

2017 Houston County Fair Derby Rules

Friday August 18th, 7pm

All cars must be inspected one hour prior to start

For Questions Contact Chris Deflorian 507-450-2830

Full Size Modified	Full Size Stock	Trucks	Midsize Cars
\$2500	\$1200	\$1000	\$500
\$1200	\$700	\$400	\$300
\$600	\$500	\$200	\$200
\$300	\$250	\$100	\$100

Full Size Modified:

1. Any American made hardtop, 2 or 4 door automobile or station wagon permitted. No trucks, jeeps, hearses, ambulances.
2. Preparations: All glass, head and tail lights, marker lights must be removed. All exterior chrome molding, rear seat, emblems, plastic, fiberglass, carpet, headliner and all windows must be removed. Driver door and passenger door must have you number on it. Roof signs are required. All vehicles must have brakes before start of event. Gas tanks and batteries must be moved from original spot and put inside car. Plastic fuel tanks will not be allowed, factory gas tanks will not be allowed. Battery and fuel tank must be very securely mounted and covered. Two batteries max. Any leaky fuel tank before or during event will result in disqualification.
3. Frames: You may weld frame seam firewall forward with single "standard 1/2" bead. You may cold bend or tilt 80's or newer ford products with no added metal. You may re-stub a frame or frame horn. No added metal, plates or patches can be used. Must remove trailer hitches and braces. NO undercoating or painting on frame. Frames may be drilled or scoped. Pre-ran cars can have 4- 4"x4"x1/4" prepared plates per frame rail. No filling of frame in any way.
4. Body bolts: May be changed to 1" or smaller with a 4" by 4" plate. 2 extra body mounts allowed. You may weld a standard store bought washer in all top body mount holes; no homemade washers or plates will be allowed. Body bolts may not be welded to the frame.
5. Bumpers are interchangeable. Any automotive bumper and bumper brackets may be used on any car, but no more than one set of bumper brackets may be used. You can weld bumper brackets or towers to the frame. You can weld bumper brackets and shocks to the bumper. You can weld shocks to shock towers. You can collapse shocks, and you can bolt the shocks to the towers with 1/2" bolt or less, and it must be done vertically. No brackets are allowed to extend any further back than the very front most part of your original factor top front a arm bracket factory weld.

Instead of using bumper brackets you are allowed to use 4" wide x 3/8" thick strap extending from your bumper down one side of the frame and cannot extend any further back than the very front most part of your original factory top front arm bracket factory weld. You are also allowed to wrap this strap around the front of the frame 4" to create an "L" shape this is to give you enough material to weld your bumper to the strap. Plate may be formed but it cannot double at any point. Do not abuse this rule you will cut it.

You may reinforce bumpers on the inside of the bumper. The bumper chrome must remain the stock shape but you may have metal put inside for reinforcement. You may trim bumper ends or fold them around. Welding the bumper skins (chrome to inner liner) is allowed. Weld them solid we do not want them coming off. No welding bumper to the body in any fashion, except on a 71-76 GM Wagon Rear bumper it may be welded to the body if still in factory location. Bumper height not to exceed 22" to the bottom of the bumper to the ground and must be a minimum of 14" from the ground to the bottom of the bumper or the frame whichever is lower. Bumpers must be in stock location.

Front and rear bumpers may have 4 loops of wire from radiator support/trunk lid or deck (to sheet metal only do not go around core support bolts) to bumper (not frame). These cannot be placed in front of the radiator.

If you choose to manufacture a homemade bumper it must conform to the following size limits. It can be no larger than 8"x8". The point must taper over an area of at least 32" Overall the bumper cannot exceed 12" wide at the tip of the point. The point may only extend out 4" from the flat part of the bumper.

The bumper must be completely in front of the frame rails. No part of the bumper may extend back past the front most part of the frame rails.

6. Safety Cage: A 4-point cage is highly recommended (dash bar, seat bar and connecting door bars). All bars must be securely welded. Seat bar must be no more than 6" from back of seat max. 12" by 12" plates may be used to mount seat bar on the post. You may run a rollover-bar, but must be attached to seat bar. Gas tank protector allowed but can be no wider than 30". Cage may not connect to body mounts. You may have 4 down bars to sheet metal or top side of the frame. Bars can be no bigger than 4" outside diameter.

