



LATE MODEL - 2020

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Revisions/clarifications underlined, *recommendations italicized*.
Refer to www.imca.com for General Rules.

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or official.

The race director shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in his opinion do not alter the minimum acceptable requirements. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS. Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final.

- 1. SAFETY EQUIPMENT:** Rules apply at all times car is on track. Snell-rated SA2010 or SA2015 helmet required. Roll bar padding required in driver compartment. *Recommended: Fire retardant padding*. SFI-approved full fire suit required. Fire retardant gloves, shoes and neck brace (or head and neck restraint) required. Right and left seat head supports required if using head and neck restraint system. *Recommended: Fire retardant head sock and underwear, collapsible steering shaft*. Driver-side window net required, minimum 16 inch by 20 inch ribbon or mesh style, and must be mounted to roll cage so latch is at top front of window. Maximum four inch tall visor attached to window net. Minimum two inch wide SFI-approved five point safety belt assembly required, must be mounted securely to main roll cage. *Recommended: Safety belts no more than two years old*. Kill switch required within easy reach of driver and must be clearly marked 'OFF' and 'ON'.
- 2. FRAME:** Must be constructed of two inch by two inch square steel tubing, or minimum 1.75 inch round tubing - with minimum 0.083 wall thickness. Minimum wheelbase of 103 inches, maximum 105 inches, both sides.
- 3. ROLL CAGE:** Main roll cage must be at least 1.5 inch O.D. tubing with minimum wall thickness of 0.083 inches. Driver's head must not protrude outside cage with helmet on.
- 4. DOOR BARS:** Minimum three driver door bars must be at least 1.5 inch O.D. tubing with minimum wall thickness of 0.083 inches. Steel door plate, 18 gauge or 0.049 inch minimum thickness, must be securely welded or bolted to driver side door bars. Minimum 16"x26".
- 5. BODY** (see body diagram for specific dimensions): No composite, carbon fiber or plastic body panels allowed except roof rock guard and hood scoop. No fins or lips anywhere along length of car. Maximum body width at bottom of doors is 82 inches. Minimum ground clearance is three inches. Must have IMCA approved stock-appearing nose piece (molded type material) mounted in unaltered approved manner. Headlight decal package required. No part of body can be wider than 90 inches. Roof must be stock appearing, mounted directly to the roll cage with no more than 1/2 inch spacer, mounted level, parallel to body, centered on car and rounded down in all directions. Roof and hood may be aluminum or fiberglass. Maximum 1.5 inch rolled down rock guard allowed on roof front. Roof supports and window side panels must extend to edge of body. Window side panels must resemble all aspects of drawing - must have opera window and be same on both sides. Rear spoiler may be maximum eight inches in material height (including hinge) and maximum 72.5 inches wide. Spoiler may have rear stiffener, must be one inch or more down from top. Maximum of three spoiler braces allowed, must be mounted in line, and must resemble all aspects of drawing. Right side inner panel permitted. No complete car covers, rear tail cover allowed in personal pit area only. No rear filler panel required. Car number must be minimum four inches thick and 20 inches tall and clearly visible, on both sides, top and back of car, and front, if possible.
- 6. DRIVER COMPARTMENT:** Minimum three windshield bars in front of driver. Lexan or aluminum cowl panel in front of driver allowed, but can be no wider than cockpit and no farther back than steering wheel. Driver must be sealed off from track, driveline, engine, fuel cell, suspension components, battery, coolers, pumps, fuel and oil lines. Aluminum high back seats only, must be bolted in with 0.375 inch bolts. No mirrors. No driver-adjustable devices allowed while car is in competition except brake adjuster and right front brake shut-off.
- 7. FRONT SUSPENSION:** Must be of A-frame or strut configuration. Drop chain and bump stops allowed. No air bumps or spring stops allowed.
