



## 2022 Birch Run Speedway Street Stock Rules

NOTE: BIRCH RUN SPEEDWAY DOES NOT EXPRESS OR IMPLY ANY WARRANTY OF SAFETY RESULTING FROM THE PUBLICATION OF, OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS.

THESE RULES ARE INTENDED AS A GUIDE TO CONDUCT OF THIS SPORT AND ARE NOT IN ANY WAY A GUARANTEE AGAINST INJURY OR DEATH TO ANY PARTICIPANT, SPECTATOR, OR OFFICIAL. THE ABSENCE OF A PARTICULAR RULE DOES NOT NECESSARILY MEAN ITS APPROVAL.

ANY INFRACTIONS OF THE RULES MAY RESULT IN A WEIGHT PENALTY (FOR THAT EVENT) OR NOT BEING ABLE TO COMPETE ENTIRELY. ALL IDENTIFIED RULE INFRACTIONS MUST BE RESOLVED PRIOR TO FOLLOWING EVENT (NO ON-GOING WEIGHT PENALTY SUBSTITUTE)

Please Note: It is the driver's responsibility to look over and/or upgrade all personal safety equipment. It is highly recommended that all safety equipment meets the SNELL 2015 rating and be SFI/1 approved. It is the driver's responsibility to read through these rules thoroughly and understand them. You will see that these rules are almost exactly the same rules as the Michiana State Line Racing Association rules, with variations allowed for leaf spring cars.

### 1. Base Weight:

A. The minimum weight before qualifying or any race is 3100 pounds including the driver, 57% left side weight.

### 2. Tires/Wheels:

A. Hoosier F70 Series only.

B. Tires must be powdered inside with baby powder.

C. No softening, soaking, conditioning, siping, or grooving of tires.

a. SOAKING OF TIRES IS STRICTLY ENFORCED. (This rule applies to ALL tires in the pits, on the car, in the trailer or hauler, ALL tires). Tires may be checked at any time.

i. First soaking violation results in a 4-week suspension and a \$500 Fine. Loss of points to date for season.

ii. Second soaking violation results in a season long suspension and a \$1000 fine. Loss of points to date for season.

**Methodology for testing tires is as follows:** Tire will be collected after feature event. Tire will be cleaned at inspection area by clean abrasive tool. Tire surface will be heated with an electric heat gun to the temp of 200\* Farenheit. If upon inspection from that point, tire durometers at a range of 49 or less, or is out of the spectrum of the norm of the parameter, the tire will be confiscated and sent for laboratory testing. Winnings and points will be frozen upon failed inspection period. Winnings will be awarded upon cleared inspection from laboratory. If the tire tests above 49 winnings will be paid immediately and points awarded (provided all other tech inspections pass for event) All tires sold at birch run speedway are to be powdered prior to mounting.

D. Steel 8" safety wheels and 1" lug nuts are required.

### 3. Frame:

A. The minimum wheelbase is 105" rear wheel drive, stock OEM frames only. No fabricated chassis of any kind.

B. Minimum frame height off the ground will be 4" which can be checked before qualifying or ANY race.

C. Stock OEM style gearbox. NO rack and pinion steering components.

D. Treadwidth will be 78" measured at spindle centerline.

E. Frame must be stock OEM originating type to rear axle centerline.

### 4. Shocks and Suspension:

A. NO bump stops of any kind.

B. Rear trailing arms can be OEM or manufactured. Adjustable heims are permissible, however, the frame mounts and the end mounts will remain stock and in the stock location. All trailing arm lengths must be within 1" of stock trailing arm for that car.

C. All remaining suspension parts will remain stock and in the stock location and be mounted in the stock angle with the exception of the front shocks which can be mounted outboard.

D. Rear springs and shocks must be stock appearing and in stock location.

E. Heims end are allowed only on shock ends, rear trailing arms and in place of front tie rod ends.

F. Stock style sway bars, in stock location, in stock mounts to frame. Threaded adjustments on the A-frame are permissible.

G. Rear and/or front load bolts (screw jacks) are permissible.

H. Aftermarket tubular upper A-frames are allowed.

I. A-frames will have stock style ball joints.

Revision date 11/10/2021. Always check for the latest rules on [www.birchrunracing.com](http://www.birchrunracing.com) Questions may be submitted to [jeffparish@birchrunracing.com](mailto:jeffparish@birchrunracing.com)



- J. Upper A-frame mounts may be modified within 1" of stock location.
- K. All shocks will be steel and NON-ADJUSTABLE.
- L. NO canister shocks of any kind.
- M. NO schrader valves of any kind.
- N. NO coil binding.
- O. All shocks will be nationally advertised shock and will not exceed a list price of \$145 per shock.
- P. NO three link suspension.