7. Motor and Transmission: Any automotive engine and tranny combo can be used. Distributor protectors are allowed. Only factory or alum. Radiators can be used, must be in stock location. NO radibarrels. Tranny coolers allowed as long as they are safe. You may use a floor shifter.

8. Doors: Drivers door can be welded solid. All door seams can be welded solid with a 3" wide flat steel plate per vertical seam per horizontal seam per door. Any door that comes open will result in disqualification. Chain and plates may not connect to frame.

9. Trunks: Can be secured in 6 places, 4"x4" plates, max. 2 body bolts may go through the trunk lid, this will count as 2 of you 6 places. Trunks may also be bolted or chained. You can weld trunk seams with 3" wide flat steel. You can weld the trunk lid to the bumper. IF YOU HAVE A WEDGED CAR or sedan you must have a 10" by 10" inspection hole.

10. Tailgates: Can be secured in 2 places, chained in 2 places or have 2-6" by 3" plates. No all thread in rear of wagons. 9 wire is allowed.

11. Tires: Any ply tires, tubes and valve stem protectors ok. 30" max height limit. Doubled tires ok or foam filled. We do not want flats. Full center rims, stem protectors and bead protectors are allowed.

12. Hoods: Must have a 12" hole cut if not using headers through hood, hood will be open for inspection. Hoods can be fastened by 8 chains or 8 pieces of 1" max all thread. Only 2 pieces can go through frame (core support) 6" by 6" plate for hood washers max size. Angle iron hold downs may be no longer than 6" with one bolt per hold down. May bolt hood cut out with 10 bolts max.

13. Suspension: Watts link conversions are ok on 98' or newer ford products. Must not strengthen frame in any way. Leafs must be stock from factory and in stock location. You may use 4 leaf spring clamps per side on factory leaf spring cars. You may also chain frame humps to axle. 1 wrap only. Tie rods and trailing arms may be reinforced. You can weld top A-arms to the frame with two-2" by 4" straps of metal or you can chain them.

14. Driver and pit crew: Driver must be at least 16 years old. Drivers 16 and 17 must provide notarized permission slip from parent or legal guardian to participate. Do not think you will sign up the day of unless you have a notarized form. No children under 12 years in pits. Children 13-16 must be accompanied with an adult at all times. Everyone requesting a pit pass must sign a release waiver. Entry fee and pit passes are non-refundable. Any driver believed to be under the influence will immediately be disqualified. Not switching drivers allowed. Any misconduct or breaking rules or fighting will result in disqualification also. Not responsible for injury, accidents or stolen property.

15. Safety and running: Each car/driver only allowed 1 re-inspection to fix the problem according to rules. Only driver and 1 pit person allowed at pit inspection. D.O.T. approved helmet required. Safety belts must be worn in competition area. Eye protection must be worn. All drivers attend drivers meeting. Long sleeve shirts and long pants, and shoes are required to participate. No deliberate driver door hits, do not get out of car unless directed by official. You have 20 seconds to make an aggressive hit. Sandbagging will not be tolerated. NO team driving or holding allowed. All feature cars may be subject to post inspections.

16. If you're not running engine DP, you may have two kickers from cage to back of a arms. However, if you have kickers, no DP. You may not have both. Kicker can only be made out of 2"x2" Square tube.

17. Bolting of fenders is allowed.

18. Rear end: Any 8 lug rear end can be used. Rear end housing may be braced. Brace may not connect to or strengthen the frame in any way. Rear end gears may be welded posi.

19. Hump plates allowed- must be 24" long from end to end, must contour the frame.

20. Rules will be enforced. If you have any questions, call first! Chris Deflorian 507-450-2830 or Jeromy Johnson 608-397-5995.

Full Size Stock:

No Imperials, hearses, or ambulances in this class. No engine cradles or DPs allowed.

