

DEMOLITION DERBY RULES & REGULATIONS FOR 2019

FULL-SIZE TRUCK

General: All entrants must be 16 years or older. Any entrant under 18 must have a notarized release signed by parent or legal guardian. The Agricultural Society providing this event, Fair-board Committee, Committee Members, law enforcement, EMS, Fire Department or any associated members will not be held responsible for any injuries or damage of cars, participants, mechanics, or car owners.

Any protest must be done 10 minutes prior to 1st heat by a driver of that class. A protest fee of \$150.00 must be paid before action. Vehicles must pass inspection before the beginning of the first heat.

All winning cars may be re-inspected after heat or feature to confirm car is legal. If caught cheating the driver will forfeit any entry fee, prize money, or trophy. Derby officials' decision is final.

Drivers must wear a crash helmet with shield or eye protection, long sleeve shirt, pants and closed toe shoes. Seat belts are required in all vehicles.

Driver door must be painted white.

- Factory 1 ton, ¾ ton and ½ ton trucks, suburbans, blazers & Broncos and other similar vehicles are allowed.
- All 4-wheel drive models can only have one functioning drive axle. Only one driveshaft can be installed.
- All trucks must have working brakes.
- All glass & chrome must be removed.

FRAME:

- BODY & FRAME MUST BE FACTORY STOCK HEIGHT. No body or suspension lifts are permitted.
- Frames must be stock. No reinforcing or plating anywhere, for any reason. Rust repair permitted. Must remove rusted sections and replace with same thickness material. (maximum ½-in. overlap). No extra plating in anyway, inside or outside of frame.
- Hump plates are not permitted.
- No additional cross braces permitted.
- ANY/ALL trailer hitches must be removed completely.

BODY:

- All doors and tailgates may be welded solid, chained or wired. 3-inch wide x ¼-inch thick max. Tailgate may be welded to bed only. Tailgate may not be welded to the frame or bumper. Inside of tailgates may be welded 6-in. on/off. The 6-in. long pieces can be flat plates or 3x3-in. angle. No inner seam welding anywhere but at rear tailgate/door.
- Body and bed mounts may be replaced. Beds may be welded or bolted to rear of cab. Bed must be mounted in factory locations with 5/8" max. bolts and 4"x4" plates. No additional mounts, bolts or welding. Bed-sides may not be rolled, wedged, tucked, smashed or flattened in any way. We do not want trucks rolling over.
- The hood must be wired, chained or bolted. May be secured in six [6] locations. Two locations may go through the core support mount to the frame. Maximum 5/8" all thread and 3-in. washers. Core support risers may be welded to frame and extend through the core support. Core support risers must be vertical, straight and 2x2-in. maximum. An 8"x8" inspection hole must be cut in hood over the air cleaner. An air cleaner must be provided.
- Core support may have a 3x3x1/4-in. angle across the very **TOP** of the core support, this may extend from fender to fender. Bottom of core support can be fabricated, may only be 3x3x1/4-in. angle or channel. May be attached to core support & frame, may be no wider than frame rails.
- Driver's compartment may have a 4-point cage. 1 bar behind seat, 1 bar across dash & connecting bars along driver and passenger sides. May also have a bar behind driver to protect the head and upper body. Cage may be welded or bolted to floor/frame in (4) locations. Neither cage or down bars may extend past the firewall or outside of cab. No angling to the front or rear frame. Maximum material size is 4x4-in. A single roll over bar is permitted.
- A front window bar, wire or strapping must be provided to prevent hood from entering driver's compartment. 2x2-in. maximum. May only be attached to firewall and first 6-in. of roof. May not be attached to roll over bar.
- Battery must be moved to driver's compartment & securely fastened & covered **BEFORE** inspection.
- Stock gas tank must be removed. Fuel cell must be mounted in bed of truck, in the center of bed, directly against the back of the cab. Must be securely fastened & covered. Electric fuel pump may be used but must have an on & off switch clearly marked in cab. **NO PLASTIC TANKS.** No leaking fuel cell, fuel lines, vents or fittings.
- Gas tank protector is highly recommended. Protector may be no wider than width of frame rails and may be attached to frame in (2) locations. Gas tank protector may NOT extend any further than 24" from front of bed (rear of cab) on trucks, and no further behind the rear door seam on suburban type vehicles (side door, not the rear hatch/tailgate).
- Radiator must be factory style radiator & remain in factory position. **NO ANTIFREEZE.**

