

2018 El Paso County Fair Demolition Derby July 21st at 6:00 pm General Rules

4/25/18

Limited Weld, Compacts and Small Trucks that have run in previous Demolition Derbies will be allowed to run as long as they meet El Paso County Demolition Derby Rules.

2018 Derby Classes:

- Limited Weld
- Small Truck
- **Small Truck - V8** *(New for 2018)*
- Compact
- Chain / Wire
- **Power Wheels** *(New for 2018)*

1. Registration form and release must be completed with paid entry fee prior to car inspection. If a car fails inspection, corrections can be made any time before the driver's meeting; if you decline you will be disqualified with no refund. If driver is under the age of 18, parent must be present during registration, provide ID and sign waiver.

2. Video replays will not be allowed; all judges decisions are final.

3. Car numbers are on a first come basis, early registration is recommended. Cars must have legible numbers on both sides of car and on top or hood of car. This rule will be enforced.

4. Only one support vehicle allowed in pit with each registered car.

5. No alcohol allowed in the pits at anytime!

6. **No animals** are allowed in pit area or fairgrounds.

7. The driver's meeting is mandatory for drivers and crew.

8. Disqualification of car or driver for any reason will not receive a refund.

9. These rules supersede any and all rules previously posted. Rules are subject to change at any time, please review periodically for changes. Any changes will be posted immediately on the website.

The El Paso County Fair puts on the Demolition Derby for entertainment and is supposed to be fun. Please keep in mind that most the personnel working the

event are volunteers and do this because they enjoy it. If at any time you feel you have been mistreated or unfairly compensated, please contact:

- Dave Lemieux (719) 337-5171

Complaints need to be communicated in a professional manner.

DRIVER RULES

1. The drivers **MUST** wear a safety belt, safety helmet, long sleeve shirt and long pants. Fire suits, face shields and gloves are recommended.
2. Fire extinguisher is to be mounted in passenger compartment in driver's reach this is mandatory.
3. No passengers allowed during the race.
4. All drivers must remain in the vehicle with seat belt and helmet on while in the arena, unless escorted by a race official or being towed to the pits.
5. Speed limit in the pit area is 5 mph for all vehicles.
6. The Driver is responsible for the conduct of him/herself, their pit crew, spouse and their friends. Any display of violence, profanity or unsportsmanlike conduct towards other drivers, fans or officials will result in immediate disqualification and/or escorted removal from the fairgrounds.
7. The red driver's flag must be held so other drivers, judges on the ground and the announcer's booth can clearly see it. Waiting to put your red flag up does not advance your placement.
8. Only drivers and crew of the **car being inspected** should be in the inspection area at that time.

DRIVING RULES

1. Drivers must make a hit **every minute**, and the hit must be aggressive. Patty cake hits and sandbagging are grounds for disqualification. Drivers will only get one warning with a yellow flag before disqualification.

2. *You will be disqualified if:*

Driver will receive one warning with a yellow flag by the judge; a second time you will be disqualified.

- YOU DELIBERATELY HIT A DRIVER'S DOOR!
- SHOWING YOUR DRIVER'S DOOR OR USING THE DOOR AS SHIELD.
- **TEAM DRIVING, WHERE TWO OR MORE CARS RUN IN A PACK AND WORK ON THE REST OF THE**

FIELD BUT DO NOT HIT EACH OTHER. THIS IS NOT ALLOWED AND IS GROUNDS FOR IMMEDIATE DISQUALIFICATION!

- Three wheels out of bounds (on dirt berm), holding (parking your car in front of another car) and car fires.
3. If you become stalled you will have 2 minutes to get restarted and 1 minute to make a hit for a total of 3 minutes. If you do not do this your car will be clocked out and disqualified, put your **RED FLAG UP**. Waiting to put your red flag up does not advance your placement.
 4. If the **last** two cars in a heat become stuck together for a minute, as a result of a double hit, the cars will be pulled apart to continue racing to decide first place. If the last two cars become stuck together as a result of a single hit, the moving vehicle making the hit will be declared the winner.
 5. In the main event if car 2 & car 3 become stuck together and car 1 isn't stuck, car 1 has 30 seconds to make a hit on car 2 & car 3. If car 2 & car 3 are still stuck together after car 1 hits them then car 1 will be declared the winner. We will then pull apart car 2 & car 3 to compete for second and third place.

