



# Demolition Derby Rules



www.PlatteCountyFair.com

2009 Rules

## PLATTE COUNTY FAIR

Demolition Derby  
July 22<sup>nd</sup> – 23<sup>rd</sup>, 2009  
7:00 PM



### Admission

Gate - \$8.00 each night  
*Children 12 and Under Free*  
**Free Parking**  
Pit Pass - \$20.00 each night  
*(Absolutely no one under 16 allowed in Pit)*

### Full Size Stock Class

Feature Winner = \$1,000 + Trophy  
2<sup>nd</sup> Place = \$500 + Trophy  
3<sup>rd</sup> Place = \$250 + Trophy  
4<sup>th</sup> Place = \$100 + Trophy  
5<sup>th</sup> Place = \$50 + Trophy

### 6-Cylinder Class & Pure Stock Class

1st = \$300, 2<sup>nd</sup> Place = \$150, 3<sup>rd</sup> Place = \$50  
*(If less than 10 cars register/run prize money will adjust)*

### "Front Wheel Drive, 4cyl Class"

Feature Winner = \$400 + Trophy  
2<sup>nd</sup> Place = \$200 + Trophy  
3<sup>rd</sup> Place = \$100 + Trophy  
4<sup>th</sup> Place = \$50 + Trophy



Platte City and Kansas City



### Heats (Full Size)

3 Winners = \$50 + Trophy each, 2<sup>nd</sup> Place = \$30 + Trophy, 3<sup>rd</sup> Place = \$20 + Trophy

## Demolition Classes for 2009

### Full Size – Late Model Only – 1980 and Newer

1. Metric / Tin cars only, 1980 and Newer style cars.
2. Engine - maximum size 8 cylinders, gasoline motor

### Mid Sized – Six cylinder motor, including mini vans and small pick ups, Any Year

1. Engine - Maximum size six cylinders & four cylinders with rear wheel drive.
2. Open to foreign makes and models. Will include small or compact pickups

### Small Car - "Front Wheel Drive Only", four cylinder with less than 108" wheelbase.

1. Engine – Maximum size four cylinders
2. Open to foreign makes and models
3. Must be OEM bumper, No use of Full size bumpers on compacts.

**Classic Class** – Pure stock vehicles only, open to any year car built old style "simple". This class will have special rules for both cars and driving. The Payout will be the same as Mid-sized class. If less than 10 cars payout will be adjusted. Contact Ron Pine for more information & Rules for Pure Stock Heat. (816) 858-2314

### Demolition Derby Officials & Committee

Ron Pine      Troy Jones      Kent Pine      Cecil Amos      Kenny O'Dell  
(816) 858- 2314      (816) 891-6731      (816) 215-6343      (816) 858-5623      (816) 858-3545

Any Questions can also be sent via email. Please visit [www.plattecountyfair.com](http://www.plattecountyfair.com) for more information.

## Pit Area & Drivers

- 1) All drivers and pit crew must sign the Release and Waiver of Liability and Indemnity Agreement upon entrance to the pit area.
- 2) All drivers and pit crew must be 16 years of age or older and must have a valid driver's license.
- 3) All drivers and pit crew under 18 years of age must have a notarized parent signature on the Minor Release Waiver and Release from Liability and Indemnity Agreement furnished by the fair board.
- 4) Entries will be accepted up to one hour before show time.
- 5) Driver must furnish his own car or have someone sponsor his car.
- 6) All drivers must attend pit meeting prior to show time.
- 7) No riders in demolition cars.
- 8) **Driver's Safety** - Safety belts, helmets (DOT approved), shirt and long pants are required for drivers during the event. Face shield or safety glasses also suggested.
- 9) Any driver or pit person causing a disturbance or interference with a race in progress or enters the track area during a race will be escorted off the fairgrounds immediately. Personal belongings can be picked up the next day. Any drivers associated with persons causing a problem will be automatically disqualified from all events.
- 10) Proof of Ownership or Title to the car must be provided at time of registration upon request.
- 11) Car must also have a VIN plate (RSMo 301.390.1 is the law).
- 12) ONLY demo cars and their tow vehicle will be allowed in the pit area and should enter at the same time.  
**No additional cars or trucks will be allowed in the pit area.**
- 13) No driver or pit person under the influence of alcohol or drugs will be permitted to participate. No alcoholic beverages will be allowed in the pit area. The Fair Association reserves the right to inspect any coolers brought into the pit area.
- 14) You must have an armband on to be in the pit area and sign a waiver of liability supplied by the Fair Association.
- 15) Drivers must register in with officials upon arrival to the fair grounds. All registration must be complete by the pit meeting.
- 16) Once the event has started, no driver, vehicle or heat changes will be allowed, unless directed by officials. The Officials have the right to refuse any entry. All decisions of the officials are final.

