

2023 Lodi Agricultural Fair Demolition Derby  
**Saturday – July 8th at 7:00 pm**  
Lodi Fairgrounds – Lodi

**GENERAL RULES FOR ALL CLASSES**

1. All glass, including the windshield, side windows, rear windows, head and tail lights and mirrors must be removed from the vehicle. All interior carpet and door panels must be removed, including the entire rear seat. The door panel on the driver's door may be left for protection. Stock gas tanks and exterior trim and moldings must be removed.
2. Each driver must fill out an entry form. All drivers must supply their own vehicle.
3. Each driver must be of legal age per the State of Wisconsin and/or have a valid driver's license. If under the age of 18 years, parental consent is required.
4. The track and/or promoter reserves the right to reject or approve any and all entries.
5. Only persons with pit passes are allowed in the pit area.
6. **NO DRINKING OF ALCOHOLIC BEVERAGES ON THE TRACK OR IN THE PIT AREA!!** Any driver that is found under the influence of drugs and/or alcohol will be disqualified and removed from the grounds. **NO going into the beer tent, security at the beer tent will be checking for Demo Pit wristbands.**
7. The promoter will not be held responsible for the vehicles, parts, or personal property; before, during, or after the derby.
8. **No one under the age of 14 years is allowed in the pit area.**
9. Vehicles may be decorated in any manner that stays within the limits of good taste.  
**NO OBSCENITIES WILL BE TOLERATED**
10. Only 1 vehicle per class may be entered per driver and this vehicle must be owned by the driver.
11. Respect will be shown to all firemen, EMS, and officials; lack of respect and cooperation will result in removal from the competition.
12. All vehicles **MUST HAVE WORKING BRAKES** at the start of heat.
13. All vehicles must have a suitable hole for putting out fires; in the event that these holes are not big enough, drivers will be required to enlarge them- 2 fires max.
14. Each vehicle **MUST** have a visible number painted on it that is at least 24 inches tall. This number must be painted on **BOTH** front doors & **STANDING ON THE ROOF OF THE VEHICLE.**
15. If there are airbags in the vehicle, they **MUST** be disarmed before competition.
16. If you are found to be over built for these rules, you will be given 2 options:  
A- CUT OR REMOVE ILLEGAL PARTS    B- LOAD ON TRAILER AND GO HOME  
Either way you will NOT RECEIVE A REFUND

**COMPETITION**

1. Seat belts are required, but shoulder belts are not. Seat belts must be securely fastened.
2. Helmets must be worn at all times. **Eye goggles or face shields, gloves, long sleeved shirts, long pants, and lace up shoes or boots are also required.**
3. No deliberate hitting of the driver's door is allowed.
4. The boundaries of the demo area must be observed.

5. Drivers have 1 minute to start their vehicle and a 30 second time limit will be enforced by the track officials, for restart for making competitive contact with another vehicle. Hits **MUST BE AGGRESSIVE**. Simple contact within the limits does **NOT** constitute combat and can be considered sandbagging. Drivers will be given only 1 warning by an official pointing at the driver; next time this occurs your stick will be broken!
6. The demo officials have the right to refuse registration to anyone that they feel is not qualified for competition.
7. The decisions of the demo officials are final.
8. **Absolutely no holding will be permitted. There will be NO TEAMING allowed.** If this is observed the drivers who are teaming will be asked to break their sticks. The officials will make this call.
9. Once the driver is out of their vehicle, the driver is out of the heat. Drivers will not be able to return to their vehicle until the heat is over.
10. When a **RED** flag is displayed, there will be **ABSOLUTELY NO MOVEMENT**. This is for the protection of the safety personnel and the officials. If there is any movement, you will be asked to break your stick.
11. If a rollover occurs, the safety personnel and the officials will flip the vehicle over and then after an inspection and the ok from the firemen that it is safe, the driver will be able to run their vehicle if they wish to continue. The safety personnel and the officials will **NOT** pull vehicles apart, but drivers will be removed from the vehicle if there is a safety issue.

## **PREPARATIONS OF FULL SIZE CAR CLASS**

1. ANY YEAR VEHICLES BESIDES **NO** wedged or sedan cars allowed. **NO** convertibles, hearses, limousines, imperials, or suicides allowed.
2. Switching engines are allowed. BASIC header protectors are allowed. May have a tube or angle from header to header to protect air cleaner. Nothing attached to the block.
3. **Engine Cradle** - You can have a basic lower cradle and motor mounts of choice. If you run aftermarket motor mounts with basic lower cradle. YOU MUST have a relief cut in your Transmission Tunnel. Motor mounts must not be any larger than 8x8 mounting surface. Mounting surface must stay at least 3 inches from frame rails. **NO** sway bar link. **NO** pulley protectors. **NO** distributor protectors. **NO** head plates. **NO** motor halo bars. You may run a chain from frame to cradle to keep it tight. Bolt the chain to the factory bolt hole or weld a small angle to top of the frame. **Engine Cradle** - If you choose not to use the basic lower cradle, USE AFTERMARKET MOTOR MOUNTS.
4. **Radiator** - Only OEM or factory aluminum racing radiators allowed. Radiators must be in stock location and may be held in with max 4- ½ inch threaded rods. Rods can only connect with 2 inch by ½ inch straps on top and bottom of the radiator. No welding of the straps. **NO** radiator barrels or protectors allowed. Simple expanded metal is allowed only by the size of the hole of the radiator bolted in with 6- ⅜ bolts. Creative guards are allowed as long as they are in thickness and size of regulations and bolted in with 6- ⅜ bolts. It can only be 2 inches wider than the hole in front of the radiator or air condenser unit.

