

Richmond Good Old Days **Demolition Derby** Official Rules & Regulations
Saturday, September 10th, 2011 @ 4:00pm

Each driver and mechanic has an obligation to read these rules. There will be NO exceptions to any of the following rules.

In the interest of safety drivers and mechanics are subject to and must obey the following rules and regulations prepared by the festival officials.

- A. Each driver must fill out an entry blank. All drivers must supply their own cars. **ONLY ONE ENTRY PER PERSON.** Proof of ownership is required on each car entered
- B. All drivers and/or pit persons 16 or 17 years of age must have notarized release signed by his/her parent or legal guardian. No one under the age of 16 can drive or be in the pit area.
- C. Richmond Good Old Days Festival reserves the right to approve or reject any and all entries.
- D. **NO POSSESSION OF ALCOHOLIC BEVERAGES. ANY DRIVER OR PIT PERSON UNDER THE INFLUENCE OF ALCOHOL OR DRUGS WILL BE IMMEDIATELY DISQUALIFIED AND REMOVED FROM THE GROUNDS.**
- E. Any driver or crewmember disobeying the rules will cause his/her car to be disqualified. Drivers are responsible for the actions of their crewmembers.
- F. The promoter, track owner or Richmond Good Old Days Festival Board will not be held responsible for any cars, parts or personal property before, during and after the show or overnight.
- G. Towing and transporting cars to and from the race locations must meet highway safety codes including proper light controls, safety chains, tow bars, towing trailers, etc.

TYPE of CARS & PREPARATION

1978 or newer GM's or 1980 to 2002 cars and stations wagons of other makes. No Suburbans, Vans, Jeeps, or Convertibles.

NO ENGINE CRADLES are allowed

1. General preparations

- Remove the following before arriving to the track. All air bags, glass including windshields, side windows and rear windows, head and tail lights.
- **ROLLING WINDOWS DOWN IS NOT PERMITTED.**
- Chrome molding strips and the bottom portion of rear seats must be removed.
- Carpet and interior fabric to be removed. Any sharp protruding fins or dangerous objects must be mashed down or cut off.
- Auto must be swept clean of all broken glass and debris. No junk tires, wheels, metal parts, etc allowed in the car.
- Driver's door and center of door must be painted white for safety and numbering. Special numbers are permitted. NO profanity allowed on any portion of the car.

2. Competition Rules

- NO WELDING of any kind to any vehicle once it has been inspected.
- No head-on collisions and no hitting driver's door. No teamwork allowed. No fighting, alcohol or drugs allowed.
- **Each driver and mechanics must sign in at the registration desk the day of the show and have their car inspected at least 2 hours prior to the event start time.**

- All cars will be off the festival grounds 1 hour after the completion of the event.

NO EXCEPTIONS.

- **Automatic disqualification if car starts on fire or rolls over during competition.** Track officials decisions are final on this rule.
- A fire extinguisher at close reach of the driver is recommended.
- Safety is **IMPORTANT**. Officials have the ability to disqualify a car for any safety concerns. Decisions of the officials are final.
- A \$50 dollar protest fee is required to protest another car. Only one protester, car, driver and track officials are permitted in designated area.
- Hits must be aggressive. A limit of no more than 30 seconds will be strictly enforced by track officials for re-starts and making contact with another car.
Simple contact within the time limit does not constitute combat and will be considered sandbagging. **NO** teamwork allowed.

3. Bumpers

- Bumper height: maximum 30" to the top of the bumper.
- Must be automotive type only. Welding of shock tubes is allowed. Bumpers must remain in original location.
- Bumper ends may be cut but **cannot be left sharp**.
- **FRONT:** You may weld a 1/4" thick x 3" wide x 10" long plate from top of bumper to top of frame horn. **Two places only, top side only.** If plate is not used, bumper must be chained to frame.
- **REAR:** You may weld a 1/4" x 3" wide x 10" long plate from top of bumper to car body under trunk lid. **Two places only, top side only.**
Do not weld to trunk lid. If plate is not used, bumper must be chained to frame.

4. Engine

- Radiators must remain in original position or be taken off. Comparable replacement radiators are permitted.
- Over flow tubes **MUST** drain towards the ground and be secured in place.
- No antifreeze allowed in the radiator. **WATER ONLY.**
- Transmission coolers are permitted, but only if they are secured inside the engine compartment.
- Engine exhaust if coming out of the hood must be exhausted straight up.

5. Driver's Compartment

- You may place one bar across the dash, a driver and passenger side door bar, and one bar behind the driver's seat.
- The bar behind driver's seat cannot extend more than 8" beyond front door seam. You may weld or bolt this into place. There will be **NO** kickers extending anywhere from these bars.
- You may place 1/4" plate 6" x 6" where dash bar and bar behind seat meets car body.
- If you do **NOT** place a driver's door bar inside the car, you **must** weld a plate on the outside of driver's door. This plate will be at least 1/4" thick, 6" tall and no longer than 8" in either direction beyond door seams.
- Firewall on car may be cut, but all openings must be adequately covered. Gasoline and battery cables may be routed through firewall.
- A strong wire screen or nylon mesh screen is recommended in driver's window and windshield areas.

- A metal strap or chain from roof down to cowl is required. **No welding.**
- Plexiglass is permitted in driver's windshield.
- Floor boards must be adequate.
- Safety belt, Z-90 approved helmet, full face recommended, goggles or face shield required. Leather shoe or work boot required.

