

# STREET STOCK CAR RULES

## DESCRIPTION OF CAR

North American cars only with a minimum wheel base of 108". Camaros, Firebirds, Mustangs MUST use a stock 6-cylinder engine. Rear wheel drive only.

## WEIGHTS

Full steel min: 3100 Lbs.

Fiberglass min: 3250 Lbs.

Late Model min: 3300 Lbs.

Extreme Build min: 3300 Lbs.

## BODY

- 1) Gutting allowed with all hole covered or filled Tunneling and Stock floor removal permitted. However, it must be made of metal, with a sealed firewall and floor for driver's compartment.
- 2) May use mirrors (factory preferred) one side mount and one center mount
- 3) All doors must be welded or bolted shut. Anti intrusion pates recommend for driver's door bars.
- 4) Trunk and hood must be secured with hood pins and large diameter washers, all stock latching must be removed,
- 5) Front inner fenders may be removed. Radiusing and flaring allowed only for tire fitment. Rolled under not out no sharp edges.
- 6) Body mounts may be removed.
- 7) All body panels must be stock in appearance, min 22ga sheet steel, missing body panels must be replaced by next race weekend
- 8) If bumpers are used, they must be strapped to metal body or frame securely with min. 1/8" thick 2" wide steel strapping. Late model A/M nose and tail pieces are allowed
- 9) All side and rear windows must be removed. Window net on driver's side window opening. Trucks must have rear window of Lexan to isolate fuel tank from driver. Unless tonneau cover is used
- 10) Windshields optional: All cars must have full or 1/2 sized Lexan windshield front of the driver. No Plexiglass allowed. Must have a vertical bar in centre of windshield to deflect hood upwards in case of accident. Must be min 1/8" thick 1" wide steel. Stock windshield at tech crews' discretion. .
- 11) A steel body may run over any chassis of same make. No distortion of body is permitted to fit chassis. Only movement of wheel openings to fit wheel base of chassis being used.
- 12) Cars must run Min 108" wheelbase. Frames over 108" may only be shortened in the straight middle section to achieve 108" wheel base. Wheel base of all vehicles must be within 1" variation from right to left side.
- 13) Must retain stock sills, cowlings and door post. Tunnel cars if firewall is not stock floor and firewall must be sheeted with min 18g steel.
- 14) Cowl Style Hoods and air cleaner rear open hoods scoops allowed

## ROLL CAGE

- 1) Minimum four-point cage must be installed. Made of Min. 1 15/32 OD 0.95 wall steel pipe. No exhaust pipe or galvanized pipe allowed.

The driver's door must be reinforced with 4 steel bars extending into the driver's door and 2 door bars on the right side. Top bar to be no more than 4" below top of doo. Must have at least 2 rows of vertical bars between driver's door bars. 1 vertical bar between passenger door bars

- 2) Posts must be welded to the frame or to min. 16" (4"x4") 3/16 steel plates fastened throughout the floor with 4 1/2" grade 8 bolts with matched size steel plate on either side of floor
- 3) Gusseting is recommended
- 4) Front hoop allowed. Not protruding outside body or past frame rails. Bars must be tied into frame ahead of firewall. No bars to be tied in through firewall.

- 5) Full Rear Hoop allows fuel protection only. Must not extend forward of the middle of rear axle
- 6) All bars that may come in contact with drivers must have approved padding.
- 7) Roll bars or supports cannot extend past the middle of rear axle or firewall.
- 8) Side rub rails allowed. The top edge of the rub rail must be no higher than the top of the tires and no lower than hub center height. Rub rails must be made of round tubing, maximum 1 3/4" OD and must be maximum of 2" from inside of rail to body. One single rub rail allowed per side of car. Ends of rail must not be exposed to outside of car. Or they must be cut and capped at 45degree angle (to prevent hooking) and mounted with minimum 3/8" carriage bolts with one bolt in center of bar and one at each end not mounted through to roll cage
- 9) Subframe connectors may be used on unibody cars
- 10) Foot bar by driver's feet recommended
- 11) Anti intrusion plates recommended
- 12) All cars must have a safety approved aluminum racing seat mounted securely to the roll cage. Must be securely attached to the roll cage from the lower left door bar to a bar in the center of the vehicle. Must be bolted down with min. of 4 5/16 bolts on bottom, and 2 5/16 bolts across the top below the shoulder belt opening. All seats must have headrests
- 13) Seatbelts to be no older than 10 years, 5-point harness. Must meet SFI SPEC 16.1
- 14) Hans Device highly recommended

