

## BUMP TO PASS RACING RULES

***This class is a special invitation only class. You are encouraged to apply with the promoter. If approved, you will receive a signed Bump 2 Pass card that must be presented at each event. Minimum driving age is 18 years old. The following minimum safety rules are minimum track policy. All cars must be built to the rules as written. All drivers WILL have “themed” cars! This is a No Yellow Flag class. This is the class where “Rubbin’ is Racin’!”***

1. Drivers must wear an approved fire suit, **neck brace**, and a Snell 2000 rated **full face** racing helmet at all times on the track. A five point racing approved seatbelt, window nets, and headrests are required. Seat belt must be 3” minimum lap belt and 2” shoulder harness. Shoulder harness must be fastened to the upright bar behind driver’s seat, with a minimum of a 3/8” bolt and anchored below shoulder blade level to be effective. Fire gloves are recommended. No sneakers, must wear boots. Racing shoes are recommended. Absolutely no passengers allowed at any time.
2. All car numbers are first come, first served on registration day. Drivers that raced the previous year will have first choice of numbers. NUMBERS MUST COMPLY WITH RULE NUMBER EIGHT (#8)
3. Cars must pass tech and safety inspections before racing. All cars will be kept up throughout the race season. No sharp, pointed or open edges allowed. These areas must be filed down or filled in. Demo cars allowed, must pass inspection. Cars that are smoking or leaking fluids excessively will not be able to race. Front visibility and hood area must past tech.
4. All trophy dashes are no contact. The heat races are bumping and rubbing only. The first lap of the main event is NO contact. No advancement of position on green flag starts or restarts (Regular racing rule). If there is spinning you will be black flagged and sent to the pit at the discretion of the flagman and the race director.
5. If you are unsure of a rule, check with an official before following through.
6. The points will be handled in the tower like all the classes. There will be a new points system.
7. Any passenger cars or station wagons are allowed. No pick-ups, SUVs, vans, convertibles, or exotic cars. Minimum wheelbase of 105”.
8. Roof top signs are required. Numbers must be painted on both sides of roof sign. Roof sign shall be 2’x 3’. Numbers shall be a minimum of two inches (2”) wide and a minimum of eighteen inches (18”) high. Sign must be made out of metal or wood. Numbers shall be painted in contrasting colors, **easily readable**, maximum of two (2) numbers - **NO LETTERS, or FLAGS.**
9. Cars must remove all glass (windshield optional). If windshield is removed, you will need to install a Lexan windshield. All outside chrome, plastic or trim, and flammable material inside the car must be removed. Must have minimum vertical bars of ½” x ½” mounted in the center of the windshield frame; inside and outside the windshield.
10. Stock gas tanks must be removed, with a suitable container securely fastened in the rear seat/trunk area. No bungee cords or tape allowed for securing the gas tank. The gas tank must be covered with a metal fire shield. There must be four (4) holes under or around tank

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for drainage. Drivers compartment must be sealed and have fire shield between cockpit and trunk. The gas tank may NOT be mounted near the back bumper. Circle track gas tanks are recommended. No racing fuel, must run pump gas no higher than 92 octane.

