

## 2012 Mini Stock Rules

### ELIGIBLE VEHICLES

- Only Chrysler, Ford, General Motors, & Toyota Corporation nameplate 4-Cylinder, hard-top, compact cars. Hatchbacks, compact station wagons, and compact or mid-size pickup trucks allowed. NO convertibles, 4-wheel drive, or all-wheel Drive vehicles allowed. NO rear-engine or mid-engine vehicles allowed. **Front-wheel drive (all makes) cars allowed, but must meet all other minimum Mini Stock rules and specifications.**
- All vehicles must be factory stock-street legal with no major modifications of any kind.
- Body must be factory stock appearing with sheet metal. NO aluminum or fiberglass bodies. NO alterations of any kind. Stock-appearing, aftermarket nose-piece is okay with Officials approval. Roof, windshield post and cowl must remain stock. Doors must be welded or bolted shut. Pickups must enclose bed. OK to remove rear window frame on Hatchback cars. If removed, replace deck portion with sheet metal to retain stock appearance. **Bottom half of fenders and quarter panels may be aluminum. Must retain stock appearance! Officials' discretion is FINAL!**
- Minimum frame and body clearance from ground level is four (4) inches measured at any point of vehicle.
- All vehicles must have a full windshield. All other glass, moldings and lens must be removed. NO rear or side windows. Please REMOVE all glass properly – DO NOT BREAK OUT!
- Safety constructed 4-post roll cage with a minimum of 3 bars on driver's side door area is required. Must have steel plate between door skin and roll cage mounted securely to door bars. At least one door bar on passenger side is required.
- Full floor board must remain intact. Must have full stock firewall between driver and engine and between driver and fuel tank. NO interior sheet metal allowed except for firewalls.
- Fenders may be trimmed for tire clearance only. NO holes in hood for air cleaner. NO sharp edges allowed on body or bumpers.
- Hood & trunk lids must have safety pins and may not be bolted shut.
- All suspension parts and mounts must be uncovered and clearly visible for inspection.
- **Screw jacks will be allowed with a 100-pound weight penalty.**
- All vehicles must have a front and rear means of being hooked up by a wrecker.
- NO communication devices of any kind. NO side mirrors or rear view mirrors.
- Car numbers must be at least 20" high and 4" wide in a contrasting color to body. No exceptions! Number must also appear on upper right corner of windshield.

### ENGINES

- Engine must be 4-cylinders, carburetor-fed, and factory stock for the year, make, and model of vehicle. NO turbo or rotary engines allowed. Must have a factory stock cylinder head for the make and model of vehicle. **Factory-stock fuel-injection allowed on FWD cars ONLY!**
- Factory stock single 2-barrel carburetor only. **Choke and butterfly assembly may be removed.** NO aftermarket carburetors. **Holley 4412 carburetor will be allowed. No reworking, grinding, or altering carburetor in any way.** NO "air-Intake" boxes allowed.
- Factory stock intake and exhaust manifolds only. NO aftermarket manifolds.
- **Headers ok! Exhaust must be sealed-tight.** Exhaust must exit, completely, behind, and away from driver's compartment. **No maximum O.D. on exhaust pipe.**
- Must have an operational starter. **Any car being pushed to start - may start on the tail of race.**
- Stock ignition and stock coils only. NO MSD units or add-on ignition amplifiers.
- All vehicles must have a well-marked, operational ignition "Kill-Switch". Batteries must be boxed,

covered and securely fastened.

- All vehicles must have a radiator overflow hose that exits onto the windshield. NO antifreeze coolants allowed!
- NO oil cooling systems allowed.
- Steel drive shafts only - NO aluminum shafts - must be painted white. Steel drive shaft hoops required.

## FUEL SYSTEM

- Fuel cell strongly recommended. If fuel cell used, it must be completely enclosed in a steel can. Fuel tanks must be safely secured with (4) steel straps. Minimum ground clearance: 10". Fuel tanks must be accessible through top of trunk lid with a minimum 8" x 12" access panel, which must be secured flat to the trunk lid and hinged on one side. Fuel tanks in Hatchbacks and Pickup trucks must be fully contained by a metal firewall. Pickups may reinforce bed to protect fuel tank. NO plastic tanks or kegs allowed. **4.00 inch spoiler, no wider than car, made with a see-through material allowed.**
- NO fuel lines in cockpit area. Steel lines or braided hose must be used as fuel line from fuel source to fuel pump.
- **NO fuel injection or electric fuel pumps allowed on RWD cars.** Electric fuel pumps for FWD's & S-10's okay but must be mounted on right side of front firewall, inside engine compartment.
- NO fuel cooling systems allowed. Racing gasoline or standard pump gas only. NO alcohol or fuel additives allowed.

## TIRES & WHEELS

- Any 70 or 80 Series, 195 or smaller D.O.T. Radial tire. Any 75 Series, 215 or smaller D.O.T. Radial tire. NO Recaps, Hoosier, McCreary, or aftermarket "made for racing" tires, even if D.O.T. approved, are allowed.
- NO tire soaking or "compound enhancers" allowed.
- Steel wheels only. Maximum width of wheels is 7" FOR CARS AND COMPACT TRUCKS. Safety wheels highly recommended on right side but may not exceed width rule. Oversize lug nuts of 1" or larger on all wheels is mandatory. No aluminum, mag, or plastic wheels allowed.

## Safety and Misc

- Snell SA95 or newer helmets and neck collars are required. May use Hutchens device or HANS device instead of neck collar. SFI approved full fire suit and gloves of a flame retardant nature required. Fire retardant shoes highly recommended.
- A 5-point design, approved, made-for-racing safety harness must be securely fastened to the car. An approved 2.5lb fire extinguisher in working order and within reach of driver is mandatory.
- Driver's racing window net required. "String" window nets prohibited. Driver's safety equipment must be used at all times.
- **MINIMUM WEIGHTS: Ford Mustang (Mercury, etc) – 2,300 lbs.; Ford Pinto (Mercury, etc) – 2,250 lbs.; all other RWD cars/trucks – 2,200 lbs.; FWD – 2,000 lbs. All weights are with driver before qualifying or after race. Minimum weights may be adjusted during the season to ensure competitive balance.**
- **Add 100 pounds to minimum weight if running screw jacks.**
- **Added weight must be securely fastened with a full-length of bead weld or one-half-inch grade steel threaded rod. Added weight must be painted white and have car number on it.**
- Front or rear-wheel drive, three-four-five-speed-or-automatic transmissions allowed. No quick-change transmissions or rear ends.
- Must have factory stock brake system with operational 4-wheel brakes.
- **FWD cars may not compete in two classes in the same racing program.**

**MANAGEMENT RESERVES THE RIGHT TO CHANGE, ALTER, MODIFY OR CLARIFY ANY RULE DURING THE YEAR.**

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