JUDGING RULES

Green flag signals go.
Red flag signals stop.
Yellow flag signals warning.
Black flag signals disqualification.

1. Cars will line up head to head, in the center of the arena, with the judges starting the race.
2. The cars will be inspected from the written rules published by the El Paso County Fair.
3. All Judges will receive a half hour lunch break at approximately 12:00 pm to 12:30 pm. No inspections will be done during this period of time.
4. Judges will give a first call and second call for line up. We will not wait this year for cars. If your car is not ready when heat is called you will be disqualified with no refund.
5. Only the driver can voice any concerns about the derby to the head race official. No pit crew, family, friend or fan will be acknowledged in case of a dispute. *Judges will not make or change their decisions from spectator's video. Videos will not be reviewed.*

Important Driver Information:

- Registration is \$50 for car and driver.
- Early registration before July 8th at 4:00 pm will receive one pit pass free (worth \$30) with completed entry form and \$50 registration fee.
- Pit gate will open on July 30th at 10:00 am.
- Car registration will end at 4:00 pm, south pit gate will close and move to the east pit gate.
- Car inspections will end at 4:30 pm.
- Mandatory Drivers Meeting will be at 5:00 pm under tent.
- **All winners are REQUIRED to fill out and sign a W-9 and present valid driver's license before receiving their purse check!**

All Race Officials' decisions are FINAL!

LIMITED WELD/COMPACT/SMALL TRUCK CLASS RULES

Compacts/small trucks will run as one class, separated by heats if needed.

CAR PREPARATION

1. All glass, taillights, headliners, chrome molding, and all plastic must be removed

DRIVETRAIN

1. Any engine and transmission may be used. Must be mounted securely. Firewall may be cut out to accommodate the engine within reason. All firewall cutouts must be covered that are larger than 8x8
2. Motor mounts may be welded. Modified mounts to use any engine in different make of car will be allowed but only to secure their positions not to reinforce the frame or body. Mounts can only attach to engine factory mounting holes on the side of the block.
3. Four (4) chains no larger than 3/8's, two per side, may also be used to secure the engine. Steel cable also allowed in place of chain. **NO WELDING CHAIN SOLID** What size cable?

4. Distributor protectors allowed but must be within means. Example, do not use a distributor plate the size of complete firewall. This will be deemed excessive and disqualify the build.
5. Dash bar must be 4 inches away from distributor protector
6. A chain may be used from dp to engine block instead of 2 rear motor chains, cannot have both. ??
7. Leaf conversions allowed but must be clean and not to reinforce frame rails very minimum

CRADLE/FULL CRADLE

A full cradle of 1/2 or less thickness metal can be used but must only attach in 4 locations to the frame. Transmission protector, steel bell housing, transmission tail shaft or any part of cradle may not be welded to cross bar (tranny cross member) in any manner. Full cradle may not attach to any part of vehicles cage, dash bar, down bars, firewall. No extra metal to be added in mounting cradle mounts within frame rails besides one piece of angle 1/4 thickness 1x1x4 in length per mount. If running a pulley protector, the factory stabilizing bar must be removed. Cannot run mid plate with a full cradle design.

Mid plates will be allowed. If running a full cradle, the mid plate is not allowed to be used along with the full cradle.

You can use up to 8 lug rear ends but no agricultural type allowed

No split wheels, any ply tire allowed

Valve stem protectors allowed

Wheel weights must be removed

No homemade wheels allowed

FRAME

1. You may weld frame from firewall forward. Weld must not be wider than 3/4 of an inch. Top and bottom allowed. 03 and newer excluded
2. No welding body to frame.

3. Frame patching is as follows: Cars allowed 48 inches of 1/4 plate. Patches allowed will be 2 per frame rail at 12 inches a patch the width of the frame rail. This is very generous, don't push it. FRESH CARS ALLOWED THIS RULE AS WELL AS PRE RAN.