11. No gutting of the body panels. No excess or body armor on the fenders or quarters. No reinforcing of the fenders or quarters using tubing or other material.
12. Each car must have a stock front and rear bumper. Impact type bumpers should be welded solid. (You must drill a hole in the gas cylinder before welding, the cylinder is full of gas and may explode.) You may weld front and rear protectors/push guards to the bumper as long as they do not extend past the front of the bumper, are no wider than the fenders, no taller than the fenders, and the material may be no more than 2" in diameter or width. Down bars for front end protectors/push guards may not extend past the front of the A arm, cannot extend past the front of the front hoop, and cannot connect to the front hoop. Front end down bars should be welded to the frame horns in front of the upper control arm.
  - a. Same rules for rear bumper guards. Rear bumper guard down bars cannot connect to the roll cage down bars. Down bars must connect to the frame.
13. Front and rear bumpers must be strapped to the fenders, 1/4" plates minimum. The straps may not be taller than the stock bumper. The straps may be the length of the fender or quarter. The straps can have one or two bars welded from the fender/quarter to the frame.
14. Hoods and trunks must be pinned only. NO BOLTING.
15. All cars must carry a working fire extinguisher within drivers reach.
16. Driver's side door bar, and Passenger side door bar is required on ALL CARS. Minimum 6' long, minimum 6" wide, securely fastened with minimum 6" backing plates, with a minimum of four (3/4") bolts. Door bar must extend past the front and rear door seams between 4" to 8". No grader blades or flat plate. Channel or guard rail OK. Channel to car, not exposed. Edges must be trimmed at a 45 degree angle so not to catch on the other cars.
17. Cars must have roll cages and cross brace bars. Cars can run front hoops. Cars cannot have a horizontal bar over the motor running from hoop to hoop.
  - a. Cross braces are to be made of two inch (2") O.D. pipe or larger. Cross brace runs from door to door with a six inch by six inch (6" x 6") plate at each end behind driver. Also must have an upright brace from floor to top with six inch by six inch (6" x 6") plate at each end behind driver, and attached to center post. Both made of two inch (2") O.D. pipe, 1 3/4" x .095 roll bar tubing, or larger. Must have padded head rest.
18. Engine must remain in stock position. Engine must be stock block with stock heads. No porting and polishing. Aluminum intake manifolds okay. No high rise manifolds. Circle track oil pans okay. Roller tip rockers okay. Stud girdles okay. No racing ignition systems. HEI replacement ignitions okay. Must have air cleaner.
  - a. Any engine in any chassis as long as motor mounts remain in stock position.
  - b. Must run a two barrel carburetor no larger than 500 cfm.
19. Cars must run stock transmission. Automatic or Manual okay. Must run stock clutch assembly or stock torque convertor. No racing transmissions.
20. Drivelines must be painted white. Driveline must have a metal strap or chained loop maximum 12" behind front u-joint.

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21. Any make stock rear end, but stock rear ends only. No Floaters. Welded gears or spools okay. Stock posi-traction okay. No lockers.
22. Cars entering and on the track must have four (4) working brakes.
23. Electric fuel pumps optional. They must have an easily accessible ON-OFF switch located in a yellow square, with the OFF switch clearly indicated. If you use an electric fuel pump, your car must have the letter E painted next to your number.
24. Cooling system must remain in stock position. No antifreeze allowed. No fluid containers inside the car.
25. One twelve (12) volt CAR battery per car. Must be relocated inside the car, behind the driver, adequately secured to the floor and covered. The battery should be secured with two straps, such as seat belts. No milk crates or wooden boxes. Circle track battery holders recommended.
26. By accepting invitation to race all drivers agree and acknowledge that drugs and alcohol are NOT permitted and further consent to random testing.
27. Your seat will be bolted securely to the floor with a minimum of four 3/8" bolts and rest against the upright bar behind the seat. No exceptions. You must also have ample room between you and your steering wheel. You must also have a padded headrest. If you mount your seat to the floor, your lap belts must be mounted to the floor; if your seat is mounted to the roll cage, your belts must be mounted to the cage. Shoulder harness can only be mounted to the upright, and below shoulder blade level.
  - a. Steering columns must be collapsible. No welding of the steering column. The driver must have adequate room between themselves and the steering wheel. Quick connect racing steering wheels recommended.
28. Only DOT passenger tires are allowed. Maximum tire width is nine inches (9"). Tires are to be 400 tread wear or harder.
  - a. If you lose a tire from the rim, **you MUST stop.**
  - b. Cars can run stock wheels or aftermarket spoke wheels. Maximum wheel width is eight inches (8"). Right front wheels must have reinforcing plate/washers or be a race/spoke wheel. Maximum camber of 2.5".
  - c. Minimum ride height of five inches (5").
  - d. Must run stock size springs. After market springs okay.
29. Any unsportsmanlike conduct on or off the track will cost you a monetary fine and/or suspension. Any destruction of track property, such as the asphalt, grass, etc., will cost you a monetary fine and/or suspension. Repeat offenders will sit out the rest of the season. If you are suspended, so is your car.
30. Race cars will not be permitted to carry ANY onboard computers, micro-controlled processors, recording devices, cell phones, electronic memory chips, digital readout gauges or traction control devices without prior management approval.
31. All cars must have working exhaust; the exhaust must exit under and to the rear of the car, to the back tire.
  - a. No Full Headers. Shorty headers okay.
  - b. Cast iron exhaust okay.
  - c. Zoomies okay (Must be eight pipes out the hood). No upside down headers.

