

# 2021 Western Carolina State Fair Demo Derby Aiken, SC \$2,000.00 Purse & Trophies

6 & 8 Cylinder Auto's  
Saturday Oct. 30<sup>th</sup> 2021  
7:00 P. M.

## RULES AND REGULATIONS

- A. EACH DRIVER MUST FILL OUT AN ENTRY BLANK.**
- B. ALL RULES AND REGULATIONS MUST BE OBSERVED.** Track operators or promoter reserves the right to approve or reject any and all entries.
- C. ONLY DRIVER AND ONE (1) MECHANIC** will be permitted in the pit area or on track. **ARM BANDS WILL BE ISSUED AND MUST BE DISPLAYED AT ALL TIMES.** The entry fee must be cash, money order, or company check. **NO PERSONAL CHECKS.** Entry fee - \$35.00 If entered at the track day of derby you will be required to pay a **\$10.00 late penalty.**
- D. BOTH DRIVER AND MECHANIC** must be present when vehicle is inspected and certified. Also both must be present at driver-mechanic overview meeting held one hour before event.

**E. MEMBERS OF THE AUTO DEMOLITION DERBY** are not employees of the track operators or the promoter of the Auto Demolition Derby. No Alcoholic beverages are allowed in pit area. Drivers or Pit crews caught drinking disqualifies their car and driver.

### DRIVERS ENTRY

- 1. DRIVERS MUST BE 18 YEARS OF AGE** and have a valid driver's license in their possession. ( 16 years of age with a notarized parental medical statement obtained from Stoney Roberts Headquarters.) Call # 1-865-382-1955 to obtain form..
- 2. ALL DRIVERS MUST SUPPLY THEIR OWN CARS.** You are limited to two (2) Full Size cars each night for this show. ( must be different class, different size type vehicles) No two alike on same session. One (1) can be a Station Wagon. **ALL DRIVERS AND CARS** must be entered and at the Fairgrounds 2 hours before the scheduled starting time of derby.
- 3. PARTICIPANTS** are required to **SIGN A RELEASE AND WAIVER** of Liability and indemnity agreement **BEFORE ENTERING** any **RESTRICTED AREA.**

**4. ENTER EARLY THERE WILL BE A QUOTA SET PER DERBY.** Drivers may enter all derbies. Upon payment of entry fee, and receipt of your entry blank, you will be assigned a vehicle number. You must paint the number authorized you on your front driver, and passenger doors in contrasting paint 24 letter size. Do this only after being issued an Authorized Vehicle Number.

### PARTICIPATION REGULATIONS

**1. 8 Cyl & 6 Cyl FULL-SIZE DOMESTIC or FOREIGN, STOCK HARDTOP AUTOMOBILES OR STATION WAGONS ARE ALLOWED. THIS INCLUDES FOREIGN AUTO'S.** Front wheel drive's are permitted. Full size cars must have a wheel base of 105 or greater. Wheel base is measured from center of hub to center of hub. No Chrysler Imperials, trucks, Jeeps, hearses, limo's, ambulances, convertibles, S U V's, or Rear engine auto's. **No all wheel drive vehicles.**

**2. ALL GLASS AND CHROME TRIM** and anything that might become embedded in the track, must be removed from the car **before** bringing auto to the grounds. Also, car must be cleaned out, including trunk. Fire walls must remain in place. They cannot be sectioned or deleted. **Do not** leave broken glass in doors, clean them out. **WINDSHIELDS MUST BE REMOVED.** All **AIR BAG SAFETY SYSTEMS** ( this includes activation charges) must be removed. If air bag or activation charge is deployed during heat you will automatically be disqualified.

**3. TIRES MUST BE STOCK SIZE,,** No More Than 6 Ply Maximum rated 65 PSI pressure. **Mud & Snow okay, (LT's ) light truck tire okay.** No inner liner, no paddle tires with tractor or A T V aggressive tread. No recapped tires with aggressive tread or any type one directional tires. No fork lift tires, no skid loader tires, No spoke rims, valve stem guards, or tires held on by being screwed to the rims. Tires can only be filled with air, no fluids or solids ( tires within a tire are considered reinforcements ) ( tires marked tubeless may have tubes inserted in them). Remove all wheel balance weights.

**4. A MAXIMUM OF FIVE (5) GALLONS OF GASOLINE WILL BE ALLOWED. GAS TANKS** behind the axle should be moved to the trunk or to the driver's compartment back seat area. If in drivers compartment the tanks must be **completely** covered by a **Metal** firewall. **No original tanks** will be allowed within the driver's compartment. If gas tanks are located **in front of the rear axle** they can be left in place but Should be covered with a **skid plate** ( between ground and tank) to prevent them from being damaged, from the ground side. Only unleaded gasoline with a maximum octane level of 93 will be permitted. **BOOSTED or RACING FUEL** will not be allowed. If you have a car equipped with a fuel pump in the gas tank, you must install an emergency cut off switch upon the dash with a red circle painted around it. No external fuel pumps will be allowed within the drivers compartment. If you run gas lines in the drivers compartment they must be double lined & double clamped. (a fuel line within another line.) It is strongly suggested that you consider a **FIREPROOF PROTECTION SUIT** for this competition.

