



Registration for past Juab drivers begins
March 1st
Open registration begins April 1st
Online Registration- April 1st
Tickets on Sale April 1st
www.iuabcountyfair.com

Juab County Fair Demolition Derby
August 10th, 2019 – 6:40 PM –

Juab County Fairgrounds Nephi, Utah

Registration Deadline – August 3rd, 2019 @ Noon

To be listed on the program you must be registered by July 30th.

IF IT IS NOT SPECIFIED IN THE RULES BELOW THEN CALL US FIRST BEFORE YOU ATTEMPT IT.

All Cars will be thoroughly inspected! If something does not meet the rules below, you will be asked to correct the problem or be disqualified (entry fees will not be refunded).

Old Iron Class

Stock Class

Truck Class

80's Class



Tickets go on sale April 1 at juabcountyfair.com
 Like Juab County Fair Demolition Derby on Facebook

Juab County Fair Demolition Derby

www.juabcountyfair.com

Any year O.E.M. frame and body model of passenger car or station wagon may be used except for 1973 or older Chrysler Imperials or Lebaron's.

We reserve the right to re-inspect cars at any time before, during or after the event, even after it has been flagged. You may be asked to cut areas of question open before, during or after the derby if needed. You may apply the 1980's and newer rules to cars built in 1977-79 only if there is a car built in 1980 that is of the same make, model and body style. Call with questions 801-367-4437

Juab County Fairgrounds is a non-smoking facility

WE ARE PRIVILEGED TO USE THIS FACILITY PLEASE TAKE EXTRA CARE IN STRIPPING YOUR CAR!

OLD IRON & 80S RULES

1. PREPARATION:

- a) All glass, plastic and pot metal must be removed. Nothing may remain in the bottom of the doors or trunk. All outside hardware must be removed (door handles, mirrors, chrome, molding, screws, fiber glass, etc). Inner wagon panels may remain but all rear seats must be removed. All trailer hitches, brackets and framework, aftermarket or OEM, must be removed completely.
- b) No added weight to the car except the weld. No packing the frames, cages, trunks, doors, or under floor decking.
- c) Front seats must be securely mounted to the floor and must have seat belts. All cars MUST have inner padding on driver's door and driver's side door posts.
- d) All flammable materials inside the car must be removed except necessary safety padding and seat.
- e) No Sadagoning is allowed. (Converting a wagon into a sedan). Contact us if you have any questions.
- f) Skid plates are allowed, but must be separate oil pan/transmission plates and may not be connected to each other in any way. No full-length skid plates. No bolting or welding of skid plates to the frame or body.
- g) Your number must be at least **18** inches tall and must be painted on each side of your car and the roof. Roof signs are ok, but they must be placed as far back on the roof towards the trunk as possible, ideally over the rear seat.
- h) **ALL CARS MUST BE COMPLETE BEFORE BEING INSPECTED. ONCE INSPECTED YOU ARE NOT ALLOWED TO WORK ON YOUR CAR.** (Charging batteries & checking fluids is ok).

2. Fuel Pumps:

- a) Externally mounted electric fuel pumps are allowed. A toggle switch is recommended and must be marked with red paint.
- b) Overall safety will be determined by the official at the time of inspection.

3. Tires:

- a) You may use any rubber tire except solid tires. Air **ONLY** must be used to inflate your tire.
- b) You may bolt or weld valve stem protectors and bead locks to the rim if desired.
- c) Wheel balancing weights must be removed from the rims.
- d) No stuffing or doubling up of tires.

4. Brakes:

- a) All cars must exhibit the ability to stop before entering the arena. If a car loses its braking ability it will be subject to disqualification. Drive Line breaks are allowed.

5. Engines and Transmissions:

- a) Any engine and transmission combination may be used in any car, but must be mounted within 5" of the original motor location, and must be mounted securely. You may cut a hole in the firewall to accommodate the engine or distributor within reason, but it must be covered to prevent a fire hazard.
- b) **Distributor protectors, mid-plates or full engine cradles are not allowed** although a spacer may be used to accommodate shortened bell housing, it may not exceed 2" beyond the bell

