

SANDUSKY COUNTY FAIR DEMOLITION DERBY RULES & REGULATIONS FOR 2016

COMPACT & MID-SIZE CAR

General: All entrants must be 16 years or older. Any entrant under 18 must have notarized release signed by parent or guardian. The Sandusky County Agricultural Society, or any of its members will not be held responsible for injuries or damage of cars, entrant, mechanic, or car owners.

Any protest must be done 10 minutes prior to 1st heat. A protest fee of \$150.00 must be made.

All winning cars may be re-inspected after feature to confirm car is legal. If you are caught cheating you will forfeit any entry fee, money won, or trophy. Derby official decision is final.

Drivers must wear a crash helmet with shield or eye protection (full face helmet is recommended), long pants, long sleeve shirt & seat belt are required. Driver will not extend any part of his/her body outside of car at anytime while heat is running.

Drivers DOOR & PASSENGER door must be painted white.

All cars must have brakes before inspection.

COMPACT & MID-SIZE: Any car up to 111.0" WHEEL BASE. **4 & 6 CYLINDER ENGINE ONLY.**

COMPACT AND MID-SIZE CARS WILL RUN TOGETHER.

ENGINE:

- Mounts may be chained or welded. Engine swapping is allowed, GM to Ford, Ford to Chrysler etc. Headers to exit straight up through hood.
- No engine protectors of any kind permitted in the YOUTH COMPACT class.

GAS TANK:

- All factory gas tanks must be removed and replaced with a **METAL** fuel cell, boat tank, etc and located in the back seat area. **PLASTIC FUEL TANKS ARE NOT PERMITTED.** Maximum 5-gallons.
- Fuel tanks must be securely fastened & covered before inspection. All tanks must be vented outside of vehicle.
- Electric fuel pump may be used. Must have on & off switch clearly marked on dash.
- Gas tank protectors may be used. Must be **NO WIDER THAN 24" & 2" OFF FROM REAR PANEL NO KICKERS IN ANY DIRECTION.** 3" maximum dimension & 1/4" maximum thickness of material.

ELECTRICAL & BATTERY:

- One battery of any size may be used. Must be securely fastened & covered in drivers compartment before inspection. Solenoid, modules, regulator, etc. May be moved but must remain under hood and in front of firewall.

DRIVERS COMPARTMENT:

- May have a 4 point cage around driver's compartment for safety. Maximum material dimension is 3-in. bar, square tube, channel, etc. One bar may be located behind the driver's seat, across dash, and two connecting bars along driver and passenger doors.
- The bar behind the seat can sit no further back than 6-in. past the front door post.
- A roll over bar is permitted. May **NOT** be attached to frame or floor.
- The cage bars may be attached to the sheet metal only with a maximum 6"x6"x1/4" plate. Cage may **NOT** be attached to frame or floor. If the cage bars are not welded securely, they must be removed in order to participate. This is a safety concern.

TRANSMISSION:

- Trans cooler may be used, must have some type of shield protecting driver in case of cooler rupture. All cooler line must be covered.

TIRES/WHEELS:

- Any wheel or tire may be used (with the exception of deep lug tractor tires and beadlock wheels for safety reasons). No wheel weights, no studded tires. Valve stem protectors may be used.

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FRAME:

- MUST BE STOCK, No plating frame for any reason inside or outside. No welding frame seams anywhere for any reason.
- Body mounts must remain in place or replaced with like material, (NO STEEL SPACERS); Except for the front sub-frame/K-member mount. Only the front mount can be bolted solid OR welded to body with a 3x3x1/4" plate.
- Body bolts may be changed but no larger than 5/8 bolt with 3"x3" washer.
- Notching or pre-bending frame is allowed. Strap or chain may be used from hump to hump but cannot go around axle. If frame is pre-bent or notched NO adding metal or welding permitted @ bend point.

SUSPENSION:

- Front suspension may be solid. If welded, a maximum 2"x2"x1/4" plate is allowed on front and rear of upper A-arms. Bottom A-arms may NOT be welded in any way.
- Rear suspension may be solid. Coil spring swap is permitted. NO leaf spring conversions.
- Strut towers can be welded to obtain ride height or replaced with 2"x2" tubing on front and rear.

BUMPERS:

- **NO LOADED BUMPERS. ANY YEAR FACTORY BUMPER.** Seam welding is permitted. Manufactured or aftermarket bumpers are NOT permitted. Must be able to see into the ends of the FRONT & REAR bumpers. If ends are rolled a 2x2 inch inspection hole must be put into the end of the bumper. No plating of vent or turn signal holes.
- Bumper may be welded to plate & plate welded to frame. NO EXTRA PLATE OR BRACING.
- Bumper brackets, factory bumper shocks or fabricated shocks (up to 2-in x 2-in.) may be used. Either type may not extend further than 5-in. past stock core support mount (location) or longer than 10-in. total length, measured from the back of the bumper. Anything past must be cut off. If bumper shock is inside of frame a 1-in. hole must be put in side of frame to see the end of shock. If front frame is shortened, the bumper shock may not extend past the factory core support mount.

BODY:

- No inner body seam welding for any reason.
- Doors may be bolted, chained, wired or welded in (6) locations per door. If welded, plates to be a maximum of 4"x4"x1/4". Only the driver's door may be fully welded/reinforced, may not extend more than 3-in. past driver's door seams.
- Trunk may be bolted, chained, wired or welded in (10) locations. If welded, plates are to be a maximum of 4"x4"x1/4". Quarter panels must remain in original position. The trunk deck may be V-ed, dished, tucked, or folded. Trunk deck must remain at least 6-in. off all parts of the trunk floor. Quarter panels must remain at stock height. An 8"x8" inspection hole must be cut in the trunk deck. **BODY CANNOT BE WELDED TO BUMPER.**
- Hoods may be chained, wired or bolted in 6 places, must be opened for inspection. 2 front hood pins may go through core support & frame. 5/8" rod MAX.
- A single front and rear window bar is permitted, Rear bar must be attached to speaker deck (in-between rear wheels). May not be connected to the floor, frame, roll over bar or cage material. Sheet metal to sheet metal only.
- Minimum rear bumper height is 16" from bottom of bumper to ground.

RADIATOR:

- Must be stock automotive type radiator & remain in original position NO ANTIFREEZE.

FIX-IT-PLATES:

- Fix-it-plates will be allowed on pre-ran cars only. Must have visible and significant damage. (A small dimple or bubble does NOT warrant a fix-it-plate. This is for significant damage only).
- May have (2) fix-it-plates per side. Only one per side permitted in front of the A-arms.

ANY QUESTIONS CALL BILL MARETT @ 419-681-6121 : TOM MOEHLE @ 419- 668-0630 OR 419-744-4753
RICH MARETT @ 419 668-1231 OR 419-744-7061

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- Plates to be no larger than 4"x4"x1/4".
- Each fix it plate will be measured. Any fix-it-plates larger in size, will be trimmed to allowable size.