

STREET STOCK RULES

The word "Stock" means unaltered and as originally produced. O.E.M. equipment only unless otherwise noted, subject to track approval. **Unless the rules specifically allow it, it is not allowed.** Auto City Speedway officials reserve the right to adjust rules i.e. weight, spoiler, carburetor etc. as needed for competition and safety.

COMPETING MODELS

1. Standard size American made sedans or coupes (2 or 4 door type)
2. No convertibles, Jeeps, Pickups, or SUV's.
3. Engines and bodies MUST match wheelbase of the model being used. You MUST declare the year, make and model of your body and chassis when registering so officials may inspect your car properly for wheelbase and other factors.

BODIES

- A. Bodies must be stock appearing and complete, including bumpers and sheet metal. Bodies MUST remain stock in appearance; destroyed panels may be replaced with the same type and thickness of material down from the top of the body line, BUT MUST APPEAR STOCK. Fenders may be cut for tire clearance but not to exceed 3".
- B. No loose sheet metal or sharp edges that may harm another car or safety crew member allowed. Cars must appear professional or they will not be allowed to run....period.
- C. Grill may be replaced with wire screen.
- D. Interior must be removed to bare sheet metal. Floor pan must be steel and stock appearing to rear of main hoop. No high interiors.
- E. All doors must be welded shut.
- F. There must be a firewall between driver and the trunk and engine area using 20 gauge steel sheeting
- G. No aluminum body parts except for doors, hood and trunk lid. Fiberglass hoods are OK, but hoods MUST be stock appearing.
- H. No holes in hood unless completely covered with a hood scoop or sheet metal. No forward opening hood scoops allowed.
- I. After market STOCK APPEARING nose pieces may be used. Body styles between same cars are allowed, such as a Monte Carlo nose on a Caprice, etc. NO LATE MODEL TYPE NOSES OR TAIL PIECES ALLOWED...PERIOD.
- J. Rear spoiler allowed with 6" maximum height measured from deck surface. May be up to 72" maximum width but no wider than rear quarter panels. Clear Lexan only. No graphics, no verticals. Max. 18" triangular braces only.

BUMPERS

- A. Bumpers front and rear may be reinforced and **MUST** have two tether chains bolted to the frame. Bumpers must have wrecker loops made with chain on front and rear bumper. Bumper must be 18" min. from ground to center, at least 3" tall with bottom 15" minimum off the ground.

All race cars MUST HAVE chains on the FRONT and REAR of car. ZERO EXCEPTIONS!

BRAKES

- A. Four wheel hydraulic brakes are mandatory. Disc brakes may be used on all 4 wheels with stock type single piston calipers. **No aftermarket pedals or master cylinders allowed.**

CARBURETOR, INTAKE, AND HEADS

- A. 500cfm Holly 2bbl. Part number 4412 with a 1 11/16" max. base only. Stock out of the box. The choke horn may be cut off however. The Holly 4150 HP 650cfm part #80541-1 is the only carburetor allowed on the GM crate motor part number 88958602 with no alterations allowed.
- B. Stock cast iron or Edelbrock aluminum performer intake part numbers **2101, 2116, 2121, 2176, or 2181** can be used, depending on the engine. No cutting, welding, porting or polishing of any kind. Adapter of a 1" maximum may be used. **NO MARINE INTAKES** allowed.
- C. Cast iron **STRAIGHT** plug heads only (except Ford and Mopar stock type cast iron heads). No porting or polishing allowed (of any kind).

CAR NUMBERS

See Section #1, Paragraph #3 of the General Rules!

DRIVE SHAFT

Steel drive shaft only. Must be painted white. A metal strap is to be located in the forward 1/3 of the drive shaft to prevent it from dropping to the track.

ELECTRICAL

- A.** Battery may not be in drivers compartment and must be securely cross strapped, with a min. of two 1" metal straps.
Batteries must be located as far away from fuel cell as car design will allow.
- B.** Ignition will remain stock, 12 volt system.
- C.** After market coils attached to the distributor are allowed. No MSD or magneto style allowed.
- D.** Battery disconnect switch behind driver seat or near front A-pillar is mandatory, within easy reach of safety crews.

