

# 2024 King's Smash'em Crash'em Demolition Derby

## Small Car Economy Built Class

**Saturday, May 18**

**Fulton Speedway**

**1<sup>st</sup> - \$1000, 2<sup>nd</sup> - \$300, 3<sup>rd</sup> - \$200**

### 1. GENERAL RULES

- NO Imps
- NO Hearses
- NO Ambulances
- NO Trucks or Truck Frames Any question on car choice, please ask.
- Drivers must be 18 or 16 with signed parental release. Full face helmet required, along with eye protection, and fire-suit or Coveralls

### 2. CAR SIZE

- This class is open to any FWD V6 or 4-cylinder car (other than what's listed).
- Compact class will be 109 inch and below wheelbase.
- No AWD vehicles will be allowed. If you have an AWD vehicle, one drive shaft of your choosing must be taken out.

### 3. DOORS, TRUNK, HOOD

- OPTION 1- Two wires or chains per door. Two wire hold downs for hood. Two wire hold downs for trunks. No additional material may be added.
- OPTION 2- You may weld doors and trunk seams with a total of 9 inches of weld per seam. Example 1- 1 9 inch plate per seam. Example 2- 3 3-inch plates per seam. Max 3in wide
- Hood must be wired or chained shut in 4 different places. You may also use angle iron no bigger than 2x2x1/4 inch to bolt the hood shut.

### 4. BATTERY BOX/ GAS TANK

- Move battery to passenger side floorboard or front seat area. No milk crates, no zip ties, no zip screws can be used. Metal Battery box, BOLTED to the floor.
- Move the gas tank. (Make sure it's secure, no zip Screws). If the gas tank is left in stock location, it must be strapped up with more than just the stock straps.
- All gas tanks inside the car must be covered including fuel cells. No stock tanks may be relocated to the inside of car.

### 5. TIRES

- Any tire that holds air will be allowed. Small weld in centers and valve stem protectors will be allowed. Sidewall flaps will be allowed. No other lip guards or beadlocks of any kind will be allowed. Rear solids are allowed.

### 6. INSIDE COCKPIT

- Transmission cooler (fan or ice) will be allowed and must be secured.
- Any hydraulic brake pedal/booster may be used. May not strengthen the vehicle in any way, shape or form.

- You may use stock shifter or an aftermarket shifter.
- Aftermarket steering columns allowed.

## **7. PEDALS**

- Stock gas pedal or aftermarket pedal may be used. The gas pedal plate may not strengthen the car in any way.
- Any hydraulic brake pedal/booster may be used. May not strengthen the vehicle in any way, shape or form.

## **8. BUMPERS**

- Any OEM car bumper can be used. There are two options for mounting the front bumper. No frame welding is permitted.
- You may weld the bumper to the factory bumper shocks or bracket for that vehicle, but there must be at least a 1" gap between the bumper and frame. You must use the factory bumper shock for the car you are running. Hard nosing of the bumper is permitted but if you choose to do this you must lose the bumper shock and bracket. No exceptions! Any factory car bumper is permitted. No loading or plating of the bumper is permitted. Bumper may be seam welded. Do not cut the frame past the front of sub frame. Front of frame must be cut flush (no shelving)
- **HOMEMADE BUMPER-** Bumper is limited to 1/4" thick material. Maximum dimension of 8x8. Bumpers may have up to a 4inch-point added to the front and must be a minimum of 32" wide point. Bumper and point must be hollow. A 1/2 inch hole must be cut in both sides so that you can see light through each end.
- Front of frame may be capped with max 6x6x1/4 plate. (2) 3x6 plates per frame rail are allowed. The measurement starts at the front of the frame. Plate may be welded to bumper and frame only and cannot connect sub to body.
- 4 additional fix it plates will be allowed. Max 4x4x1/4 with a 1/4 inch hole drilled in the center. Plate must be a square with 4 90 degree corners. Plate cannot connect sub frame to body. If any part of the plate is removed it cannot be added elsewhere. The plates cannot touch, and there must be a 1/2in gap between the welds. Plates must be painted white
- **FRONT AND REAR bumper** must have 9 wire or chain in two locations through sheet metal (core support or hood) to hold them on. It may go to the frame but must go through an existing hole or a factory bolt. Chain cannot be larger than 5/16" and no more than 3 strands of 9 wire.

## **9. BODY, FRAME, SUSPENSION**

- Aftermarket or reinforced struts allowed. They must be stock appearing. Suspension may be welded for height.
- Body creasing allowed. Trunk may be tucked with one 90 degree bend and that is it. Trunk must have a 12x12 hole for inspection if not tucked.
- All body mounts must be stock and have the stock rubber puck in it. **NO EXCEPTIONS**
- You may notch and prebend rear. You cannot weld notches back together.
- 2 additional strands of #9 wire may be added anywhere inside the car, sheet metal to sheet metal only. Pre ran cars will be allowed 2 more additional strands (4 total)
- No welding on frame allowed besides the above mentioned plates.

## **10. ENGINE, TRANSMISSION, REAREND**

- Motor swaps allowed – weld the factory mounts in and that is it

- One chain per motor mount. Must be bolted to the factory frame hole. Max of 18" long.
- No excessive mounts (max 8 inches of weld per mount)
- No added steel
- No cradles, transmission braces or any other braces of any kind. Headers will be allowed
- Water boxes allowed. Must be bolted in with max (4) 3/8 bolts to sheet metal only
- Factory trans mount and crossmember
- Any 5-lug rear end allowed. Must be a factory appearing with no bracing of any kind. Stock OEM studs must be used.
- NO SLIDER DRIVESHAFTS WILL BE ALLOWED. Drive shaft must be stock.

## **11. CAGE**

- A 4-point cage will be allowed – for driver protection only! Anything in excess will be forced to cut or loaded at the judge's discretion. Cage material can be no larger than 6 inches. Cage must be on the inside of the car and not in the doors. Max length of side bars in 60in
- Cage must be 5 inches from the floor at any point and 5 inches from center of firewall. Dash bar must be straight. It cannot contour the body
- Driver door plate may be added from side bar to rocker, or on the outside of door not to exceed the door seams.
- Center bar may be added to mount shifter.
- Tank protector allowed, no wider than 32 inches wide and may be tight to package tray. On wagons or cars with no package tray the max length is 32in. An additional bar may be welded from tank protector to halo uprights. They may not attach to the halo crossbar. Rear seat bar may not be any further back than rear kick panels
- Roll over bar is allowed. Side bars for this must be vertical. If you cannot weld well, make sure to bolt it as well.
- Two window bars will be allowed. They cannot be connected to the rollover bar. The bar can be welded a max of 6 inches on the roof and 3 inches on the fire wall or cage. No larger than 2x2 steel.
- No part of the cage may be welded to the frame, sheet metal to sheet metal only.
- Anything deemed excessive will be forced to cut at official's discretion.

***General questions please call John King @ (315) 750-6956 OR 315-368-7957  
For rules please call Brandon Briggs @ 607-316-3620***