## **SUSPENSION**

- 1) Racing springs allowed (must fit in stock pockets). Lowering blocks allowed in rear leaf spring vehicles
- 2) Weight jacks allowed but car must be minimum 6" from lowest part of frame to ground, between wheels, with driver in car. Measured at bottom of door sill for unibody cars with min. 4.25" at subframe at drivers' feet.
- 3) Front sway bar end link may be adjustable on one side (i.e. Redi-rod may be used). Rear sway bars allowed (factory only).
- 4) All others suspension parts must remain stock (from factory).
- 5) No racing shocks.
- 6) Right front wheel may be cambered. Longer upper control arm mounting bolts allowed.
- 7) Posi and welded rear ends are allowed. Mini spools are allowed.
- 8) Rear disc brakes conversions allowed.

## **ENGINE & TRANSMISSION**

- 1) Engine must be stock with no performance parts except camshaft.
- 2) NO V8's with fuel injection, stock LS with stock computer and stock injection permitted /3 bolt throttle bodies
- 3) Any hydraulic, flat tappet cam with a maximum .500" valve lift allowed.no custom ground or roller cams
- 4) Soft touch rev limiter boxes allowed required for crated 6200 chip optional for open motors
- 5) Flat top pistons with four valve reliefs or dished pistons only. No popups.
- 6) Double bump head allowed
- 7) No aftermarket high rise intake manifolds allowed. Aluminum dual plane no single plane or tunnel rams
- 8) Rochester & Holley 2bbl 500cfm carbs allowed or stock
- 9) Any stock transmission (make to make).
- 10) Beehive Valve Springs allowed
- 11) Torque converter must be oem fluid filled

- 12) Fords and Dodge permitted to run 602 rate or LS and gm trans
- 13) No alteration to frame for exhaust and manifold clearance
- 14) Max engine size of 367 CID is .60 & .30 for LS
- 15) Exhaust to be max 3" OD No crossovers or H Pipes shoenfield headers permitted
- 16) Vortec Heads allowed, OE gm ford , dodge head only no AM no world products heads . Must have OE cast #
- 17) NO stroking or de stroking
- 18) Must have a working forward and reverse gears
- 19) must use stock flywheel clutch and torque con, for make
- 20) A/M Transmission coolers allowed rubber hoses must be no longer than 6" ,double clamped
- 21) Engine must be mounted in stock location
- 22) HEI distributor allowed
- 23) No modifications to heads IE port, polished, milling, no marine heads
- 24) Roller and 1.6 ratio rockers permitted under.500 lift
- 25) Stock 5.3L and 4.8L LS engines allowed with 500cfm carbs and MSD 6014 coil control box
- 26) No aluminum blocks
- 27) No Mixing and Matching parts
- 28) No 6.0L parts allowed
- 29) If cam shaft is required for AFM DOD delete it must be from van or truck
- 30) LS3 valve springs allowed
- 31) A/M timing covering to install a ford distributor instead of MSD box
- 32) ALL LS parts must be truck or van based, no Camaro or corvette parts
- 33) Port Matching Allowed

### **Electrical System**

- 1) Battery must be securely fastened to the roll cage and completely isolated from the driver.
- 2) If mounted in interior, battery must be either in plastic boat box or metal box and secured with steel hold downs. With covered and must have plastic or rubber over terminals
- 3) All switches must be clearly labeled and be located where the safety personal and driver while strapped in can easily be reached
- 4) Alternators must be used and working items not specifically covered in the rules are to remain stock
- 5) Night switch recommended

### **TIRES & WHEELS**

- 1) Maximum 8" wide rims. No aluminum rims allowed. Aftermarket rim is mandatory on
- 2) right front. Maximum 2" offset rims.
- 3) Tires For Class are Hoosiers or American Racers P25 or Good year short track

### **SAFETY**

- 1) If factory glass windshield or screen used, driver must wear either approved eye protection or a helmet with full face shield.
- 2) Must have a five-point harness and head support.
- 3) Batteries must be securely mounted in driver's compartment and covered with rubber.
- 4) All cars must have a working fire extinguisher within easy reach of driver when belted in. No plastic mounts

- 5) All cars must have a driver's window net.
- 6) Stock fuel tanks must be removed. An outboard boat tank or better must be mounted in the trunk at least 12" away from exterior. Above hump over rear housing okay. Fuel cell recommended.
- 7) Trunk area must be sealed from driver's compartment.
- 8) NO Transmission , or fuel lines in the drivers compartment
- 9) fuel Injected LS engines require the usage of High Pressure Fuel Lines