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32. No Yellow Flags during the main event. The Green and Red Flags will be used to run the Main Event.

**The above rules are Stateline Speedway rules. Either rule packages will be accepted at Stateline Speedway for bump to pass cars as we will be implementing the rules below in the future.**

## **1. COMPETING MODELS 108" Minimum Wheel Base tentative**

- a. Open to all V8 & V6 steel bodied **Cars ONLY**.
- b. No Imperial's, Hurst's or Limos. El Caminos OK
- c. Engine and radiator must remain in stock location any motor.
- d. No anti-freeze allowed, water only.

## **2. Body and Car Construction**

- a. Interiors of cars must be stripped of all flammable materials.
- b. All exterior molding, trim and lighting must be removed.
- c. All glass except the front windshield must be removed. Windshield may be replaced with 1/8" Lexan or expanded metal screen. Lexan or Screen must be securely attached and have two vertical braces in the center of the windshield. Braces must be securely attached.
- d. Steering wheel may be replaced with a quick release style. Highly Recommended.
- e. All insulation under the hood must be removed
- f. Battery must be securely fastened. May be relocated to passenger compartment. Must be fully enclosed in a battery box. Box must be securely mounted to floor or cage.
- g. Exterior bracing, Bumper reinforcement and nerf bars approved.
- h. Front bumper may be reinforced.
- i. Front and rear firewalls be must complete. No holes. (Pre Ran Derby Car's may be cut back slightly and filled in with metal and have NO holes)

## **3. ROLL OVER PROTECTION**

- a. Post and Door Bar Cars (Cages highly recommended)
  - i. 2 vertical upright bars made from a minimum of 1 3/4" .095 pipe. Must have steel plates welded to the top and bottom of the upright and be securely bolted through the floorboard and roof with backer plates. 1/2" grade 8 hardware required
  - ii. Uprights are required to have a leg that extends off of the top of the upright down to the floor at an angle. The floorboard end must be plated and welded or bolted to the floor.
  - iii. There must be a horizontal pipe that connects the 2 uprights together at the roof.
  - iv. 8" channel iron door bar is required for the driver's side, 8" channel iron for the passenger's side. Must extend past the front and rear door seams and be securely bolted in place.
  - v. A 4 point or 6 point cage is Highly Recommended.
  - vi. Doors must be welded, bolted and/or chained shut.

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## **4. Fuel Tanks (Fastened with 4 ½" Bolts and Oversized Washers NO STOCK TANKS ALLOWED)**

- a. Relocated tanks must be mounted in the trunk area as far forward as possible.
- b. Derby Tanks are allowed. Gas tanks may be bolted to rear seat bar, but you must use a gas tank protector. It must be a maximum of 36" x 36" AND have a minimum clearance of 8" from the interior door skins on the sides and a 1" minimum clearance from all other sheet metal.
- c. Boat/Jerry cans must be completely shielded from the driver.
- d. A commercially manufactured fuel cell is highly recommended.

