

**ABC Raceway  
2010 Pure Stock Rules  
Approved February 8, 2010**

The rules and regulations set forth herein are designed to provide orderly conduct of the racing events and to establish minimum acceptable requirements for such events. These 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 regulations. They are intended as a guide for conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator, or official.

The ABC Raceway Board of Directors and Officers shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in their opinion do not alter the minimum acceptable requirements. Any interpretation of, or deviations from these rules are left to the discretion of the ABC Raceway Board of Directors and its Officers. Their decision is final.

The insurance carrier determines age limit for the Pure Stock class. May be subject to change.

**SAFETY**

**HELMETS.**

1. Helmets are required and must be a minimum of a SNELL 2005SA rated.
2. They must be worn at all times when the car is on the racetrack and must accompany the car at time of inspection.
3. The helmet must have a face shield or eye ware protection, which must be in place when the car is on the racetrack.

**DRIVING SUITS.**

1. Driver's suit of flame retardant material is mandatory.
2. Two-piece suits. Top & bottom must be worn at the same time. Suit must be in good condition. (No holes).

**FUEL CELLS.**

1. Safety approved fuel cells are mandatory.
2. Fuel cells must be securely mounted to the frame or roll cage above the floor boards inside the trunk.
3. Maximum capacity of 32 gallons.

## **LOOSE OBJECTS.**

1. Loose objects and or weights will not be allowed in driver's compartment.
2. Weight added to any other area of the racecar must be securely mounted using a minimum of two (2) ½" grade 8 bolts through the weights.
3. Weights must be painted white and have your car numbers, minimum size of number of 1 ½", painted on them.

## **SHOULDER HARNESS, BELTS AND NETS.**

1. Must have a 5- point harness with crotch belt.
2. Competition shoulder harness and lap belt at least 3" wide is required.
3. No OEM factory shoulder straps or belts allowed.
4. Metal to metal buckles are required on the shoulder harness, lap belt and crotch belt.
5. The shoulder harness must be mounted at least 5" below the driver's shoulders.
6. Full sized window nets are mandatory.
7. All harnesses must be securely mounted to cage or frame.
8. All belts and shoulder harnesses should be no older than three (3) years.

## **DRIVE SHAFTS AND DRIVE SHAFT HOOPS.**

1. Must be painted white.
2. Drive shaft hoop is required and must be constructed of at least the equivalent of 3/8" x 2" steel and must be mounted no closer than five inches (5") and no further than nine inches (9") from the center of the u-joint at the back of the transmission.

## **BRAKES.**

1. All cars must have working brakes on all four (4) wheels at all times.
2. Stock type brake systems only.
3. Must be able to lock all four (4) brakes at any time.
4. Proportioning valve may not be removed or altered.

## **ROLL CAGE.**

1. Main cage must be a minimum of 1 ½" O.D., .095 mild steel tubing or .062 chrome moly tubing. DOM tubing recommended. All cages must be arc welded.
2. Must be a ¾ to full wide roll cage. No ½ cages.
3. All welded joints must be properly notched. No collapsing, hammering or smashing of the tubing to join them. All tubing must include full radius weld.

4. All cages must have a minimum of 1 1/2" diameter tubing extending vertically from where the front pillar bar and halo meet, down to the top door bar on the driver's side of the car. The same is recommended on the passenger's side.
5. All cages must have a main roll bar X – braced. All halos must have one cross bar of at least 1 1/2" tubing.
6. Minimum of three (3) door bars on the left side door (drivers side door), excluding the frame, a fourth door bar is strongly recommended. A minimum of 16 ga steel plate must be welded from top door bar extending down to at least the bottom door bar, extending length of the drivers compartment. Minimum of two (2) door bars on the right side door (passenger side) excluding the frame.
7. Roll cages must be frame mounted in at least six (6) places. If side rails are used they must be flush with the body.
8. The side door bars must be welded to the front and rear of the roll cage members.

## **EXHAUST.**

1. The exhaust system must be mounted securely and any joints between the pipes and/or the muffler must be welded (no clamps).
2. Exhaust system must also be mounted in such a way as to direct spent gases away from the drivers compartment and away from areas of possible fuel spillage.
3. No performance exhaust.
4. Stock cast iron rear dump exhaust manifolds only. No center dump exhaust manifolds or headers.
5. Heat risers may be removed.

## **PURE STOCK BODIES.**

1. All cars must have a complete factory production stock (steel) body. No hand made body parts allowed. No aluminum hoods allowed. Stock steel replacement door panels allowed.
2. Body must match frame. No intermarriage between manufacturers (GM to GM, etc.). External body must be stock and in stock location. No after market bodies. No boxed in cockpits.
3. Fire walls must remain stock and in stock location. Front must have factory stock mounts and must match mounting holes in frame. Floorboards may only be cut to receive cage with a maximum clearance of 2". Any excess material removed must be replaced with sheet steel only. Trunk area must remain stock. (No aluminum or plastic, etc.).
4. 1/2 of the windshield area will be covered with mesh, and three (3) securely mounted steel bars, minimum 3/8 solid steel.
5. Anything you can unbolt you can remove
6. No plastic parts.

