

# Columbia Co. Fair Demolition Derby

## 4 Cylinder Auto's Chatham, NY

Wednesday August 28<sup>th</sup> 2019 at 6:30 P.M.

### RULES AND REGULATIONS

**A. EACH DRIVER MUST FILL OUT AN ENTRY BLANK.** Entry blank denotes 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 - \$30.00**

If you wait and enter the day of the event, 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 the driver-mechanic overview meeting held one hour before the event.

**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 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 **Two (2) 4Cyl Car's.**

**3. ALL DRIVERS AND CARS** must be entered and at the track 2 hours before the scheduled starting time of the derby.

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

**5. ENTER. Early !** 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 passengers' doors in 24 inch letter sizes. Do this only after being issued an **Authorized Vehicle Number**.

#### PARTICIPATION REGULATION

**1. 4 CYLINDER COMPACT SIZE STOCK HARDTOP AUTOMOBILE OR STATION WAGON ALLOWED.** You may use foreign cars, and front wheel drives. No trucks, Jeeps, OFF Road vehicles, Rear engine or Mid engine Auto's etc. **Maximum wheel base of 106 inches . Minimum wheel base of 89 inches**( if your car is equipped with four wheel drive one of the drive shafts will be required to be removed ). No Mini Subcompacts or Micro Vehicles Permitted. No AMC Pacers permitted.

**2. ALL GLASS AND CHROME TRIM** and anything that might become imbedded 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.

**3. TIRES MUST BE STOCK SIZE**, 4 ply only, Maximum rated 45 lbs PSI pressure, **Mud & Snow okay**, no inner liner, no truck or light truck tires (**LT's**), no paddle tires with tractor or A T V aggressive tread. 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 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. **No original gas tanks will be permitted inside the drivers compartment.** If in drivers compartment the replacement tanks must be **completely** covered by a **Metal** firewall. 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 if it should become ruptured. It can be in front floorboard area. Must be mounted & covered for participants protection. No heavy Equipment batteries allowed.

**6. NO REINFORCEMENTS OF ANY KIND WILL BE ALLOWED.** Only exception will be the driver side front and passenger door. Reinforcement bars or plates added to the drivers and passenger side doors may not exceed eight inches (8") past the vertical seams of the door. You may insert a dash bar maximum 2 1/2" 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 2 1/2" in diameter. **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. You may **Weld** rear ends or differentials to create a positive traction rear end. Rear ends cannot be chained. No mini truck rear ends. No solid shocks or adding extra clamps or springs to suspension (suspension must work). Welding of bumper shocks are considered reinforcements. We will be permitting bumper swaps. However you can not swap bumpers from full size vehicles. You may use any American made factory 4 cylinder car bumper or any American made Front Wheel 6 Cylinder car bumper. You may add a bumper shock no longer than Ten (10) inches in length. Bumper shocks can only be welded to the first Six (6) inches of the Frame. Bumper must be bolted to shocks with **NO WELDS**. Swapped bumper bolts cannot exceed 1/2" in diameter. Maximum bumper height is 20 inches from the ground to the center of the bumper for 4Cyl's. It is suggested that you attach two vertical metal rods or chains approximately 12 inches from each end of the windshield opening to protect driver from hood coming off of hinges and collapsing back in to the driver compartment..

**7. STANDARD EXHAUST SYSTEM** may be removed or cut off just aft of the front seats. Do not position exhaust to deflect the heat out to the side of the vehicle. Additional headers, stacks, or custom manifolds **cannot protrude more than 16"** past the level of the hood nor through the body of the car.

**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. 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. If a driver's side door comes open, he or she will be disqualified.

**9. A 10 BY 12 INCH HOLE** must be cut into the center of hood, to allow for early fire detection. **ALL Metal Fan Blades** must be removed. They may be replaced with polycarbonate 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 slip. 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. 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)

**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. You should consider wearing some type of fire retardant coveralls for this event. 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. ADDITIONAL SAFETY REGULATIONS** MAY BE IMPOSED depending on the track. Rules are subject to change to fit event .Best Appearance Theme for the 4cyl cars is MINION'S. 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. you have Doubts or Questions call. **THE DECISION OF JUDGE IS FINAL.** ANY DRIVER NOT OBEYING THE RULES WILL BE DISQUALIFIED.