

# JUAB COUNTY FAIR



## DEMOLITION

# ★ DERBY ★

2020 Juab Driver Registration

March 1, 10:00 a.m.

Open Registration - March 2, 10:00 a.m.

★ TRUCK CLASS ★

**AUGUST 14, 2021**  
6:30 PM

★ Register at ★

[juabcountyfair.com](http://juabcountyfair.com)

Registration Deadline

July 30, 2021 @ Noon



# 2021 Juab County Fair Demolition Derby

## Truck Class Rules Updated 2-23-21

Contact: Adam Henstra Call or Text 801-891-2400

Online Sign-ups: [juabcountyfair.com](http://juabcountyfair.com)

### General:

1. Only 3/4 ton or less Standard Truck, Suburban, Blazer, Bronco type vehicles are allowed. If you are in question, please call first.

2. All glass, plastic, and pot metal must be removed. Nothing may remain in the bottom of the doors, bed, or floorboard. All outside hardware must be removed (door handles, mirrors, chrome, molding clips, screws, fiber glass, etc.) All fiberglass roofs or shells must be removed. All wheel weights must also be removed.

3. No added weight to the truck except the weld.

4. Seats must be securely mounted to the floor and must have a working seat belt that is securely fastened ideally to the stock mounting holes due to factory reinforcement. If at any time during competition you remove your seatbelt you will be disqualified. We do not want you to get ejected from the truck. If you only want a lap belt please remove all shoulder harness hardware and shoulder portion of belt. If it is a one-piece belt please use a different seat belt instead of a knot in the belt. You will not be allowed to just shove it behind you in case of fire. All trucks MUST have inner padding on driver's door.

5. All flammable materials inside the truck must be removed except necessary safety padding and seat.

6. Your number must be at least 18 inches tall and must be painted on each side of your truck.

7. ALL TRUCKS MUST BE COMPLETE BEFORE BEING INSPECTED. ONCE INSPECTED YOU ARE NOT ALLOWED TO TAKE YOUR TRUCK BACK TO THE PITS TO WORK ON THEM.

### 2. Fuel Pumps:

1. Externally mounted electric fuel pumps are allowed. ON/OFF switch must be located on the dashboard or dash bar so that they are easily reachable for the officials. Switches must be painted in a florescent type paint making them stand out from other switches. Safety will be determined by officials on racing fuel cells.

### 3. Tires:

1. You may use ANY tire and you may tube. Tires must hold air. No solid tires.

2. You may weld valve stem protectors, Bead locks, and have weld in centers.

#### **4. Brakes:**

1. All trucks must exhibit the ability to stop before entering the arena. If a truck loses its braking ability it may be subject to disqualification.

2. Gas / brake combos are allowed.

#### **5. Engines and Protectors**

1. Any engine / transmission combination may be used as long as they are within 5" of the stock engine location.

2. Lower engine cradles with front plate will be allowed. A Lower crank pulley protector will be allowed to cover the lower half of the pulley. They may only be attached to the engine and one point on each side of the engine to the frame, not to exceed the footprint of a factory mount. cradle may not be welded or attached to any other part of the frame or cross members. Engine cradle may not be attached to the mid plate and the mid plate may not be attached to the transmission protector.

3. For trucks without a factory engine cross member you may use a factory cross member or a piece of channel stock not to exceed 8" wide and mounted in between the frame rails for the purpose of mounting engine only. The material must not exceed the thickness of the frame. It must be mounted directly above the front axle and cannot be wider than the frame at this point.

4. Two additional motor tie downs may be used. No more than one fastener on each side of the motor may be used. If straps are used, they may only be welded to 3 inches per side on the cross member only. That section that is welded to the frame may not be any thicker than ¼ inch x 2".

5. Transmission protectors, braces, Skid plates are allowed. **MAY NOT BE ATTACHED TO FRAME, MID PLATE or CRADEL. ONLY TO 2"X2"X1/4" TRANSMISSION CROSSMEMBER.**

6. Slider drivelines may be used.

7. After market steering columns are allowed. Control arms, connecting rods may be reinforced. Aftermarket hydraulic steering will **NOT** be allowed.

#### **FOR USE BELOW:**

1. All factory exterior seams must be welded. Side window openings at the bottom of the window may only be welded with up to 2" x ¼" flat strap. Hood seams must be welded.

2. Beds **MUST** be welded to the cab with up to 4" x ¼" flat strap.

3. A secure net is mandatory for the back window of single cab trucks to prevent whiplash.

4. All tail gates must be fully welded.

5. Only two-wheel drive may be functioning.

6. No inner seam welding or alterations to strengthen the frame. You may weld the firewall to floor seam.

7. If you bend your bed sides down you **MUST** have two kickers from the top of the halo bar to the cross bar behind the gas tank.