1. Body and Mounts: rear quarters may be dished in 6 inches, no bodylines

2. Body mount can be changed with 1/2" bolts with 3"x 3"x 1/4" washers. Must be free floating and must have rubber body washer in place. No extra added body mounts

3. Floor pans- if rusted out can replace or cover over with same thickness sheet metal bolted in only.

4. Your front two radiator bolts can be changed and can run ready rod threw radiator support for your hood pins 3/4" all thread. You may sleeve this but may not be any bigger than 1" outside diameter.

5. Transmission coolers are allowed.
6. Factory gas tank must be removed and put inside and fastened securely with mat covering the tank.
7. Batteries must be moved from stock location and put inside and fastened with a mat covering it.
8. Drivers door can be welded solid outside only.
9. You may run a 4-point cage no more than 6" wide door bars- door bars can only be 60".
10. You may run two kickers along driver's door from your door bar down to sheet metal only. No more than 6" wide.
11. Roll over bars are allowed no wider than 6" welded to sheet metal only.
12. You may strap your dash pipe with 2"x ¼" metal from dash bar to dash metal in four places.
13. You can have a window net but cannot be past driver's door.
14. You may run a gas tank protector in the center of your car- cannot be more than 24" wide and must be at least 1" of the sheet metal. Must be 6" off the floor.
15. Trunk may be tucked no more than 50% and may be dished a max of 4" from factory location.
16. You can have 6- ½" bolts with a max of ½" washer chains or wires to hold trunk lid down.
17. Any factory made automotive bumper can be used.
18. Bumper shocks may be pug welded in. Can hardnose bumper to frame- no added steel.
19. Bumper height cannot be more than 28" to top of bumper front or back.
20. Factory bumper shocks and brackets must be to the cars origin
21. NO Welding on frames unless specified in rules. No filling frames in any way.
22. Must be factory cross member and factory transmission mount. You can modify without strengthening to allow for different transmissions.
23. You may weld a 5" piece of 2"x2" angle iron on side of frame to mount your cross member to.
24. ANY factory five lug rear end- No axle savers - CANNOT structurally help the car or you will be disqualified.
25. You may run double coil springs in rear of car (can be chained or wired in- if chained it cannot be more than 3/8" chain)
26. Control arms for rear end may be extended or shortened but may not be reinforced.
27. Front suspension – you may run spring spacers or you may use one ½" bolt to pin your A-Arms each side- No ball joint protectors.
28. Leaf Spring Cars- NO added leafs. Car MUST have factory suspension.
29. You may put any motor in any car.
30. You may run drive shaft of your choice- slider or conventional.
31. You may run shifter of your choice.

32. You may chain or wire your motor in two spots.
33. You can have 1 wire per door opening from roof to frame with 3 loops max. (Can go around frame). Has to be from roof to frame in door opening.
34. You can have two wires from bumper to core support. You may have two wires on your rear bumper.
35. You may have on doors-three 3/8" chains or wires per seam- max of 3 wire max loops. (There's four seams on a door- top side, side, and bottom- you may only have three wires per seam). Not allowed to fasten to frame in any way.
36. You may run 3/8" chain or wire behind rear hump to hold frame rails from going into your tire.
37. No more than 3 spots of wires per seam.
38. 6 Hood pins total with 3" pieces of 3"x3" angle iron with 3/4" all thread.
39. After market steering columns allowed.
40. Steering Linkage must remain stock.
41. Tie rods may be reinforced.
42. Ball joints may be reinforced and have to be stock to the car. No ball joint protectors
43. Any Factory rims and may have weld in center.
44. No pounding of the frame- other than the humps 11" from center each way- will be allowed. Absolutely NO pinning

Truck Class:

1. 1/2 - 3/4 ton American made pickup, ext, crew cabs, suburbans are allowed, NO 1 tons or frame swaps. Frames must remain stock and not shortened or altered in any way. No welding other than specified!!!! NO adding extra braces in frame or engine cradles. If officials suspect a 1 ton frame it will be driver's responsibility to have written proof by frame code, vin number it is 3/4 or less or will not run.
2. Hood may be chained 3/8 chain, wired, or bolted in 6 separate locations, two chains or wires may go from core support to bumper, you will be allowed two 3/4 rods welded to frame on the backside of core support used for hood pin, you will be allowed a 5x5 inch washer welded to top of core support for hood pins to go through, other 4 locations 3/4 hood pins, wires, or chain must go from sheet metal to sheet metal only, - hood washers no larger than 5x5 inches 1/4 thick, hood pins must be straight up and down 1 ft. max length. You may use 4 3/8 bolts each hole to bolt hood skin together hood openings around stacks. MUST have two window bars no larger than 3 in diameter or 2 #9 wires in windshield opening to prevent hood from entering drivers compartment for driver's safety.
3. Doors may be chained two locations per seam, or welded 24 inches of total weld outside only (1/4 In. strap no wider than 2 inches) driver's door may be welded solid and reinforced for safety (highly recommended) and can have a driver's window net.
Tail-gate may be either chained in two locations per side OR welded 24 inches total AND allowed two locations on bottom of tail-gate to box. Tail-gate may be lowered and welded to end of frame rails to use as a bumper as long as no other form of bumper is not used. If bumper is used may lower tailgate and weld to top of frame

only (not bumper) or chained in two lower locations, Plus the 2 chains per side OR welded with 24 inches of weld to box sides.

4. Front and rear bumpers may be changed to a seam welded, loaded car bumper, NO POINTIES!!! -BUMPERS MUST REMAIN FLAT or slight point of no more than 3 inches from flat, no adding bumper brackets to frame. If you choose not to install a factory car bumper u can use a (FLAT only) 5 ft. long max, 4-inch diameter or less, 3/8 thick square or round tube behind factory truck bumper welded to frame, no sharp edges, (must be covered by a skin on front side). Bumpers may be welded to frame plus added 2x2 inch wide ¼ thick angle iron also to help secure to frame on all sides. Bumper height max 30 inch to top, min. 24 inches to bottom of frame. No open frame rails.

5. Any ply tire allowed, stuffed, skid, ag ok, split rims allowed but ring must be fully welded. Rims must remain stock no rim centers.

6. Front axle non-leaf-spring trucks may install 3/4 bolt in center of a-arm welded to spring pocket to gain height. Stock leaf packs, no adding leafs, you may have 6 leaf clamps per leaf pack total, no leaf conversions. Factory leaf spring perches may be welded to frame to help from tearing off. May chain rear humps with one 3/8 chain per side from frame to axle tube on rear. 1/2 ton may swap to 3/4 ton rear ends, may be welded posi-traction, no bracing on rear ends.

7. May crossbreed engines and transmissions, No adding engine cradles or extra braces in frames. Do not use firewall as a brace. May have 2 chains or wires to frame to hold motor in place, may weld motor mounts in size of factory mount.

Trans may be chained or wired to cross-member. Block saver lower engine cradles allowed with pulley protector. Dist. protectors, or trans. protectors will be allowed, frame must remain stock other than specified. Any driveshaft may be used, sliders ok. No radi-barrels must use a radiator, or loop hoses.

8. Box may have 8 total locations of chains, bolts or u-bolts max. to secure box to frame, cab 6, and core support 2, (3/4 max size bolts with plate size no larger than ¼ inch thick x 8 inches square) bolts may be bolted through top of frame like factory or may weld to outside of frame, do not pin frame, may remove original body mounts. Roll over bar (strongly recommended) mounted in front of box as close as possible to cab, can bolt or weld to box floor or to box washer plates (not frame), no wider than frame on uprights, no wider than cab on top, may have kickers two feet back from uprights to support, and one crossbar across bottom of kickers to protect gas tank, roll over bar cannot attach to interior cage components. Box may be bolted to cab in 4 locations AND may weld 12 inches of strap per side (24 total) to weld cab and box together.