ENGINE

- A.** Factory stock type engine and components only except where specified different. 360ci. Maximum with maximum 10.5 to 1 compression ratio only.
- B.** No hydraulic roller or solid roller assemblies allowed.
- C.** No electric fuel pump or pressurized tanks allowed.
- D.** Headers or stock exhaust manifolds only. Step headers are allowed.
- E.** Roller rockers and stud girdles are allowed.
- F.** GM crate motor part #88958602 may be used.
- G.** No shaft type rockers allowed on GM or Ford products.
- H.** Solid lifters OK. Must use stock lifter bore size for make of engine only.
- I.** 1" engine setback maximum, measured at upper ball joint centerline. No tolerance.

CRATE MOTOR RULES

- A.** Crate motor may be bought at any GM dealer. All motors come sealed from and by the factory. No tampering with engine seals will be tolerated.
- B.** Water pumps, distributor, pulleys, and balancer may be changed to meet the driver's needs.
- C.** All repairs or rebuilds must be done by a designated facility of this tracks choice. Only repairs to be done by the owner are those that can be performed without breaking the seals put in place at the factory. Parts must be replaced with OEM parts or the motor will be deemed illegal.
- D.** The track reserves the right to swap motors with any competitor if it deems necessary, to inspect the motor for legality. Both parties will retain ownership of its own motor. If the motor is found to be illegal, the driver and the car will be suspended for a period of 4 race nights and will be responsible for all costs incurred by the track for disassembly and inspection of the motor before the suspension will be lifted. If the motor is found to be legal, the track will incur costs to have the engine inspected.

EXHAUST

- A.** Dual exhaust is permitted
- B.** Mufflers are MANDATORY 100db Maximum
- C.** Exhaust must exit behind the driver. No part of the exhaust system may pass through the driver's compartment.
- D.** 2 1/2" OD max. on all exhaust tubing.
- E.** No late model type mufflers allowed. PERIOD.
- F.** No leaks in the exhaust system allowed.

FIRE SAFETY

See Section # 5, Paragraphs in General Rules - K, L, & Q.

FRAMES

- A.** Stock frames only. (see subsection B)
- B.** Notching frame for fuel pump Is OK
- C.** Custom or after market motor mounts are OK
- D.** Screw jacks are allowed at all 4 wheels.
- E.** Locating points of front lower control arms must be in stock position. Upper control arms may be relocated but NOT adjustable. Readily available aftermarket tubular steel upper control arms may be used, but must be similar in dimensions to stock and be the same left and right. No homemade control arms allowed.
- F.** Rear trailing arms may be relocated but MUST be stock length for year, make and model and not be adjustable.
- G.** Leaf spring cars may relocate attachment points. But these points may not be adjustable.
- H.** Any frame alteration will incur a weight penalty, to be determined by Auto City officials.

FUEL CELL

- A.** Fuel cells are mandatory.
- B.** Cell must be located in the trunk secured by 2 straps side to side and at least 1 front to rear.
- C.** The fuel cell may be no lower than the frame rails. 10" ground clearance minimum.
- D.** No filler tubes allowed.
- E.** Fuel lines may not pass through driver's compartment.

GLASS

- A. All glass must be removed.
- B. Windshield must be replaced with Lexan 1/8" or thicker.
- C. No boxing in of side windows.
- D. If rear window is used, it must be in stock position and be stock appearing. Must be made of 1/8" Lexan.

LIGHTS

- A. All exterior lights and moldings must be removed.

MIRRORS

No mirrors or communication devices allowed.

RADIATOR

- A. Only 1 radiator is permitted.
- B. Must be stock type, and in stock position. Aluminum radiators are OK.
- C. No fill holes may be cut in the hoods.
- D. Must have a 1 gallon catch can for overflow or overflow tube run to right side of windshield. **Coolant Catch Bottles and Transmissions are strongly recommended.**
- E. Radiator protection OK, but it must be behind the grill.
- F. NO ANTIFREEZE. Minimum 2 week suspension if caught.
- G. 3" x 24" air dam is permitted.

