



# Demolition Derby



## Participant Information

- **Contact:** Lyle Hardy 218-404-2827 or Jared Wright 218-410-0987
- **Registration:**
  - Pre-registration is requested.
  - All modifications needed to pass inspection must be made by 11:45am or vehicle will be disqualified.
  - Mandatory drivers briefing begins Sunday at noon.
- **Event Time:** Races start at 12:30 pm
- **Entry Fee:** \$30 per vehicle/driver and includes two pit passes.
  - Extra pit passes are \$15 at the gate.
- **Payout:** (in each class)
  - 1st—\$500
  - 2nd—\$300
  - 3rd—\$200 (Must have a minimum of six cars to win 3rd prize)
- **Classes:** (cars can move up one class if desired)
  - 4 cylinder
  - 6 cylinder
  - 8 cylinder
  - Vans
  - Heats and finals to be determined by the number of entrants in each class.
- **Other:** Must be 16 or older (with parent's permission) to participate.

## Rules & Regulations

### Site Rules

1. No alcoholic beverages or drugs are allowed in the pit area! Drivers found in possession of or consuming these products will be immediately disqualified.
2. Children under the age of 16 are not allowed in the pit area.
3. All drivers are participating at their own risk and must sign a waiver to participate. If under 18 a parent must sign the waiver too.
4. Any harassment of judges or Association members will not be tolerated, and participant will be banned from the Embarrass Region Fair for 2 years.
5. Cars must be brought in on a trailer. No Driving!
6. All cars must enter and leave the fair grounds through the Mud Run Entrance and South Gate.
7. All cars that are not removed within 2 days will become property of the Embarrass Region Fair Association.





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## General Race Rules

1. The driver's last name and vehicle number must be displayed in 3 places (sides and roof).
2. Driver must remain in dead vehicle unless instructed by an official.
3. No direct hitting of driver's door, this will result in automatic disqualification.
4. Drivers will have ONE MINUTE to make legal contact.
5. Cars more than 51% over the boundary will be disqualified.
6. A vehicle fire that stops the race twice will be disqualified.

## Safety

1. Standard passenger cars, station wagons and vans will be allowed to enter except for 1973 and older Imperials or cars with pre-1974 Imperial frames. No 4-wheel drives, trucks, or convertibles.
2. All glass must be removed from the vehicle before entering the grounds. (Including headlights and taillights) No dismantling of glass on premises.
3. Standard gas tanks must be removed from the car. The fuel tank must be inside the car, fastened securely, and covered up completely. Preferred installation in rear seat area. No more than 5 gallons of gas should be in the vehicle.
4. Batteries must be installed inside the vehicle, preferably installed on the front passenger floor. Must be securely fastened and covered—no metal straps holding battery.
5. All air bags must be removed from the vehicle.
6. Cars must be equipped with seat belts and brakes.
  - a. Shoulder strap mandatory.
  - b. No rope allowed.
7. All drivers must wear an approved helmet (full faced, mouth guard, and protective clothing are recommended for protection). If choosing to run without a full faced helmet, must install wire mesh on the driver's half of windshield. Eye protection is mandatory.

## Frame

1. Absolutely no seam welding is allowed, on frame or body.
2. Only the front most part of the frame rails may be shortened. The front frame must not be shortened too far that the 1" all thread must pass through the factory stamped hole. If the body mount is removed completely or relocated, the car will be disqualified.
3. No frame shaping anywhere on frame.
4. Pre-ran vehicles will be allowed (4) 5 x 5 x 1/8" fix it plates, these plates can only be on the outside of the frame. There must be a 1" gap between fix it plates.
5. Notching/Dimpling is allowed, pre-bending rear frame rails is allowed. Notches cannot be welded back together.





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## Bumper

1. Stock plastic bumpers should be replaced with metal ones.
2. Square tube may be used but no larger than 4 x 4 x 1/8" and ends must remain open. No capping end of tube or bumpers! No adding material to weld bumper to existing shock or bumper.
3. Cars will maintain standard height (maximum 20" bumper height)
4. Bumpers must be bolted or welded on, bumper shocks may be bolted or welded.

## Body

1. Doors: Each door seam may have a maximum of 2 chains (3/8" chain or #9 wire). Only 1 may go around frame. Doors can be welded shut with maximum of 24" total weld. One chain = 4 wraps of #9 wire. All 4 wraps must be together.
2. Reinforcement:
  - a. Driver's door: a welded or bolted plate that is 24" wide max and cannot be more than 3" past the door seam.
  - b. Driver's seat: 1 bar allowed behind the driver's seat.
  - c. 1 reinforcement bar running from bar behind driver to floor pan on passenger's side.
  - d. 1 bar may run across for steering wheel support only.
  - e. No roll cage.
3. No shaping of body or floor allowed.
4. Body cannot be pounded over and chained or bolted.
5. Frame Mounts: Body bolts will be allowed to be replaced with same size bolt as stock body bolt no larger than 3/8". Bolts may go through the body no larger than a 3x3 washer on top or bottom. Bolt must be up inside of the frame no bolting to the outside and must have a 1" spacer between the top of frame and bottom of body. If the body is sucked tight to frame the car will be disqualified.
6. Trunks must be empty and secured with up to (4) 3/8" chains or #9 wire in 4 spots. No threaded rod allowed in the trunk area. Trunk lid may be modified by no more than 50% - either tucking or cut are allowed. If trunk lid is left stock it will need to be opened during inspection as rear window bars are not allowed!





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## Hoods and Front Clips

1. Hood must have at least a 12" square hole cut out in case of fire.
2. Hood must have a minimum of 4 tie down spots (6 maximum).
  - a. Front: Max size of 3/8" chain or #9 wire and can go through the core support and body mount hole.
  - b. Back: May use threaded rod up to 1"
  - c. Hoods must be open during inspection.
3. Core support must be factory to the car. Core support must go in the factory location, no sliding forward or backwards. It must line up with the stock bolt hole.
4. Sheet Metal Rust Repair: DO NOT cut any sheet metal out. Sheet metal must be same thickness as body, repair sheet metal must remain flat, no forming or rolling plate to add strength. This metal can exceed 2" past rusty metal.
5. Wheel wells may be cut for tire clearance. Fenders may not be bolted back together.
6. When mounting the radiator, the core support must not be reinforced in any way. Cars may run without radiators. Radiators must be in stock position. No cooling barrels.

## Motor and Transmission Mounting

1. Engine cross breeding is allowed but engine must attach and remain in factory position.
2. Motor may be welded, chained, or strapped on each side (2) behind pulleys.
3. Transmissions must mount like factory and use factory mount made for that car, no homemade mounts.
4. Slider drive shafts are allowed.

## Wheels, Suspension, Steering and Rear Suspension

1. Rear suspension must remain stock. No braced rear-ends allowed. Rear springs may be replaced or a maximum of 2 spring expanders per spring may be used. Posi may be welded in rear ends. For leafed cars a max of 4 leaf spring clamps is allowed.
2. Rear Control Arms must remain stock no adding or filling them. No aftermarket or square tubing control arms.
3. Wheels no bigger than 16", no split rims, no studded tires. Doubled tires are ok. Air only, foam filled tires are not allowed. Valve stem protectors are ok. Welding in centers of rims is allowed.
4. Front Suspension must remain in stock position with stock shocks. A-arms may be swapped with no modifications. Aftermarket steering shafts are allowed. The front suspension of cars can be welded to achieve desirable bumper height. Front suspension may be modified by welding or bolting down a-arms. If welded a 2 1/2" wide by 3" long strap (one in front of a-arm and one on the back) may be used. Tie Rods must be stock.

