



Demolition Derby 2024 Rules

These rules tell you how to build your car not how to build around them. Just because it is not in the rules does not mean you can do it!

Cars will only have 60 minutes to be re-teched and only have one chance to make the appropriate changes or they will be loaded! There will be no excuses for not making it to re-tech on time. Cars will be loaded if they don't make it in time. We are trying to run a show in a timely manner and will not be scared to load a car .

GENERAL:

July 13, 2024 at 4:00pm

Griggs County Fairgrounds, Cooperstown, ND

Minimum of 3 vehicles per class

Driver entry: \$100 per vehicle with driver

Pit crew: \$25 per (Max of 3 per driver)

Stock Rules

GENERAL

1. All chrome, plastics, glass, carpets, and burnable materials must be removed from inside and outside of the vehicle. May leave driver's side door interior in if preferred.
2. ABSOLUTELY NO PRE-BENDING, SMASHING, ALTERING, REINFORCING, LAYERING, WELDING or BRACING OF THE BODY, FRAME, OR SUSPENSION unless it is a pre-ran car(See below for rules).
3. 57'-73' Imperials, 61'-69' Suicide Lincolns, 03+ FOMOCO, Hearses, Ambulances, AWD's, SUV's, Vans, Pickups are not allowed. (El Camino's & Ranchero's are considered cars)
4. No Painted Frames

5. Safety Seat belts and helmets must be used at all times during event. Must have working brakes.
6. You may patch rust in floors 1-inch past rust, but must not replace any metal around body mounts or you will cut it out. No replacing metal in trunks. Call or text first we would like to see pictures before.
7. Batteries must be inside car, securely mounted to floor or cage, and must also have a non- flammable cover put over them. Wood or plastic boxes are not allowed.
8. Transmission coolers are allowed, and must be securely mounted to the floor or cage. Wood and plastic coolers are not allowed. Transmission lines must run inside of the car and must be covered.
9. Stock gas tanks must be removed. Boat gas tanks and after-market fuel cells are allowed. You must bolt the gas tank to the floor or they may free float off of the seat bar. Fuel line must be running on the inside of the car and must be covered.
10. After Market parts allowed: gas tank, pedals, shifter, steering column, transmission cooler, lower cradle with front plate only.

Radiators

1. Radiators must be stock and remain in the stock location. Do not mess with them, or try to protect them. You may use spray foam to secure them and ratchet straps/something similar.
2. May use aluminum radiator.
3. Radiator barrels allowed mounted on roof of car only. Minimum of 3/4" vent/vent hose. You are allowed (8) 5/8" bolts with minimum of 3 inch washers. Minimum 4 bolts used. Hoses must be secure and vent hose underneath car. If deemed a safety hazard driver will be DQ'd during heat.
4. No Radi Barrels

Bumpers

1. Bumpers may be welded to factory bumper brackets. You may weld brackets to the frame in stock location only. You may hardnose bumpers directly to frame, but if you do that you must remove all bumper brackets.(you can only do one or the other, brackets or no brackets not both) If you choose to hardnose it and the frame is not factory square you may only cut it back to give somewhere to weld to.
2. You may run two chains or (2) spots with two loops of #9 wire on the front bumper only, to the top of the radiator support.
3. May have 1 loop of 9 wire or 1 chain from bumper to sway bar.
4. You may change bumpers. You may run aftermarket, loaded, and homemade bumpers. Aftermarket bumpers must stay within same spec as homemade. You may run 4"x4"x1/4" piece of square tubing for bumper front and back (front tube may have a point, 4" point over 32" spread). Must be hollow and open ended.
5. Bumper height for rear and front minimum 14" to the bottom and max 22" to the bottom.

