stability test
- Steering inspection (*appears tight & stable at speed, will turn 25° radius*)
- 5-point (*minimum*) lap and shoulder belt hold driver securely in position
- Vehicle exit test in 20 sec. (*includes canopy and seat belts*)

Note to Inspector

If any information is missing or boxes unchecked on this checklist, it will not be accepted by the registrar and sent back to you for completion.

Inspection complete and ready to race!

Inspector's Initials _____