

Wayne County Speedway

Mini Stock Rules

(Updated March 10, 2024)



Eligible Models: Any domestic or foreign four-cylinder front or rear wheel drive sedan or coupe. NO four-wheel drives, pickups, mini vans, two-seat sport cars, or mid-engine cars. No turbo, superchargers, or rotary powered cars.

General Body Specifications: Bodies must be straight, sound, and remain in the original location on the frame. All exterior trim and molding must be removed. Rub rails no bigger than 1x2 may be attached to the 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 with screen, but driver's side window net is optional. 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. Hood latches must be removed and replaced with quick release hood pins. Inner structure hinges and latches may be removed. Doors must be welded shut. Doors, hoods, deck lid may be fabricated with 22-gauge steel only. You can have just alum skins on the front doors only as long as you have a steel plate behind the alum skin. **(front doors must have intrusion plate 1/8" steel or 1/4' alum)** Inner bracing may be removed. The bumper area to truck must remain closed.

Frames: May use tubing for reinforcement and repair of original frame but approval is at the track's discretion. If a section of the stock frame is cut out it must be replaced with a stock piece of frame.

Bumpers; may be reinforced with max 1 1/2 o.d. tubing to protect radiator.

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 along the floor. 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. The 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. Seat brackets must be attached to roll cage in at least 3 locations. The seat cannot be mounted to the floor of car.

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 CELL.** The only alteration allowed is for installation of roll cage. 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 and seat. **BELTS MUST BE IN GOOD CONDITION, NO TEARS OR FRAYING, AND WITHIN DATE 2 YEARS.** Driver will be given one warning to get belts replaced before the next race. If the seat belts are still in bad shape after the warning the car and driver will not be allowed to race until they are replaced. 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. **Decking is permitted, must leave under decking open to see passenger floorboard.**

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. **COMPRESSION RATIO UP TO 200LBS PLUS 10% LEEWAY.** 18lbs of vacuum at idle with engine hot or cold. 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. 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. **COLD AIR INTAKE IS PERMITTED.** The engine must be in stock location. All cylinder heads must be conventional stock heads. Valve job must remain and meet stock factory specifications. 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 after-market 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 MANDATORY, 15-GALLON MAXIMUM. IF FUEL CELL IS USED WITH AN INLINE PUMP, IT MUST NOT EXCEED STOCK PSI FOR MAKE OR MODEL. A FIREWALL MUST BE INSTALLED BETWEEN THE FUEL CELL AND THE DRIVER'S COMPARTMENT. GASOLINE

FUELS ONLY, NO ALCOHOL OR OTHER FUELS ALLOWED. CELL MUST BE SECURELY FASTENED IN THE TRUNK OF CAR TO THE FRAME OF CAGE WITH A MIN OF 1 INCH WIDE BY 1/8 THICK STRAPS. IF FUEL LINES ARE RAN THROUGH INSIDE OF CAR, THEY MUST BE INSIDE METAL CONDUIT.

Drive Train: All drive train components must be in OEM stock location; mounts must be stock or stock replacement. 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. **No alum flywheels.** 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 modifications 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 modifications 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. **When measured front wheel to rear wheel (center to center) they must match side to side with a 1” leeway.**

Tires and Wheels: **DOT STREET TIRES ONLY. 8” MAXIMUM WIDTH. NO SNOW TIRES ALLOWED. STEEL OR ALUMINUM RIMS PERMITTED. 7” MAXIMUM WIDTH. 7” RACING WHEELS PERMITTED WITH 1” LUG NUTS. NO STOCK STEEL WHEELS PERMITTED ON RIGHT SIDE OF CAR. RIGHT FRONT ONLY BEAD LOCK PERMITTED.**

Brakes: All brakes must be present on the car. No in cockpit controllers.

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 controlled suspension” devices or weight jacks WILL BE DISQUALIFIED FROM COMPETITION!

Exhaust: After-market header will be allowed with stock diameter tubes. **Mufflers are mandatory. Muffler must be welded to the header pipe. DO NOT BOLT. If your muffler falls off at any point, you will be black flagged from that race.**

Safety Equipment: An approved racing helmet is REQUIRED. Snell SA-95 or better. **Fire resistant driving uniforms and Fire-resistant gloves and shoes are mandatory.** Aluminum racing seat is REQUIRED, seat must be securely fastened to seat bracket. 5-point racing harness REQUIRED and no older than 3 years. Must have date tag on belts. 5-point harness must be attached to roll cage with ½” bolts, not to the floor.

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 be reinforced with one bar, max 1 ½” diameter to protect the 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 one (1) 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!

Radios: Two-way radios are NOT Permitted. **Race Receivers are MANDATORY! 454.000 you will not race without one.**

Transponders: Transponders are MANDATORY. Transponders are to be mounted on the right-hand side floorboard area. You must cut a hole in the floor, so the transponder has no obstructions to the ground. It is your job to make sure it works and the track has your ID number before hot laps.