



## **Afton Motorsports Park and Penn Can Speedway** **2026 Modified Rules**

### **Ballast Weight:**

All lead ballast weight must be mounted between the frame rails using proper clamps with one (1) grade-8 bolt required for every 10 lbs. of lead being held. All lead should be painted white with and labeled with car number. No filling rub rails or body mounts with lead or other type of material. Weight is not permitted in axle tubes. No steel axle tubes.

### **Body Rules:**

Sail panels are permitted at all events at Afton Motorsports Park and Penn Can Speedway. Sail panels must be even and mirror each other in size and shape, side-for-side. Maximum height when measured from the ground is 65 inches. Sail panels must extend no further forward than the rear of the driver's seat and no further back than the end of the quarter-panel. *There will be no alterations (louvers, cut-outs, etc.) permitted to the sail panels.* A roof spoiler/wickerbill, no taller than four inches, is permitted.

For 2026 Afton Motorsports Park and Penn Can Speedway will adopt all other DIRTcar outer body rules. Any exceptions will be noted.

### **Doors:**

The top of the door when measured from the ground will be a maximum of 38 inches and a minimum of 30 inches when measured 60 inches from the rear axle centerline. The rear of the door when measured from the ground will be a maximum of 42 inches to the top of the door when measured 16 inches from the center of the rear axle centerline of the rear forward.

The ground clearance on the bottom of the doors must maintain a maximum of 12 inches and a minimum of 6 inches from the ground.

### **Composite Panels:**

Composite plastic material may be utilized for right-side doors and right- and left-side quarter panels only. Track officials reserve the right to approve or deny on a case by-case basis.

### **Quarter Panels:**

The rear quarter panels must be symmetrical in height, with or without plastic, and no holes. The rear quarter panels must be a maximum of 47 inches and a minimum of 40 inches from the ground at the rear and continue in a straight line with the top of the door.

A maximum 2-inch fender flare may be used, but the overall body width must maintain a maximum of 68 inches. The rear quarter panels may extend rearward a maximum of 48 inches

when measured along the top plane of the rear quarter panel and a minimum of 44 inches at the bottom when measured from the center of the rear axle to the rear of the car.

A maximum of 16 inches and a minimum of 8 inches of ground clearance (when measured from the ground to the bottom of the rear quarter) will be permitted.

The plastic/rubber material utilized on the rear of the car may extend a maximum of 16 inches from the ground to a minimum of 8 inches from the ground on either side of the car. The panels may have one side plastic on one (1) side only provided the panel remains completely symmetrical.

Flanges at a 90-degree angle may be added to the rear quarter panels. The flange may only be added for the purpose of strengthening the panel. The flange must not exceed  $\frac{3}{4}$ -inch in length or width and must be mounted in a vertical position. Rear quarter panel flanges must face inward toward the centerline of the chassis. Air directional devices and/or side mounted spoilers of any type, which extend past the outside edge of the flat plane of the body will not be permitted.

**Rear Wing Upper Window:**

The rear wing window upper profile must not extend above a straight line projected from the rear of the roof to a point 3 inches higher than the rear deck. A minimum 2-inch indent in the profile, so as not to make the panel a fast back is mandatory. The maximum base length will be 61 inches. The left and right must be of the same style and dimensions (symmetrical). All rear wing(s) must have an opera-type window. The window must be Lexan. Lexan and aluminum must have one continuous, curved bow. Bends or breaks in the Lexan area of the window will not be permitted. Lexan must also be the bulk of the space. The rear view of the wing window must go in a straight line from the top of the quarter panel (tangent) or bodyline to the roof with a maximum gradual bow of 2 inches in the center of the wing window.

**Rear Spoiler:**

Rear spoiler rule maximum height: 50 inches – must be even from left to right. Spoiler may be constructed of Lexan or aluminum.

**Body Width:**

Body width, when measured at any point along the body line from front-to-back will be a maximum of 68 inches and minimum of 64 inches.