5. **Rear End** - You may use any 5 lug rear end, **NO** 8 lug rear ends. Welded or Posi trac highly recommended. May have a simple rear end brace. Braces must be on the back only. Nothing may be on the bottom, top, or front. Brace size can be no bigger than 2x8 inches. Brace can be no wider off the axle tube than 5 inches. Braces must be 6 inches away from the frame, top, bottom, front side. *If it doesn't fit those measurements don't run it.* Not intended to strengthen the frame or control arms. Pinion Brakes are allowed as long as it does not strengthen the frame. **NO** axle savers. Slider driveshafts are allowed. 1998 and newer Fords upper watts links conversion bolted in **not** welded (*only the lower bracket of the watts links can be welded 6 inches total*)
6. **Battery** - Two automotive batteries may be used and it must be located in the passenger compartment: securely mounted, and covered with rubber floor mats.
7. **Gas Tank** - Gas tanks are limited to a capacity of 10 gallons. Gas tank must be securely fastened in the middle of the back compartment of the vehicle. **NO** stock auto or plastic gas tanks are allowed. The fuel cell protector has to be 4" from the package tray and 4" from the floor. The protector can not exceed 24" wide and may not tie into rear frame humps, drive train, frame, or body mount bolt plates. No larger than 3x3 material.
8. **Electric Fuel Pumps** - are allowed and must have an on/off switch on the LEFT side of the steering wheel and marked on/off. Electric fuel pumps must be mounted by the gas tank in the rear seat area.
9. **Bumpers - NO Chrysler Pointy or Replicas.** Any automotive bumper allowed may be stuffed and seamed welded Or you may run up to 3x6 tube or pipe for a bumper. (Tube can't be any wider than the tires). **STRAIGHT CONTOUR ONLY** (  $\frac{3}{8}$  max thickness, must be hollow). Bumpers may be hardnose, cut flush with core support mount. You may weld a 4x4 by  $\frac{1}{4}$  inch plate from the bumper to the side of the frame (Front Only). This is to help hold the bumper on not to strengthen anything, go only  $\frac{1}{2}$  inch pass around the frame or shock. If your car comes with shocks, you may weld them. You may weld bumper brackets lightly in stock position, don't slide back. Shock can't go any farther back in frame then 8 inches from where you hardnose the bumper.  
**Rear Bumpers** may be factory to car or run any other type of rear automotive bumper. Or you can weld **NO** bigger than 2x6  $\frac{1}{4}$  inch thick tube on the back. Tube can not be no wider than a factory bumper. ALL cars must have a bumper on the back. **NO** bumper brackets.
10. **Frames** - **NO** frame seams may be welded anywhere. **NO** tilting, cold bending, pinning, plating, painting, or undercoating the frame. **NO** hump plates allowed. **NO** beating in the humps allowed.
11. **Doors** - Doors must be secured by the following: 2 chains per seam, 2- #9 wire per seam, or 2- plates (3 inches X 4 inches X  $\frac{1}{4}$  thick per seam). **You may only choose one of those, not all 3.** Plus, you may have one 2x2 strap on top of the door. **The driver door may be welded solid for the driver's safety.** **No** door skins. Chains may not be any longer than 36 inches. The minimum chain link is  $\frac{1}{4}$  inch. **Nothing May Be Welded to the Frame.**
12. **Safety** - A 4 point cage (seat, dash, and door bars) is **MANDATORY.** 3 inch minimum to 6 inch max size is allowed. Door bars can be only 6 inches past the rear seat bar. Side bars 60 inches max and **no** more than 6 inches from rear seat bar and must be vertical and not inside of doors. Halo bar is allowed. It can only be attached to the seat bar by welding or bolting. You may bolt to the roof of the car- 2 bolts max 7/16. **You may have 4 down legs vertical to body NO bigger than 2x6 material.**

