

2019 BIRCH RUN SPEEDWAY

STREET STOCK INVITATIONAL RULES

A. SAFETY

1. Helmet must be 2010 Snell standards or better and have sticker visible for inspection. Full-face helmets mandatory with shield.
2. A capable form of head & neck restraint must be used. Neck collars are ok. Head & neck restraints such as, Hans, Impact, Simpson type are highly recommended, but not mandatory.
3. A 5 point SFI approved safety harness is mandatory, must not be more than two (2) years old.
4. Drivers must have a clean and neat appearing SFI approved, full driving suit, approved gloves and shoes for fire protection.
5. Drivers side window must have an SFI approved window net with a clearly marked quick release. NO STRING/MESH nets are permitted. Minimum size must be 22" wide and 16" high, when latched the window net must fit and pull tight.
6. Roll bar padding must be installed around the drivers area where their helmet, hands, arm or legs might come into contact with the roll bar tubing. Resilient fire retardant type is highly recommended. Steering wheel must be padded.
7. All weight must be lead, NO TITANIUM OR OTHER EXOTIC METAL ALLOWED! All weight must be painted white and have car number painted on each piece of weight.
8. All team must have a working fire extinguisher in their pit area at all times, you must have at least two (2) jack stands under your car if you are going to be under it, no exceptions!
9. All cars must have a master disconnect switch within reach of the driver and safety crew and it must be clearly marked.
10. All car must have a fully charged ABC type fire extinguisher (5lb minimum) within reach of the driver while they are strapped in. An onboard fire suppression system is highly recommend.
11. All cars must have an OBERG, SRI or other approved vacuum style fuel shut off placed at the point the fuel exits the cell. Working fuel cell flapper valve is required, fuel cap must be tethered to the cell.
12. Hood and trunk lids must be secured with hood pins.
13. Seats must be aluminum high back racing seat only, must have left and right head restraints. No fiberglass/plastic seats.
14. Racecievers are required to be used at all times when car is on the track. NO MIRRORS ALLOWED. Rear window must remain open and uncovered at all times, drivers must be able to see through the rear window opening.

B. BATTERY

1. Only one battery allowed.
2. Must be securely fastened and out to of the driver's compartment.

C. BODY

1. Only American made automobiles/pick-ups with a minimum wheelbase of 108" is allowed.
2. No convertibles, four wheel drive, or compacts allowed.
3. Body must be stock appearing; aftermarket bodies allowed.
4. All cars MUST be neatly painted and have 6" X 1" number on upper right corner of the windshield, as well as a minimum 12" tall X 3" wide number on both doors and roof.
5. All glass must be removed. A lexan windshield is MANDATORY * NO PLEXI GLASS*.Mirrors are NOT ALLOWED!
6. Lexan spoiler maximum 6" tall X width of the trunk, body manufacturer must be same as frame manufacturer, must be Ford body to Ford frame, GM body to GM frame.

D. BRAKES

1. Four (4) wheel hydraulic brakes are mandatory and must be in good working condition.
2. Front to rear proportioning valve allowed.

3. Rear disc brakes allowed with aftermarket mounting brackets.
4. Single piston cast iron calipers only.

E. DRIVE AXLE DIFFERENTIAL

1. 9" Ford allowed, floaters allowed.
2. No quick change rear ends allowed.
3. 8" maximum steel racing wheels with a maximum tread width of 78" from outside sidewall to outside sidewall.

F. ENGINES

1. Any cast iron block with cast iron heads (NO ALUMINUM HEADS), 23 degree ONLY.
2. Wet sump oil system only, no dry sump or external pumps or oil tanks oil must remain in the pan at all times minimum oil pan depth 6.5"
3. Forward most spark plug MUST be in line or ahead of upper ball joint centerline.
4. Roller rocker arms and stud girdles allowed.
5. Any 2 or 4 barrel carburetor allowed.
6. Any flat tappet hydraulic or solid lifter cam shaft with stock lifter bores. (NO ROLLER CAM AND LIFTERS).
7. Stock battery type ignition systems only, HEI style only, no MSD, magnetos or any other control/ignition boxes. (MUST HAVE A WORKING DISTRIBUTOR). No traction control devices of any kind, including brake actuated type.
8. Must have a working starter at all times.
9. No antifreeze allowed water is the only coolant you may add water wetter or similar additive.

G. EXHAUST

1. Headers are allowed must have mufflers maximum noise level 100 db.
2. All exhaust pipe from the header outlet must not exceed 3" and must exit behind the driver.

H. FRAME AND ROLL CAGE

1. The minimum allowable wheelbase will be 108" both sides.
2. Rear wheel drive, stock OEM clip frames only (NO FAB CLIPS).
3. Must be stock to the middle of the rear end housing, from there back can be tube for fuel cell and bumper support.
4. Must have a minimum of a 6 point roll cage made of 0.95 thick wall steel tubing, front and rear hoops allowed.
5. 4 drivers door bars with an 18"X24"X1/8" steel plate on driver's side door is mandatory.
6. 3 window bars made of solid 2/8" welded behind windshield in front of the driver is mandatory.
7. Tow chains on front and rear capable of supporting the weight of the car are mandatory.

I. FUEL

1. No electric fuel pumps.fuel cell must be securely mounted in the trunk area separate from the driver's area.
2. Fuel line must not enter the drivers area anywhere, the fuel cap must be tethered to the fuel cell.

J. SUSPENSION

1. Must be stock components, aftermarket center link is allowed.
2. Minimum 5" coil spring front screw jack and upper aftermarket control arms allowed.
3. Drop spindles, aftermarket/made for racing or aluminum spindles are not allowed. Spindles must be same from side to side.
4. Trailing arms and leaf spring pivot points can be relocated + or - 1" leaf spring slider boxes are allowed.

5. Only one shock per wheel, adjustable shocks are not allowed, double external adjustable shocks are not allowed, canister shocks and/or remote reservoirs are not allowed.

K. TIRES

1. The Hoosier D-800 will be the only tire allowed.
2. NO SOAKING! Tire samples will be collected and sent to the lab, tires will be randomly selected for sampling, don't be the guy that gets caught altering tires.

L. TRANSMISSION

1. Automatic transmission must have a shelled converter.
2. Manual transmissions must have a minimum clutch 7.5" and bell housing must have an inspection hole, no aluminum flywheels. No Jerico or other straight cut gear transmission.
3. Bret/Brinn, Falcon transmissions are allowed. Drive shaft must be painted white and have car number painted on it. No aluminum drive shafts must have two (2) drive shaft loops one (1) in front and one in the rear.

4.

M. WHEELS

1. Steel made for racing wheels only, no cutting, welding or drilling allowed, no bleeders.
2. Maximum wheel width 8" only, this will be checked.
3. Wheel studs must be 5/8" minimum with five (5) 1" steel lug nuts.

N. WEIGHT

1. Car must maintain a minimum base (total) weight of 3100 lbs. with driver in car throughout the event, this includes both pre and post- race inspections.
2. Maximum left side weight is 57% with driver in the seat with all safety equipment on.
3. Maximum rear weight is 50% after the race.
4. All weight (lead only) must be painted white with car number painted in contrasting color on all sides of lead.

O. GENERAL RULES. Refer to the separate BRSEC rule and procedures for additional information.

Birch Run Speedway And Event Center reserves the right to inspect any car at anytime. BRSEC officials reserve the right to change, alter, or remove any rule at anytime in an effort to level the field of competition. All decisions made by BRSEC officials are final and binding to all parties.

