



## 4 Cylinder Rules for 2018

Updated: 04/10/2018

AMENDMENTS TO THESE RULES MAY BE MADE AT ANY TIME IF CERTAIN TYPES OF CARS ARE DOMINATING. ANY INTERPRETATION OR DEVIATION OF THESE RULES IS LEFT TO THE DISCRETION OF THE RACE OFFICIALS. THEIR DECISION IS FINAL.

Must be at least 14 years old.

### SAFETY EQUIPMENT

**SNELL-RATED SA2005, SA2010, OR SA2015 HELMET REQUIRED. SFI-APPROVED FULL FIRE SUIT REQUIRED. FIRE RETARDANT GLOVES, SHOES AND NECK BRACE (OR HEAD AND NECK RESTRAINT) REQUIRED ANYTIME CAR IS ON THE RACING SURFACE. IF YOU DO NOT HAVE REQUIRED EQUIPMENT, YOU WILL NOT BE ALLOWED TO COMPETE.** Roll bar padding required in driver compartment (fire retardant recommended). Right and left seat head supports required if using head restraint system with no neck collar. 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. Minimum three inch (two-inch with head restraint system) wide SFI-approved five point safety belt assembly required, must be mounted securely to roll cage, *recommended to be no more than two years old*. Kill switch required within easy reach of driver and must be clearly marked 'OFF' and 'ON'.

### BODY/CHASSIS

- Any **front wheel drive** 4 cylinder car
- Must remove all glass, molding, plastics & chrome trim.
- All bodies are to be installed in a neat manner. No sharp or jagged edges.

### ROLL CAGE

- Six-point, full perimeter roll cage required. Must use minimum 1.5 inch O.D. with 0.095inch wall thickness tubing. If utilizing a unitized body roll cage must be welded to plates on top of frame. (minimum 0.250 inch recommended) No iron, galvanized pipe or fittings, square tubing, brazing or soldering allowed.

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#### **DOOR BARS**

- Minimum three horizontal door bars on driver side and two horizontal door bars on passenger side. Both sides must have vertical bracing from top to bottom door bars. All tubing must be minimum 1.5 inch O.D. with 0.095 inch wall thickness. Steel door plates, 18 gauge or 0.049 inch minimum thickness, must be securely welded to outside of door bars on driver side. Plate must cover area from top door bar to frame and from rear down post to five inches in front of seat. Must be visible for inspection.

#### **DRIVER COMPARTMENT**

- Minimum 3 windshield bars and protective screen mounted in front of driver. Aluminum high-back racing seat required. Must be securely mounted to roll cage using 0.375 inch bolts. Driver must be sealed off from track, engine, transmission and fuel cell/tank. No mirrors. No gutting allowed except for roll/door bar clearance. All flammable material, radio and air bags must be removed. Front and rear firewalls must remain and have no holes.

#### **BATTERY/STARTER**

- One 12 volt battery only. Must be securely mounted with positive terminal covered. Battery must be in Marine type case if mounted in driver compartment. Car must leave initial staging area on demand, unaided, or go to rear of that race.

#### **FUEL SYSTEM**

- Gas tank ahead of rear axle allowed but must install shield under it. Gas tank behind rear axle must be replaced with a fuel cell and relocated to trunk area. Must mount with minimum two solid steel straps around entire cell, two inches wide and 0.125 inch thick. Metal firewall or cell cover must be between driver and cell. Fuel cell vent, including cap vent, must have check valve. If racing fuel cell does not have aircraft style positive seal filler neck/cap system - a flapper, spring or ball type filler rollover valve is required. External electric fuel pump wired to the ignition switch allowed with aftermarket fuel cell.



#### **TIRES**

- ONLY DOT tires shall be used. No mud or snow tires.

#### **ENGINE**

- 3 or 4 cylinder engines only. No turbo charged or super charged engines. No nitrous oxide.