- 13. Hood** - Hood may be secured in 6 spots. You can use 6 rods, or angles, or #9 wire. Only two rods can go through the frame in the core support. You may only choose one of those, not all 3. The rods can be no larger than 1" and no longer than 4" above the hood (only 3 nuts per rod allowed) and a 6" spacer between core support and frame (3x3 inch tube). Spacer must be between top of frame and bottom of core support. Plate size of rod can be no larger than 6x6 material. **NO** welding of any kind.  
Angle size- 4x2 and no bigger than ¼ inch with 2- 7/16 bolts max to hold the angle together.  
**MANDATORY:** A piece of rebar or a piece of 2 inch x ¼ inch flat stock OR a ¾ chain to run from the roof to the cowl in the windshield area for driver's safety.
- 14. Trunk** - Trunk may be secured in 4 spots. You can use 4 rods, or angles, or #9 wire. You may only choose one of those, not all 3. The rods can be no larger than 1 inch and no longer than 4" above the trunk lid. Threaded rod in the trunk may be secured to the frame by bolting or welding. Threaded rod must be completely vertical. ONLY 2 threaded rods can come in contact with the frame for the trunk, the other two sheet metal to sheet metal. Only 3 nuts per rod allowed. Plate size of rod can be no larger than 6x6 material. 50% of the trunk lid can be 90'd. NO dish, NO pounding on stock.  
Angle size- 4x2 and no bigger than ¼ inch with 2- 7/16 bolts max to hold the angle together.
- 15. Body Mounts** - You must have a rubber mount similar to the stock one, no shorter than 1 inch high. Hockey puck is allowed. Stock rubber mount metal cones must be tacked. **NO** metal spacers. Stock thickness between the body and frame. If you have damage or a broken bolt, you may change them. Keep bolts to no larger than ½ inch bolt size. If you cut bolts out **3 inch** washer max on top of body and inside of frame only, first and last body bolt does not need a mount in place.
- 16. Tires** - Any ply tire allowed: 30" max height. Must be a rubber air filled tire. **NO** solid rubber tires, beadlocks, or bead protectors are allowed. Rims must be factory automotive rims **NOT** homemade. Welds in full centers are allowed. Valve stem protectors are allowed. Remove all wheel weights before inspection
- 17. Suspensions** - Must be OEM spindles, tie rods, upper and lower A-arm, ball joints, and steering box. You may change front and rear springs to change the height of your vehicle. You may add 4 leaf spring clamps to leaf springs. You must chain coil springs in **only** around the spring and axle tube. You may lightly weld the joint/sleeve where the inner and outer connect to the tie rod. **NO** leaf spring conversions allowed. **NO** tie rod protectors allowed. You may install an aftermarket steering column and steering wheel.  
**FRONT** - No aftermarket springs. A- arms may be welded down or chained. If welded, 2- 5/16 inch chains may be used with no more than two links welded to the spring bucket area or 2- 2 x 4 x ½ inch flat straps allowed per upper A- arm, don't reinforce the frame and go only to the spring bucket area. ONLY direct bolt on. NO alterations to make it bolt on. NO truck parts.  
*2003 to 2011 Fords and Lincoln's refer to your section.*  
**REAR** - Stock trailing arms may shorten to adjust pitch of rear end, 2 inch overlap max. No other welding or strengthening them. DO NOT add weld or any material around bushings. You may run up to one ¾ chain in rear per side to frame, single layer only bolt or weld one link, no threaded rod.  
**03+ SECTION** - 03, newer Fords, and Lincolns MUST run all stock rack & pinion and all other stock components in the front. A-arm must be off of a 2003 to 2011 Ford or Lincoln. You may run an aftermarket steering column. No hydraulic steering. You will be allowed a SMALL mounting plate or small cradle (Grey Area Derby Product Allowed) for your motor. **STITCH WELDED ONLY!** You may weld mount lightly to frame between the factory cradle bolt holes, NO more than 6" of weld per side, any more you will cut. No LARGER A- arms of Rack & Pinion.  
1980 tie rods may be used- welded to the factory nob.

**BALL JOINTS** - No threaded rod or bolts may be used to replace ball joints. No screw in ball joints unless factory with that make and model car. (Ex. Chrysler). No welding ball joints (unless stated below), direct bolt on car type only. 03 & Newer may replace the lower and upper ball joint with a stock Crown Vic ball joint & either press it back in or lightly weld in the correct position.

18. **Bolts** - You may have 8 bolts per cut out on the hood,  $\frac{3}{8}$  inch max. Fenders may have up to 3-  $\frac{3}{8}$  inch bolts per fender. No bolts in the trunk or any other body panels.
19. **Body** - Rear  $\frac{1}{4}$  panels must be left in the factory position. Factory package tray must be left in their original position. You may tuck 50% of the trunk lid only. **NO** body creasing. **NO** dishing. **NO** rear window bar allowed. **NO** wedged or sedagon cars allowed.
20. **Transmissions** - Transmission must be a factory stock case. **NO** Steel Bell, **NO** Aluminum Bells, and **NO** JW Bells. Trans Coolers are allowed, lines must be safely secured. Cross members may be no bigger than 2x2 inch max tubing,  $\frac{1}{4}$ " thick. May weld 3x3 angle to frame for crossmember, no wider than 6". Weld sides of angle only. Stock OEM trans mount. Don't pressure your transmission into the tunnel, there must be significant space (1 inch or more) between yours trans and tunnel. Do not design anything off your trans to catch crossmember. Stock bolt size for transmission mount (7/16). Older Cadillac crossmembers must have a 3 inch space from frame forks. For LS guys a simple trans adapter plate is allowed, nothing more than 1 inch higher than trans. **NO** mid plates.
21. **FIX IT PLATES - NO FRESH CARS PLATED**. If the frame is bent (has to be bent) not just a stress bend. You are allowed 1 3x4 inch by  $\frac{1}{4}$  inch plate. You will be allowed 4 plates, 1 per corner of frame. **DOES NOT MEAN TWO ON THE SAME SIDE OF FRAME**. Once your 3x4 plate is gone, it's gone. **DO NOT PUSH THIS RULE**. If the plate is too big or you put too many on, you will cut plates off till it's right. If the frame is bent in more than one spot, pick the worst bend and leave the other. **DO NOT PUSH THIS RULE**. If you have any questions, call beforehand, DON'T just assume. **BEND MUST STILL BE VISIBLE AFTER PLATE IS APPLIED.**

