

## MINI-STOCK RULES : updated 1-9-17

**ELIGIBLE MODELS:** Any domestic or foreign four-cylinder front or rear wheel drive sedan or coupe with a stock wheelbase between 87" - 104". All Chassis mounting points must be unchanged. No four wheel drives, pickups, mini vans, two-seat sport cars or mid engine cars. No Turbo, superchargers, or rotary powered cars. Wheelbase must match car model. **GENERAL BODY SPECIFICATIONS:** Bodies must be straight, sound, and remain in the original location on the frame. All exterior trim and moldings must be removed. Rub rails no bigger than 1 x 2 may be attached to body from fender well to fender well . Rub rails must be free of all sharp edges Must have 3 bars minimum in front window area in front of driver's head, screen optional but driver's side window net is mandatory. All glass must be removed. **NO WINDSHIELDS!! FRONT FENDERS AND HOOD:** Fenders may be cut a maximum of 3" above the tire and conform to original configuration Inner wells may not be removed on cars without strut type front suspension. No tubing in front of firewall except for one bar in front of grill. Hood latches must be removed and replaced with quick release hood pins. Hinges may be removed and must be replaced with quick release hood pins. Inner structure, hinges and latches may be removed. Doors must be welded shut. Doors, Hoods and Decklid may be fabricated with 22-gauge steel only. All hatch back cars - hatch must remain and be welded or bolted shut. Inner bracing may be removed. Bumper area to trunk must remain closed. **FRAMES:** May use tubing for reinforcement and repair of original frame but approval is at tracks discretion. If a section of the stock frame is cut out it must be replaced with a stock piece of frame. **ROLL CAGES:** Roll cage is mandatory and must be constructed with a minimum of 1 1/2" O.D. x .095 thickness steel

tubing, no exhaust tubing. Box tubing may be used to support the roll cage. Full cage only. The primary hoop must extend from both sides of the frame and meet the roof. Side roll bars are **MANDATORY** and **MUST** extend into the door panels. Roll cage must be tied together. A bar connecting the 2 front posts directly above or below the steering column is mandatory. A **MINIMUM** of three (3) bars **MUST** be used on the left side of the car. Minimum of two (2) bars on the right side of the car. Each bar **MUST** be a **MINIMUM** of one and one-half inch (1 1/2") in diameter with a **MINIMUM** thickness of ninety-five thousandths inch (.095") An intrusion protection plate **MUST** be on the outside of the bars (inside the body skin) using **MINIMUM** 1/8" steel or **MINIMUM** 1/4" aluminum. All bars near the driver must be covered with padding. Roll cage **MUST** be above the driver's helmet. The entire roll cage **MUST** be constructed of round tubing **ONLY** and remain within the confines of the body. **INTERIORS:** Interior must be completely gutted. All flammable material must be removed Firewalls must be left in OEM stock location. All cars must fabricate a firewall between driver's compartment and fuel tank if moved to the interior. The only alteration allowed is for installation of roll cage. All window openings must remain open. The dash may be removed. Air Bags must be removed. Radios and Antennas must be removed. **NO** rearview mirrors of any kind permitted. If the battery is mounted in the driver's compartment it must be securely mounted and covered in a manner that will not allow it to leak or dislodge in an accident. A five-point safety harness belt is required and must be fastened to cage or frame. Belts must be in good condition no tears or fraying. Driver will be given one warning to get belts replaced before the next race. The second warning, the belts must be replaced before the car will be allowed to participate in any further competition activities. Stock steel unaltered floor pan must be used. The only alterations to floor allowed are to repair rust. Minimum 20 gauge steel. No tunnels or air ducts. Speaker deck - must be left OEM stock. **SPOILER:** No spoilers.

## ENGINES

The engine must have a working starter and a stock type ignition. Engine must be same Manufacturer to Manufacturer. No Honda Twin Cam VTEC engines. Manufacturer's performance parts are not allowed. All engine parts must be OEM stock or stock replacement passenger car parts only. Oil pan must be stock appearing. Intake manifold must be OEM stock for make and model. Absolutely no modifications, internal or external. Compression Ratio must test within 10% of Factory for make and Model. Timing belt/chain must remain OEM stock. All pulleys must remain stock. No aluminum or alterations allowed. Smog pumps and Alternator may be removed. Water pump OEM stock or replacement. Ignition must be OEM or OEM stock replacement. No after-market electronics. No aftermarket ECM or chips. \$100.00 ECM claim. Fuel system must be OEM stock for make and model and meet exact stock factory specifications. Fuel injected cars may not have a cold start or fifth injector working, must be removed and plugged. No added vacuum lines to the throttle bodies. Stock OEM carburetor or stock OEM fuel injection for make and model. Air cleaners must be STOCK, and mounted in stock position. No holes in hood or airbox The engine must be in stock location. All cylinder heads must be conventional stock heads. Must be stock OEM for make, model and year. Valve job must remain and meet stock factory specifications. No exceptions. No after market or swirl polishes allowed. OEM stock valve springs only. In summary, all internal and external engine components will remain STOCK. Any stock OEM or aftermarket radiator, Radiator support brackets may be fabricated. Radiator Must Remain in stock location. May use racing type coolant. All cars must be equipped with a fan shroud, may be fabricated. FUEL SYSTEMS: Fuel cell is optional, 15 gallon maximum. If fuel cell is used with an inline pump, it must not exceed stock PSI for make and model. A firewall MUST be installed between the fuel tank and driver's compartment if moved from OEM location. Gasoline fuels only, no alcohol or other fuels allowed. Tank or Cell must be securely fastened in the trunk of car to the frame or cage if moved from OEM equipment.

