

# Mid Missouri Modified Midget Racing Association CARB Class Rules --2026--



## GENERAL:

- a.) Carbureted 600cc stock engine (Rule #17)
- b.) No cockpit adjustments. Any adjustment reachable by driver MUST be disabled, except for carbs.
- c.) ANY Tire manufacturer allowed. Tire Prep/Dope is NOT allowed (Rule #10)
- d.) Weight 750# Car & Driver after the race
- e.) Fuel Bladders NOT Required, but STRONGLY RECOMMENDED!
- f.) No Titanium parts allowed
- g.) No Left Front Brake

**1. Roll cage.** Roll cages shall be at least 1 inch diameter x .062" wall thickness. .065" wall thickness allowed on tubing 1 1/8 inch diameter or larger. Roll cage shall be made of chromoly steel or equivalent material. The front section of the cage shall be no further back than the steering wheel. Roll cage shall have sufficient fore and aft bracing and strength to support the weight of the car & driver in case of an upset. Cage shall have gussets at the intersecting bars to the uprights. Bends must have at least 3 inch radius. No square or pointed corners allowed. Roll cage must be a minimum of 3" above the drivers helmet. It is mandatory to install a cross brace behind the seat to support the shoulder harness.

**2. Bumpers And Nerfs.** Car must have bumpers extending beyond the front and rear tires. Nothing may extend beyond a tangent line from the outside edge of the tires to the bumpers. Nothing may extend beyond the outside edge of the tires or wheels, whichever is the widest. No sharp corners or design as to hook or damage. All cars must be equipped with nerfing bars. Nerfing bars must extend to inside edge of tires, but not more than 1 inch beyond the outside of the rear tires.

**3. Safety.** Seat belts must be securely attached to the car and used at all times. Metal to metal latches only. 5 point seat belts, shoulder harness and sub strap are required. Belt dates must not be over three years old. (Example: Oct 21 may be used in 2022, 2023 and 2024.) Arm restraints are mandatory and must be adequately adjusted to keep the drivers hands below the top of the roll cage. Helmets must be full head coverage competition type with one of the three latest SNELL approvals (2010, 2015, 2020) or FIA 8860 or SFI 24.1 for Youth Helmets. Nomex head socks recommended. All drivers will wear a name brand flame- retardant uniform. Neck braces and/or cage nets with a SFI 3.2-1 rating or higher or Total Head containment seats are mandatory. SFI gloves are mandatory for safety. Flame retardant undergarments (long underwear, long sleeve shirt, socks and head sock) and shoes are strongly recommended.

**4. Electrics and Electronics.** On and off switches must be on dash, top of the cowl or on steering wheel. On/off switch must be connected and functional. No radio communication is allowed with the car or the driver.

**5. Battery.** All wet cell batteries mounted in the cockpit must be covered and vented outside the cockpit area.

**6. Fuel.** "Stock" Class cars may run gasoline, ethanol or methanol. No performance enhancing additives are allowed!

## 7. Suspension

**Tread:** Maximum 65 inches outside to outside of rear tires. Minimum 32 inches, center to center of tires. **Wheelbase;** Maximum 70 inches. Minimum 50 inches, center of front axle to center of rear axle.  
**Steering;** Front wheels must be connected by a solid or tubular tie rod. Rear wheel drive only.  
All suspension bolts except wheel nuts must be secured by some type of locking device.

**8. Shocks.** Aluminum or steel bodied shocks allowed. No Cockpit or Cable Adjustable Shocks allowed.

**9. Brakes.** Brakes will be of sufficient strength so as to slide the wheels while the car is in motion at any given time.  
NO LEFT FRONT BRAKE ALLOWED.

**10. Tires And Wheels.** ANY Tire manufacturer with approved tire. Any wheel size and tire size combination may be used, but tires may not exceed 22 1/2 inches in height. Wheels must be held on with 3 or more standard lug nuts or knock-off hubs. Approved Right Rear tires are: Hoosier "ASCS2" stamped and American Racer-70.0/13.0-10BT SPEC. Right Rear Tire must durometer 45 or harder no later than five minutes after the checkered flag. Tires may be grooved and siped. (**Tire prep/dope is NOT allowed.**)

**11. Bodies.** All cars must have complete bodies. Tail sections must be in place for time trials and all races. There must be a metal firewall between driver and engine, made of 24-gauge steel or .0625" aluminum. Body of car must be made of aluminum, metal, fiberglass or high impact plastic. All cars must be painted in an attractive color or colors. No rear view mirrors. The only part of the car allowed to be dismantled for driver to enter, or exit, is a quick release steering wheel hub. No mechanical, electrical or hydraulic adjustments will be allowed in the cockpit area on multi-cylinder cars. If you choose to have an inside pan hard adjuster, it must be bolted to where it cannot be moved during a race by the driver.

**12. Transmission.** Any car equipped with a shifting mechanism must have this device mounted in the driver's compartment. Shift levers may be mounted outside the driver's compartment on opposite side of car from the chain drive. Chain guards will be made of .090 inch thick aluminum or equivalent and will run on top of chain from the front of the front sprocket to the center of the rear axle. Driver must not be able to touch the chain or sprockets while sitting in the cockpit.

**13. Wings.** This is a NON-WING Class

**14. Numbers.** All cars must have legible numbers on both sides of car and the nose. Minimum height of numbers is 8" on the nose or nose wing, 10" on each side of the tail and 12" on the wing. NON WING cars to have the Car Number, 6" tall, at the top of the Right Side A Panel, easily visible in a CONTRASTING color. This number needs to be visible to the Score Tower to aid in lineups & scoring. A "Go Kart" style number plate zip tied to the roll cage is acceptable.

**15. License.** No license is required to enter a night's event (Minimum age requirements must be met, Rule #1).

**16. Ballast.** Any material used for ballast must be firmly attached as a part of the car's structure. No loose ballast allowed (including fuel).

**17. Engine Rules.** 4 cycle single cylinder engines larger than 250cc but not exceeding 600cc. NO modifications are allowed. Stock engines as the motor was run on the motorcycle with the charging unit. Any valve job will be allowed as long as the valves and seats remain OEM and are not oversized VALVE JOB LIMITED TO THE SEAT ONLY AND NOT EXTEND INTO THE BOWL AREA. Stock cylinder &/or head height. No decking of the cases, per your engine motor specs. No engine work (no ported heads, no polishing allowed, (exception such as the Kawasaki 2008 or newer which came from the factory polished) no lightened cranks, no cam degreasing, no lightened pistons, you are allowed .010 head clean up) Stock pistons only. Any air cleaner will be allowed. Any exhaust will be allowed. Crank case ventilation to atmospheric pressure only allowed. Rods, pistons, cams etc. must be stock parts as used on the engine the way it came from the factory. Stock 600cc OEM carburetors allowed from any make or model. No flat slide carbs. Carbs may be converted to run on methanol. Any stock appearing black box with "out" external adjustments must be same engine make. Cam gears that are re-drilled, slotted or altered are illegal. NO advance timing allowed. Internal charging systems components must remain in the motor and be operational. Engines must be completely stock as it came off the bike with pan modification, oil pick up modification, any air box, & aftermarket washable replacement air filter. Any sprocket (520 or 530) will be allowed. Only stock or aftermarket fiber clutch disk and springs will be allowed. All metal disk and clutch basket must remain stock. Engine must be a 600cc.

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