## **PREPARATIONS OF TRUCK CLASS**

PLEASE NOTE-  $\frac{1}{2}$  and  $\frac{3}{4}$  ton will run together

1. 1971 and newer only  $\frac{1}{2}$  or  $\frac{3}{4}$  tons allowed. Suburbans 2 or 4 wheels are allowed. **NO** HD frames, 1 ton dually suspensions or frames, excursions, or super duty allowed. 4wd drive trucks must remove the front driveshaft to compete
2. Switching engines are allowed, and must be within 4 inches of factory location. Tranny coolers are allowed as long as they are safe and must be securely fastened. BASIC header protectors are allowed. Nothing attached to the block.
3. **Engine Cradle** - You can have a basic lower cradle with stock lower frame mounts. **NO** pulley protectors. **NO** distributor protectors. **NO** head plates. **NO** motor halo bar. You may run 1-  $\frac{3}{8}$  chain from frame to cradle to keep it tight. Bolt the chain to the factory bolt hole or weld a small angle on the frame to bolt to. *Must be stock rubber mounts. NO aftermarket mounts.*
4. **Radiator** - Only OEM or factory aluminum racing radiators allowed. Radiators must be in stock location and may be held in with max 4-  $\frac{1}{2}$  inch threaded rods. Rods can only connect with 2 inch by  $\frac{1}{8}$  inch straps on top and bottom of the radiator. No welding of the straps. **NO** radiator barrels or protectors allowed. Simple expanded metal is allowed only by the size of the hole of the radiator bolted in with 6-  $\frac{3}{8}$  bolts. Creative guards are allowed as long as they are in thickness and size of regulations and bolted in with 6-  $\frac{3}{8}$  bolts. It can only be 2 inches wider than the hole in front of the radiator or air condenser unit.
5. **Rear End** - Any 8 lug, 6 lug, or 5 lug rear ends allowed. **NO** car rear ends. **NO** braced rear ends. Pinion breaks allowed.

6. **Battery** - Two automotive batteries may be used and it must be located in the passenger compartment: securely mounted, and covered with rubber floor mats.
7. **Gas Tank** - Gas tanks are limited to a capacity of 10 gallons. Gas tank must be securely fastened and located in the forward center of the box or inside of the cab. **NO** stock auto or plastic gas tanks are allowed. Gas line to be run in a protective conduit. Fuel cell is highly recommended.
8. **Electric Fuel Pumps** - are allowed and must have an on/off switch on the LEFT side of the steering wheel and marked on/off.
9. **Bumpers** - Any year OEM bumper may be used. **NO** Chrysler pointy or Replica bumpers. Any other automotive bumper allowed may be stuffed and seamed welded. OR you may run up to 3x6 tube or pipe for a bumper (tube can not be no wider than the tires). STRAIGHT CONTOUR ONLY ( $\frac{3}{8}$  max thickness must be hollow). Bumper may be hardnose. Cut flush with core support mount. You may weld a 4x4 by  $\frac{1}{4}$  inch plate from the bumper to the side of the frame (front only), to help hold the bumper on not to strengthen.  
Bumper height- 24 inches max measured from ground to bottom of frame. 19 inches minimum from ground to bottom of frame.  
Rear bumper- Stock back bumper or run a square tube 2x6 max from frame to frame. May put on the inside of the frame or go to the outside. If outside of the frame only 2 inches past frame on each side.
10. **Frames** - **NO** welding on frames unless specified.
11. **Doors** - Doors must be secured by the following: 2 chains per seam, 2- #9 wire per seam, or 2- plates (3 inches X 4 inches X  $\frac{1}{4}$  thick per seam). **You may only choose one of those, not all 3.** Plus, you may have a 2x2 strap on top of the door. **The driver door may be welded solid for the driver's safety.** No door skins. Chains may not be any longer than 36 inches. The minimum chain link is  $\frac{1}{4}$  inch. **Nothing May Be Welded to the Frame.**
12. **Safety** - A 4 point cage (seat, dash, and door bars) is **MANDATORY**. 3 inch minimum to 6 inch max size is allowed. Door bars can be only 6 inches past the rear seat bar. Side bars 60 inches max and **no** more than 6 inches from rear seat bar and must be vertical and not inside of doors. Halo bar is allowed. It can only be attached to the seat bar by welding or bolting. You may bolt to the roof of the car- 2 bolts max 7/16. **You may have 4 down leg vertical to body NO bigger than 2x6 material.**
13. **Hood** - Hood may be secured in 6 spots. You can use 6 rods, or angles, or #9 wire. **You may only choose one of those, not all 3. Only two rods can go through the frame in the core support.** The rods can be no larger than  $\frac{3}{4}$  inch and no longer than 4" above the hood. 6 inch spacer between core support and frame 3x3 max, **NO** welding of any kind. Spacer must be between top of frame and bottom of core support. Only 3 nuts per rod allowed. Plate size of rod can be no larger than 6x6 material. **NO** welding of any kind. You may have 8 bolts per cut out on the hood,  $\frac{3}{8}$  inch max. Angle size- 4x2 and no bigger than  $\frac{1}{4}$  inch with 2- 7/16 bolts max to hold the angle together.  
**MANDATORY:** A piece of rebar or a piece of 2 inch x  $\frac{1}{4}$  inch flat stock OR a  $\frac{3}{8}$  chain to run from the roof to the cowl in the windshield area for driver's safety.
14. **Cab** -The cab can be secured down by 4 threaded rods no bigger than  $\frac{3}{4}$  inch, 3 nuts per rod, 6"x6" plates OR secure the cab down by welding the rods to the outside of the frame; the rod can only go 4 inches down the frame. May be welded to the box by using one 4" x 8" by  $\frac{1}{4}$  inch strap per side of the truck. Plate may be cut in half to cover more of the gap. No more than 8 inches long. The box and cab can be secured together with 2 threaded rods no bigger than  $\frac{3}{4}$  inch, 2 nuts per rod, 6x6 inch plates.

