

## 2017 Full size truck rules

1980 and newer full size half ton trucks Astro van/aerostar vans style also. Not open to mini trucks like S-10, Ranger ETC- Dodge Dakota falls under being a full size truck.

### MAX truck 3/4

2. NO convertibles, Jeeps. If you unsure of a truck contact us via email.
3. Trucks previously run in demos may be considered too battered and unsafe, resulting in disqualification.
4. If there is in any question regarding the participant's vehicle it is the driver's responsibility to prove make,model, year, engine etc.

## RUNNING

Risk: Demolition derbies are hazardous and high-risk sports; therefore, anyone with a health condition, i.e., concussion, heart problems etc. or who is pregnant should not compete.

Protect yourself. Work Boots, sport equipment – e.g. neck brace, knee pads are recommended.

No bare exposed skin. All drivers MUST wear long pants/coveralls or long sleeved shirts. No exceptions.

Working seat belt and racing helmet are mandatory. Helmets MUST have chin straps. Goggles or face shields are recommended.

BRAKES – Vehicles must have dependable brakes and must be working properly before entering pen at all times. All boundaries must be observed.

NO DRINKING OF ALCOHOLIC BEVERAGES ON TRACK, EMERGENCY VEHICLE AREA OR IN THE PIT AREA. Any driver or pit person under the influence of alcohol or drugs allowed in the pit area. This will be strictly enforced.

Competitive aggressive hits! Careless driving in the pit area could result in disqualification.

All cars are to be removed from the fairgrounds or racetrack immediately following the show.

Additional safety regulations may be imposed, depending on track and conditions.

All decisions of the official are final. NO REFUNDS!!

ALL drivers and pit persons MUST sign the event insurance waiver. Failing to do so will result in disqualification. Pit passes must be worn at all times.

Preparation of TRUCK must be DONE PRIOR to arriving at fairgrounds.

### Full Size TRUCKS 2017

1. Flammable Material - All carpet, headliner, door pads and ALL other flammable material MUST be removed from inside of car. Front seat and dash board may be left in place.
2. Glass/airbags - All windows, mirrors, airbags & trim, must be removed prior to derby event. No loose glass smashed into the bottom of doors. DRIVERS SAFETY
3. Doors & Numbers - Drivers door must be PAINTED WHITE. An optional roof number plate may be securely installed. 80% of drivers door must be white

4. Fire Extinguisher - Must be within reach of the driver, must work and have a proper working gauge. Please check gauge on the extinguisher before arriving for the event.
5. Battery - One 12 volt battery must be moved to front passenger floor board and securely fastened in a box/container clear of all fuel sources. Can also be mounted in the passenger seat area. Following inspection it must be covered with a non-flammable shield such as rubber mat or steel cover. Car, truck or farm batteries allowed. NO double batteries. ONE battery only
6. Gas Tank - Stock gas tanks must be removed. Must be a steel marine tank, plastic, custom steel fuel tank, or racing fuel cell. All tanks must be welded or bolted to the frame in box. An opening 6" larger than size of tank must be made in box to allow tank to be bolted to frame. Tanks in Suburban's and extended cabs must be securely mounted in the rear (center) passenger compartment and have a rubber mat between the tank and floor if using plastic tanks. Tank must be covered with a non-flammable material after inspection. No movement to occur during inspection. Leaks will result in disqualification. Referee has final decision. No gas tank protectors.
7. Fuel Lines/Pump - All fuel lines must have leak proof fitting with steel or rubber lines (no clear lines). No exceptions. Lines should run inside car. Leaks will result in disqualification. All connections MUST have hose clamps to eliminate fuel leaks. Must have a safety shut off switch marked in red located on roof in center of the windshield area for officials use. Switch to control electric fuel pump only. Driver's safety. MANDATORY. This rule is for fuel injected cars only. No gas tank protectors.
8. Fuel System - Electric fuel pump must be isolated with a non-flammable material covering lines, tank & pump. Example: covering may be fire resistant blanket or air bag material.
9. WELDING - No welding outside the permitted areas. Referee has final decision. Rear end gears can be welded.
10. ENGINE - Motors can be interchanged. GM in FORD ECT. Carbureted engines allowed in fuel injected trucks. Headers allowed. NO FULL engine cradles or trans braces. Distributor Protectors are allowed held onto the motor with 6 bolts protecting the dist only. If using a dist protector it must be 2" from firewall on a fresh truck. Aftermarket pedals and shifters allowed. No slider shafts. NEW FOR 2017 - Lower engine cradles are allowed as part of the engine mounts. Not to reinforce the truck or drive line. Cradle not to touch the frame or cross member. No more than 10 bolts fastening the cradle to the engine. NO pulley protectors.
11. Hood & Trunk/tailgate - Hoods are not mandatory. Without hood - use electric fan only - fans directly connected to motor must be removed. With hood - a 12" opening must be cut in the center of the hood. Hoods must remain open for officials' inspection. Hood can be fastened down in maximum of 6 places including seat belt strapping, wire, or chain only. Hoods/rad support can be wired to bumper in 2 spots. Gates can be fastened closed in maximum of 6 places. Rear bumper can be wired to tailgate in 2 spots. 3-4 inch threaded rod can extend up thru the frame, rad support and hood. Tailgates can be laid flat on the box floor and fastened thru the box only with 2- 3/4" lengths of threaded rod. NO thru frame. Box sides can be folded over and fastened thru the box only with 2- 3/4" lengths of threaded rod. Cabs can be welded to box with 2 3x3" plates per side OR 2 3-4 inch bolts fastening the cab to the box. Tailgates can be welded to the bedside with 3 3"x3" plates. If your building a suburban with barn doors each door can have 6 3"x3" plates.
12. Doors - All doors must be fastened shut with wire, straps, chained, bolted or welded with 3"x3" plates in 6 locations MAX per door. Example: 2 door trucks to have doors fastened in 8 total places and a 4 door truck to have a total of 12 per side total. NEW FOR 2017.
13. Bracing - Dash bar to run above the steering column touching each door post and to be 6" away from the center section of the firewall. Doors plates are allowed on both sides. Not overlapping on the box and no further ahead than 6" onto the fender. On a van/ 4 door truck or Suburban side plates no longer than 72". Max 12" high and 1/4" thick. for all side plates. 6- 3/4" bolts holding each door bar on. NOT WELDED. A seat bar can be welded or bolted from post to post behind the driver's seat. It can not be extended down to the floor/frame but can extend over the roof as a roll over bar. Max 3-4" tubing. No kickers or down bars of any kind. Can be bolted or welded to the roof. NO bars extending past the back of the driver's seat. Inside door bars can connect dash and seat bar to create a square around the driver. No restrictions on driver's door reinforcement.
14. Windshield - Strong steel construction-type wire mesh is recommended for the windshield area. Strong upright steel bar or chain must be bolted/ welded in windshield area. Can also use wire. Not to reinforce the truck but to protect the driver.