ANY QUESTIONS CALL BILL MARETT @ 419-681-6121
BRANDON HAULER @419 681-1459

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BUMPERS:

- **FRONT AND REAR BUMPERS MAY BE LOADED.** All work must be performed on the inside of the bumper. Must appear to be a factory car or truck bumper. No fabricated bumpers with sharp points on the front or sides. This is a safety concern. Any sharp or excessive point will be removed from bumper.
- May use a rear bumper OR may cap the end of the frame rails. Maximum material thickness is ½-in. Length no larger than outside of frame rails. Height no taller than frame rails. May be 3-inches deep.
- Factory or fabricated bumper brackets/shocks may be used in attaching bumpers to frame. Fabricated shocks may be a maximum dimension of 3x3 tubing x 10-in. long. Fabricated bracket may be a maximum 4x10x1/4-in. flat plate. Either type may not extend further than 5-in. past stock core support mount (location) or be greater than 10-in. total length, measured from the back of the bumper. Anything longer must be cut off. If bumper shock is inside of frame a 1-in. hole must be put in the side of frame to see the end of shock. If front frame is shortened past the factory core support mount, no brackets or shocks of any kind permitted.
- A single piece of 3"x3"x1/4" angle iron may be welded from the left front frame rail to the right front frame rail (in front of a-arms) on all front coil sprung trucks. Front leaf sprung trucks may use a chain from rail to rail.

ENGINE & DRIVETRAIN:

- Any engine may be used. Engine swapping is permitted GM to Ford, Ford to Chrysler. Etc.
- Full engine cradles (1/2-in. thick max), transmission protectors and slider shafts are permitted. Engine cradles may be attached to K-member only. No chains permitted to frame rails. No fan protectors or guards.
- Engine cradles, distributor protectors or transmission protectors may not be attached, bolted or welded to any cage materials.
- Transmission cross-member may be no larger than 3-in. diameter. Must run straight across frame. May be attached to frame with a piece of angle or plate, no longer than 6-in. in length.
- Any rearend may be used. Rearend bracing is permitted, may not strengthen frame or body in any way.
- Transmission cooler is permitted. Cooler & lines must be covered for driver protection.

SUSPENSION:

- Front suspension **MAY** be solid. Upper A-Arms can be bolted OR chained OR welded (only one). If welded, must use a MAXIMUM 3"x 3"x1/4" plate on front and rear of A-arm. No welding of lower A-arms. For leaf-sprung suspensions, a straight piece of 2x2-in. tubing or all-thread shocks may be used.
- Rear suspension **MAY** be solid. A straight piece of 2x2-in. tubing or all-thread shocks are permitted.
- Factory leaf spring packs must be used on front and rear. No flat leafing.

WHEELS/TIRES:

- Any tire may be used (**with the exception of deep lug tractor tires and bead-lock wheels for safety reasons**). No studded tires or split rims. Wheel weights must be removed BEFORE inspection. Valve stem protectors may be used.
- Any automotive wheel may be used. Wheel centers and wheel protectors are permitted.
- 1-ton trucks must be single wheel. No duals.

FIX-IT-PLATES:

- Fix-it-plates will be allowed on pre-ran vehicles only. Must have visible and significant damage. (A small dimple or bubble does NOT warrant a fix-it-plate. This is for significant damage only).
- May have (2) fix-it-plates per side. Plates to be no larger than 4"x4"x1/4".
- Each fix it plate will be measured to verify size requirements. Any plate greater than 4x4-in. must be trimmed to size.
- Rust repair is permitted. Rusted areas must be cut out, replace with same thickness material. ½-in. overlap on frame. 2-in. overlap on sheet metal.

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