



## Battle of the States Minivan Brawl

(4 Man Team)



- Mini Van: Any small size van with a 4 or 6 cylinder engine using only 2 Wheel Drive (can originally be 4WD as long as 2 wheel assemblies are disabled.)

No full size vans, stub nose vans, cube vans, Broncos, Suburbans, etc. If you have a vehicle in question be sure to check prior to the event.

- Vehicles must be stripped completely. Vehicles must be clean of all debris. Dash can remain. All glass must be removed.

- You must have a working seatbelt. Lap or shoulder is fine.

- All vehicles must have working brakes.

- Everything must remain stock unless noted.

- Any vehicle in question be sure to ask before you buy or build!!!!

### BODY/DOORS/BEDS:

- Pick between weld, chain, or wire.

- If welding: Total of 16" of weld per vertical seam. This means you get 16" of weld per vertical seam. Split it up how you please.

- If chain: Max of (4) 3/8inch chain per door.

- If wire: Max of (4) loops in (6) places per door.

- Body creasing on rear quarter panels only.
- Inner fenders may be removed.
- Outer wheel wells must be in place. Minimum clearancing is permitted but do not get carried away.
- You may run an outside driver's door plate/skin. Can overlap the driver's door seam 3". (1/4" thick max). (Can Weld Solid)

#### DRIVERS COMPARTMENT:

- 4 Point cage is highly recommended. This may consist of a dash bar (4" away from firewall), 2 side bars no longer than 60", and a rear seat bar.

Roll over/Halo bar may attach to rear seat bar and side bar (where they meet). Roll bar/Halo bar may be attached to roof with 2 6" legs.

GTP may be no wider than 24" and no further back than 24" off rear seat bar. GTP back halo may be no taller than the gas tank itself.

2 down legs are permitted, may only weld to sheet metal only. If Roll bar/Halo goes to floor, that will be considered your 2 down bars.

All cage material may be no bigger than 4"X4" or 2"X6".

- The gas tank must be removed from the stock area.
- Fuel Cell: For minivans the fuel tank must be located behind the front seats and securely fastened and well covered. Fuel cells must be firmly secured.

Electric fuel pumps are fine but an on/off switch must be in reach of the driver seat and clearly labeled "ON"/"OFF".

- One car battery only! Must be firmly secured to the passenger side floor board.

- All air bags must be disconnected and removed.
- All sunroofs must be clear of glass and shall be covered with sheet metal. Nothing to add strength.

#### FRAME:

- Must be stock as if it came off the showroom floor. Only exception is bumper mounting and notching the rear. Notch must be behind the rear axle.
- Front frame may be hardnosed to forward most point of core support. Rear frame must remain factory length.
- All body to frame bolts must remain stock.
- You may replace the front 2 k member bolts with 5/8" all thread. 3" x 3" washer max on top and bottom.
- Trailers hitches must be removed.
- 4 fix it plates allowed, max size 4" x 4" x 1/4" inch thick per plate. No splitting up or dividing to double plate. Must have a 1" gap between plates  
and bumper strap.

#### BUMPERS:

- Any factory bumper off any car may be used and it may be loaded but remain stock in appearance. Nothing can protrude out.

Any OEM FABBED STYLE BUMPER IS ALLOWED. DO NOT JUST MAKE A POINTY OUT OF SOME TUBE AND THINK IT WILL BE OK. SEND PICS OF BUMPER IF IN QUESTION.

- Instead of factory bumper you may run 4" x 4" x 1/4" wall square tubing for bumper. It must be a straight piece, no contours or adding metal.

No fabricated bumpers, straight piece of square tubing is all you get. Length of homemade bumper may not go beyond outside of fenders.

- Any Smith Metal Works or Adept bumper are allowed

- All factory plastic skins must be removed.

- Front bumper may be welded solid to frame. A 4"x6"x1/4" bumper strap may be used to help aid bumper on. This strap must be welded to bumper.

We will measure 6" back from any point of bumper backing. Anything past 6" will be removed.

- We do not want bumpers falling off. You may add 2 spots of double strand nine wire from bumper to core support.

#### ENGINE/DRIVETRAIN:

- Any make or model providing the same cylinder size is used. 4 or 6 cylinder only.

- Motor Mounts: Engine may be welded in solid but cannot strengthen the K member or Frame. Uppers may be replaced with 2"x2" or smaller material.

Lowers may be replaced with solid mounts. ABSOLUTELY ZERO PROTECTORS! (bolt together header protector is ok)

#### Tailgate/Hatches/Hoods:

- Tailgate/Hatches/Hoods may be secured by either chaining, bolted, or wire.

- If chaining: Max of (4) spots. 3/8inch diameter chain max.

- If welding: Max of (4) spots. 3" x 3" plates max.
- If wired: Max of (4) loops in (4) spots.
- If bolted: Max of (4) spots with 2" angle to angle with 3/8" bolts.
- 12 inch hole is required in the hood for fire suppression.

#### SUSPENSION:

- Suspension must be stock and have travel.
- Bumper height must remain as factory as possible. Store bought spring risers or strut spacers Indy cnc style are allowed
- Shocks must be stock. No welding on shocks or struts
- Coil springs may be wired or tack welded in place.
- No Body or Suspension lifts.
- You may reinforce tie rods but utilize factory ends.

#### TIRES:

- Any wheel and tire combo allowed