

## Lincoln County Fair Demolition Derby Rules and Regulations

The following rules and/or regulations set forth herein are designed to provide for the orderly conduct of the Lincoln County Fair Demolition Derby and to establish minimum acceptable requirements for such events. The Lincoln County Fair shall be empowered to permit minor deviation from any of the specifications herein or impose any further restrictions that in their opinion do not alter the safety factor. Any interpretation or deviation of these rules is left to the discretion of the Lincoln County Fair and their decision is final. The Lincoln County Fair reserves the right to approve and/or reject all entries.

### **ENTRY & PARTICIPATION REGULATIONS:**

- A. All vehicles and participants must be checked in 1 hour before start time.
- B. An entry fee will be charged for each car.
- C. All persons MUST sign entry form, insurance waiver, and release form, and purchase pit pass before entering pit area.
- D. All drivers MUST be 16 years or older, and MUST be able to provide proof of age at the request of the officials.
- E. Any driver belonging to a national organization or accumulating points for a national organization will be considered to be professional and will not be allowed to enter.
- F. Entries limited to one car per driver per show.
- G. A driver that is flagged for an intentional door hit will be disqualified from all further competition for that night.
- H. All drivers MUST wear approved helmets, long pants and shirt.
- I. Heat races will be filled by drawing at drivers meeting.
- J. Qualified drivers may change cars for the Feature Event providing the car changed to has run in a prior heat at this derby.
- K. All Vehicles will go thru a Pre race inspection with LCFB Official then placed on the track for all participates inspection until 15 minute before begin of race time, during this time hoods must be removed.
- L. Top five feature winners of all classes may be required to open hoods for official inspection, after completion of feature event.
- M. **ANYONE FOUND UNDER THE INFLUENCE OF OR IN POSSESSION OF ALCHOHOLIC BEVERAGES IN THE PIT AREA WILL RESULT IN LOSS OF PIT PASS AND EXPULSION FROM THE PITS. NO EXCEPTIONS!**
- N. **NO ONE ALLOWED IN PIT AREA UNDER THE AGE OF 16. YOU MUST BE 16 YEARS OF AGE OR OLDER TO PURCHASE A PIT PASS.**
- O. All cars must be removed from the fairgrounds the night of the derby.
- P. No other vehicles will be allowed in the pits except for the entered car and the tow vehicle.

### **GENERAL REGULATIONS FOR OLD IRON, MODIFIED, & MINI CLASSES:**

- A. All cars MUST have front doors painted white with black numbers, your choice 1 to 100, and an upright number plate on the roof, minimum 15" x 15". No other writing on these white doors. Numbers will be assigned on a first come, first served basis. Special numbers will be subject to the approval of the officials. NO PROFANITY will be allowed to be displayed on any portion of the car.

