



**Natural Bridge Speedway**  
*Official 2016 Rules*  
*All-American*

[www.nbspeedway.com](http://www.nbspeedway.com)  
540-451-2943

**Rulebook Disclaimer**

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of 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 EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS.** They 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.

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/her opinion do not alter the minimum acceptable requirements. **NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS.** Any interpretation or deviation is left to the discretion of the officials. Their decision is final.

### **Body and Body Modifications**

- Body and motor must be same manufacturer's line.
- Competing models allowed – Passenger cars and light trucks (trucks no larger than ½ ton), 1970 or newer. No convertibles. Must be built from ex-road vehicles, not previous race cars.
- After market bodies must be stock dimensions, NO Aluminum, steel only
- After market front A-arm allowed, must be stock length with stock ball joint.
- All glass removed except windshield.
- All light bulbs, lenses, etc. removed.
- All chrome removed.
- All doors must be welded or bolted closed.
- Trunk bolted welded or chained shut.
- After market body.
- Secure hood with chain.
- Fiberglass stock appearing hoods.
- Rear spoiler is limited to 5 inches in height. Side supports okay – limited to 5 inches in height.
- Car numbers must be displayed on roof and doors

### **Weight**

- All cars must weigh a minimum of 3,400 pounds (with the driver) after the race.

### **Chassis, Suspension, and Frame**

- Frames must be completely stock.
- A full roll cage is recommended. Bars allowed to pass through the front and back firewall.
- A 1 ¾" roll cage bar above the driver's seat is mandatory. It must bolt to the roof with no less than two 7/16" bolts. This is the minimum requirement. You may install within the driver cockpit the roll cage you feel appropriate.
- Engine must remain in stock location.

- A hoop in front of the radiator is okay.
- Two supports may be mounted from top rear of roll cage to frame in front of rear axle.
- All suspension must remain stock. No modifications permitted. Aftermarket springs allowed.

#### **Fuel, Fuel Cell, and Fuel Pumps:**

- Fuel tank must remain in stock locations.
- A NASCAR or NHRA approved fuel cell is optional. Fuel cells must be location in the trunk area, centered in the car.
- Trucks are required to have a fuel cell located in the center of the bed. Original truck gas tank removed from the factory location.
- Natural Bridge Speedway racing fuel is optional. If participating in points, you must purchase speedway fuel. No additives permitted. Natural Bridge Speedway has the right to withdraw the gas and refill with speedway gas.

#### **Brakes**

- Brakes must be original equipment for car makes and model used. No crossbreeding of parts.

#### **Tires and Wheels**

- No mud grip tires.
- Front tires must be the same size tire and rear tires must be the same size tires. However front and rear axles may run different sizes.
- Must run a 7" – 8" steel wheel.
- Wheels offset must match in front and rear. Ex: 4" in front, 5" in rear or 5" in front, 4" in rear. Not right side, left side.

#### **Transmissions and Components**

- Automatic transmissions only.
- Transmission must be completely stock.
- No power-glide transmissions.

#### **Rear End**

- No crossbreeding rear-ends
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- No Positive tractions
- Lowest gear ratio allowed is 3.73.
- No welded spider gears or positive traction units.
- Racing shocks permitted, but no canister or double adjusting shocks allowed.

### **Engine Specifications**

#### **Approved Engines:**

- a. Engine and transmission must match body manufacturer.
- b. Engine must be completely stock. All-American engines found to be illegal can be confiscated by Natural Bridge Speedway.
- c. Absolutely no hi-performance parts allowed.

#### **Chevy Heads:**

- Stock cast iron heads. Factory produced with no less than 72cc combustion chambers and no larger than 1.94/1.50 valves.
- No Vortec unless vehicle was equipped with these heads from factory.
- Aftermarket steel valve covers allowed.
- Polylocks, screw in studs, and guide plates are permitted.
- All casting numbers must be visible.

#### **Camshaft and Lifters:**

- Camshaft must be a minimum of 14 inches. Steady vacuum at hot idle.
- Vacuum port must be easily accessible for inspector.

#### **Radiator:**

- Factory cooling systems only.
- No aftermarket parts allowed.
- Radiator must be in front of engine.
- Aluminum radiator and pulleys allowed.

#### **Carburetor and Intake:**

- Carburetor, intake, and exhaust manifold must be stock.

Timing and Distributors:

- Batter may be relocated. It must be in a marine box and be anchored to floor pan.

Headers and Mufflers:

- Mufflers are required, no exceptions.
- Schoenfield #609 muffler is required and optional #8535 muffler.
- Exhaust pipes may exit car in front of the rear wheels
- Dual exhaust okay.
- Mufflers must be installed so that part number is visible.
- Headers are allowed