

Modified Truck Rules

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 cars 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.

Frames

1. Any frame up to 1 ton truck and suburban will be allowed in this class.
2. Any pre 1970 truck frame must be under 7 ½" in height
3. There will be no plating, boxing, doubling or adding of any cross members to the frame unless the rules say you can.
4. You are allowed a 1/4" plate 1 inches past the bend REPAIRS ONLY on one side of frame on your truck. You may box the frame but must have a 2" gap between plates.
5. Any plating done other than rules allow will be cut. NO QUESTIONS ASKED!!

Engines

1. No engine oil coolers allowed.
2. Must have an air cleaner at the start of the event over the carburetor.
3. No water pump guards of any kind will be allowed
4. You are allowed to add up to 12 inch wide factory OEM engine cradle to frames that didn't come with one from the factory. Using minimal added material to fasten the cross member.
4. Distributor protectors are allowed must be attached to engine or transmission only. Backside no wider than 12" and must be at least 6" from dash bar at the start of the event with nothing between them except the firewall. It may not be welded, bolted or connected to body, hood, or frame. Forward supports must be inside normally positioned headers and must be behind water pump.
5. Engine braces cannot be connected to the cage or dash bars in any way.
6. You may also have 4 extra motor mounts that go to the frame, one off each corner of the motor. These braces may be 3" wide by ¼" thick that are welded to the frame. You may also weld a 3"x3"x ¼" plate to the frame. There must be a 2" gap between these braces and you cage braces. They may not be more than 6" in front of or behind the engine.
7. May run engine cradles and trans braces.

Radiators

1. You may run a stock radiator or radi-barrel.
2. **Radi-barrel must have some sort of pressure release valve, or you will not run!**
3. Radi-barrels: No welding of radi-barrels to the truck at all! May be bolted in 6 spots to core

support.

4. You may use 1/4" max thickness material in front of radiator only (has to be mounted to the core support) The material can be 2" bigger than the radiator on all sides. May be bolted in 6 spots if using solid flat plate. If you are using wire mesh or expanded metal you may completely weld them in

5. You can have a 3"x3" angle or square tube across your Radiator support with 2 kickers (3"x3") attached to the frame in front of the front axle to the top side of the frame only

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. Slider drive shafts ok

5. Trans braces ok

Fuel Systems

1. Marine tank or metal fuel tank will be allowed. No plastic tanks allowed.

2. You must have the gas tank securely mounted and it must be covered. Bolt may not go through the frame.

3. Fuel lines must run inside the truck.

4. 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. Doors and tailgates may be welded shut with 4" wide by 1/4" thick flat steel inside and out. If you don't weld them, you must chain or 9 wire them shut in at least 3 places and a maximum of 6.

2. Body creasing, enhancing of existing body lines and additional body lines will be allowed.

3. Box can be bolted to the cab in 6 places with 4"x4"x 1/4" plates that are free floating with 1" bolt max. You can also weld the cab to the box using 4"x 1/4" flat steel.

4. You may have a door plate on the outside of the driver's side door that may not exceed 24 inches tall and cannot extend more than 3" past door seams.

5. If you choose to fold box sides over, it must be done behind rear wheels.

6. You will be allowed to have 6 hood bolts welded vertically to the frame with no pig tails that are 1" max with 6"x6"x1/4" free floating washers. OR you can use 2 pieces of angle iron that is 3"x3"x4" bolted together with a maximum 1" bolt in 6 places on the hood and fenders.

7. All **factory** seams in the box only can be welded with 2"x2"x1/4" angle iron, or 3" strap

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.

3. Any bracing can be used inside the cab of the truck. A 4 point cage is required. The bracing can connect to the frame anywhere within the cab **BUT CAN NOT GO PAST THE FIREWALL**. Bracing can not go more than 12" behind the driver's seat.

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. May be welded to the top of frame only. Bolts may connect to the frame with a 1" max bolt.

5. The 2 kickers must come from the top of the loop down to a location no further back than the front leaf-spring mount.
6. This loop can be bolted to the floor, or welded directly to the frame on the plates no larger than 8"x8".

Body Bolts

1. All body bolts may be replaced with a maximum 1" bolts.
2. You may add 6 extra box bolts from the frame to the box. That are 1"max bolt or U bolts or chain. Washers for box bolts can be 6"x6"x1/4" max and must be free floating. U-bolts will count as one bolt. Both bolts of the U-bolt must go through the same 6x6x1/4" plate.
3. May sleeve body and box bolts with 2inch max diameter material

Leaf Springs

1. Shackle brackets may be welded to the frame.
2. No more than 13 leaf springs per stack, no stagger needed.
2. You may make a homemade shackle mount limited to 5 inches wide by 3/8" thick. May use a gusset to tie arms of shackle together under frame.
4. You may leaf the front of a non-leaf vehicle
5. May add max 2" diameter spacer from bottom of frame to leaf pack to gain height.

Tires and Brakes

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. Full weld in center allowed no thicker than 3/8"
7. Brake systems must be operational.
8. Bead locks ok

Bumpers

1. Any stock truck or automotive car bumper and bumper brackets may be used on the front and rear of the vehicle.
2. Bumpers may be re-enforced on the inside only
3. Maximum tubing size 7" on home made bumpers
4. If you are reinforcing a factory truck bumper, the bumper must remain flat, car bumper skins must remain factory not changing any angles and must have the outer skin welded in place (meaning you may not change the contour of the bumper).
 3. You may use a home made bumper bracket no taller than the frame and no longer than 18" long by 1/4" thick
 4. You may add a cross member from frame rail to rail behind front bumper only. 4" angle iron or channel will be allowed to weld the bumper to.
 5. Bumper brackets may not extend more than 18" onto the frame.
 6. Maximum front and rear bumper height 30" to top of bumper
 7. Minimum front and rear bumper height to the top of the bumper is 22"

Call Ryan Fischer 641-512-9082 with questions

If the rules don't say you can do it don't assume you can call first.