- housing and must only be held in place using factory bell housing bolts. **Must not be connected to any other components.**
- c) Holes left in the firewall larger than 8" by 8" from removing the dash and heater core must be covered to prevent fire hazards. Holes will not be allowed in the floor of the car except to accommodate the transmission shifter, fuel and transmission lines and wiring. Shifters may be tack welded or bolted. Patching holes is for safety not reinforcement. When patching rust holes you may use sheet metal only and it may not extend more than 2" past the rusted area.
 - d) Front Plate and lower engine mounting cradles with crank pulley protectors are allowed. Motor may be bolted, welded, chained or strapped to the cradle only. The pulley protector may only cover the lower 1/2 of the pulley and may not extend further than 2" in front of the pulley. The cradle may only be attached to the engine cross member and engine block and may not be connected to or touch the frame rails. You may not exceed a 5"x5"x1/4" mount to the cross member on each side of the cradle. If a lower engine cradle is used, you may not use any additional straps. Call with questions.
 - e) After market gas and brake pedals are allowed, **MUST NOT BE MORE THAN 12"X14" WIDE ON THE FLOOR PAN, THEY MAY NOT BE BOLTED TO THE FRAME**, they must be mounted in such a way that it is safe but does not strengthen the floor.
 - f) **No engine oil coolers are allowed.**
 - g) **A transmission protector is allowed and may not exceed the bell housing shape by more than 2 inches and/or an Ultra Type bell may be used. May only be attached to the transmission and may not be in or come in contact with frame rails.**
 - h) If you run a tranny protector, Steel bell housing or Steel Tail Shaft it may only be attached to the cross member with a stock OEM rubber mount or chained down.
 - i) **If using either a tranny protector and/or an Ultra Bell, you MUST use a 2" x 2" O.D. square tube 1/4" wall max thickness cross member. Cross member must have one 1/2" inspection hole within one foot of center on the side or bottom. Cross member must be mounted within 5" of original mount. There must be no stopper on the tranny protector within 2 inches of cross member. Only one transmission cross member may be used. Oem cross member must be removed.**
 - j) **Cadillac factory frame extensions used for transmission may not touch or be attached to the new cross member. Frame extensions and the cross member may not be modified or lengthened in any way to accommodate pinning of the frame.**
 - k) **Slider drivelines are allowed and a driveline brake is permitted.**

******only If using STOCK motor mounts the following will apply *** *(ex; cups and pads)**

- l) You may weld a gusset or chain the motor from the motor mounts to the factory engine frame cradle only.
- m) 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 frame. That section that is welded to the frame may not be any thicker than 1/4 inch x 2" x 2" angle, and must be located within the A-arm foot print and be no more than three inches at its furthers point in the front of the A- arm. Official's discretion!
- n) You may also attach a 3/8" chain from the rear of the block to go around the dash bar to keep the motor from going forward.

6. Rear ends:

- a) Any 5 or 8 lug rear end may be used. Rear end may not strengthen body or frame of car in any way. 10 lug rear end will not be allowed.
- b) You may tilt the rear end by lengthening or shortening the trailing arms. Trailing arms must be of passenger car origin and must operate. Original trailing arms may be reinforced but must be OEM origin – or you may use a 2"x2"x1/4" piece of square tubing.
- c) Braces are allowed, but they may serve no purpose other than to strengthen the rear end housing.
- e) Rear End bump stop/frame stop O. E. M only

FOR USE BELOW:

- a) Only one of the following filler materials may be used for exterior seam welding: Up to 1/2" round steel or rebar OR 2" x 1/4" flat strap. **No overlapping of flat strap.**
- b) Doors must be welded, NO CHAINING OR BOLTING

7. Securing:

- a) Bolts no larger than 1/2" X 2" may be used around any hood cut out openings. **These bolts may go through hood sheet metal only and NOT inner/outer fenders.** Must be spaced 12" apart and no more than 3" from the cut out opening. Zip screws are not allowed.
- b) Hood and Trunk lid must be welded or bolted. The tailgate of a station wagon will be treated as a trunk lid.

8. Doors and Windows:

- a) All **EXTERIOR** door seams can be welded with up to 2" x 1/4" flat strap. It is recommended that all exterior doors are fully welded. A screen or netting may be used over driver's side front window and driver's door window only.. No Interior seams are allowed to be welded!
- b) Window openings may not be modified or enclosed in any way with the exception of screen or netting.
- c) You must have 1 window bar in the front. You are allowed up to 2 front & 2 rear window bars or 3/8" chain. Bars may not be bigger than 2" by 2" x 1/4" x 34" long. Bars may only be attached by welding directly to the sheet metal or with a mounting plate no bigger than 4" by 4" by 1/4" angle or plate. Window bars **MAY NOT** be attached to the halo bar or any cage components.
- d) Bottoms of the door window openings only may be welded with up to 2" x 1/4" strap. No other wiring or chaining of any other window openings.

9. Interior Cage & Halos: (See Diagram on last page)

- a) A 4pt cage system only may be used.. If using double bars on doors, bars may not exceed 6" X 5" per bar and must be at least 4" from bottom of door opening and may not be more than 10" from the top of the top bar to the bottom of the bottom bar. No other reinforcement of driver's door.
- b) You may use channel or tubing/pipe up to 6" O.D. for Dash & Rear Seat bars. Side bars can be up to 10" tall x 6" wide channel or tubing.
- c) Seat bar must be no further than 8" behind the seat.
- d) Side door bars may not go past the front dash bar more than 4".
- e) Interior door bars may not be more than 4" behind the seat bar.
- f) Dash bar must be a minimum of 4" away from the center of the firewall.
- g) End plates are mandatory with a max of 10"x10", up to 3/8" thick. If using 6 X 10 wide tubing or channel for interior cage bars, these will be considered your end 10 "plates.
- h) You are allowed a gas tank and tranny cooler protector; these may not be attached to anything other than the back seat bar. On the gas tank/tranny protection side bars, they must be 4" away from any side and inner fender well sheet metal. Rear bar cannot extend beyond the side bars or be closer than 4" from the back seat sheet metal. All interior sheet metal must remain in stock position, unless removed completely. All rear bars may not be any taller than the speaker deck level!
- i) You may add 2 VERTICAL down bars on the rear seat bar only, welded to your door bar and to the floor sheet metal. These bars may not attach to or conceal a body mount.
- j) NO cage components may be welded to the frame.
- k) All cage components must be a minimum of 4" off of any floor pan sheet metal or body mount elevation, and 4" off of tranny tunnel sheet metal.
- l) All cage components must be in the interior of the car, not inside the door structure with the exception of the driver's side. The driver's door bar **MAY** be inside the door structure or on the outside of the driver's door only to allow more room for driver's safety. Driver side window opening seam must be left open for inspection of door bars if using the inside door method.
- m) You **MUST** add a halo bar or an upright post to the cage components listed above. It may not exceed 4" O.D. The cross bar must bolt to the roof in two locations. Halo bars must be in a direct vertical line with the seat bar. They must be vertical. Upright post must have a plate (max 10" x10") attached to the roof, welded or bolted in.
- n) **All bars and posts in the proximity of the driver MUST be padded.**

