



2010 Potomac Speedway Street Stocks Rules

Race Ceiver Radio's and Transponders are Mandatory for all Divisions for the 2010 racing season. Equipment is available for sale or rental at the speedway office.

Note: NO TUBE CHASSIS OF ANY TYPE ALLOWED

General: Any American passenger body manufactured from 1975 and up. No pick-ups, jeeps, station wagons, convertibles, sports cars, or rear engine cars. No sub compact / GM/ Chrysler cars with 108 " minimum wheelbase are allowed. Ford cars with 105" minimum wheelbase are allowed. Body, engine and frame must be same make and model. GM third generation F body allowed with wheelbase altered to 105"

Bodies:

- A. All cars must have complete stock type bodies as manufactured, including roof pillars. After market steel bodies permitted. Steel only.
- B. No jagged or sharp edges or corners. All edges must be rolled.
- C. All lights and light lenses must be removed and the resulting holes closed with sheet metal/
- D. All doors must be welded or bolted shut. All door handles and trim removed
- E. All glass removed. All metal screen must replace windshield
- F. No Mirrors
- G. Must have stock rear bumper, may be reinforced behind the original bumper
- H. After market front and rear panels are permitted, if they match the body
- I. No push bars allowed on front or rear
- J. Rub rails are permitted between front and rear wheel wells. Must be against body and may not protrude from body more than 1" and not wider than 2". Attached with a minimum of 3/8" carriage bolts.
- K. Approved 5" spoiler constructed of 1/8" aluminum curved to fit body of car
- L. Body subject to inspector approval
- M. Enclosed interior

Frames:

- A. No tube chassis of any type allowed
- B. Must be completely stock
- C. Box tubing of atleast 2x2 may be used from center of rear housing to rear bumper.
- D. Upper A arm mounts may be relocated.

- E. Cars of unibody construction must have front and rear frame connected
- F. Notching of cross member permitted for stock large capacity oil pan

Roll Cage:

- A. Constructed of 4 post design with the front roll bar following the windshield contours and the top of the roll cage forming a box with the width of the inside of the car. Four sidebars are required on driver's side and must extend into the door opening. A minimum of one bar must cross near the dash to tie the two front post together minimum of 2 cross bars are required along the back of the drivers seat. The driver's seat must be securely fastened to the roll cage with atleast 3" clearance from the roll cage to the driver's helmet. All tubing must be minimum of .095 inch thick seamless tubing of 1 ½ inch, or seamed tubing of 1¾ in diameter
- B. Roll cage must be welded to frame. All welds must be continuous welds. All corner welds must be reinforced with gussets
- C. A minimum of 3 sidebars extending into the passenger's door, all additional bracing is subject to inspection. No offset roll cages allowed
- D. Two bars should be anchored from the roll bar to the rear bumper area of the car. Two additional bars should be anchored from the roll bar to the frame area above the rear housing
- E. All bars within reach of the driver shall be well padded with substantial padding material
- F. No screw type fittings or pipe threads allowed
- G. Radiator hoop is allowed, attached to frame and may be attached to rollcage
- H. Two bars may be anchored from the front posts of the roll cage to the frame behind the A-Arms on each side

Firewall:

- A. After market floor pans optional to the following specs:
- B. Firewall and floor pans must be made of 20 gauge steel
- C. The tunnel beside drivers seat above transmission cannot be more than 8" from floor pan and must be bent at 90 degree's and go straight across right door.
- D. Interior may be aluminum, may be boxed in behind drivers seat but must run down to X brace cross bar
- E. Right side front firewall can be no further back then 29" from right front shock hole. See figure # 1

Fuel Cells:

- A. Fuel cell must be used. The tank must be securely mounted in a 20 gauge steel box with 2 1/8" by 1 " steel straps
- B. Gas lines will run under the floor or encased in steel tubing when running through the drivers compartment, steel braided lines recommended
- C. Fuel cells must be relocated in trunk area and vented outside of car
- D. Racing Fuel Only; No additives of any kind
- E. The Fuel shall not be blended with alcohols, ether, or other oxygenates. It shall not be blended with Aniline or its derivatives, no nitro compounds, or other
- F. No icing or cooling of fuel permitted

Tires/ Wheels:

- A. 11" Spec Tires Only. Tires limited to 88/90/92 only. D 35'S OR D 55'S . Compound only with L.S.B. tread only. No mag wheels, only steel spoke wagon wheels or steel wheels with 12" width allowed. Beadlocks are permitted and must have 5 oversize lug nuts.