15. **Box-** Trucks must have a box. NO flat beds or homemade boxes. Must remain upright in stock location. NO tucking. NO shortening of the box. May have a slightly larger plate bigger than your fuel cell to sit on in the box for safety. Fuel cell plate no larger than the fuel cell, 3 inches. Must be a free floating bolt-in to sheet metal only. Not attached to the back seat bar or cab. The box can be secured down by 10 threaded rods no bigger than  $\frac{3}{4}$  inch, 2 nuts per rod, 6x6 inch plates OR secure the box down by welding the rods to the outside of the frame; the rod can only go 4 inches down the frame.
16. **Tailgate** - Tailgate must be in a factory location. May be welded, chained, or wired to fasten the tailgate. Chain 2 per seam or weld a full length 3 inch wide strap per seam, outside only. NO WELDING INSIDE BOX. You may weld the tailgate to the bumper with a strap in 3 spots, 2" x 6" x  $\frac{1}{4}$ ". Including suburbans
17. **Body Panels** - NO creasing allowed. May use 3-  $\frac{3}{8}$  inch max bolts per front fender & box sides.
18. **Suspensions** - Must have stock springs, no homemade springs. You may clamp springs, 4 per side. Clamp size: 7/16 bolts,  $\frac{3}{8}$  max thick. 3 inch wide material. NO LEAF CONVERSION if it didn't come with leafs from the factory, you can't put them in- doesn't matter if the holes are there. Front end may be pulled down with two  $\frac{3}{8}$  chain per side with two  $\frac{1}{2}$  inch bolts. OR you may run a 2x2 or smaller tube for a shock. Has to be bolted only, NO welding. NO welding or strengthening tie rods, must be stock in the truck you're running. Aftermarket steering column allowed.
19. **Tires** - Any ply tire allowed: 33" max height, nothing smaller than a 23 inch tire. Must be a rubber air filled tire. **NO** solid rubber tires, beadlocks, or bead protectors are allowed. Rims must be factory automotive rims **NOT** homemade. Welds in full centers are allowed. Valve stem protectors are allowed. Remove all wheel weights before inspection
20. **Transmissions** - Stock Trans ONLY. **NO** aftermarket bells. Use a stock crossmember or 2x2 square tube. Stock OEM GM trans mount. Use 6"x2"x $\frac{1}{4}$ " angle to mount the tube, weld on bottom only. Slider driveshafts allowed. NO trans braces allowed. Floor shifter allowed. Trans coolers are allowed.
21. **FIX IT PLATES - NO FRESH TRUCKS PLATED.** If the frame is bent (has to be bent) not just a stress bend. You are allowed 1 3x4 inch by  $\frac{1}{4}$  inch plate. You will be allowed 4 plates, 1 per corner of frame. DOES NOT MEAN TWO ON THE SAME SIDE OF FRAME. Once your 3x4 plate is gone, it's gone. **DO NOT PUSH THIS RULE.** If the plate is too big or you put too many on, you will cut plates off till it's right. If the frame is bent in more than one spot, pick the worst bend and leave the other. **DO NOT PUSH THIS RULE.** If you have any questions, call beforehand, DON'T just assume. **BEND MUST STILL BE VISIBLE AFTER PLATE IS APPLIED.**

## **PREPARATIONS OF 4 & 6 CYLINDER CLASS**

PLEASE NOTE- will run together

1. ALL VEHICLES BESIDES **NO** wedged or sedagon cars allowed.
2. 4 cylinder cars may not exceed a 107 inch wheelbase. 6 cylinder cars may not exceed a 112 inch wheelbase. The measurements are made from the center of the hub of the front axle to the center of the hub of the rear axle.
3. Front wheel drive ONLY
4. **Radiator** - Only OEM or factory aluminum racing radiators allowed. Radiators must be in stock location and may be held in with max 4-  $\frac{1}{2}$  inch threaded rods. Rods can only connect with 2 inch by  $\frac{1}{8}$  inch straps on top and bottom of the radiator. No welding of the straps. **NO** radiator barrels or protectors allowed. Simple expanded metal is allowed only by the size of the hole of the radiator bolted in with 6-  $\frac{3}{8}$  bolts. Creative guards are allowed as long as they are in thickness and size of regulations and bolted in with 6-  $\frac{3}{8}$  bolts. It can only be 2 inches wider than the hole in front of the radiator or air condenser unit.