10. Welding:

- a) No inner seam welding or alterations to strengthen the frame is allowed other than what is specified in the following two rules.

1. Exception is the inner rear floor panels of a wagon. They may be secured by FOUR 4" welds per panel seam. And a min of a 15" inspection hole must be made.
 2. You may weld the entire floor pan seam under the gas and brake pedal. No filler may be used. **NO OTHER INNER SEAMS MAY BE WELDED! THIS WILL BE THE ONLY EXCEPTION.**
 3. Cars with 2 piece fenders may weld ½ of the exterior seam only. (No filler. Call before welding).
- b) Hoods must be used. All **EXTERIOR** hood and trunk seams may be fully welded (ALL FOUR SIDES OF TRUNK LID, HOOD TO FENDER AND HOOD TO DASH) with a 2" x ¼" flat strap or bolted. A seam is defined as two original exterior body to body lines on the doors, hood and trunk and the front dashboard side of the hood only. **No other seams or created seams may be welded.**
 - c) In addition to the weld, two bolts or all thread not to exceed 1" in diameter and two washer's not to exceed 3" in diameter may be placed thru the trunk lid and floor. No trunk lids may be welded to the floor pan. Bolts may go through the frame or uni-body and may replace only 1 body mount and bushing per frame rail in the trunk floor pan area. Washers no bigger than 3 inches may be used.
 - d) No painting or undercoating may be used underneath the car. You may not paint ANY part of the frame or bumper brackets.
 - e) Doors must be welded closed with up to 2" x ¼ "flat strap! It is recommended that all of the exterior seams are 100% welded for safety purposes.

11. **Bolting:**

- a) Instead of welding your hood and trunk you may use 4 bolts to secure the hood and 4 bolts to secure the trunk. If bolting hood or trunk lids you may weld a piece of 3"x3"x1/4" flat plate (2 per seam and no gussets) to the inside of outer fender to bolt to. Bolts may not go through inner fender.
- b) None of these bolts may go thru, around, or touch the frame or uni-body.
- c) Bolts may not exceed 3/4" inch in diameter or 8 inch's in length.
- d) Washers may not exceed 2 inches in diameter.
- e) If using the 1" bolts you are allowed in the hood and trunk they will count as 2 of your 4 bolts.
- f) **EXAMPLE: You may weld the hood and bolt the trunk or vice versa, but not both on the same section.**
- G) Bolts no larger than 1/2"x2" every 12" may be used around the hood cut out opening. These bolts may only go through the hood sheet metal only. NO ZIP SCREWS.

12. **Chain and Strap:**

- a) 3/8" inch chain is allowed to secure front and rear bumpers. Only two chains per bumper may be used. It may loop thru the hood or trunk. Excessive chaining (more than 2 wraps) will not be allowed.
- b) Chains may **NOT** be welded at any point to the frame or body.
- c) You may weld a 3" washer on the top side of the hood or trunk lid to run the chain or all thread through.
- d) You may use on the bumpers, in place of chain up to ¾ inch rolled steel or 2" x 1/4" wide flat strap. May not be longer than 36". No more than 2 of these may be used per bumper. Straps may only be welded up to 8" **TOTAL** on the body and 8" **TOTAL** on the bumper chrome. If bolting hood or trunk, straps cannot be welded to the seam.

13. **Bumpers:**

The intent of the bumper rules is to allow you to mount the bumper in such a way that it will not fall off. Upon inspection if it is determined that you have exceeded the intention of the rules, you will be disqualified.

- a) If using pipe or tubing in place of bumper brackets/shock the max pipe size is 18x3-1/2x1/8. We have the right to drill, frame scope, and inspect as necessary all modification for brackets as we see fit. Must be able to measure wall thickness - end visible (ie) or inspection hole.
- b) One of the following bumper options may be used: (See Diagram on last page)
 - 1- Stock O.E.M. bumpers off of passenger cars may be used.
 - 2- A Maximum 5" by 5" O.D. SQUARE tube may be used, ends may be capped, and may not extend more than 10" from the outside of the frame. No skinning of square tube.

Small plates may be added to mount if needed. Bumper must be straight.