9. MANDATORY= Must run a bar behind seat (no further back than 10 inches behind seat) and across dash may use 6x6 plates on ends, may connect dash-bar to seat bar with four down bars to floor on driver's door for protection, these bars may kick back inward and attach to side of frame after going through the floor. You may also add four down bar on pass door to floor to protect battery. May also attach a rollover bar from seat bar up to or over roof and down to dash bar but these bars cannot connect or come in contact with rollover bar in box to stop truck from bellying - 5-inch diameter max. on cage material, only attached to cab, floor, or body mount plate not directly to frame.

10. 2 batteries max. allowed on passenger floor, properly mounted and covered, NO BUNGE STRAPS!! Trans

coolers allowed if deemed safe, do not use rubber unbraided trans lines. Gas tank must be removed and one relocated in front of box, 8 gal. max.

11. No folding box-sides over, may bolt fenders with 6 -3/8 bolts to bolt fenders together 2 inch washers max. threads must point inward. Outside fender creasing is allowed.

12. If frame bent, may plate 1 inch past bend both directions 1/4 in thick one side of frame only. No boxing of frames.

13. Stock steering components, may alter steering shaft from box to steering wheel, tie rods may be reinforced in center. Shifter may be altered, ign. and starter wires may be altered. May use electric fuel pumps if well labeled (FUEL SHUT OFF).

14. This is a low build class, if rules don't say u can't do it don't assume u can!!! MUST REMAIN STOCK OTHER THAN STATED IN RULES

Midsize Cars:

1. Frames: no welding on frames.

2. Engines: must be 4 or 6 cylinders only.

3. You can use a bumper from any car. Can put full size bumpers on a compact car. Bumper may be welded in place. No added material.

4. 4 point cage may be used: seat bar, dash bar and door bars not to extend 12" past driver's seat.

5. Doors: Drivers door may be welded solid. All other doors can have 2 chain or 2-6" by 6" steel plates per vertical seem. You may also have 1 chain or plate per horizontal seem also.

6. Hoods: Must have 12" hole cut in them. You may use 4 chains or 4 - 1" all thread to secure hood. Only 2 pieces can be bolted or welded to frame. 6" x 6" plates max for hood plates.

7. Trunks: Trunks can be secured in 4 spots. 4 chains or 4 - 3/4" inch all thread through trunk lid to frame, can be bolted through frame rail. 6" by 6" plate max for trunk lid plates or you may be 4-6" by 3" plates welded from trunk lid to 1/4 panel.

8. Suspension: Must be stock

9. Any tires are allowed.

10. Fuel tank and battery must be mounted inside the car. It is required to have a steel frame be mounted securely to the floor and the tank then mounted to that. No plastic tanks will be allowed unless it is in a metal box. No factory tanks will be allowed. Battery and fuel tank must be covered. **Electric fuel pumps must have a separate on/off switch**, clearly mounted on dash in front of the steering wheel. You will not run without it. Fuel tank must be located in center of rear seat area. If the battery and fuel tank do not appear safe you will not run. Gas protector is a MUST. Can be no wider than 30 inches.

Entry Form 2017
Houston County Fair Derby
Friday, August 18, 2017

Drivers Name: _____

Address: _____

City/State _____ Phone _____

Check One: Full Size Modified _____ Full Size Stock _____

 Truck _____ Midsize Cars _____

Year, Make and Model of Car _____

Car Number _____

*Each registered car comes with driver and one pit pass. Additional passes are \$25

Signature _____

Print Name _____

Notary _____

County _____

Date _____

Expiration Date _____

*Parents Signature and Notary are required if under 18 years of age. Registration is \$50. Make checks payable to Houston County Fair. Questions Call: Chris Deflorian 507-450-2830 or Jeromy Johnson 608-397-5995

Power Wheels Derby



This is a free event for kids, limited to the first 20.
Everyone will receive a trophy.
This will be held at 7:00 in the grand stand

Please keep in mind:

- *Helmets must be worn
- *No passengers.
- *Up to a 12 volt battery
- *Everyone must pay at the front entrance to get into the grand stand area.
- *Please drop off car ahead of time in the pit area. We will instruct you on where to put your car. You can then go to the grand stands and before the show we will call all kids down to derby.