

YORKTON EXHIBITION DEMOLITION DERBY 2024

8 Cylinder Car Rules & Regulations

GENERAL

- This is a spectator sport!!!!!! Absolutely NO SANDBAGGING!!!!!! NO TEAM DRIVING!!! 1 WARNING THAT'S IT!
- The safety of 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.
- Open to any make or model except the following!
- NO convertibles, T-tops, Ambulances, Hearses, El Caminos, Rancheros, 1973 and older Chrysler Imperials. This includes Imperial sub frames! No 1970 or older Lincolns.
- **Head Tech's decision will be final!!!!**
- If there are any discrepancies in your build you will be given ONE opportunity to repair your car. If you are unable to make the changes requested, you WILL BE LOADED and your entry will not be refunded!
- If you have any questions do not hesitate to call or contact for confirmation.
- Do not come to inspection if your car is not race ready
- There will be no welding on any car except where the rules clearly state.
- There will be no reinforcing except where the rules clearly state.
- If it does not say it's allowed then it's most likely not.
- We understand there are differences in everyone's builds! And everyone's builds are unique in their own way!
- A re-inspection can be done before any car advances, and or any prize money is distributed!
- Head inspection judge can and will disqualify any car found to have direct rule infractions.
- Seat belts are mandatory, lap belts are the minimum requirement!
- Helmets, eye protection, long pants, long sleeves are mandatory! FR coveralls are suggested
- Driver's compartment padding is strongly recommended!
- Driver's door hits are illegal, if deemed careless or intentional by officials, you may be disqualified.
- Working brakes are required and will be checked!

DURING THE EVENT

- Driver/Vehicle must make an aggressive hit every 90 seconds on a live car or will be disqualified. If you use your driver door as shield do not whine that someone hits it! If it is down to 3 remaining paying position cars, we will split them if both cars are actively moving and hitting. Last hit rules apply if only one car is actively trying to move again.
- Do not exit vehicles at any time during a heat, the only exceptions are if the vehicle is on fire or has rolled. If you decide to get out during a red flag, don't walk, if you think the show should be stopped for you to walk off the track, we will DQ you the rest of the day.
- ALL ROLLOVER VEHICLES WILL BE DISQUALIFIED for remainder of the heat. Contact Terry Heddon for additional information/questions (306)621-6250

Mandatory stripping of cars:

- Remove all glass, lights, lenses, mirrors, and hardware.
- Remove all body trim, hub caps, and exterior ornaments.
- Remove the fuel tank.
- Remove trailer hitch and all mounting components.
- Remove the complete interior with exception of the front seat.
- Your car must be clean of all debris and loose objects, including in the trunk area.

Door and Door reinforcements:

- We allow almost any cage built around the driver from sturdy, easily assembled material.
- Interior or exterior door bars are accepted.
- driver's door Must be reinforced with channel iron, or box steel.
- 2"x6" is min,12" max width,78" max length.
- Exterior bars must be beveled.
- Exterior bars must bolt through the entire door or post, not just outer skin.
- Interior cage may be welded in place to the floor, can NOT be connected to frame, or reinforce the car in any way. interior side bars may not extend past the front crossbar and only 6" past the rear cross bar.
- Outer door bars may extend 8" past fender seam.
- If running outer door bars, hard top cars may also run a Max 10" inner door bar on the passenger side.
- Hard top cars may add a bar to act as a b-pillar.
- Floor to roof type head bars are mandatory. You may run 2 of these. Halo bars are acceptable.
-They must go straight up through window opening up and over the roof from door bar/seat bar. May be bolted or welded to rear seat/cross bar and door bars. Must be no further than 6" away from b pillar. May be 6" diameter tubing or 4" square. May not be angled back to add more strength to the roof. May be contoured to roof shape. Must be bolted to roof in 3 spots with max 4" washers and max ¾" bolts. No bars extending forwards or rearwards off halo. May have a total of 7 bolts to attach halo. May bolt to the b pillar.
- Gas tank protectors are allowed Min 6" off of floor mounted in middle of car seat ,max width 24" x 24" wide max and 20" tall. Cannot be attached to anything but the seat bar.
- All doors must be securely fastened shut by means of bolts, chains, clamps, etc.
- Doors may be welded shut. Filler may be 2"x3/16 flat bar or 1/2" round bar.
- Front dash bar and rear cross bars are optional, 4"x4" max square or 6" round. Minimum of 2" diameter May attach dash bar to the firewall using 2 - 3"x1/8" strap with 3" of weld on dash bar and 3" on firewall per strap.
- Dash bars may have 2 down bars bolted to the floor pan but cannot be attached to the frame in any way!!!!