**Height Requirement:**

The maximum overall height of the car is 62 inches with a minimum of 53 inches measured from the ground.

The maximum roof angle is 10 degrees with no tolerance. Offset or skewed bodies are not permitted.

Aluminum surrounding the fuel cell is optional.

**Afton Motorsports Park and Penn Can Speedway officials have final decision on all discrepancies!**

**Suspension:**

Suspension guidelines for the 2026 Afton Motorsports Park and Penn Can Speedway:

- The front axle in all Modifieds must be a straight, one-piece axle manufactured from magnetic steel tubing.
- Split axles, dropped axles or independent front suspension not permitted.
- A-Frames and/or ball joints will not be permitted for steering axis (kingpin only).
- Four-wheel steering by the steering wheel and/or any type will not be permitted.
- Only approved Modified front spindles permitted.
- Independent front and/or rear suspensions will not be permitted. No Cantilever suspensions allowed.
- Only conventional type closed shock absorbers and/or approved shock absorbers will be permitted for competition. Only single-shaft shock absorbers will be permitted and all shock absorbers must remain closed on one (1) end via conventional design.
- Air shocks are not permitted.
- One (1) shock per corner.
- The minimum wheelbase is 106 inches and maximum of 110 inches with a maximum tolerance of one-half (1/2) inch when measured from the centerline of the rear axle to the centerline of the front axle for both left and right sides.
- The maximum front tread width will be 86 inches with a minimum of 74 inches. The maximum rear tread width will be 86 inches and a minimum of 80 inches. These measurements will be taken from the outside edge of the sidewall of the tires on each side.

**Tires:** American Racer is the **exclusive** tire of the Afton Motorsports Park and Penn Can Speedway. Approved compounds are:

**LEFT FRONT:** 33 OR HARDER

**RIGHT FRONT:** 33 OR HARDER

**LEFT REAR:** 44 OR HARDER

**RIGHT REAR:** 48 OR HARDER

Any track or series stamp is legal. **No specialty tires or block-tread tires permitted. No chemical altering of tires permitted.**

**TRACTION CONTROL:** The use of traction control devices is strictly prohibited. Vehicles suspected of traction control use by technical officials are subject to impound and inspection by the track officials. **No driveshaft or wheel-speed sensors permitted.**

**Transponder Mounting:** Transponders must be mounted on the right side no less than 24 inches behind the rear axle centerline at a height of 12 to 18 inches from the ground. For optimum function, the transponder should be mounted as close to the ground as possible. Transponder should be mounted with no obstruction between the transponder and the ground.

**BRAKES:** All four (4) corners must have brake calipers and rotors. Brake shut-offs are permitted. Random brake tests are possible at any time.

**CHASSIS:** Chassis, frame, rub rail and bumper specifications mirror those generally accepted in dirt Modified racing. Standard dirt Modified chassis only.

**CONDUCT:** Competitors, teams and fans of the Afton Motorsports Park and Penn Can Speedway are expected to act with respect toward each other and event officials at all times. Drivers and car owners are responsible for the actions of their crews. Fighting and unsportsmanlike conduct will result in loss of points, disqualifications, fines or suspensions. Team members are not permitted on the speedway surface at any time without express permission of the officials. Entering the speedway without permission will result in fines and/or suspensions.

**DISQUALIFICATIONS:** Drivers who are disqualified forfeit monies earned and points accrued for said track event. Drivers who are disqualified will receive DQ points for said event. In the event of a disqualification, all drivers behind the DQ car will be moved up a position and will be compensated as such with points and payout. **DQ drivers receive no points and no payout!**

**ENGINES & WEIGHTS:** Big- and small-block engine combinations are permitted to run at Afton Motorsports Park and Penn Can Speedway. Engines must be carbureted (no fuel injection). *Aluminum small blocks are not permitted unless noted below. Small-block engines larger than 454 cubic inches are not permitted. Big-block engines larger than 480 cubic inches are not permitted.*

Big-Block (max. 480 cubic inches) or Open Small-Block (max. 454 cubic inches): 2,400 lbs. Wegner Automotive 'Weekend Warrior' LS 427 (must meet spec sheet) or Small-Block (Max. 370 cubic inches): 2,400 lbs.