REAR ENDS

- A. Must be stock, no quick changes allowed. Floater-type rear is allowed and recommended.
- B. Gear ratio is optional.
- C. Posi-traction, locked, or welded rear ends OK
- D. 9" ford is OK; however it must be all cast iron and steel.
- E. No aluminum components allowed.

ROLL CAGE

- A.** 4 point roll cage is mandatory with 1 3/4" OD by .95" wall tubing.
- B.** Minimum of 3 door bars
- C.** Door plate is mandatory
- D.** Front and rear hoops highly recommended.
- E.** Roll bars must be padded around the drivers head.
- F.** An approved window net with a quick release is mandatory.
- G.** 1/8" x 18" x 36" steel floor plate under driver is highly recommended.

SUSPENSION

- A.** Must remain stock with a min. 4" ride height measured at frame rail with driver in seat.
- B.** Howe center links allowed.
- C.** Stock spindles are MANDATORY
- D.** One stock type shock per wheel, and in stock position. Note: If screw jacks are used on the front wheels, the front shocks may be relocated for clearance.
- E.** A maximum tread width of 73" will be permitted. Tread width will be measured from the left outside tread row to the right outside tread row at the bottom rear area of tires.
- F.** NO RACK AND PINION STEERING ALLOWED.
- G.** Slider boxes will be allowed.

TEAR DOWN RULES

- A.** Officials reserve the right to tear down any car for inspection and rules compliance.
- B.** Failure to comply with officials request will be cause for loss of points and money for that nights events and a 2 race minimum suspension.
- C.** Only the car owner, driver, and 1 mechanic are allowed in the inspection area.
- D.** A car found to be illegal shall forfeit all points and monies earned in that event.
- E.** All decisions made by the officials are final.
- F.** Any driver finishing on the lead lap may have a driver torn down for \$500 cash, and THE SURRENDER OF PROTESTER'S VEHICLE FOR INSPECTION, AND TEAR DOWN PRIOR TO THE TEAR DOWN PAID FOR. If the motor is found legal, the money goes to the claimed driver. If the motor is found to be illegal, the driver will be disqualified and the money will go to the protester.

TIRES AND WHEELS

- A. Hoosier 970
- B. Mounted on 7" or 8" steel wheels only.
- C. NO SOAKING OF ANY KIND. If caught, min. of 2 week suspension.
- D. NO ALTERING TREAD FACE OF TIRE IN ANYWAY.

TRANSMISSION

- A. Automatic transmission ONLY. Must have 10" converter and working reverse gear.
- B. Dip stick tube and the top of the transmission must be vented into one catch can mounted on the front firewall.
- C. Transmission cooler is allowed in the engine compartment only.
- D. NO DIRECT DRIVES PERIOD.

WEIGHT RULES

All weight measurements are performed with the driver in the car and fully suited up for racing AFTER THE EVENT.

Race cars that enter the Tech garage and are placed on the scales for official weighing, "WILL NOT" be allowed to be touched by their driver or crew members during car inspection. After car rolls off the scales, the driver will remove himself from car and all non weight influenced measurements will be done at that time.

2012 Weights: Stock Frame: ZERO FRAME MODIFICATION 3150lbs 55% left- 50% rear.
ANY FRAME MODIFICATION 3200lbs SAME
Camero, Firebirds: ZERO FRAME MODIFICATION 3200lbs 54% left 50% rear
Camero, Firebirds: ANY FRAME MODIFICATION 3250lbs SAME

* All added weight must be painted white and securely mounted. Weight may not be mounted below the main frame rails.

GENERAL RULING

All participants are subject to inspection at ANYTIME during an event. Auto City reserves the right to change, alter, modify or remove any rule to level the field of competition.

Auto City Speedway - 2012 Official Rule Book
STREET STOCK RULES
Promotor/Owner-Joe DeWitte-248-505-7001
Head Tech Dave Duprey 810-459-1806