

# **281 Speedway - Smiley's Street Stock - Car Rules**

## 1. CHASSIS

Street type 1960 model or newer American made passenger car. Camero, Firebird and Nova cars ALLOWED. Minimum wheelbase 107.5 inches. Front and rear frame sections on unibody cars may be tied together, but must be in original position on the floorpan and retain the basic appearance and design. The chassis, including the front suspension may not be altered in length or width.

## 2. BODY

All body chrome, glass, plastic, and interior must be removed. Stock spoilers allowed. All doors and trunk must be welded or bolted. Body must have front and rear firewall of at least 20 gauge metal. Bottom, front and rear must be fully sealed with no openings. Body must be stock O.E.M. appearing length and width, hood, deck lid, and full front fenders. Fender wells may be trimmed to an approximate height of 18" from the center of the axle. Stock appearing rubber or plastic nose pieces allowed.

## 3. WEIGHT

Minimum weight of 3200 pounds with driver, after race, at Track scale. Any added weight must be securely bolted or mounted and painted white with car number on it.

## 4. SUSPENSION

Front suspension must be A-frame type. Must have O.E.M. hubs. Right front may be safety, truck or heavy duty. Front and rear suspension must remain stock type and in their original location, except front shocks. Aftermarket springs and shocks are allowed. Weight jacks, rear sliders or lowering blocks are allowed. No independent rear suspension or torque arms allowed.

## 5. STEERING

Stock steering box must be in original stock location. Steering wheel may be moved by U-joint, chain and sprockets or aftermarket steering reduction box. No center steering. Steering wheel and driver must be on left side of drive shaft hump. No modification of hump allowed. No rear seat drivers.

## 6. BUMPERS

Front and rear bumpers no larger than 2" O.D. pipe. Front bumper must be at least width of frame and may not extend beyond the outside of frame horn. Stock bumpers are optional. All bumpers must be in original location. Bumper uprights may be 12" maximum height. Front bumper may not extend forward more than a maximum of 42" in front of the lower ball joints. Rear bumper may wrap around the side of the car, but it may not extend beyond the outside of the rear tires. No single bar bumpers are allowed. Nerf bars optional. If used, must be between the wheels and must be single tube only, within 2" of body, no sharp edges.

## 7. ENGINE

- a. Any automotive engine originally produced by an American manufacturer for passenger car use not to exceed 8 cylinders and not to exceed one intake and one exhaust valve per cylinder. Make optional, must be same manufacturer as frame. Iron blocks only. No bowtie blocks.
- b. Maximum displacement to include clearance and wear is: GM 362 CID., FORD 362 CID., and CHRYSLER 366 CID. All others must not exceed 362 CID. No pop-up pistons.
- c. Cast iron heads only. 23° only, no raised ports, no angle plug heads allowed.
- d. No porting, polishing or port matching of intake, heads or block permitted. No grinding or polishing in the valve bowl area permitted. Heads may be surfaced.
- e. O.E.M. crankshaft. Steel, stock appearing connecting rods. Stock length rods & stroke only.
- f. No roller cams, gear drives, mushroom or roller lifters, or overhead cams allowed.
- g. Carburetor: one two-barrel or four-barrel.
- h. Only aftermarket aluminum intakes allowed are: Weiand GM #7547-1; Ford #7515, #8023 or #7516; Chrysler #7545; Edelbrock GM #2701, #2716; Ford #7121, #7181, #7183; Chrysler #2915. No porting,

polishing or milling allowed on any intake. Exception is OEM cast iron plenum webbing may be removed, maximum one inch down.

- i. Battery type ignition, no magnetos allowed.
- j. No fuel injection, super or turbo chargers, nitrous oxide, or water injection. No electric or injector type fuel pumps.
- k. No dry sump or external oil pumps allowed.
- l. Engine must be located so that the center of the #1 spark plug hole is within one (1) inch of the centerline of the front upper ball joint.

8. TRANSMISSION

Automatic or standard O.E.M. transmission with all working gears. Automatic must have a minimum 11" working torque converter. Standard must have a working clutch, 10.5" minimum clutch face, single disc only. No multi-disc clutch and no aluminum clutch parts. Cars must have self-starter and a working forward, neutral and reverse gear with engine running. Explosion proof steel bell housing and scatter shield is required on all transmissions. No direct drive.

9. RADIATOR

Must be centered in front of engine in a vertical position. Stock or metal fan shroud is mandatory. Electric fans are allowed.

10. EXHAUST SYSTEM

Headers or stock exhaust manifolds. Mufflers are required, maximum 95 dB at trackside.

11. REAR END

Rear end may be locked by welding spider gears, spool or mini spool only. GM or Ford 9" allowed in stock location. No grand national or quick change style allowed. Floaters allowed.

12. BRAKES

Must have minimum of two (2) wheel brakes working; three (3) or four (4) wheel brakes recommended.

13. ROLL CAGE

Steel roll cage mandatory. Minimum of 1 ½" O.D. x 0.120" wall tubing required. 1 ¾" O.D. requires a 0.095" wall thickness. Front and rear roll bars must be connected at top. Top bars must be at least 2" above drivers head. At least three (3) side door bars running from the front upright to the rear upright in each door are mandatory. Proper bracing and triangulation is required.

14. WHEELS

Steel wheels only. One (1) valve stem per wheel. No bleed-off valves. Bead lock allowed on right rear only. All wheels must have a minimum of five (5) 1" lug nuts. Reinforcing of wheels allowed. No dual, magnesium, or aluminum wheels allowed.

15. TIRES

Maximum 11" sectional width tires. Street type passenger car tire with DOT numbers. Asphalt Pull Offs, Hoosier 500, IMCA Pull offs. No off-road, mud, snow, or knobbies allowed. Screwing of tires to wheels is permitted. Tire softening is not allowed.

16. FUEL & FUEL TANK

Gasoline only. Racing fuel is allowed. Racing fuel cell required, 28 gallon maximum. Tank must be mounted in trunk area and not visible from exterior. Mounted no lower than center of axle housing. No pressure tanks allowed on fuel systems. Fuel lines running through driver's compartment must be protected by rubber tubing. No cast iron fittings. Only fuel type hose may be used for fuel line. Steel braided recommended. The fuel container must be secured and have a one way safety valve in vent line.