

Birch Run Speedway
Pro Late Model Division 2018 Official Rules

1. Safety

Birch Run Speedway safety rules follow standards set forth by the SFI Foundation, Inc.

- A. Helmet must be 2010 Snell standard or better and have sticker visible for inspection. Full-face helmets required.
- B. A capable form of head & neck restraint must be used. A strap-type neck restraint is mandatory (No Neck Collars).
- C. Approved seat belts and double shoulder harness are required, no older than two (2) years. A crotch strap is required.
- D. SFI approved, clean, full driving suit, approved gloves and shoes for fire protection are mandatory.
- E. Driver's window must be equipped with safety net with quick release-latch. String window nets are not permitted. The minimum net size must be 22" wide and 16" high. When latched, the window net must fit and pull tight.
- F. Resilient padding designed for roll bar use must be installed on any roll cage member which can be reached by any extremity of the driver while driver is normally seated with restraints fastened. Steering wheel must be padded.
- G. All lead weights must be painted white, with the car number painted on each individual piece. All lead weights must be securely fastened. No Tungsten or similar weight allowed.
- H. All competing teams must possess a working fire extinguisher while in attendance in pits.
- I. A main electrical cut-off switch needs to be clearly marked and easily accessible to safety crews.
- J. A working Fire Suppression system or driver accessible fire extinguisher (minimum 5 lb.) is required.
- K. All cars must have an OBERG, SRI or other approved Vacuum Style fuel shut off placed at the point the fuel exits the cell.
- L. Working fuel cell flapper valve is required.
- M. Fuel cap must be tethered.
- N. Hood and trunk (deck lids) may only be secured with pins.
- O. Seats must be an aluminum high back racing seat. Right and left head restraints are required.
- P. RaceCeivers are required to be used at all times car is on-track.
- Q. Mirrors are allowed. Mirrors may not extend beyond the confinements of the driver's compartment. Radios are not permitted.

2. Battery

- A. Only one battery is allowed.
- B. The battery must be securely mounted outside of the driver's compartment.

3. Brakes

- A. Four-wheel hydraulic brakes are required and must be in good working condition.
- B. Brake Floaters are not permitted.

4. Engine

- A. Cast iron engines only; 360 cubic inch maximum displacement.
- B. Dry sumps are not permitted.
- C. Cast iron heads only.
- D. Roller camshafts and lifters are not permitted. Roller rocker arms are allowed.
- E. Compression ratio must not exceed 12:5 to 5.
- F. No cutting or welding of intake.
- G. Stock Holley 4412 two barrel carburetor is required. Removal of choke horn is allowed. XP carbs are not permitted.
- H. A 1" thick adaptor plate with a maximum bore of 1.687" is allowed.
- I. Battery operated ignition system only may be used. Ignition box must be out of drivers reach.
- J. The forward most spark plug must be within 4" of the centerline of the adjacent ball-joint, on all frames.
- K. The centerline of the crankshaft must have no less than 10" of clearance to the ground.
- L. All cars must have a working starter.

5. Exhaust

- A. Exhaust must be completely sealed and must exit the car behind the driver. No part of the exhaust may pass through the driver's compartment.
- B. Mufflers are required. Maximum noise level is 100 decibels.

6. Frame

- A. Frame must be completely fabricated of a minimum of 2"x3", 0.095" wall thickness tubing or have a stock front sub-assembly.
- B. Minimum frame ride height is 3". Ride height is to be measured with driver in car.

7. Fuel Cell

- A. All cars must have a fuel cell securely mounted in the trunk area of the car.
- B. Fuel cell must have a minimum ground clearance of 8".
- C. Fuel lines may not pass through the driver's compartment.
- D. Electric fuel pumps are not permitted.
- E. A firewall must separate the trunk and driver's compartment.
- F. Only pump gasoline is allowed. No fuel additives are permitted.
- G. Rear fuel cell hoop is required.

8. Radiator

- A. Only 1 radiator is permitted.
- B. Radiator must vent into catch-can or mount overflow tube at center of windshield in clear view of officials.
- C. Anti-freeze is not permitted.

9. Roll Cage

- A. All cars must have a six (6) point roll-cage made of DOM seamless tubing, minimum 1-3/4" O.D., with a minimum 0.095 wall thickness.
- B. Roll cages shall be gusseted and braced front and rear. Minimum of 4 door bars on driver side. Minimum 2 door bars on passenger side.
- C. 1/8" steel door plate, 24"x24" on the driver side and 12"x18" kick plate are required.