Engine:

- Any engine may be used in any car but must mount within 4" of original mounts.
- Headers or exhaust manifolds are mandatory, no header protectors allowed
- Mounting of the engine must not strengthen the car in any way.
- No full engine cradles. lower cradles that are bolted to the frame are allowed. No pulley protectors, skid plates or pan protectors.
- Mounts may be welded into the car, and you may add light bracing, but the engine must be bolted to the mount.
- You may chain the engine.
- You must run air cleaner. No starting fluids allowed.
- No distributor protectors.
- Firewall may be cut, any holes in firewall must be covered to prevent fire from entering the cab. Tin, rubber floor mat etc. may be used.
- No custom rads. aluminum race rads are allowed.
- 2 rad support spacers are allowed. Maximum 6" between top of frame and bottom of rad support.
- No supplemental cooling devices are permitted.
- No antifreeze.
- Any fan is allowed.

Transmission:

- You may use any type of mounts. If not using a factory cross member you may use maximum 2"x2x1/4" square tubing.
- Any type of coolers is acceptable but must be securely fastened in the passenger compartment.
- Any type of shifter may be used but must not strengthen the car in any way.
- Any type of drive shaft is acceptable.

- Transmission housing must be of factory OEM supplied origin, no aftermarket cases such as JW. No aftermarket bell housings or tail shafts, no trans protectors. May use a bell housing adapter plate, such as bop to chevy mount. Must contour to bell housing size only.

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 bracing allowed.
- Must be of passenger car origin, 5 lug max.
- You may lengthen or shorten trailing arms but no reinforcing.

Rear Suspension:

- No extended shackles.
- Stock style shocks only.
- No welding of spring packs.
- No flat sprung cars.
- 98-Newer Vic can run the WATTS conversion kit but must be mounted as close to factory as possible (one pass weld)
- 4 leaf clamps per side max.
- Coil cars may not be converted to leaf cars.
- Rear coil springs may be welded or chained, not both, can be clamped or doubled for ride height

Front Suspension & Steering:

- Any steering column is acceptable.
- Steering u-joints are allowed.
- All steering from box to wheels must remain stock.
- Suspension components must remain stock, to they year make model of the car
- Coil spring spacers are allowed.
- Center link may be lowered.
- No reinforcing or pre chaining/bolting of steering or suspension.

- Any pump is acceptable.
- You may weld upper control arms to frame with 2"x4"x 1/4" flat bar straps, 2 straps per arm.

Frame:

- You may close Y frames on Mopar cars by welding tops and bottoms closed 3/16 gauge steel , no added material in Y's.
- Frame repairs: Only to repair rotted out frames, pre run cars or repair at derby **MUST BE APPROVED PRIOR TO DERBY.**

1 frame repair patch per rail if must be APPROVED cannot repair both sides of the frame rail . Plate can be made out of 3/16 x 3" wide 6" long

- You may weld a 1/4" thick by 22" hump plate (measured 22" on top contour), contoured to the hump, centered with one pass of 3/8" weld to the outside only no plug welding, matching the factory hump. DO NOT SPAN HUMP! No Checker plate
- NO PREPLATING OF FRAMES, REPAIRS **ONLY AS APPROVED PRIOR.**
- can seam weld frame in front of the A arms

Bumpers:

- Any front CAR Bumper is allowed
- You may trim and flip.
- No adding metal to reinforce the bumper in any way.
- You may weld bumper to stock brackets and brackets to frame.
- You can weld stock bracket to frame but can only measure 10" from the start of the frame back.
- Hard nosing is allowed. 2 pieces of 4x4 angle iron per frame rail can be used to secure bumper
- Max 22" to the bottom of the front bumper.
- Bumpers must be chained or welded.