PA/NJ/DIRTcar Spec, W-16, CT-525: 2,400 lbs.

*\*All weights are track-scale pounds, taken post-race with driver in car*

**FUEL:** VP Fuels and Sunoco 110, 112, HCR (114 octane), DXP (116 octane) or equivalent ONLY. Methanol is permitted.

### **Ignition**

Single ignition systems ONLY. Switching from one ignition system to another will not be permitted.

No programmable ignition boxes. **MSD 6530, 65303 or 7531 & Fast Ignition 30722 ARE PROHIBITED**

*If in doubt, ask before using any other ignition box other than the list below.*

- MSD 6425-64253 (Black)
- MSD 6430 (Red)
- MSD 6427 (Red)
- MSD 6428 (Red)
- MSD 64316 (Red)
- MSD 6632 (Black)

An optional crank trigger is permitted. A magneto is permitted.

**IN-COCKPIT ADJUSTMENTS:** Brake bias and Panhard adjustments ONLY inside the cockpit.

**LOCKER REARS:** The use of locker rear-ends is prohibited. Solid spool reels only.

**GENERAL RULES & SAFETY:** The following *minimum* safety guidelines are in place for the 2026 season.

#### **Seat Belt/Restraint System**

All cars must be equipped with a minimum of an SFI 16.5 or SFI 16.1 approved restraint system. System will be eligible for use in competition for two years from the date of manufacture or the expiration date. Seat belt systems shall be installed and used in accordance with manufacturer's instructions.

#### **Protective Clothing**

All drivers are required to wear a fire-resistant driving uniform meeting minimum SFI 3.2A/5 specification with label. Drivers must wear gloves at all times they are on the track. Driver's gloves must meet or exceed SFI 3.3 specification with label. Drivers should wear fire resistant accessories including head sock, under garments, shoes and socks. Shoes must meet the SFI 3.3 specifications with label.

#### **Seats**

All current seats must be constructed of aluminum or approved carbon fiber. Must be installed in accordance to seat manufacturer instructions.

#### **Helmets**

All drivers must wear a full-face helmet with a minimum safety rating of FIA 8860-2018, Snell SA 2020, Snell EA 2016 or Snell SA 2015.

#### **Head And Neck Restraint**

SFI 38.1 approved head and neck restraint recommended.

#### **Fire Suppression System**

Fire bottle/suppression system recommended.

**PROTESTS:** All protests must be turned into the Head Technical Inspector within 10 minutes of the conclusion of the race. The protest fee must be paid at the time of protest. Only the car owner or driver may submit the protest.

Any refusal of inspection or non-compliance with an official protest will result in the disqualification of the protested car.

If the protested car is found to be illegal, the protesting fee will be returned to the team filing the protest less the filing fee.

Any altercation relating to the incident with Officials and any other participants by the team filing the protest will nullify the objection.

***Protest Fees are as follows:***

Wegner Automotive Weekend Warrior Protest Fee - \$2,000 cash bond (partial) or \$7,500 cash bond (complete teardown)

Engine Teardown - \$1,750 cash bond (\$100 Protest Fee)

General Protest: \$500 cash bond (\$100 Protest Fee)

Track officials reserve the right to ask for a legality test at any time. Refusal of such by a race team will result in a disqualification. Series officials also reserve the right to deny any Protest Request.

Visual Protests may be filed up to 30 minutes prior to the start of a feature and must be accompanied by a cash bond of \$250 (\$50 Protest Fee). Officials have sole discretion as to what is considered a visual protest.

***ALL RULES ARE SUBJECT TO CHANGE AT ANY TIME BY MANAGEMENT OF THE AFTON MOTOSPORTS PARK AND PENN CAN SPEEDWAY TO ENSURE COMPETITIVE BALANCE. ALL OFFICIALS' DECISIONS ARE FINAL!***