



## SAFETY RULES

- 1. All drivers must wear a Snell SA2005 or newer approved safety helmet.** All IMCA Classes must adhere to the helmet safety rules set forth by the sanctioning body. All helmets must have a Snell sticker clearly visible inside the helmet. A safety check of seat belts, shoulder harnesses, helmets, and height of driver's head in relation to height of roll cage will be performed with drivers strapped in the race car. In all cases, the top of the helmet must remain two (2) "below the top of the roll cage.
- 2. Seat belt and double over the shoulder harnesses (with one quick release for all belts) are required in all classes. Seats belts must be securely fastened to the frame. No homemade harnesses are allowed. Belts must be installed in a manner that will keep the driver from sliding from side to side under the belt. Five point, submarine type belts are strongly recommended in all classes. 16" x 20" window nets required.**
- 3. All glass and chrome must be removed. No mirrors or reflective devices.**
- 4. All competing cars must have a roll cage. Roll cages must have at least one cross bar in the rear. A brace on each side of the cage is required from the rear of the frame to the top of the roll bars. Roll bars must have gussets in all corners. The minimum size material for a roll cage is 1 1/2 " O.D. tubing and 1 5/8 " O. D. black pipe. Minimum wall thickness is .095.**
- 5. All cars must have at least three wheel brakes in good working order.**
- 6. Doors must be bolted or welded shut.**
- 7. All cars must have a solid top completely covering the roll cage. Hinged escape hatches may be used, but must be made of same material as the roof.**
- 8. A complete Nomex fire suit (pants and top or one piece) is required for all classes. Fire retardant neck brace, gloves, and shoes are required!!**
- 9. Cars will not be allowed on the track unless an ambulance or approved EMT vehicle is present.**
- 10. A working fire extinguisher with a quick release bracket within easy reach of the driver is recommended in all classes. No duct tape or hose clamps may be used to secure fire extinguishers.**
- 11. Radiator fans must have shrouds made of at least 16 gauge steel in all classes. Aluminum shrouds are allowed. Other types of shrouds must be approved by the technical official. No car will be allowed to compete without a hood unless equipped with a shroud.**
- 12. Factory racing fuel cells only in all classes. All Fuel Cells must be in Steel Containers.**
- 13. All cars must have a safe firewall between the driver and the engine. Firewalls must be constructed so that, in case of a fire, flames can't enter the driver's compartment from around, under, or over the firewall. Hoods must be flush with firewall to prevent fire from entering the driver's compartment.**

14. Fuel cell must be located a safe distance from the driver in the trunk compartment with a firewall between the driver and the cell. Firewalls must be constructed so, that in case of a fire, flames cannot enter the driver's compartment from around, under, or over the firewall. Cells must be securely mounted with two (2) one (1) "steel straps completely around the fuel cell.
15. Any driver caught by speedway officials participating in a race event without a helmet properly strapped on and/or safety belts securely fastened will be disqualified for that event.
16. A steel top loop on accelerator pedals is strongly recommended.
17. One way safety valves in fuel vent lines are strongly recommended.
18. Nerf bars and bumpers cannot have any open or sharp edges, corners, or ends. No car will be allowed to compete without a rear bumper.
19. No electric pumps or motors are allowed in the trunk compartment. No electrical connectors in the trunk.
20. All seats will be inspected for mounting and installation. Aluminum seats only will be allowed and must be securely mounted. It is recommended that a minimum of six 3/8 "bolts with a steel flat washer no less than 1 1/2 "in diameter be used and be installed between the head of the bolt and the seat. All 6 bolts should be attached to an approved frame with a minimum of 4 bolts in the seat and a minimum of 2 bolts in the back.
21. All cars must be safety inspected by the technical official.
22. Standard transmission cars must use explosion proof steel bell housing.
23. Solid disc clutch hub with blow proof lining or pads recommended.
24. Bottom drivers' door bar must have at least 2 down bars attached to frame.
25. Steering wheel quick disconnect is strongly recommended in all classes.
26. Any add on weight must be bolted to frame or roll cage with the minimum of two 1/2 "bolts and be painted white with your number on it. Any car losing add-on weight during a race will be disqualified from that race.
27. Battery must be in a marine type case with at least one 2 "steel strap 1/8 "thick, 270 degrees over the case.
28. Fuel lines running through driver's compartment must be run through metal pipe or metal conduit, flexible conduit okay.
29. Automatic transmission must be approved scatter shield or blanket. Scatter shield may be constructed of 1/4 "X 3 "steel 270 degrees around flex plate. Shield may be welded and bolted to floorboard inside car.
30. Transmission cooler must be located under hood or in trunk of car. Any cooler lines running through driver's compartment must be run through metal pipe or conduit.
31. Driveshaft must be painted white and looped in the front in all classes.
32. Steel door plates, .18 gauge or .049 "minimum thickness metal, must be securely welded to outside of door bars on driver's side. Plate must cover area from top door bar to rocker panel and from rear hoop down post to five (5) "in front of seat. Must be visible for inspection. If a passenger is riding in a Twister race car, a door plate must also be installed on the passenger side.