10. Suspension

- A. Only one (1) shock per wheel is allowed.
- B. Remote reservoirs are not permitted.
- C. Canister shocks of any type are not permitted.
- D. Double external adjustable shocks are not permitted in any form.
- E. Shocks must be only mechanical in nature and no part of suspension or shocks may utilize electricity.
- F. Electronic or hydraulic traction control devices are not permitted.
- G. Hydraulic trailing arms are not permitted.
- H. Only one (1) spring-loaded rear suspension device is allowed.
- I. Only cast iron or steel spindles are acceptable. Aluminum spindles are not permitted.
- J. Driver actuated weight jacking devices are not permitted.
- K. No driver adjustable devices, except brake bias, are allowed.

11. Tires

- A. Only Hoosier D800 Series tires are allowed.
- B. Use of tire softening or altering agents is not permitted.
- C. Recapped tires are not permitted.

12. Transmission

- A. Must have a minimum of two (2) working forward gears. Must have one (1) reverse gear.
- B. Drive shaft must be painted white.
- C. Front and rear drive shaft hoops made of steel are required. Chains are not permitted.
- D. No "C-Clip" rear-ends permitted.

13. Wheels

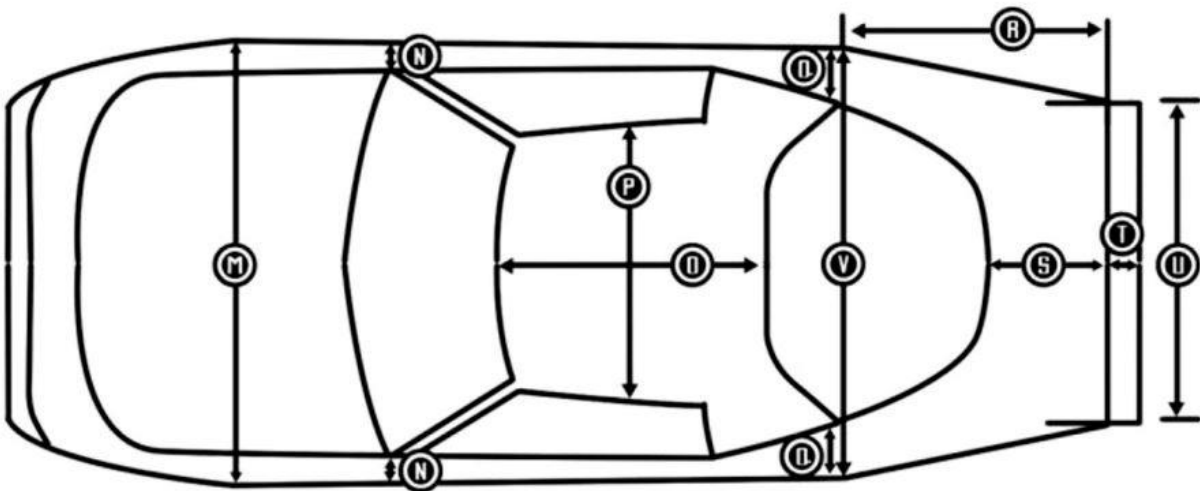
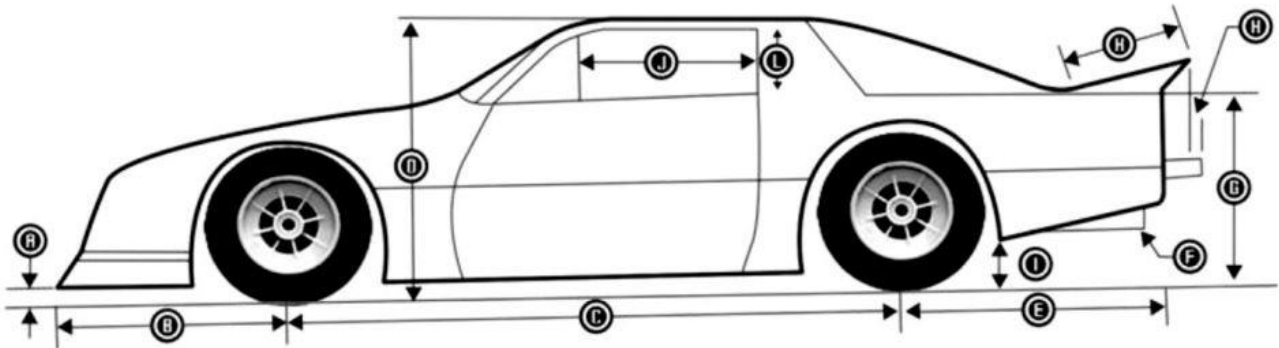
- A. Steel, made for racing wheels only.
- B. Maximum wheel width is 8".
- C. Wheel studs must be 5/8" minimum with five (5), 1" hex lug nuts.

