

Monroe County Fair, Kankakee County Fair & DuQuoin State Fair

Modified, Compact, Semi Stock and Bone Stock RULES 2015

This is for Monroe County Fair Waterloo Illinois, Kankakee Illinois & DuQuoin Illinois ONLY.

The auto demolition derby is open to men and women. In fairness to all contestants, the following rules and regulations shall prevail. **THESE RULES WERE DESIGNED WITH COMMON DERBY TERMINOLOGY IN MIND DO NOT THINK OUTSIDE THE BOX.**

DRIVER ENTRY

Drivers must be at least 18 years of age or if 16 or 17 years of age must have notarized permit by parent/guardian. Driver must furnish his/her own car. **Entry fee \$50.00 for driver and \$30.00 for Passenger (no one under the age of 18 will be allowed to be passenger.)** and \$25.00 per pit person. All drivers, passengers and pit persons must sign waiver of release of liability before entering pit area or track. **NO ONE UNDER 13 YEARS OF AGE** allowed in pit area or on track. Entries will be accepted up to one hour prior to race time. You must be there at least one hour before show. **IF YOU ARE NOT IN LINE TO BE CHECKED IN AT LEAST AN HOUR BEFORE START TIME YOU WILL BE CHARGED AN EXTRA \$20.00.** All driver and pit people must attend meeting prior to race time.

MODIFIED RULES

AUTOMOBILE BODY REGULATIONS

1. Passenger cars or station wagons only. No trucks, jeeps, hearses, or limousines. NO CHRYSLER IMPERIALS 73 & OLDER AND NO IMPERIAL SUB-FRAMES. NO 61 – 69 LINCOLNS. 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. Officials MUST approve installation.
2. All glass, side windows, rear windows, headlights and taillights, must be removed before reaching racetrack. Rolling down windows is not permitted.
3. 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.
4. Cars must have a seatbelt and working brakes. MANDATORY!!
5. You can carry a fire extinguisher, but it must be mounted securely and free of movement.
6. Battery may be moved, but must be securely fastened and covered in passenger compartment. MAXIMUM OF TWO AUTOMOBILE TYPE BATTERIES ALLOWED.
7. Any type automotive radiator may be used but must be mounted in stock position. NO RESERVE TANKS. One electric fan may be used.
8. Fenders may be bolted together with 3/8 inch bolts or smaller with 3/8 inch or smaller washers only. A maximum of 10 bolts per fender.
9. All doors may be welded (Outside of body only), chained or wired. Straps should not be larger than 1/4" thick or 4 inches wide on door shell and 2 inches wide on window frame. You may beat top of doors down and may tack them in three places with a maximum of 1" weld each. No extra metal added.
10. No doubling of body panels allowed, no added metal allowed.
11. Patching floorboards, if you have to patch rusty floorboards you must cut out all the rust, overlap no more than 1" with same thickness as body material and sheet metal screws – no more than one every 4". No Welding to floorboards or firewall.
12. You may crease and fold body panels but do not weld. No extra metal may be added.
13. NO OTHER BODY WELDS OTHER THAN WHAT IS LISTED ABOVE.