ALL NON LEAFED CARS including 03 and newer, including old iron and new iron cars can use a 22' hump plate instead of the two 12" plates in the rear. CANNOT USE both size plates, one or the other. Plates must not be cut into strips or sections, must be solid one piece plates. You will also be allowed the two 12" plates on the front frame rails. ONLY PLATE ONE SIDE OF EACH FRAMERAIL

4. You may remove body mounts and replace bolts with no larger than 5/8 bolts. Washer size can be 1/8 thick and no larger than 4x4.

5. Body pucks may be removed

6. Gas tank protector allowed must be centered between frame rails and must be 4 inches off rear decking. Protector may be attached to halo

NO OTHER WELDING TO FRAME UNLESS NOTED.

BUMPERS

1. Factory bumpers and homemade bumpers allowed (see attached spec sheet for homemade)

Homemade bumpers must be to spec. no exceptions!

2. May interchange bumpers and brackets with any make of car except IMPERIALS

See imperial rules...

3. You may weld bumper to brackets. Brackets can be welded to frame. Inner and outer skin can be welded together.

4. Bumper shocks can be inside frame rail or welded to side of frame rail but may not add to shock tubes to extend.

5. Rear bumper may be welded to body if car came with single layer bumper> example 73 and older Chryslers and 72 and older general motors vehicles.

6. 2 bumper straps are allowed front and rear. Front straps may not be in front of radiator, must not protect radiator with straps. Straps must be no larger than 2" wide and 3/8 thick

SAFETY EQUIPMENT

1. Factory fuel tanks must be removed or entire bottom cut out. Maximum of a 6-gallon fuel tank can be used and must be placed inside the car. Can be secured by bolts, no plumber straps.
2. Electric fuel pumps are allowed. Must have cutoff switch near driver in case of fire.
3. Batteries will be relocated to front passenger floor board. They will be secured and covered.
4. Tranny coolers are allowed. If ice chest type is used, it must be covered.
5. A cross bar MUST be placed behind driver's seat from door to door.
6. Cage can be created as a 4-point construction. NO KICKERS
7. A dash bar can be used but must remain 4' away from dp, connecting bar from dash bar to bar behind driver can be used on passenger side. It may be fastened to and up against passenger side door.
8. ALL VEHICLES MUST HAVE HALO BAR
9. No part of the cage can be attached to the frame
10. Two vertical bars must be placed in front windshield area to protect driver. Two vertical bars allowed in rear window area but must not enforce frame and only secured to cab and first 6" of top trunk seem.

BODY

1. You may weld all inside trunk seams without creating a seam. Wagon trunks considered from back of rear doors to tailgate. Wagon storage lids can be welded but must have a 8x8 inspection hole.
2. You may weld the doors and trunks shut by either using 3/8 inch round bar or 2" flat strapx1/8
3. You may weld all under hood factory seams without the use of extra metal.

4. Outside fender wells can be cut for wheel clearance and may be welded or bolted without use of extra metal. Bolts 3/8 or smaller
5. You may run two 1" bolts/all-thread through the frame and up through trunk lid. It may go through existing body mount hole. If not, you will be required to remove two stock mounts in trunk unless car has unitized frame rails.
6. Sheetmetal patching allowed but must be same thickness as car
7. Drivers door must be reinforced by plate, upper and lower grader blade or upper and lower piping. Protect your feet as well as higher points, recommend plate on door

HOOD

1. Hood must have a cut out near carburetor to extinguish fire if needed. Hood cut out cannot be rolled forward more than 18 inches from front of hood. Cutouts can be re-welded or bolted without using extra metal
2. No sliding hood forward. Must be in stock location. Hood cannot be welded to bumper and must be removable.
3. 4 bolts or all-thread 1" or smaller allowed through frame and 2 allowed attached to sheet metal only. 4 bolts may be welded to frame or through frame. Do not weld washer to frames on bottom, must be free
4. You may run angle iron instead of bolts to secure hood. No larger than 8" long, 3x3 wide and 1/8 thick per attaching point. The bolts to connect angles not to exceed 5/8. 6 attaching points only.
5. Washer size 4x4 by 1/4 thick. Do not weld washers

SUSPENSION

1. You may run a coil to leaf conversion. 9 leafs max
2. No homemade leaf packs
3. Max of 4 leaf spring clamps per spring. Added metal to frame for leaf conversion cannot exceed 1/4 by 3x3 plates on each side of the frame. If square tubing is used it may be welded on one side of frame rail. Only one gusset to be used on this attaching point. 3x3 gusset
4. Humps may be chained.

