

2026 Pro 4 Rules

*****MUFFLER System must be in place to lower DBA to 99 or less*****

NOTICE: All equipment is subject to the approval of officials. No equipment will be considered as having been approved by reason of having passed through inspection unobserved. Any equipment which does not confirm to specifications or tolerance contained in this rule book, will not be eligible for approval.

Note: All cars must comply with the rules set forth by these rules to be eligible for competition. Any and all cars and car parts, are subject to PRO Series technical inspection processes. Tech/Track decisions are final. All races are point races except special event races such as (Memorial Race).

- **General & Safety**

1. Fire suit and approved SA 2000 or newer helmet required. Gloves are required. Fire Retardant Racing Gloves are Highly Recommended. We highly recommend all safety items to be replaced every year.
2. NO antifreeze in radiator. Up to a \$250.00 penalty if caught using antifreeze and immediate disqualification.
3. Must have a minimum 2 pound fire extinguisher with gauge and a quick release mounted securely in a car within reach of driver while belted in car. We highly recommend a 5-10lb fire system with at least 3 nozzles in the drivers compartment.
4. All cars must be painted and lettered. Minimum 20" tall numbers. no duct tape number unless instructed by management. Numbers should be contrasting in color when compared to the color of the car with a minimum 3"-4" Stroke.
5. 2 Digit numbers are the only numbers we recognize. No two cars in the division can have the same number.
6. Aluminum Racing Seat required; belt & shoulder harness minimum 3" wide. Must have minimum of 6-3/8" bolts securing to the seat to the seat bracket / roll cage. Secure you seat belts to whatever you seat is secured to which should be a custom fit seat bracket welded to the roll cage. All seat belts are highly recommended to be replaced every year. Must have QUICK RELEASE TYPE window net. Window net latch or release should be at the top left side of the drivers window.
7. Must have emergency cut-off switch. We highly recommend this to be located as close to the center of the car on the dash area.
8. Must reserve the top of your windshield for division sponsor decals. Not running the window decal will result in potential forfeit in all monies earned and exclude you from and bonus money.

- **TIRES**

1. No soaking, Siping, Grooving or altering of tires in any manner allowed. Drivers soaking or altering tires will forfeit all purse and points for the event and all track points for the year. Any illegal tire, in the judgment of Speedway Officials, will be confiscated.
2. American Racer AR955 take off slicks are the official tire for the 2026b racing season. All tires must be purchased from Highland Rim Speedway an numbers must be recorded. Tires

without numbers will not be allowed to be used. Tires are \$35 each. Inspect your tires properly as there are no returns or refunds. All tires will have minimum durometer reading that will be enforced.

3. 26" tires can ONLY be used on Drivers (left) side.
4. 27" Tires may be used on all 4 corners of the car.
5. 15" tall 8" wide steel wheels only.
6. No wheel adaptors.
7. Must have 1" lug nuts.
8. No wheel weights/air bleeders of any type or pop offs.

- **Roll Cage**

1. Roll cage must be at least .095 gauge (minimum 1 1/2" OD steel tubing). We highly recommend 1.75" DOM .095 tubing.
2. Roll Cage must be welded to frame and have 4 protective bars on driver side. No square tubing. We highly recommend 1/8" steel plate be welded over or in between all door bars on the driver's side roll cage to keep small items from penetrating the roll cage gaps.
3. All cages must meet approval of track officials.

- **IGNITION**

1. One 12-volt battery only.
2. Electronic ignition permitted. MSD type boxes permitted.
3. No electronic or mechanical traction control of any kind permitted.
4. No coil packs or crank trigger fired ignitions.
5. Must have emergency cut-off switch within drivers reach highly visible to safety crew.
6. All wires must be connected at all times.

- **ENGINE**

Stock location (from block face itself cannot be more than 2.5" of the ball joints). If motor cannot be moved to tolerance, keep car weight and move 50lbs in front of cross member.

- **CARBURETOR**

1. Only a Holley 2300 series 350 cfm 2bl carburetor #7448 is allowed. Must fit track gages and air horn cannot be removed. Unaltered boosters in stock location. Butterfly screws are optional, Stock shaft and butterflies. Choke rod hole may be plugged and choke mount holes sealed with epoxy or comparable material.
2. Spacer maximum including gaskets. 3" maximum (from intake to the baseplate of the carb.)
3. No fuel injected engines.
4. No Vacuum leaks.
5. No egg shape/Oval shaped bores in anything to do with the carburetor.

- **HEADS**

Stock production heads only . No aftermarket of any kind. No porting, polishing. Damaged heads may be resurfaced. May have 3-angle valve job. Stainless steel valves are approved for competition. Stock head for the type of engine used (i.e. 2000 block/2000 head; 2300 block/2300 head).

1. May be milled. Cylinder head boss may be cut down for short adjuster (2300). Valve spring pocket may be cut deeper.
2. No aluminum pocket may be cut deeper.
3. No more than 2 valves per cylinder -unless approved by track officials.
4. Any type cam allowed. May run adjustable cam gear.
5. Minimum of 45cc combustion chamber.
6. Intake and Exhaust Runners must remain untouched and have casting marks/parting lines in the head.
7. Both Felpro & Cometec gaskets are approved.

