

2017 Harvey Co. Fair Demo Derby - Bolt & Chain Rules

2017 Harvey County Fair Demolition Derby – Bolt & Chain Rules

Entries are open to men and women who have a valid driver's license. In the interest of safety and in fairness to all contestants, the following rules and regulations will prevail:

DRIVERS ENTRY AND FEES:

1. All drivers and pit crews must be 18 years of age or have a notarized permit by a parent or guardian. **ID must be shown by both the minor and signing adult at check in. Notary paper work must be done prior to entry! There will be no notary available at the derby.**
2. All drivers and pit crew must sign a release form prior to derby.
3. Drivers must furnish his/her own car.
4. A maximum of six (6) sponsors per car.
5. Drivers may enter each heat but must have a different car for each heat.
6. Each car will pay an entry fee. The entry fee will include two pit passes, one driver & one car. The fee is as follows - \$40 the day of the derby.
7. Additional pit passes will be available for \$20 ea.
8. Anyone entering the pit area must provide a valid state ID.
9. ****NO ONE UNDER THE AGE OF 16 WILL BE ADMITTED TO THE PIT AREA AT ANYTIME BETWEEN 11AM TO THE END OF THE DERBY! Anyone under the age of 18 must have notarized paper work with them at the time of check in along with the signing adult & both presenting a valid ID.**

HEATS:

The derby will consist of heats and consolation qualifying heats. The last two (2) active cars and drivers in each heat will comprise the feature cars and drivers. No changing of drivers or cars for the feature will be allowed.

If the driver qualifies in more than one car they must pick the one car they will drive in the feature.

Consolation:

Any car PARTICIPATING in a previous heat is eligible for the consolation heat. The last two (2) active cars and drivers in the consolation heat are eligible for the feature race.

THIS PROGRAM IS SUBJECT TO CHANGE BY THE OFFICIAL WITHOUT NOTICE

PARTICIPATION REGULATIONS:

1. Drivers may maneuver forward and/or backward.
2. If the driver does not hit another car aggressively within 1 minute, that driver will be disqualified.
3. **DO NOT play possum & NO TEAM DRIVING!**
4. Drivers must attend a drivers meeting approximately one-half hour prior to the start of the derby.
5. All protests must be submitted by a driver in writing to the official with a minimum of five (5) driver's signatures along with \$50. If the car is found to have cheated the \$50 will be returned. If the car is found to be legal, the \$50 will be given to the driver in question.
6. No pit persons allowed in show arena during a heat.

2017 Harvey Co. Fair Demo Derby - Bolt & Chain Rules

7. Cars must be inspected and in perspective heat line up between 12 noon and 5:30 PM. There will be NO EXCEPTIONS TO THIS RULE. The Derby will start at 6:30 PM.

8. If any car is found to be illegal during inspection they get two chances to fix it correctly, the THIRD time the car has to be inspected it will cost \$50 for it to be looked at again.

9. No drivers or pit crew members under the influence of liquor or any illegal substance will be allowed to participate or enter the exhibition area. County and State Law prohibit the consumption or possession of any alcoholic beverage or cereal malt beverages on property owned by city, state or governmental subdivision.

10. Only one (1) work vehicle per car entry in pit area. NO TRAILERS INSIDE PITS DURING CHECK IN. Please drop trailers outside of pit area away from spectator parking.

11. Cars are subject to re-inspection before prize money or trophies are handed out. **THE TOP FIVE (5) CARS WILL NOT LEAVE THE ARENA AFTER THE FINAL. THESE CARS WILL BE INSPECTED AGAIN BY OFFICIAL AND DRIVER ONLY, BEFORE ANY PRIZE MONEY IS AWARDED.**

12. If you have any questions give us a call. If the rules don't say it, don't do it. Official's decisions are final!

13. Roof Sign maximum 24" x 24" is mandatory.

PREPARATION OF CARS

No screws are allowed on outside of car. NO PLASTIC GAS TANKS. (Heavy duty plastic racing fuel cells are allowed.) No wedging, no sedagons, no jeeps, no trucks (ranchero and El Caminos are considered trucks), no carryalls, no hearse, no limos, no convertibles, no imperials 73 and older or imperial subs. No sub changes. All glass, chrome, pot metal, lights, carpet, headliner, back seats, fiber glass and anything else that is flammable must be removed before reaching the exhibit area. (Do not break glass down in the doors.) Trunks must be empty of all debris, spare tire rims, parts, etc. Wagons must have spare tire flap removed or hole cut in it for inspectors to see.