HOODS, TRUNKS, AND BODY BOLTS

1. Hoods must have two (2) holes, at least four (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.
2. On all cars, hoods, trunks, and tailgates may be secured with the following method: on front of car, two pieces of 1 inch all thread, with a washer no larger than six (6) inches O.D. and 3/8 inch thick, all threads MUST be mounted outboard of the radiator. **ALL THREAD CAN NOT BE WELDED TO FRAME. CAN NOT HAVE ROUND OR SQUARE TUBING WELDED VERTICAL ON FRAME.** In addition to all threads, six (6) 1 inch O.D. bolts with a washer no larger than six (6) inches O.D. and 3/8 inch thick, or you may use angle iron back to back with a bolt through it. Angle iron cannot be more than 3/16 thick or longer than 6 inches. Three on each side of car, a total of six. Total of 6 bolts holding the hood down and any amount of wire or cable. All wire, or cable MUST be mounted outboard of radiator. A maximum of 50 bolts 3/8 inch or smaller are allowed to bolt together hood seams. On deck lid of car, two pieces of 1 inch all thread, with a washer no larger than six (6) inches O.D. and 3/8 inch thick, all threads may be mounted through deck lid and frame anywhere in trunk, cannot be welded to the frame. In addition to all threads, you may weld trunk 5 on 5 off, Straps should not be larger than 1/4" thick or 2 inches wide or six (6) 1 inch O.D. bolts with a washer no larger than six (6) inches O.D. and 3/8 inch thick, and any amount of wire or cable. If trunk is welded must have a 12" hole in trunk lid. On station wagons two pieces of 1 inch all thread, with a washer no larger than six (6) inches O.D. and 3/8 inch thick, all threads may be used in the rear through roof and stock body mount replacing existing bolt. In addition to all threads, you may weld tailgate 5 on 5 off, Straps should not be larger than 1/4" thick or 2 inches wide or six (6) 1-inch O.D. bolts with a washer no larger than six (6) inches O.D. and 3/8 inch thick, and any amount of wire or cable. YOU CAN WELD WASHERS (no bigger than 5/8 washer and must be at least 12" apart) TO THE BODY TO RUN WIRE THROUGH.
3. All other body mount bolts EXCEPT FULL FRAME MINI'S may be replaced with 1 inch O.D. bolts with a washer no larger than six (6) inches O.D. and 3/8 inch thick. Do not take them out and place body on frame. If replaced, a gap of 1" minimum is mandatory between body and frame. You may replace with a stack of washers, or one piece of anything solid, as long as it is about the same diameter as the factory bushing. Do NOT crush factory body bushings. Front body mount bolts inside passenger compartment must be removed for inspection. Body mount bolts inside passenger compartment that are close together may have one washer six (6) inches x twelve (12) inches, must have two (2) or more body mount bolts through washer. You may add two (2) additional body mount bolts per side inside passenger compartment. All all-threads MUST have nut on top and bottom and NO welds. FULL FRAME MINI'S may be replaced with 1/2 inch O.D. bolts with a stamped washer.
4. A minimum of one chain or wire running from the outside (top) of roof down to the cowl or BAR DOWN TO DASH BAR OF CAGE on the front window is MANDATORY for safety. Maximum of two. REAR WINDOW BARS ARE NOT ALLOWED!

CAGE AND HALO BARS

1. All driver and passenger doors may be reinforced. You should have a six (6)-point cage, cross bars may be ran as follows, one across dash, one behind front seats, and one in rear seat area. You can run four (4) down tubes, two (2) per side. Lower door bars are allowed between down tubes must be 6 inches or more above top of frame. **NOTHING OUT OF DRIVERS' COMPARTMENT.** You can have steel plate between cage and front doors. Must be securely fastened to cage. Front bar must be mounted no more than 2" below the bottom of the front window seal and be no more than 4" in diameter. Must have 6" between front bar and firewall. Front bar cannot be attached to or contact firewall at any time. **ALL DOWN TUBES MUST BE BEHIND DASH BAR, STRAIGHT UP AND DOWN AND ON FLAT PART OF FRAME. CAN NOT GO TO BODY MOUNT BOXES. NO KICKERS TO REAR OR FRONT HUMPS. NOTHING OUT OF DRIVERS' COMPARTMENT.** You cannot weld anything to front bar protruding toward the distributor protector. No grater blades, metal plates or tubing on exterior of body (driver & passenger doors). **DOOR BARS CAN NOT BE INSIDE OF DOORS. THIS WILL BE STRICTLY INFORCED!!!**
2. Halo bars are allowed. Can be attached to door bar. Could be run to the frame but it would be counted as one of your down tubes.
3. This is not mandatory but we encourage everyone to put a steel plate between cage and front driver and passenger doors. Thickness of metal is up to driver. Must be securely attached to cage, must be 2" off of floor, this is for protection not reinforcement.