## General Car Rules & Regulations

The following General Car Rules & Regulations will apply to all classes of demolition derby run at the Platte County Fair along with class rules to establish minimum acceptable requirements for such events. No express or implied warranty of safety shall result from publication of or compliance with these rules and/or regulations. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to participant, spectator, or official.

- 1) Any car not aggressively participating in the action for one minute, not moving for one minute or stalled for one minute will be disqualified.
- 2) Cars that are hung together must make contact with other live cars in one minute or be disqualified.  
**No sandbagging, any car not actively participating will be given ONE warning before being disqualified.**
- 3) All cars will be safety inspected prior to the event. A car will not be permitted to run if the rules are violated.
- 4) The Officials may require a driver to remove or change any part or portion of the automobile that the judges consider to be unsafe to the driver or to other drivers in the event. Official's decision is final.
- 5) All cars are subject to inspections before (open hood), during and after the event. Inspections may be extensive if deemed necessary by officials (cutting frame, tires, etc)
- 6) No intentional or careless driver's door or direct head on hits allowed.
- 7) All cars must have working brakes and exhibit the ability to stop before entering the arena.
- 8) The officials will deal with any situation not covered in rules if deemed necessary. All decisions of the officials are final.
- 9) Protest will cost \$100.00 up front. If the protest stands, the \$100.00 will be returned. If not, the \$100.00 is forfeited.
- 10) All cars must be removed from the grounds by Midnight on Thursday or they will become Fair Association property.
- 11) Team Driving
  - A. Any two cars that appear to be teaming by one holding a car while another hits the same car, both vehicles will be disqualified.
  - B. If two or more cars are hitting one car the hits will be counted. Three hits are allowed then the cars must break off and initiate contact with another vehicle at the same intensity (Judged by crowd reaction and Officials). If the one car hits the other car and resumes hitting the first car that is fine (but remember 3 hits start over again each time). If one of the two cars does not hit each other or another car with the same intensity and resumes hitting the same car, he is automatically disqualified. *NOTE: When the word intensity is used it means force. You must hit the next car with the same power as you hit the first car. Any buddy hits or love taps will not be accepted.*

## Preparation of Cars

**"If it is not in the Rules, it does not mean it is OK!"**

- 12) Please see Class rules. No Trucks, SUV, Jeeps, carryalls, Chrysler / Crown Imperials or Imperial sub frames. No specially manufactured commercial vehicles (checkers, Hearses, Ambulances or Limos)
- 13) Number must be painted on both sides and on a **roof sign** (12"x12") mounted to the top of the car. Slogans must be of good taste
- 14) All glass, chrome and interiors (back seat, etc.) must be removed before reaching fairgrounds. Trunks and interior must be empty of all debris, spare tires, rims, parts, etc.
- 15) Gas tanks  
**(No rubber or stretch cords)**
  - A. Original gas tank must be removed from stock position and replaced with an aftermarket tank or fuel cell.
  - B. **\*\*\*Boat tank or aftermarket fuel cell ONLY!\*\*\*** Maximum amount of fuel 7.5 gallons.
  - C. The Tank must be properly secured and covered. All lines must be secured and ran safely.
  - D. If vehicle is equipped with an electric fuel pump a shut off switch (Red) must be placed in easy reach of driver.
- 16) Batteries  
**(No rubber or stretch cords)**
  - A. Must be secured in the passenger floor and covered.
  - B. Maximum of two 12-volt batteries may be used.
- 17) Radiators
  - A. May be removed but not relocated.
  - B. No anti-freeze or other cooling additive allowed. Water Only
  - C. No extra protection may be added in front of radiator.
  - D. Any plastic shrouds or covers may also be removed.
  - E. No welding or reinforcing to radiator support.
  - F. Radiator support bushings may be removed and bolted solid at frame mount with max ¾" dia. bolt
- 18) Driver Safety
  - A. Seat belt must be workable.
  - B. Helmets required. Helmet should be DOT approved. Face shield or safety glasses, Long pants and shirt required.
  - C. A fastener (chain, cable or bolt 1"x6") may be placed to the rear of the hood in front of the driver.
  - D. You must have a minimum of 1 bar, chain or wire from the roof to the cowl in the windshield area. This may not be designed as reinforcement to the car. Bar limits- not longer than 2" above & below window opening. Max size is 1" diameter or 1 ½ angle.
- 19) Fire Safety
  - A. You must have at least a 12" hole in hood for fire protection.
  - B. Any vehicle that has two fires that stop action will be disqualified.
  - C. Any vehicle with excessive smoke maybe disqualified for all drivers' and spectators safety.