5. **Rear End** - You may have 2-  $\frac{3}{8}$  chain to hold the rear end down and hold springs in.
6. **Battery** - Two automotive batteries may be used and it must be located in the passenger compartment: securely mounted, and covered with rubber floor mats.
7. **Gas Tank** - Gas tanks are limited to a capacity of 10 gallons. Gas tank must be securely fastened in the middle of the back compartment of the vehicle. **NO** stock auto or plastic gas tanks are allowed. The fuel cell protector has to be 4" from the package tray and 4" from the floor. The protector can not exceed 24" wide and may not tie into rear frame humps, drive train, frame, or body mount bolt plates. No larger than 3x3 material. Fuel lines must run through the dash of the vehicle with a protective coating NOT through the windshield area.
8. **Electric Fuel Pumps** - are allowed and must have an on/off switch on the LEFT side of the steering wheel and marked on/off. Electric fuel pumps must be mounted by the gas tank in the rear seat area. Gas tanks must be mounted in the center of the rear seat area.
9. **Bumpers - NO Chrysler Pointy or Replicas.** Any other automotive bumper allowed may be stuffed and seamed welded. Or you may run up to 3x6 tube or pipe for a bumper. (Tube can't be any wider than the tire's). **STRAIGHT CONTOUR ONLY** ( $\frac{3}{8}$  max thickness must be hollow). Bumpers may be hardnose. Cut flush with core support mount. Also, you may weld a 4x4 by  $\frac{1}{4}$  inch plate from the bumper to the side of the frame (Front Only). This is to help hold the bumper on, not to strengthen anything-  $\frac{1}{2}$  inch pass around the frame or shock. If your car comes with shocks, you may weld them. Shock or square tube can not go any farther back in frame then 6 inches from where you hardnose the bumper. Must be able to see through the hole.  
**Rear Bumpers-** Must be a factory bumper that can be bolted on, chained on, or use #9 wire.
10. **Frames - NO** welding on frame. **NO** stuffing of the frame. You may **ONLY** weld 1 chain per side from cradle to frame. Will be scoped if need be.
11. **Doors** - Doors must be secured by the following: 2 chains per seam, 2- #9 wire per seam, or 2- plates (3 inches X 4 inches X  $\frac{1}{4}$  thick per seam). **You may only choose one of those, not all 3.** Plus, you may have a 2x2 strap on top of the door. **The driver door may be welded solid for the driver's safety.** No door skins. Chains may not be any longer than 36 inches. The minimum chain link is  $\frac{1}{4}$  inch. **Nothing May Be Welded to the Frame.**
12. **Safety** - A 4 point cage (seat, dash, and door bars) is **MANDATORY.** 3 inch minimum to 6 inch max size is allowed. Door bars can be only 6 inches past the rear seat bar. Side bars 60 inches max and **no** more than 6 inches from rear seat bar and must be vertical and not inside of doors. Halo bar is allowed. It can only be attached to the seat bar by welding or bolting. You may bolt to the roof of the car- 2 bolts max 7/16. **You may have 4 down legs vertical to body NO bigger than 2x6 material.**
13. **Hood** - Hood may be secured in 4 spots. You can use 4 rods, or angles, or #9 wire. **You may only choose one of those, not all 3. Only two rods can go through the frame in the core support.** The rods can be no larger than  $\frac{3}{4}$  inch and no longer than 4" above the hood. **NO** welding of any kind. Only 3 nuts per rod allowed. Plate size of rod can be no larger than 6x6 material. Angle size- 4x2 and no bigger than  $\frac{1}{4}$  inch with 2- 7/16 bolts max to hold the angle together. **MANDATORY:** A piece of rebar or a piece of 2 inch x  $\frac{1}{4}$  inch flat stock OR a  $\frac{3}{8}$  chain to run from the roof to the cowl in the windshield area for driver's safety.

14. **Trunk** - Trunk may be secured in 4 spots. You can use 4 rods, or angles, or #9 wire. **You may only choose one of those, not all 3.** The rods can be no larger than 3/4 inch and no longer than 4" above the trunk lid. Threaded rod in the trunk may be secured to the frame by bolting or welding. Threaded rod must be completely vertical. ONLY 2 threaded rods can come in contact with the frame for the trunk, the other two sheet metal to sheet metal. Only 3 nuts per rod allowed. Plate size can be no larger than 6x6 inches. Mandatory: 12 x 12 inch inspection hole on floor or trunk lid. Angle size- 4x2 and no bigger than 1/4 inch with 2- 7/16 bolts max to hold the angle together. 50% of the trunk lid can be 90'd. **NO** dishing. You are allowed to run a rear window bar (2x2 square tube with 2 mounting plates by 5x5 inches, mounted to the roof and the trunk, either bolt on or weld on. DO NOT mount the halo bar.
15. **Body Mounts** - DO NOT touch body mounts.
16. **Tires** - Any ply tire allowed. Forklift, skidsteer, tractor tires are allowed. Weld in centers are allowed. Rims must be factory, automotive NOT homemade. No beadlock. No bead protectors. Remove all wheel weights before inspection. Valve Stem protectors are allowed.
17. **Suspensions** - Must be OEM spindles, tie rods, upper and lower A-arm, ball joints, and steering box. **NO** tie rod protectors allowed. You may install an aftermarket steering column and steering wheel. You may run a spring spacer or strut clamp, but they may not reinforce the strut in any way. This may only be used to gain ride height.
18. **Body** - Rear 1/4 panels must be left in the factory position. **NO** body creasing. You can have 3- 3/8 bolts per wheel well with standard washers.
19. **Transmissions** - Trans Coolers are allowed.
20. **Motor** - Motor mounts must remain stock. You may run headers with NO header protectors. NO carbureted conversions. You can run an aftermarket shifter and gas/brake combo must be bolted to the sheet metal ONLY, and can not be attached to the frame or crossmember. No full plate washers underneath.
21. **FIX IT PLATES - NO FRESH CARS PLATED.** If the frame is bent (has to be bent) not just a stress bend. You are allowed 1 3x4 inch by 1/4 inch plate. You will be allowed 4 plates, 1 per corner of frame. DOES NOT MEAN TWO ON THE SAME SIDE OF FRAME. Once your 3x4 plate is gone, it's gone. **DO NOT PUSH THIS RULE.** If the plate is too big or you put too many on, you will cut plates off till it's right. If the frame is bent in more than one spot, pick the worst bend and leave the other. **DO NOT PUSH THIS RULE.** If you have any questions, call beforehand, DON'T just assume. **BEND MUST STILL BE VISIBLE AFTER PLATE IS APPLIED.**

