

******2021 Econo 4 New Class******

This is a STOCK class designed for STOCK cars. Its purpose is to be economical (cost efficient and a fun division to compete in. This division will be monitored closely to ensure that all vehicles abide by this rule package.

This is a new division and there may be some areas that need to be clarified as it grows. If there is a question about a rule or rule interpretation, ask first, do not assume anything.

Basics

- Cars will remain stock in every aspect unless otherwise stated
- Must be a stock 4-cylinder, front wheel drive car (no vans or trucks allowed)
- Automatic or manual transmissions allowed
- No rotary, turbo, or VVT (variable valve timing) engines allowed. (ie. No Vtec, No Spec V, etc)
- Vehicle must remain completely stock for make and model used
- All glass and flammable material must be removed
- Minimum weight for all cars is 2200 pounds.

Body

- Stock, front wheel drive production cars only
- No all-wheel drive or all wheel steer cars allowed
- Must have quality-built, MINIMUM 4-point roll cage inside car
- Minimum three (3) driver door bars
- Radiators can be braced for support
- No push bars or fabricated bumpers allowed
- Body must be stock for make and model of car used
- Body must maintain original dimensions, standard as from the manufacturer
- Floor pan, trunk pan, front and inner wheel wells must remain stock and in stock location
- No decking allowed
- All body panels must remain (must have trunk lid, hatch, etc)
- Hood must be held shut with a minimum of two hood pins
- Fabricated dashboard allowed
- Doors must remain in stock location and be welded shut in an approved manner
- Fenders and quarters should not be trimmed for tire clearance and must remain stock
- Sun roofs and open roof tops must be covered with steel, no openings should remain exposed

Suspension and Brakes

- All suspension parts must be completely stock for car used
- No cutting or lightening of suspension parts allowed
- All suspension components must remain in STOCK location, no alterations of any kind allowed
- No slotting, heating, bending or any other alterations allowed.
- Springs MAY NOT be heated or shortened to lower car
- Must have stock springs and stock struts
- No adjustable strut bushings or altering of stock location on shocks or struts
- No camber plates allowed
- Functional four-wheel OEM brake system must remain stock with no bias adjusters or shut offs allowed.
- All braking components must remain stock for make and model of car used
- All suspension MUST BE STOCK and mounted in STOCK location

Engine/Transmission/Fuel

- Engine must be completely stock and remain in stock location
- No VTEC, Spec V or any other variable valve timing engines allowed.
- No Cosworth or rotary engines allowed

- No quad-four engines allowed
- No turbo charged or super charged engines allowed
- All engines must be used in the make or car they were manufactured
- Cylinder heads must match engine used
- No aftermarket or high-performance components will be allowed in the engine or drive train
- Stock carburetor or fuel injection system for make and model of car being use
- No oversized injectors or alterations to throttle body allowed
- No grinding or polishing of any engine components allowed
- No advancing of cam timing allowed
- Stock exhaust manifold for make of car being used, NO HEADERS allowed
- No tuning, chipping or alterations to the ECM allowed
- Engine must hit rev limiter at factory specifications for make and model of car used
- Stock production air filter element required. No high performance will be allowed (K&N ok)
- No cold air system allowed
- Cone type must be bolted to intake
- May run stock automatic or manual transmission
- Transmission must match make of car
- Must run stock torque converter for car used
- No locking of differentials allowed
- If stock fuel tank is ahead of rear axle, then it may be used. If stock fuel tank is behind rear axle, then it must be removed and replaced with maximum 8 gallon fuel cell, enclosed in a steel can, mounted securely and centered in the trunk area
- There must be a metal firewall between fuel cell/tank and driver's compartment
- If the car runs an electric fuel pump, then it must be wired to shut off when the car is not running
- No nitrous systems of any kind allowed

Wheels and Tires

- Must run stock steel or aluminum wheels
- No aftermarket or racing type wheels allowed
- No wheel spacers allowed
- Tires must be street legal, DOT stamped tires.
- No racing tires or special-order tires allowed
- Sumter Speedway reserves the right to disallow any tire from use in this division

Buy Rules

- Engine can be claimed for \$1,000 (must finish on the lead lap and directly behind the driver whose engine is being claimed. Only top 5 cars are eligible)
- Computer can be claimed for \$150 (must finish on the lead lap and directly behind the driver whose computer is being claimed. Only top 5 cars are eligible)

Safety

- Safety is a number one priority
- All cars are subject to a pre-race safety inspection before being allowed to compete
- Racing helmet is required
- Minimum single layer fire suit required; gloves and shoes recommended.
- A 4 or 5 point harness, properly mounted per manufacture's specifications is required
- Fire extinguisher required
- Racing type seat required (Full Containment Recommended)
- Head and Neck restraint system strongly recommended
- Use of full containment seat and/or HANS type device will receive a 50lb weight break
- Window nets are mandatory
- Firewall between driver and fuel cell/tank is required