6. Roll Protection Bar

- You may place a bar from driver's door bar up across roof and down to passenger side bar.
- The cross over bar may be above or below roof of car and must be attached to roof. The upright bars may extend down to floor sheet metal only.
You may use a ¼" plate no longer than 6" x 6" to attach to floor sheet metal. **Do not attach to frame anywhere.**
- **Absolutely no other bars or kickers allowed.**
- No bars to exceed 3" in diameter or a 3" x 3" tube.
- A vehicle will be disqualified if driver's door opens at any time.
- All doors must be fastened shut by wire OR chains OR all doors can be welded on the OUTSIDE ONLY. NO other welding on the car body or frame except bumper plates explained above.

7. Electrical

- Only one automotive battery is allowed. Battery must be removed from the original position. Battery must be placed inside a STEEL container/box with a STEEL bottom that must be securely fastened and covered in the driver's compartment. Container/box must not exceed 14" x 14". **Absolutely NO milk crates or wooden boxes!**
- Toggle style ignition switches are recommended.
- **Electric fuel pumps must have a tether shut-off switch near the driver's window on dash.**

8. Hood

- Hood must be wired in 4 places only. Each using #9 wire, 2 strands of wire per hole **or** you may use hood pins that attach sheet metal to sheet metal and must be able to be removed without using tools.
- It is mandatory that an opening be cut in the center of the hood measuring 16" or larger in diameter.
- Hood must be bolted to hood hinges.
- At least one metal bar or chain from roof down to cowl is required. **NO WELDING.**
- Absolutely **NO** adding metal or reinforcements to core support/radiator area.

9. Trunks & Tailgates

- Quarter panels may be cut.
- Quarter panels **MUST REMAIN IN ORIGINAL SHAPE. DO NOT PRE BEND.**
- You may cut out drip edge from quarter panel to allow lid to be pushed down into trunk area.
- If you push down trunk lid, **IT MUST NOT BE PUSHED DOWN MORE THAN 8" BELOW TOP OF QUARTER PANEL.**

- If needed a 2" x 4" will be placed from quarter panel to quarter panel and measured down. If trunk lid is pushed down too far, it will be pulled up using an on-site backhoe.
- Trunk lid must remain bolted to hinges.
- You may push down speaker deck for better visibility. No more than 8".
- Trunk lid must be wired in 4 places only. Each using #9 wire, 2 strands per hole. You may only attach from sheet metal to sheet metal. **NO WELDS.**
- You may cut a hole in trunk for visibility, not to exceed 2' x 2'.
- Cutting fenders for wheel clearance only is permissible.
- Any added, replacing or covering of rusted sheet metal must be done with the same gauge of sheet metal thickness.

10. **Frame**

- **NO ENGINE CRADLES**
 - Frame may be cut, notched, or peened down to achieve a controlled bend.
 - Welding frame seams from A arms forward only is permitted.
 - **STATION WAGONS:** roof post must be in stock position, creasing roof is allowed. Tailgate must be wired in 4 places or removed completely.
 - **NO "SEDAGONS"**
 - No skid plates of any kind.
 - No engine cradles or pulley protectors.
 - On fresh cars you may weld a 1/4" x 4" x 6" plate over rear outside frame hump only. Previous run cars that frames are bent may be plated in the same way.
 - **Absolutely NO** cutting to frame area near firewall to create a negative bend.
 - Welded solid of chained down engine mounts are recommended.
 - **NO PAINTING OR UNDERCOATING THE FRAME OF ANY KIND.** Welding, bolting or chaining any part of body to frame is **NOT** permitted.
- All body and core support washers can not exceed 3" in diameter; bolts cannot exceed 7/16" and must be through one thickness of the frame only.

11. **Suspension**

- Ford rear ends allowed. **Only OEM-** no after market or fabricated housings/shafts.
- Suspension must be stock. No air shocks and/or blocks.
- No locked up suspensions (must move freely up & down). No spring jacks or shackles.
- You may tilt the rear end by lengthening or shortening the trailing arms. Must be of passenger car origin and must operate.
- Rear end braces are allowed, but they may serve no purpose other than to strengthen the rear end housing. They may not extend from the rear end further than 6" and may not be higher than the top of the axle tube.
- Spider gears may be welded
- Shocks must be used or taken out. No bolts in place of the chocks to limit suspension movement.

12. **Fuel Delivery System**

- Stock gas tank must be removed from its original position and replaced with an approved gas tank, such as a boat motor tank or snowmobile tank.

- Fuel tank will be placed ahead of the rear axle not further forward than the rear of the driver's seat.
- Steel tanks must be bolted or secured to the car. Plastic tanks must be secured in a steel coffin and bolted securely to the car.
- All gas tanks must be covered.
- Gas tank protector can go back to rear fire wall sheet metal, but cannot be welded or bolted to rear fire wall sheet metal.
- Gas tank protector may be no wider or cannot exceed 26" in width outside to outside measurement.
- If officials feel that cage is too excessive you will have to cut it.
- **GASOLINE ONLY.** Absolutely no alcohol fuel.
- Electric fuel pumps must have a tether shut-off switch near the driver's window on the dash.
- All fuel lines through interior of car must be steel or braided steel line. A maximum of 12" of non-steel/braided steel gas line hose and clamps can be used for coupler off the auxiliary tank.

13. Tires

- No double tires or liquid in tires.
- No studs or screws in rims to hold tires.

14. Brakes

- Vehicles must have dependable brakes at all times.

▶ **BOUNDARIES MUST BE OBSERVED AT ALL TIMES. ANY CAR SHOVED OR DRIVEN OUT OF BOUNDS MAY BE IMMEDIATELY DISQUALIFIED IF OFFICIALS FEEL IT IS A SAFETY HAZARD.**

▶ **PLEASE LEAVE PIT AREA NEAT & CLEAN OF ALL GARBAGE.**

These rules supercede any and all rules previously used. These rules are subject to change without notice according to Richmond Good Old Days Festival Board of Directors. **DECISIONS OF TRACK OFFICIALS ARE FINAL!**