3 – Homemade Pointy Front Bumper will be allowed. They may only be made with 5” x 5” x 1/4” square tubing. If capped a 1” hole must be open for inspection. The point must be 35” wide at the front side of the back tube. The homemade pointy cannot extend more than 10” from the outside of the frame. No Skinning! SEE DIAGRAM

- c) Bumpers may be cut so they do not smash into the tires during the event. Chrome may be welded to the inner bumper box to keep it from separating. Additional metal only may be used internally on all bumpers. No other fill material may be used. Homemade Pointy Bumpers may not be loaded.
- d) Bumpers may be flipped upside down if desired.
- e) Bumpers may be welded to the brackets and the brackets may be welded to the frame only.
- f) Only one bumper bracket per frame rail may be welded to the frame, and may be fastened no more than 14 inches from the front of the frame.
- g) If swapping bumper and brackets:
 - 1- You may use the mounting hardware that was on the car or bumper originally, or one style of OEM bracket and hardware to mount the bumper. One bracket per frame rail. All other hardware or brackets must be removed.
 - 2- Shock tube will be considered the bracket if disassembled from the mounting hardware. If this is done then rule (e) above applies.
 - 3- Mounting brackets or shock tubes may not be attached to the Cordoba type sub or k-frame in any way.
 - 4- If using an Aluminum beam bumper, you may weld your front straps around and to the bottom of the bumper bracket
- h) Compression bumper shock tubes may be compressed and welded.
- i) You may add a 5x 5 x 3/8” flat mounting plate to mount bumper to front of frame. **No other material may be added other than the weld.** Any added metal will be cut and removed.
- j) No chrome may be welded to the body on compression bumpers whether it is using the mounting hardware or not. Non-compression bumpers may weld ORIGINAL bumpers to the body.
- k) No welding of any kind other than what is specified above and straps rule #12 (d) is allowed on the bumper.
- l) Car Bumpers highth 28” to top of bumper max height from the ground. This also applies to pre-ran cars. NO EXCEPTIONS.

14. Frame: Rules A-L apply to the (1979 and older) old iron cars, No other rules under sec 14 apply to 1979 and older old iron cars. All of section 14) applies or may apply to the 1980 and newer cars.

- a) **THERE IS NO WELDING OF OR TO THE FRAME ALLOWED OTHER THAN what is specified in the rules 13 (e), 14(i), 15 (e), 5 (d), 14(j) 14(n) 14(0)**
- b) If you cut the frame for pre-bending purposes, you may not weld the cut back together.
- c) All OEM body mounts (rubber biscuit and cone) and “Pucks” must be OEM position with the exceptions noted in rule 15 (d) and 11(e). You may not remove body bolts and place washers on both sides. You may add 2 body mounts in the position of your choice from the firewall back to the rear bumper. 5/8” bolts up to 8” in length. They must be painted a bright color for easy viewing. Wagons with extra bolts in the humps already will be considered your 2 extra mounts. If you decide to bolt your coil springs in place through the frame and rear package tray, these will count as your added mounts.
- d) No Buffing, grinding, packing, pinning or painting of frames allowed.
- e) Rear humps may be chained with one wrap, but may not be welded to frame.
- f) No Chrysler sub-frame chaining or welding other than K framed cars. See rule J.
- g) No Imperial sub frame swaps allowed.
- h) Old Iron cars may tilt the front frame rails if desired by cold bending only. No added metal, no cutting, welding or re-welding of the frame. All body mounts must remain stock and in OEM position!
- i) **A arm forward top seam only 1 pass ¼ inch thick weld allowed. Anything above what is specified will be disqualified.**

- j) The 4 K Frame pucks may be removed and frames may be bolted directory together using only stock bolt or a 5/8"bolt, 1 washer on each side not to exceed 3" in diameter with 1 nut . In addition you may weld the k member to the frame with a 4" weld (**4 welds total**) All other body pucks need to stay in place unless otherwise explained.
- k) Front edge of frame may not be shortened more than 1" in front of the bottom most front edge of the core support-*no other frame alterations*
- l) No welding washers, Plates, or anything else over top or inside of spring pockets if something is found in this area the car will not run there is no fixing this.
- m) 1980 and newer model cars with coil spring rear ends may add leafs (See Section 21) OR plate the rear frame humps using ONE plate per rail that is no larger than 18" X 4" X 1/4" thick measured in the shape of the frame hump from end to end. Cars that have leaf springs or have been converted to leaf springs MAY NOT plate the humps
- n) For 80's ONLY, if using crush box kickers (see rule below) you will run with the old iron heats.
- o) - The crush box kickers are two straight pieces of 2"x2" pipe or tube that are welded to your front side of your dash bar and go thru the firewall and weld to the top of the frame within 3 inches of the furthest rear point of the A arm. Only one per side and each must have a min 3" gusset on the dash bar side.
- p) 80's cars body mounts may be removed and bolts replaced with up to half inch x 6-inch bolt with max 2.5-inch washer and nut. You may pitch tip or tilt 80s and newer style cars by one of the following three ways.
 - 1. You may cold pitch no added metal
 - 2. You may cut the crush box flaps and pull the front end down moving the flap 1/2 inch and re weld no added metal weld may be no more than factory size.
 - 3. You may cut a pie slice out of bottom half of frame not to exceed 3/4 inch wide and bend the slice back together and the slice may be welded no added metal weld not to exceed 1/2 inch wide one cut per frame rail location of your choice.
- q) On pitch, tip or tile 80's and newer style cars you may use spacer between frame and core support – max 2"x2"x6" – No welding allowed.