- B. All glass, side windows, rear window, headlights and taillights, MUST be removed before reaching racetrack. Rolling down windows is not permitted. Windshields may remain in car, but if removed, driver must wear approved face shield.
- C. Rear seat of sedan MUST be removed, top and bottom. On station wagons all seats and decking MUST be removed. Station wagons MUST be emptied to floorboards. All cars MUST be swept clean, both drivers compartment and trunk. No spare tires, broken glass, or trash, etc. allowed in cars. Station roof may be cut or pre-bent but cannot be bolted to floor. NO SEDAGONS.
- D. All cars MUST have approved seat belts, secured to or around frame.
- E. Battery may be moved, but MUST be securely fastened and covered in front seat passenger floorboard. ONLY ONE AUTOMOBILE TYPE BATTERY ALLOWED.
- F. Any type automotive radiator may be used but MUST be mounted in stock position. At drivers option he may compete without radiator, but MUST run on water in block only. NO RESERVE TANKS.
- G. Stock gas tank MUST be removed from original position and mounted in rear seat area and secured by existing seat belts or added metal straps. NO CHAINS OR RUBBER STRAPS or round bottom tanks. A Marine (boat) tank is recommended. All tanks MUST have secure cap. All lines and fittings MUST be leak proof and meet approval of officials. Electric fuel pumps are permitted but MUST have shutoff within reach of driver. NO MORE THAN 3 GALLONS OF GAS IN TANK.
- H. Any OEM shock canister may be bolted or welded on any car. Amounts of bolts or welds may not exceed typical stock installation. For safety purposes shock tubes on shock bumpers may be lightly welded. Any OEM stock automobile bumper may be bolted or welded to the shock canister or stock bumper brackets. If you choose to bolt your bumpers to shock canisters or stock bumper bracket, you may use a piece of chain from the all thread on the hood and or deck lid down to the bumper. If you choose to weld your bumper to shock canisters or stock bumper brackets, no chain may be used. Fenders and bumper ends may be trimmed to allow for wheel clearance.
- I. Hoods MUST have two holes, at least 4 inches in diameter, on each side of carburetor – NOT directly on top of carburetor. IF HOOD IS REMOVED, EITHER FAN BLADE MUST BE REMOVED OR FAN BELT MUST BE CUT.
- J. **ALL FRAMES MUST REMAIN IN OEM STOCK OUTSIDE NO WELD ZONES. ANY DRIVER CAUGHT WITH AN ALTERED FRAME AT CHECK-IN INSPECTION WILL NOT BE ALLOWED TO ENTER THE CAR. ANY DRIVER CAUGHT WITH ALTERED FRAME AT POST RACE INSPECTION WILL FORFEIT ALL PRIZE WINNINGS.**
- K. Suspension MUST remain STRICTLY STOCK. Do not invert spring shackles on Fords. Do not crank up torsion bar suspension on Chrysler Corp. cars. All cars MUST have some give or bounce. No stiff suspension. Screw in spring risers or blocks may be allowed at the discretion of the officials to bring weak or sagging suspensions to level position, bring such items to the track and obtain permission before installation.
- L. Trailer hitches, Class A or frame mounted MUST be totally removed. Class B or bumper mounted trailer ball stub MUST be removed.

#### **ENGINE, TRANSMISSION, REAR END REGULATIONS:**

- A. Any engine or transmission may be used in any car, but MUST be mounted in stock position. On a V-block motor, front spark plug MUST be even or in front of upper ball joint; on in-line motors, number two spark plug MUST be even or in front of upper ball joint.

- B. Engine cooling system MUST be drained and flushed free of antifreeze. Air conditioner Freon MUST be properly evacuated from system. This work MUST be accomplished BEFORE arrival at race site.
- C. Chained, welded, or homemade motor mounts will be permitted, but MUST meet approval of officials.
- D. Any type of header is allowed, but MUST be directed away from driver compartment.
- E. Transmission oil coolers permitted. Mountings, lines, and fittings MUST be approved by officials.
- F. Any automobile rear end (NO TRUCKS OR FLOATER REAR ENDS) can be used in any car. This rule does not mean you can transform a coil spring to leaf spring or vice versa. On models originally equipped with leaf springs, stock leaf springs and hangers MUST be used. On models originally equipped with coil leaf springs, stock springs and trailing arms MUST be used and may be reinforced. Homemade spring perches or homemade trailing arm brackets may be welded to rear end. All cars will be required to have some give or bounce, and installations MUST be approved by officials.
- G. Any driveshaft or U joint may be used. Welding of driveshaft's permitted.
- H. Two loops of chain or wire over the stock cross member and around rear end is permitted and recommended. This will prevent body from rising off frame and making it difficult for driver to see out back window.

#### **TIRES:**

- A. Only 16 inch or smaller tires and wheels will be allowed. NO SPLIT RIMS ALLOWED.
- B. Forklift and skid loader tires permitted. NO paddle, pulling, or cut tires.
- C. All wheels and rims MUST be strictly stock. No welding or reinforcing allowed. Valve stem protectors are permitted.
- D. Liquid in tires permitted, studs or screws in rims to hold tires in place permitted.

