

Carlton County Fair Demolition Derby

Saturday August 15th 6:30p.m.

Stock Truck Class

Any 1/2-3/4 ton American made standard, extended, or crew cab pick-ups, suburbans, and SUV's are allowed. NO 1-tons, frame swaps, super dutys, or excursions. Burden of proof is on the driver-VIN/frame code/Ect.

Hood:

- May be chained, wired, or bolted in 6 separate locations. 2 chains or wires may go from the core support to bumper.
 - 1) 2-1" max rods may be welded to frame, used for hood pin at core support. Each rod may be welded 5" to core support with a 5"x5"x1/4" washer welded at the top of core support.
 - 2) 4-1" bolts, wire, or chain must be body tin to body tin only with 5"x5"x1/4" washers max. If bolted, must be straight up and down with a 1' max length.
- 4-3/8" bolts may be used to bolt hood tin together at each stack hole.
- Must have 2 window bars no larger than 3" or 2 #9 wires in windshield opening to prevent hood from entering the drivers compartment for driver safety.

Doors:

- May be chained or wired 2 locations per seam, or welded 24" max outside weld only (1/4" strap 2" wide max).
 - 1) Each chain or wire will count as 4" of weld
- Drivers door may be welded solid and reinforced with a window net for drivers safety.

Tailgate:

- Must be in upright position, not removed, and may have 2 chains per side or welded using 2"x2"x1/4" on the inside or flat strap on the outside totaling 24" and 12" of weld or 4 chains or wire on bottom of tailgate to box, not bumper.
 - 1) Tailgate may be lowered and welded to the frame rails to use as a bumper as long as no other bumper is used.
 - i. If bumper is used, tailgate may be lowered and welded to the top of the frame only, not bumper and chained or wired in 2 lower locations.
 - 2) Suburban and SUV back doors use tailgate rules to secure.

Bumpers:

- Front and rear bumpers may be changed to a seam welded, loaded car bumper.
- Rear must remain flat with no added brackets
- If you choose not to run a car bumper, then a 6'x5"x3/8" square or round tube, behind factory truck bumper, may be welded to the frame, cannot protrude past fenders, or have any sharp edges.
- 2"x2"x1/4" angle may be added to the end of the frame, at the bumper, to help secure bumper but may not run lengthwise with the frame as a bracket.
- Max bumper height of 27" to the top of front bumper and 22" minimum to the top of the rear bumper.
- No open frame rails.

Tires:

- Any tire ply allowed, small centers allowed, 1" bead lip protector allowed.
- No split rims, full centers or bead locks.

Suspension:

- Front axle, non-leaf spring trucks, may add a 3/4" bolt in the center of the A-arm welded to the spring pocket to gain height.
- Front shocks may be replaced with a piece of steel bolted in factory location to maintain ride height.
- Stock leaf packs with 6 clamps per pack, factory leaf perches may be bolted or welded to the frame.
 - 1) No coil to leaf conversions on front axles, adding or restacking leaf springs.
- May add 2-3/8 chains per axle to frame.
- 1/2 ton may swap rear end to a 3/4 ton.
- Differentials may be welded.
- No braced rearends
- Steering shaft from steering box to steering wheel may be altered

Engine/Trans:

- May crossbreed engines and transmissions.
- C-channel frames that don't have an engine cross member, may weld or bolt 2"x6"x1/4"x6" max in the "C" part of the frame and then come across directly above front axle to the frame and factory engine mount area but not to lower cradle except at mounting bolts. 2"x6"x1/4" max size
 - 1) No added braces, kickers, or gussets.
 - 2) Cannot be connected to or supporting the suspension or any other component.
- Lower block saver cradle, without pulley protector, may be used for mounting purposes only.
 - 1) No full cradles, mid-plates, transmission protectors. Aluminum ultra-bells and slider drive shafts are allowed.
- Engine mounts may be welded and 2 chains or wire may be added.
- Must use radiator, no radi-barrels, in factory location. May loop hoses without radiator.
- Shifters and stacks allowed.
- Ignitions may be modified or altered

Body Bolts:

- Trucks may have 8 locations of chains, bolts, or U-bolts to secure box to frame, 6 for cab, and 2 at core support. Do not pin the frame.
- Suburbans and SUV may use 10 throughout cabin compartment with 2 at core support. Do not pin the frame.
 - 1) 1" bolts with 8"x1/4" max washers, through top of the frame or welded to the outside of the frame.
 - 2) May leave factory mounts in location but must remain 100% factory with rubber included. If removed then count as added mount.

Box:

- Roll over bar, strongly recommended, mounted in front of box, 5" gap away from top of cab, vertical and not angled, bolted or welded to box floor or added washer plates not the frame.
 - 1) No wider than frame on uprights and no wider than cab at the top.
 - 2) May have kickers 2' back from uprights with a cross bar at the bottom of the kickers to protect gas tank

- 3) Do not attach to any interior cage components.
- Box may be bolted to the cab in 4 locations. 1" bolts with 5"x5"x1/4" washers and may weld 12" strap per side of box to cab.
 - 1 location of wire, from box side to box side, of your choice but can not go to or around frame. 4 strands no chains.
 - No folding box sides over to create a wedge.
 - May bolt fenders together with 6-3/8 bolts and 2" washers. Threads must point inward.

Frame:

- Must remain stock and not shortened or altered in any way.
- Repair can be 1" beyond affected area each way, 1/4" thick, 1 side of frame, no boxing of frame.
 - 1) If larger than 6" repair, CALL

Cage: **MANDATORY**

- Bars may be 5" diameter max, with 6"x6"x1/4" plates on the ends.
- Side to side bar behind seat, no further than 10" back from behind seat and can connect to dash bar.
- Dash bar must be 4" from the transmission bell and firewall.
- 2 down bars are allowed on the driver side to floor or kick inward to frame but must pass through floor
- 1 down bar on the passenger side to the cab floor to protect the battery.
- Halo bar off of behind seat bar to or over roof and may attach to dash bar but may not come in contact or connect with rollover bar in box.
- Suburbans and SUV's may attach a 24"x24" floating gas tank protector off the seat bar, but must remain 4" away from any sheet metal.

Any other welding, bolting, etc. not allowed. Judged decisions final.

Questions call Jeremy Halverson only. Cell (218) 940-5581 Home (218) 384-4061