15. Radiators & Radiator supports:

- a) OEM automotive type radiators only. Engine coolants are **NOT** allowed. Water only.
- b) Radiators & Radiator supports must remain in the stock location and position, vertically and horizontally. Stock mounting holes/spot welds in the core support and frame must line up. (No added water capacity). No foam filler or adhesive bonds.
- c) Upper Radiator supports may be welded to the hood using a 6-inch weld only **OR** may be bolted with four 1/2" bolts using 1" fender washers.
- d) Lower Radiator support body mount bushings may be removed and replaced with up to a 1" bolt. This bolt may go up through the upper core support and hood to be used in rule #15 (c) above. May not be bent or "U"ed around the frame.
- e) In relation to rule #15 (d) above, body mounts located in front of the core support may be replaced with a 1" bolt. In addition to that 1" bolt, 1"all thread may be used behind the core support a max of 4 nuts per all thread can be used in one of the following ways; a nut may be welded to the top of the frame 1/2" behind the core support OR you may cut a hole 1/2" inch behind the core support to allow for a piece of all thread as described in rule# 15 (d). **Radiator support may not be welded to the frame, bumper, bumper brackets or anything else.** Radiator support must remain in stock location and position and no turning supports around.
- f) Radiator mounting brackets must be OEM or equivalent.

16. Transmission coolers:

- a) Transmission coolers will be allowed. They may NOT be bolted through the frame.
- b) Proper hydraulic, metal or steel braided line must be used.
- c) **Overall safety will be determined by the official at time of inspection.**

17. Gas Tanks:

- a) Original gas tanks must be removed from the car.
- b) You must have your gas tank securely mounted inside the car with a minimum of four fasteners, behind the driver's seat and covered unless you use a fuel cell or metal tank. Seat belts or "pull" type straps may not be used. Fuel Tank may NOT be bolted through the frame.
- c) A maximum of 7 gallons of fuel may be used.

- d) A marine type tank or fuel cell must be used. No plastic tanks will be allowed unless they are mounted within a four sided metal tank protector. Must be ¼" thick minimum.
- e) Fuel lines must run inside car. Original gas line inside frame cannot be used.
- f) If using a gas tank protector, it must NOT EXCEED 6" OD. The intent is to protect the gas tank. Protectors must be within 4 inches of gas tank and may not touch any sheet metal on all cars even pre ran cars. . All rear cage and tank protectors must be below the original speaker deck location. NO FULL REAR CAGES ALLOWED. (See cage rules)

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

18. Battery:

- a) May use up to 2 batteries in your car.
- b) Battery must be securely mounted inside the car in front of the seat on passenger side floor and **covered.**
- c) Battery Box cannot be made out of plastic; Seat belts or "pull" type straps may not be used.
- d) Battery Box may not be bolted thru the frame.
- e) **Overall safety will be determined by official at time of inspection.**

19. Air Cleaners:

- a) You must have an air cleaner over the carburetor all times during the event.
- b) **NO STARTING FLUID WILL BE ALLOWED.**
- c) There must be a minimum of 40 square inch opening cut around the air cleaner in case of a fire. (See rule 20 e)
- d) **Overall safety will be determined by official at time of inspection.**

20. Cut outs and pre-bending:

- a) Cut outs over the wheel wells are legal.
- b) Only bolts no bigger than 1/2" by 2" long, may be used around any hood cut out openings. These must be spaced 12" apart. Maximum of 3 cut outs in the hood are allowed. Maximum washer size is 1.5" diameter. Cutouts may be for header clearance, air breather clearance or radiator fill opening only. These bolts may NOT be installed in any area other than the immediate perimeter of the cut out.
- c) Only three 1/2" bolts with 1" fender washers directly over the tires may be used.
- d) **NO WELDING** of the cutouts is allowed.
- e) If your hood is welded, you must have a minimum of a 30" by 30" hole cut in the hood for inspection. If bolted, hood must be off of car during inspection. Unless the 30 by 30 cutout exists.
- f) If inspection holes & fire holes are determined to be too small you will be asked to cut them larger.
- g) If the center hood cut out is bent forward to cover the radiator it may **NOT** be welded or fastened to the bumper.
- h) No wedging of trunk. Tail light panels must remain vertical.
- i)

21. Suspension and Steering: RULES A-J APPLY TO 1979 AND OLDER CARS, FOR CARS BUILT IN 1980 OR NEWWER RULES A-O APPLY OR MAY APPLY

- a) **No coil to leaf or leaf to coil spring conversions on pre 80's non metric cars.**
- b) **You may change coil springs.**
- c) You may weld, bolt or chain down your A arms. You are allowed either one 1" x 3" by ¼" straps on each side of the A-arm, ****OR**** one chain ****OR**** one bolt per frame rail side. Do not weld entire A arm down, if you are in excess of this rule, you may not run! You may not replace shock with all thread.
- d) Upper and lower front control arms may NOT be reinforced.
- e) Aftermarket/Homemade Tie-rods, Spindles & Draglinks will be allowed.
- f) 9 leaf maximum, 5/16 " max thickness, 2 ½" wide maximum, or if using ANY thicker leaf spring maximum 3/8" thick you may only have a 5 leaf pack, leafs must be of factory autoor light truck origin.
- g) Top leaf must be mounted to either the shackle in the original position or within 3" of the original shackle frame bolt hole if hard mounting to the frame use two pieces of flat stock to replicate a shackle.

