



## 38th Annual Demo Derby Rules Trucks

### General

ENTRY FEE– \$125.00 + 5%GST, For your convenience, you can pay the entry fee by: e-transfer to: [payments@agsociety.com](mailto:payments@agsociety.com)

**Prize Money:** Total Money To Be Won \$6500

1st \$2000 + Trophy

2nd \$1000 + Trophy

3rd \$500 + Trophy

**Best Dressed** - \$250 + Trophy

**Most Aggressive Driver** - \$500 + Trophy

**Hardest Hit** - \$500 + Trophy

**Best Rookie Driver** - \$250 + Trophy

- Call our office at (306) 445-2024 to pay with credit over the phone or by credit card payment through Paypal.
- Drivers must be at least 16 years of age.
- Helmets of bell design, ULC approved, or approved by another reputable testing firm, **MUST** be worn.
- Driver and vehicle will be disqualified if either the driver or his/her pit crew is under the influence of drugs or alcohol.
- The 60 - second hit rule will remain in effect which means every driver must make at least one, **AGGRESSIVE** hit within a 60 second time frame. In the event of a fire, the demo will be stopped to extinguish the fire. Once the demo commences, the drivers will have 60 seconds to get their vehicle running and re-engage by a hit. Your vehicle's second fire in a heat will put you out of the heat. No SANDBAGGING! Only **AGGRESSIVE** driving and hitting will be accepted.

- **NO GANGING UP ON ONE SPECIFIC TRUCK** - multiple trucks **CANNOT** gang up on one specific truck by hitting or pushing them out at the same time. This specific rule will be discussed at the driver's meeting day of the derby.
- A driver's flag will be lowered if:
  - He/she is pushed out or hung up on the tire pit for 60 seconds.
  - Disqualification occurs in a heat if a WHITE DOOR is hit with the intent or made with disregard of your fellow drivers.(At the discretion of the flagman)
- The spectators appreciate a **fast, hard hitting**, and organized derby! The packed grandstand every year is a strong indicator! Hopefully, your chance at the prize money will compensate for any hard feelings that might be incurred. This means showing up with your car ready to Rock! Don't show up with your car not finished because this just wastes everyone's time.
- The organizing committee reserves the right to disqualify any participant or his/her pit crew for any reason it sees fit, and it may retain fees in doing so.
- This is a 1 heat maximum of 10 trucks.
- There will be a driver's meeting on the day of the derby. **Derby Trucks will all be teched on the trailer.** Trucks must come to teching area to be teched.
- **IF IT DOES NOT STATE IN THE RULES IT'S ALLOWED, THEN IT IS NOT ALLOWED. Any questions please be sure to contact one of the techs.**

## GENERAL

- ½ ton and ¾ ton trucks allowed, NO 1 tons or 1 ton frames, no small trucks, no 4x4 trucks, no 4x4 frames
- Suburbans, or equivalent full-size SUVs also permitted
- Must have working brakes! Brake test will be mandatory before inspection to ensure pit crew and spectator safety in the pits
- The safety for spectators, officials, drivers and Pit crew is our main concern. Fire, flying debris and impact injuries are also a concern so please keep this in mind when building and working on your vehicles
- **Hood off inspection only! No Exceptions! Hood must be with truck for inspection**
- If there are any discrepancies in your build you will be given **ONE** opportunity to repair your truck. If you are unable to make the changes requested you **WILL BE LOADED** and your entry will not be refunded!
- There will be no welding on any truck except where the rules clearly state
- There will be no reinforcing except where the rules clearly state
- If it does not say it is allowed, then it is most likely not

- We understand there are differences in everyone's builds! Everyone builds are unique in their own way!
- A re-inspection will be done before any truck advances, and/or any prize money is distributed! Trucks can be cut off by officials, if needed`
- Head Inspection judge can and will disqualify and truck found to have direct rules infractions
- Seat belts are mandatory; a lap belt is the minimum requirement!
- Helmets, eye protection, and long pants are mandatory! Sandals may not be worn while driving!
- Drivers compartment padding is strongly recommended!
- Driver Door Hits Are Illegal! If deemed careless or intentional by officials, you may be disqualified. If you use your door as a defense, then HANG ON!