BODY/HOOD/Trunk

1. Doors, Trunk lid, and/or tailgate may each be secured in (6) spots with: 3/8" Chain, a double loop of #9 wire, one loop of 3/8" cable, or 6 plates per location (2"x4"x1/8"). Two 3/8" door chains may go around the frame, per door no other attachment points can go around the frame. No C channel or grater Blades on the outside of the doors. Trunk lid can be tucked or removed. **No dishing the lid. No welding body to frame.**
2. Drivers' door may be skinned
3. You may run 1-inch threaded rod for your front 2 hood mounts, these must pass through the original body mount hole. Can have up to a 4" 2"x2"x1/4" spacer that cannot be welded to the frame or core support. Do not weld the threaded rod to the frame on full frame cars. Uni-body cars may weld to side of frame with a max of 6 inches welded per rod. Your other 4 connection points may be chain, #9 wire, or 2" angle -iron plates with up to a 1/2" bolt.
4. All other body mounts must remain factory(Pre-ran for more details see below).
5. You may have 2 front window bars and 1 rear window bar (Cannot come in contact with the hood, trunk lid, halo bar, or frame. You may put a window net only on the driver's door but only may be bolted on with 3/8 bolts. It may be bolted to door skin and roof only. Keep within reason since this is for safety. May have one bar to support radiator hoses. If deemed excessive it will be cut.
6. Fenders may have 6-3/8 bolts per fender. You cannot roll fenders.
7. Hood may have 6-3/8 bolts around engine opening only.

CAGE

1. We are allowing a full suspended cage. No bars may come in contact with the frame, firewall, or rear speaker deck. No larger than 6" tubing. At a minimum you are required to have a 4 point cage.
2. You are allowed (1)-2"x2"x1/4" down bar per side only attaching to the tin. 2 on the driver's side. May not attach to frame in anyway.
3. Rear X bars may touch floor, but not welded.
4. May have Halo that attaches to rear seat bar. Can touch floor, but not welded.
5. May have gas tank protector, but it must be a minimum of 6" away from all sheet metal and floor (cannot weld on extra metal after first run to push it closer to the tin).
6. My have a bar to hold up radiator barrel on the roof. Bar must come off rear seat bar and go under roof to support barrel. Bar is not allowed if no barrel present.

ENGINE/TRANSMISSION

1. Engines may be any make in any car. Lower cradles with front plates allowed only. (no pulley protectors) You may build your own motor mounts and weld to frame. Do not get carried away tech discretion. Please call if concerned about mounting motors, but, if possible, go with what we have.
2. You may put one 3/8" chain on each side of the motor and may wrap around frame but may not be bolted or welded to frame.
3. Header protectors allowed 2' x 2' hole in firewall required if using protectors. (NO DP's, Engine Halos, Mid-plates, Pulley Protectors, Skid Plates, Carb. Protectors, Etc.)

4. Upright headers allowed (may have up to (1) spot of 1" square tube connecting them together)
5. No aftermarket transmission bellhousings or cases. 1/4" BOP to Chevy conversion plates are allowed.
6. No top or bottom transmission bracing or protectors.
7. No aftermarket tail housings.
8. Factory transmission cross members or 2"x2"x1/4" tube only, you are allowed 1-2"x2"x1/4" angle iron per side to attached crossmember.
9. No other welding other than attaching crossmember.

TIRES

1. Any air-filled tires are allowed. You are allowed full centers, lip guards, valve stem protectors. No bead-locks or solids. No foam filled. No studded tires or split rims. 14" to 16" tires only.

FRAME/SUSPENSION

1. Front suspension must remain completely stock. Absolutely no fabrication, alteration or changing of these.
2. Suspension parts can be swapped with only direct bolt on factory parts.
3. Front suspension you are also allowed 2- 2"x4"x1/8" per side. Straps for ride height only. The straps must only be welded to the a-arm and the frame nothing else. They can't extend past a-arm. No shaping the straps. Front suspension you are allowed twist-ins or wishbone spacers.
4. You may notch the frame, you may pre-bend (frame only so the rear goes up) this does not mean you can dish trunk, no creasing body panels, no altering the body or frame in any otherway. No welding on the Frame. Where pre-bent may be hammered only 4" down.
5. No tilting or cold bending.
6. No frame shaping.
7. No pinning humps on fresh cars.

