2027 BROWNSTOWN SPEEDWAY PURE STOCK RULES

OEM & STOCK referenced below is stock dimensions per make & model of vehicle. No mixing of suspension makes/models.

CHASSIS and BODY RULES:

1. The pure stock cars must have an OEM minimum of 107.5" wheelbase. Right side must be within .5" of the left side wheelbase (EG. Right side = 108". Left side =107.5"). Maximum tread width for front and rear of car measured from outside of tires at spindle height is 76". Absolutely no altering of factory wheelbase. Rear wheel drive cars only.

2. Stock appearing steel or aluminum body panels only. Fenders, doors, and quarter panels must remain as close as possible to original bodylines. Skirting is allowed but must have a minimum of 6" (inch) clearance between the ground and the bottom of the skirting. After market plastic nose and tailpieces allowed. Body will be no wider than 76". Max rear deck height is 40". 3" minimum clearance from body to all 4 tires. Maximum aluminum roof: 50' wide, 55" long. A max of 2" of roof rake front to rear measured from ground will be allowed. Sail panels max width, 22" top, 32" bottom.

3. Sail Panels must appear as close as possible to stock appearance and come straight down to edge of body with minimal bowing no s or dished. Both sides must match. No Late Model type Sail Panels allowed.

4. Aftermarket nose and tailpieces allowed. Back of car must be enclosed from quarter panel to quarter panel, from top of quarter panel to top of rear bumper. Fabricated front bumpers may be used if covered by an aftermarket nose / bumper cover. A hoop is allowed on front and rear bumper. Support braces to front hoop can be run to frame. Rear hoop can be braced inside trunk to frame. Stock bumpers front and rear are allowed. Bumper ends may be cut but must be capped. Cable or chain capable of lifting the vehicle without opening hood/trunk must be readily accessible.

5. Nose piece must be 8" inches off the ground at its lowest point. Stock appearing noses only. No Late Model, Wedge type or aerodynamic noses allowed. No sloping of nose and front fenders for aerodynamic purposes. Nose and body must resemble stock appearance as close as possible. If Camaro nose, the body must look like a Camaro. If Monte Carlo nose, the body must resemble a Monte Carlo

6. The car must run original body as make of frame; have full steel floorboards with factory tunnel in driver's compartment, and full firewalls – Front firewall min. 22ga steel straight across from frame rail to frame rail, no aluminum front firewalls. Rear firewall may be aluminum. Patching of rust holes is mandatory. No open holes in firewall. No decking between frame rails in drivers' compartment. Fabricated 22ga steel floor pan near oem size, no boxing in driver or compartment ok.

7. All chrome must be removed inside and out on body of car. Numbers must appear visible on both doors and roof of car minimum 24".

8. No frame changes or alterations. Rear frame behind rear spring mounts may be manufactured; seat must be 30 inches from center of axel tube. At no time will there be exceptions to this rule to move driver back in the car, other than for size and safety of the driver. Dash length is not to exceed further than the back of the steering wheel all the way across from door to door. No wrap around dashes.

9. Doors must be riveted, welded, chained, or bolted shut.

10. 8" Maximum height spoiler allowed on trunk only. Two spoiler supports also 8" and no higher than the spoiler. Side supports may be 15" long measured from the bottom forward. Two (2") inches high in the front.

11. Competition type 6-point cage mandatory with a minimum of 3 bars in driver's door and 2 bars in passenger door. Front windshield area to have a minimum of 3 bars infront of driver. Roll cage is permitted to have brace bars extending through firewall. X or H design below floor pan tying rails together is ok.

12. Four-point shoulder harness, racing seat, and fuel cell plastic bladder within a steel can are required. SEAT, BALLAST, BELTS are to be properly sized and secured. No ratchet straps, bungee cord or duct tape. No outside rub bars allowed. 2 in. straps are required in the mounting of the fuel cells. Fuel cells must be no lower than the center of the rear end.

13. No mirrors allowed.

14. Minimum 3-wheel brakes. Manual RF shut off & front/rear adjustable ok.

15. Fire extinguishers are mandatory.

16. Two drive shaft hoops are mandatory. Drive shafts are to be steel and painted white. Driver must have a full fire suit and a full-face helmet. 5-point safety harness mandatory.

