

# Pure Stock Class Rules 2019

## 1. Engine

- A. Engine must have stock cast iron block, heads and exhaust manifolds, Only (Stock, O.M.E. intake manifold, Cast Iron or Aluminum. No stroker, no de-stroker, 370 CID.**
- B. Hydraulic flat tappet cams and stock lifters. (No anti pump ups, no Rhodes lifters or mushroom type.)**
- C. No roller cams allowed. Maximum of .470 lift at intake and exhaust valve.**
- D. Front engine, rear wheel drive mandatory.**
- E. Maximum compression ratio 9.3:1**
- F. Combustion chamber volume must be at least 72 cubic centimeters. Maximum 1.94 intake valves.**
- G. No porting or bowl work allowed. Flattop pistons only.**
- H. One (2-v) two-barrel unaltered carburetor, O.E.M. type, 500-c.f.m. Flow maximum. Non-original carburetor for manufacturer is allowed; 4412 Holley carburetors optional. 1 inch spacer/adaptor maximum.**
- I. No Four-barrel carburetors.**
- J. Optional tubular nonadjustable upper control arms are allowed.**
- K. All cars subject to inspection at any time, and may require the removal of all illegal components.**

## 2. Transmission and driveline

- A. Factory transmissions only.**
- B. Factory torque converter must be functional.**
- C. May change rear axle ratio, but must not be higher numerically than 4.11:1.**
- D. Rear suspension must remain unchanged from stock.**
- E. Open rear ends only. No limited slip. No shimming allowed.**

## 3. Body and suspension

- A. Front hoop is allowed for safety.**
- B. Minimum 107.5 in. wheelbase.**

**C. Steel-bodied cars only; no convertibles, T-tops, or sunroofs allowed.**

**D. Entire body must remain factory stock appearance and materials; no after-market fenders, hoods, doors, bumpers, clips, etc. allowed. After-market nose is allowed**

**E. Doors may be skinned to allow fitting roll cage**

**F. Front inner fenders may be removed if not required by suspension.**

**G. Uni-body cars may use sub frame connector to tie front and rear suspensions.**

**H. Suspension, steering, and brakes must be original equipment.**

**I. Replacement parts made to O.E.M. specifications are allowed.**

**J. Alignment changes are allowed as long as components are not modified.**

**K. No updates, backdates, options, etc. are allowed; the car must appear mechanically and cosmetically as it did coming out of the factory.**

**L. Fender openings may be trimmed for tire clearance.**

**M. Car weight with driver minimum 3,200 pounds. No ballast permitted.**

#### **4. Tires and wheels**

**A. DOT radials or IMCA Hoosier G60 Tire.**

**B. No retreads. Tread must remain original; no grooving, sipping, or snow tires are allowed. Tread width measured across top of tire must not exceed 8-inches if DOT.**

**C. Tread-wear rating must be plainly visible on the outside of the tire, and must be greater than 250, also subject to minimum durometer reading.**

**D. Tires must not protrude beyond body.**

**E. White spoke-type steel wheels or reinforced-center stock steel wheels are permitted.**

**F. Brakes must be functional on all four wheels and no after-market proportioning valve**

**G. All four wheels must be of the same size.**