

# Wright County Fair Full Size Car Limited Weld Class 2024

**Imperials 1973 or older, Imperial sub frames, Lincolns 1969 or older, 2003 cars & newer with extruded frames (i.e. Ford Crown Vics & Lincolns) are not allowed.**

If it is not in these rules, don't do it. No welding other than specified.

All glass, plastic, white metal grills and trim must be removed before entering grounds. No wheel covers allowed. Vehicles must be clean and free of loose objects. All decking in station wagons must be removed.

Driver's window may have wire mesh or straps for protection. Front windshield may have two bars running from roof to cowl and may be bolted or welded to sheet metal only. Rear windshield may have one bar running from top of window to not more than 6" starting at front trunk seam, and may be bolted or welded to sheet metal only.

Original gas tanks must be removed. Gas tank must be metal and be located in the back seat area of the vehicle. Gas tank protector allowed and can be attached to the seat bar, 35" wide max, may not be attached to any sheet metal, **and the back of protector must be vertical and not angled.** Electric fuel pumps are allowed if mounted securely in the vehicle. Must have shut off near steering wheel or wired to ignition.

Two batteries are allowed and must be inside the vehicle on the passenger side floor and be securely fastened (bolts may go through the frame) and covered. Rubber mats are acceptable. A box or container is recommended.

Auxiliary water systems are **NOT** allowed. Original or automobile radiator must be left in its original position. No metal or mesh to protect radiator. The fan may be removed or cut. Electric fans are allowed.

Headers allowed through the hood not to extend higher than the roof of the vehicle. There must be a hole (12" minimum) cut in the hood for fire safety. Holes in hood for headers may be bolted with 4 bolts per hole.

Transmission shifter may be located on the floor. Transmission coolers are allowed. No transmission braces or aftermarket bellhousings allowed. Stock transmission crossmember or 2 x 2 tubing must be used and it must be mounted in factory fashion (bolted not welded) and not to strengthen the frame.

Aftermarket shifter, slider driveshaft, steering column, gas and brake pedals allowed.

Use motor and transmission of choice. NO midplates allowed. Lower engine cradle allowed along with aftermarket lower engine mounts. No front plates or extreme type engine protectors, pulley protectors, or distributor protectors. Distributor cap clamp allowed. No other reinforcement allowed.

Ignition wiring may be changed to a simplified ignition harness with aftermarket switches.

Spindles, A-arms, ball joints, struts, and tie rods must remain stock. Upper A-arms may be swapped with other factory A-arms, no modifications allowed for mounting. Front upper A-arms may be welded down with 2 pieces FLAT strap 2"x4"x1/4" or a pipe put in place of shock.

Any ply of tire allowed and tires may be doubled. Uni-lug centers allowed, 9" maximum on stock automotive rims. Valve stem protection allowed. Tires may be screwed to rim. Wheel weights must be removed.

All trailer hitches and parts must be removed from vehicle.

Body creasing and trunk tucking allowed. Do not bend in sides of trunk, no wedges. No welding or bolting of body.

Body mounts and bolts must remain STOCK.

Any automotive bumper may be used on front and back of vehicle. Stuffed bumpers are allowed. Factory bumpers only, no replicas or homemade. Bumpers may be cut away or bent and seams may be welded. Any factory bumper bracket and shock (maximum of 12" long) may be welded onto front and back of vehicle. If not using a bracket or shock, you may use a FLAT 1/4" maximum plate 12" long and 4" wide.

Dash may be removed. 5" maximum bracing is allowed for cage. Dash bar is allowed along with a bar behind driver's doorpost to doorpost on passenger's side for driver protection. No more than 12" behind driver's seat. Bracing is allowed to connect the dash bar and doorpost to doorpost bar on passenger and driver's side (can be an X). Two down bars allowed from cage to floor on driver and passenger side and may be attached to the top side of the frame. Must be straight down and not angled forward or backward. **Down bars may be no farther forward than the front inside door seam.** Do not mount your dash bar closer than 3" from **ANYTHING**. Roll loop allowed behind driver's seat (not more than 12" behind seat). May be attached to top of frame and welded or bolted to the roof.

Driver's door may be fully welded and all other doors may be welded 6" on and 6" off. Doors may only be welded on the outside only. If doors are not welded, they may be chained/bolted/wired in 4 spots to keep them shut.

Hoods may be bolted using 4 bolts total. Two of which may be 1" max threaded rod at core support that may bolt through the frame. The remaining two bolts must be sheet metal to sheet metal and a max of 12" long. Hood washers max of 4" x 4" x 1/4".

Trunk lid may be bolted using 4 bolts total. Two of which may be 1" max threaded rod that can be bolted through the frame. The remaining two bolts must be sheet metal to sheet metal and a max of 12" long. Trunk washers max of 4" x 4" x 1/4".

Stock automotive rear-ends only, 5 lug maximum. May be welded posi. No bracing allowed. All vehicles must have working brakes at all times.

Rear control arms may be shortened, but must remain factory. You may add 4 leaf clamps to each set of springs. Max size of 4" long x 2" wide x 1/4" thick. You may double rear coil springs.

If you have to re-stub your vehicle, you are only allowed to butt weld the frame together. This means no overlapping. You are allowed 1"x1/4" to go around the stub only. **NO CUSTOM FRAMES ALLOWED.** NO shaping of frames. Re-stubs must be from same model and vintage. Cold bending of frames allowed, no cutting or welding. Rear frame may be notched. Front frame may be shortened to core support; core support may not be moved. Core support spacer is allowed, 2" x 2" max, welded on bottom side only.

Pre-run cars will be allowed to plate where a car is bent. There must be proof of bend where the plate is. Plate cannot exceed 5"x5"x1/4". No more than **6** plates total on car.

Number must be painted in bright colors on both front doors and must be at least 15" tall. An upright roof sign with car number can be used on the roof for identification of vehicle.

No objects, obscene words or suggestions allowed on vehicle. They will be removed at judges discretion.

No alterations allowed on vehicles after inspection, you may be disqualified.

Vehicles may be subject to re-inspection at any time.

**Don't assume anything – call first. Must know your vehicle type, model, and which class you are in . No welders allowed in pit.**