17. If battery is in driver's compartment it must be enclosed in a marine type box with a lid. Box to be securely fastened. No zip ties, no bungee cords.

18. All weights must be painted white with car number on it. Weight must be mounted with ½" bolts to the frame or roll cage. No weights on front or rear bumpers. No weights above decking. No weights on top of roll cage or inside driver or passenger compartment. No weight added to axle or housing.

19. Hole is allowed in hood for air cleaner.

SUSPENSION:

1. All suspension parts must be steel and stock OEM or stock OEM replacement per make/model and remain in stock location. OEM mounting tubular 8-9 ½" ok. No aftermarket lower A frames. No altering of stock A-frames. Rubber or steel bushings only. No heim ends or mono balls. Stock length OEM style ball joints, aftermarket replacement ok must still bolt/press/weld in & remain oem length. Ball joints must match make and model of chassis. No screw in ball joints. No adjustable ball joints. Front suspension - left front camber maximum 5 degree positive, 7 degree negative maximum right front. Stock OEM spindles only. Spindles must match make and model of chassis. No 3 piece or racing spindles. Spindle savers OK. All steering parts must be steel and stock OEM or stock OEM replacement. No aftermarket center links, camaro to metric nor improved geometry. No aftermarket tie rods. NO heim ends. Tubular sleeve ok, Racing springs are allowed. No jack bolts on front. Adjustable buckets only.

No coil/leaf/coil conversion, tight helix, barreled, coil over, dual+ rated sprigs.

Front springs conventional 9 ½" tall free height 900 through 1200 pound only.
Rear Springs conventional 11 or 13" tall free height 200 through 300 pound only.

2. Stock location on rear-ends, oem length tubular trailing arms ok. No lengthening or shortening of control arms. All bars must be mounted in same location on both sides. One hole per mount on frame and top of rear end. No adjustments or slots. Oem rubber or polyurethane bushings only. NO rubber insert, multi piece, adjustable, soft heim ends or mono ball bushings. Jack bolts on rear only. No altering of stock control arms with exception of welding grade 8 washers to bolt holes for safety. Optional: Tubular Trailing Arms allowed but must be stock length. Upper length 11 ¼" inches center of bolt hole to center of bolt hole. Lower length 19 ½" inches center of bolt hole to center of bolt hole.

3. Stock steel brake calipers only. No aluminum calipers. No dual piston calipers. Stock steel front hubs only. Rotor and hub must be 1 piece and made of steel. No aluminum front hubs. No bolt on front rotors. Aluminum rear hubs OK. Bolt on rear rotors OK. No Scalloped, drilled, or veined rotors allowed.

4. Stock mount shocks only are allowed. One shock per wheel. All shocks must completely collapse at any time. No external or internal bumpers or stops. No coil over, air, remote reservoir, schrader or bladder type valve allowed. No coil over eliminators. No heim end shocks. Rubber mounted shocks only. Sealed, Steel bodied, non-rebuildable shocks only. Afco 1020/1030 style, Bilstein AK style ONLY. No black, SMX, integra, penske, QA1, or any others type or rebuildable shock allowed.

5. Shock claim $400 – Anyone not selling will forfeit all points and monies and be suspended for 1 (one) calendar year. Claim is for all 4 shocks. Claim can be made by any driver starting the Feature event. Shock claim must be made, and money exchanged, with the track promoter before the start of the feature event. If claimed car does not finish the event, money will be returned.

6. Shocks must be mounted in original stock location.

7. Nothing attached to rear end of car other than stock OEM components. Multi hole lower trailing arm brackets ALLOWED both sides must be same distance apart from axle tube. Rear springs must sit in cups mounted to the axle tube. Centered spring perches or offset spring perches not to exceed 2" of centerline vertically . No bearing or slider spring cup allowed. Spring must remain in stock location.

