

HEAVY HITTING PRODUCTIONS
Taking Auto Demolition Derby's and Figure Eight Racing to the Next Level

Full size truck and van rules

The auto demolition derby is open to men and women who have a valid drivers license. In fairness to all contestants, the following rules and regulations will be strictly enforced. SO IF THE RULES DON'T SAY YOU CAN'T DO IT DOESN'T MEAN YOU CAN! So call or email before you do it!

Drivers must be at least 16 years of age, and hold a valid state drivers license 16 and 17 year olds need to have a signed consent wavier by parents or guardian. Driver must furnish his/her own truck or van. All drivers and pit personal must sign a liability wavier before entering pit area or track. All drivers and pit personal must attend drivers meeting prior to race time. No alcohol or drugs permitted in pits. Any driver under the influence of alcohol or drugs will not compete in event. No one under 16 years of age allowed in pits.

PARTICIPANT REGULATIONS

Any 2-wheel or 4-wheel drive $\frac{1}{2}$ and $\frac{3}{4}$ ton trucks, vans, suburban, blazers, Broncos will be allowed to run. All 4-wheel drive models must have front drive shaft pulled. Extended cab models will be **permitted**. Trucks and vans will run in the same heats. The winners of the truck and van heat will be eligible to run full size car feature but they need to drive a full size car! **No trucks or vans will be allowed in full size car feature!** Drivers must maneuver trucks and vans forward and backwards hitting one another with in **ONE MINUTES TIME** or they will be disqualified. Sandbagging will not be **tolerated** and if caught doing so you will be made an example of in front of everybody. All drivers will be **REQUIRED** to wear a DOT approved helmet, eye protection and a long sleeve shirt and pants. Neck brace is recommended. Drivers must remain in his/her truck or van with all required safety gear on until vehicle is removed from track unless officials/safety personal tell you different. No deliberate drivers door hits allowed! **OFFICIALS CALL AND DECISION IS FINAL!**

PREPARATION OF TRUCKS AND VANS

Drivers door must be painted white and free of slogans and advertising. A 2 ft. by 2 ft. white square must be fully painted on center of roof for #. Drivers may choose number and already have it painted on van or truck. If your # is already being used you will have to put a letter behind it. Both front doors will need to be numbered as well. **(NO PROFANITY)** All glass to include front windshields, **AIRBAGS**, chrome, lights, carpet, headliners, back seats, fiberglass, and headlight header panels must be removed. Dashboards and front passenger seat are **(OPTIONAL!)** All rear seats **must be removed** from vans. All these items need to be removed from van or truck before brought to event location! **NO LOOSE GLASS INSIDE VEHICLE OR INSIDE DOORS!** Make them clean! Two steel bars or pieces of chain need to be installed across windshield area. Bars need to run from top of roof straight down to top of firewall. Bars must be secured either by weld or bolts nothing else. **These are mandatory and for the drivers safety.**

BATTERY

Only one battery per car will be allowed. Battery may be relocated anywhere under hood or moved to **passenger side front floorboard**. If you choose to relocate it to the passenger side floorboard it must be securely fastened **no bungee cords used for hold down on battery**. Battery needs to be fully covered by some type of rubber. (Floor mat or inner tube) **If not**

secured tight be prepared fix it or move it back under the hood! We will be looking for zero movement. Leave cover off until after inspection but bring it with you.

GAS TANKS

Stock gas tanks must be **removed**. A boat tank or fuel cell **must be securely fastened** in the back seat area of a van. On trucks the tank is to be securely fastened in front center of the bed. If you choose to rewire fuel pumps to a separate switch. Switch **needs to be** located near the driver side windshield post and clearly marked. Pumps can only get power from one switch not a toggle and the key ignition. We will be checking so make sure car quits running with switch off. **Bungee cords will not be accepted for hold down**. Officials will be looking for zero movement. So tighten them up! Fuel lines may run inside the car but need to be run inside another hose. Tank guards will **not be allowed**. Tanks need to be covered with a plastic or metal material. Covers need to be securely fastened also. Leave covers off until after inspection but bring it with you.

BODY- DOORS, TRUCK BED

Must be secured shut by weld, chain, band, or wire. If you use wire we recommend # 9 wire but not mandatory. **Do not use coat hanger for wire**. Drivers door is the only door that can be welded solid. The rest of the doors, and truck tailgates are only allowed three 4-inch welds per seam. **Do not connect corners with weld from seam to seam!** Truck tailgates may be bolted threw side of box in 6 spots. ½ inch bolt size **MAX!** **No weld and bolt combinations allowed on any seam**. Remove fiberglass tops from blazers and Broncos if they have them. The back of truck cab may be welded/bolted to the bed using one strap on each with a maximum size of 4 inches in width (one strap per side). No interior seam welding allowed. No pre-bending of trucks or smash topping of suburbans or vans **ALLOWED!** No flat beds or utility boxes allowed.