#### **OLD IRON SPECIFIC REGULATIONS:**

- A. Passenger cars, station wagons or convertibles (convertibles MUST have box type roll cage). No trucks, jeeps, hearses, or limousines. NO CHRYSLER IMPERIALS OR CHRYSLER IMPERIAL SUB-FRAMES ALLOWED. Cars previously run in Demolition Derby may install new front clip, MUST remain stock, i.e.: Chevy on Chevy, Ford on Ford, Oldsmobile on Oldsmobile, Pontiac on Pontiac, Dodge on Dodge, etc.
- B. All cars must have either a bar, wire, chain, etc. running center mast from roof down to the firewall. All doors may be welded and reinforced. All reinforcing must be designed for protection of driver and/or rider. Towards front of car no welding or reinforcing will be allowed past 6 inches in from of door. Towards rear of car no welding allowed past rear axle centerline. All internal cages will be limited to a specific area; they may be installed from base of front windshield to 18 inches behind front seat. Internal cage supports (down tubes) MUST be welded to flat part of frame rails. NO welding to or on frame arches front or rear. Top frames seams from the A-arms forward may be re-welded with a bead no wider then a ½ inch.
- C. On all sedans and wagons, hoods, truck and tailgates may be secured with an unlimited amount of wire, light chain, or a maximum of twenty ½ inch O.D. bolts with a washer no larger than 2 inch square, plus four pieces of all thread maximum 1inch O.D. with a washer no larger than 6 inch square or ¼ inch thick. Two pieces of all thread may be mounted on hood and two pieces may be

mounted on trunk. All wire, chain, cable and all thread MUST be mounted outboard of radiator. Hoods, trunks and tailgates MUST open for inspection upon request of officials.

D. All wheel wells may be rolled and have a maximum of 5 bolts no larger than 3/8 inch.

#### **MODIFIED & MINI SPECIFIC REGULATIONS:**

- A. Passenger cars, station wagons or convertibles (convertibles MUST have box type roll cage.) No trucks, Jeeps, hearses, or limousines. GM cars must be 1978 or newer. FORD, CHRYSLER and any FRONT WHEEL DRIVE car MUST BE 1980 or newer. Full size foreign cars may be of any year. If dashboard is removed, VIN# Plate MUST REMAIN. Cars competing in Mini-Car Class can be any year; engine MUST be six (6) cylinders or smaller and 105 inch or less wheelbase. Cars previously run in Demolition Derby may install new front clip. Any clip may be used on any car, MUST be installed in stock manner. Installation MUST be approved by Officials.
- B. All cars must have either a bar, wire, chain, etc. running center mast from roof down to the firewall. All doors may be welded and reinforced. All external body and internal cage reinforcing must be designed for protection of driver and/or rider. External body reinforcing zone will run from 6" in front of door to rear axle center line. All internal cages will be limited to a specific area; they may be installed from base of front windshield to 18" behind front seat factory base mount bolt. Internal cage supports (down tubes) MUST be welded to flat part of frame rails. NO welding to or on frame arches front or rear. The front down tubes MUST stay a minimum of six (6) inches behind the Z box on Fords and Chryslers and six (6) inches behind the front arches on GMs.
- C. On all cars, hoods, trunks and tailgates may be secured with the following method: on front of car, two pieces of 3/4 inch all thread, with a washer no larger than six (6) inches or 1/4 inch thick, all threads MUST be mounted outboard of the radiator. In addition to all threads, four (4) 1/2 inch O.D. bolts with a washer no larger than two (2) inch square or four (4) pieces of wire or cable may be used. On the rear of car, two pieces of 3/4 inch all thread, with a washer no larger than six (6) inches or 1/4 inch thick, all threads may be mounted anywhere on trunk lid or tailgate. In addition to all threads, four (4) 1/2 inch OD bolts with a washer no larger than two (2) inch square or four (4) pieces of wire or cable may be used on the trunk or tailgate. All threads may be mounted through a stock body mount and replace existing bolt. All other body mount bolts may be replaced but MUST be replaced with OEM stock size bolt and washer. If rubber biscuits are removed MUST be replaced with 1-1/2 inch steel space, round pipe tubing, square tubing, washers, etc. Frame seams must be visible. All threads MUST have bolt on top and bottom and NO welds. ALL THREADS AND WASHERS MAY NOT BLOCK BORE-A-SCOPE ACCESS TO THE FRAME.

