

Richland County Fair Association

Olney II

www.richlandcountyfair.org Fair board office phone 618-392-0766

Demolition Derby Rules

MODIFIEDS

(adopted 2/8/2020)

Passengers are allowed and a cage is mandatory. **NO** Sedans, Limousines, Hearses, Checkered Cabs, Imperials, Imperial sub-frames or Imperial frames.

EVERY DRIVER WILL HAVE TO SUPPLY A SOCIAL SECURITY NUMBER OR YOU WILL NO BE ALLOWED TO ENTER.

Front Bumpers

1. Front bumpers can be homemade and **MUST NOT** contain concrete or solid stock.
2. Homemade "POINTY" bumpers may not be bigger than 13" from back to front of point and no more than 8" tall.
3. Point must be contoured from frame rails.
4. Bumper height maximum is 29" to the top of bumper.

Rear Bumper

1. Back bumpers can be homemade, no bigger than 6x6 square tubing, rectangle or pipe.
2. No bigger than a 10" point contoured from the frame rails.
3. Rear bumper height minimum is 17" to the bottom of the bumper.

Shock Tubes Front and Rear

1. Can be no longer than 9".
2. Can be made from no larger than 3" diameter round or square tubing
3. No larger than ¼" thick.
4. Tubing may be inside or outside frame rails and can be on top or bottom or either side of frame rails.

EXAMPLE: If you have 4" of tubing sticking out of your frame you may not have more than 5" inside the frame!

Windshield wire

1. Must have at least (1) bar which may be welded on or a twisted #9 wire attached to the middle of the windshield area to prevent hood from coming in.

Fuel Tank

1. Metal fuel tanks only, no plastic tanks **NO EXCEPTIONS!**
2. If you are using an electric fuel pump **YOU MUST HAVE A LIGHTED SWITCH, NO EXCEPTIONS!**
3. **Fuel leaks of any kind will not be allowed or tolerated!**
4. **Make sure your tank, fittings and fuel lines are snug and secure, or you will not participate.**

Battery Boxes

1. (2) automotive batteries can be used but **MUST BE** secured and covered in floorboard of car.

Tires

1. Any 16" or smaller tire may be used.
2. No studs in tires, no wheel weights and no split rims **AT ALL!**

MODIFIEDS CONT PAGE 2

Frame

1. **NO FRAME SHAPING!**
2. You may pitch any year car. One single bead pass ONLY, **no pinning, grinding, painting, welding, or greasing to cover weld!** Inspectors **MUST** be able to see where the frame is pitched.
3. Frame seams may be welded from the front of top A-Arms forward. Welds must not be bigger than 1/2" wide and 1/4" tall.
4. Hump plates are allowed but can be no bigger than 22" x 1/4" and contour of the frame on coil spring cars.
5. No more than (5) clamps per side of leaf spring cars and no larger than factory clamps.
6. No changing or adding of leaf springs and must be left in stock location.
7. Sway bar must be in stock rubbers on frame and in factory location.
8. Sway bar may be bolted to bottom arm with no bigger than 3/8" bolt, may not be welded to the frame.
9. NO added metal is allowed **ANYWHERE!**

Sleeve at Core Support

May not be bigger than 2" x 2" and can be round or square stock 1/4" thick. Sleeve may be welded to top of frame or top of frame mount and can be welded to the core support.

1. **MODIFIEDS cont.**
2. May not be bigger than 2" x 2" and can be round or square stock 1/4" thick.
3. Sleeve may be welded to top of frame or top of frame mount and can be welded to the core support.

Stub Rule

50% of factory core support mount on frame must be used in its stock location.

Pre-Rans

1. Re-stubbing pre-rans at cross member **ONLY** and may only be butt-welded with **NO** added metal.
2. No changing from coil to leaf spring or vise-versa.
3. May have 1 band-aid per wheel well 4" x 6" x 3/8".

Hoods

1. May use (4) pieces of 1" all thread (can be welded to the frame) and (2) pieces of 6" long 2" x 2" angle iron 1/4" thick welded to the hood and fender ((1) set per side). (2) 3/8" diameter bolts may be used to hold angle iron together.
2. You may use no more than (10) bolts in the hood no bigger than 3/8" diameter to hold sheet metal of hood together.
3. Hoods must have (2) holes at least 4" in diameter on each side of the carburetor. Not directly on top of the carburetor.
4. **HOODS MUST GO THROUGH INSPECTION WITH THE CAR AND MUST BE UNFASTENED AND READY TO INSPECT!!!**

Tires

1. Any 16" or smaller tire may be used.
2. No studs in tires, no wheel weights and no split rims **AT ALL!**

MAKE SURE ALL AIR BAGS ARE DISCONNECTED!!!!!!!!!!!!!!!

NO extra weights, NO trailer hitches, NO special lifts, blocks or shackles. Airlifts and air shocks must be deflated.

Cage

1. Cage may not extend 12" behind the rear of the front door post on a four-door car or 6" behind the rear of the door on a two-door car.
2. All down posts must be straight up and down except for cages through doors, down posts may be angled downward for attaching the cage to the frame.
3. All (4) points may be welded to the frame.
4. Halos may be ran inside or outside of car and must touch the roof.
5. No kickers from cage to firewall.
6. No rear kickers to cage.
7. Dash bar must be 4" from center of firewall.
8. No part of cage can be connected in any way to door posts, firewall, transmission brace, bell housing, or cross member!
9. Windshield bar must be bolted **ONLY** to the firewall and not welded, must be 6" from door posts on each side and no more than 2" wide and 1/4" thick.
10. Gas tank protectors can be no more than 30" wide with a 1" gap top and bottom on fresh or pre-ran cars from the package tray, **CANNOT** be fastened to the package tray **AT ALL!** May have a halo over gas tank.

Trunk Lids

1. Trunk lids can be welded 5" on 5" off all the way around from sheet metal to sheet metal only.
2. Strips may only be 2" x 5" x 1/4" thick.
3. You may have (4) pieces of all thread 1" diameter. (2) can be through the body mount holes and (2) can be welded to the frame.
4. **ALL THREAD MUST BE STRAIGHT UP AND DOWN!**

Fenders

1. You may use (10) bolts 3/8" diameter per wheel well on front and back.
2. No skinning or added support of any kind is allowed.

Radiator

1. No homemade radiators.
2. Radiator protector can be wire mesh 1/4" thick fastened with 3/8" bolts to core support in (4) places **TOTAL** and cannot be welded.
3. Protector cannot be any wider than the radiator.

Doors

1. Doors can be welded solid all the way around with no bigger than 4" x 1/4" from sheet metal to sheet metal.
2. Front doors may be plated inside or outside.
3. If door is plated on the outside, door seam to door seam only 1/4" thick.
4. If door is plated inside, it may go from side bar to sheet metal only and no wider than the door seams.

Body Mounts

1. No bigger than 1" all thread with no larger than 6" s 6" x 1/4" plates.
2. #9 wire only may go from frame to cage or roof limited to (8) double strands.

Rear Ends

1. Any rear end 8-lug and smaller may be used and can only be chained in (2) places.
2. No coil to leaf spring conversions or vice versa allowed.