- **Valves**

Minimum Valve Stem diameter= Stock

2.0 Engine= 8mm / .3140" Diameter

2.3 Engine = .340" / 1 1/32"Diameter

Undercut valves may be used.

- **Pistons**

1. 3 ring FLAT TOP pistons.
2. Gas Ported Pistons and Rings may be used with a weight penalty. If you are running Gas-ported pistons OR Gas-ported rings you must add 20lbs total weight of the car. If you are running both you still only add 20lbs total.
3. Low tension rings allowed.
4. Maximum overbore .050".

- **Crank**

1. Stock crank for motor used, may be balanced. NO polishing or lightening of any kind, no knife edging of crank.
2. Min. crankshaft weight: turning of rod journals to a min. of 2 inch journal size is okay.
3. Ford 2300 cc minimum crank weight is 30.5lbs both small and large journal.
4. Ford 2000 cc minimum crank weight is 27.5lb.

- **RODS**

1. Any steel rod permitted.

- **CLUTCH/PRESSURE PLATE**

1. Stock clutch and pressure plate only from local parts stores(ex. AutoZone, O'Reilly's, NAPA, etc.)
2. May run solid center disk or button style disc.
3. Aluminum Flywheels are allowed. Must be readily available nationally "No custom made/custom lightened or altered aluminum Flywheels"

4. Stock unaltered pressure plate only. Must be stock replacement for engine used.

- **INTAKE**

1. Stock or aftermarket intake allowed. No modifications of intake allowed.

- **TOTAL VEHICLE WEIGHT...BASED ON ENGINE SIZE**

1) 2.0 engine required to weigh 2100 pounds with driver

max 58.0% left side weight with driver

2) 2.3 engine required to weigh 2200 pound with driver.

Max 58.0% left side weight with driver

3) 2.5 engine required to weigh 2300 pounds with driver

Max 58.0% left side weight with driver

- **LEAD BALLAST**

1. All ballast must be attached with minimum of two 1/2" diameter grade 5 bolts and lock nuts.

2. All weight to be painted white with the car number on it.

3. All weight is before qualifying and after the race.

4. Driver must post their claimed weight at all times on the top left corner of the windshield in 1.5" tall numbers. Numbers must be easily visible to track officials. white vinyl numbers are preferred.

5. NO weight/ fuel burn off allowed.

- **BODY**

1. Steel, aluminum or fiberglass body. minimum clearance on all body panels including nose and side skirts 4".

2. Maximum quarter panel height is 35" to bottom of spoiler/top of quarter panel at the rear.

3. Frame must have 5" ground clearance., frame to be measured with driver and safety equipment, before and after the race. This excludes front air dams and skirts.

4. Full front windshield required must be 1/8" Lexan/Polycarbonate. No Plexiglas must allow 5" at top of windshield for division sponsor sticker.

5. Rear window permitted.

6. Tread width 66" measured from true center of tires at spindle height. **EIRI**

7. Must be a stock appearing Truck or car body per manufacturers specs... If a body is not specifically designed be aftermarket, nationally known and HRS approved company it must be approved by Tech...

8. Any homemade body must be approved by the track tech...

- **REAR SPOILERS**

1. Maximum 6" height. May not exceed width of 60 inches. Any angle of spoiler is allowed.

2. Braces may be used on the rear of spoiler.

- **CHASSIS/SUSPENSION**

1. Stock OEM mini chassis is classified as Ford Pinto and Ford Mustang

2. Any other make is classified as Full tube frame. All chassis must be rear wheel drive and approved before competing. Racing without proper approval is not to be considered approved.
 3. Stock type sway bars or spline bars are allowed.
 4. Minimum wheelbase 96" maximum wheelbase 108"
 5. Fabricated chassis allowed. minimum frame rails to be manufactured from a minimum 2x2 .095 square steel tubing.
 6. We highly recommend frame rails to be manufactured from 2"x2"x.125" (1/8" wall).
 7. Any round Tube chassis must be presented to tech and approved before you assemble the car. We do not recommend round tube cars but they may be allowed depending upon the construction, design and quality of construction.
 8. Aftermarket spindles are allowed.
 9. minimum chassis/frame height will be 5" at all times with driver & safety apparel in place.
 10. May have elongated slots for caster/ chamber adjustments.
- **SHOCKS**
 1. Any steel body shock allowed. Shocks cannot be remote adjustable or externally adjustable.
 2. Maximum of 1 shock per corner (4 per chassis).
 3. No bump stops allowed
 4. No chassis travel limiting devices on compression or extension.
 - **SPRINGS**
 1. Any Coil spring may be used except coil binding springs.
 2. Wedge bolt adjusters allowed.
 3. Stock main leaf for car. Number of leaf springs is optional. May use clamps.
 4. May cut secondary leaf. Sliders permitted with wedge bolt.
 5. Both Coil over Springs & or 5" Diameter Coil springs.
 - **BREAKS**
 1. Front and rear disc breaks permitted. Steel & aluminum aftermarket break calipers and drums are approved.
 2. Single piston calipers are the approved calipers. Multiple piston calipers may be required to add additional weight
 3. Steel rotors only. No drilled rotors. Any pedal or master cylinder set up.
 4. All wheels must have working breaks.
 - **REAR-END**
 1. Differential must be locked. Differential may have either welded or mini spool or full spool. No Detroit or any other center section that has not been specified.
 2. Floating axle rear end Permitted.
 3. Quick change permitted with mini spool or locked (REAR END ONLY)