15. Bumpers - Front on front rear on rear and no flipping bumpers. Bumper ends can be bent in or cut off. A 4"x4" tube can be welded to the the frame rails on the front frame behind the stock bumper. Tube can be fitted tight to the back of the bumper. NOT welded to bumper or body OR a 4"x4" square tube 50" long can be welded to the end of the frame. The 4"x4" can be wrapped with a car/truck outer skin but can not be a car bumper. Gussets from frame to bumper not to exceed 3" across. Allowed to weld the end 6" of the frame to keep the bumper on not to reinforce. No welding brackets to the frame. Rear bumpers can be removed If rear bumper is removed a 2X2 piece of tube can be welded between the frame rails. No car bumpers, brackets or shocks. Tube bumpers must be cut on an angle or capped.
16. Radiator - Radiators and cooling system must be flushed of anti-freeze and only water added. Overflows for radiator must point downward to the ground. Radiator must be mounted in original position or removed. No screens only original AC condenser. No metal added around the rad for reinforcement. No rad guards. No aluminum rads unless came stock with it.
17. Transmission - Cooler can be placed inside the cab in a safe place and covered with a floor mat for safety. No transmission braces.
18. SUSPENSION - Suspension must be stock. Movement must occur. Stock drive shafts can be cut and shortened. Tie rods can be reinforced. Must start as stock and have metal welded to reinforce. Everything else must be STOCK. Ball joints, control arms, spindles and all other steering must be STOCK. No added leaf spring clamps. STOCK DIFFS. Gears can be welded. 4X4 must be disabled. No leaf spring front ends. Trucks must have stock ride height. Rear ends swaps allowed to floaters. No rear end bracing. MUST be mounted in a factory manner for that truck. ZERO welding on the diff except gear. Stock style leaf springs. Coil spring trucks can be converted to leaf spring set using factory pick up spring packs. Spring hangers must be similar to factory and bolted to the frame NOT welded. Max truck style is 3 ton. No added leaf spring clamps. Pinion brake setup's are allowed but the brackets are not to reinforce the diff housing.
19. FRAMES - A TOTAL of 6- 4X4` repair can be added to bent frames. Must be 3 inches between repair plates. Trailer Hitch MUST be removed completely.
20. MOTOR - mounts Can be welded or chained but not to reinforce. Plates can be added to cross member to weld on different make of engine- Example to get Gm into a Ford
21. Body Mounts - STOCK MOUNTS AND BOLTS. 3" threaded rod may be used in 2 places thru frame, rad support and up thru the hood. 2 extra 3/4 bolts can be added to the box with max 3x3" washers.
22. Tires - Any Double tires/tubed tires permitted. No valve stem protectors. Wheel weights must be removed. NO bead locks- rim guards. STOCK rims. Welded centers are ok but only to change the bolt pattern no to reinforce the rim. NO FULL CENTERS. No split rims. Air filled only. No triple sidewalls on drive tires. Some events may have tread depth restrictions for drive tire so please check the website ahead of time.
23. Pre-bending - Bolting of body panels is not permitted. No extra bolts permitted any where on body or frame.
24. MECHANICAL REPAIRS - Must be stock material and in no way enhance ability/performance of vehicle. Rear ends, steering, control arms, axels must all remain stock.