FRONT PLATES

Plates allowed on fresh cars max. 4- 5x4x1/4 flat plates. You can add 2 more plates 5x4x1/4 to a pre ran car but you can only have a total of 4 plates on the front of the car. The front of the car is considered from the firewall forward. **Must have at least 4 inches between patches and all other brackets** (Do not cut these patches into a bunch of little ones). Frame damage must be obvious to inspectors.

FRAME

1. Top frame seams from A-arms forward may have single bead of weld added. Must be single pass no wider than 3/8" wide by 3/8" high, no extra metal may be added. **DO NOT REWELD ENGINE CROSS MEMBER SEAMS OR ANY OTHER BRACKETS ATTACHED TO FRAME. NO BAND-AIDS NO CONCRETE!!! DO NOT WELD FACTORY HOLES UP; ALL FACTORY HOLES MUST BE OPEN FOR INSPECTION OF FRAME.**
2. **FULL SIZE CARS ONLY** May weld a total of ten (10) inches per side of top frame seams behind A-arms. **If you pitch your frame those welds count in the ten (10) inches of weld behind A-arms.** MUST BE SINGLE PASS NO WIDER THAN 3/8" WIDE BY 3/8" HIGH. **DO NOT REWELD ALL OF THE WELDS ON THE BOXES. NO ADDED METAL. NO EXTRA BRACING OR GUSSETS. DO NOT CUT AND REWELD ON BOTTOM. MINI CARS may be cold bent to pitch frame.**
3. **FULL SIZE CARS ONLY** may have hump plates. Hump plates can be no longer than 22" long: 11" each way from the center of the hump; 1/4" or less thickness; on the outside of the frame only, and must contour to the shape of the frame and have a 3/8" inspection hole drilled through plate and frame for inspection.
4. You cannot alter frame in any way other than specified in rules. Do not crease or reshape frame.
5. You cannot add or replace engine cross members.
6. If you use **FACTORY UPPER TRAY ORIGINAL MUST BE LEFT IN**, non-watts tray must be 1" or more from frame rails. It can be bolted or welded. No welds, gussets, or bracing to frame rails. If you use factory lower brackets they must be mounted in factory position. They may be welded with welds no more than the **FACTORY WELDS** would be. **DO NOT OVER WELD!!!** If you use aftermarket or homemade upper or lower brackets they may be bolted only! Lower brackets may be no longer than 8 inches. **NO WELDING AFTERMARKET OR HOMEMADE BRACKETS TO FRAME!!!**
7. You may run one (1) wire or chain from frame rail to frame rail underneath back of car behind rear end.
8. You may put a bolt with a stamped flat washer thru frame to hold it together. Only one (1) per wheel opening, must be loose during inspection. **DO NOT weld washer. (Pinning of frame)**
9. You may notch the frame for minimal pre-bending, but do **NOT** weld the cut.
10. Buick, Olds or Pontiacs **MAY NOT** fill the large hole in the frame behind the radiator support.
11. If changing front stub, cut 3 inches behind second cross member bolt hole. When replacing, can overlap 2 1/2", able to weld both sides, but no adding extra metal. **MUST BE FROM SAME MAKE AND MODEL.**
12. If restubbing one side of the frame, you are allowed to cut and fit the new frame flush and weld one pass all the way around (butt - fit - weld).
13. All trailer hitches **MUST** be totally removed.