### **MANDATORY STRIPPING OF TRUCKS**

- -All interior must be removed including the complete dashboard. Everything other than driver seat and seat belts
- -Remove all glass, lights, mirrors, and hardware
- -Remove all body trim, hub caps, and exterior ornaments
- Remove fuel tank-
- -Remove trailer hitch and mounting components
- -Remove compete interior with exception of front seat
- Your truck must be clean of all debris and loose objects, broken glass, including in the box

### **DOORS AND DOOR REINFORCEMENTS**

- We allow almost any cage built around driver from sturdy, easily assembled material
- Interior and/or exterior door bars are accepted
- Both drivers and passenger doors MUST be reinforced with channel iron. or box steel. NO Grader Blades and I-Beam Allowed
- 2" x 6" is min, 12" max width, 76" max length
- Exterior bars must be beveled
- Exterior bars must bolt through entire door, post, and box; not just outer skin
- Front dash bar and rear cross bars are mandatory, max size is 6" OD
- Dash bar may have 2 down bars bolted or welded to the floor. Max 2" x 2" square tubing. Can NOT attach to body mounts or frame in any way. Max 4" x 6' plate on bottom. Front down bars cannot be mounted more than 2" past the front door seam
- Interior cage may be welded in place with a maximum of 16" of weld (Four spots at 4" of weld). Interior side bars may not extend past the front crossbar and only 6" past rear cross bar. Rear cross bar can be a max of 8" from the driver's seat, in an extended cab or crew cab type truck, including suburbans, or max of 8" from the front of the box in a regular cab truck
- Exterior door bars may extend 8" past the front fender seam. With a maximum if 76" overall

- Floor to roof head bars are mandatory but cannot attach to frame or body mounts. You may run 2 of these
- Halo bars are acceptable. Halos may be bolted or welded to the floor but can NOT attach to frame or body mounts in any way. Max 4" x 6" plate on bottom side. May also be from front to back, attaching to front crossbar, going over the cab, then attaching to rear crossbar
- Gas tank protectors are allowed, but must be attached to the crossbar only. Max width 36" OD
- All doors must be securely fastened shut by means of bolts, chains, clamps, etc
- Doors may be welded shut 6" weld, 6" no weld, no exception. The no weld space must be 6" if less weld is used. Filler may be 2" x 1/8" flat bar or 1/2" round bar. If seams were fully welded for a previous show you must cut the entire seam weld out every 6". No slice cutting will be allowed! Only exterior seams may be welded

## ENGINE

- Any engine may be used in any truck, but must mount within 4" of original mounts
- Headers or exhaust manifolds are mandatory
- Mounting of engine must not strengthen the truck in any way
- Lower engine cradles will be allowed with NO front plates. Pullet protectors will also be allowed. No use other than what it is made for is permitted. Max 5/8" thick. Cradles cannot extend more than a few inches past the ears on the block where it mounts.
- Lower motor mounts can be welded to the engine saddle (spacers are acceptable). Must bolt to the cradle. Aftermarket mounts may be used but NO solid mounts. Every motor mount must have rubber bushing between cradle and frame
- You may chain engine
- You must run an air cleaner
- No skid plates
- No starting fluids allowed

## TRANSMISSION

- You may use any type of mounts
- If not using a factory cross member, you may use 2" x 2" square tubing
- Any type of coolers are acceptable, but must be securely fastened in passenger compartment
- 3/4" hose attached to fill tube is recommended
- Metal or braided lines must be used. No fuel or low pressure hose allowed
- Any type of shifter may be used but must not strengthen truck in any way
- You may use a transmission protector/brace but **must not act as a kicker in any way!!** Floor must be cut out clearly around
- Protector may only attach to transmission and only to protect the upper half of tranny
- You may only run protector if at least 3/4 of top of transmission is visible
- If deemed you are using it as a kicker it will be removed, or you will cut the firewall and floor cut out!!
- No aftermarket bell housing or steel tails shafts will be allowed. ie- transmission case must be stock