ABSOLUTELY NO welding besides what is stated in these rules. All 9 wire must be tied to the car so not to fall off in the arena. UNLIMITED 9-WIRE. This does not apply where rules specify how much wire you can use, i.e. doors and bumpers or where used for reinforcement.

MANDATORY

Car must have number on the roof with name on roof above front doors. Use your choice of number. You must have a roof sign with minimum of 12 inch numbers on both sides of sign. No profanity allowed on cars. Safety straps from roof to firewall are mandatory. They can be 1" x 1/4" thick. At least one (1) no more than three (3) straps from roof to firewall. Right side must left open. Vertical bars only no horizontal bars.

ENGINE

Engine swaps ok. You may change carburetor, intake, and ignition. You may use 2 chains to retain one on each side or use two straps, 2 in. by 3/16 thick to hold motor in. It can ONLY be welded to TOP of frame no more than 3 inch long weld. The strap cannot be farther forward than the stock mounted water pump. You may use header pipes. Must have stock motor mount bolted

2017 Harvey Co. Fair Demo Derby - Bolt & Chain Rules

or welded to cross member, If stock mount not used it will be up to the inspection to ok best to use stock mount. . This is a stock show. No dp's. you may run a lower cradle that has to be mounted similar to how the original motor was mounted from the factory. which means it can only be bolted to car frame and has to have rubber mounts between the car and lower cradle. the cradle will only be 1/4" thick or less. no pulley protectors.

RADIATORS

It must be an automotive radiator, remain stock, and in the stock location. No home made radiators allowed.

TRANSMISSION

Transmission coolers are allowed. They must have double clamps on all rubber to steel lines. No transmission protectors allowed. They must be stock. They may have chain to secure. Cross member must be bolted in. If you don't have a cross member you must use a piece of 2x4x1/4 C-Chanel and it must be bolted in with a max 4- 3/8 bolts with 1 inch od washers.

BATTERY

The battery must be in the front passenger side and be covered with something nonflammable like rubber tube, rubber floor mat, etc. Batteries must be secured so they don't move. 2-12 volt batteries max.

SUSPENSION

Suspension must remain stock. No welding on shocks, no trailer hitches, special lifts, blocks, air shackles, air shocks. Air lifts must be deflated. Screw in spring spacers ok. Shocks ok if after market. No homemade shocks.

REAR ENDS

Rear ends must be 5 lug. Locking of the rear ends permitted. Stock mounting for make, year and model of car required. No braces or axle protectors. You may use a 3/8 chain around frame and to axle 1 wrap only. You may 9 wire or chain lower coil spring to spring pocket. After market gears in rear end are allowed.

TRAILING ARMS & A-ARMS

They must be factory with absolutely no reinforcing, shortening or lengthening. You may 9 wire A-arms or bolt down with 5/8 max bolt with 1 1/2 od washers. Or you may use 1 3/8 chain 1 wrap around a-arm to frame per side.

STEERING COLUMN/BRAKES/SHIFTER

The steering column must be stock. You may put steering knuckle at rag joint. Brakes must work. You may use a bolt in pedal assembly in the drivers floor board and must be bolted to sheet metal only. You may put shifter on the floor or attached to the tranny. A cable shifter is ok.

HOOD

The hood must remain in factory position. Six (6) hood bolts are allowed and only 2 may go through the frame outside of radiator at the core support. All thread cannot be directly in front or behind the radiator. Bolts must not be any bigger than 1 inch with washers no bigger than 5 inches outside diameter. You must have 2 holes cut in the hood big enough for a fire

2017 Harvey Co. Fair Demo Derby - Bolt & Chain Rules

extinguisher, not directly over the carburetor. You may use 20 bolts around header holes no bigger than SAE 3/8 with washer no bigger than 1 inch outside diameter.

TRUNK

You can use 4- 1 in. bolts in trunk and 2 may go through frame with washers no bigger than 5 inches outside diameter. Trunk lids must remain on factory hinges. Tucking or V'ing of trunk lid is allowed, but absolutely no wedging. You may chain or 9 wire or bolt with 3/8 bolts with 1 inch od washers up to 10 places total on deck lid, if bolting it can only go through drip edge. Wagon gates are considered same as deck lid. **NO MORE THAN 50% OF TRUNK MAY BE TUCKED.**

BODY

No seam welding and no patching is allowed. Pre-denting is okay. Body must be stock to frame.