BUMPERS

1. Any OEM shock canister may be bolted or welded to any car. **AMOUNTS OF BOLTS OR WELDS MAY NOT EXCEED TYPICAL STOCK INSTALLATION.** Homemade bumper brackets are permitted, **NO GUSSETS OR BRACING. NOT TO EXTEND BEHIND OEM MOUNTING BOLT LOCATION ON YOUR FRAME. IF YOU SHORTEN THE FRAME YOU CAN ONLY WELD THE BUMPER TO THE END OF THE FRAME AND RELOCATE ORIGINAL TAB FOR CORE SUPPORT, NO METAL ADDED!!!** THIS WILL BE STRICTLY INFORCED!!! May use 2 1/2" max. Round or square tubing. No thicker than 1/4 inch. No solid stock may be used. **NOTHING MAY BE ADDED TO INSIDE OF FRAME.** Any OEM stock automobile bumper may be bolted or welded to the shock canister or bumper brackets. You may use two (2) pieces of light chain per shock. Fenders and bumper ends may be trimmed to allow for wheel clearance. Must have inspection holes to see inside bumper.
2. Must start with stock OEM bumper. Front bumper may be reinforced inside or outside no wider than the bumper shocks. You may weld outer chrome of bumper to inner skin of bumper. Nothing else can be welded to outer chrome. You cannot alter angle of bumper. Anything coming out of bumper during race will be cause for disqualification. No homemade pointy bumpers.
3. May have 1/4" X 2" wide strap from bumper to frame or body, two on front and two on rear. Only a 2"X2" area on each end of strap may be welded to bumper and frame or body.

SUSPENSION

1. Stiffness of suspension will be left up to the discretion of the driver. A-arms may be bolted or lightly welded to frame with strap no more than 1/4" thick and 2" wide, **MUST RUN STRAIGHT UP AND DOWN.** One in front or one behind A-arm. Can be to upper or lower A-arm, but not both. Can only be welded 2" on A-arm and 2" on frame. Only a 2"X2" area on each end of strap may be welded to A-arm and frame. **DO NOT WELD ENTIRE A-ARM TO THE FRAME! NO EXCESSIVE METAL ADDED!**
2. Homemade tie rods and homemade steering shaft are permitted.

ENGINE AND TRANSMISSION

1. Any engine or transmission may be used in any car, but must be mounted in a stock position. **ON A V-BLOCK MOTOR, FRONT SPARK PLUGS MUST BE EVEN OR IN FRONT OF UPPER BALL JOINT; ON IN-LINE MOTORS, NUMBER TWO (2) SPARK PLUG MUST BE EVEN OR IN FRONT OF UPPER BALL JOINT. THIS WILL BE STRICTLY INFORCED!!!**
2. Chained, welded, or homemade motor mounts will be permitted, but must meet approval of officials.

3. Any type of header is allowed, but must be directed away from driver compartment.
4. Transmission oil coolers and engines oil coolers are permitted. All tranny lines must be wrapped or run through PVC. Inspection personnel must approve all mountings, lines, and fittings.
5. Skid plates are allowed. Must be separate oil/transmission plates. No full-length skid plates. No bolting or welding to frame.
6. Distributor protectors are allowed. Cannot be any wider than 12" and must not protrude more than 2" from transmission mounting surface on back of engine block. Must be attached to engine or transmission mounting bolts. MUST HAVE A 1" HOLE 2" ABOVE FLOOR/FIREWALL PINCH WELD, CENTER OF DP. MUST HAVE A 1" HOLE 4" BEHIND FLOOR/FIREWALL PINCH WELD, ABOVE TRANSMISSION. DISTRIBUTOR PROTECTOR OR FIREWALL CAN NOT CONTACT THE CAGE AT ANY TIME.
7. You may beat flat the engine side of the firewall only, do not weld or bolt firewall. Do not re-enforce the firewall/cowl. Do not beat, paint, bolt, weld on, weld to or modify the driver's side of the firewall/cowl in any way.
8. Transmission protectors are allowed. MUST HAVE 2" BETWEEN PROTECTOR AND CROSS MEMBER. CAN NOT CONTACT CROSS MEMBER AT ANY TIME IN ANY WAY. PROTECTOR CAN NOT BE WELDED OR BOLTED SOLID TO CROSS MEMBER. MUST FLOAT OVER CROSS MEMBER.
9. IF ORIGINAL CROSS MEMBER IS REPLACED, YOU MAY USE 2" ANGLE IRON OR 2" CHANNEL MAX. No thicker than ¼ inch.