## **PREPARATIONS OF MINI VAN CLASS**

1. ALL VEHICLES BESIDES **NO** wedged or sedagon cars allowed. .
2. Front wheel drive ONLY
3. **Radiator** - Only OEM or factory aluminum racing radiators allowed. Radiators must be in stock location and may be held in with max 4- 1/2 inch threaded rods. Rods can only connect with 2 inch by 1/8 inch straps on top and bottom of the radiator. No welding of the straps. **NO** radiator barrels or protectors allowed. Simple expanded metal is allowed only by the size of the hole of the radiator bolted in with 6- 3/8 bolts. Creative guards are allowed as long as they are in thickness and size of regulations and bolted in with 6- 3/8 bolts. It can only be 2 inches wider than the hole in front of the radiator or air condenser unit.
4. **Rear End** - You may have 2- 3/8 chain to hold the rear end down and hold springs in.
5. **Battery** - Two automotive batteries may be used and it must be located in the passenger compartment: securely mounted, and covered with rubber floor mats.

6. **Gas Tank** - Gas tanks are limited to a capacity of 10 gallons. Gas tank must be securely fastened in the middle of the back compartment of the vehicle. **NO** stock auto or plastic gas tanks are allowed. The fuel cell protector can not exceed 24" wide and may not tie into rear frame humps, drive train, frame, or body mount bolt plates. No larger than 3x3 material. Fuel lines must run through the dash of the vehicle with a protective coating NOT through the windshield area.
7. **Electric Fuel Pumps** - are allowed and must have an on/off switch on the LEFT side of the steering wheel and marked on/off. Electric fuel pumps must be mounted by the gas tank in the rear seat area. Gas tanks must be mounted in the center of the rear seat area.
8. **Frames** - **NO** welding on frame. **NO** stuffing of the frame. You may **ONLY** weld 1 chain per side from cradle to frame. Will be scoped if need be.
9. **Tires** - Any ply tire allowed. Forklift, skidsteer, tractor tires are allowed. Weld in centers are allowed. Rims must be factory, automotive NOT homemade. No beadlock. No bead protectors. Remove all wheel weights before inspection. Valve Stem protectors are allowed.
10. **Doors** - Doors must be secured by the following: 2 chains per seam, 2- #9 wire per seam, or 2- plates (3 inches X 4 inches X 1/4 thick per seam). **You may only choose one of those, not all 3.** Plus, you may have a 2x2 strap on top of the door. **The driver door may be welded solid for the driver's safety.** No door skins. Chains may not be any longer than 36 inches. The minimum chain link is 1/4 inch. **Nothing May Be Welded to the Frame.**
11. **Bumpers** - **NO Chrysler Pointy or Replicas.** Any other automotive bumper allowed may be stuffed and seamed welded. Or you may run up to 3x6 tube or pipe for a bumper. (Tube can't be any wider than the tire's). **STRAIGHT CONTOUR ONLY** (3/8 max thickness must be hollow). Bumpers may be hardnose. Cut flush with core support mount. Also, you may weld a 4x4 by 1/4 inch plate from the bumper to the side of the frame (Front Only). This is to help hold the bumper on, not to strengthen anything- 1/2 inch pass around the frame or shock. If your van comes with shocks, you may weld them. Shock or square tube can not go any farther back in frame then 6 inches from where you hardnose the bumper. Must be able to see through the hole.  
**Rear Bumpers-** Must be a factory bumper that can be bolted on, chained on, or use #9 wire.
12. **Hatch** - You may remove OR use 2 chains per seam (vertical), or 2- #9 wire, or 2- plates (3 inches x 4 inches x 1/4 thick per seam). **You may only choose one of those, not all 3.**
13. **Safety** - A 4 point cage (seat, dash, and door bars) is **MANDATORY.** 3 inch minimum to 6 inch max size is allowed. Door bars can be only 6 inches past the rear seat bar. Side bars 60 inches max and **no** more than 6 inches from rear seat bar and must be vertical and not inside of doors. Halo bar is allowed. It can only be attached to the seat bar by welding or bolting. You may bolt to the roof of the car- 2 bolts max 7/16. **You may have 4 down legs vertical to body NO bigger than 2x6 material.**
14. **Hood** - Hood may be secured in 4 spots. You can use 4 rods, or angles, or #9 wire. **You may only choose one of those, not all 3. Only two rods can go through the frame in the core support.** The rods can be no larger than 3/4 inch and no longer than 4" above the hood. **NO** welding of any kind. Only 3 nuts per rod allowed. Plate size of rod can be no larger than 6x6 material. Angle size- 4x2 and no bigger than 1/4 inch with 2- 7/16 bolts max to hold the angle together. **MANDATORY:** A piece of rebar or a piece of 2 inch x 1/4 inch flat stock OR a 3/8 chain to run from the roof to the cowl in the windshield area for driver's safety.  
NO rear window bars.
15. **Body Mounts** - DO NOT touch body mounts.
16. **Suspensions** - Must be OEM spindles, tie rods, upper and lower A-arm, ball joints, and steering box. **NO** tie rod protectors allowed. You may install an aftermarket steering column and steering wheel. You may run a spring spacer or strut clamp, but they may not reinforce the strut in any way. This may only be used to gain ride height.

