



# Factory Stock Rules

*Strictly an economy-based class*

## DISCLAIMER

This publication supersedes all previous Blythe Speedway rules and rule updates. All competitors, pit crew members and car owners must agree to and sign a code of conduct insuring good sportsmanship amongst other competitors, teams, and car owners. If at any time code of conduct rules have not been followed, promoter and/or race director may disqualify any team, crew member, car owner, and/or family member involved with any specific race team.

Blythe Speedway reserves the right to alter or amend the rules and regulations in the interest of safety, cost control, and/or fair competition. It is the responsibility of each competitor to read and understand the contents of these rules. If there is a disagreement or dispute regarding the meaning or application of these rules, the decision of the Blythe Speedway Race Director shall prevail.

No expressed or implied warranty of safety shall result from publications of or compliance with these rules and/or regulations. The rules and/or regulations set forth herein are designed to provide for the orderly conduct of Blythe Speedway racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules.

No pretense is made for having designed a foolproof set of rules and regulations. The spirit and intent of the rules is the standard by which Blythe Speedway events will be governed. The Blythe Speedway Race Director is authorized to decide if an equipment change or modification is an attempt to circumvent these rules. The Blythe Speedway Race Director can and will disqualify a race car in violation of the spirit and intent of these rules. If this rulebook does not specifically state that you can alter, change, or otherwise modify something on your car, you should consider it a violation of these rules. No part is deemed to have been approved by Blythe Speedway by passing through prior technical inspections.

The Race Director shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in his opinion do not alter the minimum acceptable requirements. No expressed or implied warranty of safety shall result from such alteration of specifications.

Any interruption or deviation of these rules is left to the discretion of the Race Director. His/her decision is final.

These rules are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or official. All participants, guest and crew members fully understand that racing is inherently dangerous and that they are exposed to risks of death or serious bodily injury. The participants, guest and crew members voluntarily assume these risks.

# SPECIFIC CAR RULES

## 1. **COMPETING MODELS – ELIGIBILITY**

- A. Any 1975 or newer sedan or station wagon. No convertibles, pick-ups or jeeps.
- B. Minimum stock wheelbase allowed 108".
- C. No Camaros, Firebirds, Mustangs, or similar type cars.
- D. Strictly an economy based class, no performance modifications of any type will be allowed.
- E. All installations must be tech approved. Blythe Speedway reserves the right to refuse any car constructed within the spirit of the rules.
- F. All casting numbers and part numbers must remain intact and unaltered.

## 2. **BODIES**

- A. Complete bumper-to-bumper steel body must be retained.
- B. The stock floor pan, fire walls, trunk, trunk floor, and rear wheel wells must remain intact. Must maintain stock radiator core support.
- C. Car must be strictly stock. No cutting, chopping, channeling or shortening allowed.
- D. No holes in hood. Hood must be kept in place at all times (minimum 2 hood pins or fasteners are **MANDATORY**).
- E. Body sheet metal must be kept in place at all times. Fenders cannot be trimmed.
- F. All lights, trim and upholstery must be removed. Racing seat is required.
- G. All doors must be welded, chained or bolted shut.
- H. Inner panel of driver door may be removed to allow proper installation of roll bars. This rule applies only when adding more than one door bar.
- I. Inner panel of passenger door may NOT be removed.
- J. No gutting of body parts including hood, door, lid, etc. Dash can be removed and replaced with dash bar.
- K. No gaps allowed at bottom of doors and at doors and firewalls.

## 3. **FRAMES**

- A. Stock frames only. No modifications. No alterations of any type allowed.
- B. Minimum clearance of 6" is required, measured under any frame rail, with driver in car ready for competition. **NO EXCEPTION!**
- C. No alterations, customizing, or reinforcing of the chassis, other than the roll cage.
- D. Roll cage must attach securely and safely to frame. Rear kicker may be attached to frame for safety purposes only, and must be covered. May **NOT** extend out of driver's compartment.
- E. Foot well bar on driver side **ONLY**.
- F. Windshield bar from halo to dash bar **RECOMMENDED**.