GAS TANKS

1. Stock gas tank MUST be removed. A METAL BOAT TANK OR HOMEMADE METAL TANK must be mounted in rear seat area and bolted down with metal straps. NO PLASTIC TANKS!!! Other types of installations will not be allowed. NO GAS CANS with hoses duct taped. A Marine (boat) tank or an official approved homemade tank is mandatory. All tanks MUST be covered with a rubber cover. 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 shut-off within reach of driver. NO MORE THAN ten (10) GALLONS OF GAS IN TANK.

REAR END

1. Any automobile rear end can be used in any car. TRUCK OR FLOATER REAR ENDS can be used in any car. You cannot 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. Leaf packs on all cars may have no more than 8 leaves per pack Must be OEM stock. Homemade spring perches or homemade trailing arm brackets may be welded to rear end. Rear end spider gears may be welded solid. You may tilt rear end by shortening or lengthening rear end control arms. Trailing arms may be reinforced. Rear end housing may be reinforced. No dually wheels allowed.
2. Any drive shaft or U joint may be used. Welding of drive shaft is permitted.
3. No extra metal added. Any bracket that shows reinforcement to the frame will not be allowed. JUDGES HAVE FINAL DECISION.
4. You may have five (5) spring clamps per spring. You pick if you want them in front of or behind axle, or split them between the front and back.

TIRES

1. Only sixteen (16) inch or smaller tires and wheels will be allowed. NO SPLIT RIMS ALLOWED.
2. Valve stem protectors, liquid in tires permitted or screws in rims to hold tires in place permitted.

COMPACT CAR RULES

Same rules as full size derby except as follows:

1. Must be powered by four or six cylinder engine.
2. Wheelbase must be 108 inches or less. NO EXCEPTIONS!
3. No four-wheel drive vehicles.
4. MANDATORY! All four/six cylinder cars must have a cage. Four point minimum.
5. **MINI CARS may be cold bent to pitch frame. CORE SUPPORT SPACERS MAY BE NO MORE THAN SIX (6) INCHES TALL!!!**
6. Stock gas tank MUST be removed. A METAL BOAT TANK OR HOMEMADE METAL TANK must be mounted in rear seat area and bolted down with metal straps. NO PLASTIC TANKS!!!
7. All lines under car must be steel lines or if running rubber lines they must be inside of the car.
8. If OEM bumper had no bolts bumper homemade bumper brackets may go six (6) inches from back side of bumper.
9. No pipe over struts.

SEMI STOCK RULES

These rules are the same as our regular semi stock rules. The only exception is it is open to any year of car except there will be no jeeps, trucks, rancheros, elcaminos, convertibles. NO carryalls, Hearst, limos. NO imperials or imperial sub frames allowed. NO LINCOLNS 61 to 70.

Any stock engine or transmission may be used in any car, but must be mounted in a stock position. No performance parts or engines allowed. STOCK ONLY. Engines subject to a \$500 claimer, so if you wouldn't sell your engine before the derby for \$500 don't bring it. The only acceptable upgrades are timing chain, headers, basic tune up, etc. NOT COMPLETE REBUILDS. ONLY the lower stock engine mounts may be welded or chained.

Everything else stays the same as our regular semi stock rules.

BONE STOCK RULES

These rules are the same as our regular Bone stock rules. The only exception is it is open to any year of car except there will be no jeeps, trucks, rancheros, elcaminos, convertibles. NO carryalls, Hearst, limos. NO imperials or imperial sub frames allowed. NO LINCOLNS 61 to 70.

You may take the dash out.

These are the only changes for the bone stock rules.