## Preparation of Cars Continued

- 20) All doors, hoods, wagon gates, trunk lids
- A. Must be fastened shut. A maximum of **Six** fasteners per hood, trunk and wagon gate, no closer than 12 inches apart.
  - B. Maximum fastener size will be 6" long by 3/4 "diameter, maximum washer diameter 5" or 3/8 chain (2 wraps), #9 wire (4 wraps)
  - C. Fasteners must pass through sheet metal only.
  - D. All-tread may be used in front only from radiator support mounts up through hood. (3/4" maximum diameter)
  - E. Only driver's door can be reinforced not to exceed six inches past the door seams.
  - F. Front doors only may be welded 50% (Outside door seams) for driver's safety. Don't get carried away, if it is too much it will be cut, the idea is safety. Rebar or 3" strap may be used for filler on door seams. **No welding on rear seam of back doors.**
  - G. Bolts or fasteners thru the door for safety bars will count as a door fastener.
  - H. Hood springs and trunk springs must be removed. Trunk lids are optional or may be tucked 50%
  - I. Maximum of 8 inches short mounting Hood (moving forward). Rear of engine compartment should remain covered for safety.
- 21) Windows
- A. Maximum of two bars may be placed from the cowl to the roof in front of the driver and two-rear window bars. Window bars are for safety to protect driver. Bar limits- not longer than 2" above & below window opening. Max size is 1" diameter or 1 1/2 angle.
  - B. You may have one point of 2 loops (4 strands) of #9 wires per window opening. Maximum of points two per side of car. This may connect to body mount and the wire must remain in the field of that window.
- 22) Tires & Wheels
- A. Standard pneumatic tires. No taller than 30" (any ply) Tubes optional.
  - B. No wheel weights. No studded tires. All wheel weights and any type of studs must be removed.
  - C. NO Split Rims. Must be an OEM automotive type wheel. No paddle tires or pulling tires.
  - D. Valve stems protector. Must be secure, rebar or flat steel only. No pipe or lug nuts.
- 23) Drivers Cage
- A. A single bar may also be placed across the dash area must have clearance from center of firewall.
  - B. A single bar may be placed behind the driver's seat. The bar may be no higher than the stock seat and must be parallel to the stock bench seat.
  - C. Bars must attach to sheet metal only (welding allowed) and maximum mounting plate size of six inches square on bar ends.
  - D. Front and rear bars may be connected with cross bars but cross bars must remain from the inside of drivers & passenger door. No longer than 60" and cannot exceed 18" past center post on 4 door cars and 10" on 2 door cars.
  - E. One roof / halo / roll bar is optional. Must connect to cage behind driver. 4 roof bolts optional.
  - F. Vertical legs (four Max) may be attached from cross or side bars to floor sheet metal only and cannot conceal body mounts. No kickers! If officials believe your uprights or cage braces are working as a kicker or reinforcement they will be cut.
  - G. No cage components may be connected to or welded to the frame.
  - H. Cage is for driver's protection not to reinforce and strengthen the car.
- 24) Suspension
- A. All cars' suspension systems should be OEM equipment to year, make and model of car.
  - B. No coil over shocks, air shocks, lifts, blocked shocks or other reinforcement allowed. Car must have bounce to front and rear.
  - C. No leaf spring conversions! Coil spring may be wired or chained in for safety.
  - D. You may have 2 additional spring clamps OR tape wraps per side. Do not wrap entire spring.
  - E. Rear-end must remain automotive OEM style (No full floaters) and Gears may be welded or spools added.
  - F. The rear-end itself is interchangeable from any make, model, year or Ford/GM/Hybrid.