GENERAL RULES

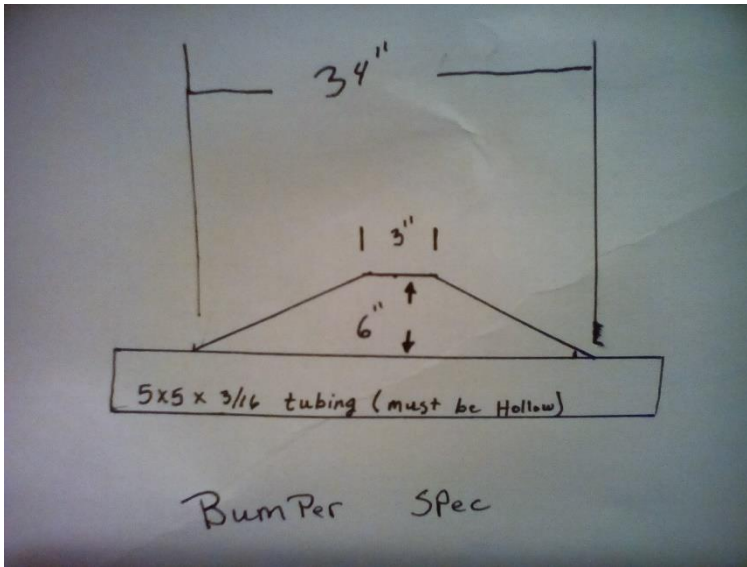
1. Tranny coolers allowed
2. Drivers door must be painted a contrasting color
3. Roof signs must be used but numbers only guaranteed with pre-entry. First come first serve
4. Alterations to steering columns allowed
5. Slider driveshaft's allowed
6. Radiators must be in stock location if used. Line loopers allowed. If radiator used it must be stock or aluminum style, no homemade radiators.

IMPERIAL RULES

The following rules pertain to any year imperial from 1973 and older.

1. A single layer bumper or bumper skin can be used. No five-mile type or bumper shock style allowed. You may use front and rear bracketry to design and secure. You may use only one bumper/bumper skin to create bumper, do not use front and rear bumper skins to create one.
2. Must be factory bumper brackets. No shock bumper brackets or shocks allowed. Original only
3. These brackets can be shortened and bent to ease the mounting of bumper. Max of 4 mounting points can be used.
4. Only one bumper skin can be used.
5. If brackets are not visible to inspect, an inspection hole must be cut.
6. Imperial bolt in sub frames may be interchanged with other mopars of similar body style and year.
7. Sub frames must be bolted into match factory holes and bolt sizes. You may not weld in. By doing this, it be classified as imperial and must follow imperial rules.
9. Battery boxes may not be used to secure sub frame and must not be attached to sub frame.
10. No kickers front or rear.
11. Hoods may not be bent down to protect the radiator in any way

12. Cradles allowed and mid plates allowed. Mid plates cannot hit firewall or cross bar. No mid plate allowed if using full cradle.



be added in doing this.

l be allowed. Maximum size
ded to core support and only

leafed car specs.

of stock location. Cradle may

attach this to frame.

6. Transmission protectors may only rest on a 5x5 area on the cross member and are not allowed to be welded to the frame, sheetmetal or cross member.

7. Distributor protectors are allowed but must be 4" from dash bar at any point. This may not contact the window bars at any time or vehicle will be disqualified

8. Allowed the homemade bumper rule but must be to specs outlined.

9. 2003 and newer ford, mercury, Lincoln cars may change front suspension but must bolt to frame. If it is felt that the suspension has been modified to strengthen the car beyond stock strength you may be asked to cut to suit judge's discretion. If you choose not to abide, vehicle subject to be deemed not runnable.

10. New iron cars only may attach cages to frame in 2 spots. Area per attachment may be no more than 2x2 per spot. This is for safety. If judges feel that this has been used to strengthen car one or both may be need to be removed before you are allowed to run.

