



# 2024

## Mini Stock Rules

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*Sport Trucks and Mini Stocks run together as one class.*

### FRAME:

- 1) Any American or Foreign made Truck that was originally manufactured as rear wheel drive with 4-cylinder option and leaf springs as rear suspension. For example, Chevy S10, Ford Ranger, Dodge Ram 50, etc. (Wheel base 110" maximum)
- 2) American Passenger Car - No Convertibles - Must be Rear Wheel Drive (Wheel Base 103" Max)

### CHASSIS AND ROLLAGE:

- 1) Tech may disallow any car/truck with compromised structural integrity or protruding parts that may be dangerous to others.
- 2) Any chassis used must have come with a 4-cylinder engine option.
- 3) Complete 6-point center section and rear down bars must be 1 1/2" minimum diameter and .095 wall thickness minimum.
- 4) No exhaust tubing, or crimped exhaust pipe bends in main cage.
- 5) Main 4 points of roll cage must be welded to frame.
- 6) No tubular frames.
- 7) Minimum of 3 door bars on driver side, must have 1/8 metal plate welded to outside of bars.
- 8) Minimum of 3 door bars on passenger side.
- 9) Must have a minimum of 3 windshield bars in front of driver.
- 10) All perimeter bars and bumper bars must be shaped with safe/rounded ends to help prevent puncturing others.
- 11) All bars on drivers side must be padded.
- 12) Must have stock front cross member.
- 13) Rocker panels may be removed and replaced with tubing, provided the front and back of tubing are sealed.
- 14) Must have front and rear firewall 18 gauge minimum.

### BODY

- 1) OEM body, sheet metal, aftermarket allowed.
- 2) Rear of trucks may be left open.
- 3) 65" wide Maximum.
- 4) Hood required, must have a minimum of 4 hood pins (one per corner).
- 5) No protruding bars or sheet metal that may cause damage or injury.
- 6) May run spoiler (8" max on truck - 4" max on car) No wider than the body.
- 7) Steel or aluminum body ok. Fiberglass roof is ok.
- 8) Fabricated bodies must look like a truck.
- 9) Truck beds must be covered.
- 10) Aftermarket nose piece are fine, but must not protrude past body sides.
- 11) No mirrors allowed.
- 12) Numbers must be on both sides and top, must be large enough to see from the booth.

### WEIGHT

- 1) 2200lb minimum with driver.
- 2) Any added weight must be securely mounted with 2 bolts minimum.
- 3) All weight must be painted white and marked with driver's number.
- 4) No bolt on weight in driver's compartment.

### BUMPERS

- 1) 2" OD maximum, .095 maximum tube size.
- 2) No overbuilt type bumpers "Battering Rams" - No hang-up type ends, may loop back to frame.
- 3) Bumpers cannot extend outside of tires.
- 4) Must have one loop of chains on front and rear bumper for towing.
- 5) Front and rear bumpers required.
- 6) Front Bumpers: Minimum 36" wide, May have bar to protect radiator, must be behind nose piece.
- 7) Rear Bumpers: May weld one 8" tall loop on top of bumper, no wider than the center of tires., Must extend 1" below fuel cell. No sharp or cornered ends, Ends must loop back towards frame.



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### NERF BARS

- 1) Tubing not to exceed 2" OD, .095 thickness.
- 2) Ends must loop back in through body.
- 3) Nerf bar must stay within 3"-4" distance from body.
- 4) May have exterior door bars, must use carriage head type bolts. No sharp or cornered ends. Must be tight to body.

### WHEELS

- 1) Steel wheels only - 8" wide maximum.
- 2) 1" Lug Nuts
- 3) No Wheel Spacers Allowed
- 4) Off sets allowed.
- 5) Bead locks allowed on right rear only.

### TIRES

- 1) DOT rated tires; no mud type tread allowed.
- 2) Hoosier or American Racer tires allowed.
- 3) Grooving and Siping allowed.

