

## **Limited Weld Truck Rules**

½ and ¾ ton truck and suburbans will be allowed in this class.

### **General Rules**

1. All glass, plastic and pot metal must be removed.
2. Nothing may remain in the bottoms of the trunk or doors.
3. All outer hardware must be removed – door handles, mirrors, chrome, moldings, screws, fiberglass, etc.
4. No added weight to any car.
5. Rear seats in all vehicles and all decking in station wagons must be removed.
6. Front seat must be securely bolted to the floor; however, these bolts may NOT go through the frame.
7. You must have a functioning seat belt.
8. All flammable materials must be removed from the inside of the vehicle other than safety padding and the driver's seat.
9. Brakes must be functional.
10. Vehicles may have a roof sign, minimum 15"x15," maximum 24"x24" contrasting colors, but may not be positioned in such a way to strengthen the car.

### **Engines**

1. Engine cross breeding is allowed.
2. You may have solid motor mounts that can be welded, bolted or chained to the engine cross member, Not to the frame rails.
3. You may brace front of motor to the frame rail with 1"x ½" flat steel or 3/8" chain. No angling forward or backwards.
4. You must start with an air cleaner over the air intake.
5. No skid plates, distributor protectors, transmission bracing, engine oil coolers.
6. No radi barrels
7. Stock radiator in stock location or may loop lines with small piece of steel pipe. May use seatbelts or ratchet straps to hold radiator in place.
8. May run lower block saver with no pulley protector
9. May run carb protector if not strengthening truck attached to motor only. Judges decision is final.

### **Transmissions**

1. Transmission coolers are allowed, but must be secured in a way to prevent injury. Coolers may not be attached to the frame in any way.
2. Transmissions may be from a car or truck origin.
3. 4-wheel drives must remove one drive shaft.
4. Any drive shaft may be used sliders ok

### **Frames**

1. There will be no plating, boxing, doubling or adding of any cross members to the frame unless the rules say you can.
2. If frame is badly bent you may plate one side with one 3"x 5"x ¼" plate. Limit 2 plates per rail. With 2" gap between plates.

### 3. Call with other questions

#### **Fuel Systems**

1. The gas tank must be securely mounted in the front of the box.
2. Marine tank or metal fuel tank will be allowed. No plastic tanks allowed.
3. You must have the gas tank securely mounted and it must be covered. Bolt may not go through the frame.
4. Fuel lines must run inside the truck.
5. Electric fuel pumps are allowed. They must be covered and have an on/off switch near the steering wheel and clearly marked in large letters

#### **Doors, Tailgates and Body**

1. Driver's door maybe welded solid.
2. May have drivers door only window net
3. All body bolts may be replaced with a maximum 1" bolts to the top lip of frame only do not pin frame. 8"x 8"x 1/4" free floating washers will be allowed for this.
4. Doors may be chained two locations per seam, or welded 24 inches of total weld outside only 2" by 1/4" "strap. Chain or wire will count as 4" of weld. Duct tape 4" wide will count as 1 chain or wire. Inches of Duct tape count as inches of weld
5. Box can be bolted to the cab in 4 places with 8"x8"x 1/4" plates that are free floating with 1" bolt max
6. May weld box to cab 5" on 5" off with 3"x 1/4" strap.
7. Box may have a total of 8 tie downs to top lip of frame or welded to side of the frame with 8"x8"x 1/4" plates that are free floating with 1" bolt max
8. Tail-gate may be chained two locations per side and two locations on bottom of tail-gate to box or welded 12 inches with strapping no wider than 4" and 1/4" thick can-not be welded to bumper or frame or body mount plates, box sheet metal only. Tail-gate may be lowered if not using a rear bumper, if using rear bumper you may drop tail gate to top of bumper no welding tailgate to bumper.
9. You may have a door plate on the outside of the driver's side door that may not exceed 24"x1" and cannot extend more than 3" past door seams.
10. Wheel well openings may be cut for clearance and may be bolted together with a maximum of 6 3/8" bolts.
11. No wedging of the box.

#### **Cages and Halos**

1. Safety is a big concern in this class so make the inside of you cab safe. A dash bar, behind the seat bar and door bars are Mandatory. Maximum 6" tubing or channel iron may be used for these.
2. You may have 4 down bars connecting your cage to the **floor sheet metal**. They can be a maximum 6". They cannot extend past the fire wall or behind the back of the cab.
3. No bars are allowed to attach to the firewall in any way.
4. You may also run a halo bar directly behind the cab. Maximum 6" diameter. It may be bolted to the cab in 6 spots with 1" bolt max. It can be bolted to the bed floor and may not be bolted or welded to the frame.
5. Kickers from your halo cannot be more than 24" from halo bar and must be bolted or welded only to bed of truck not to the frame and no wider than the factory frame at the box and no wider than top of cab on top.
6. MUST have two window bars no larger than 1 1/2 in diameter or 2 #9 wires in windshield opening to prevent hood from entering drivers compartment for drivers safety.

#### **Leaf Springs and suspension**

1. Stock OEM leaf pack for that truck in stock location.

2. 6 leaf spring clamps will be allowed per leaf pack. Clamps can be 3"x1/4" and wide enough to get around the springs with 2, 3/8 bolts per clamp. No welding of leaf springs.
3. No front leaf conversions. May add spring spacers to sagging coil springs to gain height must still bounce.
3. May run one 3/8 chain per side from frame to axle tube on rear axle.
4. Bumper height max 27 inch to top, min. 22 inches front and rear

### **Bumpers**

1. Bumpers from any mass produced vehicle may be used. Bumpers may be seam welded and loaded or 6" 3/8" thick tubing with factory chrome welded to it no wider than fenders. If you choose to use the tubing must remain flat.
2. Bumpers may be cut down but no sharp edges will be allowed.
3. No open frame rails.
4. Bumpers may be welded to frame with 2x2 inch wide 1/4 thick angle iron on all sides of frame or may use 4x4x1/4" flat plate on one side of frame.
5. No ag, dmi, or hd step bumpers

### **Tires**

1. No studded or 100% steel wheels.
2. Valve stem protectors are allowed but may not stick out of the rim.
3. Wheel weights must be removed.
4. Any tire allowed. Double stuffing is allowed. You can solid fill your tires if you wish.
5. NO SPLIT RIMS Allowed.
6. Brake systems must be operational.
7. Small weld in centers no larger than 9 inch
8. No bead locks

### **Hoods**

1. Hood may be chained 3/8 chain, wired, or bolted in 6 separate locations
2. May use 2 pieces of 2x2x1/4" 4" long angle iron with max 1/2 " bolt welded to sheet metal only on hood and fender.
2. 2 of the 6 chains or wires may go from core support to bumper.
3. You will be allowed two 1" rods welded to frame directly butted up backside of core support for hood pin as 2 of you 6 hood tie downs.
4. May bolt each hood cut out with 4- 3/8" bolts per cut out

**Call Deryk Evens at 641-832-0520 with questions**  
**If the rules don't say you can do it don't assume you can call first.**