#### 4. **SUSPENSION**

- A. No modifying of suspension allowed.
- B. Suspension parts must remain absolutely stock for that make and model of car – Absolutely no cutting for clearance.
- C. Ride height of 6” rule will be strictly enforced. Measured from lowest point of frame rail, with driver.
- D. Maximum camber allowances right front – 5.5 degrees.
- E. Maximum camber allowances left front – 4 degrees.
- F. No stock mount racing shocks. No racing shocks painted to hide brand.
- G. Stock replacements shocks only.
- H. Stock coil of leaf springs only.

#### 5. **STEERING COMPONENTS**

- A. Stock steering only. No after market parts designed to lower, widen, correct bump steer, or geometry.
- B. No Steering quickeners allowed.

#### 6. **ENGINES**

- A. Engines must remain stock for make, model, and year of car being used. All engines are subject to tech approval.
- B. Engine blocks must be a V-8 type or V-6 type and be stock factory production.
- C. OEM manifolds recommended, aluminum manifolds allowed with Blythe Speedway tech approval.
- D. All internal engine parts must remain OEM specifications as to size, shape, weight and finish. **NO EXCEPTIONS!!!**
- E. Any procedure associated with a common rebuild will be allowed. (Must be approved by Race Director)
- F. Engine and transmission mounts must remain stock.
- G. **HEADS:**
  - 1. Cylinder heads must be “stock factory productions”.
  - 2. Valve must be stock factory production specifications. No dual valve springs.
  - 3. All rockers maximum 1.50 stamped steel only. No long slot rockers, no roller rockers or roller tip rockers, no stud girdles allowed.

#### 7. **ENGINE COOLING SYSTEM**

- A. Stock fans only.
- B. Electric fans are allowed.
- C. Water overflow catch can unit required.
- D. No anti-freeze or other coolant in radiators. Water only.

#### 8. **ENGINE EXHAUST SYSTEM**

- A. No headers allowed.
- B. No performance or racing mufflers of any type.
- C. Exhaust must extend behind driver.
- D. Maximum exhaust size 2 ½”.
- E. Stock cast iron exhaust manifolds only.
- F. 95 DBA at 100 ft.

## 9. DRIVE TRAIN

- A. Automatic transmissions only.
- B. All parts to remain stock.
- C. Automatic transmissions must have functional torque converter.

## 10. BRAKES

- A. Stock four-wheel brakes required in good working order.
- B. All brakes must function.
- C. No inline adjusters allowed.

## 11. TIRES AND WHEELS

- A. Tire sizes allowed will be no smaller than 60 series; EX. 235/60/R15.
- B. DOT passenger car radial street tires only. No recaps or DOT racing tires.
- C. 15" or 16" diameter steel wheels only. All 4 wheels must be the same diameter width and offset.
- D. 8" wide wheels maximum.
- E. Tires must remain completely inside of bodylines.
- F. No bleeder valves permitted.
- G. ½" minimum wheel studs. Minimum 1" lug nuts **MANDATORY**.
- H. Wheels may be reinforced.
- I. No mag wheels or special wheels allowed. No rally wheels.
- J. Steel stock type wheels only. No aluminum, magnesium or similar type wheels allowed.

## 12. ELECTRICAL SYSTEM

- A. For safety, battery may be located behind the driver and securely fastened and sealed in minimum 18- gauge leak proof steel box. Plastic boxes not permitted. Lid must be removable without tools.
- B. **MANDATORY** master switch to be located on driver post door. Car will not run with switch in OFF position.
- C. All cars must have a battery.
- D. All cars will have starters in good working order with switches clearly marked, and accessible to the driver while strapped in, as well as from outside the car. All cars must be able to start on their own power to maintain their starting position. All cars must be turned off during introduction. If the car does not start on its own power, it will be pushed to start and given the opportunity to take one lap and return to the starting line. If the car fails to start on its own power a second time, it will be push-started and will then lose its starting position and will start at the rear of the starting field. Exception, alternate car will be allowed to run Trophy Dash if car can not start under its own power.
- E. Stock ignition only. No MSD type aftermarket performance parts allowed, including but not limited to, coil, module, cap, rotor, etc.

## 13. FUEL SYSTEM

- A. Gas tank must be located over the rear end or inside the trunk area. It can NOT be under the trunk floor by the back bumper.
- B. No gaps or holes allowed in rear firewall.

#### 14. CARBURETOR

- A. No dual line double pumpers.
- B. One 2 bbl. Or one 4bbl. Carburetor only for make and year. Stock electric fuel pump and stock fuel injection permitted, for make and year. Safety fuel pump cutoff switch must be working on fuel injected cars.
- C. Two throttle return springs MANDATORY on all carburetors, mounted on engine.
- D. Dry paper filters only. Top and bottom to be same diameter, no flow diverters of any type allowed.
- E. No modifications allowed to any carburetor or fuel injection system allowed.
- F. No controlled vacuum leaks allowed.

#### 15. FUEL

- A. Pump Gas only. No fuel additives allowed.

#### 16. CHASSIS AND ROLL BARS

- A. Driver's protection bars must remain within the driver's area. At no time may they pass through the firewall, nor forward or rearward bars may protrude from the roll cage. Minimum of one 1 3/4" roll bar. .090 wall over driver head and back of seat with a cross bar and one each side door bars, going forward. This roll bar configuration is the minimum you can run.
- B. A NASCAR legal, 6-point roll cage is OK. 1 3/4" .090 wall gusset as necessary for strength.
- C. Roll bars must be padded at any point a driver may come in contact. Driver door must be padded.

#### 17. SEATS AND SAFETY EQUIPMENT

- A. For all safety equipment. It will be the sole responsibility of the driver, not Blythe Speedway, their agents/officials or corporate officers to ensure that his/her safety equipment is correctly installed, maintained, and properly used. Please refer to manufacturer installation on usage guidelines and adhere to them.
- B. Aluminum professionally built high back racing seat is REQUIRED. No plastic, etc.
- C. Seat must be securely bolted to roll cage
- D. A three-(3) point safety harness, with quick release is **MANDATORY!** 3" wide lap belt, 2" or 3" shoulder belts. All belts shall be attached to roll cage using minimum 3/8 grade 8 hardware and safety cables.
- E. Cotton harness components prohibited.
- F. Safety harnesses/seat belts may be no more than (3) years old. If necessary proof of purchase may be required.
- G. Safety helmet must meet Snell 2005 testing standards, bear proper identification, and have no signs of previous damage. Motorcycle helmets permitted with Nomax head sock. Head and neck restraint systems recommended. Neck collar or donut required.
- H. Window net **MANDATORY!** Minimum 1" mesh with release at top only.
- I. Approved racing shoes, gloves and uniform are **MANDATORY.**
- J. Eye protection is **MANDATORY** and must be in proper place at all times.
- K. Current test date (2-pound minimum) fire extinguisher to be installed in the car within the drivers reach while strapped in. Steel mounts only, no plastic.
- L. Car and driver will be required to make safety rule violations comply PRIOR to racing any event.

**18. BUMPERS**

- A. Stock only.
- B. No hidden reinforcement or nerf bars allowed.

**19. WEIGHTS**

- A. All ballast weight must be securely mounted with minimum ½” bolts and have car number painted on them. Any loss of ballast weight onto the track will result in a fine of \$10.00 per pound

**20. WINDOWS**

- A. Stock windshields permitted or a minimum of 1/8” thick Lexan windshield covering windshield opening.
- B. Mesh screens are permitted.
- C. Back window and all other glass must be removed.
- D. All mirrors subject to tech approval.

**21. APPEARANCE AND IDENTIFICATION**

- A. All cars will display a 1 or 2-digit number.
- B. Numbers will be a minimum of 18” on the roof and both door panels. Numbers on the roof are to face toward scoring tower (flag stand). No aluminum foil lettering.
- C. No duplication of numbers, additional letters such as “X”, “Y” and “N” are not to be used.
- D. Advertising that is deemed to be unsuitable/offensive, will not be allowed. Decision of Blythe Speedway Race Director will be official.

**22. COMMUNICATION**

- A. The use of a two-way radio for communication with spotter to driver is **MANDATORY**. Spotter must be on spotter stand with proper identification.
- B. RACEceiver at Blythe Speedway are **MANDATORY** (either driver or spotter).

**23. ELECTRONICS**

- A. No transmitting or listening devices.
- B. No electronic monitoring computer devices capable of storing or transmitting information except tachometer.
- C. No digital gauges, timing retard controls or oxygen sensors allowed.
- D. No electronic traction control devices allowed.

**24. RACE PROGRAM**

- A. Points will go to all driver-car combinations. A car championship for the season will be determined by points.
- B. Factory Stocks will race for trophies.
- C. Driver must attend the driver’s meetings.