

Jr. Mini Rules 2010

1 Body

- A. Two or four door sedan body with steel top, Station wagons ok. Production wheelbase limited to 102". No front wheel drive.
- B. Cars must have complete frame and floor board; trunk may be cut out for fuel cell mounting only.
- C. Cars must have complete firewall separating driver from engine and also from trunk area.
- D. All glass chrome and trim must be removed.
- E. All flammable materials must be removed.
- F. Fenders may be cut for tire clearance but must maintain a stock configuration.
- G. All cars must have a minimum of (2) hood pins or bolts to keep hood closed.
- H. Back of hood must be completely sealed off and stay that way with car in motion.
- I. No angle or channel iron outside of car.
- J. Plastic nose and tail pieces allowed. Sheet metal or plastic skirting allowed.
- K. Body must remain steel.
- L. Should be painted and lettered in good taste.

2 Roll cage

- A. All cars must have a minimum six (6) point roll cage. All cages should be at least 1-1/4 OD x .095 wall steel tubing. 1-1/2 recommended. No welded corners. Cage around driver must have padding.
- B. Drivers head should be at least 2" below top of cage.
- C. All cars must have at least three (3) door bars on driver's side. Two (2) on passenger side. Must be a minimum 1-1/4 x .095 wall steel tubing, tied at front and rear of cage.
- D. Bracing inside of car is ok except under the fenders.
- E. Seat must mount to roll cage at bottom and back of seat. Must be on left side of car.
- F. No tube frame cars allowed.
- G. Minimum Three (3) window bars in front of driver.

3 Bumpers

- A. Front bumpers must be centered on frame rails and in original location.
- B. Front bumpers may be square or round tubing not to exceed 2" OD, no more than 8" in height top to bottom.
- C. Front bumpers must not extend 2" in front of any body part and be no wider than the center of the tires, ends must be rounded.
- D. May have two (2) radiator protection bars in front of radiator and behind bumper within confines of body.
- E. Rear bumper may wrap around rear quarter panel and must tie into frame behind rear tire.
- F. Rear bumper may be 2" OD or smaller pipe or tubing.

- G. Stock bumpers allowed.
- H. No sharp edges allowed.

4 Nerf Bars

- A. Nerf bars must be flush with body.
- B. Nerf bars must be no larger than 1-1/4 tubing.
- C. Nerf bars are only allowed between front and rear tires and must be capped on ends with no sharp edges.

5 Engine

- A. In line four (4) cylinder (carburetor type only) with a maximum displacement of 2399cc.
- B. Engine must be in stock location.
- C. No rotary engines or turbos.
- D. No dual overhead cams.
- E. Engine must use stock block and head, steel valves only.
- F. Must use stock intake. May be machined to receive carburetor only.
- G. Milling of head is allowed.
- H. NO PORTING, POLISHING OR PORT MATCHING ALLOWED.
- I. Straight boring allowed for larger valves, Cannot go past short radius, Bores cannot be polished.
- J. Carburetor must be un-altered Holley #4412 or 5200 series with a stock venturi bore, stock throttle body and stock booster location. May run stock O.E.M. carburetor not to exceed 500cfm. No Weber or Mikuni carburetors.
- K. Battery type ignition only. No magnetos, dual points or crank trigger allowed.
- L. Any solid surface cam, valve springs, rockers and lifters allowed. NO ROLLER CAMS ALLOWED. Adjustable cam gears (pulleys) allowed.
- L. Stock exhaust or racing header allowed. Must exit under car.
- M. Blocks must have engine numbers.
- N. No Stokers.
- O. Must have STOCK O.E.M. UNALTERED crankshaft.
Note: engine not to exceed above.
- P. Carb. Adaptors allowed.

6 Drive Train

- A. Manual or automatic transmissions allowed. Automatic must use O.E.M. torque converter.
- B. Transmissions must have at least two (2) forward and one (1) reverse gear.
- C. Rear end must match car. Must be locked.
- D. No dog clutches or multi-disc clutches. No couplers. O.E.M. type only.
- E. No aluminum flywheels allowed. MUST BE STEEL FLYWHEEL.

F. Drive shafts must have loop behind transmission and painted white.

7 Suspension

- A. Front and rear suspension must be stock type, but may be re-enforced. No welding springs solid, no wooden blocks in springs.
- B. One shock per wheel in stock location only.
- C. No weight jacks allowed. If weight jacks exist they must be disabled.
- D. Racing springs allowed.

8 Tires and Wheels

- A. 7" max steel wheels only, may be reinforced.
- B. Racing studs and lug nuts recommended.
- C. D.O.T. street tires only. NO RACING TIRES.
- D. No bead locks allowed.
- E. No grooving or allowed.
- F. All four (4) tires must be same size.
- G. Right rear mud plug allowed.
- H. No bleeder valves allowed.

9 Radiator

- A. Only one (1) radiator allowed, must be centered in car in front of engine.

10 Battery

- A. One (1) 12 volt automotive battery allowed.
- B. Must be mounted to frame or cage away from driver.

10 Fuel and Fuel Tanks

- A. Racing gas allowed. No additives.
- B. Racing fuel cell required.
- C. Fuel cell must be in steel container, mounted to frame or cage with a minimum of two (2) steel straps 2" x 1/8" thick 360 degrees around cell.
- D. Fuel cell must be vented and have flapper valve or aircraft type lid.
- E. Fuel cell must be 12" from either side of car and 12" from rear of car body.

11 Brakes

- A. All cars must have minimum three (3) wheel working brakes. Four (4) wheel brakes recommended.
- B. Brakes must be O.E.M. from same car.
- C. Must use stock brake pedals and master cylinder.

12 Safety Equipment

- A. Snell rated SA 95, SA2000 or SA 2005 helmet required. Roll bar padding required in driver compartment. Fire retardant recommended.
- B. SFI-Approved full fire suit required. Fire retardant neck brace, gloves and shoes required. Fire retardant head sock, underwear, Head- neck restraints recommended.
- C. Driver side window net required, minimum 16" x 20" ribbon or mesh style and must be mounted so latch is at top front of window.
- D. Minimum 2" wide five (5) point safety belts required. Must be securely mounted to roll cage.
- E. Engine kill switch must be in drivers reach while buckled in seat.

13 Techs

- A. All cars subject to tech inspection at any time.