7. Rear inner fender well may be separated from the fenders, but cannot be removed.
8. Wheel wells may be trimmed, but must remain stock appearing.
9. Rear nerf bars extending outside the body are allowed, must conform to PURE STOCK BODIES #10.
10. Rub bars allowed, must not extend more than  $\frac{3}{4}$ " beyond the body and must be tapered on the ends. Must be fastened securely to the car.
11. Headlight and taillight openings may be covered with steel.
12. No cones are allowed.
13. No ground effects, skirts or spoilers allowed.

### **CHASSIS AND WHEEL BASE.**

1. Any American made full-framed car, with a minimum of 108" wheelbase. (Tolerance 1").
2. No four wheel drives, no front wheel drives.
3. Must use stock bumpers for year, make and model. No sharp edges.
4. Two (2) chains per bumper must be mounted to the frame to secure front and rear bumper.
5. Minimum weight will be 3200 pounds, including driver after the race.
6. 110" minimum wheel base sub-framed cars permitted for Ford and Mopar. No GM uni-bodies. Sub-frames must be tied together.

### **MIRRORS AND RADIOS.**

1. No mirrors or radios of any kind allowed in the vehicle at any time.

### **BATTERIES.**

1. Batteries must be securely mounted and shielded.
2. Batteries mounted inside the passenger compartment of the vehicle must be in a marine case and must be securely mounted to the vehicle with at least one (1) 2" nylon strap with a metal fastener.
3. 12-volt batteries only. One (1) 12 volt battery only. No voltage increasing devices.

### **ASPIRATION AND FUEL.**

1. Carburetion: OEM only. Quadrajets (GM), Motorcraft (FORD), Thermal quad (MOPAR).
2. No racing fuel or additives. (92 Octane).
3. Fuel must be street legal pump gas.
4. Choke may be removed; all other components must remain stock.

## **SUSPENSION FRONT AND REAR.**

1. All front and rear suspension must remain stock for year, make and model. All suspension must remain in stock position/location as intended to be used by the OEM. No altering of suspension allowed.
2. Stock gas or hydraulic street shocks only. NO RACING SHOCKS.
3. NO RACING SPRINGS. Stock springs only. Springs must remain in stock position/location (no cutting of springs) and no extra spacers may be added. Right and left springs must be a matched pair on front and rear of vehicle. Height of springs can vary no more than 1/2", when matched rear-to-rear, front-to-front. No progressive springs allowed.
4. No offset upper A arm shafts allowed.
5. Upper A arm bolts must not exceed stock length.
6. No after market bushings.
7. Sway bars must be connected. Shims must be the same height side to side.

## **WHEELS AND TIRES.**

1. Only factory stock seven inch (7") wide wheels allowed. White, chrome or black spoke 7" wheels allowed.
2. No offset wheels.
3. No wheel spacers.
4. 70 or 75 series tires only. NO RACING TIRES.
5. M + S, or all season radials only. No snow tires.
6. One inch (1") lug nuts are highly recommended.

## **TRANSMISSIONS / DRIVELINE.**

1. Three (3) speed automatics only. All gears must remain in transmissions. Stock working torque converters only. Torque converter must match transmission and motor.
2. Rear ends must be stock for year, make and model. Differential gears must match rear end (7.5" or 8", etc.) and may not be modified to fit. Locked or stock Posi-traction rear ends are allowed. No spools allowed.
3. Hardened axles are allowed.

## **POINTS.**

1. Points only go to the driver or drivers designated prior to the first time the car is raced. A car owner must be designated at first race event and that is whom the paycheck will be made out to.

## HEADS.

1. Heads allowed: GM 305 Cylinder Head Numbers Allowed:

14010201 10065205 10065207 10159551 10159553 12509859  
14014415 14014416 14014440 14020555 14022301 14022601  
14022801 14039122 14039121 14101081 14102187 14102191  
354434 358741 376450

2. Ford 302 – (D80E, D70E, D50E), f1ze, f3ze, f4ze
3. Maximum valve size: GM (1.86 intake, 1.50 exhaust), Ford (1.78 intake, 1.46 exhaust), Mopar (1.78 intake, 1.50 exhaust).

