



**2011**  
**Lamar Speedway**  
**LRC Mini Stock**



**Objective:** An affordable entry class permitting young, adventurous kids to test their courage and develop their skills in stock car racing. There is no age limit for this class. However kids under the age of 14 years old will be require to; *receive special consideration from the Board of Directors.*

**Appearance:** Must be painted and lettered the same as all race cars. Numbers must be 14” high on the right & left sides and the right side on top in contrasting colors. Also 4” numbers on the front and rear of the car. No more than two (2) digits.

**Safety Equipment:** Helmets; Snell rated SA 2000, SA 2005 or SFI 31.1/2005 or newer helmets required. Roll bar padding in the driver’s compartment required. SFI approved full fire suit and gloves required. Driver side window net required minimum 16” x 20” ribbon or mesh style, must be mounted so latch is at the top of the window. Kill switch is required within easy reach of the driver and must be clearly marked “OFF” and “ON”. Seat belt & shoulder harness must be racing type. Lap belt must be 3”, shoulder harness 2 inch. All belts must be nylon webbing. The complete harness assembly will have one racing type quick release mechanism. Seat belts must be bolted and/or harness chained to roll cage to allow a swiveling action and no shear action. Shoulder harness must be anchored below shoulder height. A crotch strap is recommended

**Chassis:** Any front engine, rear wheel drive, compact car of uni-body construction. No front wheel drive, all wheel drive or rear engine drive cars allowed. Wheel base must be no less than 98”.

**Body:** Full body cars must retain stock front fenders and hood. Fenders and body panels may be trimmed for tire clearance; front fender wells may be removed. Rear wheel wells must remain intact to protect the driver from debris that may be thrown into the driver’s compartment from the rear tires. Front firewall on full bodied cars must remain in tact in the stock location. Hood scoops and spoilers will be permitted. No *t-tops or sunroofs*. Any holes in the floor, roof or firewall must be covered with (20) gauge sheet metal and must be securely welded or riveted. All glass, plastic or any other flammable material must be removed. All door handles, antennas and trim must be removed. Aftermarket front nose & tail pieces will be allowed.

**Battery:** Securely fastened down and covered with a plastic or metal cover.

**Roll Cage:** Must have a minimum of a 6 point roll cage. It must attach to the floor pan or frame in at least six (6) points. Full bodied cars must attach to the floor pan with a 6” x 6”x 1/4 “. Plate and securely welded or bolted to the floor. Roll Cage must be constructed with a minimum of 1 ½” O.D. tubing and a minimum wall thickness of .090 inch for main cage. Consisting of a configuration of front, rear and top hoops connected by tubing on sides or side hoops. Must have x-brace in headache rack; (x-brace that attaches from top of headache rack to frame rails behind the rear axel.) All bars forward of cage must be lower than the hood. Minimum three door bars on the driver’s side and two door bars on the passenger’s side. Drivers head must not protrude out side the cage with helmet on.

**Drivers Compartment:** A minimum of 4 window bars in front of the driver (bars must be 5/16" in diameter and spaced no more than 4" apart.) Aluminum high back racing seat only and must be bolted in using, .0375" bolts next to left side frame rail and in front of the rear tires. The seat bottom cannot extend below the frame rail. Driver must be sealed off from the track, driveline, engine and fuel cell.

**Front Suspension:** OEM type front suspension required. You must have (1) spring & shock per wheel. No cutting of springs is allowed. Aftermarket spring and shocks are acceptable. All shocks and springs must be mounted in the stock location.

**Rear Suspension:** OEM type rear suspension required. You must have (1) spring and shock per wheel. Aftermarket springs and shocks are allowed. Leaf springs may have longer shackles. All shocks and springs must be mounted in the stock location.

**Shocks:** One steel, non adjustable, unaltered shock per wheel. Bumpers and stops are not allowed. No threaded body, coil over, air or remote reservoir shocks. No Schrader or bladder type shocks allowed. No helper springs on shocks.

**Steering:** You must use a rack and pinion, or a gearbox type. Quick release steering wheels are allowed.

**Rear Differential:** Any steel approved OEM passenger car or truck rear end (housing and carrier) is allowed. All components must be steel, except lowering blocks. Full steel spool, steel mini spool, or welded rear ends only. Steel axles only, no quick change devices, or cambered rear ends. One piece drive flanges only. No torque dividing differentials, no scalloped ring gears.

**Brakes:** Any disc or drum brakes or combination. You must have working brakes on all four wheels. No adjustable brake proportioning devices allowed.

**Exhaust:** Stock exhausts manifolds or headers only. Exhaust header/pipe must extend at least behind the transmission cross member.

**Fuel System:** Mechanical or electrical fuel pumps allowed. If using an electric fuel pump, you must have a positive shut off controlled by oil pressure. Racing fuel cells required. It must be in a (20) gauge sheet metal container. Cell must be securely mounted behind the rear axel and must be 10" off of the ground. Cell mounts must be steel securely welded to frame or bolted through the floor pan. Fuel cell vents including cap vent must have check valves. If fuel cells do not have an aircraft style positive seal filler cap/neck system, a flapper, spring or ball type filler rollover valve is required. Air cleaner top/stud cannot direct air into the carburetor. No adjustable throttle bore carburetor spacers allowed. Metal firewall sealed to separate track area from the driver.

**Fuel:** Pump gas only, no alcohol.

**Weight:** A minimum weight of 2200 lbs with driver after a race, weight cannot be added after the race to compensate for parts lost on the track. No weights or loose objects are allowed inside the driver's compartment above the interior deck or on the outside of body panels. All weights must be securely attached to the frame, roll cage or floor pan and must be painted white with the car number on it.

**Transmission/Driveshaft;** May be manual or automatic. You must have all forward gears in tact and working. Manual transmissions must have a working clutch. No mini clutches or lightened flywheels allowed. A minimum of a 2" diameter driveshaft must be painted white and have a 360 degree loop and must be constructed with a minimum 0.125 x 2" strap and located 6" behind the front u-joint.

**Engine Compartment:** Radiator must be located in front of the engine. Cooling system may be modified, aluminum radiators are permitted. The radiator may be attached to the front engine loop. Engine loop may not extend beyond the front frame rails.

**Engine Specifications:** A (4) cylinder family to family, carbureted, naturally aspirated engine with a single camshaft. A maximum of (2500) cc, no engine stroke changes allowed. Engine may be bored. Flat top or dish pistons only. Head may be milled, 3 angle valve jobs allowed. No port and polish, solid lift cams are allowed. Carburetor may be a 500 CFM maximum with no modifications. No dry sump system allowed. An adjustable cam gear is allowed. No aluminum or aftermarket heads are allowed, (unless OEM equipped.) Engines must pull 12" of vacuum.

**Tires and Wheels:** *Tires;* only popular DOT tires are allowed. No racing or questionable racing tires. No restrictions on tire width and size. No mud tires and no grooving.  
*Wheels;* racing wheels allowed, must be steel/ no aluminum or alloy wheels allowed.

**Notice:** If there is an item not covered in these rules leave it stock or you must receive approval from the tech inspector and/or the Competition Committee. Additional information; call the track promoter at (719) 336-5414. OEM means... Original equipment manufactured with no modifications done by anyone!!!

**Protest:** \$25.00/ turned in before the main event.