Maximum of 2 3/8 chains 1 wrap each OR you may weld 2, 2" wide, 3/16 thick straps from bumper to hood or core support, cannot cross over each other or cover radiator and must remain vertical. Same rule applies to rear bumper.

- Rear bumpers must be factory rear bumper from any car, no front bumpers.
- NO truck bumpers, home built bumpers or steel tubing allowed

Fuel System:

- 5 gallons max, fuel tanks can be certified boat tanks if plastic or Metal. If Plastic they must have a protection shield around them.
- Tank is to be securely mounted behind the driver's seat, in the center of the car.
- Any type of gas pedal is allowed.
- Automotive pump gas only.
- Any type of fuel pump 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 car.

Tires & Brakes:

- You may run any type of air-filled tire.
- Max tire size is 16".
- No split rims, studded tires, solid, or filled tires allowed.
- No homemade rims allowed. you can weld a 8" max wheel center to allow for different bolt patterns.
- Valve stem protectors are permitted.
- All wheel weights must be removed.
- Any type of braking system or configuration is allowed.
- If using a pinion brake the mounting must only be to mount caliper and not to strengthen housing.
- If using floor mounted pedals, they must not strengthen the car at all or will be cut.
- Any size wheel nuts are allowed.

Batteries:

- You may run a max of 2 12V batteries.
- Must be securely fastened in front of the pass seat.
- Must be in a secure battery box. Must be covered with rubber matting if box does not have a closed lid.
- Box must not reinforce the car.

Hood & Trunk:

- Hood must be fastened by **Maximum 6 attachment points** any combination of the following

ONLY 2 can go through frame.

1) Threaded rod (All rods may go sheet metal to sheet metal - large washer plates on the top of the hood (maximum of 8 inches in diameter) - only 2 through the frame/unibody/subframe from hood

2) welded/bolted angle iron attached to the fender to hood/trunk with one bolt to attach them together may be no longer than 4" long.

3) chained

4) wired

- Hoods are mandatory, must be able to open for inspection
- Must have hole in the hood to extinguish a fire.
- Trunk lid may be inverted, or tucked - no more than 50% max tuck
- Trunk may be welded solid. Filler may be 2"x3/16 flat bar or 1/2" round bar
- optional 2 rods through frame/unibody/subframe in trunk. Must go through existing body mount. maximum of 8 inches in diameter washer
- inspection hole must be cut in trunk
- allowed to "V" the trunk lid must be minimum of 6" from trunk floor
- you may crease your quarter panels, but they must remain vertical, no folding fenders over trunk to create a ramp

Body:

- Body mount rubbers can be removed, and replaced with 5/8 bolts max 1" washer size
- no added body mount locations just stock locations
- Wheel wells may be trimmed.
- Any creasing of the body is allowed.
- 10 bolts per wheel well are allowed. Max size 1/2", bolts must be trimmed off
- Doors may be welded shut, maximum 1/2 rod or maximum of 2" flat bar 3/16 thick.
- Rotted floors may be replaced with the same thickness material and tacked in place.
- Driver's door Must be painted white.
- 2 front window bars are allowed.
- 1 rear window bar is allowed. Roof to speaker deck only cannot be tied into cage or halo bars, cannot extend onto trunk lid.
- Side windows may have 1 bar per.
- Hard tops may have 2 side window bars.
- There is NO SEAM welding of body panels on the inside of the car that includes trunk and engine bay.
- Radiator core must remain in stock position.

All judges decisions are final