

2019 Pure Stock Rules

This class of cars has been developed to permit those desiring to try stock car racing to do so at an absolute minimum cost.

This is an ABSOLUTE STOCK division all cars will be subject to for approval before racing on the track. ALL GRUNDY COUNTY SPEEDWAY GENERAL RULES APPLY.

*Any 4-cylinder front wheel drive car with a stock unaltered engine and no swap with a stock wheelbase for make and model with a complete stock body, frame and suspension. No bracing anywhere except inside the driver's compartment. NO 4-wheel steer cars. No type R'S, GSR's, SS or SVT allowed. All cars will be subject for approval. **All rules and interpretation are subject to change for the improvement of safety or competition.** If you are found not in compliance with these rules you may be subject to sanctions up to and including disqualification from event. No rear wheel cars of any type.*

ROLL BARS/CAGES:

*A 4pt roll cage with a mount for 5-point harness to is required: No portion of any bar or cage may pass through firewall to hook or stiffen the frame beyond the area of the driver's compartment. If cage is mounted to the floor pan, a well-constructed steel plate should be used at hoop mounting points. DRIVER SIDE DOOR BARS and 1/8" MINIMUM STEEL PLATE will be mandatory. Driver's door must be welded or chained shut. It is your responsibility to construct a cage assembly capable of protecting you from injury. **You may support the front shock tower with one bar forward that shall be attached to a front radiator/front horn/bumper support only to help integrity.** One bar unattached to any part of cage will be allowed to from right to left to secure strut tower (rear only). Only a maximum of two down bars rearward may be used to support the hoop but in no way, form structuring the strut towers. No offset cages.*

TIRES/WHEELS:

Any rim size from 13-15" in diameter. 195 is the maximum tread width for 13-14" rim and 205 is the maximum tread width for a 15" rim. You may use different tread width and series tire for staggering purpose, nothing under 60 series. All wheels must be of exact same rim size. Right Front Only may have an after-market steel racing rim with no offset and a minimum 4-inch back spacing. No wheel spacers. Stock for your model Aluminum rims are allowed. Approved passenger car tires only. Over-sized lug nuts will be mandatory for right side wheels. Fenders may be trimmed or cut out. No homemade, custom made or modified wheels. No modifications to wheel flanges or wheel stud patterns. No racing or autocross type tire allowed, in example Falken Azenis. All tires must have at least a minimum tread rating of 380 and will be subject to approval. Shaving of any tire is allowed if it does not create a safety concern.

FUEL TANK:

If stock tank is ahead of rear axle it may remain in place. If located behind rear axle it must be replaced with a fuel cell or boat tank (maximum 8 gallons). The Tank must be securely fastened to the floor. Tanks must not be mounted within 10" of the rear panel or extend beyond the frame rails. Cells required on wagons. Cars equipped with electric fuel pumps must install a toggle switch clearly marked at the base of the driver's "A" pillar. No fuel lines inside the car. Steel lines must fit tight against bottom of floor pan. Use high pressure fuel hose at ends for final connections. No racing fuel allowed or aftermarket fuel additives. Only 93 octane or lower will be allowed. Stock fuel pressure regulators with no modifications allowed.

BODY:

Complete removal of all interior flammable materials. All glass except windshield removed. Lexan windshield approved. If you have a screen you must have minimum 3 support bars for protection of debris. Air-conditioner compressors, smog pumps, excess wiring and

heaters may be removed but holes in dash must be covered. After-market gauges may be installed. A single plane rear spoiler with a maximum height of 5" is allowed.

SEAT & BELTS:

Seat must be securely fastened to chassis and head area on back of seat must be braced to roll cage. Racing seat allowed. 5-point harness in good condition (maximum 6 years old) is required and must be bolted to floor or cage with plates with min. grade 5 bolts, nuts and washers. Window net required and must be up and latched any time car is on track.

ENGINE:

Complete stock motor-no modifications. An aftermarket air cleaner **MUST BE APPROVED**. Stock intake manifolds with stock untouched throttle body for that motor. Stock compression for the engine model with 6 hits from techs compression gauge or put on the whistler. Any compression infractions over 10lbs on the gauge will be required to add 100lb increments to the required weight adding location which is the passenger seat center floor board. No adjustable timing gears. The ECU can be altered to raise rev limiters no higher than 8500 RPM but not be programmed for fuel mapping; you may also delete any sensor. The maximum HP will not exceed 185HP, no exceptions.