REAREND

1. Any Drive shafts allowed (factory, homemade, slider). Rear ends must remain stock housing. You may run a full spool or weld gears to make posi-traction.
2. You may run drum or pinion brakes (but one must work).
3. You may not brace rear end housing. You may not run axle savers. You may not weld on the rear end housing (tubes can be welded to housing).
4. You may swap rear end but must be a direct bolt in application. 4 or 5 lug patterns only. (NO 6 or 8 Lug rear ends).
5. 5/8 axle studs allowed.
6. Aftermarket axles allowed.
7. Axle stud protector may be nothing more than a flat plate.
8. May chain the humps (1 chain per side), you can tie the coil springs to the rear-end housing with 2 loops of #9 wire. Only one coil spring allowed per side.
9. No loaded control arms. May shorten with no bracing for pinion angle only. If shortened it must only be butt welded together.

PRE-RAN/FIX-IT PLATES

1. 2 strand 9 wire in 4 spots after heats (if heats show) inside body of car only.
2. Fix it plate rules: May not put plates on at the show. This is to keep cars able to come back to shows. 4- 6"x6"x1/8" plates. **2 Per frame rail=4** total. Only on the outside of the frame in visible manner. Plates cannot touch. Must be minimum 1-inch in-between welds. Plates can be shaped, but not cut to make longer. Plates cannot touch a-arm strap. Plates on the frame ONLY, cannot touch body.
3. If plates are moved after a show and put on in a new spot. The old welds must be ground smooth.
4. May pin humps on pre-ran only
5. PRE-Run vehicles still need to follow bumper height rule minimum 14" and max 22" to the bottom.
6. All other body mounts must remain factory size other than 2 core support mounts. If gone or need to be replaced factory bolt size only. No metal body mount bushings. May use hockey pucks. Mounts and bushings must stay same size as factory sizes. If using hockey pucks they must be loose. Can only replace if pictures are sent that they are rusted/broken. Max washer size 3" both top and bottom. THIS IS ONLY IF THEY ARE MISSING/BROKEN/RUSTED.

2WD Pickup class

1. Judges decisions are final!
2. All rules will be strictly enforced and followed or you will not participate.
3. 2 wheel drive 1/2 ton or 3/4 ton pickups only may be extended cabs but cannot be crew cabs or four door pickups.
4. Seat belts, helmets, and eye protection must be worn. (Long Sleeves Recommended)
5. Drivers must be 18 years old or have parent's permission (16-17 years old).
6. No sandbagging, holding or team driving. 7. You have 60 seconds to make an aggressive hit. Don't abuse this you will get flagged.
8. Front Bumper Options. 1. Must be stock to pickup being run. No frame shortening. No push guards or cattle guards. The bumper may be welded to existing stock brackets, and the brackets to the frame with no additional brackets or metal being permitted. 2. Can weld a straight 4"x 4" (3/16" thick) piece of non loaded square tube with no added point. No shortening of the frame to mount square tube. Only allowed to weld tube to front side of the frame rails with one 1/2" bead all the way around with no added metal. Tube must not extend any wider than the exterior edge of tire/rim on either side.
9. Hood – Tie down in 6 positions. 2 with ready rod extending from the hood to the frame at core support no larger than 1" and it must not exceed 2 inches above the hood with washers no larger than 4". Other 4 points may be (3/8) chains or 1" ready rod but can only be attached to sheet metal. Must have at least two 6" square holes in hood for fire access.
10. Radiator must remain in stock factory position, no modifications.