HOODS, FRONT AND REAR WHEEL WELLS

You must run a hood. Any car hood may be used (does not need to match make and model.) **HOODS MUST BE BOLTED DOWN** in two spots six **max**. No bolts smaller than ½ inch and larger than 1 inch. You may use up to a 5x5 plate for hood washer. You may run threaded rod from hood down to core support mounts but they will count has two hood bolts and don't exceed diameter size! A 12x12 hole needs to be cut in center of hood above air cleaner. If you choose to run exhaust straight up though the hood (stacks) you will only need to cut an 8-inch hole in center. Front and rear wheel wells can be cut and folded up for tire clearance. Folds can be bolted or tack welded in place. Five 3x8 bolts and washer or five ½" tack welds **MAX** per wheel well. **Do not exceed bolt and washer size or you will be asked to remove them!**

CORE SUPPORT

No welding of core support seams. Core support mounts can be removed and bolted solid to frame. You can use up to 1-inch dia. threaded rod for mounting bolts and they can run up through hood. Will count as two hood bolts! Where front fenders bolt to top of core support you may lay a bead of weld across them but make sure bead does not exceed a 1" width. **No other modifications are to be made!**

BODY/TRUCK BED MOUNTS, WASHERS, AND BOLTS

All mounts have to be in their OEM location. Rubber mounts can be removed and cab and box can be bolted solid to frame. You may replace bolts and washers. Replacement size is not to exceed ½ inch dia. bolts and 3-inch washers for cab and 6 inch for truck box. No adding extra bolts.

FRAME

Frames must remain stock. No fillers inside or added reinforcement to outside of frames. **NO PAINTING OR UNDERCOATING OF FRAMES!** We will cut and drill any frame that we feel has been altered past what rules says at any time during the event.

BUMPERS, BRACKETS AND SHOCKS

Any **OEM** truck bumper will be allowed does not have match make or model. Shocks and brackets can be welded solid. This will include were mounts meet the frame. You may weld bumper skins but bumper ends need to be trimmed off so we can see in them. Bumpers **must be** welded on solid and chained or #9 wired on in two spots per bumper. No chain bigger than 3/8! We do not want bumpers to come off. You will be disqualified if your back bumper comes off!

ENGINE, TRANSMISSION, COOLING SYSTEM, AND DRIVESHAFT

Any type motor or transmission combo allowed but must be bolted, chained or welded in engine cradle. No plates or pipes going to frame rails. Transmission floor shifters allowed but they must be safe. If the judges feel it is not safe be prepared to move it back to stock location.

Transmission coolers/Ice boxes will be allowed but must be securely fastened to floorboard if inside of vehicle and the lines going to it must be metal or hydraulic hose. **NO RUBBER HOSE!** **Any questions call.** Distributor protectors and after market gas pedals will be allowed but must bolt to engine and transmission not to firewall or dash bar. They are not to be any wider than engine. **They are to protect the distributor only!** Hand throttles will be allowed. All blocks need to be drained of coolant. **Water only!** Radiators must remain in stock locations. Electric fans will be allowed. Any stock drive shaft or after market may be used.

REAR-END

All rear ends must be stock OEM for that year, model and make of that truck or van 8-lug **max!** Rear trailing arms may be shortened or lengthen to allow rear-end tilt. Only the OEM arms can be altered. No homemade ones! Arms must be altered in center only and are not to be strengthened 1 inch past cut area. No rear-end protectors allowed.

STEERING COMPONENTS

Tie rod ends must be factory OEM turnbuckle may be reinforced. **NO REINFORCEING OF A-ARMS OR BALL JOINTS.** Any stock or aftermarket steering column may be used. You may add u-joints to column shaft at box and at firewall.

SUSPENSION AND TIRES

Leaf springs must be stock length and thickness and must stay in the stock position. No trucks with lift kits. Shackles/hangers must be OEM factory. Two homemade clamps per spring pack allowed. Rear coil springs can be secured in place by weld, wire, or cable. Aftermarket spring lifts may be used but they need to be safety wired into place. You can weld or bolt a piece of pipe from lower a-arm to bottom of frame where coil spring pocket is located. Stiff suspension is ok does not need to bounce. Trucks and vans must sit within no more height difference of 5 inches front to rear. 10 ply tire max. Tire inside a tire ok. No screwing of tire beads. All wheel weights need to be removed. Valve stem protectors allowed. No liquid filled tires.

SAFETY CAGE AND SUPPORT BARS

It may be a 4-point cage. No bars can go to frame. One bar behind the seat, one across the dash area, and one bar along each front door. Dash bar needs to be 6 inches from firewall and rear bar is not to extend back past rear of cab.. Door bars are to run along side the doors not inside them! **4 inch OD tubing max square or round.**

PROTEST RULE

There is a \$100.00 protest fee. All protests need to be in written form and specific to what is wrong with car and must be given to one of the officials 10 minutes before the start of that cars heat or feature. If the car is found illegal the money will be returned to the protestor and the driver of that car will be disqualified from all winnings. If the car is found legal the money will go to his winnings. **Only drivers can protest.** Top three cars of feature will be re-inspected by judges before any winnings will be given out.

Build your cars to these rules and not beyond them, and come and have fun. Do not read between the lines or seek out gray areas. Feel free to contact us with any questions or concerns to these rules at (585) 794-0156 or email: heavyhittingproduction@hotmail.com