



## 2019 JR. MINI STOCK RULES

### **DRIVER REQUIREMENTS:**

- Must be 11 years of age. Maximum age 16 years old. (Note: A 16 year old may not begin the season, but if a driver turns 16 yrs old during the season they will be allowed to finish the season) This is a beginner's class for the kids to get them involved. These rules are intended to keep cars SAFE, basic and equal as possible. Track management reserves the right to add or amend rules at any time if needed for safety or fairness of competition.
- Drivers must be able to get in and out of the car on their own and operate all safety equipment. Must be able to start car, shift gears and complete a test for track officials if requested.
- Prior to racing a mandatory orientation must be attended by the driver and parent. Signed release forms must be completed before drivers will be allowed to compete.

### **BODY:**

- Two or four door sedan body with steel top. Station wagons are OK. Production wheelbase limited to 102". No modifications to wheelbase. Front wheel drive vehicles are allowed.

- Mini late model looking bodies OK
- Cars must have complete frame
- Cars must have complete firewall separating driver from engine and also separating trunk area from driver's compartment.
- All glass, chrome and trim must be removed.
- Fenders may be cut for tire clearance but tire clearance but must maintain a stock configuration.
- All cars must have a minimum of two hood pins or bolts to keep hood closed. Back of hoods must be completely sealed off and must stay while car is in motion.
- No angle or channel iron outside of car.
- Plastic nosepieces and tailpieces are allowed. Sheet metal plastic skirting is ok.
- Removable inspection panel required on driver dash area.
- Minimum weight after race with driver is 2400 lbs
- Must be paint and lettered in good taste
- Factory front and rear frame horns must exist. Bracing is allowed.

#### **ROLL CAGE:**

- All cars must have a minimum six (6) point roll cage. All cages should be a least 1-1/4" outside diameter X.095 wall steel tubing. (No welded Corners) Roll cage around driver must have padding.
- Drivers head must be at least 2" below top of cage.
- All cars must have at least three (3) door bars on the driver side, two (2) bars on the passenger side. Door bars must be a minimum 1-1/4" x .095 wall steel tubing. Door bars must be sufficiently gusseted and tied to the car at the bottom.
- Any bracing inside of car is legal except under fenders.
- Seat must be mounted to the roll cage and be on the left side of the car.
- No tube frame cars.
- Minimum 3 front window bars in front of the driver

## **NERF BARS**

- Nerf bars must be flush with body. No blunt or sharp edges.
- Nerf bars must be 1" x 2" rectangle.or 1" square only.
- Nerf bars are only allowed between wheels

## **ENGINE**

- In line four cylinders (carburetor type only with a maximum displacement of 2399cc.
- Engine must be in stock location
- No rotary engines or turbos
- No dual overhead cams
- Engine must use stock block, and head steel valves only
- Must use stock intake. May be machined to receive carburetor only.
- Milling of head to increase compression allowed.
- Carburetor must be un-altered Holley #4412 or 5200 series with a venture bore, stock throttle body, and stock booster location. May run stock OEM carburetor not to exceed 500 cfm. No Weber or Mikuni carburetor.
- Battery type ignition only. No magnetos, dual point, MSD boxes.
- Any solid surface cam, valve springs, rocker, and lifters allowed
- Stock exhaust or racing headers are allowed.
- Exhaust should exit under car
- Engine Blocks and heads are allowed
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- Engine blocks and heads must have factory numbers
- No strokers
- Must have stock, OEM. Unaltered crankshaft. (example 2.3 Ford – 2.3 Crank, unaltered)
- Starter- Must be able to start under own power. Push starts go to rear of field.
- If electric fuel pump is used, an automatic oil pressure cut off switch is required.

## **DRIVE TRAIN**

- Standard or Automatic transmissions are allowed. Automatic transmissions must use OEM torque converter.
- Transmissions must have at least two (2) forward and one (1) reverse.
- Rear end must be locked
- Drive shafts may be altered or welded and should be painted white
- No dog clutches or multi-disc clutches. No couplers. No mini clutch.
- No aluminum flywheels allowed, **MUST USE STEEL FLYWHEEL.**

## **SUSPENSION**

- Front and rear suspension must be stock type, but may be re-enforced. No welding springs solid. No wooden blocks in springs.
- One shock per wheel
- Added weight must be secured by two (2) ½" bolts, and painted white.

## **TIRES AND WHEELS**

- 8" MAX STEEL WHEELS ONLY. Rim centers must be completely welded and may be reinforced
- Racing studs and lug nuts required
- Mud plugs on right side allowed
- No bleeder valves
- Bead locks OK

## **RADIATOR**

- Only one (1) radiator allowed and must be centered in front of car

## **BATTERY**

- Only one (1) 12 volt automotive battery allowed per car
- The battery must be mounted to frame or cage
- Battery disconnect switch mandatory and marked

## **FUEL AND FUEL TANK**

- Racing gas allowed. No additives
- Racing fuel cell is required
- Fuel cell must be mounted to frame or bolted to cell frame.
- Fuel cell must be vented and have flapper valve
- Fuel cell should be 12" from either side of car and 12" from the rear of the car body.
- Floor in trunk must have holes drilled in it to allow spilled fuel to drain

## **BRAKES**

- All cars must have a minimum of three (3) working brakes. Four wheel brakes are recommended
- Adjustable brake control cannot be in driver reach

**IF IT DOES NOT SAY IT, THEN DON'T DO IT!!!**

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