11. Gas tank protectors allowed but must conform to same as old iron rules.

12. Plating rules same as old iron.

13. Full cradle allowed as in old iron rules

HOMEMADE BUMPER

Max 5x5 tubing

*max thickness 3/16

*Point must taper in from 34" wide to max 6" from front of tubing with a 3" blunt point

*Mounting of a 4 x 8 by 1/4 plate can be used to mount bumper, one per frame rail. Also can weld solid to frame horns

***IF THE BUMPER DOESNT FOLLOW THESE SPECS IT WILL NOT RUN!!!!!!**

COMPACT CARS/SMALL TRUCK

Compact Cars or Trucks may be American or Foreign.

Compacts cars / Small Trucks will race under limited weld rules with the following exceptions:

1. 4 or 6 cylinder engines.
2. Wheel base not to exceed **107"**.
3. Four-wheel drive vehicles must have one drive line disconnected.
4. Steel wheels only. Any other type of wheels will not be allowed.
5. Driver door may be reinforced as needed using the limited weld rules.
6. Floor shifters will be allowed.

SMALL TRUCK V8

Small Truck V8 will race under limited weld rules with the following exceptions:

1. Any gasoline V8 engine that is naturally aspirated.
2. Wheel base not to exceed 107".
3. Four-wheel drive vehicles must have one drive line disconnected.
4. Steel wheels only. Any other type of wheels will not be allowed.
5. Driver door may be reinforced as needed using the limited weld rules.
6. Floor shifters will be allowed.

CHAIN/WIRE FULL SIZE CAR CLASS RULES

No Weld Full Size Cars

1. Anything that can burn, such as headliner, carpet, dash, etc. must be removed. All trim, molding, pot metal, molding clips, and anything that is not a metal body panel or bumper must be removed from the outside of the car. We don't want stuff falling off in the arena!!! Broken glass must be vacuumed out!!!!
2. A minimum of one brace must be placed on the outside of the driver's door that will protrude no more than 3" from the side of the car and may not extend more than 10" in front of or behind the driver's door. You can do what you want to the driver's door. Fill with concrete, plate with iron, pad, etc. We want you safe! The driver's door must be painted a contrasting color from the rest of the car. You may also install a window net or chains or bars on the front driver's door only. Do not make full length on 2 door cars. If your driver's door bar comes off, or loose on one end at any point during the derby, you will be black flagged for that heat. Grader blade is not allowed!
3. A 4 point cage consisting of a single dash bar, a door post bar behind the seat, and a connecting bar on the inside of each front door. "X" bars are also ok, as long as they do not attach to the frame. Down bars will also be permitted, but must attach to the floor pan only, not to the frame and must be straight down or within the area of the 4 point cage. Maximum material to be used is 4" round or

square tube. All vehicles must have a roll bar or halo bar installed to protect the driver in the event of a rollover. You may use a gas tank protector to be made of pipe or tubing, attached only to your seat bar, to go around the gas tank, no farther from the tank than 4" on any side. It must only be a gas tank protector and not attached in other ways to sheet metal or frame or used for reinforcement. It must have at minimum 1" of clearance between the back bar and sheet metal (this still applies to pre-run cars). This will be at the official's discretion.

4. NO compressed fuels allowed. Gas or diesel only. The original gas tank must be removed. A store-bought fuel cell, boat tank, or homemade steel tank with a maximum capacity of 6 gallons must be securely bolted down on the driver's side floor board behind the driver's seat. If tank is plastic, it must be in a 1/8" steel box with lid. Five-gallon plastic fuel jugs cannot be used for a gas tank! No exceptions!

5. A minimum of one bar must be welded or bolted in the middle of the windshield opening to protect the driver. No more than 3 bars allowed.

6. A maximum of three batteries are permitted, and must be mounted on the passenger front floor board. It is highly recommended for your safety that it be in a minimum 1/8" steel box not to be used to strengthen the door. Plastic battery boxes are allowed, but you must have a dry cell battery that must be fastened to the floor with not less than two metal straps a minimum of 2 inches wide.

7. Any automotive rear-end may be used with a maximum of five lug wheels. NO SPLIT RIMS! Tires are unlimited with the exception of no studded tires and all wheel weights must be removed. Steel wheels only! NO Bracing.

8. The hood must have a 24" x 24" hole cut over the carburetor or must have two 10 inch holes near the carburetor in case of fire.

