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. Left and right seat head supports required if using head and neck restraint system. **Recommended**: Fire retardant head sock and undergarment, 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 three inch (two inch with head restraint system) 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.

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 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 900 inches. Roof must be stock appearing, mounted level, parallel to body, centered on car and rounded down in all directions. Underbody rock guards 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.

6. **DRIVER COMPARTMENT**: Minimum three windshield bars in front of driver. Lexan or aluminum cowl panel in front of driver allowed, but objects in driver’s compartment. Only carbon fiber components allowed are rock guard, hood scoop and driveshaft.

7. **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 shock absorbers allowed. No air, inerter, crossover, cross connected, electronic, or three or four-way adjustable shocks. One shock per wheel, plus may have one traction (dummy) shock on left rear and one shock on lift bar.


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 shock absorbers allowed. No air, inerter, crossover, cross connected, electronic, or three or four-way adjustable shocks. One shock per wheel, plus may have one traction (dummy) shock on left rear and one shock on lift bar.

10. **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.

11. **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 and straight siping allowed on tire tread only. Maximum 14 inch wide, aluminum or steel wheels and lug nuts only. Bead locks allowed on right side only. External bead lock only, cannot mount wheel any wider than 14.75 inches. Foam type or securely bolted plastic or aluminum mud plugs allowed on any wheel.

12. **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).

13. **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.

14. **FUEL SYSTEM**: Any Holley four barrel carburetor, all external components (float bowls and main body) must be Holley manufactured. Metering blocks and base plate may be billet aluminum non-Holley. No aerosol-style carburetors 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 density 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. **Recommended**: Fire retardant head sock and undergarment, 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 three inch (two inch with head restraint system) 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’.

15. **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.

16. **DRIVER COMPARTMENT**: Minimum three windshield bars in front of driver. Lexan or aluminum cowl panel in front of driver allowed, but objects in driver’s compartment. Only carbon fiber components allowed are rock guard, hood scoop and driveshaft.

17. **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 shock absorbers allowed. No air, inerter, crossover, cross connected, electronic, or three or four-way adjustable shocks. One shock per wheel, plus may have one traction (dummy) shock on left rear and one shock on lift bar.


19. **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 shock absorbers allowed. No air, inerter, crossover, cross connected, electronic, or three or four-way adjustable shocks. One shock per wheel, plus may have one traction (dummy) shock on left rear and one shock on lift bar.

20. **BATTERY/STARTER**: Battery must be securely mounted to chassis, protected by tubing, and positive terminal must be covered. Starter must be
21. GAUGES/ELECTRONICS: No unapproved cameras, transmitting or listening devices (exception is one-way Race Receiver radio by officials), timing retard controls, or digital gauges (Exception is digital tach). No electronic monitoring computer devices capable of storing or transmitting information except memory recall tach. All spec engines MUST use maximum 8,000 rpm rev limiter. All crate engines MUST use maximum 6,800 rpm rev limiter. This may be accomplished using one, non-adjustable, unaltered ignition box with one high-end rev-limiter chip or an internal setting inside box. $1,000 fine for altered rev-limiter components. No electronic advance curve ignitions allowed. No additional ignition accessories allowed. All components must be out of reach of driver, but accessible for inspection with rev limiter facing upward. No crank triggers.

22. TRANSMISSION/DRIVESHAFT: Must have at least two gears forward and one gear reverse, plus a neutral position. Must be able to put in and out of gear with car sitting still and engine running. No overdrive transmissions. All transmissions must bolt directly to back of bellhousing that bolts directly to engine block. Must use steel, aluminum or carbon fiber driveshaft and be painted white. 360-degree drive shaft loop required, minimum 0.25 inch by two inch steel strap, or one inch tubing, mounted six inches back from front U-joint.

23. ENGINE LOCATION: Measured from centerline of upper ball joints to center of number one spark plug hole. Maximum setback is eight inches.

24. (A) IMCA SPEC ENGINE: At all weekly sanctioned point events, spec engines must run unaltered one inch carburetor spacer - The Governor carburetor spacer #100-129000 with (4) 0.050-inch restrictors #100-129095. Maximum 0.100-inch thickness gaskets only, one on top and one on bottom of spacer. Steel blocks only. Maximum 361 c.i. (GM), 362 c.i. (Ford) 363 c.i. (Chrysler). Minimum four-inch bore. Minimum stroke: GM - 3.48 inch, Ford - 3.40 inch, Chrysler - 3.313 inch. Maximum compression - 10.5 to 1, checked at any time with Whistler. No tolerance. Brodix/IMCA spec cylinder heads only. No grinding, polishing or altering of any kind. No use of any substance that may change or alter shape or size of ports, runners or combustion chambers. Only alteration allowed to heads are for push rod clearance and to install shaft rocker system. Maximum valve sizes are 2.08 inch and 1.60 exhaust. Valve seats and guides to remain as manufactured and in as-cast positions. Minimum combustion chamber size to be 62 cc volume. Valve angle to remain as manufactured. Approved cylinder heads as follows: General Motors (i.e. small block Chevrolet) - Brodix # 46 221, Ford Motor Company (i.e. small block Windsor) Brodix #46 223, Chrysler Corporation - Mopar - Brodix #46 222. No modification to intake manifolds, must be used as produced by manufacturer. List of approved intakes as follows: General Motors - Brodix #HV100946, Ford Motor Company - Edelbrock #2981 or 2980 (351) or #2921 (302), Chrysler Corporation - Edelbrock #2915. Camshafts may be of roller, flat tappet or mushroom design. Crankshafts and connecting rods must be steel. One inch inspection hole required in pan - no obstructions to crank and rods. If obstructions are present, must remove pan for inspection. Flat top pistons only.

(B) CRATE ENGINE: If carburetor spacer is used on crate, must use Speedway Motors part #545-64940 or Moroso part #64940 carburetor spacer. Maximum 0.100-inch thickness gaskets only, one on top and one on bottom of spacer. Must use unaltered sealed GM #88869604, #88958604 or #19318604 crate engine with additional IMCA Cable-Lok system – exception is new track sanctions with an existing Late Model division. Upon inspection, any different, altered or missing GM seal bolts or IMCA Cable-Loks will result in IMCA penalty (see www.imca.com, Automatic Penalties and approved ignition systems and rev-limiters.)

25. ENGINE PROTEST PROCEDURES: Refer to www.imca.com for protest requirements.


27. EIRI: (Except in rare instances) Decisions of IMCA Official(s) are final and binding without exception. In some cases, track safety rules may take precedence over IMCA rules - any discrepancy between IMCA and track rules should be brought to the attention of IMCA. Any rule changes or clarifications during the course of the year will be amended on www.imca.com, as well as published in Inside IMCA, the official newsletter of IMCA, and will be considered as an official part of these rules.

For rule information, call Late Model Competition Director Randy Anderson at 309-269-6694, Dave Brenn at 785-307-8482 or IMCA at 319-472-2201.

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**IMCA Late Model Body Dimensions For 2019**

All body measurements are Max. unless otherwise specified. Dimensions have zero tolerance.