8. You may fold the truck bed sides down behind the wheel well and run a 1" bolt through the frame and bed side with a max 3" washer on each side.

9. You may **REPLACE** up to 4 body bolts in the cab and 4 in the bed area with 1" bolts up to 8 inches long with a nut and washer on both sides using washers that are no larger than 3 inches.

## **6. Doors and Windows:**

1. All **EXTERIOR** door seams must be fully welded.

2. **DOOR WINDOW** seams may be pinched and welded where the windows come up through.

3. You may use a screen or netting over driver's side front window and driver's door only.

4. If your truck does not have a headrest you must have a net covering the area behind the seat in the back window.

5. Tailgate may be lowered to cover the frame rails if removing rear bumper.

6. You may cut and roll the fender for tire clearance. You may use up to three 1/2" bolts.

7. You must have a minimum 30" x 30" hole cut in the hood for inspections and fire protection. You may bolt around the opening within 3" of the opening every 12" with 1/2" bolts.

## **7. Safety Bars:**

1. You may use channel or tubing/pipe up to 6" O.D. for Dash & Rear Bar. Side bars can be up to 10" tall x 6" wide channel or tubing. If using double side bars they must be within the 10" rule outside to outside. Side door bars may not go past the front dash bar more than 4" or past the rear gas tank bar more than 4". End plates are mandatory with a max of 10"x10", up to 1/4" thick. Any location where 2 pipes meet may be gusseted and must be gusseted inside the cab. You may use up to a 8" x 8" gusset.

2. A halo bar is required and must be out of up to 4" OD Pipe or Tubing. The halo can come from the floor inside the back part of the cab or off the floor of the furthest front portion of the bed. You can have up to 2 bars connecting your halo to your dash bar, but must use the 4" OD halo rule.

3. Pipes cannot be fence, galvanized, exhaust style of pipe/tubing.

4. You must run bars on the inside the cab. They must be mounted within 6" of the door.

5. You may weld a plate a Maximum of 10" wide across the driver door for protection, not to exceed 6" past the exterior door seams. This plate must be run horizontally.

6. For Trucks your cage must resemble the cage pictured below. This includes the down bars.

7. (4) **CAGE to FLOOR** down bars allowed. (2)- Front down bars must be vertical and inside the cab, these may be welded to the floor (2)- Rear down bars may be placed in rear of cab or no further than behind the cab in bed and must be vertical to the frame. **ABSOLUTLY NO KICKERS OR ANGLED DOWN BARS.**

8. All bars and posts in the proximity of the head must be padded.
9. Overall safety will be determined by the officials at time of inspection.

## **8. Bumpers:**

1. Stock O.E.M. bumpers off of a passenger car or truck may be used. Chrome may be welded to the inner bumper box. OEM bumpers may be loaded.
2. Front/back bumpers may be switched using a OEM car or ¾ ton or less bumper or you may use a homemade bumper following the diagram provided 5"x5" with a max of 12" point from the back side of the tube. Bumper may not exceed 10" past outside frame rails. If truck has a beam type bumper it may not be welded to the body.
3. Bumper heights to the top of the bumpers may be no higher than 32" at the highest point & no lower than 16" at the lowest point. Also, you may add two 2" x ¼" flat strap or two 1" cold rolled from your hood to your bumper, you may weld a TOTAL of 10" on the bumper and 10" on the hood each.
4. If using pipe or tubing in place of OEM bumper brackets/shock the max size is 18"x3-1/2"x1/4" OR 18"x4"x3/8" straight flat plate.
5. Only one bumper bracket per frame rail is allowed and front bracket can be welded and/or bolted no more than 18 inches from the front of the frame. This applies to the rear bumper bracket as well.
6. Compression bumper shock tubes may be compressed and welded.
7. Trailer hitches and framework aftermarket or not must be removed.

## **9. Frame:**

1. THERE IS NO WELDING OF OR TO THE FRAME ALLOWED OTHER THAN what is specified in the Rules.
2. Front frame may not be shortened more than 3" or to within 1" of original core/radiator support. Rear shortening of the frame rails is allowed. You may notch the frame but may not weld the cut back together.
3. All body mounts (rubber biscuit and cone, pucks) may be removed.
4. No Buffing, grinding or packing of frames.

## **10. Radiators & Radiator supports:**

1. Only OEM style passenger car or truck radiators may be used. Aluminum racing of the same style may also be used. Radiator hose loops may also be used.
2. Radiators FIN area only may be sleeved in a light expanded metal. It may not be fastened to any part of the truck.
3. Radiators must stay close to stock position in front of the motor. (No added water capacity).
4. Engine coolants are not allowed – Water only!