8. Cars must have rear coils tethered

TRANSMISSION and REAR-ENDS:

1. Transmissions:
Automatic: a. Automatic transmission must retain torque converter. No in-out boxes

Manual: a. Any manual-type transmission must be in an OEM or OEM replacement case. b. For manual type applications only, an external steel and/or aluminum, single or multi-disc clutch inside an explosion proof steel bell housing will be permitted. The bell housing must be a minimum 270 degrees around top of clutch/flywheel area.

c. Bert/Brinn/Falcon after-market type racing transmissions will be permitted

2. Must start under own power.

3. 9" Ford floater or bolt in axle rear-ends. No cambered rear-ends. No quick change, no posi, no ratcheting, no clutched gears. Welded, mini or full spool only.

WHEELS and TIRES:

1. Street radial tires, Emod 60's or Hoosier IMCA H500 allowed.

2. Maximum 8 in. wheels, 5/8" studs with 1" steel lug nuts. Wheel studs must extend 1" from center of wheel. No stock length/size studs allowed. No lightweight aluminum wheels. Outer beadlocks only, allowed on all four corners.

MOTOR RULES:

1. No aluminum heads or blocks. Motor must be stock for make and model of car. GM to GM, Ford to Ford, Mopar to Mopar.

2. One two or four barrel, Holley, Quadrajet, or Edelbrock ok. No aftermarket adjustable racing carbs. Max 1 inch spacer allowed under carb. Methanol/Alcohol, e85 or leaded fuel only.

3. No air gap manifolds. Dual plane only, aluminum or cast iron

4. Headers allowed. Approved mufflers mandatory.

5. Factory stock ignition, no M.S.D. or box type ignitions. Coil must remain inside cap HEI style only. No rev-limiting devices or adjustable rev-limiters.

6. Steel front/mid/rear motor mounts are allowed. #1 spark plug must remain equal to or in front of upper ball joint.

7. Electric Fuel Pumps allowed on newer model blocks but must have approved shut off.

8. Raceivers mandatory. Raceivers only in car. No cellphones or other electronic devices allowed.

10. No transmitting or listening devices (exception is one-way Race Receiver radio by officials), timing retard controls, or digital gauges (including tach). No electronic monitoring computer devices capable of storing or transmitting information except memory recall analog tach.

11. Weight rule 3200 lbs. with driver after race.

Brownstown Speedway reserves the right to impound any and all race car parts, or motor for further investigation.

Rules subject to change without notice.
This pure stock class is a racing division focused on family participation and is based on rules that will accommodate lower cost and competition.

THE ABSENCE OF A SPECIFIC RULE DOES NOT IMPLY APPROVAL, CONSENT OR PERMISSION REGARDING THAT SUBJECT. ANY QUESTIONS OR DOUBTS REGARDING SUCH MATTERS SHOULD BE DIRECTED TO RACETRACK OFFICIALS FOR A CLARIFICATION , TRACK MAY CHANGE RULES AT ANY TIME.

NOTICE TO ALL DRIVERS AND CAR OWNERS RE:
RULEBOOK DISCLAIMER:
No equipment will be considered as having been approved by reason of having passed through tech inspection unobserved!

It is your responsibility to see that your car is legal. If you have any questions, ask! All cars are subject to weekly inspection. There will be no admission or pit fee, or entry fees returned if your car cannot run that night for whatever reason. Remember, rules may not cover every incident that may occur. Therefore, in those situations the decision of the promoter and/or inspecting official is final. If you are asked to make changes to your car you must do so that night, please do not ask if you can run one week like it is. If your car is found illegal after a race, you forfeit all monies, trophies and points for that night.

All drivers are responsible for the actions of their pit crews. Any activity that is deemed to be poor conduct will result in the driver, pit crew member and car owner suspended for a time set forth by the promoter and a fine not exceeding $1000 will have to be paid before you are allowed to race again.

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 express or implied warranty of safety shall result from publication 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 promoter shall be empowered to permit minor 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 should result from such alteration of specifications. Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final.

NOTE: No alcoholic beverages or drugs allowed. Any driver under the influence of either or both of these faces immediate suspension from all activities concerning Brownstown Speedway for a period of time set forth by the promoter.

Updated: 10-2026