

2018 4-CYLINDER PONY STOCK RWD

Double file re-starts for the 2018 season

RaceCeiver Required, NO other radios or communication equipment or mirrors allowed at any time.

Five (5) race minimum during season to compete in Championship Race

BODY:

- A. This class is for stock cars that have a uni-body with a full stock floor pan and steel body.
- B. Any car that has an aluminum body or body parts is allowed. Down force nose pieces, add 50 lbs weight penalty. Weight has to be added in front of the Bell Housing . This penalty may increase at any time.
- C. NO tube cars.
- D. 6" Max. Rear spoilers allowed.
- E. Maximum wheelbase is 101 inches (+ - 1-inch)
Minimum wheelbase is 92 inches (+ - 1-inch).
- F. Wheelbase must match body.
- G. Front-wheel drives Tech Approved OK
- H. NO rear engine cars.
- I. NO independent rear suspensions.
- J. NO rotary engines.
- K. Interior body panels and dash may be removed.
- L. All plastic, glass, emblems, etc. must be removed.
- M. Front and rear bumper covers allowed, covers must be made of rubber or flexible plastic material.
- N. Stock type bumpers only.
- O. NO skid plates, bars, and pipes anywhere on race car.

SUSPENSION:

- A. Screw jack permitted.
- B. NO coil over. NO Adjustable Shocks. No Schrader Valve Shock.

C. Spring Adjusters on Struts on Toyota Permitted

D. Differential may be locked.

FUEL:

A. Gas or E85 Flex Fuel permitted

B. Racing fuel allowed.

C. Fuel cell may be relocated to trunk area.

Must have adequate firewall between the driver and fuel cell.

ENGINE:

A. Engine must be in stock location.

B. Inline 4 cyl. Engines only.

C. All engines must have flat top pistons, any engine with dome pistons will NOT be legal for this class. (unless standard from manufacturer)

D. Maximum Bore & Stroke (This is std. Bore + 0.060)

GM 2.5 Bore-4.060 Stroke -3.000 must weigh 2500lbs.

Ford 2000cc Bore-3.635 Stroke -3.029 must weigh 2200lbs.

Ford 2300cc Bore-3.841 Stroke -3.126 must weigh 2300lbs.

Toyota 20R Bore-3.544 Stroke -3.504 must weigh 2250lbs.

Toyota 22R Bore-3.682 Stroke -3.504 must weigh 2450lbs.

Full Containment Seat 25lb Weight Break

Plumed In Fire Extinguisher System 25lb Weight Break

Any engine not listed consult Tech Inspector

E. NO porting or polishing of head or intake.

F. Multi - angle valve job allowed.

G. Single valve springs only.

- H. Adjustable cam pulley. May use a multi key way cam pulley.**
- I. Headers permitted, muffler 25 lb weight break.**
- J. Any hydraulic lift cam allowed for the GM 2.5 and Ford 2300cc**
- K. No hydraulic rollers in any engine or solid lift cams in the 2300 Ford allowed.**
- L. Ford 2000cc & Toyota 20R & 22R solid lift cams allowed,
Ford 2000cc & Toyota 20R & 22R may use any lift cam.**
- M. NO Roller cams of any kind.**

N. Maximum Valve Size

GM 2.5	INTAKE 1.720 EXH. 1.500
Ford 2000cc	INTAKE 1.654 EXH. 1.417
Ford 2300cc	INTAKE 1.740 EXH. 1.500
Toyota 20R	INTAKE 1.693 EXH. 1.379
Toyota 22R	INTAKE 1.752 EXH. 1.437
Toyota 2TC and 3TC	INTAKE 1.620 EXH. 1.420

Any engine not listed consult Tech Inspector

- O. Stock distributor only.**
- P. Aftermarket water pump and crank pulley allowed.**
- Q. Stock intake manifold only.**
- R. May use one carburetor spacer or adapter 1 inch total thickness + .040 tolerance
No part of spacer or adapter may enter intake plenum, and two standard gaskets (maximum 0.080 inch thick), one gasket between intake to spacer or adapter and one gasket between spacer or adapter to carburetor.**
- S. Carburetor any Motorcraft or 500 Holley Max.**
- T. NO fuel injection.**
- U. NO Aluminum 2000 or 2300 Ford heads.**

TRANSMISSION & CLUTCH and FLYWHEEL:

- A. Stock OEM type transmission only and must have working forward and reverse gears.**
- B. Must have stock type clutch and pressure plate.**
- C. NO racing clutches, ram couplers, or direct drives.**
- D. Stock steel flywheel only, flywheel must weigh a minimum of 16 lbs.**

TIRES & WHEELS:

- A. Steel wheels only (max. 10" width)**
- B. Street tires, DOT street tread tires Permitted, Maximum (10) inch tread 75lb Weight Break.**
- C. Racing tires max width 10" must punch 48 hardness.**
- D. Bead-locks permitted.**

PUSH BARS:

- A. Push bars front and rear permitted.**
- B. Front push bar must stay behind front bumper.**
- C. Rear Push bar may be attached to rear bumper.**

WEIGHT:

TOTAL LIMIT AMOUNT WEIGHT BREAK FOR ALL SAFETY AND EXHAUST IS 50 LBS MAX

- A. This is base weight not counting any penalties**

GM 2.5 must weigh 2500 lbs.

Ford 2000cc must weigh 2200 lbs.

Ford 2300cc must weigh 2300 lbs.

Toyota 20R must weigh 2250 lbs.

Toyota 22R must weigh 2450 lbs.

Toyota 2TC and 3TC MIN. 2200 lbs.

Any engine not listed consult Tech Inspector

- B. One pound per lap burn off after race.**
- C. All weight must be bolted on.**
- D. Track reserves the right to adjust weights in interest of competition should it deem necessary.**

SAFETY:

- A. All cars must have 3” inch seat belts with shoulder harness, and attached to roll cage. And must be worn at ALL times while on Race Track**
- B. We strongly recommend that all cars have an approved fire extinguisher system, securely mounted, within easy reach of the driver.**
- C. A 5 lb. Halon System is recommended.**
- D. All drivers must wear a complete fire suit.**

PROTEST RULE:

\$200.00 to pull head, check head, intake, carburetor and bore & stroke.

\$150.00 to pull transmission and check clutch and weigh flywheel.

\$50.00 to check muffler.

We will allow .008 thousandths on the Valves and the bore and stroke.

Any questions: Call Fort Payne Motor Speedway at:

(256) 623- RACE (7223)

Or Tim (256) 393-6847, Marvin (706) 346-3385

Track reserves the right to delete, change, or amend rules in the interest of competition.

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