- Any type of driveshaft is acceptable

## **REAR DIFFERENTIAL**

- Diff swaps are allowed but must use stock mounting brackets
- You may weld stock brackets to housing if doing a swap
- No added brackets allowed
- Max 8 lug diff allowed. Must be stock to the truck, or stock to a truck that is legal to compete
- Diff may be welded for a posi, or a spool may be used

## **REAR SUSPENSION**

- 10 leaf max, must have a minimum of 1" stagger
- 3/8 max thickness, 2 1/2" max width
- No extended or reverse spring shackles. No bolt on overload springs
- Stock style shocks only
- No flat sprung trucks
- Coil springs may be bolted, tied, or welded to differential
- Coils may be doubled and clamped, chained, or wired together, but NOT welded together. Only welding to housing
- 4 leaf clamps per side max
- Spring hangers can be welded to frame

## **FRONT SUSPENSION & STEERING**

- Any steering column is acceptable
- Steering u-joints are allowed
- All steering must remain stock, or stick replacement to the original manufacturer. (ex: big box store part only to replace Ford to Ford, GM to GM, or Dodge to Dodge)
- Coil springs spacers are allowed
- Center link may be lowered
- Any pump is acceptable

## **FRAME**

- No frame reinforcements will be accepted other than where stated
- Frame repairs: Only to repair rotted out frames, pre-run trucks, or repair at derby
- Plate size is 6" x 6" x 3/16"
- 6 plates per frame rail, for a maximum of 12 plates per truck
- A repair must be visibly required before its allowed
- No overlapping plates, however they may be placed side by side. If you cut a plate, you may NOT use the other piece cut off elsewhere
- You can add additional support to the front of the truck. Max side is 2" square tubing. Must be located entirely inside the engine compartment, behind rad support, under the hood, and may

not stick out more than 3" past the outside edge of the radiator. On each frame rail you may weld one 2" square tubing to the top of the frame, vertically. You can then put a 2" square tubing kicker off that one, back to the frame rail. Must all be in front of the control arms. Maximum of 2 contact points on each frame rail

## **BUMPERS**

- If you choose to hardnose your bumper you may use 6" x 4" x 1/4" thick bumper plates. They can be used to replace original brackets and shocks. One or the other only. Plates may be welded to any side.
- Top, bottom or either side. If you choose to cut the plate you can only use 1 piece, not 2
- You may use 6" x 4" x 1/4" thick plating to square off the front edge of your frame to make it easier to mount your bumper. May also consist of ONE 12" long piece bent at 90° to cover the front of the frame and act as your bumper plate
- Front frame may be shortened up to the first body mount, but the rad support must remain in stock location
- Bumper swaps are allowed
- You may trim and flip your bumper
- Car bumper is allowed on the front of the truck, and only the front, but can only extend 2 inches past either side of the frame rails
- If using a car bumper, you may pinch and weld the outer chrome skin to the back internal structure of the bumper. End to end with no added material. Ends and holes **CANNOT** be filled or capped. Chrome skin must remain unwelded on the ends to allow inspection from each side of the bumper
- Truck front bumpers can be overlapped, and bolted or welded together. NO ADDED MATERIAL TO BE USED
- No loaded bumpers
- You may weld bumper to stock brackets and brackets to frame. Car brackets/shocks will not be permitted
- Bracket to frame welding can only reach 10" from front of frame to the back
- If using a rear bumper, it must stay in the factory position, with the factory mounts. It must be a factory bumper
- Max 22" to bottom of front bumper
- Bumpers may be chained with one loop of 3/8' chain to hood, core support, or tailgate

## **RADIATOR & CORE SUPPORT**

- Radiator core must remain in stock position
- Any fan is allowed
- 2 rad support spacers are allowed, 4" max length

- No supplemental cooling devices are permitted
- No antifreeze
- The rad support bracket that you run all thread through can be welded to the frame. **This DOES NOT include the rad support. NO** welding of the rad support will be tolerated