- 8. STEERING:** Rack and pinion steering allowed. Quick-release steering wheel required.
- 9. SHOCKS:** Approved conventional closed end shock absorbers only. Must be constructed of aluminum or steel. Coil over covers allowed, must be easily removed for inspection. Remote-reservoir shocks allowed. No air, air dumps, inverter, crossover, cross connected, electronic, or three or four-way adjustable shocks. One shock per wheel, plus may have one traction shock on left rear and one shock on lift bar.
- 10. SPRINGS:** One steel coil spring per wheel only. Exceptions are: left front "take up" spring allowed and one additional spring allowed on pull bar. All coil springs must be maximum 16 inch (or less) free height with 0.5 inch tolerance. Progressive springs are allowed. No torsion bars, air bags, air springs or inner liners. Spring rubbers allowed. Leaf springs may be composite or steel.
- 11. REAR SUSPENSION:** No independent rear suspension. Only one mechanical traction device is permitted, pull bar or lift arm. One bird cage attached with two solid radius rods to chassis per side. Birdcage brackets and attachments must be welded or bolted solid to birdcage except pivoting shock bolt. Chassis mounts must be solidly welded or bolted to frame.
- 12. REAR END:** Quick changes allowed. Standard weight aluminum or steel axle tubes only. No open tube or cambered rear ends. Rear end coolers allowed.
- 13. BUMPERS:** Must be either capped, or bent forward at ends, no sharp edges. All cars must be equipped with tow hook or similar device front and rear.
- 14. TIRES/WHEELS:** Hoosier 88, 90, 92, WRS 2-D55 Hoosier tire only. No softening, conditioning, or grooving (Refer to www.imca.com for automatic penalties). Grinding allowed on tire tread only. No tire siping allowed after June 1, 2020. Maximum 14 inch wide, aluminum or steel wheels and lug nuts only. Bead locks allowed on all four corners. External bead lock only, cannot make wheel any wider than 14.75 inches. Foam type or securely bolted plastic or aluminum mud plugs allowed on any wheel.
- 15. BRAKES:** Must be operative and lock up all four wheels during any inspection. Steel brake rotors only. Brake shut-off allowed on right front only (electric or mechanical).
- 16. EXHAUST:** Round tube headers only. All primary header tubes must enter directly into one collector, at same point, at end of header. No merge collectors.
- 17. FUEL SYSTEM:** Any Holley type four barrel carburetor only with Holley type OEM or OEM replacement booster, float bowls and main body. Main body, metering blocks and base plate may be billet aluminum. No ICT type or aerosol type boosters allowed. No air dams or devices allowed to increase air flow to carburetor outside of air cleaner. Maximum two inch tall spacer between carburetor and air cleaner base. No cold air boxes, air cleaner duct work, or fuel cooling devices. No electric fuel pumps. Racing fuel cell required, maximum 32 gallon capacity, must be in minimum 20 gauge steel container. Must mount with minimum one inch square tubing or two solid steel straps around entire cell, two inches wide and 0.125 inch thick. Cell must be mounted between frame rails, behind rearend, bottom of cell can be no lower than center section. Fuel cell vents, including cap vent, must have check valves, and *bladders are highly recommended*. If fuel cell does not have aircraft style positive seal filler neck/cap system - a flapper, spring or ball type filler rollover valve is required. Fuel cell guard must come to bottom of fuel cell and be minimum 1.5 inch O.D. tubing. *Fuel shut-off recommended*.
- 18. FUEL:** Racing fuel allowed. No alcohol allowed. No performance enhancing additives or pressurized fuel systems. Fuel must pass both dielectric meter and chemical tests for additives. Fuel sample may be taken from any car at any time (Refer to www.imca.com for automatic penalties). **Spec engines** - Gasoline only, no E85 allowed. **Crate engines** - Gasoline or E85 allowed.
- 19. WEIGHT:** All cars must weigh minimum 2,300 pounds after race with driver. Ballast must be painted white with car number on them. Must be securely fastened to frame or roll cage with minimum two 0.5 inch steel bolts, inside body panels, not on rear bumper. No ballast and/or loose objects in driver's compartment. Only carbon fiber components allowed are rock guard, hood scoop and driveshaft.