### BRAKES

- 1) All four wheels must stop - No brake bias allowed.
- 2) OEM parts only.
- 3) May run aftermarket master cylinder, single brake pedal.

### STEERING

- 1) Steering box and components must remain in stock location.
- 2) May run heim ends on tie rods.
- 3) Power steering is allowed.
- 4) Steering quickener allowed.
- 5) Quick release steering wheel required.

### SUSPENSION

- 1) Must remain in stock locations.
- 2) Stock spindles only.
- 3) No Weight jacks allowed.
- 4) May run aftermarket leaf springs.
- 5) A-arms may be modified to accept 2" shocks.
- 6) May run aftermarket A-arms, non-adjustable.

### SHOCKS

- 1) May relocate shock mounts.
- 2) One shock per wheel.
- 3) Coil overs allowed.
- 4) Not to exceed purchase price of \$175/per shock.

### BATTERY

- 1) Must be securely mounted - Must not be in engine or driver's compartment.
- 2) Positive battery terminal must be covered/protected.

### RADIATOR

- 1) Must remain in stock location - May run aftermarket radiator - Electric Fans allowed.



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### ENGINE

- 1) 2360CC Maximum - Any SOHC motor, no DOHC.
- 2) No turbo or supercharger allowed.
- 3) OEM heads only, no aftermarket.
- 4) No roller rocker, No roller cams - No aftermarket cranks.
- 5) Stock intake only - Stock manifold or header.
- 6) Headers must point down and away from driver.
- 7) No crank trigger type ignition.
- 8) Adjustable cam pulley allowed.
- 9) Engine mounts can be modified.
- 10) Engine may be moved back, #1 spark plug must not be farther back than upper ball joint.
- 11) May run electric water pump.
- 12) OEM carburetor or 350 CFM maximum for aftermarket carburetor.

### FUEL SYSTEM

- 1) Fuel cells mandatory - Must be securely mounted, two strap minimum.
- 2) Plastic tanks must be encased by metal.
- 3) Must have manual shut off located on top of truck bed / rear deck or car and clearly marked "ON" and "OFF".
- 4) Rollover valve required on fuel cells, Period.
- 5) Electric fuel pumps allowed. Recommended: Wired through an oil pressure switch (10psi).
- 6) Race Fuel allowed, no alcohol or methanol.

### TRANSMISSION

- 1) Must be stock OEM type with all working gears.
- 2) Must have scatter proof blanket or steel strap with a minimum of 3" by 1/4" over flywheel.
- 3) Automatic transmissions must have working torque converter.
- 4) No Aluminum flywheel.

### DRIVESHAFT

- 1) Steel shaft only, no aluminum.
- 2) Must be painted white - Must have number on it.
- 3) Must have safety loop no further than 12" behind front u-joint.

### REAR END

- 1) Stock housing only, no quick-change style.
- 2) Does not have to match make of vehicle.
- 3) Must remain in stock location.
- 4) Leaf spring sliders allowed.
- 5) Lockers, Spools, or Mini Spools allowed.

### SAFETY EQUIPMENT:

- 1) 2010 Minimum Snell-rated SA2010, SA2015 or SA2020 helmet required.
- 2) Roll bar padding required in driver compartment. Recommended: Fire retardant padding.
- 3) SFI-approved full fire suit required - Fire retardant gloves, shoes and neck brace (or head and neck restraint) required.
- 4) Right and left seat head supports required if not using head and neck restraint system.
- 5) 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.
- 6) Maximum four inch tall visor attached to window net.
- 7) Minimum two inch wide SFI-approved five point safety belt assembly required, must be mounted securely to main roll cage.
- 8) Kill switch required on left side for easy access by officials and must be clearly marked 'OFF' and 'ON'.
- 9) Raceceiver is Required.

*Recommended: Safety belts no more than two years old - Fire retardant head sock and underwear - Collapsible steering shaft.*