## **FUEL SYSTEM**

- No plastic fuel tanks• 7.5 gallons max capacity
- Original tanks must be removed
- Tank is to be securely mounted behind driver's seat, or in the front of the box and securely fastened
- Any type of gas pedal is allowed
- Automotive pump gas only
- Any type of fuel is allowed
- Electric pumps must have a clearly marked shut off switch
- All fuel lines passing through any panels must be protected
- Tank must not reinforce the truck, either before the derby, or after the truck has bent

## **TIRES & BRAKES**

- You may run any type of air-filled tire. Max 14 ply
- Max wheel size is 16"
- Weld in wheel center will be allowed. Max 8" centers
- Flapper tires are allowed. Double tires will also be allowed
- No split rims, studded tires, solid or filled tires allowed
- No homemade rims allowed
- Valve stem protectors are permitted
- All wheels weights must be removed
- Any type of braking system or configuration is allowed
- If using floor mounted pedals, they must not strengthen truck at all or will be cut
- Any size wheel nuts are allowed

## **BATTERIES**

- You may run a max of 2 x 12V batteries
- Must be securely fastened in front of the passenger seat
- Batteries must be covered with floor mats or equivalent, unless gel batteries
- Must be in a secure battery box
- Box must not reinforce the truck, or be attached to the frame in any way

## **HOOD & BOX**

- Hoods are mandatory
- Must have hole to extinguish fire
- Bumper straps will be allowed. 2" x 1/4" can be welded or bolted to bumper, and hood skin or core support, **NOT** fenders. May be welded to washer over front hood pins, or have a hole in them and laid over front hood pins. **May not cross over each other.** Max 36" length
- Bumper straps will also be allowed from the rear bumper to the tailgate, following the same rules as above
- Hood must be bolted, chained, or fastened in a minimum of 6 places, maximum of 8. including pins through front body mounts
- Max washer size is 8.5" x 6.5"
- 2 may attach to the frame through original body mount
- Max redi-rod size is 1-1/4"
- You may use two pieces of 2" x 2" angle iron 6" long welded to body & hood then bolted together with 2 bolts. Max bolt size 3/8". Angle iron may not be welded across the seam
- You may use 20 bolts, 3/8" max in size to bolt hood skins together
- Tailgate and box sides must be vertical at the start of the derby. This means no folding the sides of the box down.
- The front of the box must be bolted to the cab of the box in at least two places
- The box can have an additional 4 point of hold down to the frame, besides the factory bolts. Max size of plates are 14" x 8". If factory bolts are replaced, they **MUST** be of factory size
- You can bolt the box sides to the box floor using angle iron. Max 4 spots per side, 8 spots total in the box. Maximum 2" angle iron, max 2" long. Maximum 3/8" bolt
- Wheel wells can be bolted to the box floor in the same fashion as stated above. Max 2 holds down per wheel well
- The tailgate can be lowered. The tailgate can **NOT** be welded to the frame in any way, however you may have 2 of the additional 4 hold down points to the frame as stated above bolted to the tailgate. It can be welded, chained or bolted to the box (sheet metal only). **IF WELDING, YOU CAN USE 1/2" ROD AS FILL, NO FLATBAR ALLOWED.** You can use 2" angle iron vertically to attach the tailgate to the box sides. If using angle iron, it has to stay inside the box, **NO WELDING ANGLE IRON ALLOWED HORIZONTALLY ON THE BOX FLOOR**

## **BODY**

- All mounts must remain in place and stock except where all tread passed through
- Any body bolts that are replaced must remain factory size, with the exception of 2 cab mounts. Any 2 cab mounts may have the body mounts removed and replaced with 1" all thread through the floor of the cab. However, must have spacers equivalent to stock to remain can separation from body. **DO NOT** suck cab down tight to frame
- Wheel wells may be trimmed
- Fire wall may be cut out
- Any creasing of body is allowed

- 8 bolts per wheel are allowed. Max size 7/16" with max 2" washer
- Rotted out floors may be replaced with same thickness material and tacked in place
- 2 vertical front window bars are allowed with 2 horizontal bars across. Minimum of 1 front window bar
- 2 rear window bars are allowed
- Window bars may be bolted or welded. If welded no more than 6" of weld per end
- It is mandatory to have something behind driver's head to prevent your head from going through the back window
- Trucks may be painted one colour. Driver's door must be painted white.