Safety:

- A. Seat Belts must be chained or bolted to roll cage and pass inspectors approval. Shoulder harness is required. Only quick release type racing nylon belts are permitted. Belts may not be older than 3 years. 2006 or better. Firesuit resistant suits, gloves and shoes are mandatory. Only approved helmets may be worn. Snell 2000 or better. On board fire extinguisher mandatory. Full window nets, racing seat and racing belts mandatory
- B. ALL CARS MUST HAVE A TOW HOOK IN THE CENTER OF THE FRONT AND REAR OF CAR WHICH IS EASILY ACCESSIBLE TO THE TOW TRUCK DRIVER

Rear:

- A. Ford 9" rear optional with stock mounts in stock location
- B. Mounting locations must not be altered
- C. Must be locked at all times

Suspension:

- A. Racing shocks mounted in their original position on rear of car. No coil over or air shocks. One shock per wheel, shock extension permitted
- B. GM third generation F body must meet tech inspectors approval
- C. Springs can be changed with racing springs
- D. Lowering blocks allowed
- E. Jack bolts in front and rear
- F. No spring expanders or compressors allowed
- G. Steering quickners permitted
- H. No aluminum suspension parts allowed
- I. No suspension travels limiting devices such as chains, etc.
- J. Any steering box permitted
- K. Panhard bar permitted with rear coil springs allowed
- L. Offset upper control armshaft permitted (upper only)
- M. No traction control devices

Brakes:

- A. Four-wheel hydraulic brakes. Must be in good working order at all times. Brake adjusters or after market dual master cylinders, rotors, calipers, or drums are to be used. Brake adjusters can be in reach of the driver. No cut off valves
- B. Disc brakes are allowed on rear
- C. No aluminum calipers. Steel Only

Radiator:

- A. One radiator under hood in stock location. Water only permitted. No antifreeze or oil of any kind will be permitted

Battery:

- A. Battery may be relocated rear of firewall back or front firewall forward

Engines:

- A. Blocks 410 cu in Max

- B. Cast iron only
- C. Production only Bowtie permitted
- D. Maximum overbore plus wear .067 inches
- E. Block may be decked, with a zero piston to deck clearance

Cylinder Heads:

- A. Cast iron only
- B. Production only. World Product GM #4266 and Pro Torque heads. Ford M 6049N351, or Rousch -200
- C. Straight plug GM heads
- D. No GM angle plug heads
- E. No porting polishing
- F. Milling of head is allowed
- G. Polylocks are permitted
- H. Stock diameter push rods
- I. Stud girdles are permitted

Pistons:

- A. Any flat top piston
- B. 3 ring configuration
- C. Stock wrist pins/ floaters allowed
- D. Any means of lightening other than balancing is illegal

Crankshaft:

- A. Stock appearing crankshaft only. You may run scat crank #10442 or #10526
- B. 50 LB Minimum
- C. 350-3750-5700
- D. 350-3750-6000
- E. Stock stroke only
- F. Any means of lightening other than balancing is illegal
- G. No deburring, no polishing, no knife edging
- H. A 1" site hole required for inspection of crank

Connecting Rods:

- A. After market allowed. No Aluminum, No polishing, No deburring
- B. Any means of lightening other than balancing is illegal

Camshaft/ Lifters

- A. Hydraulic Only, No hydraulic roller, No gear drives, Stock lifter diameter only
- B. Valve spring diameter limited to the largest stock production diameter, Max valve spring diameter 1.380 Chevy
- C. Valve sizes limited to largest stock production diameter
- D. Five angle valve job Max
- E. No titanium valves
- F. Stock valve length
- G. No under cut valve stems greater than .015 inches
- H. Stock type retainers and keepers
- I. Roller rockers allowed

Intake/ Manifold:

A. Edelbrock EDL 2101, EDL 2116, GM/EDL 2181, FORD 2176, Chrysler Only

Carburetor:

- A. 2 barrel 500 only Holley 4412 or Keith Dorton 80583 only
- B. No modifications, no drilling, or changing of any diameter in air bleeds, metering plate, throttle shaft
- B. No swapping of metering plates allowed
- C. Choke plate may be removed
- D. Jets, squirter and power valves may be changed, block off plugs for power valves permitted
- E. Spacer/ Adapter height 1" total with production tolerance
- F. A one piece gasket measuring 65 thousandths must be installed between carburetor and spacer and another one piece gasket measuring 65 thousandths must be installed between manifold and spacer
- G. Mechanical fuel pumps only. No electrical fuel pumps

Ignition:

- A. Distributor and Coil must be stock appearing
- B. DUI Distributor allowed
- C. HEI System allowed
- D. MSD Distributor allowed, NO BOXES ALLOWED
- E. External Coil allowed

Exhaust:

- A. Headers are permitted
- B. Exhaust system will be dual exhaust
- C. 2 into 1 crossover pipes will be permitted
- D. Exhaust pipe exiting header must be 2 1/2" diameter. Round pipe and exit beyond driver

Mufflers:

- A. Mufflers are mandatory
- B. Must be at the end of exhaust pipe where its visible behind drivers seat
- C. Leak free exhaust
- D. Exhaust pipes/ mufflers must be on and functional after race or car will be moved to last position

Engine Location/ Oil Pans:

- A. Stock location only
- B. Remote oil filter allowed
- C. Stock large capacity pans permitted
- D. After market pans permitted, gates, and dams permitted, kickout pans allowed
- E. Frame may be notched for larger oil pan
- F. Oil pan must have a 1" inspection plug on side of pan for inspection
- G. External oil line from front of block permitted
- H. External oil filter permitted
- I. All casting numbers must be unaltered

Clutch/ Transmission:

- A. Any steel flywheel with a single disc clutch. Standard stock clutch and steel pressure plate allowed. No solid nubs or button clutch disc. Manual 3 or 4 speed transmission with all functional gears and reverse or stock automatic transmission allowed with working torque converter. Safety strap under front half of drive shaft required. A 360-degree blow proof bell housing, mine belt, or comparable ¼ inch steel plate for safety. Stock steel drive shaft must be painted white with number on it.

Weight:

- A. 3000 Lbs
- B. All weight is with driver and without added fuel. Track scales will be regarded as official. Cars failing to make weight after race will be disqualified

Numbers:

- A. 3” wide numbers must neatly paint all cars with letters with 18” high. In bright contrasting color to background color. Numbers to be painted on both sides and roof.

Teardowns:

- A. Limited to winner and only by second place finisher
- B. \$500 for top half, and \$800 for complete engine
- C. Track retains \$100 regardless of decision

Official's interpretation of these rules shall be binding. Rules enforced with no tolerance.

Penalties. Anytime the conduct of any team member or driver is a discredit to the speedway or any other driver, racing industry or to himself he/she may be removed from all racing activity at the speedway. The driver is responsible for all people associated with his team or signed in with that car. Illegal parts may be marked with engraver for future identification.

On misinterpretation of a rule, the official's interpretation shall be the official interpretation and will supercede any and all other possible interpretations. If you are in doubt on any rule, ask an official. The decision is to be in writing and given to the party requesting the decision. Where there is no specific rule to govern the occasion, the official's decision will be final. Ignorance is no excuse. Any modifications not covered in these rules will not be allowed unless approved by a Potomac Speedway Tech Official in writing.

Potomac Speedway 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 shall result from such alteration or specifications. Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final

Safety Rules for 2010 Racing Season

1. All vehicles are subject to periodic safety inspections.
2. Drivers must wear full firesuit, Nomex gloves and shoes are mandatory and approved 2000 or better helmet
3. All cars must have racing seat and 5-point harness with date stamped no more than 3 years old.
4. All cars must be equipped with a driver's side quick release window net which will be in place at all times when the car is on the speedway.

5. No rear view mirrors
6. No loose or jagged parts, no hanging parts
7. All cars must have a working fire extinguisher within drivers reach
8. No 2 way communication devices allowed
9. Raceceiver Radios are mandatory
10. Drivers must be able to exit both sides of car
11. All lead must be painted white with car # on it and secured

Potomac Speedway, Promoter

Greg Gunter