## 5. Engines/Drive Train:

- A. Engines must be stock appearing, all cast iron block and heads in stock location.
- B. Cast iron or aluminum intake manifold, cast iron exhaust manifolds or headers are allowed.
- C. 3" maximum exhaust tubing.
- D. The carburetor will be a box stock 4412 2 barrel carburetor with a maximum 1" store bought adapter/spacer. If you run a gauge legal 4412, you may run at 100 lb reduced weight of 3000lbs. You must have your base weight written on the upper right hand portion of your windshield. OR. A holley or quadrajet type 4 barrel is allowed. Car must weigh minimum of 3100lbs with 4bbl option.
- E. HEI style ignition only, NO MSD style. EXCEPTION: MSD8362-167 is Allowed.
- F. OEM automatic or standard transmission, inexpensive racing transmissions are allowed ie burt, brinn, falcon.. If racing transmission other than powerglide or th350/400 **ADD 50lbs. Richmond, TEX or other high dollar transmissions designed to shift on restart are not allowed AT ALL.**
- G. Stock style OEM rear ends only, **four link or leaf spring** suspension only. A 9" Ford is permissible with a four link mount.
- H. NO quick change rear ends or aluminum rear end components of any kind.

## 6. Brakes:

- A. Aftermarket brake pedals and master cylinders are allowed.
- B. Aftermarket brake calipers are allowed.

## 7. Cockpit:

- A. The full floorboard and front firewall may remain stock or be fabricated.
- B. If a fabricated foot box is utilized, it must have sides and bottom that are a minimum thickness of 1/8" steel. No thin gauge sheet metal foot boxes will be allowed.
- C. The passenger side sheet metal/floorboard will remain low, next to the driver going over to the right side frame rail.
- D. An aftermarket throttle pedal is highly recommended.
- E. NO in cockpit adjustments of any kind, except brake bias adjuster.
- F. All pedals will be in a relatively stock location and the driver will be seated in a relatively stock location.

## 8. Fuel Cell:

- A. Fuel cells are mandatory with an 8" minimum ground clearance.
- B. A fuel cell guard behind the cell with two braces is required.
- C. Any plating of the frame around the fuel cell is permissible.
- D. A plate guard in front of the fuel cell is suggested.
- E. An Oberg style fuel checkvalve in the fuel line is suggested.

## 9. Body

- A. All cars or trucks must be stock, production car or truck body based.
- B. All nose and tail pieces will be mounted in a stock fashion. The same thing goes for the material joining the fenders to the nose piece.
- C. A 1981 aftermarket Camaro nose piece can be run on a full stock Camaro. A stock appearing truck nose on a truck.
- D. Exception: Camaro Gen 2 All cars with stock appearing bodies will be allowed 5"X60" flat spoiler centered with NO lip. Spoiler must be made of clear material.
- E. All truck bodies require a back window, a flat tonneau cover up to the top of the bed and have a minimum rake on the bed.
- F. NO spoilers of any kind on a truck or ABC (Template) body.
- G. All Street stocks will retain windshield posts which will be steel or fiberglass.
- H. NO wrap around windshields of any kind.
- I. NO stretching the pillars to achieve more roof or windshield angles. Roof and windshield are to remain close to OEM measurements.
- J. Install the bodies level and to original look.
- K. Weight penalties or the no spoiler policy may be assessed for bodies built outside of the stock appearing rules, as deemed by officials. It is permissible to be semi-creative with a street stock body, however, the front, the rear, the roof and windshield angles must be relatively close to matching that car body.
- L. NO mixing or matching of car bodies from front to rear.
- M. Rear quarter panels must remain relatively close to that of stock body measurements.
- N. NO cars will have any extra rake built into their bodies from front to rear.
- O. No body panels or nose piece will be lower than 4" off the ground, measured with the driver in the car.
- P. Rub rails are allowed with NO sharp edges, and smooth fasteners must be used.
- Q. A lexan windshield is mandatory.
- R. NO rear window (except required on truck bodies) or front side window panels.
- S. Opera windows are permissible.
- T. We recommend three bars in your windshield as an additional safety measure.
- U. **ABC Template bodies will be permitted with approval of track officials. Add 100 Pounds**