

# Western Carolina State Fair 2022 Aiken, SC

## 4 & 6 Cylinder Double Figure 8 Scramble Derby

Wednesday 19<sup>th</sup> 7:30 P. M. October

### RULES AND REGULATIONS

**A. EACH DRIVER MUST FILL OUT AN ENTRY BLANK.** Entry blank denotes guaranteed cash purse offered.

**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 PER VEHICLE

**D. BOTH DRIVER AND MECHANIC** must be present when vehicle is inspected and certified. Also both must be present at the driver-mechanic overview meeting held one hour before the event. No one under the age of Sixteen (16) will be allowed in staging, pit, and competition areas.

**E. MEMBERS OF THE AUTO DEMOLITION DERBY are not employees of the track operators or promoter of the Auto Demolition Derby.**

### DRIVERS ENTRY

**1. DRIVERS MUST BE 18 YEARS OF AGE** and have a valid driver's permit in their possession. (16 years of age will be allowed with a notarized parental medical statement obtained from STONEY ROBERTS Headquarters). Call # 1-865-382-1955.

**2. ALL DRIVERS MUST SUPPLY THEIR OWN CARS.** You are limited to **One (1) 4 Cyl Car and One (1) 6 Cyl Car per show.**

**3. ALL DRIVERS AND CARS** must be entered and at the track 2 hours before starting time of the derby to undergo inspection & certification to compete.

**4. PARTICIPANTS** are required to **SIGN A RELEASE AND WAIVER** of liability and indemnity agreement **BEFORE ENTERING** any RESTRICTED AREA.

ENTER Early - Starting Positions for each Qualifying heat will be determined by sign-up entry date. First to enter will be given number of their choice. You must paint the number authorized you, on your front driver, and passengers' doors in 24 inch or bigger letter sizes.

### PARTICIPATION REGULATION

**1. 4 Cyl & 6 Cyl FRONT WHEEL & REAR WHEEL DRIVE !** You may use stock hardtop, coupes, sedans or station wagons, front engine, foreign or domestic automobiles. Maximum wheel base of 105 inches - Minimum wheel base of 88 inches. You may use all wheel drive auto's. No diesels, no electric / hybrid vehicles, no mid-engine cars. No 4 wheel or Mini SUV's. No Mini Subcompacts or Micro Vehicles permitted.

**2. ALL GLASS, PLASTIC, 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, or trunk clean them out. **WINDSHIELDS MUST BE REMOVED.** All **AIR BAG SAFETY SYSTEMS** ( this includes activation charges ) must be removed.

**3. TIRES MUST BE STOCK SIZE,** DOT 4 ply only, Maximum rated 45 lbs PSI pressure, Spare donut tires will be permitted. **Mud & Snow okay. NO** studded, no inner liner, no truck or light truck tires (LT's), no paddle tires with tractor or A T V aggressive tread, no all terrain. No spoke rims, valve stem guards, or tires held on by being screwed to the rims. No trailer tires, skid steer, bob cat, fork lift type tires. Tires can only be filled with air, no fluids, foam or solids ( tires within a tire are considered reinforcements ) ( tires marked tubeless may have tubes inserted in them.) Remove all wheel balance weights inside and out.

**4. A MAXIMUM OF FIVE (5) GALLONS OF GASOLINE WILL BE ALLOWED.** GAS TANKS behind the axle should be moved to the interior driver's compartment back seat area. They must be **Metal** (such as a Metal Boat tank) **no plastic tanks. No original gas tanks will be permitted inside the drivers compartment.** If replacement tanks are relocated to back seat area they must be **completely** covered by a **Metal** firewall, you must make several holes in the floor board ( min 2 inches in diameter) to allow for drainage. They can not be located past the B" pillar or past the drivers seat back side. 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.)

**5. ONLY ONE (1) BATTERY** Passenger car or Marine will be allowed. A maximum of **1,200 cold** cranking amps will be permitted. It must be incased in some way to catch any leaking acid or fluids if it should become ruptured. It can be in front floorboard area. Must be mounted & covered for participants protection. No heavy Equipment batteries allowed. **Do Not Place Batteries with-in the passenger seats.**

**6. NO REINFORCEMENTS OF ANY KIND WILL BE ALLOWED.** Only exception will be the Driver side & Passenger side front door. Reinforcement bar or plate may be added to the driver side & passenger side out-side door Maximum 3" in width and not to exceed seven inches (7") past the vertical seams of the door. You may insert a dash bar maximum 3" in diameter from "A" Pillar to "A" Pillar if dash is removed. You may use a seat bar behind the drivers seat from "B" pillar to "B" pillar Maximum 3" in diameter. You may connect the dash bar and seat bar together with a bar on inside of driver-side door Maximum 3" diameter. This would create a three point **(C) Cage.** Do not connect them on the passenger side. Do not attach dash bar or seat bar to the frame or floor board attach them to the **A & B pillars.** **If you use a seat bar you must wear a neck collar or neck brace** to prevent whip lash. Trailer hitches or any type of stiffening device are considered reinforcements. Remove all trailer hitches and mounting hitch braces and brackets. No solid shocks or adding extra clamps or springs to suspension **(suspension must work).** No Halo Bars.

**7. BUMPERS.** You may use stock bumper. If your car was originally equipped with a plastic, aluminum or fiberglass bumper it may be replaced with any 1984 or newer stock automotive 4 or 6 Cyl metal comparable bumper. No 8Cyl or 6Cyl full size car bumper swaps will be tolerated. Bumper shocks will only be allowed 1-3/4" maximum on tube diameter. Bumpers may be bolted, wired or Tack welded in the factory, stock location. Swapped bumper bolts cannot exceed 1/2" in diameter with up to eight (8) bolts. Bumper may be cut down to size and can be no wider than stock factory bumper. Bumper ends must be cut and smashed. No sharp ends. No homemade bumpers. Maximum bumper height is 20 inches from the ground to the bottom of the bumper for all cars. Questions ? Call the office at 1-865-382-1955.

**8. STANDARD EXHAUST & CAR SHIFT.** You may cut exhaust off just aft of the front seats. You may add additional headers, stacks, or custom manifolds. **However they cannot protrude more than 16"** past the level of the hood nor through the body of the car. You may replace the car shift-er.

**9. 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. All doors must be Chained shut or welded (Chain is preferred 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. You should attach two vertical metal rods or chains approximately 12 inches in from each end of the windshield opening to prevent hood coming off of hinges and collapsing back in to the driver compartment..

**10. A 10 BY 12 INCH HOLE** must be cut into the hood, to allow for early fire detection. **ALL Metal Fan Blades** must be removed. They may be replaced with poly-carbonate plastic blades. Only exception will be if your car is equipped with a slip clutch fan blade and fan shroud. You may use electric fans ( only one) on cars that did not come equipped with them from the factory.

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

**12. 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 and solid toe shoes. You should consider wearing some type of fire retardant coveralls for this event. 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 !**

**13. ADDITIONAL SAFETY REGULATIONS** May be imposed depending on the track. Rules are subject to change to fit event. If you have any safety concerns, Call 1-865-382-1955. Just because it is not stated in the rules does not make it allowable. If you have Doubts or Questions call. **Any driver not obeying the RULES will be DISQUALIFIED.**