- **DRIVE SHAFT**

1. Driveshaft must be steel. No aluminum driveshafts! No aluminum parts of any kind in the driveline or differential.
2. Must have drive shaft loops. Driveshaft must be painted white. Minimum of 1 drive shaft safety loop made of flat steel (1/4 in. x 2 in minimum size) will be required with in 12" of the tail shaft of the transmission. We highly recommend three driveshaft loops.. One approx. 12" back from transmission. tail shaft one within 6" of rear drive shaft u joint and one in the middle of drive shaft.

- **TRANSMISSION**

1. Any stock transmission permitted.
2. All transmissions must be stock OEM and unmodified. Must be in working condition with reverse and all forward gears.
3. 1 inch inspection hole in bell housing recommended for the tech officials.

- **FULE /FULE CELL**

1. Fuel cell are required, must have roll over/ check valve.
2. Fuel cell protection loop required behind fuel cell. Minimum 1.250" .083 bar welded from the rear frame cross tube. (Highly recommend 1.75 tubing and that the loop extend a minimum of 1" below the fuel cell. 6" minimum ground clearance. Recommended fuel cell height10".
3. Fuel Steel Containers. Fuel cell must be in a steel container (highly recommend a welded 18 gauge container) with a minimum 1" flange on top of the can which the fuel cell container will fit within a square tubing frame to be built centered within the frame rails from a minimum of 1"square tubing. (.083 wall tubing highly recommended)
4. Fuel Cells /Bladder. We highly recommend to be a flexible type fuel cell bladder however plastic fuel cells are legal.
5. Straps around the steel fuel cell can. Minimum 2-1"x1" tubing or steel straps 1/8"x1" wide to surroundings the entire fuel cell. Fuel cells must be bolted in place with a minimum of 10 bolts. NO rivets and no sheet metal screws.
6. Fuel cell bar must have a fuel cell guard bar made from 1.5" .083 min. wall and should be 1" lower than the fuel cell container.
7. 1/8" Metal plate highly recommend to be mounted between the fuel cell and rear end. The metal plate should be the same size as the front of the fuel cell covering the full width and height of the fuel cell can.
8. Fuel Line. Fuel line can run under the car but must be higher than the lowest part of the frame and securely attached and a minimum of 6" away from and exhaust.
9. Fuel line can be run through the car from fuel cell but must be in a 1 pc. steel pipe and the pipe must extend a minimum of 1" out from front and rear firewall.
10. 110 Racing Fuel only. No Alcohol or Methanol. No Oxygen enhancing Fuel additives. 2nd Offense will result in suspension for the remainder of the season.

11. fuel must go through the fuel cell to the carburetor and cannot pass through performance enhancing/cooling devices.
12. Electric fuel pumps permitted Inline fuel filters permitted.

- **MUFFLERS**

1. Muffler systems are required and must be fully functional. Muffler systems will be required at all race events, including Track Rental, Open Practice and Race Day. NO EXCEPTIONS.
2. May raise or remove section of floor pan on right side of car for clearance to install large style muffle (ex. Brezenski I Howe). Must box or replace floor pan with 22 gauge steel sheet metal only.
3. When sound tested it can be no louder than 99 DbA at 100 feet.

- **TEAR DOWN**

1. Refer to General Rules
2. ALL Veteran Motorplex, General Rules and Flag rules apply to this division.

- **COMMUNICATION**

1. No Radios.
2. No suspension cameras
3. GoPro cameras are allowed to record races, not to be used to help the driver during races.
4. Race Receiver ONLY.
5. Mirrors are allowed. One mirror on the left side and one rearview mirror in car ONLY.

- **ADDITIONAL RULES**

1. Titanium, Inconel, or exotic metal or not allowed for use on the race car unless specified.
2. No Data acquisition equipment or wiring. If wiring is found in the car it is a DQ.
3. No digital dashes.
4. Cellphone, Smart Watches, or Bluetooth devices will not be allowed in the racecar at any time during qualifying or race. This is an automatic disqualification.

- **PROTESTS**

1. You must finish in the top 5 positions to file a protest.
2. Post race protests are only for, engine, transmission, & drive line items.
3. Engine tear downs will require the are to stay at the track and we will return the following Monday or Tuesday evening to tear down. You are Responsible to provide an enclosed trailer for your vehicle to stay in... The track will supply locks for all trailers.