If fuel lines are run through inside of car, they must be inside of metal conduit. DRIVE TRAIN: All drive train components must be in OEM stock location; mounts must be stock or stock replacement. Transmissions must be OEM stock for make and model, with all gears in working order. Locking devices will be permitted. Welding of differentials is also permitted. Shifting levers - Stock only. No modifications. Flywheels, clutch disc, and pressure plates shall all remain stock or stock replacement for make and model. No lightening, turning or drilling allowed. Must have minimum 1" inspection hole to see flywheel. Drive shaft and axles - Stock OEM for make and model. No aluminum or lightweight shafts or axles allowed. Front wheel drive - Must remain original stock OEM. No modifications.

CHASSIS AND SUSPENSION: Strut towers - front may be modified for caster and camber only. No modification to lower the cars Shocks / Struts - stock OEM or stock replacement only. No altering to make shock or struts fit. No adjustable shocks or struts. One shock per wheel. Springs - OEM Stock, must fit in stock mounts and stock locations; no modifications. No heating or Cutting. Broken coils must be replaced. No spring rubbers and only OEM Strut Bump Stops. A-frames, Trailing arms, and Steering components - must be OEM stock for make and model. Sway bars must be OEM stock for make and model, and remain in OEM stock location. No modification to mounts or links Suspension bushings must be stock or stock replacement, made of rubber or neoprene. No metal or eccentric bushings allowed. Rear ends must be OEM stock for make and model. TIRES and WHEELS: DOT Street Tires only. 7" maximum width. No snow tires allowed. Steel or Aluminum rims permitted. 7" maximum width. No racing wheels. STOCK OFFSET ONLY. No exceptions. BRAKES: MUST be equipped with operational four-wheel braking system. Stock four wheel hydraulic brakes required. No modifications allowed. No welding or modifying for disc brakes. Stock master cylinders only. REMOTE CONTROLLED SUSPENSION DEVICES:

NO "in-cockpit driver controlled" suspension devices permitted. NO weight jacks of any kind permitted. This includes fifth [5th] coils, etc.. ANY driver using "in-cockpit driver controlled" suspension devices or weight jacks WILL BE DISQUALIFIED FROM COMPETITION! EXHAUST Exhaust manifold must remain unaltered for the year, make and model of car. If car comes stock with header an aftermarket header will be allowed with stock diameter tubes SAFETY EQUIPMENT: An approved racing helmet is REQUIRED. Snell SA-95 or better. Fire resistant driving uniforms are REQUIRED. Fire resistant gloves and shoes are mandatory. CLAIM PROCEDURES: Any car may be claimed for \$2000.00 or ECM claimed for \$100. Claim must be made before the start of the feature race. Driver making claim must finish on the lead lap. A competitor (4-cyl. driver) may only make one (1) claim per season For a car to be claimed, it must finish in the 1st position and pass tech inspection. Claimer must forfeit his/her car, as it was when the race was completed to the claimer. For a car to be eligible to be claimed it must win two (2) consecutive feature races. If a claim has been made, either accepted or refused, another claim may not be made for two (2) consecutive races on the same car. If the claim is refused, driver and car will be disqualified and lose any and all points accumulated to date and suspended for remainder of the season. To claim a car claimer will present an envelope prior to the start of the feature to the pit steward with the car # to be claimed on it with \$2000. If claim is refused claimer will be returned the entire amount. MISCELLANEOUS: ALL cars MUST be in good operational condition and be presentable in appearance, subject to the judgment of the inspection officials. Bumpers must be stock and front can can be reinforced with one bar, max 1 ½ inch diameter to protect radiator. Car numbers must be a minimum of 18" high on the doors and roof or rear deck. Do not use reflective colors. Duplicate numbers are not permitted. Drivers are responsible for making sure that the numbers are legible for score keeping. If not legible you will be given 1 (ONE) week to fix it... if you do not you will not be scored and will not receive points or money. No wings or tunnels of any type permitted under the car. No one shall be allowed to ride on or in the car as a passenger on the track at any time.

"Tow hooks" are MANDATORY. Two-way radios are NOT permitted RACEIVERS mandatory