### **STOCK CLASS SPECIFIC REGULATIONS:**

- A. The stock car must be **stock**. No modifications of motor, drive train, tires, bumpers, frame, rear end, drive shaft or any other part of the car may be made except as specified in these rules.
- B. Passenger cars, station wagons or convertibles (convertibles **MUST** have box type roll cage). No trucks, Jeeps, hearses, or limousines. GM cars must be 1978 or newer. FORD, CHRYSLER and any FRONT WHEEL DRIVE car **MUST BE** 1980 or newer.
- C. All cars must have drivers door painted white, and numbers must appear on both sides. Special numbers will be allowed subject to the approval of the officials. **NO** profanity will be allowed to be displayed on the car.
- D. All glass, side and rear windows, headlights, taillights and windshields must be removed before reaching the track. Rolling down the window glass is not permitted.
- E. All cars must have approved seatbelts secured to or around the frame.
- F. Complete removal of the interior is recommended. Rear seat of sedans must be removed. Station wagons must be emptied to floorboards. All cars must be swept clean including the driver's compartment and trunk. No spare tires, broken glass or trash will be allowed.
- G. Battery must be relocated to the front floorboard and securely fastened and covered. Only one automobile type battery is allowed.
- H. All doors **MUST** be secured in one of the following ways. Welded, chained, bolted, or wired, but must be secured in an acceptable manner. Tailgates on station wagons may be chained, bolted or wired only. Do not weld tailgates.
- I. All cars must have either a bar, wire, chain, etc. running center mast from roof down to the firewall. All doors may be welded and reinforced. All external body and internal cage reinforcing must be designed for protection of driver and/or rider. External or internal cages will be limited to the specified area; they may be installed from base of front windshield to 18" behind factory front seat rear mounting bolt position. Internal cage supports (down tubes) **MUST** be welded to flat part of frame rails. **NO** welding to or on frame arches front or rear. The front down tubes **MUST** stay a minimum of 6" behind the Z box on Fords and Chryslers and 6" behind the front arches on GMs. This is the only weld area on the car, all other location must be bolted, wired, or chains per specified in these rules.
- J. Stock gas tanks must be removed and replaced with an internal tank. A marine tank is recommended. Tank must be mounted in rear seat area and securely bolted in place. All lines and fittings must be leak proof and meet approval of officials. Electric fuel pumps must have shut-off switch within reach of driver. No tank larger than 6-gallon size will be permitted.
- K. Bumpers must be a stock passenger car bumper with no modifications.
- L. All hoods must have 2 holes at least 4 inches in diameter on each side of the carburetor for fire extinguisher access.
- M. On all cars; hoods, trunks and tailgates may be secured with the following method: on front of car, 2 pieces of  $\frac{3}{4}$ " all thread, with a washer no larger than 6" or  $\frac{1}{4}$ " thick, all threads **MUST** be mounted outboard of the radiator. In addition to all threads, (4)  $\frac{1}{2}$ " O.D. bolts with a washer no larger than 2" square or 4 pieces of wire or cable may be used. On the rear of car, 2 pieces of  $\frac{3}{4}$ " all thread, with a washer no larger than 6" or  $\frac{1}{4}$ " thick, all threads may be mounted anywhere on trunk lid or tailgate. In addition to all threads, (4)  $\frac{1}{2}$ " OD bolts with a washer no larger than 2" inch

square or 4 pieces of wire or cable may be used on the trunk or tailgate. All threads may be mounted through a stock body mount and replace existing bolt. All other body mount bolts must remain stock. Frame seams must be visible. All threads MUST have bolt on top and bottom and NO welds.

- N. All frames must remain in OEM stock. Don't add cable, wire or chain tensioning in or outside of frame. Any driver caught with an altered frame at check in will not be allowed to enter that car.
- O. Suspension must remain stock. All cars must have some give or bounce. No stiff suspension. Do not weld suspension components including upper and lower control arms, tie rods, etc.
- P. Rear ends must remain stock, no replacing or stiffing trailing arms, the OEM gears may be welded for posse traction.
- Q. Trailer hitches must be removed. Class A or frame mounted hitches must be totally removed. Class B or bumper-mounted hitches must have the trailer ball and stub cut off.
- R. Frame must remain stock. Absolutely no fillers inside (no concrete) or added reinforcement outside frame, do not weld frame seams. Do not use camouflage materials on frame.
- S. Shifter may be moved to the floor if desired.

#### **Engine, Transmission, Rear end Regulations (Stock Specific):**

- A. Only an engine and drive train originally available on the vehicle may be used, with no modifications.
- B. Exhaust may be redirected upwards through the hood.
- C. Radiator overflow must be directed to the ground.
- D. Transmission coolers will be permitted.
- E. All cars must have working brakes

#### **Tires (Stock Specific):**

- A. Only standard stock original equipment passenger car tires are allowed.
- B. Must be a Dot approved tire, no Forklift
- C. All wheels and rims must be stock. No welding or reinforcing allowed.
- D. **Liquid in tires is not permitted. Studs or screws in rims to hold tires will not be permitted.**