9. Radiator must remain in stock location. May have aftermarket mounting, but must be similar to factory radiator support, and made of no thicker than 1/8" material. Cannot be attached to the frame, or used as an extra cross member.

10. Aftermarket shifters, headers, transmission coolers, electric fuel pumps, drive shafts and electric fans may all be used.

11. All cars will have a roof-top sign 16" x 16" displaying your number. Dark on light, light on dark. Numbers must be 12" tall and 2" wide. The number and driver's name will also be painted on both front doors.

12. Homemade motor mounts may be used as long as they do not reinforce the frame. May not extend more than 4 inches in front of or behind the engine block or head. Two engine and one transmission mount only in the stock engine location. Engine and transmission may be chained with one wrap of chain only. NO FULL CRADLES ONLY LOWER CRADLES MAY BE USED. NO DP NO Pulley protector.

13. Tucking or wedging of the trunk is allowed. If judges cannot see in the trunk from the rear seat, a 12" x 12" hole must be cut for inspection. No vehicle should be constructed in such a way as to be used with the intent of purposely rolling or lifting other vehicles off the ground.

14. Chaining of the humps is allowed with one wrap only.

15. No wiring or chaining of any window openings.

16. Any American made stock hardtop automobile or station wagon is allowed, except trucks, jeeps, hearses, limousines, 4x4's or ambulances. No 1973 or older Imperials or Lebarons. Cars must be stock, which is defined as follows: Modification of a vehicles body, frame, or bumpers by adding steel, pipe, or wire or other foreign materials to the car to assure greater strength is not permitted, except where specified

17. Cars must have bounce in suspension. NO solid suspension. No leaf spring conversions.

18. Bumpers can be welded to the brackets and the brackets can be welded to the front 10" of the frame with no added metal. No welding the bumper directly to the frame. Bumper Seams CANNOT be welded. Shock horns may be put on a car that did not originally have them with minimal welding and no added iron.

19. No welding of frames or any other welding except where specified in rules.

20. Front doors may be welded. No other welding allowed.

21. The 2 front body mounts (hood/core support) and 4 rear body mounts (trunk) can be removed and have up to 1" all-thread through them and may run up through hood or trunk lid with washers no bigger than 3" diameter. Washers cannot be welded to the frame, but can be welded to the body. All other mounts must remain as stock. No welding all-thread to the frame. Uni-body cars may drill holes and run all-thread at these locations also.

22. Trunk lid, rear doors, and hood can be chained, bolted or wired to body only.

23. The hood and trunk must be able to open for tech at inspection. Hood/Trunk fasteners – 6 each-12 total

24. Frame repair – You may re-stub a car but only with the same make/model/year stub and only by cutting old frame off, butting new frame up tight and butt-welding. No added or extra iron. Don't get carried away or you will be torching – NO EXCEPTIONS! If your frame bends, kinks, or breaks, you can weld one piece of Maximum 1/4" thick metal on one side of the frame only not to exceed 2" past the damaged area in either direction. You may only repair each frame rail a maximum of 3 times.

25. NO ADDED BOLTS, CHAINS, WIRE, CABLE, ETC. FROM BODY TO FRAME OR BODY TO BUMPER!!!

26. IF IT DOES NOT SAY IT IN THESE RULES, DO NOT DO IT!!!!

27. GRAY AREAS CAN AND WILL BE TORCHED IF NECESSARY!!!!

28. THE RULES WILL BE ENFORCED AS WRITTEN!!!

Power Wheels Demolition Derby

This event is for the kids to get involved in the sport, not just to set and watch. It is not a contest there will be no cash prize or a first place. Just plain fun!

1. This is supposed to be fun for the kids, Parents, PLEASE do not ruin it for them.

2. This is for kids ages 7-9.
3. Derby is limited to 6 or 12-volt power wheel only.
4. No added reinforcement for strength; let the kids have fun painting them.
5. Stock tires only, no screws in tires, No Chains, Etc.
6. Do not raise or lower. Power Wheels must sit as if it came from the store.
7. Stock battery can be replaced with 12-volt lawn mower battery. Batteries MUST be secured.
8. Helmets are mandatory, bicycle helmet is ok
9. Seatbelt are recommended.
10. No Passengers.

GOOD LUCK AND HAVE FUN!
All judges' decisions are final