

# CHAIN GANG CLASS

This is back to basics class. This class was created to have rfun and go back to basics with regards to modern safety. These are basic chain and bang rules. If it says you can not do it, then do not do it! Do not show up with an overbuilt car and expect to run.

Any 1980 and newer two-wheel drive, 4 or 6 cylinder passenger car / mini-van / mini-truck / mid-size SUV or cross over. **No full-size cars, vans, trucks, or SUV's. No mid-size full frame cars. No AWD or 4 x 4, you must remove the front or rear driveshaft to make it a two-wheel drive.**

## GENERAL PREPARATION

- All glass, plastic and pot metal must be removed.
- Nothing may remain in the bottoms of the trunk or doors.
- All outer hardware must be removed – door handles, mirrors, chrome, moldings, screws, fiberglass, etc. This includes plastic bumpers and plastic bumper covers.
- No added weight to any car.
- Rear seats in all cars and all decking in station wagons must be removed.
- The front seat must be securely bolted to the floor; however, these bolts may NOT go through the frame!
- All flammable materials must be removed from the car other than safety padding and the driver's seat.
- Coolant must be drained, and water added to radiator.
- DO NOT paint anywhere on suspension or frame, we will not ever inspect your car.
- You must have a functioning seat belt.
- Must have working brakes, they will be checked.

**Batteries must be moved and secured on the passenger side floor and covered.**

**Must run factory gas and brake pedals, factory steering column and shifter.**

Headers and stock exhaust through the hood allowed, must point straight up, no exhaust may pass through the passenger compartment.

Air bags must be removed.

Engine and transmission must be stock to make and model, no swaps, GM to GM, Ford to Ford, etc. Factory engine mounts only, no solid or homemade mounts.

Rear ends must be stock. No swapping of rear ends or gear changes.

No tractor, skid steer, fork lift tires, etc. Must use DOT approved tires for the highway, if your tire is questionable, please call and ask. You may use tubes in the tires. No tire inside of a tire, this includes putting a cut sidewall on the outside for protection. Wheel weights must be removed.

No body creasing, folding or bending.

No suspension modifications period. Air lift and air shocks must be deflated.

No trailer hitches, special lifts, blocks, shackles.

Electronics, solenoid, voltage regulator and computer electronics may be relocated provided they remain forward of fire wall and under the hood.

Fuel tanks ahead of the rear axle may remain in stock location, fuel tanks behind the rear axle must be moved inside, secured, and covered. Aftermarket fuel tank or fuel cell allowed but must be constructed of metal or be in a metal case.

**Mini-trucks: Your fuel tanks must be moved to the bed up against the back of the cab and be secured and be covered to prevent fuel splash.**

**SUV's: Your fuel tank must be moved inside and secured where the back seat used to be and covered to prevent fuel splash.**

**All vehicle's competing in this class will have no more than 6 gallons of fuel in their tanks. If you have electric fuel pump you will need a cut off switch that is clearly marked within reach of the driver.**

An interior cage is recommended. If you choose to build a cage it can be a 4 point square cage only, max 60 inch side bars 6 inch max. Must be mounted horizontally and 6 inches off the floor, one down bar on driver's door, centered on the driver's door, can only be welded from side bar to floor sheet metal only. If you choose not to build a cage, you may run one single bar 6 inches max diameter between B pillars for seat support. Halo bar allowed, can only be attached to rear seat bar, uprights will be 90 degrees to the rear seat bar and bar across roof weld to uprights only. Halo cannot be used in a way to strengthen or alter the way the car bends, if it is mounted in such a way that it appears it will, you will cut it off.

Hood and trunk must be open for inspection, must be 12 x 12 hole in hood. Attach hood and trunk, this includes tail gates also, in 6 places with 2 strands of #9 wire or 1/4" chain.

## **DOORS**

You can use 2 strands of #9 wire or one 1/4" chain to chain or wire each door in 6 spots. **Your doors must be secured before coming through tech.** The windshield must have 2 spots of #9 wire or 1/4" chain.

## **BUMPERS**

The rules below only apply to the **front bumpers**, rear bumpers cannot be changed, altered or welded on. If rear bumper is plastic, it must be removed, if it is metal, you can remove it or if you choose to leave it on, it will be mounted as it came from the factory. Do not do more than what you are allowed, you will be loaded.

You may use the factory metal front bumper, or you may replace it with one of these two options:

- 1) An unaltered 1980 or newer automotive bumper. You may seam weld the outer chrome shell to the inner shell. The bumper may be no wider than the width of the front tires. **No loaded bumpers.**
- 2) You may use a piece of 4" x 4" square tube or 2" x 6" rectangle tube with a 1/8" maximum wall thickness. The bumper may be no wider than the width of the front tires.

## **BUMPER MOUNTING**

### **Vehicles with a crush box.**

Crush boxes can be cut, there must be 2" of frame in front of the core support, this will be measured from the front of the core support.

## **Vehicles without crush boxes**

Your frame will remain as it came from the factory.

You may mount the bumper using one of three methods:

- 1) You may leave the bumper as it came from the factory (if it is a metal bumper)
- 2) You may use two pieces of 3" x 8" x 1/4" flat strap, one per rail bent in a "L" shape and welded to the bumper and frame. No more than four inches of bracket on the bumper and can go back no further than four inches on the frame, this includes your welds. Brackets will be on the outside of the frame. Back of bumper cannot be welded to the frame.
- 3) You may use two pieces of 3" x 3" square tube 1/8" maximum wall thickness, four inches long welded to the bumper to be inserted into the frame rail and bolted. You may use one 1/2" bolt, two store bought 1/2" washers and 1/2" nut per rail. Bolt only through side to side of rail, not through the top to bottom. Bolts must be forward of the core support and cannot go through the core support in any way. You may be asked to remove your bolts so we can scope if we feel that it's been cheated.