5. Upper Radiator supports may be welded to the hood using a 6-inch weld only or may be bolted with two bolts with 3" washers. No more than 2 bolts may go thru the upper core support. And none if you weld it.

6. Lower Radiator support body mount bushings may be removed and replaced with a max. 1" bolt diameter. Bolt may go up through the upper core support or hood to be used in #5 above.

7. Radiator support may not be welded to the frame, bumper, bumper brackets, or anything else.

## **11. Gas Tanks:**

1. Original gas tanks must be completely removed from the truck.

2. A marine type tank or fuel cell must be used. NO plastic gas tanks will be allowed, with a maximum size of 7 gallons can be used.

3. You must have your gas tank securely mounted at the front of the bed with a minimum of four fasteners and covered unless a fuel cell or metal tank. Seat belts or "pull" type straps may not be used for anything besides the cover. Otherwise it must be mounted behind the seat using the same mounting instructions.

4. Fuel lines must run inside truck. Original gas line inside frame cannot be used. You may run this line through a secured pipe where it runs between the bed and the cab.

5. Overall safety will be determined by official at time of inspection.

## **12. Batteries:**

1. Must be securely mounted inside the truck in a box and covered unless a gel cell.

2. Battery Box cannot be made out of plastic; Seat belts or "pull" type straps may not be used except for the cover.

3. Battery Box cannot be bolted thru or around the frame.

4. 2 Batteries may be used.

5. Overall safety will be determined by official at time of inspection.

## **13. Air Cleaners:**

1. You must have an air cleaner over the carburetor at all times during the event.

2. No starting fluid will be allowed.

## **14. Suspension:**

1. Only 7 leafs in the front and 11 leafs in the back will be allowed. If building leaf Packs you must use oem leaf (no flat stock) 3" stager on each end of each leaf is required. Leafs may not be thicker than 3/8" and no wider than 3.5" There will be some exception to this rule if leaf packs are 100% stock for a 3/4 ton pickup. Only 3/4 ton truck suspensions or smaller will be allowed.

2. If you are converting coil springs to leaf springs you must remove ALL coil spring components and brackets. Your leaf spring mounts must be OEM or equal and may ONLY be mounted to the bottom of your frame. If building mounts and hangers you must use 1/4" thick or less and MUST resemble a stock spring bracket.

## 20. Rules for Previously Run Trucks

1. You may re-stub your truck frame. Using a factory frame of same thickness, no c-channel. You are allowed up to (8) 6" x 8" x 1/4" plates. If you re-stub this counts as 2 of your plates. You may not cut the plates and use the excess elsewhere. plates may not be welded together or touch at any point

2. You may cover any body holes / tears for safety using like size material no more than 2" past the hole/tear.

If you have other pre-run questions, call first before you fix it!!

Overall safety will be determined by official at time of inspection.

Contact: Adam Henstra 801-891-2400

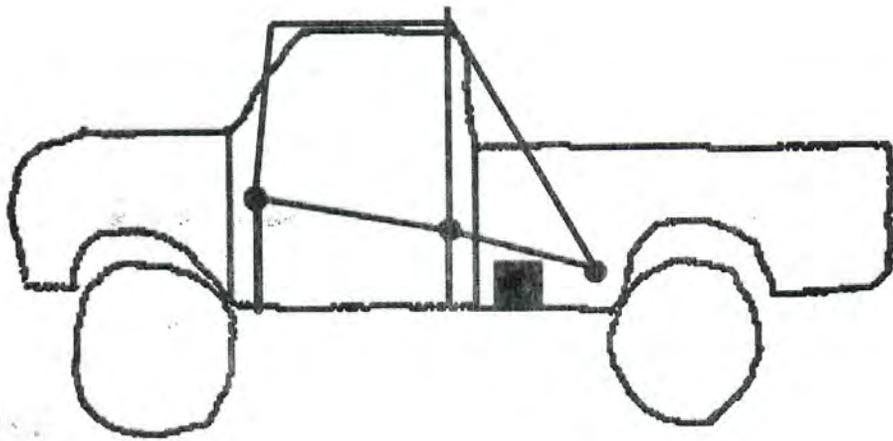
### Rules of Competition:

- 1- No intentional hitting the driver's door (must be determined by **TWO** track officials unless it is deemed blatant). If you hit a driver's door under power you will be disqualified from the heat and lose your place standing.
- 2- No sandbagging. (Determined by track officials).
- 3- No intentional hitting of a non-flagged car.
- 4- Each car will have 2 minutes to make a hit.
- 5- Track officials may stop a heat at any time if unsafe conditions should arise. An effort will be made to rectify the issue at which point the heat will resume,
- 6- The definition of a hit is as long as your car is running and able to make a hit unassisted in a forward or reverse motion under power. Must be 1/2 car length or more. Rocking will not be considered a hit
- 7- Drivers must stay in their safety belts at all times during the competition with your helmet on, even if you are out of time.
- 8- As trucks will be staged for the event, there will be no tampering of opponent's vehicles. Anyone caught tampering will be disqualified from this and any future events. This applies to your whole crew.
- 9- Drivers must wear a D.O.T. **approved full-face crash helmet**. (No add on chin guards). **Eye protection is required. Neck braces are highly recommended.**
- 10- **NO** pit crew members allowed in the arena to help remove your car. Drivers may **NOT** provide their own tow vehicle.
- 11- You must wear long pants and a long sleeve shirt, no shorts and no open shoes. Fire suit is optional.
- 12- Any instances resulting in a tie. Money will be split and trophy flipped for.
- 13- If your car is rolled on its side or flipped over you will not be allowed to compete any further in that heat; however, your time continues as if you were stuck. If you roll yourself or get hung up

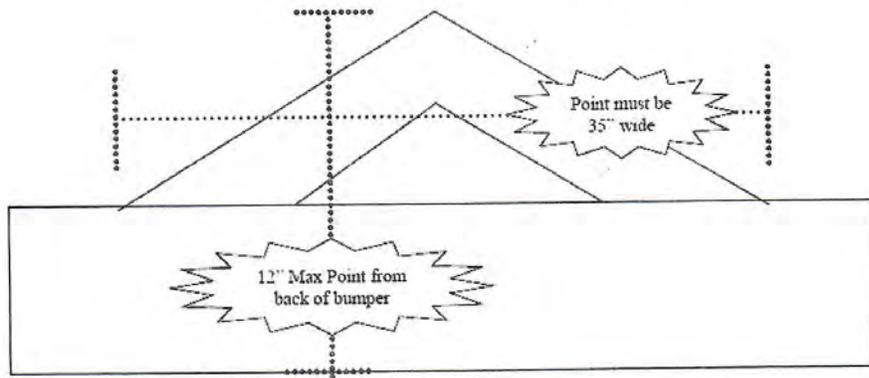
on a car you roll you will be brought back on your wheels or pulled apart and you will be able to continue to run if your car is deemed safe to compete.

- 14- If you have 2 fires of any kind that need extinguishers to put it out, you will not be allowed to compete any further in that heat; however, your time continues as if you were stuck. If you must be removed from your car for safety reasons your time will run out accordingly.
- 15- Once you are timed out or disqualified you may not help other drivers. Both you and the driver you assist will be disqualified for the heat.
- 16- All official's calls are final. If you disagree with a call sorry, arguing with an official or member of the staff or other drivers are grounds for disqualification. No calls will be overturned.
- 17- No hot rodding in the pits or you will be disqualified.
- 18- Un-sportsman like behavior will not be tolerated and will result in disqualification and removal from grounds.
- 19- **No alcoholic beverages will be allowed!** Any Driver or Pit crew member who has consumed or is consuming alcoholic beverages before or during the derby will be disqualified!!
- 20- Each driver must submit a completed entry form along with the required entry fee on or before the entry deadline. Entries are non-transferrable and entry fees are non-refundable!
- 21- Other than what has been specified above, no other alterations or interpretations of the rules will be allowed.
- 22- **Inspection will be from 7:00 – 4:00 Please allow plenty of time for your truck to be inspected before 4:00 p.m.** Trucks will be impounded upon passing inspection. Make sure your truck is race ready when passing inspection. The exception will be after your truck is impounded you MAY connect a portable battery charger. No refunds will be made if your car does not pass inspection. Each car will be allowed one truck and one trailer in the pit area AFTER your car passes inspection. **No excavators, tractors, backhoes ect allowed in the pit area.**
- 23- MANDATORY driver meeting at 5:00. We will draw for heats, driver raffle and go over last minute info.
- 24- \$75 entrance fee includes driver (Shirt) and 2 pit member shirts. 2 additional pit passes can be purchased upon your car passing inspection for \$20.00 each.
- 25- Driver and Pit Crew MUST sit in designated seating area while watching the derby. NO SITTING IN/ON THE CHUTES. You will be asked to leave if you are sitting or standing in isles or grandstands, entry area.
- 26- All drivers will be responsible for anyone in their pit area. All pit crews must sign a waiver before being allowed into the pit area.
- 27- Must enter Arena on your own power.

**2-23-2021**



(If ends are capped a 1" inspection hole must be cut)



**5"X5" MAX**