17. **Body** - Rear ¼ panels must be left in the factory position. **NO** body creasing. You can have 3- ⅜ bolts per wheel well with standard washers.
18. **Transmissions** - Trans Coolers are allowed.
19. **Motor** - Motor mounts must remain stock. You may run headers with NO header protectors. NO carbureted conversions. You can run an aftermarket shifter and gas/brake combo must be bolted to the sheet metal ONLY, and can not be attached to the frame or crossmember. No full plate washers underneath.
20. **FIX IT PLATES - NO FRESH VANS PLATED**. If the frame is bent (has to be bent) not just a stress bend. You are allowed 1 3x4 inch by ¼ inch plate. You will be allowed 4 plates, 1 per corner of frame. DOES NOT MEAN TWO ON THE SAME SIDE OF FRAME. Once your 3x4 plate is gone, it's gone. **DO NOT PUSH THIS RULE**. If the plate is too big or you put too many on, you will cut plates off till it's right. If the frame is bent in more than one spot, pick the worst bend and leave the other. **DO NOT PUSH THIS RULE**. If you have any questions, call beforehand, DON'T just assume. **BEND MUST STILL BE VISIBLE AFTER PLATE IS APPLIED.**

### **KIDDIE POWER WHEELS**

- Age limit 4 - 10 years old
- Parents must be present with their child in the pit area
- One battery only. This can be upgraded to lawn mower / ATV size. Can be relocated but must be safely covered.
- No open leg vehicles unless pre-approved doors are added (4 wheelers, lawn mowers, etc.)
- Bike helmet or full helmet is required.

### **INSPECTION OF VEHICLES**

1. All vehicles will be inspected upon entering the grounds and may be subject to inspection at any time without notice.

**Inspections will start at NOON**

**Inspections will end at 5:00 p.m. SHARP**

**All vehicles must be registered by 4:15 p.m. SHARP**

**The driver's meeting will be held at 6:00 p.m.**

**The demo show will start at 7:00 p.m.**

**NO LATE ENTRIES WILL BE ALLOWED**

2. All vehicles will go to the inspection area.
3. Upon entering the grounds, all vehicles must open their hoods. All back seats must be removed, top to bottom. **NO WET PAINT!** The vehicle needs to be ready to run.
4. **ONLY THE DRIVER CAN BE IN THE INSPECTION AREA**
5. Vehicles which do not meet the rules, will have until the close of registration to correct the problem to receive their stick. Max 2 times through inspection.
6. Any driver with a complaint about another vehicle must summon an official and then accompany the official to the vehicle in question. If the complaint is justified, the driver must either correct it or be expelled. Expulsion will be at the official's discretion.
7. After the feature event, the vehicles finishing 1st, 2nd, and 3rd will be re-inspected to ensure compliance with all rules. Violations will result in the disqualifications and forfeiture of prizes. If a vehicle is disqualified, the lower placing vehicles will move up in the standings and become subject to the same re-inspection rules.
8. **If you are found to be over built for these rules, you will be given 2 options:  
A- CUT OR REMOVE ILLEGAL PARTS    B- LOAD ON TRAILER AND GO HOME  
Either way you will NOT RECEIVE A REFUND**

THERE WILL BE NO HEATS: **FEATURE ONLY**

**RUNNING ORDER - POWER WHEELS - MINI VANS - 4 & 6 CYLINDER CARS - TRUCKS - FULL SIZE CARS**

- **TRUCKS 1/2 & 3/4 :** 1st \$2000 2nd \$1000 3rd \$500
- **4 & 6 CYLINDER CARS:** 1st \$1500 2nd \$1000 3rd \$500
- **MINI VANS:** 1st \$1500 2nd \$1000 3rd \$500
- **FULL SIZE CARS:** 1st \$2400 +CAR 2nd \$1800 3rd \$1200

\*more spots may be added

- Most Aggressive Driver- \$250 with trophy
- Traveled the farthest- entry fee returned

**Pit Passes**- \$25 per person

\*\*\*PRE ENTRY FEE REQUIRED WITH FORM BY JUNE 1ST\*\*\*

- \$100 for Full Size
- \$60 for other classes

No show, no refund.

Not allowed to sell your spot.

**\*\*REMINDER: IF YOU DO NOT HAVE A PIT PASS\*\***

**\*\*YOU ARE NOT ALLOWED IN THE PIT AREA\*\***

**\*\*ANY QUESTIONS\*\***

**CALL Leo 608-547-1926 or Kathy 608-547-2868**

***OLD SCHOOL DEMO DERBY PROMOTIONS***

**\*\*LAST BUT NOT LEAST \*\* FOLLOW THE RULES\*\***

**AND**

**\*\*IF IT DOES NOT SAY YOU CAN \*\*THEN CHANCES ARE YOU CAN'T!!!\*\***

PRE ENTRY FOR DEMO DERBY by June 1st

- \$100 for Full Size
- \$60 for other classes

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

Circle One: Full-Size      4/6      Truck      Van

Make checks payable to: Lodi Agricultural Fair

Mail to: Kathy Schultz  
304 Grant Street  
Mauston WI 53948

Please note: 25 max in all classes except 20 in Trucks and ONLY I will know who is signed up and it won't be shared.