14. Weight

- A. Outlaw body cars must maintain a minimum base (total) weight of 2800 lbs. with driver in car.
- B. Template body cars must maintain a minimum base (total) weight of 2700 lbs. with driver in car.
- C. Maximum left side weight is 58%
- D. Maximum rear weight is 50%
- E. Only lead may be used for ballast. Lead must be anchored with a minimum of two (2) ½" diameter bolts.
- F. All weight (lead only) must be painted white with car number painted in contrasting color on all sides of lead.

15. Body

- A. Minimum nose clearance 3".
- B. Center of front hub to front spoiler/nose piece 45".
- C. Wheel base 101" minimum.
- D. Minimum roof height 45".
- E. Center of rear hub to back of rear quarter panel 46" maximum.
- F. Fuel Cell height 8" minimum.
- G. Maximum height of back of rear quarter panel 37".
- H. See rule "16-J" (body attributes).
- I. Rear quarter panel ground clearance behind tires 6" minimum.
- J. Minimum width of side window openings 22".
- K. Minimum roof width 45".
- L. Minimum height of side window openings 14".
- M. Body width 80" maximum.
- N. Front fender top width 4".
- O. Roof length 38" minimum.
- P. Roof width 45" maximum.
- Q. Rear fender top width 9".
- R. Measurement from back of "C" pillar to rear quarter panel must be 52" maximum.
- S. Rear window to spoiler base 28" maximum.
- T. Horizontal extension of spoiler from body 8" maximum.
- U. Rear deck and spoiler width 72" maximum.
- V. Tread width 80" maximum.
- W. Top of spoiler to ground 42" maximum.



16. Body Attributes

Note: Template body must meet ABC specifications

- A. Bodies must be neat in appearance and symmetrical on each side panel.
- B. A white 6" tall number must be applied on the upper passenger (right) side corner of windshield.
- C. Body must be made of Sheet Steel, Aluminum, or Fiberglass "specifically" outlined for aftermarket racing use.
- D. Carbon-fiber may only be used for roof and air-box.
- E. All cars must have only steel or aluminum interior.
- F. Aluminum or fiberglass is not permitted to be used as floor pan.
- G. "Coffin / dirt car" type interiors are not permitted.
- H. "Angled or wedge" type body, "shovel nose / true nose" are not permitted.
- I. Rear quarter panel width (72" maximum), must gradually taper from body width at tires to the width at the rear spoiler. Straight quarters with an abrupt kick-in, just before the rear spoiler, are not permitted.
- J. Rear spoiler may not extend beyond bumper. Maximum spoiler height of 8" includes side curl. Spoiler must be centered. Clear Lexan only is allowed. Triangular spoiler braces are not permitted. Three (3) tubular braces may not exceed 18" in length and may not extend beyond top of spoiler.
- K. The body ledge is 4" maximum, measured between front & rear window posts. C-Pillar may taper in 9" maximum from edge of body at a point 52" forward of the base of the rear spoiler. Concave panels are not permitted. C-Pillar must be at 30 degree angle minimum.
- L. Driver must be separated from engine, fuel cell and oil systems by metal firewall.
- M. Louvers, springs, holes or hinges in deck lid or rear panel are not permitted. Deck lid must be solid & flat. Deck lid must be fastened and secured with pins.
- N. Aero-Devices within quarter panels are not permitted.
- O. Front windshield and rear window are mandatory and must be 1/8" minimum thickness Lexan only. Concaved or radical type windows are not permitted. Round type rear window must make a uniform, continuous radius. Offset teardrop windows are not permitted. Multiple radius rear windows are not permitted. Windows must remain flat in center.
- P. Rear bumper must be as wide as quarter panels and extend at least 3" back. Rear bumper must be 12" maximum from ground to bottom of bumper.
- Q. Only rub rails mounted securely to the body using carriage bolts, with ends of rails rounded and welded shut are allowed. "Kick-outs" are not permitted.
- R. Back panel must be a minimum of 14" measured vertically, perpendicular to the ground. No louvers, holes, etc.

Contacts

Birch Run Speedway
10945 Dixie Highway
Birch Run, Michigan 48415
Office: 989-624-9778
Email: info@birchrunmispdway.com
Web: birchrunmispdway.com

Motor City Racing Promotions
PO Box 70162
Rochester Hills, Michigan 48307
Phone: 586-201-0378
Email: official@motorcityracing.co
Web: motorcityracing.co