WEIGHT:

Any infractions will be subject to add weight in which will be secured on the passenger seat center floor board or tech discretion. Weight ballasts can be used to modify set-up for cornering.

1.5 & under non v-tec SOHC 2200 lbs 120 hp & less.

1.6 SOHC v-tec must weigh 2350 lbs

1.6 DOHC v-tec must weigh 2450 lbs

1.8, 1.9, 2.0, 2.2 SOHC must weigh at least 2350 lbs

1.8 & 1.9 DOHC must weigh 2425 lbs

2.0 DOHC must weigh 2400 lbs

2.2 DOHC cams must weigh 2425 lbs

2.3 DOHC must weigh 2450 lbs

2.4 DOHC must weigh 2500 lbs

2.0 or greater v-tec must weigh 2600 lbs. (possible v-tec dis-engaged)

TRANS & REAR AXLE:

Stock, un-modified transmission and transaxle as manufactured with all working forward and reverse gears, no light weight clutches or performance flywheels. There must be a panel or inspection hole in the transmission for inspection. No traction devices. **NO LSD TRANS**

BRAKES:

All brakes must work for every wheel. No type of proportioning of any type only stock. No single line per wheel master cylinders or proportioning. Ask if unsure.

BATTERY:

Battery may be relocated from under the hood to behind the driver seat and in front of rear axle but must be secured and battery post must be covered.

EXHAUST:

Stock tubular cheap headers allowed, and **MUST BE APPROVED**. Exhaust must exit behind driver under car. There is a maximum 3 inch inside diameter for the exhaust.

COOLING:

Any stock radiator allowed and approved cheap aluminum racing radiator cost no more than 120\$ MUST BE APPROVED BY TECH OFFICIAL BEFORE USING AT THE RACE TRACK.

Only the use of water for coolant will be allowed with a fan and shroud mandatory. Over-flow container under the hood. NO ANTI FREEZE ALLOWED

BUMPERS:

Front bumpers may be a single bar to a hoop to the front horn only. Which also means core support can be attached and modified to run any stock radiator or approved aluminum radiator.

MISC:

Helmet- Snell SA 2010 or newer is mandatory and is for your own safety. Fire retardant driving suit, eye protection and gloves are mandatory. Head, neck restraints and fire proof shoes highly recommended.

Tow hooks must be on car front and back before racing each night.

No two-way radios or any other cell phones, etc.

One rear view mirror mounted in the center position in the car, ONE LEFT SIDE MIRROR WILL BE ALLOWED.

SPRINGS & SUSPENSION:

Shocks must be OEM or OEM replacement with no adjustments with OEM compression and rebound. No stacked or compressed coils unless OEM for your make. Springs may be any spring that is for your make of car; for example, neon = any neon spring, cavalier = any cavalier spring, integra = any integra/civic spring. Front Springs shall be the same length and diameter size as well as the rear springs shall be the same length and diameter size. Sway bars can be adjustable from underneath car only. There will be a minimum 5.5-inch clearance from the chassis to the ground with nothing lower besides exhaust. This will be **MEASURED FROM LOWER CONTROL ARM MOUNTING bushing with driver in the car. No spherical bushings allowed anywhere on car. 3 Degrees of camber (with a .3 minor rounding number as a factor) is allowed in right front and 1 degree allowed in left front. No other wheel will have any camber for improved cornering. No Progressive springs allowed, which means stock OEM spring rates. Springs will be measured and possibly rated throughout the year. ONE FULL SPRING RUBBER WILL BE ALLOWED per wheel.**

All cars will be given the opportunity to qualify in a tandem 4 car order. Break out time is **19.700 - cars that break out in qualifying will have their time disallowed and will line up last in the heat race and behind the last weeks feature winner. Cars that break out in the heat race will get no points but will be paid start money. Cars that break out in the feature will get a straight 30 points and will be paid start money. Qualifying points will be awarded to the fastest top ten drivers. Times will be monitored by transponder that you will pick up (15\$ rental fee) by the fuel tank.**

Failure to present a car for inspection when requested to do so, or refusal to take steps requested by tech inspectors will be considered an admission of guilt and will be grounds for disqualification