- h) 2" Stagger – each leaf below the main must be 4" shorter than the previous leaf spring. This will give you a 2" stagger on each end of each leaf. 2nd spring under the main is to start no longer than inside of curved eye socket of main leaf. 4 clamps per leaf spring, 2 in front of the axle, 2 behind the axle. This includes factory clamps. Clamp material 1/4" thick, 2" wide, 2 – 1/2" bolts per clamp.
- i) No welding of the leaf springs on the spring pack. No flat sprung cars - leaf pack must have a minimum of a 2" arch. No duct taping of springs. Nothing on top of the main leaf spring.
- j) After market steering columns and tire rods allowed. **NO HYDRO STEERING ALLOWED**
- k) Coil to leaf spring swaps are allowed. A 54" minimum spring length measured from eye bolt to eye bolt when adding leaf springs. No flat sprung cars - leaf pack must have a minimum of a 2" arch. You may use 4" max hangers when building homemade leaf spring mounts. **MOUNTS MUST RESEMBLE OEM FACTORY MOUNTS.** May only be mounted to one side or bottom of the frame but not both.
- l) You may use the ZTR type rear end coil spring conversion kit but:
 - 1 - Upper Brackets may be no thicker than 3/8" and no wider than 3"X4".
 - 2 - Lower Brackets may be no thicker than 3/8" wall x 3" X 4" long.
 - 3 – All rear upper and lower factory trailing arms may be reinforced
 - 4 -Lower trailing arm must be mounted on frame within the original stock WATTS lower trailing arm bracket hole.

*******For 03 and newer Fords*******

m) If using the factory Aluminum cradle it may not be reinforced in any way with the exception of a single 4"x1/4" piece of plate mounted only to the top of the aluminum cradle from frame rail to frame rail, this option may be welded to each frame rail with a 4" weld. Or you can swap it out with a Johnson bolt in cradle or equivalent as long as it's using a 79-02 ford passenger car cross member, the cross member cannot be reinforced and must weld or bolt on the frame in the factory location and position. No other cradles may be used. Example you may not use a Chrysler sub frame, truck cross member, square tubing etc. The 79-02 cross member/cradle may be installed one of two ways not both.

- 1 - Welded in with 14" per side of total welds in factory location and position.
- 2 - Bolt in using the 4 original cradle bolts. You can use bent steel or angle no longer than 14" from front to back welded to the outside of a Stock OEM steel cradle. This option cannot be welded to the frame and may not connect any of the steering components together other than where the control arms bolt on.
- n) The cradle must have the stock bracket for the lower control arms front mount to bolt on.
- o) A 4"x12" bracket may be bolted to the frame using the stock 3 bolts to build a hanger to hold the rear mount of the lower control arm. This bracket may not be welded to the frame at all. It may not be used in any way to strengthen the frame or steering in any way.
- p) Upper control arms, spindles & steering must still bolt on using the same method as the aluminum parts.
- q) You are allowed to weld four 5/8" or less bolts or tap your frame for 5/8" bolts to mount your steering gear box to the frame. If you want to mount your steering gear box in a different way you must call for approval. 801-367-4437

Juab County Fair Demolition Derby

Rules for Previously Run Cars

The following rules apply to previously run derby cars only. The intention of these rules is to help you make your pre-run car competitive with fresh cars. The idea is to repair damaged areas only and return the car to as close to “ORIGINAL” condition as possible. This is not an opportunity to plate or reinforce your car! If we feel that you have pushed the limits of these guidelines, you will not be able to compete! Inspection officials will use discretion and all decisions will be final. Call and ask before you fix something that is not outlined in this section. Just because it doesn't say you can not do it, doesn't mean you can. Call first! Absolutely **NO ADDED METAL** other than what is specified below!

1. GENERAL. You may make any change or modification that complies with the full set of rules for the Juab County Fair. (Add all-thread, strap, and bolts; weld doors, etc...if the car was previously run somewhere that does not allow these things.) There are certain rules and items that are **MANDATORY** for this show, so make sure you read the rules completely. Call if you have questions. Keep in mind that you may have to cut welds, bolts and/or make other modifications to be in compliance with the rules.

2. SAFETY. You may patch any hole in the doors or floor of the car for **SAFETY ONLY**. You must use sheet metal only, and your patch may only be 2” larger than the hole you are patching. Safety will be determined by inspection official at the time of inspection.

