

## Section 12 - Mini Stock

General Safety, Procedural & Protest Rules apply unless otherwise specified. Please read & adhere to these rules.

ANYTHING NOT COVERED IN THESE RULES WILL BE TO THE DISCRETION OF THE TRACK OFFICIALS. TRACK OFFICIALS DECISIONS ARE FINAL.

Raceceiver mandatory. (454.000)

Class Tear Down: is \$400.00 for three (3) specified items only. \$300.00 for the protested car if found legal or \$300.00 returned to protester if protested car is illegal. \$100.00 going to Raceway Tech Division.

**ENGINE:** Engine must remain stock as manufactured - 2300CC Ford or Toyota 22R. Flat top or dish pistons only. . No rotary or fuel injected motors. .040" cleanup on cylinder bores allowed. 1" pipe plug installed in oil pan that makes viewing of rods and cranks possible with engine installed in car. Must pull 1" plug or pan for inspection. Stock Stroke crank shafts only. No light weight, cut down or narrowed crank shafts allowed. No knife edging, no drilling to lighten before balancing, no polishing of counter weights. Pistons may not come above deck of block. (exception: Toyota laser block pistons do come above deck in stock form). No light weight pistons or rods. OEM replacement only for engine being used. Hypereutectic allowed. No forged pistons. Exception: 4 cylinder Ford may use late model 2300cc Ranger piston & rods. May run a windage tray. Stud gurdles are allowed.

**HEAD:** Adjustable or multi-key slot timing gears allowed. Sand blasting, bead blasting, acid-dipping, porting, polishing and welding are prohibited. Special Note: Heads will be pulled occasionally to check for illegal work being done in areas that can't be seen externally. (valve pockets, ports, etc.). NO MILL RULE.

**CAM RULE:**

OPEN CAM RULE, ANY LIFT, ANY TYPE CAMSHAFT ROLLER, SOLID OR HYDRAULIC. NO TITANIUM, STEEL ONLY.

**COOLING SYSTEM:** One aluminum, copper or brass radiator allowed must be in front of engine. Electric fans allowed Cast iron or aluminum water pumps allowed.

**CARBURETOR:** One carburetor only , 4412 Holley stock carburetor allowed, no HP. Remove choke plate and rejet only. Stock Carburetor plate or spacer for engine used, 1 inch spacer allowed thin gaskets only no tapering or modifications of any kind to said item. No air induction plastic carburetor inserts or other devices to direct air into intake. No air diffusers are allowed. May run after market air cleaners. Intake must be OEM as cast, no modifications. EFI Intake is allowed.

**DISTRIBUTOR:** Stock distributor. Stock type module. NO high-performance modules. Super coil allowed.

**TRANSMISSION AND DRIVE LINE:** Fly wheel stock steel, no aluminum, etc. minimum weight 18 lbs. Note: Fly wheels will be weighed. Clutch must be OEM type only, no light weight parts. This means clutch disc & pressure plate. Note: These parts will be checked & weighed at the discretion of the tech staff. Transmission must have all gears working at all times. Drive shaft steel only, no ultra light steel drive shafts. Rear differential must be locked, no spools or aluminum parts.

**CHASSIS AND BODY:** Stock original unibody with full floor, firewalls, trunks and inner fenders. 2" maximum hood scoop. No holes in hood. Rear spoiler allowed, 4" Maximum. May use stock appearing, aftermarket steel and aluminum bodies, must match stock body design at the discretion of the Officials. May fabricate frame front and rear using 2x3" tubing from strut tower in front forward and centerline of rear axle to the rear. Any 4 cylinder sedan, subcompact or compact two door cars. No convertibles, station wagons, two seat sport cars, four wheel drive, independent suspension or front wheel drive cars allowed.

***FABRICATED ROOF & ROOF POST DIMENSIONS:***

*Maximum roof length front to back 48". Maximum rake 4" from highest point to lowest point. Rear Roof Post/Sail Panel maximum length 28" at bottom or widest point. Maximum length at top 18". Top rear edge must be even with back of roof. THIS IS FOR AFTERMARKET or FABRICATED BODIES ONLY. Stock bodies must remain stock dimensions.*

Must be front engine cars only. All glass must be removed and a screen placed in the windshield area. Must have front loop. Must have a complete

6 point roll cage, installed in a safe professional manner. 1¼" .090 wall steel tubing minimum with three door bars on driver's side and two bars on passenger side. All roll cage in drivers area must be padded. Front loop to protect drivers legs and feet. No sharp pointed objects in driver's area. Must use aluminum high back racing seat with padded head rest that is securely fastened. Must have 5 point racing seat belt harness 5 years old or newer securely fastened with bolts. Neck brace is mandatory.-Racing fuel cell is mandatory. Fuel cell must be mounted in a safe and professional manner. Must have a protection loop behind fuel cell. Fuel cell must be protected on all sides with minimum 18 gauge steel minimum 12" from ground. Must have firewall between drivers compartment and the trunk area. Fuel shutoff must be in reach of right hand side of driver and the master switch on left hand side of steering column face of dash.

**WEIGHT:** 2500lbs minimum weight with driver after race. Any weight inside drivers compartment must have a 2"x2"x¼" minimum plate on the backside of weight.

**BATTERY:** Any battery inside drivers compartment must be in a Marine-type container, and a master switch on left hand side of steering column face of dash.

**SUSPENSION:** Must have stock suspension. Stock type (mount) shocks, non-rebuildable oil shocks, racing springs allowed, adjustable cups allowed.. All front control arms and rear trailing arm pivot points must be in stock position. All cross members must be stock position, no slotting of holes or repositioning of cross members to alter the wheel base or change angle of control arms and trailing arms.

**BUMPERS:**

-Must run a stock type facia/or bumper front and rear. No square block-shaped bumpers, round tubing only. No exterior bracing. Side rails must have maximum of 1¾"OD. All exterior tubing must be round. All tubing must be reduced back into and attached to the frame or cage. 18" center from ground.

**EXHAUST:** Proper installation and maintenance is the responsibility of the car owner. Exhaust must exit behind the driver. If inside car must be covered with tin. Stock exhaust or header allowed.

**WHEELS AND TIRES:** Stock reinforced steel wheels only on right side allowed, stock wheel on left side or approved steel wheels. No light weight racing wheels (spun type). No re-welded or altered wheels allowed. 7" wheel width maximum. Stock tires or recaps on DOT passenger cars casing only. DOT tread pattern. Maximum width of 7". **Offset must be a minimum of 3"**. A minimum durometer reading of 50 hot. No racing retreads, example, Marsh, Diamond Back, and Towel City. No aggressive design. No grooving allowed. Buffing or sipeing is allowed. NOTE: All tread designs must meet with approval of tech staff prior to racing.

**BRAKES:** Four (4) wheel brakes required. 4 wheel disc brakes allowed on 94 or newer mustangs. Must be capable of locking and sliding all four (4) wheels. Brakes may be checked at any time. Aftermarket OEM aluminum calipers allowed, must be same size side to side.