**5. ONLY ONE (1) STOCK BATTERY** is allowed. A maximum of **1,200 cold** cranking amps will be permitted. It must be encased in some way to catch any leaking acid if it should become ruptured. It may be moved into the passenger floorboard. Must be mounted & covered for participants protection. Do not place battery in the passenger seat.

**6. NO REINFORCEMENTS OF ANY KIND WILL BE ALLOWED.** Only exceptions will be the driver side front door, and you may insert a dash bar from "A" Pillar to "A" Pillar ( Max 2 ½ Dia. on all bars ) if you remove your dash. If you have a car with no "B" pillars you may create "B" pillars. If you use a seat bar it may go from "B" pillar to "B" pillar. However if a seat bar is used you must also wear a neck collar or neck brace to prevent whip lash. Trailer hitches or any types of stiffening devices are considered reinforcements. You may **Weld** rear ends or differentials to create a positive traction rear end. Rear-ends cannot be chained. No Truck Rear-ends. No flipping of Rear-ends. No leaf spring conversions, or leaf over conversions will be permitted. No solid shocks or adding extra clamps or springs to suspension (suspension must work). Vehicles that comes stock with leaf springs can have no more than six leaves per side. Welding / pinning of bumper shocks are considered reinforcements. Maximum bumper height is 24 inches from the ground to the center of the bumper for 6 & 8Cyls. **Bumper swaps** will be permitted if the bumper you use was manufactured after 1980. However Impala & New Yorker bumpers ( especially the pointy nose which are rear angle reinforced ) can not be swapped at all. Bumpers swapped cannot be held on by bolts over a ½" in Diameter. You may insert up to three bars in the windshield opening to prevent hood collapsing back upon driver. No hard nosing of Front Ends or Rear Ends. No solid welded Motor Mounts. Motor Mounts must have Rubber between the Frame bracket and the Motor bracket. No chaining of motor mounts. No tilted frames. No slip drive shafts. No cradles of any type. No chaining of transmission mounts, or bracing of rear ends,. No exterior halo bars

**7. STANDARD EXHAUST SYSTEM** may be removed or cut off just aft of the fire wall. Additional headers, stacks, or custom manifolds **cannot protrude more than 16" inches** past the natural level of the hood. Nor can they pass through the body of the car etc. Do not position exhaust to deflect the heat out to the side of the vehicle.

**8. DO NOT WELD OR BOLT** hood or trunk lids down with any type all thread bolts or rods.. Use wire only on up to six points of hoods. Trunks can be chained shut in four places only. Doors must be Chained shut or welded (Chain must be used on at least one door to allow for quick removal of injured participants). If doors are welded a maximum of three (3) , four inch (4 ) welds in length on the two vertical seams per door will be permitted. **No welds on top or bottom of door !** If a driver's side door comes open, he or she will be disqualified.

**9. A 12 BY 15 INCH HOLE** must be cut into the center of hoods, to allow for early fire detection. **ALL Metal Fan Blades** must be removed. They maybe replaced with poly-carbonate plastic blades. Only exception will be if your car is equipped with a slip clutch fan blade and fan shroud or **came stock** with an **electric fan** and shroud. You may create your own fan shroud out of some type of thin metal material & replace stiff original fans with slip clutch fans. Slip clutch fans must be able to move. You may use electric fans ( only one) on cars that did not come equipped with them from the factory.

**10. PRIOR TO BRINGING CARS TO FAIRGROUND** radiators must be drained and back flushed of all antifreeze coolants. They then can be refilled with water or any of the new naturally biodegradable coolants. They must stay in the original position if used. You **must evacuate** all air conditioning apparatus (lines & pumps) and gas refrigerant coolants from your vehicle. Transmission coolers may be used but must stay within the engine compartment ( under the hood).

**11. SAFETY BELTS, HELMETS (DOT approved), AND IMPACT RESISTANT EYE PROTECTORS** are required. If car was equipped with a shoulder restraint system including lap belt, both must be used. Driver can be disqualified at any time if either belt or helmet is removed during a heat. Driver's must wear long sleeve shirts & pants or coveralls ( it is suggested that you consider wearing a fire retardant suit of some type if you have moved your gas tank within the drivers compartment of the car). No electronic communications between driver and any other individuals permitted. **NO TWO WAY RADIO'S.** No deliberate head-on collisions or deliberately ramming a driver's door. This can lead to disqualification. A **TIME LIMIT** will be set by the judges. IF A DRIVER DOES NOT HIT A LIVE CAR WITHIN THE TIME LIMIT, this can lead to disqualification. **No Possums**

**12. This DERBY** will be composed of individual heats each day and a **CHAMPIONSHIP FEATURE HEAT** held at the close of the evening event. Cash prizes, including trophies for each heat winner also grand prize, and trophy to the feature winner. Feature heat will include winners from each heat event. The show will have a designated **Best Appearance Theme** as denoted on the entry blanks. The show will also have a Best Mechanic award.

**13. ALL CARS MUST BE REMOVED** FROM GROUNDS BY THE OWNER NO LATER THAN 8:00 A. M. THE NEXT DAY FOLLOWING THE DERBY. THIS IS YOUR RESPONSIBILITY, so make arrangements before derby time. **ADDITIONAL SAFETY REGULATIONS** MAY BE IMPOSED depending on the track. Rules are subject to change to fit the event. If you have any safety concerns, Call 1-865-382-1955 **ANY DRIVER NOT OBEYING THE RULES WILL BE DISQUALIFIED.**