

## **2012 DIXIE 4-CYLINDER PONY RWD**

**We have made every effort to provide rules that will be clear and precise, should there be any confusion in your interpretation, ASK!! IGNORANCE IS NOT AN EXCUSE! If a specific issue is not addressed in these rules, the official's decision is final. Any modifications not addressed in these rules will not be allowed unless approved by the Tech Inspector.**

**Race Ceiver Required, No other radios or communication equipment or mirrors allowed at any time.**

### ***BODY:***

- A.** This class is for stock cars that have a unibody with a full stock floor pan and stock steel body.
- B.** Any car that has a aluminum or steel home made body or body parts will take a 50 lb. weight penalty. 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.** No front-wheel drives.
- 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.** All exterior body panels and hood must be stock.
- N.** Front and rear bumper covers allowed, covers must be made of rubber or flexible plastic material.
- O.** Stock type bumpers only.
- P.** No tube bumpers of any kind.
- Q.** No skid plates, bars, and pipes anywhere on racecar.

### ***SUSPENSION:***

- A.** Screw jack permitted.
- B.** No coil overs.
- C.** Differential may be locked.

### ***FUEL:***

- A.** Gas only
- 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.
- 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 2050lbs.  
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.  
Any engine not listed consult Tech Inspector
- E.** No porting or polishing of head or intake. Stock intake manifold only.
- F.** Multi - angle valve job allowed must be machine cuts only.
- G.** Unshrouding valves allowed.
- H.** No hand grinding in bowl area under valve seat or combustion chamber.
- I.** Single valve springs only. ( No Beehive Springs )
- J.** Must use head bolts. (No studs & nuts)

- K. No adjustable cam pulley, may use a multi keyway cam pulley.
- L. Headers permitted must have muffler.
- M. Any hydraulic lift cam allowed for the GM 2.5 and ford 2300cc.
- N. No cheater hydraulics or modified lifters or modified rocker arms.
- O. No hydraulic rollers in any engine or solid lift cams in the 2300 ford allowed .
- P. Ford 2000cc & Toyota 20R & 22R solid lift cams allowed, Ford 2000cc & Toyota 20R & 22R may use any lift cam.
- Q. Ford 2300 strapped cam towers permitted with a 50lb. weight penalty.
- R. No roller cams of any kind.
- S. 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

 Any engine not listed consult Tech Inspector
- T. Stock distributor only, No MSD or Ignition booster of any kind.
- U. Aftermarket water pump and crank pulley allowed.
- V. May use one carburetor spacer or adapter 1 inch total thickness + .030 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.
- W. Carburetor any Motorcraft or 350 Holley Max.
- X. No 500 cfm holleys.
- Y. No fuel injection.
- Z. 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.
- E. No scalloped flywheels.

***MUFFLER REQUIRED:***

- A. Must have muffler to compete.
- B. Any commercially manufactured muffler permitted.
- C. No home made mufflers.

***TIRES & WHEELS:***

- A. Steel wheels only (max. 8" width)
- B. Street tires only, DOT street tread tires only, Maximum nine (9) inch tread width.
- C. No kind of racing tires with D.O.T. stamp, must be (D.O.T. street tread tires only).
- D. Bead locks permitted.
- E. No recaps.

***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:***

- A. This is base weight not counting any penalty's
 

GM 2.5	must weigh 2500 lbs.
Ford 2000cc	must weigh 2050 lbs.
Ford 2300cc	must weigh 2300 lbs.
Toyota 20R	must weigh 2250 lbs.
Toyota 22R	must weigh 2450 lbs.

 Any engine not listed consult Tech Inspector  
 Minimum weight for pony car is 2050lbs.

- 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 must be attached to roll cage.
- 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:***

\$300.00 to pull head, check head, intake, carburetor and bore & stroke. *(2 valves will be pulled)*

\$200.00 to pull transmission and check clutch and weigh flywheel.

\$50.00 to check muffler.

**NOTE:** THE 8 RULE / we will allow .008 thousandths on the Valves and the bore and stroke.

***PONY***

1<sup>st</sup> place finisher of the pony race must start in the rear the following week. (Dead Last). This will not apply to championships therefore the 1<sup>st</sup> place finishers of race prior to championship will be handicapped the week after the championship.

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