11. Motor and transmissions must remain in stock position, using stock style mounts. Motors may be chained down but not in excess. Basic Lower cradles allowed with no protectors. Slider shafts allowed.
12. Suspension/frame/steering – No modification of frame! The frame must remain stock with no welding. The pickup must be stock height and must move. No changing of front coil springs and no adding leafs in the rear. Must run stock steering column for pickup you are running.
13. Tires – Any air filled tires no larger than 16 inch. Tires must have air, valve stem protectors on rims allowed. No foam, cement, sand filled tires or studded tires. No Split rims allowed. Small centers allowed for rims 16' rims max. Please remove all wheel weights.
14. All chrome, glass, anything flammable and all debris must be out of box and cab.
15. Battery – Must be inside cab passenger side secured to floor with chain or bolts. Must be in a battery box or covered with a floor mat or inner tube.
16. Gas tank – Steel constructed gas tank only! It must be secured in the center of the front of the box. It must be tied down by chains or bolts.
17. Driver's door – Door seams must be welded with 2 5"x5" (3/16") plates per seam or 2 chains per seam (3/8 max) Do one or the other not both.
18. Passenger door – same rules as driver's door.
19. Box – MANDATORY – Cab is bolted to box with (4) 1/2 inch bolts. Gap between pickup and cab must be covered with rubber, metal or plastic to prevent pinching of arms or fingers.
20. Tail gate – May be removed or welded with two 5"x5" (3/16" max) plates per vertical seam or chained with two points of (3/8 chains) per vertical seam. Do one or the other not both.
21. Rear bumper – Must stay in stock position existing mounting brackets may be welded but not reinforced. No added metal. All hitches and balls must be removed.
22. No folding or pre kinking of any body parts on pickup NO EXCEPTIONS!
23. Allowed to run a 4 point cage surrounding driver no larger than 4 inch square or round. Must at least have a dashbar for safety. Absolutely no down bars to floor or frame
24. Transmission coolers allowed but must be mounted in cab or in center of box
25. If it doesn't say you can do it, don't do it!
26. Pre-rans please call before fixing anything; we will have some additional guidelines for you to follow. Don't expect us to let you run if you show up and haven't contacted us prior. Be prepared to run heats

Compact Car Rules

1. Mini class must use '80 or newer front wheel drive cars or minivans. They must be 6 cylinder or less.
2. All glass, exterior trim, and rear seat must be removed.

3. Doors may be chained shut with 2 spots of (3/8 chain) per seam or welding is optional with a 1" weld every 12" on doors. Trunks and Hood will follow same rules as above.
4. No welding on frame or suspension.
5. Must have functional brakes.
6. Battery must be relocated to inside floorboard or cage and must be securely fastened and covered.
7. Original fuel tank must be removed from underneath car. A metal fuel tank must be securely fastened into the back seat area or cage and covered, must not have more than 5 gallons of gas.
8. You may chain bumpers to hood, core support, or trunk lid.
9. May have a tranny cooler.
10. No aftermarket engine cradles, carb protectors, or distributor protectors.
11. Bumpers. Option 1. You may run the factory car bumper for the car you are running. This may be welded to front frame rails or bumper shocks with one 1/2" wide bead all the way around. Option 2. You may run a 3"x 3"x3/16" thick straight piece of square tubing that is non loaded with no point. Tube can't extend more than 6" past the exterior of the frame rails on either side. Can only weld on to front of frame rails all the way around with one 1/2" wide bead. No added metal to attach bumpers. No shortening of front frame to attach bumpers.
12. Suspension must be stock and work properly.
13. May have A and B pillar bars and they may be connected inside the front doors. This may not go to the floor or frame. You may have a rollover bar and gas tank protector that must be placed in center of car 24"wide max and remain 3" away from all sheet metal (do not alter sheet metal in any way) These must be connected to cage only, not floor tin or frame. All cage material must not exceed 4"x4" x1/4" square or round tube.
14. Pre-Ran Cars that fit into this rule set please call before repairing cars as we will have some additional guidelines for you to follow. If you bring a pre run don't expect us to let you run if you haven't contacted us prior to showing up. *Be prepared to run heats if numbers are high*

Questions? Call:

Dustin Anderson 218-791-9735

Darrin Brown 612-404-5510

Shawn Eggermont 218-329-1300