  - G. No aftermarket, homemade or altered A-arms or control arms. Rear control arms may have 2 standard washers tacked to outside.
- 25) Frames / Body
- A. Frames must remain stock, matching the body style and of the same year.
  - B. No welding on body, frame unless listed in rules. No chains, cables, bolts or extra material may be attached, around or through frame.
  - C. No reinforcement of body or frame. No plating inside or out. No pinning, no filling of frame holes. No doubling of material.
  - D. Cutting and/or pre-notching the frame is allowed, but keep it minimal.
  - E. No ramp vehicles. No rolling or crushing the rear quarters or tail light panel into the trunk.
  - F. Trimming of fenders and wheel openings allowed. Four 3/8" bolts w/ 1" max washer diameter per wheel opening.
  - G. Body mount bolts may be replaced (1/2" max dia) or same as OEM. May pass through topside of frame only. Washer 3" dia. Max.
  - H. Body mount bushing may be replaced with other spacers the same diameter as OEM and minimum of 1" thick after tightening.
  - I. Composite type material on cars like on Saturn's must be removed. Plastic panels shatter on impact.
- 26) Engine
- A. Any power train combination may be use (Ford/GM/Hybrid), but must be mounted with in 5" of the OEM motor.
  - B. Stock motor mounts may be welded. Motor and transmission mounts may be chained to an existing bolt.
  - C. Carburetors must be covered by an air cleaner. No open engine fans (No hood = no fan).
  - D. Engine size limited by class.
- 27) Bumpers
- A. Any automotive passenger bumper from any make, model and year may be used. Compacts must use OEM bumpers of compacts.
  - B. Bumper must be mounted to the original mounts from vehicle. (No pre- 1980 mounts)
  - C. No special or homemade bumpers or brackets. No trailer hitches.
  - D. Any working shock bumper must have some type of safety chain.
  - E. You may trim bumper ends or fold them around also attach 2 loops (4 strands) of # 9 wire between car and bumper for safety.
  - F. No welding on the bumpers except to the mounting area, the brackets or shocks. You may weld the bumper to brackets, towers or to the frame. Collapsed or extended. When welding any part of bumpers shocks and brackets, single pass only or 7/16" wide line of weld only.
- Do Not add any metal just use the welder. No over lapping and multiplying of weld beads. No longer is max weld length required.**
- 28) Optional Accessories
- A. Hand throttles and Floor shifter direct to transmission
  - C. Steering Tie Rods and steering column shaft can be modified.
  - D. Transmission Coolers
    - 1) Must be located in rear passenger's compartment. Must be enclosed or covered
    - 2) All lines must be insulated on auxiliary coolers
    - 3) Metal or steel braded high-pressure line only.
    - 4) Transmission lines may also be looped.
  - E. Carburetor (fuel line) & Distributor protectors – Must mount to engine only with no extra bracing. There must be clearance (8"-12") from the Distributor cap protector and dash bar at the start of event. We will be monitoring them closely for reinforcement.
- 29) If a vehicle fails inspection it will not be allowed to enter. Please don't try to read between the rules. Before you make a mistake or if you have any questions about the rules please contact an official, before you do it. The officials will deal with any situation not covered in rules if deemed necessary. Any questionable or judgment calls may need to be brought up at drivers meeting for approval.

**If you think it is cheating it probably is, so don't do it.**



146<sup>th</sup> Annual  
**Platte County Fair** July 22 – 25, 2009  
Tracy, Missouri



*For more information please visit our web site [www.PlatteCountyFair.com](http://www.PlatteCountyFair.com)*

**Platte County Fair**  
P.O. Box 109  
Platte City, MO. 64079



2009

**DEMO RULES!**