## **5. Battery (Fastened with 4 ½" Bolts and Oversized Washers)**

- a. Factory location is allowed. Must be properly secured down
- b. Relocation is allowed. Must be in a battery box. Must be securely mounted.
- c. Maximum 2 – 12 volt batteries, either securely fastened under the hood in stock location or inside the car in a securely fastened metal box.

## **6. Tires**

- a. Any tire can be ran on an 8" wheel. **(Do not keep driving on racing surface if you have a flat tire.)**

## **7. Track**

- a. **No Protesting.**
- b. **Flagman makes final decisions.**
- c. **Any tire that gets popped driver must get off the racing surface slowly to not destroy the asphalt.**
- d. **If your bumpers are dragging you must stop immediately do not keep driving on racing surface.**

## **HELMETS**

- 1. Drivers must wear a helmet meeting the specifications set forth in The Federal Regulations, Federal Safety Standard, or meet the specifications set forth by the American National Standards Institute Inc. at all times on the race track.
- 2. Snell SA2010 or newer only. Full face helmets required. NO EXCEPTIONS.
- 3. The driver must wear the helmet in accordance with the directions provided by the helmet manufacturer. Any modifications to the helmet for any purpose should not detract from its effectiveness.

## **HEAD AND NECK RESTRAINT DEVICES**

- 1. It is strongly recommended that at all times during any event (practice, qualifying and competition) that the driver wears a head and neck restraint device.

## **SEAT**

- 1. Aluminum racing seat is highly recommended.
- 2. A minimum 6" X 8" square padded headrest securely installed is required on all cars. No extra head rest needed on high back bucket or racing approved seats as long as the upright is within a couple of

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inches of back of the seat and their head (helmet) hits the headrest on back of the seat. You can use stock headrests. Padded pipe/upright posts are not acceptable.

#### **F. SEAT BELTS**

1. A quick release lap belt of no less than 3" wide is required. Both ends of the lap belt and both ends of the shoulder harness must be fastened to the roll bar with Grade 8 bolts not less than ½" in diameter.
2. The shoulder harness and lap belts must be bolted so that the ends of the belts move freely. Shoulder harness must be no less than 3" wide and must come from behind driver's seat max 3" below the driver's shoulders or less than 10 degrees. Where the harness crosses the roll cage, it must pass through a steel guide welded to the cage that will prevent the harness from sliding side to side. Shoulder harness inertia reels cannot be used.
3. A center or submarine belt must be mounted to the lower seat frame at the bottom.
4. Where the belt passes through the seat edges, it must have a grommet installed, be rolled and/or padded to prevent cutting.
5. All seat belts and shoulder harnesses must connect at the lap belt with an approved quick release buckle.
6. Seat belts must be dated by the manufacturer.

#### **G. WINDOW NET**

1. A nylon window screen is mandatory. It must be 22" wide and 16" high. It must release from top with seat belt type latches, and it must be fastened to the roll cage top bar and highest driver's door bar on the cage.
2. The window screen must be rib type made from 1" wide nylon material with a maximum of 1 ¾" square between the ribs.

#### **H. FIRE EXTINGUISHER**

1. It is mandatory that each car have a fire extinguisher within the driver's reach.
2. It is strongly recommended you have built in, fully charged Halon 1211 or equivalent fire extinguishing equipment with a visible operating pressure gauge, but it must not be dry powder or liquid type. The fire extinguisher must be securely mounted. (No fire extinguisher may be secured by duct tape, zip ties or wire.)
3. All entrants must have in their pit area at all times a fully charged minimum 10-pound capacity dry chemical Halon or its equivalent with a visible operating gauge and current inspection certificate

For questions on building your car, you can call the Technical Director or Promoter.

**THIS IS NOT A "TRY AND HURT YOUR COMPETITOR", IT IS NOT A DEMO DERBY, AND IT IS NOT CRASH TO PASS. IT IS A SPORTSMAN LIKE "RUBBIN' IS RACIN' " FUN CLASS.**

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