## CAMSHAFTS.

1. Hydraulic cams and hydraulic lifters only.
2. Lift may not exceed 420. 421 will be illegal.

## ENGINES.

1. 307 Olds, 305 Chev., 302 Ford, and 318 Mopar. All motors must be stock OEM. No intermarriage.
2. No fuel injection/turbo.
3. No HP stamped motors (HP=228.305).
4. Stock or stock replacement, cast dished pistons.
5. No performance enhancing work on heads and block. Heads and crank may be trued .010 only. Maximum one (1) time only.
6. No grinding of castings, including block. Exceptions see ENGINES #5.
7. No vortex heads/intakes.
8. No interchanging or rocker arms, ratios.
9. No boring, shaving or grinding of engine block.
10. No degreasing of cams. No offset key in crank.
11. No double roller timing chain.
12. No screw in studs. No pinning of studs.
13. No roller cams
14. No balancing motors.
15. Cast iron or aluminum intakes only. Must match CID of motor. Quadrajet GM, Motorcraft FORD, Thermal Quad MOPAR.
16. Stock OEM ignitions only.
17. Stock replacement steel or aluminum radiators allowed.
18. After market gaskets allowed.
19. After market air filters allowed.

### **Disallowed if not allowed.**

If the rules do not specifically allow a part or component, or do not allow specific alterations or modifications to a part or component, than that part or component or modification is disallowed.

### **Teardown Procedures Race Cars Subject To Being Protested**

Any race car competing in the feature event, which; has a driver who executes a protest with a Board Member or Track Official prior to the start of the feature race and has tendered the required protest fee in cash.

#### **Protest Fee**

\$50.00 for the top end or \$100.00 for both top and bottom.

\$50.00 for the suspension or driveline. Three (3) items only.

The upper end teardown includes, but is not limited to: the removal of the carburetor, spacer plates or adapters, valve covers, intake manifold, exhaust manifold, valve train components and heads.

The lower end teardown includes, but is not limited to: removal of oil pan, crankshaft, rods and pistons.

Suspension and drive train includes but is not limited to three (3) items in this category: transmission, drive shaft, springs front and rear, rear end and all suspension parts and components.

#### **Disposition Of Protest Fee**

If, after teardown, the engine or racecar is found to be legal, 100% of the protest fee will be paid to the protested driver. If after the teardown, the engine or racecar is found to be illegal, 100% of the protest fee will be returned to the protesting driver.

#### **Protest Procedure**

After the feature race, a Track Official will notify the driver of the relevant racecar that his/her racecar has been protested. The protested driver shall then proceed directly to the designated area for inspection and teardown pursuant to the protest. Track Officials and allowed representatives will then proceed, in accordance with the class protest, to tear down the engine or suspension of the protested racecar.

## **Special Provisions Related To Protests**

A driver may only protest one car per race.

Only the Board of Directors and its Officers has the final word on the legality of the racecars involved in a protest.

No alcoholic beverages allowed during teardown.

The ABC Raceway and the Board of Directors and its Officers reserve the right to inspect, teardown and enforce the Pure Stock rules at any time prior, during or after the race program and retain the right to enforce all the rules and penalties herein written.

No person shall prevent or interfere with the protest procedure.

Any driver protesting any car the last three (3) weeks of the racing season will be subject to a mandatory inspection.

## **Right Of Impound**

The ABC Raceway reserves the right to impound any or all parts of the protested racecar.

## **Penalties And Sanctions Related To Protest**

If any engine parts or suspension, drive train parts are found to be illegal whether discovered through a post race inspection or teardown, as a result of a protest or in connection with inspection by Racetrack Official(s), there shall be a fine up to \$200.00, and or a suspension up to thirty (30) days and will carry over into the next season if applicable, loss of all points earned to date and forfeiture of all money and awards earned for that event. All penalties and sanctions shall be at the discretion of the ABC Raceway Officials.

## **Confiscation Of Illegal Parts**

The ABC Raceway and the Board Of Directors and its Officers will confiscate any illegal parts.

Confiscated parts become the property of the ABC Raceway and may be disposed of at its discretion.

## **Withdrawal Of Protest**

If a driver declares an intent to protest, and tenders the required fee, and then the driver changes his/her mind and withdraws the protest, then the driver forfeits all money and awards for the event, and shall lose all points earned to date.

### **Refusal Of Protest**

A driver, who refuses to allow an inspection or teardown pursuant to a protest, shall be subject to the penalties as listed in "penalties and sanctions" listed above.

### **Presence At Teardown**

Protest cars driver, or one (1) person selected by protested driver must be present. Pit crew as selected prior to teardown, ABC Raceway Board Members and its Officers, protesting cars driver, Track Official and Security.

### **Weekly Pure Stock Teching Procedure**

On completion of the feature race, at the winners circle, the winning car will draw a number, 1-6, the number drawn will coincide with the finishing position and will be the car that will be teched.

The top 6 finishing cars will proceed directly to the pit infield teching area. At this time the finishing position drawn at the scale will be announced and that position (car) will be the teched car. Another number 1-6 will be drawn again. The number drawn will coincide with the area of the car to be teched as listed below:

1. Complete rear end and gear inspection. Gear box cover must be removed.
2. Complete front suspension and springs inspection. Springs must be removed.
3. Complete carburetor and spacer inspection. Carb. and spacer must be removed.
4. Rear springs. Must be removed.
5. Cam shaft.
6. Heads.

**ALL DECISIONS REMAIN FINAL**