3. STEERING/SUSPENSION. .

Leaf spring cars may NOT replace leaf springs prior to either the grudge match or the main event. NO HYDRO STEERING

4. FRAME REPAIRS. Pre-run cars are allowed to repair up to 6 damaged areas of the frame. You may use only **ONE** patch that is 6” x 4” x 1/4” thick plate that is in a rectangle shape for **EACH** repair. A total of 6. The patch may only be placed on the part of the frame that is damaged. There must be a clear visible sign of damage from a previous derby. (Tear, crack, or extreme bend). This will be reviewed by the official at the time of inspection. The patch must be placed **FLAT** on the top, bottom, inside or outside rail. It **MAY NOT** be welded and folded over from one side to the other. May not be welded to any other part of the car (Body, bumper, bumper bracket, core support, inner fender, all thread, etc...) Patch may be welded only! **NO BOLTS!** No other frame welding will be allowed! All other repairs made to the frame will be cut and/or removed. Other than what has been specified, ANY added metal or oversized filler material on the car will be cut and removed completely. Call with questions.

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

Juab County Fair Demolition Derby **2019 TRUCK CLASS RULES**

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. Any fiberglass roofs or shells must be removed and car stripping rules do apply.
3. A 4pt cage system must be used. 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 3/8" thick. Also for the purpose of protecting your battery you are allowed one 6" X 6" down bar connected only to passenger side door bar and dash bar - must be 4 "off of the floor sheet metal. In addition, you may have up to an 8 "gusset to each bar from down bar. (Must not be welded to the floor)
4. The bar in the bed of the truck must not be further back than the front of the wheel well. Dash bar must be a minimum of 4" away from the center of the firewall. All cage components must be a Minimum of 4" off of any floor pan sheet metal or body mount elevation, and 4" off of the Transmission tunnel sheet metal or 4" off the floor in the bed of the truck.
5. 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.
6. Your gas tank (7 Gallon Max) must be mounted in the front and center of the bed. Must be made of steel or in a steal box with cover. You may run two gas tank protector bars from the rear bar in bed up to the top halo bar, but again you must use the 4" OD rule.
7. **Distributor protectors, mid-plates or full engine cradles are not allowed.**
8. 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.
9. 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.
10. 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.
11. Driver's door and door posts near the driver must be padded.
12. All exterior door seams must be welded. Side window openings at the bottom of the window may only be welded with up to 2" x 1/4" flat strap.
Hood seams must be welded (HOOD TO FENDER AND HOOD TO DASH ONLY)
13. Beds **MUST** be welded to the cab with up to 4" x 1/4" flat strap.
14. A secure net is mandatory for the back window of single cab trucks to prevent whiplash.
15. All tail gates must be fully welded.
16. Only two-wheel drive may be functioning.
17. Front/back bumpers may be switched using a oem car or 3/4 ton or less bumper or you may use a homemade bumper following the diagram provided. If truck has a beam type bumper it may not be welded to the body. You may weld a "tin" type bumper to the body. 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. (call if you have questions) Also you may add two 2" x 1/4" 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.
18. **No inner seam welding other than the driver side floor and firewall sheet metal**
19. Any engine/transmission combination may be used as long as they are within 5" of the stock Motor location. No motor mounts may be used to strengthen the frame. Car engine cradle rules do apply. If your truck did not come with a cross member you may add one for the sole purpose to mount your engine to. The cross member must be less than 8" in width and must be a stock cross member out of a 3/4 ton or less pickup. The cross member must also be 14" away from any other

cross member or bridging of any type from frame rail to frame rail or you may not add one.
CALL IF YOU HAVE A QUESTION 801-367-4437

20. Bumpers and brackets may be welded to the frame. No frame seam welding is allowed.
21. If the rear bumper is removed, the tailgate may be lowered and secured to the frame and body. **All ends of frame rails must be covered.**
22. 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.
23. A bar must be installed in the front window from the cowl area to the roof.
24. No complete bed wedging, or suburban "sedagoning" allowed. Call if you have questions.
25. To prevent serious injury, no exposed frame rails will be allowed.
26. 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 stock spring brackets.
27. You may add one single strand 3/8" chain from your door bars to your frame inside the cab (one per side)
28. If radiator is used it must be in original location and may only use original or equivalent mounts to hold it in place.
- 29) Front axle must be stock/ oem 3/4 ton pickup or less. Must have oem ball joint housings. Axle steering components must be one of the two options. Option 1) All oem 3/4 ton or less but may be reinforced with two 1"x1"x1/8" pieces of angle iron. Option 2) you may use equivalent to oem aftermarket steering arms and tire rod ends but they cannot be reinforced. HYDRO STEERING NOT ALLOWED.
30. Bead locks, valve stem protectors, weld in centers, lower engine cradles, pulley protectors, front plates, gas/brake combos, all are ok. Gas/brake combo may not exceed 12" long(on the floor pan) x 14" wide and may not be bolted to the frame.
31. Frame may not be shortened more than 3" or to within 1" of original core/radiator support.
32. Core/radiator support must be in original location.
33. 1/2" bolts ever 12" may be used around the hood cut out in addition you may use two 6" welds or three 1/2" bolts from your hood to your core/radiator support. None of these bolts may go through your inner or outer fenders.
34. You are allowed one 1" bolts/all thread from your hood to your frame per side also at the rear of your bed to your frame.

