

Limited Weld Truck Rules

Questions on rules contact RAY 612-437-1104

Any American made pick-up truck or full size SUV. Older C-channel trucks cannot exceed 7.25" tall. Suv body on suv frame. Truck body on truck frame.

Front frame horns can be shortened to core support mount. Core support mount must remain in the factory location.

Not shortening on middle or rear frame section.

Body:

- Truck Body on Truck Frame, SUV on SUV Frame
- Body creasing is allowed
- Doors can be welded 5 on 5 off using 3x1/8" flat steel
- Drivers door can be welded solid
- Box can be welded to cab using 12 inches of up to 3"x1/8" flat steel
- Inside of box can be welded 5 on 5 off to keep it from ripping apart
- Tailgate can be welded 5 on 5 off using 2"x2" angle iron on the inside of the box or 3"x1/8" flat steel on the outside, pick one not both.
- Box/Tailgate can be welded to the top of the rear bumper to keep it from tearing off. No other welding of box to frame is allowed.
- Box Sides and tailgate must be firmly attached at the start of each show.

Body bolts: Must only attach to the top or outside of the frame only. Cannot extend below frame.

Factory bolts must remain 100% stock or you will not be allowed to add the extra bolts.

- Core support: 2 1 inch threaded rods can replace factory core support mounts, bolted or welded to outside of frame as close to factory location as possible. This rod can have 5 inches of weld to attach to core support. Use sheet metal as filler if needed.
- Cab Bolts: Factory body mounts/bolts must remain factory if you wish to add more.

Regular and extended cabs trucks are allowed 6 additional locations of chain, bolts, or u-bolts.

Crew cab trucks are allowed 8. SUVs are allowed 10 additional bolts. Max 1 inch bolts and

8"x8"x1/4" washers.

- Box bolts: short box trucks 8 bolts, long box trucks 10 bolt locations of chain, bolts, or u-bolts may be used to attach the box to the frame. Max 1 inch bolts and 8"x8"x1/4" washers. 2 bolts must be within 6 inches of the front box panel. 2 bolts must be within 6 inches of the tailgate. The rest are to be evenly spaced between front and rear bolts. Roll bar can be bolted on to 4 of the box bolts.

Hood:

- Hood must be attached in factory location using Either 3/8" chain, wire or bolts in 6 locations Sheet metal to sheet metal only.
- 2 of the 6 points can be 1 inch rod through core support welded to the frame. 5"x5"x1/4" washers on hood.
- You may use 4 3/8" bolts around each header opening to hold inner structure together

- Must have 2 bars no wider than 3 inches in the windshield opening to keep the hood from entering the cab.
- MUST BE OPEN FOR INSPECTION

- **Bumpers:**

- Replica bumpers are allowed. Anything added on to the bumper must remain within 8"x8" and will be included in bumper height measurement.
- Homemade bumpers up to 8"x8" with a 4 inch point spread over 32 inches.
- Rear bumper must remain Flat up to 4"x4" tube
- Front bumper no higher than 30 inches to highest point of bumper (fresh or pre-ran make adjustments as needed)
- Rear bumper no lower than 24" to top (fresh or pre-ran make adjustment as needed)
- May use 2"x2"x1/4" inch angle iron to help attach front and rear bumpers. Must be vertical. Cannot run lengthwise down frame

Suspension: Only 1 tube or shock to hold height per corner. If using a tube and not factory shock locations it must be directly above the front and rear axle.

- Front axle non-leaf-spring trucks may install 3/4 inch bolt in center of a-arm welded to spring pocket to gain height
- Front shocks may be replaced with up to 2"x2" tubing in factory locations to maintain ride height.
- Stock leaf springs, no adding leafs.
- Max of 6 leaf spring clamps per pack. That includes the factory clamps. Max leaf spring clamp size of 3"x3/8" flat stock with 1 1/2 inch bolt on each side of the spring. Clamps cannot be welded to the side of the frame.
- No swapping leaf spring mounts, must remain factory to the vehicle.
- No coil to leaf conversions.
- Axles must be bolted in.

Drivetrain:

- Any Engine and OEM transmission may be used. (No aftermarket transmissions)
- For transmissions you are allowed one of the following: Steel Bell, Aluminum Ultra bell, Or Stock Bell with Topside Skeleton Brace. No pan protectors or underside bracing.
- Aftermarket motor mounts are allowed, Motor Must be bolted in with 2 Bolts. 2 locations of chain or wire may be used to hold engine incase mounts break.
- NO MIDPLATES ALLOWED
- Lower cradles with Front plates and pulley proctors are allowed.
- If not using the factory transmission crossmember you may use up to a 2"x2"x1/4" tube with a 6 inch piece of 2"x2" angle iron welded to the end to bolt to the frame.
- Trans and be chained or wired to crossmember.
- Trans coolers are allowed if deemed safe. Do not use unbraided hose and hose clamps.
- Radiator Must be mounted in a factory location. If necessary a 2"x2"x1/8" piece of angle iron may be used to set the radiator on. No Radi-barrels or radiator protectors
- 2 Batteries MAX, Must be secured and covered. Do not use bungee straps.
- No Distributor protectors or steel tail housings.
- Carb halo's are allowed but cannot protect the distributor.
- Slider Driveshafts are allowed
- Any Factory 3/4 or 1 ton Rear axle may be used.

- Pinion Brakes are allowed.
- Stock steering components May alter the steering shaft from box to steering wheel. Tie rods can be reinforced in the center.
- Aftermarket cable shifters, gas and brake pedals, and switch boxes are allowed.
- Stock gas tank must be removed and a metal one placed in the rear of the cab or front of the box.

Cage: Max 6 inch cage material.

- Dash bar must be at least 4 inches back from forward most point in the firewall and at least 4 inches away from the transmission bell.
- Rear seat bar can be no further back than 10 inches behind the seat.
- Side bars are required
- 4 downbars. 1 on each side can go straight down off of the dash bar to the topside of the frame and cannot be angled forward or backward. Other 2 down bars are to attach to floor steel metal only.
- SUV's, Extended, and crew cabs may have a floating 24"x24" gas tank protector. Must remain 4 inches from all sheet metal. Cannot attach to floor.
- Rollbar is required and can be built off of the behind seat bar.
- Rollbar in box May be attached using 4 of the box bolts. This can also serve as a gas tank and trans cooler protector. Uprights Not much wider than the frame on bottom. No wider than the cab on top, No taller than the cab. May have 2 kickers up to 30 inches from the front box panel. Must have 5 inch gap between top of rollbar and top of the cab Cannot connect to inner cage in any way.

Frame:

- Older C-Channel Trucks are allowed to build an engine crossmember directly above the front axle using 2"x6" tubing and cap frame from bumper to 6 inches behind engine crossmember. No gusseting to engine crossmember.
- Front frame horns can be shortened to the front core support mount. Core support must be 100% complete and unaltered in any way.
- No other welding of frame or crossmembers allowed

Official's decision is final... if vehicle is deemed to be against the rules or a safety concern you must make repairs before being deemed eligible to run!