FENDERS

Fenders may be trimmed and 10 bolts may be used per fender. Bolts are to be no bigger than 3/8 with washers no bigger than 1 inch outside diameter. You may have 2 wraps 4 strands of 9 wire from fender to fender in front of radiator not connected to bumper. This wire must be ran behind or in front of wire from core support or hood to bumper.

BODY MOUNT BOLTS

They must be factory. Bushings must be factory. If missing a body bolt, you may use factory size bolt for fix. If bushing is missing, you may wire mount with 9 wire. Do not remove rubber mount or you will 9 wire it or load it.

FRAME

Absolutely no welding is allowed on frame. No reinforcing of frame whatsoever. You can notch the frame. You may pre bend frame. You may not put fix-it patch on a fresh car. You may patch or fix the frame with a max of 8-4x4x1/4 plates per car. Four (4) patches are allowed per frame rail, uni-body cars will be considered 1 frame rail per side. There must be visible damage to the frame, i.e. tear or bend. A patch may not be closer than 1 inch to another patch, which means 1 inch between welds on patch. If you have to patch after your heat and have 8 plates, one must be removed before one is added.

DOORS

Driver's door may be welded solid with a strap no bigger than 3 inches, on the outside only. On the driver's only, you may reinforce inside the car however you want as long as it does not attach to the frame and does not go past door seams of driver's door more than 8 inches and is deemed safe by inspectors. You must have a safety bar welded or bolted. If bolted, must have 4 bolts through bar to body. Bar cannot go past door seam by more than 8 inches. All other doors may be chained up to 6 placed per door or wired 6 places per door. On wagon's tailgates, **NO WELDING** is allowed.

CAGE

You may have a cage with two side bars, one on the driver's door and one on the passenger door; and two cross bars, one behind the seat and one at the dash. The cage cannot extend past the dash

2017 Harvey Co. Fair Demo Derby - Bolt & Chain Rules

area in the front and must be no further back than 8 inches behind the front seat or behind the front doors, rear door seam, i.e. 2 door cars. This can be welded in. Absolutely no kickers are allowed. You may have 5 down bars. They cannot go to the frame. sheet metal only. You may have a halo bar it cannot be any farther back than the seat bar. None of the cage or halo can connect to the frame. A halo cannot connect to the windshield bars or the roof sign.

BUMPERS

You may weld bumpers to brackets **OR** weld brackets to frame, not both. They can be wired, chained from mount to mount. You may remove brackets but cannot add any, i.e. you can put bolts or chain anywhere between the mounts to the car, 6 bolts 1 inch max 24 inches long per piece may be used to bolt front and rear bumper on. No welding of shocks or brackets. If you have an aluminum bumper you may change it to a stock model bumper for that make. Bumper swaps are ok. Brackets must be stock to the car you are running. No changing the mounting brackets for the make, model and year of car is allowed. Brackets must be in stock mounting position on frame. **NO WELDING OF SKINS.** Make sure the bumpers are well secured. We don't want to pick them up all night.

GAS TANKS

A maximum of 7 gallons of gas is allowed. Fuel cells/metal boat tanks must be placed in back seat area and properly secured. **NO STOCK TANKS.** Fuel cells must be secured so there is no movement. (Do not use bungee cords for this.) If tank is not secure you will not be running. Fuel cells must have secure caps and be leak proof. All fuel lines must have no leaks. Stock gas tanks must be removed or have holes in them and washed out. **NO PLASTIC TANKS.** (Heavy plastic racing fuel cells may be used.) Tanks must be covered with non-flammable material. Tank must be mounted in center or behind driver's seat.

If you use an electric fuel pump, it must be wired into a murphy switch/oil pressure switch. This is to ensure the fuel pump shuts off when the engine quits.

TIRES/ Wheels

Any tire allowed up to 16 inch, Tire inside of tire is okay. No fluid allowed inside of tires. No wheel weights. Make sure you remove them even from your spares. Weld in centers are allowed maximum of 9 inch diameter and ¼ thick. Maximum of 16 inch wheels will be allowed.

Official's decisions are FINAL! If there is an altercation with an official you will be removed from the derby arena and or pit area and not be able to return.

REMOVAL OF CARS

Each driver must remove his/her car from the fairgrounds within 12 hours of the end of the derby.

Any cars remaining on the fairgrounds more than 12 hours will become property of the Free Fair Association.

ANY QUESTIONS ON THE BUILDING OF CARS, CONTACT RYDELL PENNER AT 316-303-6307.