CALL WITH QUESTIONS. 801-367-4437

**OVERALL SAFETY IS OUR GOAL AND WILL BE DETERMINED
BY THE TRACK OFFICIALS!
Safety Non-Negotiable**

- **At least 4" OD for interior bars – dash, seat and door bars are mandatory**
- **Pad interior bars**
- **Must be in the inspection line by 4:00 – mandatory**
- **Let inspectors know if you are running alcohol (in your car)**
- **Absolutely no alcohol allowed (in you)**

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 ½ 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 cars 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-faced** crash helmet. (No add on chin guards). **Eye protection is required.** Neck braces are highly recommended.
- 10- **NO** pit crewmembers 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 reason 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. Un-sportsman like behavior will not be tolerated and will result in disqualification and removal from grounds.
- 18- **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!!
- 19- 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!
- 20- Drivers must compete in their respective qualifying heat to be eligible for the consolation, grudge match and Main Event.
- 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 car to be inspected before 4:00 p.m. Cars will be impounded upon passing inspection. Make sure your car is race ready when passing inspection. The exception will be after your car 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 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- \$50 entrance fee includes driver (Shirt) and 2 pit member. 2 additional pit passes can be purchased upon your car passing inspection for \$15.00 each pit pass.
- 25- Driver and Pit Crew **MUST** sit in designated seating area while watching the derby. You will be asked to leave if you are sitting or standing in isles or grandstands.

PROTEST RULE:

- 1- If you wish to protest a driver's car you must:
 - a. Pay **\$200** cash to the head official and state your protest. Only a registered driver participating in the event may protest.
 - b. Be specific on what you are protesting (you cannot protest the entire car).
 - c. If the protest is found to be true, you receive your \$200 back and the violating driver will be disqualified.
 - d. If the protest is not substantiated by the Head Inspector, you lose your \$200 and the driver being protested receives the \$200.

Miscellaneous:

- 1- No obscene words or graphics on the cars.
- 2- Any decorations that are used must be made out of cardboard or foam.
- 3- Be advised that by participating in this event you and your car may be filmed. You consent to the use of your image, likeness, voice and actions for photo, video and print use, sale and marketing without remuneration from the event organizers and sponsors of this demolition derby.

Feed back:

- 1- We encourage all feedback good and bad, but please do it in an adult and respectful manner. Please call or send your comments to us.

**RULE QUESTIONS ONLY:
TEXT PREFERRED**

Gary Fowkes 801-367-4437

For more event information, registration or questions please contact:

**TICKETS & REGISTRATION QUESTIONS Call - Jamie: 435-623-3454
Purchase Tickets Early. SELL OUT CROWD Tickets on Sale April 1
REGISTER ON LINE www.juabcountyfair.com after April 1st**

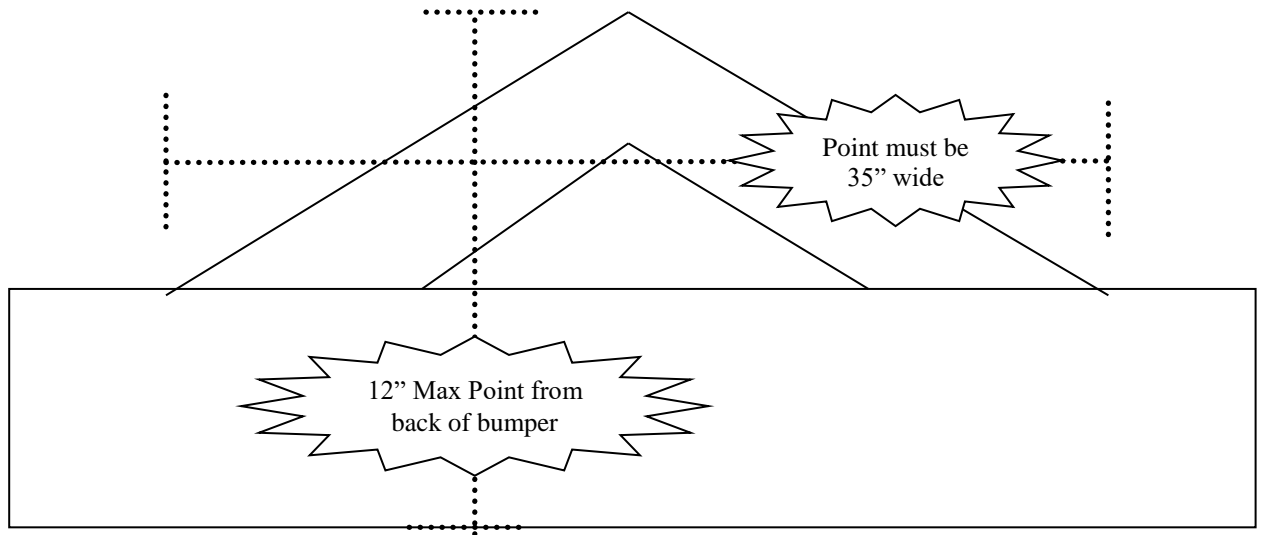
**Past Juab Drivers registration open March 1st-2018
Open Registration April 1st 2018**

If we do not answer your call, please leave a message and we will get back to you ASAP. Usually after 5pm. Please know that we work, but will do our best to return phone calls in a timely manner.

You can also send us an email: juabcountyfair.com

Pointy Bumper Example: (Only 5" x 5" x 1/4" thick square tubing may be used)

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



SAMPLE CAGE BUILD:

